

4195

REPORT ON THE
LARA CLAIM GROUP
OMINICA MINING DIVISION
NORTHERN B. C.

94B/5E

Lara #1 to #42 Record #108234 to #108275
Lara #43 to #52 Record #116995 to #117004

Latitude 56°27'N
Longitude 123°36'W

N.T.S. 94B-5E

	Department of
	Mines and Petroleum Resources
for	ASSESSMENT REPORT
NO.	4195
	MAP.....

MONETA PORCUPINE MINES LTD.

by:

G. C. GUTRATH, P.Eng.
ATLED EXPLORATION MANAGEMENT LTD.
Vancouver, B. C.

January, 1973

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LARA CLAIM GROUP
OMINICA MINING DIVISION
MONETA PORCUPINE MINES LTD.

INTRODUCTION

The exploration program of geological mapping and geochemical soil and silt sampling was started on September 17, 1972 and because of difficult weather conditions was not completed until October 1, 1972.

The exploration program was carried out at the request of Mr. D. M. Mercier, president of Moneta Porcupine Mines Ltd.

SUMMARY

The property, consisting of 52 contiguous claims, is located in the Rocky Mountains, 110 miles west of Fort St. John in northeastern British Columbia.

The Lara property is underlain by platy impure limestone and dolomites of Middle Devonian age. This formation is in contact on the east with sediments of Silurian age. To the west sediments of Ordovician age have been thrust faulted over the Silurian and Devonian rocks and are

in contact with the Middle Devonian formation.

A reconnaissance exploration program consisting of geological mapping and geochemical soil and silt sampling was completed on the property in 1972.

The results of this work did not locate any lead-zinc mineralization or the type of geological environment that is typically associated with the lead-zinc mineralization at the Robb Lake discovery 30 miles north of the Lