

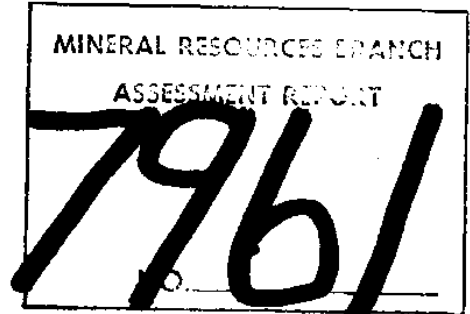
REPORT
on the
GEOCHEMICAL (SOIL AND STREAM SEDIMENT) SURVEY
and the
INDUCED POLARIZATION SURVEY
on the
ROB 1 to ROB 4 MINERAL CLAIMS
LOUISE LAKE AREA
OMINECA MINING DIVISION

NTS SHEET	- 93L/13 E	UTM Grid	- Zone 9
Latitude	- 54°51'	North	- 6079300
Longitude	- 127°41'	East	- 584550

BETHLEHEM COPPER CORPORATION
2100 - 1055 West Hastings Street
Vancouver, B.C. V6E 2H8

March 19, 1980

A. Morris, P.Eng.
Project Geologist



Introduction

The ROB group of four claims comprises 61 units. These claims surround Louise Lake which is about 32 km west-northwest of Smithers, B.C. The approximate geographic centre of these claims is $54^{\circ}51'$ latitude and $127^{\circ}41'$ longitude.

The claims are situated on both sides of a north-east trending valley and surround Louise Lake. The terrain is of small, fairly steep, forested hills ranging in elevation between 910 m and 1,220 m above sea level.

A secondary road from Smithers comes to within 8 miles of Louise Lake with a winter cat road branching off to the property itself. Air access is either by fixed or rotary wing aircraft to Louise Lake.

History

The area covered by the ROB claims is included in an area first staked by Mastodon-Highland Bell Mines Limited in early 1969. This company performed induced polarization and magnetometer surveys and constructed seven bulldozer trenches totalling 720 lineal feet. They also mapped the geology of the central part of their claim group.

In late 1969 the property was optioned by Canadian Superior Exploration Limited. During 1970 and 1971 this latter company completed the geological mapping of all claims, scale 1"=800', I.P. surveys totalling 26.7 line miles (43 km); geochemical soil survey, 673 samples covering 54 claims; surface diamond drilling, 17 holes totalling 6,632 feet (2,021 m).

Following this work the option was terminated and the claims lapsed. By 1976 Granby Mining Corporation had acquired the ground by staking. They held two claims totalling 20 units. During this year they performed a magnetometer survey, 16.8 line km; and a geochemical survey, 251 soil samples which were analyzed for copper. In 1977 Granby Mining Corporation reduced its holdings to the "core" four units. They also did some "test pitting" during this period.

During April 1979, the ROB claims were staked around the existing Louise claim.

We have acquired copies of all reports on file with the B.C. Department of Mines and Petroleum Resources pertaining to the earlier exploration programs.

1979 Program

Our 1979 exploration program included:

- (a) checking the data from the above-mentioned reports;
- (b) correlating the geology, I.P. surveys and geochemical surveys with our ROB claim map;
- (c) expanding the reconnaissance geochemical soil and stream sediment sampling to get adequate Mo/Cu assay coverage of our group of claims;
- (d) reviewing the diamond drill hole core and collecting representative 50 ft. interval samples to be assayed for Au;

(The purpose of the core sampling and Au assaying was to see whether a detectable trend existed to the metallic mineralization).

(e) conducting a limited induced polarization survey to test responses across a major northeast trending structure beyond the limits of previous surveys.

(This last mentioned survey was conducted with a light weight Huntec Lopo transmitter, coupled to a Mark III Receiver).

(Glen White, 1979).

The field work (sections (b), (c), & (d), above) was carried out during the period July 4, 1979 to July 28, 1979. The crew for this program comprised three junior assistants, one senior assistant and the project geologist. A base camp, from which the work was conducted, was established at Louise Lake.

From July 30, 1979 to August 2, 1979, a geophysical survey crew from Glenn E. White Geophysical Consulting & Services Ltd. occupied the camp to carry out an induced polarization survey for this program, in the vicinity of Louise Lake.

General Geology

The following is a summary from reports submitted to the B.C. Department of Mines and Petroleum Resources for assessment work credit:

The oldest rocks in the area are andesitic flows of Jurassic-Cretaceous age. These are somewhat porphyritic and they also contain tuffaceous horizons but bedding or layering has not been observed.

Younger, more acidic and chiefly pyroclastic volcanics outcrop along a northeast trending zone. This zone is about 800 m wide, north of and parallel to Coal Creek and the north side of Louise Lake.

In the vicinity of Louise Lake, these rocks are intruded by feldspar porphyry. The original character of the intrusives commonly is obscured by pervasive sericitization and silicification. Disseminated pyrite is present in varying amounts.

Structural Geology

The dominant structure within the claim group is an east-northeast trending fault zone along Coal Creek and the north side of Louise Lake. Evidence of this fault zone exists in the I.P. profiles, aerial photograph lineations and the drill core. Other major lineations, most with northwesterly trends, are indicated on the geological map but their significance is not known.

Mineralization

Mineralization consists of a stockwork of quartz-pyrite veinlets which reportedly contain varying, minor amounts of tetrahedrite, tennantite and chalcopyrite. Locally, minor amounts of molybdenite also have been identified. Some of the pyritic veins are as much as 1.3 cm thick and average as much as 6% pyrite by volume.

As mentioned above, Canadian Superior Exploration Limited drilled 17 core holes totalling 2,021 m on the property. During 1979 the project geologist spent several days examining this core and collecting representative 50 ft. interval samples to be assayed for gold. The purpose of this sampling and assaying was to see whether a trend to the metallic mineralization could be detected. No trend was noted in the assays for Au.

Geological Consulting Services

During the early part of the field season Dr. J. David Lowell of Arizona, U.S.A. spent a day on this property. During the course of consultation on the property he examined exposures in the trenches excavated by earlier workers and he also examined the diamond drill hole core that is stored on the property.

In his report to Mr. R.E. Anderson, he states "the sulphide habit, silicate alteration and mineral assemblage of all are suggestive of mineralization vertically above, or laterally surrounding a body of copper mineralization."

Geophysics

Induced polarization and resistivity surveys were conducted by McPhar Geophysics during the years 1970 and 1971. The I.P. surveys used a McPhar variable frequency unit operating at 0.3 and 5.0 cps.

I.P. anomalies were delineated along all of the lines by these surveys. Several of these anomalies can be combined to form an open-ended zone which, from the west boundary of the LOUISE claims trends east-northeasterly. Most of this large anomalous zone is situated on the north side of the major northeast trending fault zone. But, along line 92E the large anomalous zone almost pinches out in the vicinity of this fault. East of line 92E the I.P. anomaly is delineated along the south side of the fault zone.

East of this large zone of I.P. anomalies, several small I.P. anomalies are shown on the accompanying map. Because of the wide spacing of the I.P. lines (800 feet), the significance of these anomalies is problematical.

Canadian Superior Exploration Limited also conducted a ground magnetometer survey over the grid of the 1971 I.P. survey. A number of weak gamma anomalies of varying widths were outlined. It is reported that there was some correlation of anomalous responses between the two types of survey, but that not all I.P. anomalies had coincident magnetic anomalies.

In 1979, a limited I.P. survey was conducted to test responses across the prominent northeast trending fault zone that crosses the ROB claims, beyond the limits of previous surveys. This survey was conducted by Glen E. White Geophysical Consulting & Services Ltd. personnel, using a lightweight Hunttec Lopo transmitter coupled to a Mark III receiver. A copy of this report is appended in Section C.

The results of this survey indicate that the equipment used was not quite adequate for the test. However, the survey did indicate that mineralized zones similar to that in the LOUISE claim area could readily be defined with an induced polarization system with a minimum of 1 kw of power and a 100 m separation between electrodes.

Geochemistry

During the years 1969 and 1970, Canadian Superior Exploration Limited conducted soil geochemical surveys over claims in the vicinity of the known copper mineralization.

In 1969, 492 samples were collected at 200 ft. intervals along location lines about 2,000 feet apart. All samples were tested for copper, selected samples were tested for molybdenum.

In 1970, 673 soil samples were collected at 100 ft. intervals along the I.P. grid lines. Analyses were made for copper only.

The main feature of these surveys was the expected high over the known copper mineralization.

During 1979, our exploration program involved checking the data available to us from the above-mentioned surveys and expanding the geochemical soil and stream sediment sampling to cover all of the area of our claims.

The method of collecting these samples was as follows:

- (a) Stream sediment samples were collected by hand, just below the tops of the sediment layer and placed wet in small cloth sample bags. The samples were collected from as near the middle of the stream as possible so that they would be representative of the entire drainage area and the location was documented.
- (b) The soil samples were collected with the aid of a grub-hoe. Most of the samples were collected at fairly shallow depths at the top of the "B" horizon. The locations were documented in the field. The samples were packaged in high wet strength "Kraft" brown paper envelopes.

All samples were shipped to Kamloops Research and Assay Laboratory to be assayed for Mo and Cu.

The perimeter lines of our ROB claims were sampled and, where possible, samples were collected at 200 m intervals along picket lines of 250 m spacing. Control for these lines was pace and compass. (Map MB-79-38). Three hundred and fifty soil and stream sediment samples were collected to complete the coverage for our claims and border areas. All samples were analyzed for molybdenum and copper.

In claims ROB 1 and ROB 2, with the exception of samples collected along the mutual boundary of the LOUISE claims, no assays for Mo or Cu are anomalous. About 350 m south of the south boundary of ROB 1, two samples, RS 314 and RS 316 are anomalous in Mo. These samples were collected in an area just west of soil samples collected in 1969 and 1970 which returned conflicting assays i.e. high in 1969 and low in 1970. Mapping of the

geology shows the area to be underlain by feldspar porphyry.

In ROB 3 claims, two assays are anomalous i.e. at 100+00W - 21+00S and 15+00W - 27+50S. The former is anomalous in Mo, the latter is anomalous in Cu. With respect to sample 10+100W - 21+00S, it is of interest to note that four samples collected along 10+00W picket line at 20+00S, 22+50S and 27+50S have threshold assay values for Mo. The last of these stations is south of Coal Creek and close to the I.P. Survey picket line #2.

Sample site 15+00W - 27+50S is close to the north end of our I.P. picket line #1.

I.P. responses along both these lines are poor. The lack of correlation between the I.P. survey and the geochemical soil survey could possibly be attributed to either insufficient power for the I.P. system used or to down slope dispersion of material picked up in the known mineralized zone by glaciation.

At station 7+50W - 4+00N, in the southeast corner of claim ROB 4, the soil sample assay is anomalous in Mo. This is an isolated anomaly and the bedrock geology is not known.

The locations of the five anomalous samples mentioned above are all beyond the limits of earlier geophysical surveys. In the southwest part of the 1969/1970 I.P. surveys (Map No. MB-79-40) the anomalous zone could be projected to include areas covered by samples 10+00W - 21+00S and 15+00W - 27+50S.

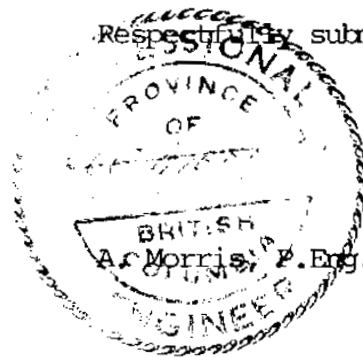
Conclusions and Recommendations

1. The anomalous zones delineated by the earlier I.P. surveys (1970 and 1971) have not been adequately tested.
2. The I.P. test program of 1979, using a light-weight Huntec Lopo transmitter, coupled to a Mark III receiver, was unsatisfactory, although higher chargeability values were recorded along lines 1, 2, 4 and 5. An induced polarization system, using a stronger power source would

have been better (see report by Glen E. White, P.Eng.).

3. Several assays of samples collected during our 1979 exploration program on the ROB claims are anomalous, or in the threshold range, for either molybdenum or copper. Most of these samples were collected in previously untested, or, inadequately tested, areas.
4. Any future exploration program on the ROB claims will include either percussion or core hole diamond drilling in the various anomalous areas mentioned above.

Respectfully submitted,



References

1. B.C. Department of Mines and Petroleum Resources
Assessment Reports: 1999, 2278, 2697, 2698 and 2937.
2. Carter, N.C. and Kirkham, R.V. (1969): Geological
Compilation Map of the Smithers, Hazelton and Terrace
Areas, Department of Mines and Petroleum Resources,
British Columbia, Map 69-1.
3. Glen E. White, P.Eng. (1979): A test program of induced
polarization surveying near Louise Lake, B.C., for
Bethlehem Copper Corporation. (In Pocket)

SECTION B - STATEMENT OF EXPENDITURE

Expense Period - June 1, 1979 to March 18, 1980

1. Consultants

(a) J. David Lowell - Consulting Geologist Based in Tucson, Arizona 1.5 days in property examination in July, 1979. Fee plus expenses	<u>\$1,074.55</u>
TOTAL CONSULTANTS	\$1,074.55

2. Contracted Services

(a) Glen E. White Geophysical and Consulting Services Ltd. - induced polarization survey. Invoice dated August 30, 1979	\$2,340.00
(b) Smithers Air Services (1974) Ltd. - air charter from MacLure Lake (Smithers) to Louise Lake - July 6, 13, 16, 20, 25, 27, 30 and Aug. 1, 1979.	\$1,062.00
(c) Okanagan Helicopters Ltd. - air charter for R. E. Anderson and J. David Lowell on July 5, 1979 Invoice No. H. 08619 dated July 20, 1979	\$ 339.00
(d) Kamloops Research and Assay Laboratory Ltd. Invoice 2077 dated July 30, 1979 \$253.80 2099 Aug. 4, 1979 286.11 2148 Aug. 21, 1979 119.34 2152 Aug. 22, 1979 248.75 2156 Aug. 28, 1979 <u>510.00</u>	\$1,418.00
(e) Rentway Transportation Leasing - truck rentals. 1 Ford F-250 crew cab with 4 WD - \$681.20 1 Chev. 4 WD pickup - 603.20 Fuel and maintenance - <u>350.00</u>	\$1,634.40

Cont'd./

(f) Altair Drafting Services Ltd.

Drafting - June, 1979	1.0 hours
July, 1979	3.5 hours
Oct., 1979	1.0 hours
Nov., 1979	19.5 hours
Dec., 1979	<u>26.0 hours</u>
	51.0 hours @
	\$14.00/hr. = \$714.00

Printing - July, 1979	\$ 9.98
Nov., 1979	41.18
Dec., 1979	<u>24.60</u>
	\$75.76

Total \$789.76 \$ 789.76

(g) Map Production Division - Ministry of Environment

-56 aerial photographs of the project area
area @ \$1.30/photo \$ 57.30

(h) Vancal Reproductions Group - enlargement
of topographic base map \$ 30.95

(i) Spilsbury Communications Systems - preparation
of radio telephone (SBX-11)
Invoice dated July 4, 1979 \$466.96
1/2 of cost charged to Louise Lake project \$ 233.48

(j) B.C. Telephone Company - telephone charges
for radio services \$ 86.42

TOTAL CONTRACTED SERVICES \$7,991.31

3. Bethlehem Expenditures

(a) Personnel

R. E. Anderson P. Eng. - Exploration Manager
3 days in property visit and general project
supervision @ \$185.00/day \$ 555.00

A. Morris P. Eng. - Project Geologist
July 4-28, 30; Sept. 10-12, Nov. 7,8; 1979
March 16, 18, 1980
33 days @ \$117.64/day \$3,882.12

B. Kynoch - Senior Field Assistant
July 4-28, 1979
25 days @ \$62.13/day \$1,553.25

R. Harden - Field Assistant
July 4-28, 1979
25 days @ \$52.87/day \$1,321.75

Cont'd./

(a) Personnel Cont'd.

B. Konst - Field Assistant July 4-28, 1979 25 days @ \$51.55/day	\$1,288.75
R. Marko - Field Assistant July 4-28, 1979 25 days @ \$51.55/day	\$1,288.75
E. Andersen - Property Agent 2 days in data compilation and report preparation @ \$107.33/day	\$ 214.66
A. Emo - Secretary 2 days @ \$61.86/day	\$ 123.72
Total Personnel	\$10,228.00

(b) Lodging and Meals

Camp Supplies - Invoice from Goodacres' stores Ltd. (Smithers) dated July 28, 1979	\$1,091.68
Accommodation and meals at the Tyee Motor Hotel and the Slumber Lodge at Various dates during the project.	<u>\$1,948.87</u>
Total Lodging and Meals	\$3,040.55

(c) Geological supplies - maps, sample bags
and field equipment \$ 231.06

(d) Radio operation - cost of operating
one SBX-11 during July, 1979 \$ 150.00

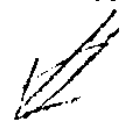
TOTAL BETHLEHEM EXPENDITURES \$13,649.61

TOTAL PROJECT EXPENDITURES \$22,715.47

AUG - 9 1979

20.5

PILLAR, LOWELL AND ASSOCIATES
CONSULTING MINING & GEOLOGICAL ENGINEERS
 5115 NORTH ORACLE ROAD
 TUCSON, ARIZONA 85704
 (602) 897-5341



*Re
please
code*

J. DAVID LOWELL
CONSULTING GEOLOGIST

August 3, 1979

Mr. H. G. Ewanchuk, Vice President
 Bethlehem Copper Corp., Ltd.
 1055 W. Hastings St.
 Suite 2100
 Vancouver, B.C. V6E-2H8
 Canada

STATEMENT

PROFESSIONAL SERVICES

5.75 days @ \$500.00 \$2,875.00

EXPENSES

Airline far Tucson-Vancouver-Tucson	123.00
Hotel Vancouver	301.59
Meals	105.90
Taxi, tips and parking	69.65
Reproduction	21.46
Long distance telephone & telex charges	<u>16.21</u>

TOTAL AMOUNT DUE U.S.C. \$3,512.81 ✓

<i>Project No.</i>	<i>Allocation</i>
1-001	416.38
3 "	152.73
4 "	152.73
7 "	916.381
5 "	610.92
11 "	610.92
16 "	152.75
	<u>2517.81</u>

821-001	1074.55
✓ 003	179.04
✓ 004	179.09
007	1074.55
✓ 008	216.32
✓ 011	716.36
✓ 016	179.09

*U.S. Funds
R. E. W.*

1157015
119-004

3512.5

11726

Glen E. White GEOPHYSICAL CONSULTING & SERVICES LTD.

9251 Beckwith Road, Richmond, British Columbia, V6X 1V7

Telephone: (604) 273-6962

August 30, 1979

Mr. R. Anderson
Exploration Manager
Bethlehem Copper Corporation
2100 - 1055 W. Hastings St.
Vancouver, B. C.

INVOICE #134

To Professional Services -

Glen E. White Geophysical Consulting & Services Ltd.

Three days test induced polarization
surveying, July 30 - August 2/79

@ \$780/day.....\$2340.00 ✓

Amount of this invoice.....\$2340.00

107-348
R. W.
Ry

DATE	INVOICE NUMBER / DESCRIPTION	CHARGES	CREDITS	BALANCE
1979		BALANCE FORWARD		
July 6/79	1395	105.00	LAUNCH	105.00
July 6	1421	87.00		192.00
" 16	1454	280.00		472.00
23	1448	160.00		632.00
24	1450	160.00		792.00
16	1437	60.00		852.00
20	1466	87.00		939.00
13	1433	174.00		1,113.00
17	1439	232.00		1,345.00
19	1463	160.00		1,505.00
20	1483	60.00		1,652.00
25	1502	87.00		1,652.00
27	1532	105.00		1,757.00
28	1535	280.00		2,037.00
30	1540	105.00		2,142.00
30	1541	87.00		2,229.00
Aug. 1	1546	105.00		2,334.00
		003-854-1377 007-854-957 <u>2334</u>		AUG - 9 1979 854-003 1377.00 854-007 957.00 110-002 2334.00

Smithers Air Service (1974) Ltd.

Thank You

PAY LAST AMOUNT IN THIS COLUMN



OKANAGAN HELICOPTERS LTD.
 4391 AGAR DRIVE, INTERNATIONAL AIRPORT
 VANCOUVER, B.C. V7B 1A5
 TEL. (604) 278-5502 TELEX: 04-355594

FLIGHT DATE	DAY -	MO.	YR.	829408	
	05	07	79		
TYPE OF CONTRACT - X		CONTRACT NUMBER		TYPE OF FLYING	
HOURLY	DAILY MINIMUM 1-29 DAYS	30 DAYS OR MORE			
BASE No.		BASE NAME		AIRCRAFT TYPE	AIRCRAFT CODE
11710		Smithers		206B	116
CUSTOMER NAME AND ADDRESS		AIRCRAFT CALL SIGN		FLIGHT LOCATION	
Bethlehem Copper Corp.		GNNG Smithers		5403	
2100 1055 W. Hastings		NAME		NUMBER	
Vancouver B.C.		PILOT No. 1		364	
V6E 2H8		PILOT No. 2			
P.O. NUMBER		ENGINEER No. 1		331	
3		Erunt.			
No. PASSENGERS		ENGINEER No. 2			
FREIGHT LBS.		CARGO DECLARED VALUE			

OPERATION	TAKE OFF	LAND	FLYING TIME
Smithers - Louise Lake Area, B.C., RT. Smithers			9

SOURCE CODE	G.L.	DIV.	SUB	EXTRA CHARGE OR ADJUSTMENT	AMOUNT	NON REV. HRS.	REV. HRS.	TOTAL HOURS	TARIFF RATE	AMOUNT
							9		350.00	315.00

TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE, INTEREST AT 1 1/2% PER MONTH (BEING 18% PER ANNUM) WILL BE CHARGED ON OVERDUE INVOICES.

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4416					OUR FUEL GALS. @	
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					OUR OIL HRS. @ \$1.00	90

PRINT NAME OF PERSON AUTHORIZED TO SIGN FOR CHARTERER	SIGNED FOR CARRIER BY	EXTRA CHARGES - SUB TOTAL	TOTAL
R.E. Anderson	[Signature]		\$ 339.00

Kamloops Research
&
Assay Laboratory
LTD.



AUG - 1 1979

KEA
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B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7

Phone: 372-2784

Telex: 048-8320

Bethlehem Copper Corporation,
2100 - 1055 West Hastings St.,
Vancouver, B. C. V6E 2H8

INVOICE: 2077
DATE: July 30, 1979.
FILE No. G-291

141 Geochemical Analyses -- soils -- ppm Copper &

Molybdenum @ \$1.80 \$253.80 ✓

842-003 1,212.62

842-007 908.00

110-002 2120.62

7-842
[Handwritten initials and signatures]

Kamloops Research
&
Assay Laboratory
LTD.



AUG - 9 1979

B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7

Phone: 372-2784

Telex: 048-8320

Bethlehem Copper Corporation
2100 - 1055 W. Hastings St.,
Vancouver, B. C.
V6E 2H8

INVOICE: 2099

DATE: August 4, 1979.

FILE No. G-294

187 Geochemical Analyses -- soils -- ppm Copper & Molybdenum

@ \$1.80	\$336.60 /
Less 15%	50.49
	<hr/>
	\$286.11 /

307-842
RGR
H

Kamloops Research
&
Assay Laboratory
LTD.



B. C. CERTIFIED ASSAYERS

2095 West Trans Canada Highway — Kamloops, B.C. V1S 1A7

Phone: 372-2784

Telex: 048-8320

Bethlehem Copper Corporation,
2100 - 1055 W. Hastings St.,
Vancouver, B. C.
V6E 2H8

INVOICE: 2148
DATE: August 21, 1979.
FILE No. G-299

78 Geochemical Analyses -- soil -- ppm Copper & Molybdenum

@ \$1.80 \$140.40

Less 15% 21.06

\$119.34 ✓

7-84Z

rcl
B

AUG 27 1979 *SEA*

Kamloops Research
&
Assay Laboratory
LTD.



B.C. CERTIFIED ASSAYERS

2095 West Trans Canada Highway -- Kamloops, B.C. V1S 1A7

Phone: 372-2784

Telex: 048-8320

Bethlehem Copper Corporation,
2100 - 1055 West Hastings St.,
Vancouver, B. C.
V6C 2H8

INVOICE: 2152
DATE: August 22, 1979.
FILE No. G-302

158 Geochemical Analyses -- soil & sediment --	
ppm Copper and Molybdenum @ \$1.80	\$284.40 ✓
3 Geochemical Analyses -- rock --	
ppm Copper and Molybdenum @ \$2.75	8.25 ✓
	<u>\$292.65</u>
Less 15%	43.90
	<u>\$248.75 /</u>

7 - 842

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110 10 1979 K64

Kamloops Research
&
Assay Laboratory
LTD.



B.C. CERTIFIED ASSAYERS

2095 West Trans Canada Highway — Kamloops, B.C. V1S 1A7

Phone: 372-2784

Telex: 048-8320

Bethlehem Copper Corporation,
2100 - 1055 West Hastings St.,
Vancouver, B. C.
V6E 2H8

INVOICE: 2156
DATE: August 28, 1979.
FILE No. K-2194

120 Gold Assays @ \$5.00

\$600.00

Less 15%

90.00

\$510.00

227-842
R W
H

842-007
110-002

\$10.00
\$10.00

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INVOICE
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 CORPORATION
 2100 1055W HASTINGS
 VANCOUVER BC
 V6E 2H8

P.O.

CUSTOMER 13840

DATE 7/10/79

E - ESTIMATED
 A - ACTUAL

BATCH B S	UNIT NO.	REFERENCE	INVOICE PERIOD						TYPE OF CHARGE	QUANTITY	E/A	RATE	CHARGE BEFORE TAX	TAX	TOTAL CHARGE	UNIT TOTAL
			NO	DAY	YR	NO	DAY	YR								
NC	21	23231	63673	6/01/79	6/30/79			RENTAL				655.00	26.20	681.20	681.20	

7-905
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CUSTOMER COPY
 RETURN ONE COPY WITH REMITTANCE

TOTAL CHARGES THIS INVOICE **681.20**

TERMS : NET ON DATE OF INVOICE, 1 1/2% PER MONTH
 (18% PER ANNUM) ON OVERDUE ACCOUNTS.

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TRANSPORTATION
 LEASING

JUL 21 1979
 AD

INVOICE
 NUMBER 14300

BETHELHEM COPPER
 CORPORATION
 2100 1055W HASTINGS
 VANCOUVER BC
 V6E 2H8

P.O.

CUSTOMER 13840

DATE 7/10/79

E - ESTIMATED
 A - ACTUAL

BATCH B S	UNIT NO.	REFERENCE	INVOICE PERIOD						TYPE OF CHARGE	QUANTITY	E/A	RATE	CHARGE BEFORE TAX	TAX	TOTAL CHARGE	UNIT TOTAL
			MO	DAY	YR	MO	DAY	YR								
NC 21	23198	63633	6	01	79	6	30	79	RENTAL			580.00	23.20	603.20	603.20	

7-905
 RTV
 [Signature]

FORM RH-11 REV. 6/77

PLEASE RETURN ONE COPY OF INVOICE WITH REMITTANCE.
 MAKE ALL PAYMENTS TO : P.O. BOX 3500
 CALGARY, ALBERTA

CUSTOMER COPY
 RETURN ONE COPY WITH REMITTANCE

TOTAL CHARGES THIS INVOICE ▶ 603.20

TERMS : NET ON DATE OF INVOICE, 1 1/2% PER MONTH
 (18% PER ANNUM) ON OVERDUE ACCOUNTS.

A MEMBER OF THE NATIONWIDE **TRIMAC** GROUP

INVOICE



JUN 18 1979

INVOICE

GROUP



VANCAL REPRODUCTIONS

Letraset

1100 W. HASTINGS ST.
VANCOUVER B.C. V6E 1B7
683-6684

1777 WEST 3RD AVE.
VANCOUVER B.C. V6J 1K7
683-6684

610 COURTNEY ST.
VICTORIA B.C. V8W 1B5
390-1633

CUST. ORDER NO. 8-860

(93) (94)	INVOICE NUMBER
	14510
ACCOUNT NUMBER	DATE
0000	7 8 79
	DAY MO. YR.

CUST. REQ. NO. _____
DATE SHIPPED _____

VIA _____
PPD. PPD. & CHG. COLL.

S
O
L
D
T
O

PERMUTER COFFEE CORP LTD
2055 WEST HASTINGS ST
VANCOUVER B.C.

GENERAL NOTICE

Items sold by VANCAL REPRODUCTIONS LTD. are subject to discontinuance and price change without notice. Title passes to buyer upon delivery of goods to carrier. Claims against the carrier must be made by the consignee within time limits specified by the Carrier. CLAIMS CLAUSE: Claims must be made within TEN DAYS after receipt of the goods and be accompanied by our packing ticket. No goods may be returned for credit without first securing permission. Goods so returned will be subject to a charge of 10% for rehandling. Transportation to be paid by shipper.

SHIP TO SAME

QUANTITY ORDERED	UNIT	PRODUCT NO.	SIZE	DESCRIPTION	BACK ORDER	SHIPPED	UNIT PRICE	AMOUNT	CODE
1				Micro - Master Neg.		1	3.50	3.50	
1				Str. Pos.		7 ²	3.40	23.80	
				See 145107 11639					
				860-027	35.26				
				860-008	30.95				
				110-002		66.2			

TERMS NET 30 DAYS
INTEREST AT 24% PER ANNUM
CALCULATED MONTHLY WILL BE
CHARGED ON OVERDUE ACCOUNTS.

REMIT TO
1180 W. HASTINGS ST.
VANCOUVER B.C. V6E 1B4

BRITISH COLUMBIA'S ENGINEERING SUPPLY HOUSE
OFFERING A COMPLETE REPRODUCTION
AND SUPPLY SERVICE

LIC. NO.	SUB TOTAL	27 30	5110
LIC. NO.	FEDERAL TAX	2 46	
	SUB TOTAL	29 76	
	PROVINCIAL TAX	1 19	
	SHIPPING		
	TOTAL	30 95	

*A CORPORATE PARTNERSHIP -
Partners: VanCal Reproductions
(1978) Ltd.
MyJoy Sales Ltd.
Rossian Sales Ltd.

14510

PLEASE REFER TO THIS
NUMBER WHEN REMITTING

PLEASE PAY
THIS AMOUNT



SPILSBURY & TINDALL LTD.
 120 EAST CORDOVA ST., VANCOUVER, B.C., CANADA V6A 1L1
 PHONE (Area Code 604) 684-4131 TELEX 04-55482 CABLE 'SPILTIN'

ORDER DA **D**
 22/6/79

OUR ORDER **D** 1663

INVOICE DATE
 JULY 4/79

INVOICE NO. **1818** D

CHA TO: *Bethlehem Copper Corp.*
2100-1055 W Hastings St.
Vancouver, BC
V6E 2H8

SHIP TO:
phone Mr. Anderson

SHIP VIA COLL. PPD. CHG.

P.O. No. _____ DATE _____ AUTH. _____ CHG. WARR. CREDIT *SA*

INSTRUCTIONS *SBT-11 Radio*
Add 5469 KHZ, VL3-4505/4865
VL8-7804/7953
Tone oscillator?
Supply 3 dipole antennas cut
for VL3-4441 KHz
VL8-7804 KHz
5469 KHz

PARTS	QTY.	UNIT PRICE	EXTENSION	
Antennas STA133	3	52.46	157	38
RED Range Coil Kit	2	48.71	97	42
ORANGE Coil Kit	1	48.71	48	71
Xtals 7804/7953	1set		23	42
Xtals 4505/4865	1set		23	42
Xtals 5469	1set		23	42
			373	77

REMARKS Installed new channels and crystals.
 Supplied new antennas and cut to frequency. Checked receiver and tuned for best sensitivity, checked clarifier operation. Tuned transmitter for rated power and proper modulation. Checked tone control and tested on the air.

SHIPPED *3/7/79* VIA _____ B/L NO. _____

SERIAL NO.	LABOUR	AMOUNT	
		REGULAR TIME @ 2hrs@26.00 per	52
	OVERTIME @ _____		
	TOTAL	52	00
SERVICE LOCATION VANCOUVER, B.C.			
EST. DEL'Y. DATE _____			
DEALER <input type="checkbox"/> GOV'T <input type="checkbox"/> EXPORT <input type="checkbox"/> OTHER <input type="checkbox"/>			
NET 30 DAYS			

SUB-TOTAL PARTS		373	77
FEDERAL TAX		25	23
B.C. PROVINCIAL TAX		15	96
LABOUR		52	00
TRAVEL TIME			
MILEAGE			
OTHER			
TOTAL		466	96

SBT no. 96
 872-009
 113-002
 466.96
 466.96
 9-872
 RCU
 E. & O.E.

UG-3 179

P.O. Box 310
Smithers, B.C.

July 28 1979

^{VOJ ZNP}
M. D. Balchen Copper Ltd.

2100 - 1055 West Hastings St.
Vancouver B.C.

GOODACRES' STORES LTD.

GROCERIES - MEATS - PRODUCE - FROZEN FOODS

THANKS FOR CALLING - CALL AGAIN

Date	Particulars	Amount	
July 5	Inv.	6166	✓
6	-	33461	-
11	-	1385	-
12	-	14535	-
13	-	6335	-
20	-	11870	-
24	-	18404	-
		5046	-
		9641	-
		2325	-
		<hr/>	
		109168	✓
<i>007-902</i>			
<i>R.W.</i>			
<i>hw</i>			
	902-007	109168	
	100-002	29168	

SECTION C - GEOPHYSICAL SURVEY

Report on an Induced Polarization Survey at Louise Lake by
Glen E. White P. Eng. dated August 30, 1979

August 30, 1979

BETHLEHEM COPPER CORPORATION
INDUCED POLARIZATION TEST
LOUISE LAKE
ONTECA MINING DIVISION, B. C.

INTRODUCTION

A test program of induced polarization surveying was conducted over an area of known mineralization near Louise Lake. The data is illustrated on Plates 2 - 9. The survey was conducted with a lightweight Huntco Sopo transmitter coupled to a Mark 111 receiver.

DISCUSSION OF RESULTS

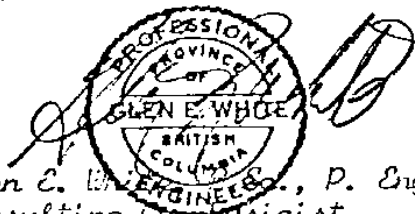
Line 3, Plates 6 and 7, cover the area of known mineralization. The 50 m separation detected two zones which give a high of some 36 milliseconds. The apparent resistivity values are very low indicating considerable clay alteration associated with the chargeable materials or conductive overburden. The 100 m separation also showed a high chargeability value of some 34 milliseconds. However, it is skewed from that of the 50 m separation. This is normal in that the lightweight I.P. system did not have sufficient power to penetrate the low resistivity environment. However, in both cases the background chargeability values are some 20 milliseconds indicating the area is anomalous in chargeability materials.

Lines 1 and 2 show low background values in the order of some 2 - 4 milliseconds in an area of likely conductive overburden. The larger "a" spacing on each of the two lines gives anomalous values some 3 - 4 times background, which likely indicates an area of anomalous chargeability under a varying cover of conductive overburden. Lines 4 and 5 were obtained with "a" = 50 m. Line 4 has an interesting bell-like high of 16 milliseconds at 4 + 25 in association with a resistivity low. This may possibly represent a vein or fault controlled chargeable materials. Line 5 gives a broad chargeability high which reaches a value of 13 milliseconds.

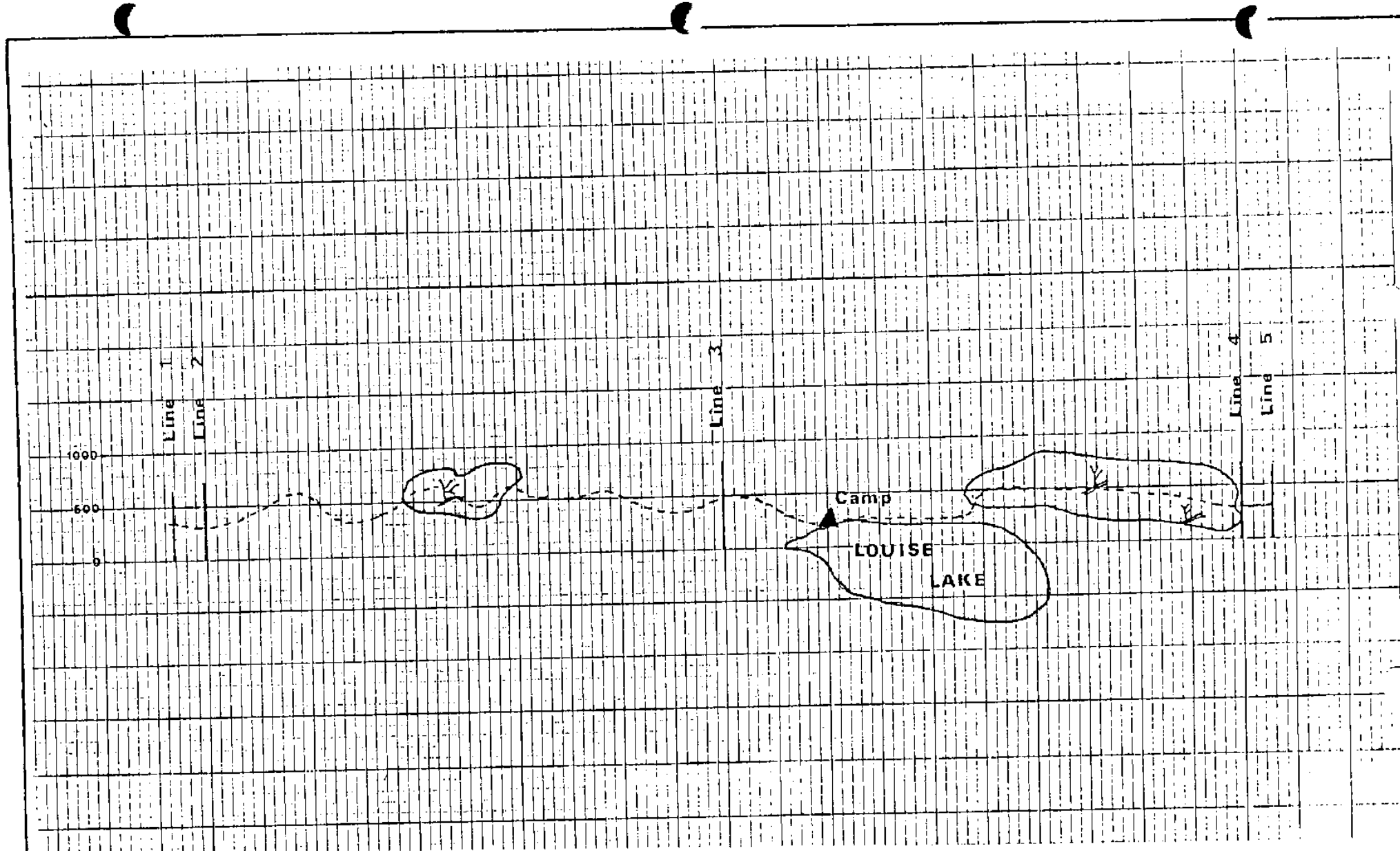
SUMMARY AND CONCLUSIONS

The test induced polarization survey showed that Line 3 is in an area of high chargeability and low resistivities possibly indicating a highly altered zone and/or conductive overburden. The outlying two sets of lines 1, 2 and 4, 5 contained normal background values with some higher chargeability values. Thus, in conclusion, it would appear that the mineral zone covered by Line 3 could readily be defined utilizing an induced polarization system with a minimum of 1 KW of power and a 100 m separation between electrodes.

Respectfully submitted,

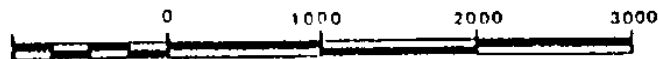


Glen E. White, P. Eng.
Consulting Geophysicist



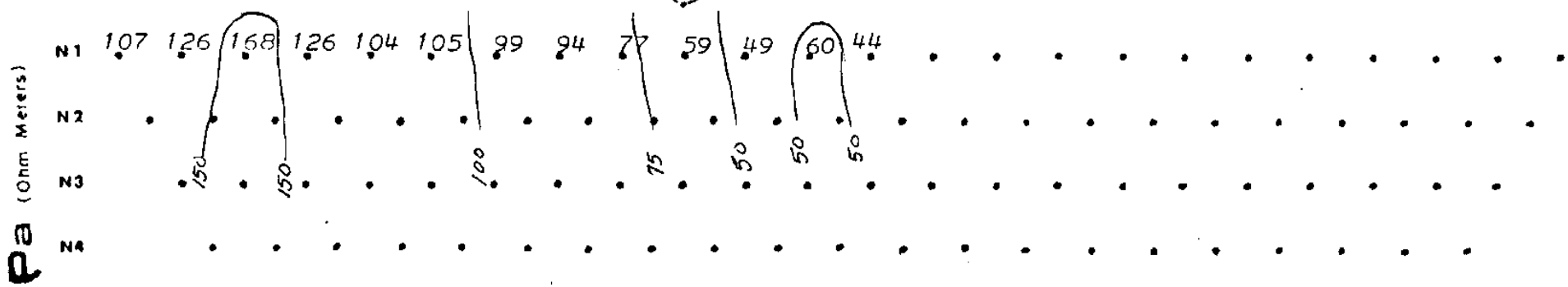
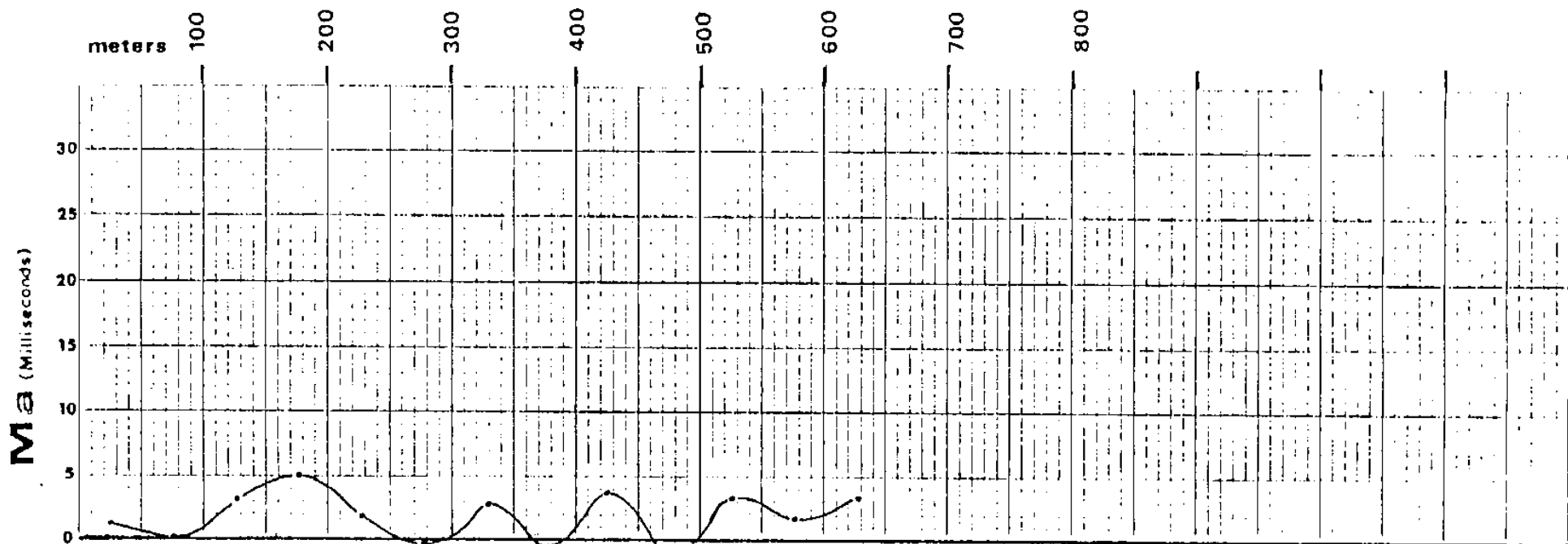
BETHLEHEM COPPER CORPORATION

GRID MAP
LOUISE LAKE



SCALE IN METRES

*John W. White
geophysical consulting
engineer etc.*

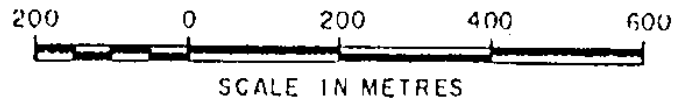


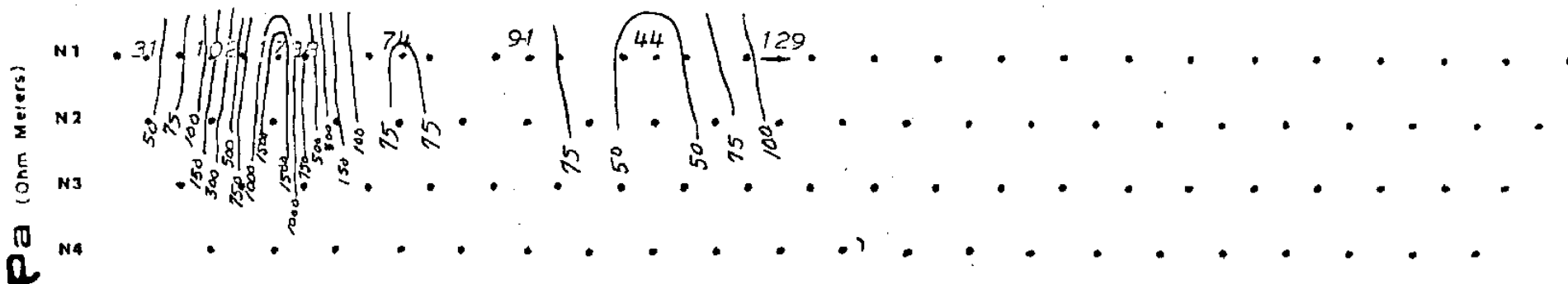
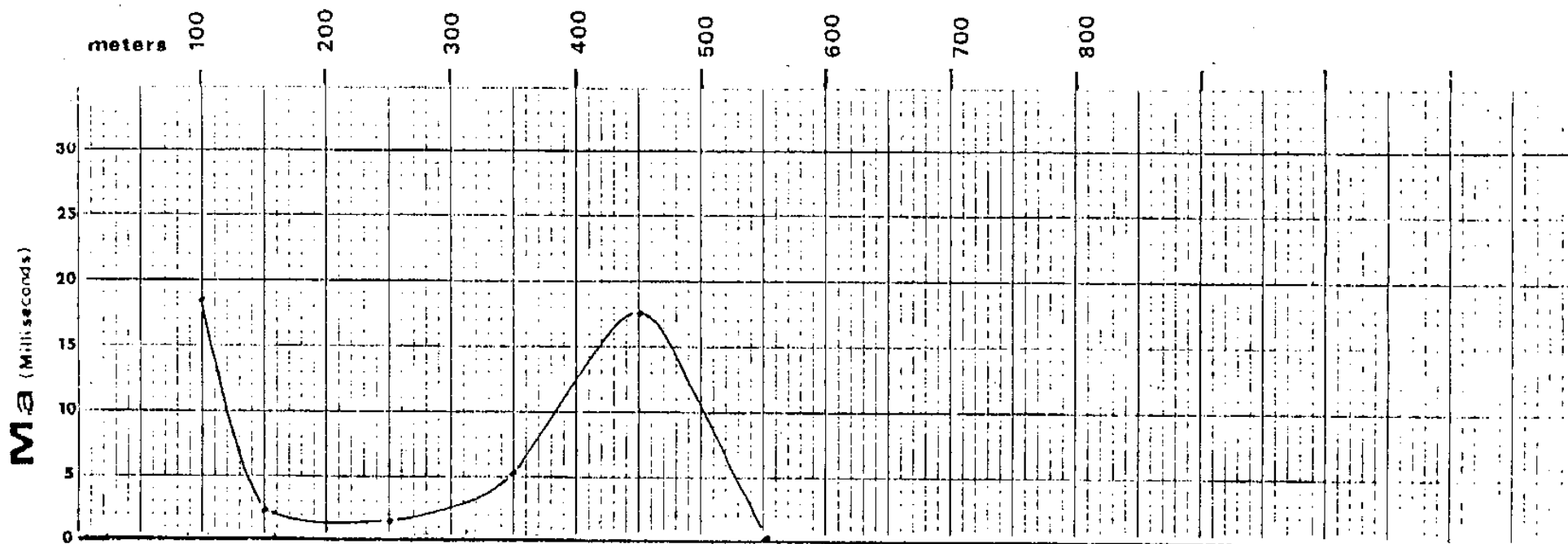
PULSE I.P.

BETHLEHEM COPPER CORPORATION
 WENNER ARRAY a = 50 m

Date JULY 31, 1979 Line N° 1 Area LOUISE LAKE

Alan B. White
 geophysical consulting
 services Ltd.

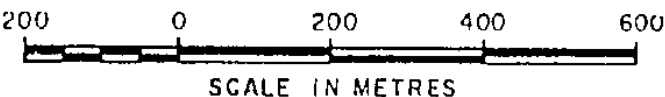




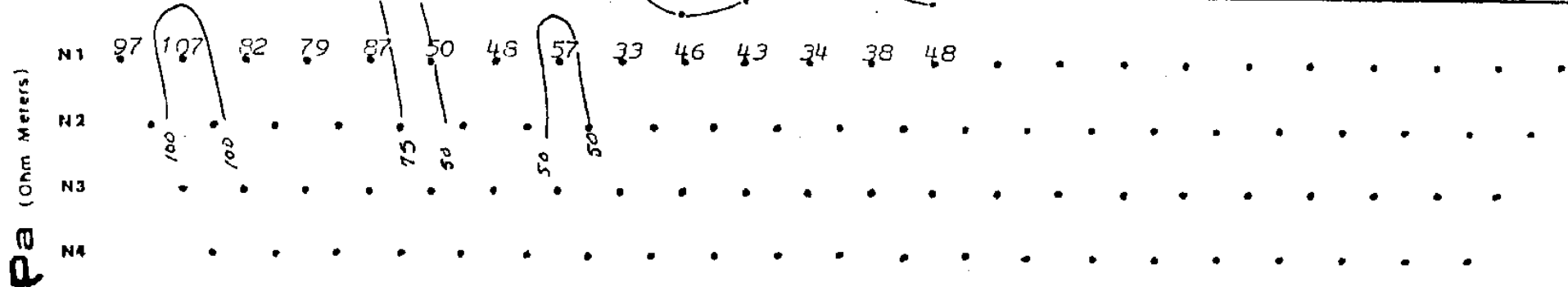
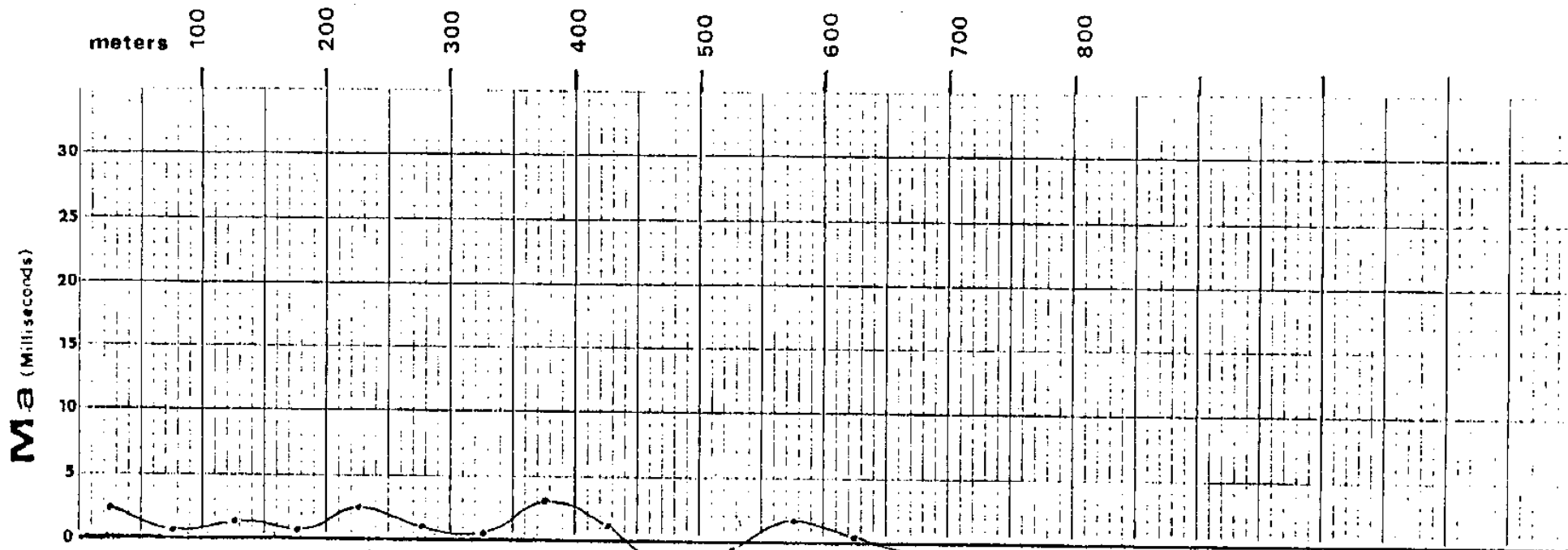
PULSE I.P.

BETHLEHEM COPPER CORPORATION
 WENNER ARRAY a = 100 m

Date JULY 31, 1979 Line N° 1 Area LOUISE LAKE



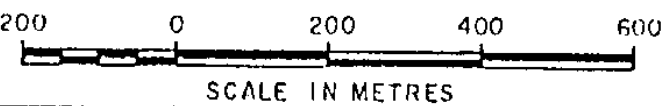
*Geo & Water
 geophysical consulting
 inc. Ltd.*



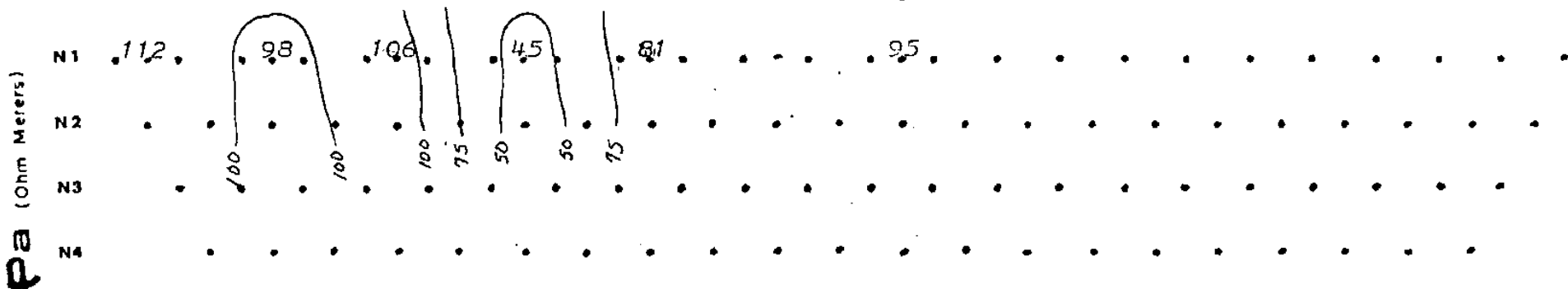
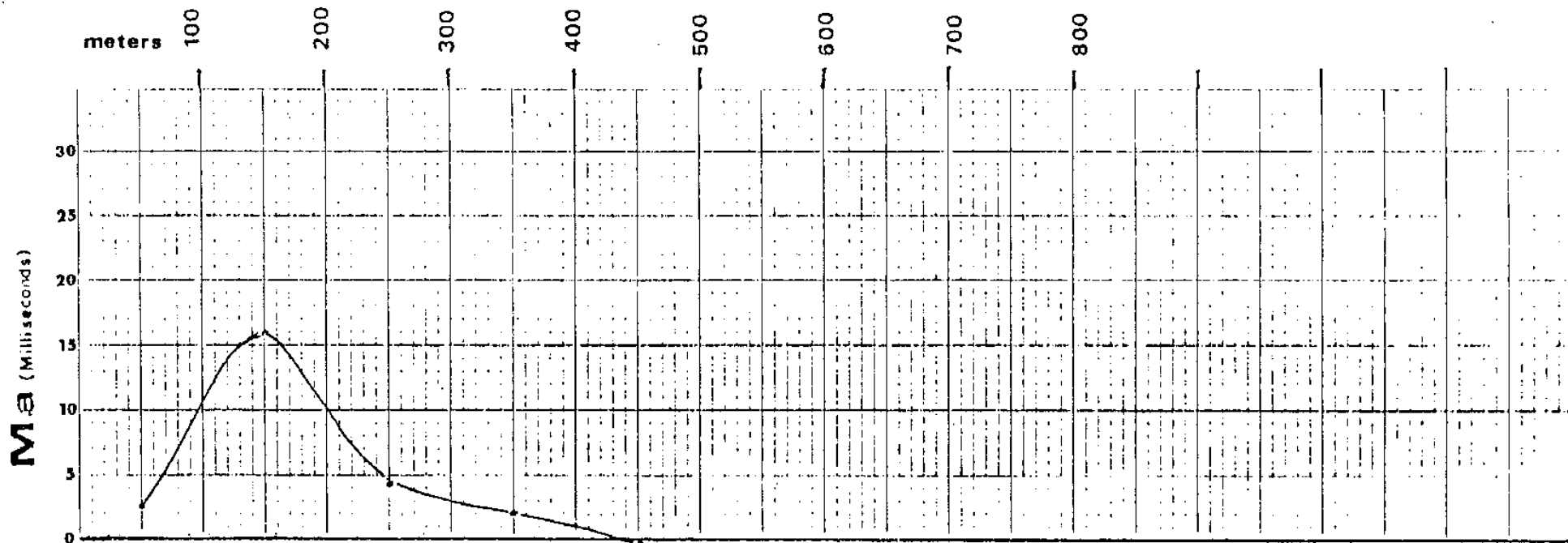
PULSE I.P.

BETHLEHEM COPPER CORPORATION
 WENNER ARRAY a = 50 m

Date JULY 31, 1979 Line N° 2 Area LOUISE LAKE



Allen E. White
 geophysical consulting
 services, Ltd.



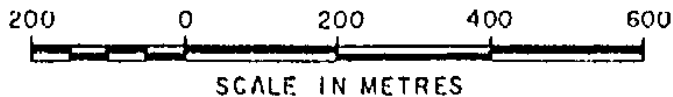
PULSE I.P.

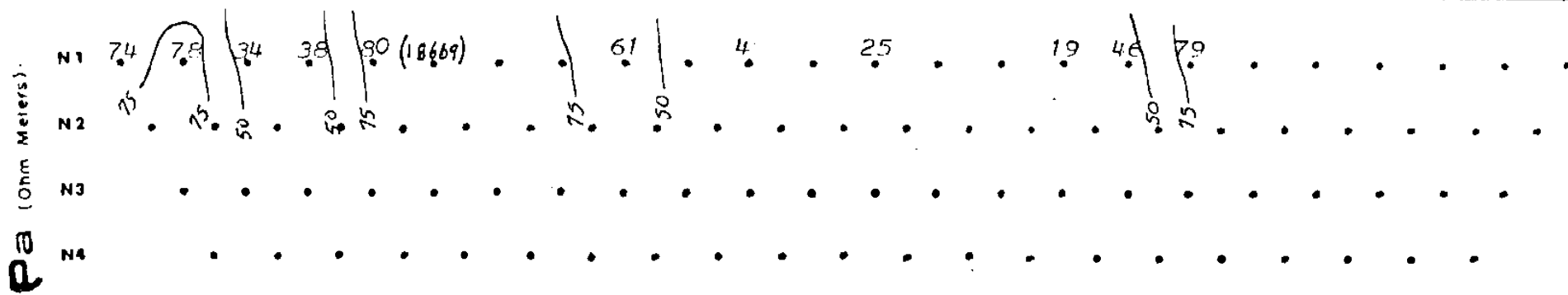
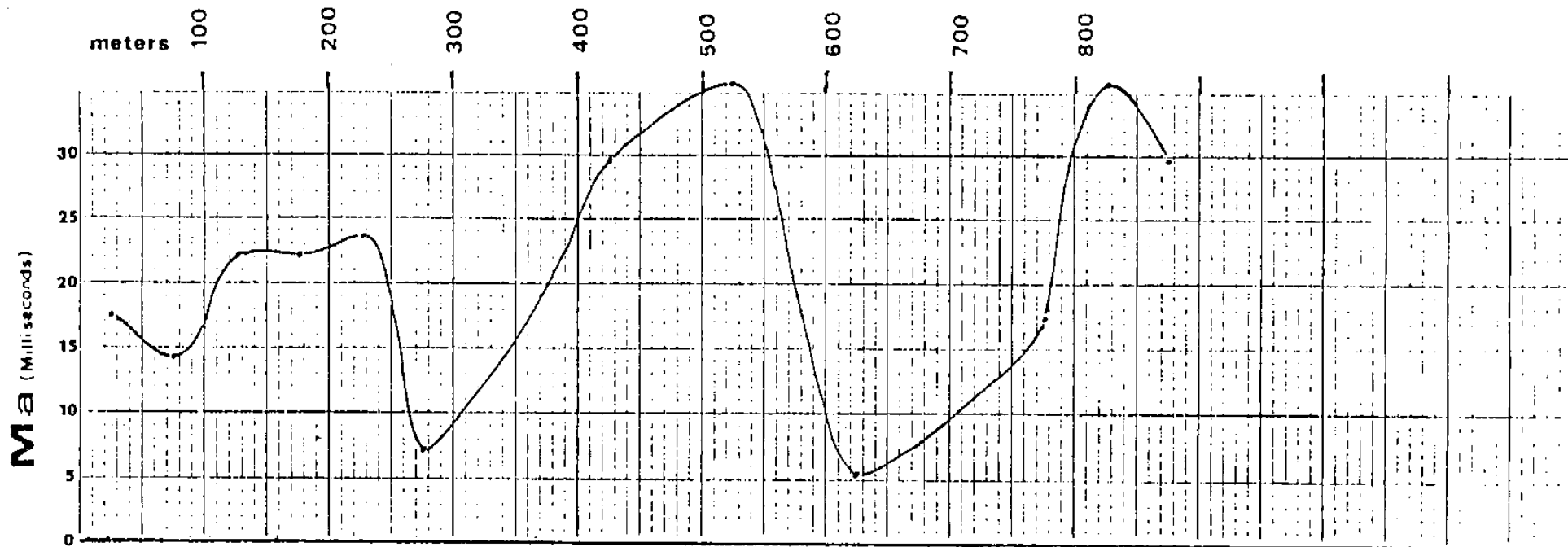
BETHLEHEM COPPER CORPORATION

WENNER ARRAY a = 100 m

Date JULY 31, 1979 Line N° 2 Area LOUISE LAKE

Glen E. White
geophysical consulting
services Ltd





PULSE I.P.

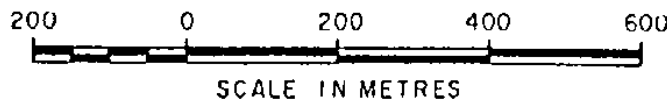
BETHLEHEM COPPER CORPORATION
 WENNER ARRAY a = 50 m

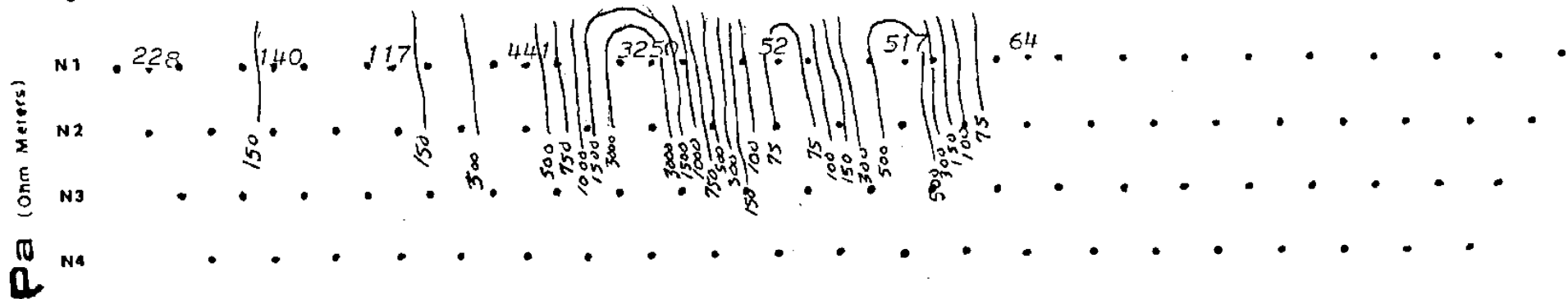
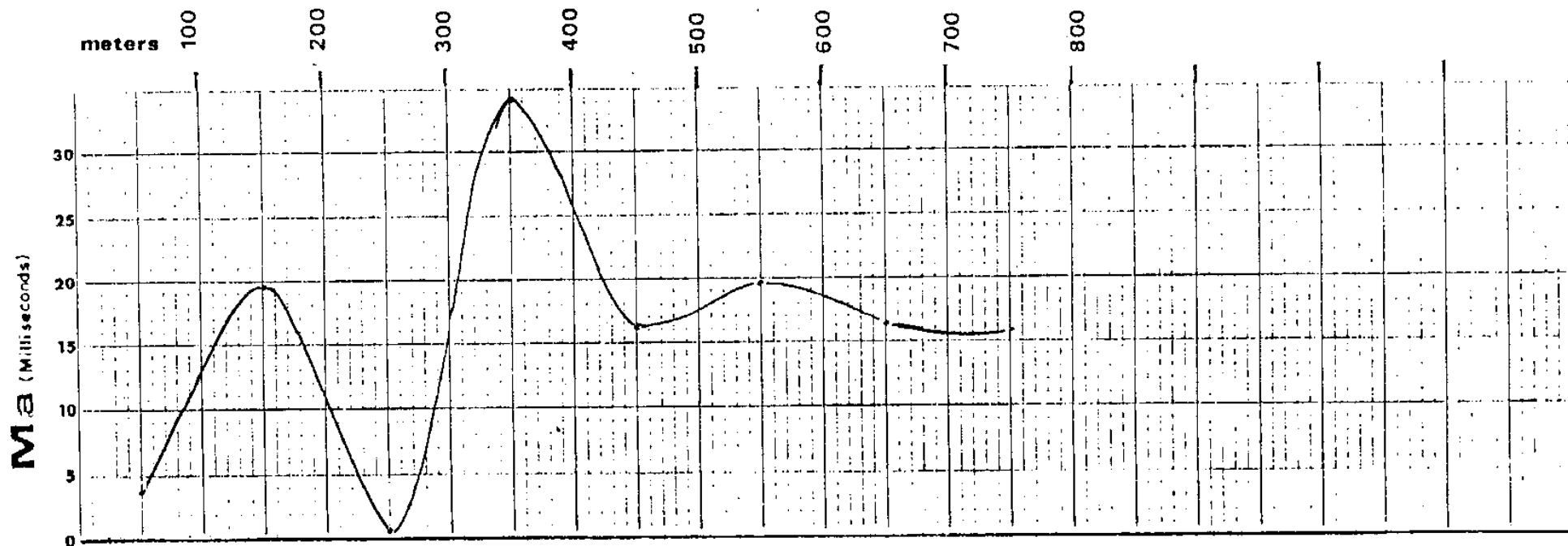
Date AUG. 1, 1979

Line N° 3

Area LOUISE LAKE

*Geo. E. White,
 geophysical consulting
 &
 services, Ltd.*



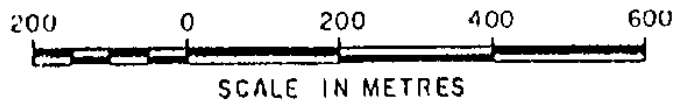


PULSE I.P.

BETHLEHEM COPPER CORPORATION

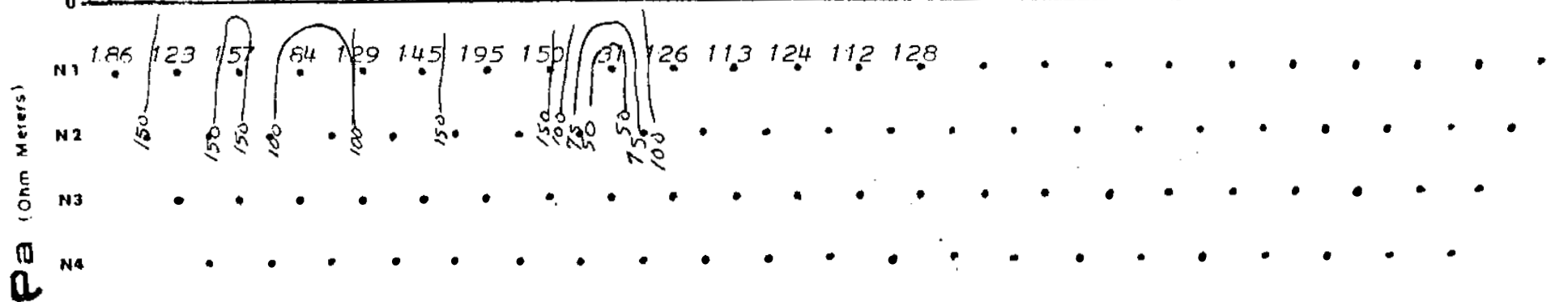
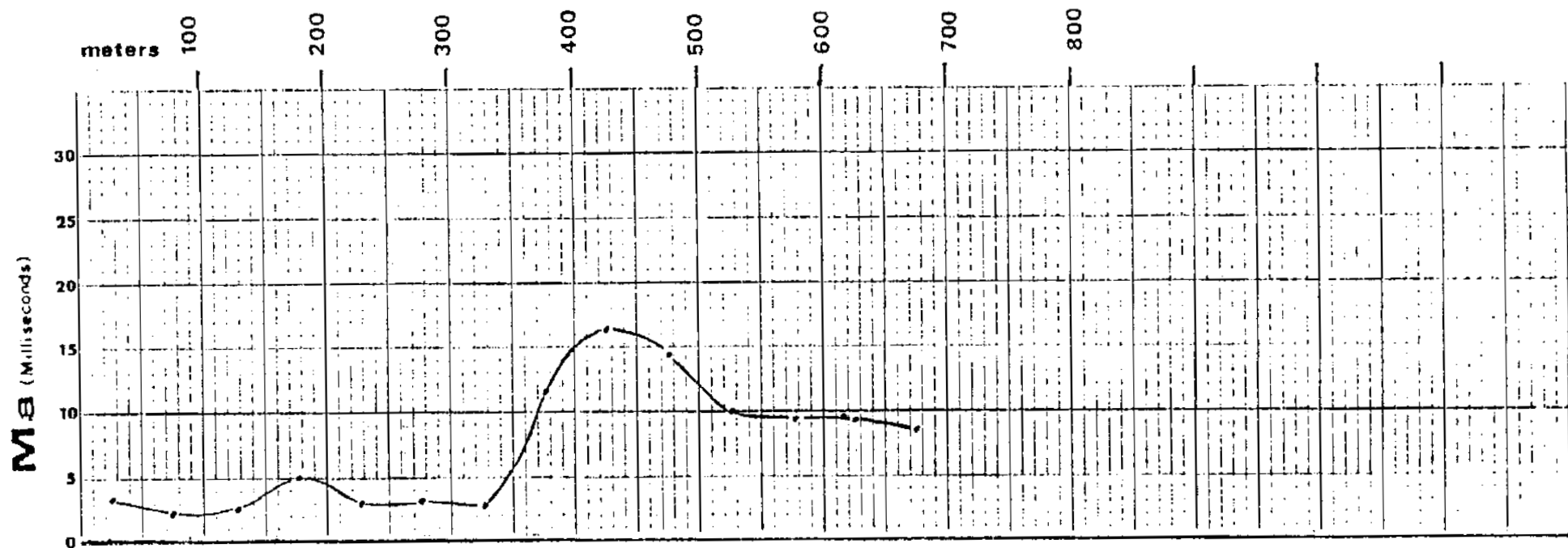
WENNER ARRAY a = 100 m

Date JULY 31, 1979 Line N^o 3 Area LOUISE LAKE



SCALE IN METRES

*Glen E. White
geophysical consulting
1001 116*



PULSE I.P.

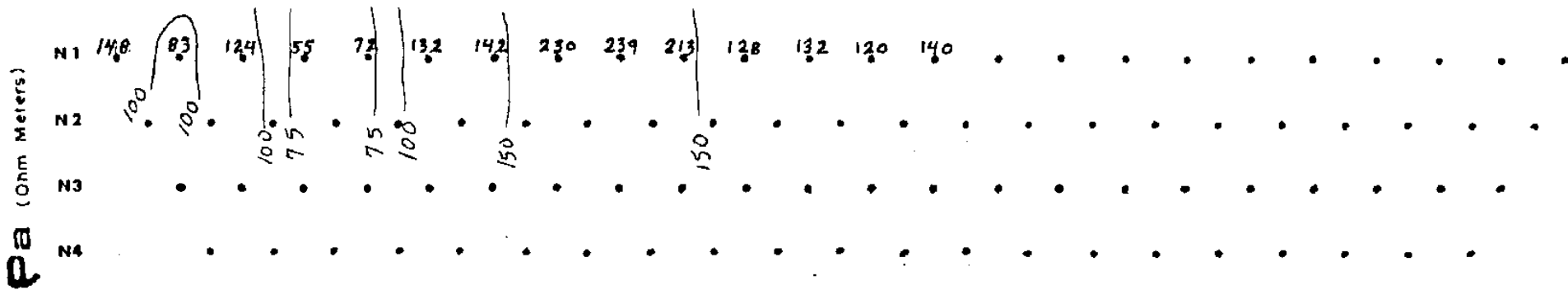
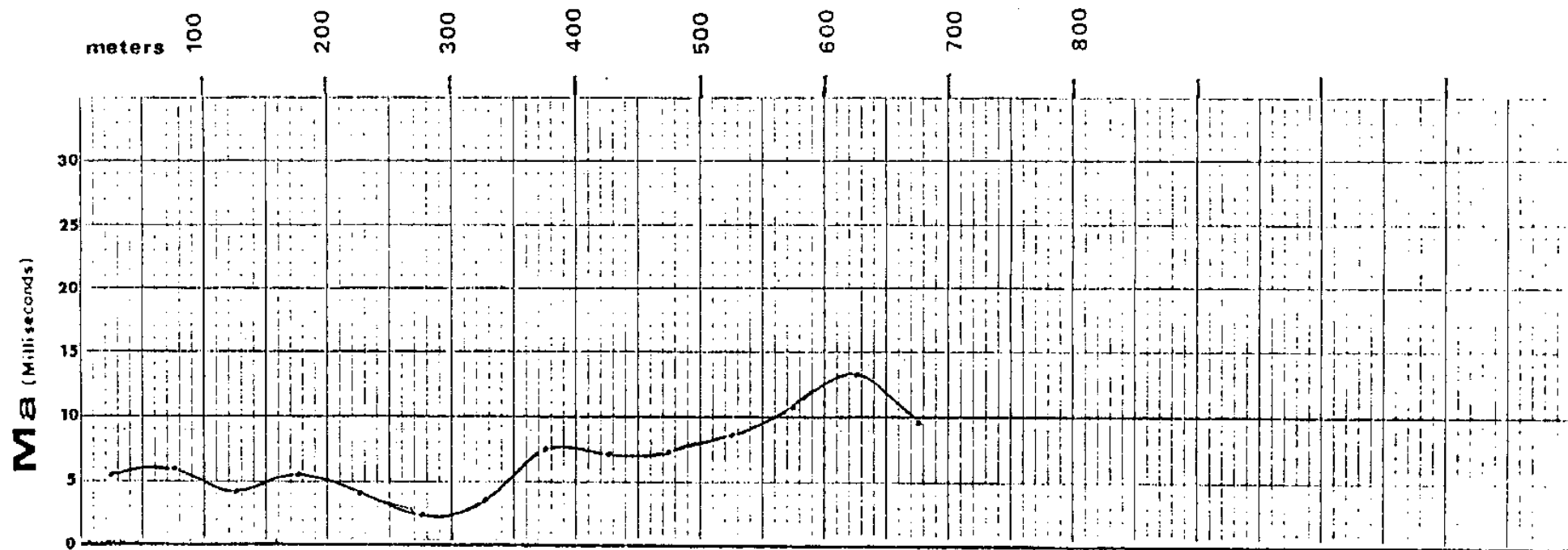
BETHLEHEM COPPER CORPORATION

WENNER ARRAY a = 50 m

Date AUG. 1, 1979 Line N° 4 Area LOUISE LAKE

*Geo. B. White
geophysical consulting
services, Ltd.*





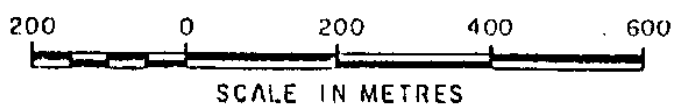
PULSE I.P.

BETHLEHEM COPPER CORPORATION

WENNER ARRAY a = 50 m

Date AUG. 1, 1979 Line N° 5 Area LOUISE LAKE

Glen E. White
geophysical consulting
services Ltd.



SECTION D - LABORATORY REPORTS

Kamloops Research and Assay Laboratory Ltd.

Report Nos.	G - 291 dated July 30, 1979
	G - 294 dated August 4, 1979
	G - 299 dated August 21, 1979
	G - 302 dated August 22, 1979
	K - 2194 dated August 28, 1979

Kamloops Research
&
Assay Laboratory
LTD.



B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7
PHONE 372-2784 • TELEX 048-8320

Max Bell
(Laminated) ✓
11 ✓

GEOCHEMICAL LAB REPORT

DATE July 30, 1979.

Bethlehem Copper Corporation,
2100 - 1055W. Hastings St.,
Vancouver, B. C. V6E 2H8

ANALYST M.F.

FILE NO. G-291

Att: Mr. R. Anderson

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo	
1	R - 16	19	2	NOBL 93L/13	31	RS - 7	95	4	93L/13
	R - 17	18	2	"		RS - 8	158	23	"
	R - 18	18	2	"		RS - 9	126	12	"
	R - 19	26	3	"		RS - 10	439	13	"
	R - 20	39	2	"		RS - 11	158	32	"
	R - 21	16	4	"		RS - 12	166	35	"
	R - 22	28	3	"		RS - 13	213	10	"
	R - 23	31	4	"		RS - 14	31	4	"
	R - 24	21	1	"		RS - 15	41	4	"
	R - 25	16	2	"		RS - 101	29	4	"
	R - 26	20	2	"		RS - 102	29	3	"
	R - 103	12	2	"		RS - 104	16	2	"
	R - 109	13	3	"		RS - 105	310	18	"
	R - 111	11	3	"		RS - 106	22	2	"
	R - 114	12	3	"		RS - 107	15	2	"
	R - 115	12	3	"		RS - 108	13	2	"
	R - 116	12	1	"		RS - 110	10	4	"
	R - 117	16	2	"		RS - 112	22	4	"
	R - 121	13	2	"		RS - 113	28	4	"
	R - 123	10	2	"		RS - 118	22	4	"
	R - 127	16	3	"		RS - 119	9	2	"
	R - 139	11	4	"		RS - 120	17	3	"
	R - 140	23	3	"		RS - 122	11	3	"
	R - 143	21	3	"		RS - 124	9	2	"
	RS - 1	85	155	"		RS - 125	4	3	"
	RS - 2	5	20	"		RS - 126	3	5	"
	RS - 3	62	30	"		RS - 128	30	4	"
	RS - 4	86	12	"		RS - 129	10	5	"
	RS - 5	110	64	"		RS - 130	9	3	"
30	RS - 6	52	7	"	60	RS - 131	13	2	"

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-297

PAGE 2

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo	
61	RS - 132	3	1	934/15		500 W + 1000 N	18	2	934/15
	RS - 133	2	1	"		500 W + 1200 N	16	1	"
	RS - 134	14	2	"		500 W + 1400 N	25	4	"
	RS - 135	7	L 1	"		750 W + 200 N	17	4	"
	RS - 136	19	1	"		750 W + 400 N	31	16	"
	RS - 137	8	1	"		750 W + 600 N	18	4	"
	RS - 138	14	4	"		750 W + 800 N	24	3	"
	00 N + 500 E	6	3	"		750 W + 1000 N	23	3	"
	00 N + 1000 E	11	3	"		750 W + 1200 N	16	2	"
	00 N + 1250 E	12	3	"		750 W + 1400 N	21	3	"
	00 N + 1500 E	11	1	"		1500 W + 00 N	27	5	"
	00 N + 1750 E	12	1	"		1500 W + 200 N	21	5	"
	00 N + 2000 E	20	1	"		1500 W + 400 N	18	4	"
	00 N + 2500 E	11	1	"		1500 W + 600 N	16	4	"
	00 N + 3000 E	10	2	"		1500 W + 800 N	11	2	"
	00 N + 3250 E	16	2	"		1500 W + 1000 N	21	2	"
	00 N + 250 W	27	5	"		1500 W + 1200 N	23	2	"
	1500 N + 500 W	20	6	"		1500 W + 1400 N	15	2	"
	1500 N + 750 W	19	4	"		1750 W + 00 N	10	2	"
	1500 N + 1000 W	19	3	"		1750 W + 200 N	10	2	"
	1500 N + 1250 W	16	4	"		1750 W + 400 N	13	3	"
	1500 N + 1500 W	12	2	"		1750 W + 600 N	21	3	"
	1500 N + 1750 W	11	2	"		1750 W + 800 N	18	4	"
	1500 N + 2000 W	17	3	"		1750 W + 1000 N	9	2	"
	1500 N + 2250 W	10	4	"		1750 W + 1200 N	20	4	"
	1500 N + 2500 W	32	5	"		2500 W + 00 N	21	3	"
	1500 N + 2750 W	9	3	"		2500 W + 200 N	21	3	"
	1500 N + 3000 W	19	4	"		2500 W + 400 N	14	3	"
	00 S + 3315 E	11	1	"		2500 W + 600 N	34	3	"
	500 W + 00 N	8	1	"		2500 W + 800 N	18	2	"
	500 W + 200 N	10	1	"		2500 W + 1000 N	20	2	"
	500 W + 400 N	32	6	"		2500 W + 1200 N	16	2	"
	500 W + 600 N	25	1	"		2750 W + 00 N	19	3	"
9A	500 W + 800 N	21	1	"	128	2750 W + 200 N	14	2	"

L = "Less than"

Kamloops Research
&
Assay Laboratory
LTD.



Bethlehem Copper Corporation,
2100-1055 W. Hastings St.,
Vancouver, B. C. V6E 2H8

Attention: Mr. R. Anderson

B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7
PHONE 372-2784 · TELEX 048-8320

GEOCHEMICAL LAB REPORT

DATE August 4, 1979.

ANALYST TL

FILE NO. G-294

KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo	KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo
1	000 W + 1500 S	274/13	25	16	31	1000 W + 3000 S	924/13	11	3
	000 W + 1750 S	"	86	10		1250 W + 500 S	"	9	L 1
	000 W + 2000 S	"	25	3		1250 W + 750 S	"	9	1
	000 W + 2250 S	"	12	5		1250 W + 1000 S	"	12	1
	000 W + 2500 S	"	18	6		1250 W + 1250 S	"	12	3
	000 W + 2750 S	"	8	6		1250 W + 1200 S	"	19	2
	000 W + 3000 S	"	12	6		1250 W + 1750 S	"	19	3
	250 W + 3000 S	"	11	5		1250 W + 2000 S	"	17	4
	500 W + 3000 S	"	9	7		1250 W + 2250 S	"	19	4
	750 W + 750 S	"	9	8		1250 W + 2500 S	"	89	5
	750 W + 1000 S	"	11	2		1250 W + 2750 S	"	44	3
	750 W + 1250 S	"	15	4		1250 W + 3000 S	"	8	3
	750 W + 1500 S	"	16	3		1500 W + 250 S	"	18	2
	750 W + 1750 S	"	25	4		1500 W + 500 S	"	11	1
	750 W + 2000 S	"	43	3		1500 W + 750 S	"	7	L 1
	750 W + 2250 S	"	43	5		1500 W + 1000 S	"	18	2
	750 W + 2500 S	"	14	5		1500 W + 1250 S	"	13	1
	750 W + 2750 S	"	11	5		1500 W + 1500 S	"	15	3
	750 W + 3000 S	"	18	6		1500 W + 1750 S	"	29	4
	1000 W + 600 S	"	17	5		1500 W + 2000 S	"	55	4
	1000 W + 750 S	"	11	6		1500 W + 2250 S	"	41	5
	1000 W + 1000 S	"	9	6		1500 W + 2500 S	"	25	6
	1000 W + 1250 S	"	12	7		1500 W + 2750 S	"	157	7
	1000 W + 1500 S	"	22	6		1500 W + 3000 S	"	32	5
	1000 W + 1750 S	"	18	5		1000 W + 200 N	"	9	4
	1000 W + 2000 S	"	54	7		1000 W + 400 N	"	20	5
	1000 W + 2100 S	"	84	11		1000 W + 600 N	"	17	5
	1000 W + 2250 S	"	32	7		1000 W + 800 N	"	23	5
	1000 W + 2500 S	"	53	8		1000 W + 1000 N	"	17	2
30	1000 W + 2750 S	"	19	9	60	1000 W + 1200 N	"	20	3

Handwritten notes: "No. 2-02", "Assay S.", and other illegible scribbles.

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-294

PAGE 2

KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo	KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo
61	1000 W + 1400 N	934/13	18	2	95	RS - 152	934/13	11	3
	1250 W + 000 N	"	16	3		RS - 153	"	7	3
	1250 W + 200 N	"	13	3		RS - 154	"	8	3
	1250 W + 400 N	"	14	3		RS - 155	"	5	1
	1250 W + 600 N	"	14	4		RS - 156	"	9	2
	1250 W + 800 N	"	11	5		RS - 158	"	8	3
	1250 W + 1000 N	"	14	4		RS - 160	"	25	4
	1250 W + 1200 N	"	19	5		RS - 161	"	24	4
	1250 W + 1400 N	"	16	7		RS - 162	"	18	5
	2000 W + 000 N	"	13	7		RS - 163	"	11	2
	2000 W + 200 N	"	13	6		RS - 164	"	5	4
	2000 W + 400 N	"	17	6		RS - 165	"	5	4
	2000 W + 600 N	"	17	6		RS - 167	"	9	6
	2000 W + 800 N	"	13	4		RS - 168	"	5	6
	2000 W + 1000 N	"	10	5		RS - 170	"	10	6
	2000 W + 1200 N	"	18	3		RS - 171	"	12	4
	2250 W + 000 N	"	14	3		RS - 172	"	8	4
	2250 W + 200 N	"	11	3		RS - 175	"	8	3
	2250 W + 400 N	"	18	3		RS - 176	"	13	4
	2250 W + 600 N	"	13	1		RS - 177	"	7	4
	2250 W + 800 N	"	11	1		RS - 178	"	9	6
	2250 W + 1000 N	"	16	2		RS - 179	"	13	5
	2250 W + 1200 N	"	17	2		RS - 183	"	15	5
	RS - 40	"	30	2		RS - 186	"	13	5
	RS - 45	"	43	1		RS - 188	"	12	7
	RS - 51	"	16	1		RS - 190	"	15	7
	RS - 55	"	18	4		RS - 191	"	10	7
	RS - 56	"	8	4		RS - 194	"	15	7
	RS - 57	"	13	4		RS - 198	"	13	6
	RS - 58	"	13	3		RS - 199	"	20	7
	RS - 148	"	7	3		RS - 302	"	16	3
	RS - 149	"	7	3		RS - 306	"	10	7
	RS - 150	"	10	3		RS - 307	"	13	6
94	RS - 151	"	6	4	128	RS - 308	"	12	4

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-294

PAGE 3

KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo	KRAL No.	IDENTIFICATION		ppm Cu	ppm Mo
129	RS - 310	934/13	9	7	163	R - 50	934/13	11	1
	RS - 311	"	8	6		R - 52	"	10	1
	RS - 312	"	16	6		R - 53	"	12	1
	RS - 313	"	13	8		R - 54	"	12	2
	RS - 314	"	14	10		R - 59	"	13	L 1
	RS - 315	"	20	6		R - 60	"	15	1
	RS - 316	"	25	10		R - 144	"	15	2
	RS - 318	"	15	8		R - 145	"	16	3
	RS - 319	"	10	5		R - 146	"	20	4
	RS - 320	"	10	5		R - 147	"	20	4
	RS - 321	"	10	5		R - 159	"	21	6
	RS - 322	"	13	3		R - 166	"	15	4
	RS - 323	"	9	6		R - 181	"	12	5
	RS - 324	"	14	6		R - 184	"	14	5
	RS - 325	"	12	9		R - 185	"	16	6
	R - 27	"	16	5		R - 187	"	12	6
	R - 28	"	21	3		R - 189	"	15	5
	R - 29	"	25	6		R - 195	"	18	5
	R - 30	"	14	7		R - 196	"	21	5
	R - 31	"	11	7		R - 197	"	16	6
	R - 32	"	18	5		R - 301	"	18	4
	R - 33	"	27	5		R - 303	"	16	3
	R - 34	"	24	5		R - 304	"	14	4
	R - 35	"	12	4		R - 305	"	13	3
	R - 36	"	15	4	187	R - 309	"	14	4
	R - 37	"	11	3					
	R - 38	"	26	8					
	R - 39	"	8	5					
	R - 41	"	15	4					
	R - 42	"	15	3					
	R - 43	"	18	3					
	R - 44	"	20	3					
	R - 48	"	15	4					
162	R - 49	"	16	3					

Method: -80 Mesh
Hot Acid Extraction
Atomic Absorption

L = "less than"

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B.C. CERTIFIED ASSAYERS

AUG 22 1979

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7
PHONE 372-2784 - TELEX 048-8320

GEOCHEMICAL LAB REPORT

DATE August 21, 1979.

Bethlehem Copper Corporation,
2100 - 1055 W. Hastings St.,
Vancouver, B. C. V6E 2H8

ANALYST DB

Att. Mr. R. Anderson

FILE NO. C-299

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo	
1	R 81	13	3	034/13E	31	RS 329	21	5	
	R 84	15	3	034/13E		RS 330	14	2	"
	R 85	9	3	"		RS 331	18	2	"
	R 332	14	8	034/13E		RS 333	15	1	"
	R 336	12	3	"		RS 334	19	2	"
	R 340	8	3	"		RS 335	24	2	"
	R 345	9	4	"		RS 338	16	2	"
	RS 61	60	5	"		RS 339	10	3	"
	RS 62	19	2	"		RS 341	16	5	"
	RS 63	35	2	"		RS 342	11	4	"
	RS 64	25	2	"		RS 343	13	5	"
	RS 65	26	2	"		RS 344	12	4	"
	RS 66	18	2	"		RS 346	17	5	"
	RS 68	22	2	"		RS 347	14	3	"
	RS 69	32	3	"		RS 348	14	3	"
	RS 70	10	2	"		RS 349	15	3	"
	RS 71	18	1	"		RS 350	13	4	"
	RS 72	20	1	"		RS 352	11	4	"
	RS 73	26	3	"		RS 354	18	4	"
	RS 74	14	2	"		RS 355	15	3	"
	RS 75	21	2	"		RS 356	11	3	"
	RS 76	15	2	"		RS 357	37	4	"
	RS 77	51	100	"		RS 358	14	3	"
	RS 78	27	3	"		RS 359	7	2	"
	RS 79	15	3	"		Line 4 Sta. 2	24	3	"
	RS 80	5	2	"		" " 3	22	3	"
	RS 82	1	2	"		" " 4	21	2	"
	RS 83	16	3	"		" " 5	19	2	"
	RS 326	8	3	"		" " 6	17	4	"
30	RS 328	5	2	"	60	Line 4 Sta. 9	18	3	"

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-299

PAGE 2

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION			
61	Line 4 Sta. 10	15	2	234/15E Blank		Method: -80 Mesh			
"	" 11	12	3	"		Hot Acid Extraction			
"	" 12	14	3	"		Atomic Absorption			
"	" 13	19	5	"					
"	" 14	20	4	"					
"	" 15	21	3	"					
	Line 5 Sta. 2	24	4	"					
"	" 3	13	4	"					
"	" 4	5	3	"					
"	" 5	12	3	"					
"	" 6	5	4	"					
"	" 7	14	4	"					
"	" 8	18	5	"					
"	" 9	11	4	"					
"	" 10	2	5	"					
"	" 11	15	5	"					
"	" 12	9	3	"					
78	Line 5 Sta. 13	8	3	"					

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B.C. CERTIFIED ASSAYERS

2095 WEST TRANS CANADA HIGHWAY - KAMLOOPS, B.C. V1S 1A7
PHONE 372-2784 - TELEX 048-8320

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HGE ✓
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GEOCHEMICAL LAB REPORT

DATE August 22, 1979.

ANALYST DB

Bethlehem Copper Corporation,
2100 - 1055 West Hastings St.,
Vancouver, B. C. V6C 2H8

FILE NO. C-302

Attention: Mr. R. Anderson

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo	KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo
1	R 86	14	5	31	R 240	15	2
	R 88	10	3		R 242	16	2
	R 89	15	3		R 243	21	3
	R 94	14	3		R 244	17	2
	R 97	22	2		R 247	18	2
	R 98	15	2		R 248	19	3
	R 99	17	3		R 249	19	1
	R 200	13	2		R 250	17	1
	R 201	10	1		R 253	41	4
	R 204	12	2		R 256	32	2
	R 206	16	2		R 261	29	1
	R 207	14	2		R 262	18	2
	R 208	14	2		R 264	26	2
	R 209	11	1		R 265	53	100
	R 212	14	1		R 361	29	3
	R 216	13	2		R 362	40	2
	R 217	23	2		R 363	23	2
	R 218	29	2		R 364	29	2
	R 219	41	3		R 365	33	2
	R 221	39	2		R 366	28	2
	R 223	31	2		R 367	27	2
	R 224	62	1		R 368	14	2
	R 226	59	3		R 369	53	2
	R 227	28	1		R 370	27	2
	R 228	25	1		R 371	32	2
	R 230	36	1		R 372	20	2
	R 231	32	2		R 373	17	2
	R 232	30	1		R 374	24	4
	R 234	39	1		R 375	22	2
30	R 235	29	1	60	R 376	22	2

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-302

PAGE 2

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo	
61	R 377	27	3		95	R 528	20	5	
	R 378	24	4			R 536	13	1	
	R 379	23	3			R 537	26	2	
	R 380	28	6			R 538	16	2	
	R 382	33	4			RS 87	10	3	
	R 383	55	3			RS 90	12	2	
	R 384	26	3			RS 91	35	6	
	R 385	24	3			RS 92	9	2	
	R 386	50	3			RS 93	12	1	
	R 388	24	5			RS 95	6	2	
	R 390	21	3			RS 96	18	1	
	R 392	23	2			RS 202	6	1	
	R 393	24	2			RS 203	12	1	
	R 394	24	2			RS 205	2	1	
	R 395	26	3			RS 210	2	1	
	R 397	20	3			RS 211	11	2	
	R 398	11	2			RS 213	15	2	
	R 399	19	2			RS 214	24	3	
	R 400	17	2			RS 215	15	2	
	R 501	18	3			RS 220	41	2	
	R 502	16	1			RS 222	48	2	
	R 503	24	2			RS 225	109	3	
	R 504	23	1			RS 229	30	2	
	R 505	21	1			RS 233	25	2	
	R 506	22	2			RS 236	37	4	
	R 507	16	2			RS 237	25	2	
	R 508	15	2			RS 238	32	2	
	R 512	22	2			RS 239	8	1	
	R 513	22	1			RS 241	19	2	
	R 515	22	2			RS 245	7	1	
	R 518	17	1			RS 246	14	1	
	R 519	58	2			RS 251	12	2	
	R 525	17	1			RS 252	21	7	
94	R 527	20	4		120	RS 254	22	7	

Kamloops Research & Assay Laboratory Ltd.

GEOCHEMICAL LAB REPORT

FILE NO. G-302

PAGE 3

KRAL No.	IDENTIFICATION	ppm Cu	ppm Mo		KRAL No.	IDENTIFICATION			
129	RS 255	26	1			Method: -80 Mesh			
	RS 257	20	1			Hot Acid Extraction			
	RS 258	15	2			Atomic Absorption			
	RS 259	32	1						
	RS 260	30	1						
	RS 263	17	1						
	RS 387	21	1						
	RS 389	27	1						
	RS 391	20	1						
	RS 396	14	2						
	RS 509	14	2						
	RS 510	20	2						
	RS 511	13	2						
	RS 514	8	1						
	RS 516	18	1						
	RS 517	19	3						
	RS 520	11	1						
	RS 521	7	2						
	RS 522	9	2						
	RS 523	6	2						
	RS 524	15	2						
	RS 526	10	2						
	RS 529	6	4						
	RS 530	5	4						
	RS 531	11	3						
	RS 532	10	1						
	RS 533	34	1						
	RS 534	10	2						
	RS 535	8	1						
	RS 539	27	5						
	2167 B	21	95						
	2168 B	107	82						
161	2169 B	38	120						



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY-KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 TELEX 048-8320

AUG 30 1979

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

-Assays
EA
HG
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AM

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation,

2100 - 1055 West Hastings St.,

Vancouver, B. C. V6E 2H8

Attention: Mr. Robin Anderson

Certificate No. K-2194

Date August 28, 1979.

I hereby certify that the following are the results of assays made by us upon the herein described drill core sample

Kral No.	Marked			GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
	D.D.H.	Footage									
		From	To								
1	2251	12	11	50	Tr						
2	2251	12	11	50	Tr						
3	2252		50	100	Tr						
4	2253		100	150	Tr						
5	2254		150	200	Tr						
6	2255		200	250	.002						
7	2256		250	300	Tr						
8	2257	12	300	349	Tr						
9	2258	11	30	50	Tr						
10	2259		50	100	Tr						
*11	2260		100	145	Tr						
*12	2261		165	200	.005						
13	2262		200	250	Tr						
14	2263		250	300	Tr						
15	2264	11	300	350	Tr						
16	2265	8	20	50	Tr						
17	2266		50	100	Tr						
18	2267		100	150	.005						
19	2268		150	200	.005						
20	2269	8	200	250	Tr						

NOTE:

Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.

Tr denotes "trace"

DAB In Res
.....
Registered Assayer, Province of British Columbia



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY-KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 . TELEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation

Certificate No. K-2194

Date August 28, 1979

I hereby certify that the following are the results of assays made by us upon the herein described drill core samples

Kral No.	DDH	Marked		GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
		From	To								
21	2270	8	250	300	Tr						
22	2271	8	300	350	Tr						
23	2272	9	30	50	.005						
24	2273		50	100	Tr						
25	2274		100	150	Tr						
26	2275	9	150	200	.005						
27	2276	2	350	398	Tr						
28	2277		300	350	Tr						
29	2278		250	300	Tr						
30	2279		200	250	Tr						
31	2280		150	200	Tr						
32	2281		100	150	.005						
33	2282		50	100	.005						
34	2283	2	16	50	.005						
35	2284	9	200	250	Tr						
36	2285	9	250	308	.005						
37	2286	7	26	50	Tr						
38	2287		50	100	Tr						
39	2288		100	150	Tr						
40	2289	7	150	208	Tr						

NOTE:

Rejects retained three weeks
Pulps retained three months

.....
Registered Assayer Province of British Columbia



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY-KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 • TELEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation

Certificate No. K-2194

Date August 28, 1979.

I hereby certify that the following are the results of assays made by us upon the herein described drill core sample.

Kral No.	Marked				GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
	DDH.	Footage										
		From	To									
41	2290	6	30	50	- - Tr							
42	2291		50	100	- - Tr							
43	2292		100	150	- - Tr							
44	2293		150	200	- - Tr							
45	2294		200	250	- - Tr							
46	2295		250	300	- - .01							
47	2296	6	300	352	- - Tr							
48	2297	3	25	50	.003							
49	2298		50	100	Tr							
50	2299		100	150	- - .01							
51	2300	3	150	200	- - .015							
52	2301	10	32	50	- - Tr							
53	2302		50	100	- - .005							
54	2303		100	150	- - .01							
55	2304		150	200	- - Tr							
56	2305		200	250	- - Tr							
57	2306		250	300	- - Tr							
58	2307	10	300	350	- - .01							
59	2308	3	200	250	- - .01							
60	2309	3	250	300	Tr							

NOTE:

Rejects retained three weeks
Pulps retained three months

D. B. J. R. B.
.....
Registered Assayer, Province of British Columbia



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY—KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 · TELEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation

Certificate No. K-2194

Date August 28, 1979

I hereby certify that the following are the results of assays made by us upon the herein described drill core sample.

Kral No.	Marked		FOOTAGE		GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
	DDH	From	To	Feet								
61	2310	3	300	350	.01							
62	2311	3	350	400	Tr							
63	2312	3	400	450	.01							
64	2313	3	450	500	.005							
65	2314	4	30	50	Tr							
66	2315		50	100	.01							
67	2316		100	150	Tr							
68	2317		150	200	.002							
69	2318		200	250	Tr							
70	2319		250	300	.003							
71	2320		300	350	.01							
72	2321		350	400	.003							
73	2322		400	450	.02							
74	2323	4	450	507	.011							
75	2324	13	20	50	.002							
76	2325		50	100	Tr							
77	2326		100	150	Tr							
78	2327		150	200	Tr							
79	2328		200	250	Tr							
80	2329		250	300	Tr							

NOTE:

Rejects retained three weeks
Pulps retained three months

Das for R&B



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY-KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 TELEEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation

Certificate No. K-2194

Date August 28, 1979.

I hereby certify that the following are the results of assays made by us upon the herein described drill core samples

Kral No.	Marked	Footage		GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
		DDH	From								
81	2330	13	300	350	- - Tr						
82	2331	5	21	50	- - Tr						
83	2332		50	100	- - Tr						
84	2333		100	150	- - Tr						
85	2334		150	200	- - .023						
86	2335		200	250	- - Tr						
87	2336		250	300	- - .005						
88	2337		300	350	- - Tr						
89	2338	5	350	398	- - .005						
90	2339	1	41	100	.01						
91	2340		100	150	.002						
92	2341		150	200	- - Tr						
93	2342		200	250	- - Tr						
94	2343		250	300	- - .003						
95	2344		300	350	- - Tr						
96	2345		350	400	- - Tr						
97	2346		400	450	- - .005						
98	2347	1	450	502	- - Tr						
99	2348	15	20	50	Tr						
100	2349	15	50	100	.01						

NOTE:

Rejects retained three weeks
Pulps retained three months

DAB for RCB

.....
of British Columbia



Kamloops Research & Assay Laboratory Ltd.

2095 WEST TRANS CANADA HIGHWAY-KAMLOOPS, B.C. V1S 1A7
TELEPHONE 372-2784 - TELEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Bethlehem Copper Corporation

Certificate No. K-2194

Date August 28, 1979

I hereby certify that the following are the results of assays made by us upon the herein described drill core samples

Kral No.	Marked	Footage		GOLD Ounces Per Ton	SILVER Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent
		DDH	FLCM								
101	2350	15	100	150	- - Tr						
102	2351		150	200	- - Tr						
103	2352		200	250	- - Tr						
104	2353		250	300	- - Tr						
105	2354	15	300	350	- - .003						
106	2355	16	25	50	Tr						
107	2356		50	100	- - Tr						
108	2357		100	150	- - .01						
109	2358		150	200	- - Tr						
110	2359		200	250	Tr						
111	2360		250	300	- - Tr						
112	2361	16	300	350	Tr						
113	2362	14	28	50	Tr						
114	2363		50	100	Tr						
115	2364		100	150	Tr						
116	2365		150	200	Tr						
117	2366		200	250	Tr						
118	2367		250	300	- - Tr						
119	2368	14	300	353	- - Tr						
120	3001				Tr						

NOTE:

Rejects retained three weeks
Pulps retained three months.

c.c. Mr. Jon Collins

DAB for PEB
.....
Registered Assayer, Province of British Columbia

SECTION E

SECTION E - SCHEDULE OF MINERAL CLAIMS

ROB CLAIMS, OMINECA MINING DIVISION

<u>NAME OF CLAIM</u>	<u>RECORD NUMBER</u>	<u>TAG NUMBER</u>	<u>DATE RECORDED</u>	<u>EXPIRY DATE</u>
ROB 1 (12 units)	1695 (4)	06880	April 17, 1979	April 17, 1980
ROB 2 (16 units)	1696 (4)	06881	April 17, 1979	April 17, 1980
ROB 3 (18 units)	1697 (4)	06882	April 17, 1979	April 17, 1980
ROB 4 (15 units)	1698 (4)	06883	April 17, 1979	April 17, 1980

SECTION F - STATEMENT OF QUALIFICATIONS

I, Arthur Morris, residing at 1644 Nelson Street, Apartment 2304, Vancouver, B.C., hereby certify that:

I attended the University of British Columbia, Vancouver, B.C. and attained the degrees B.A. (1946) and M.A. (1948) in the geological sciences.

During the subsequent thirty-two years I have been practicing my profession, mostly in the field of exploration geology, for base metals and uranium.

I am a member of the Canadian Institute of Mining and Metallurgy, a Fellow of the Geological Association of Canada. and a member of the Association of Professional Engineers of British Columbia.

I am employed by Bethlehem Copper Corporation and am the project supervisor for the Molybdenum Belt exploration program of the Bethlehem Copper Corporation, Petro-Canada Exploration Inc., Gränges Exploration Aktiebolag and E & B Explorations Ltd. joint venture.

SECTION G

-

ILLUSTRATIONS

<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
MB-79-33	General Location Plan (93L)	1:250,000
MB-79-34	Sample Location and Regional Geology (93L/13)	1: 50,000
MB-79-37	Louise Lake - Mineral Claims	1: 10,000
MB-79-38	Louise Lake - Geochemical Survey (Cu)	1: 10,000
MB-79-39	Louise Lake - Geochemical Survey (Mo)	1: 10,000
MB-79-40	Louise Lake - Geophysical Survey	1: 10,000

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	1979 Program	2
	General Geology	3
	Structural Geology	4
	Mineralization	4
	Geological Consulting Services	4
	Geophysics (I.P. Surveys 1970, 1971, 1979)	5
	Geochemistry	6
	Conclusions and Recommendations	8
	References	after page 9
SECTION B	- STATEMENT OF EXPENDITURES	
SECTION C	- GEOPHYSICAL SURVEY	
SECTION D	- LABORATORY REPORTS	
SECTION E	- SCHEDULE OF MINERAL CLAIMS	
SECTION F	- STATEMENT OF QUALIFICATIONS	
SECTION G	- ILLUSTRATIONS	

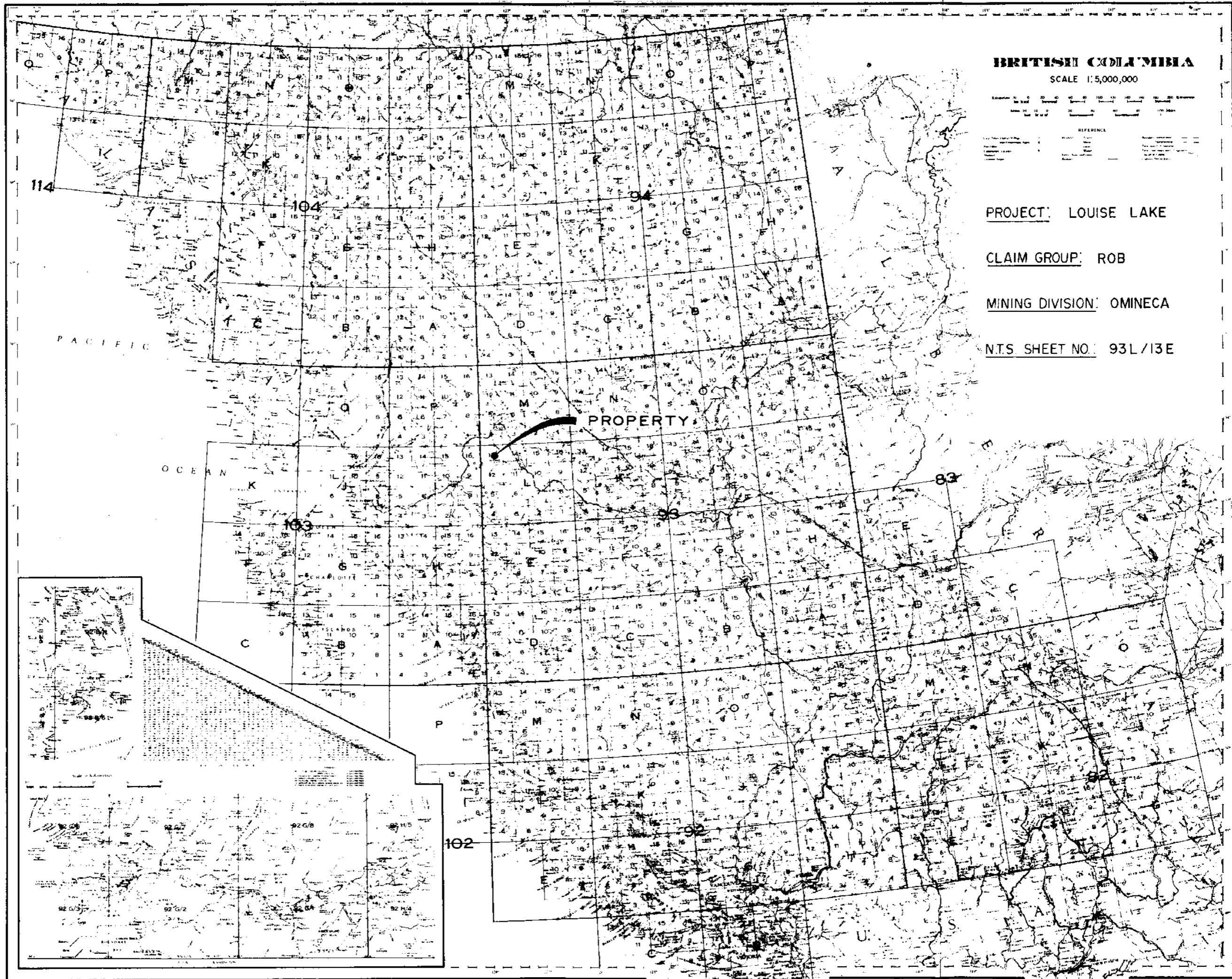
<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
MB-79-33	General Location Plan (93L)	1:250,000
MB-79-34	Sample Location and Regional Geology (93L/13)	1:50,000
MB-79-37	Louise Lake - Mineral Claims	1:10,000

Cont'd./

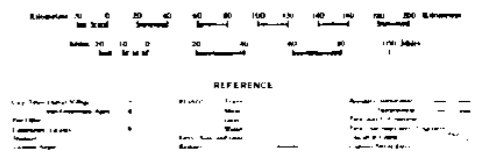
SECTION G

- ILLUSTRATIONS Cont'd.

<u>Drawing No.</u>	<u>Title</u>	<u>Scale</u>
MB-79-38	Louise Lake - Geochemical Survey (Cu)	1:10,000
MB-79-39	Louise Lake - Geochemical Survey (Mo)	1:10,000
MB-79-40	Louise Lake - Geophysical Survey	1:10,000



BRITISH COLUMBIA
SCALE 1:5,000,000



PROJECT: LOUISE LAKE

CLAIM GROUP: ROB

MINING DIVISION: OMINECA

N.T.S. SHEET NO.: 93L/13E

PROPERTY

114

104

94

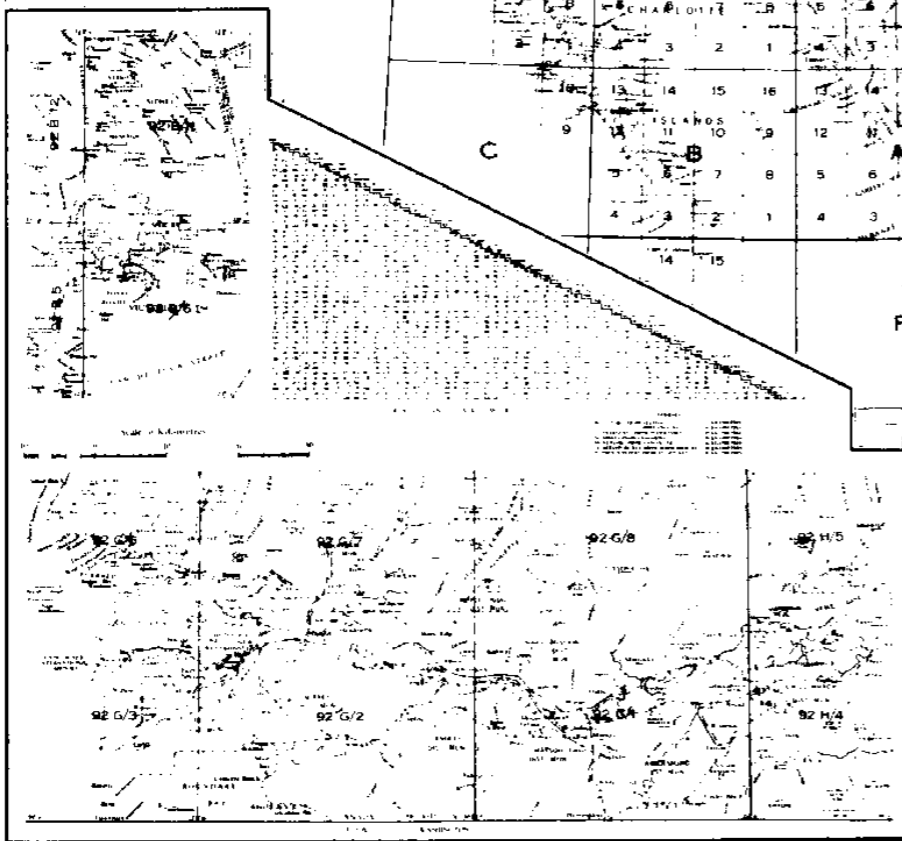
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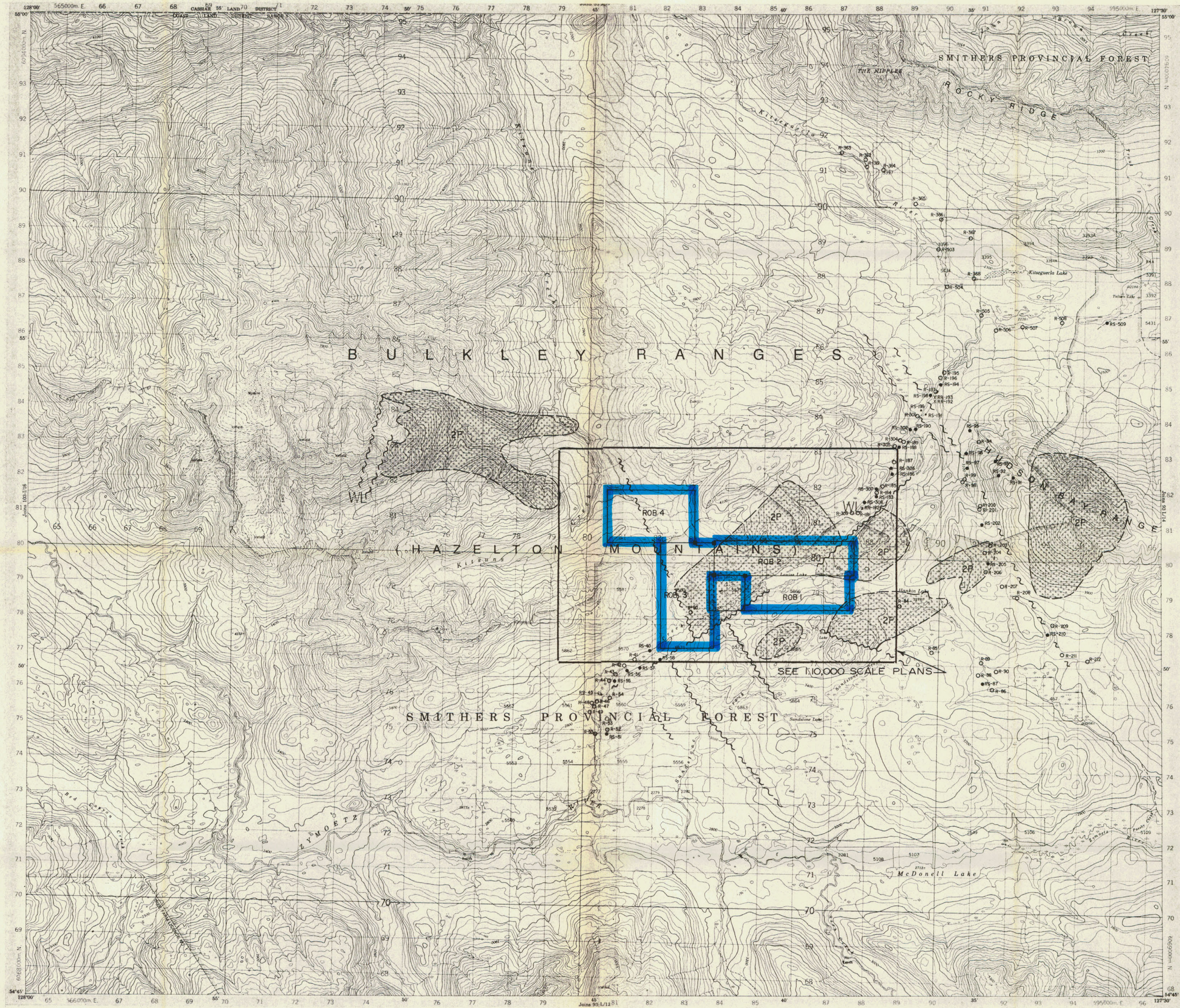
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103

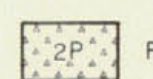
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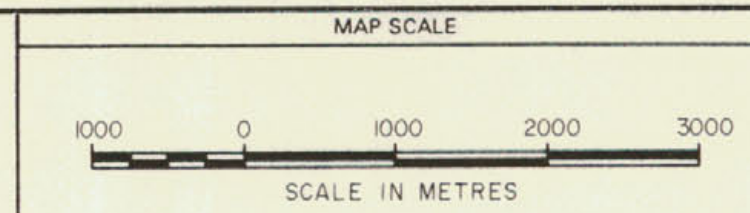
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MINERAL RESOURCES BRANCH
1961
 NO.

LEGEND
 FELDSPAR PORPHYRY



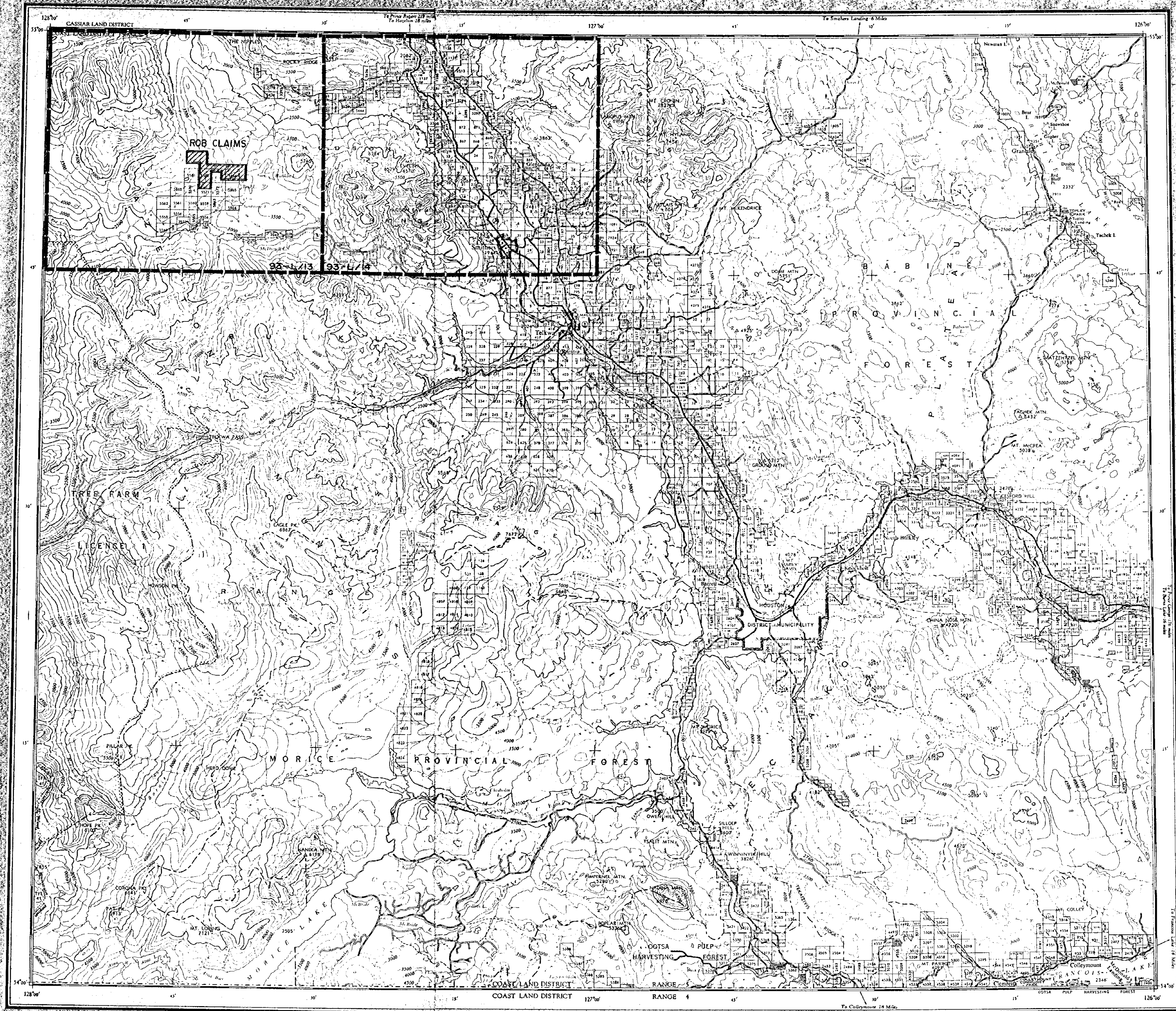
NOTE: GEOLOGY FROM BC DEPT. OF MINES MAP No. 69-1

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B BETHLEHEM
 COPPER
 CORPORATION

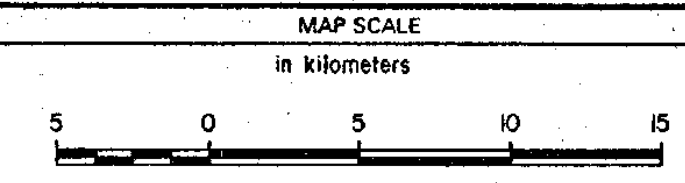
MOLYBDENUM BELT JOINT VENTURE
 SAMPLE LOCATION AND
 REGIONAL GEOLOGY

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JAN 1980		E. A.		VANCOUVER	EXPLORATION	N.T.S. 93-L/13	1:50,000	MB-79-34



7961
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NO-1041-BC



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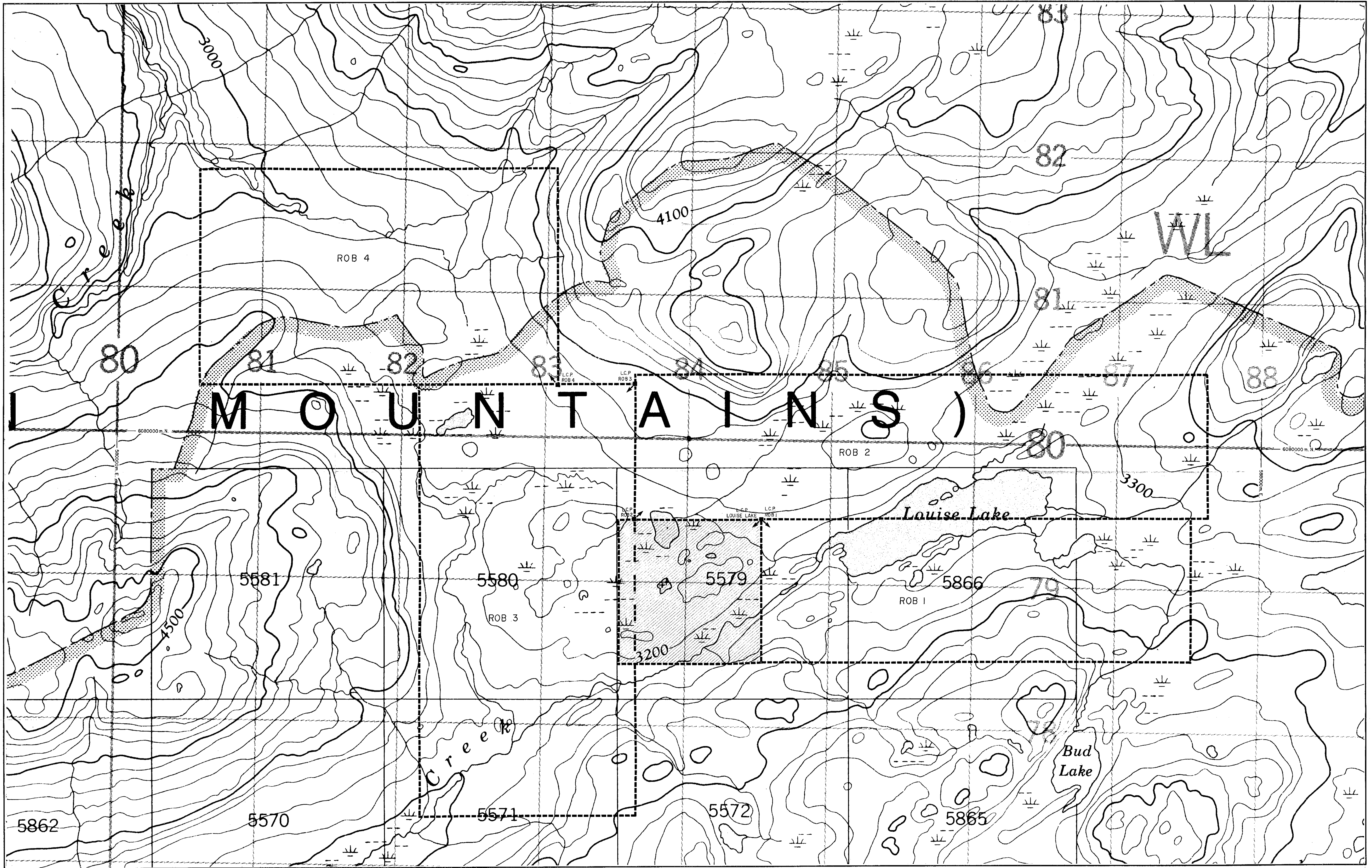
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B BETHLEHEM
COPPER
CORPORATION

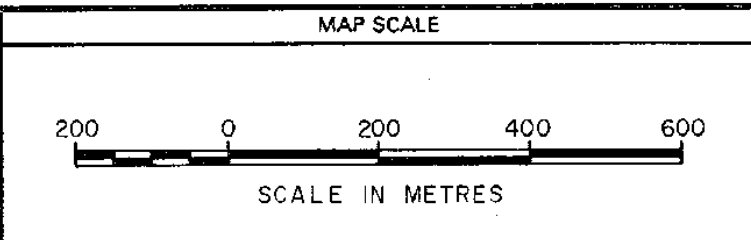
MOLYBDENUM BELT JOINT VENTURE

GENERAL LOCATION PLAN

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
VANCOUVER	EXPLORATION	NTS 93/L	1:250,000	MB-79-33



UTM GRID ZONE 9
 7961
 NO

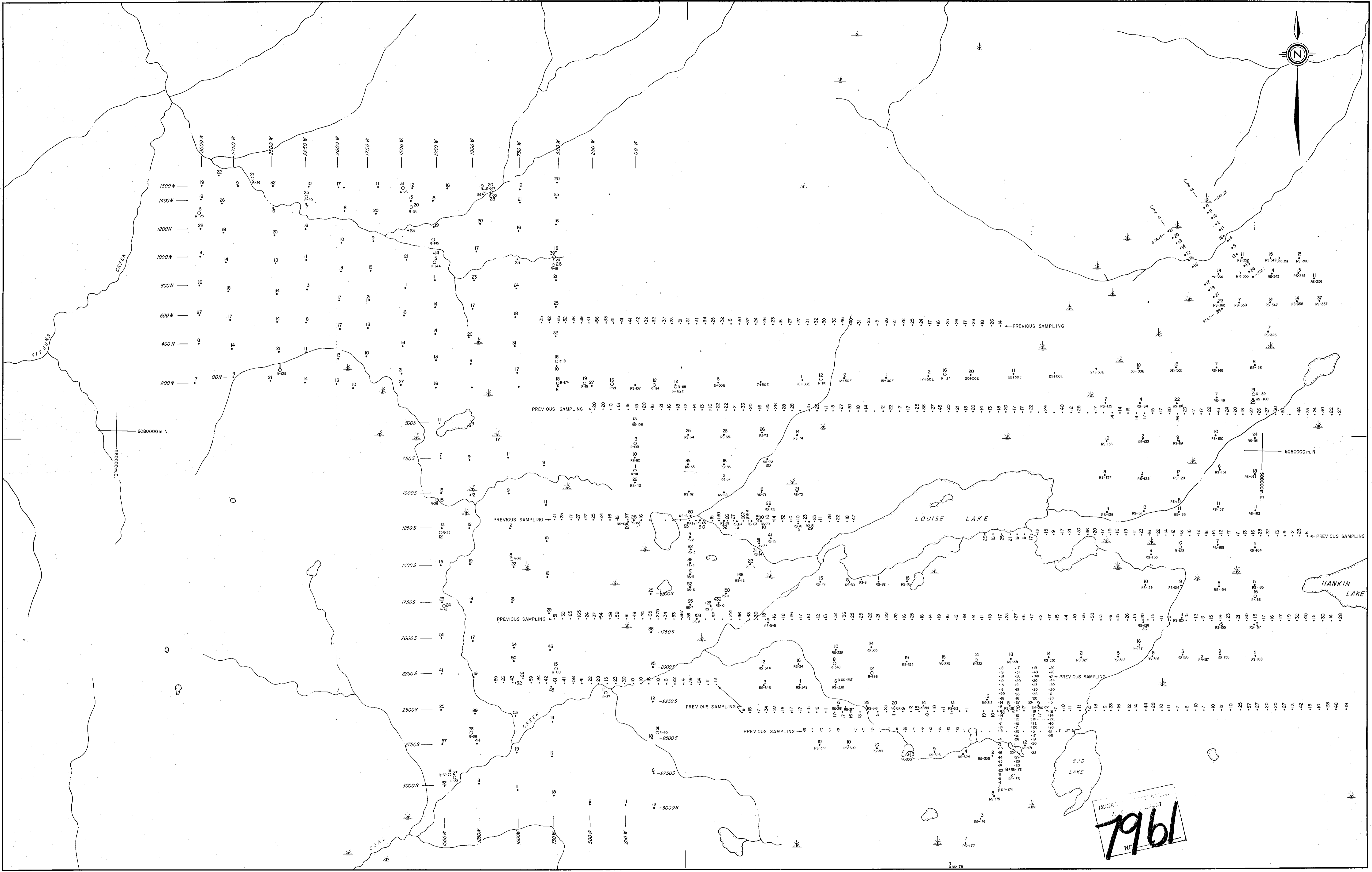


NO.	DATE	MADE BY	DESCRIPTION

B BETHLEHEM
 COPPER
 CORPORATION

MOLYBDENUM BELT JOINT VENTURE
 LOUISE LAKE PROJECT
 MINERAL CLAIMS

DATE	DRAWN BY	CHECKED	APPROVED	OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
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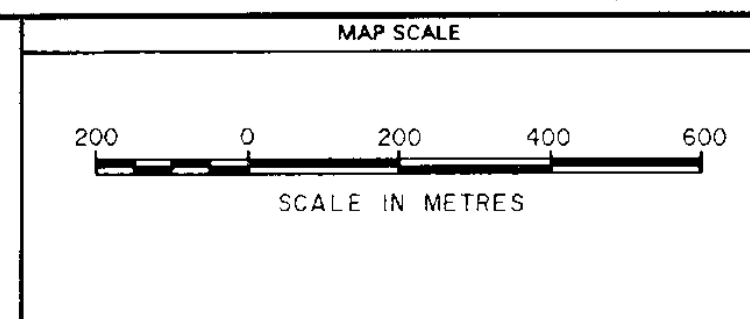


MINERAL
PROPERTY
7961
NO.

UTM GRID ZONE 9

LEGEND

- STREAM SAMPLE
- SOIL SAMPLE
- ✕ ROCK SAMPLE
- PREVIOUS SAMPLING (Done by others)



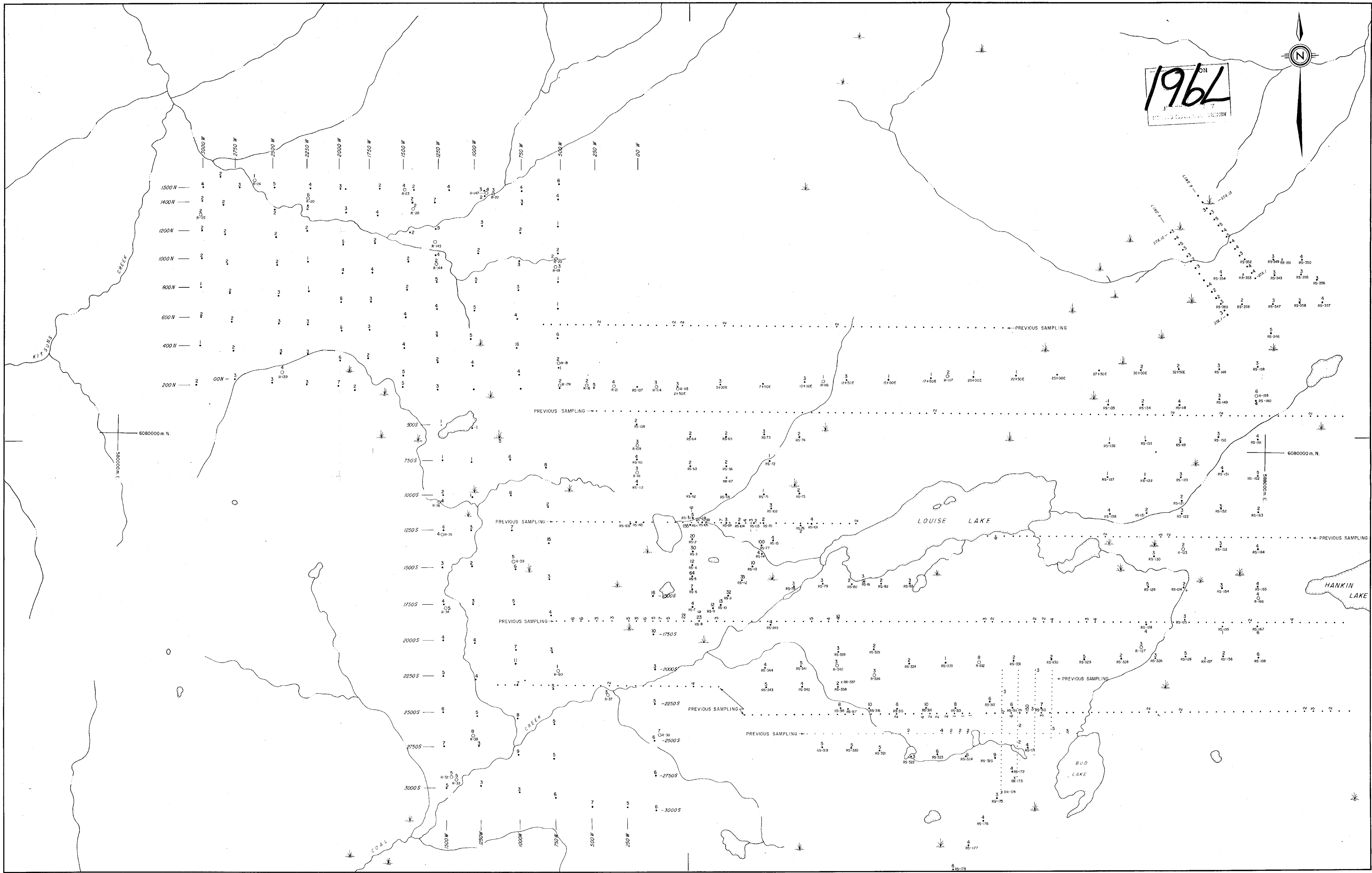
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B BETHLEHEM COPPER CORPORATION

MOLYBDENUM BELT JOINT VENTURE
LOUISE LAKE PROJECT
GEOCHEMICAL SURVEY
Cu-PPM

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
VANCOUVER	EXPLORATION	93-L/15	1:10,000	MB-79-38

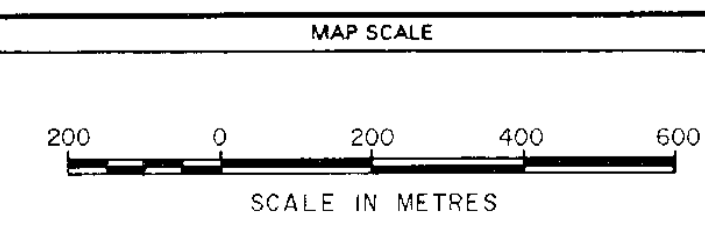


1967
 JULY 1979
 M.B. 79-39



U.T.M.
 GRID
 ZONE
 9

LEGEND
 ○ STREAM SAMPLE
 ● SOIL SAMPLE
 x ROCK SAMPLE
 * PREVIOUS SAMPLING (Done by others)



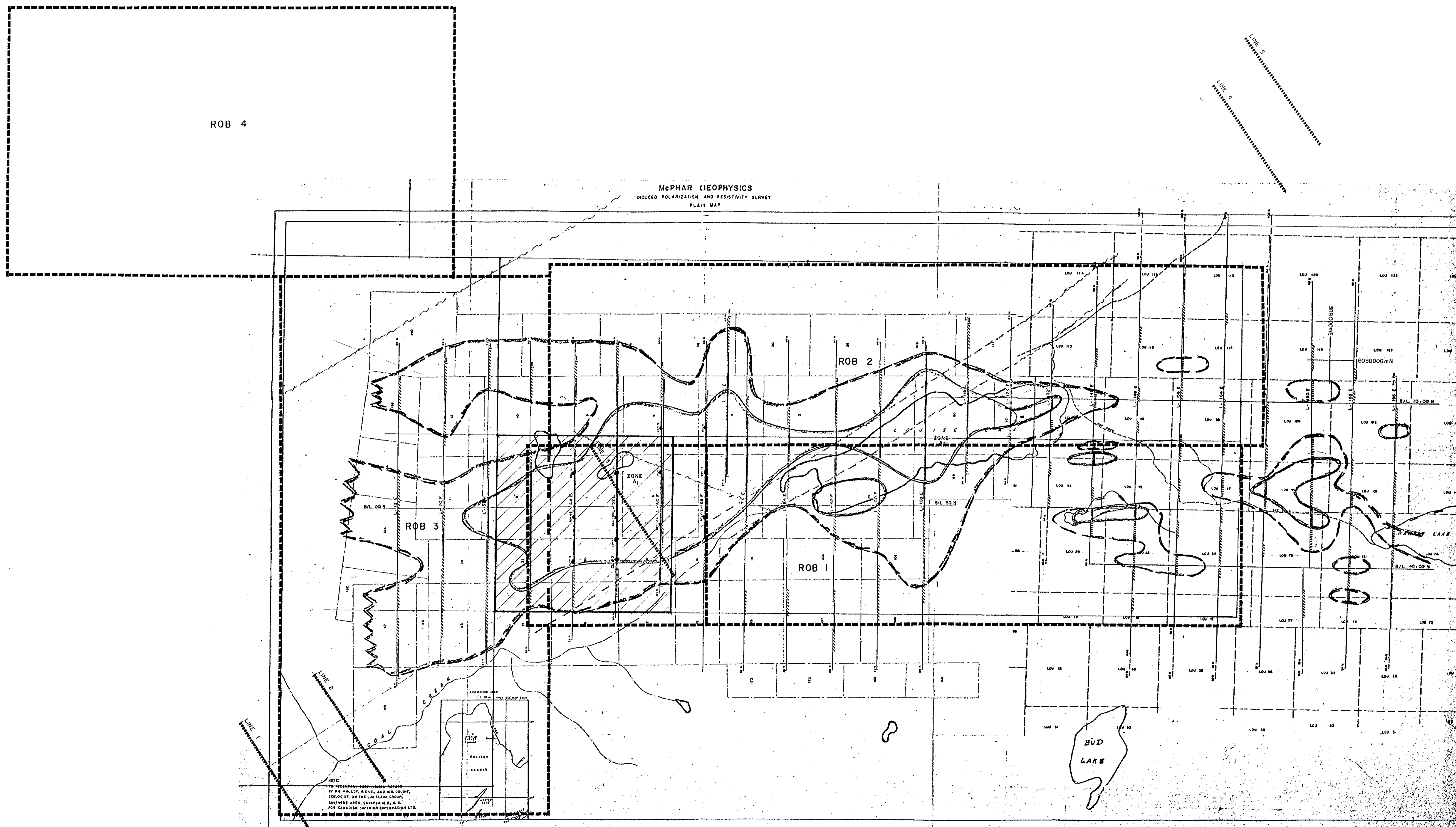
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B BETHLEHEM
 COPPER
 CORPORATION

MOLYBDENUM BELT JOINT VENTURE
 LOUISE LAKE PROJECT
 GEOCHEMICAL SURVEY
 Mo-PPM

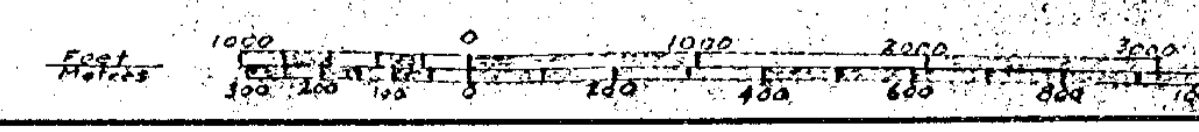
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JULY 1979	Altch /	E. A.		VANCOUVER	EXPLORATION	93-L/13	1:10,000	MB-79-39

196L



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 LOU GROUP, SMITHERS AREA, QUINCEA M.D., B.C.

DEFINITE ANOMALOUS ZONE
 LESS DEFINITE ANOMALOUS ZONE



NOTE:
 TO INTERPRET DATA CORRECTLY
 BY THE METHOD OF THE I.P. SURVEY,
 SEE THE I.P. SURVEY MANUAL,
 SOUTHERN AREA, QUINCEA M.D., B.C.,
 FOR CANADIAN SUPERIOR EXPLORATION LTD.

UTM GRID ZONE 9	1973 I.P. SURVEY	MAP SCALE 200 0 200 400 600 SCALE IN METRES		No. 1 Date MADE BY DESCRIPTION	B BETHLEHEM COPPER CORPORATION	MOLYBDENUM BELT JOINT VENTURE LOUISE LAKE PROJECT GEOPHYSICAL SURVEY		
		DATE FEB / 1980	DRAWN BY	CHECKED		APPROVED	OFFICE VANCOUVER	DEPARTMENT EXPLORATION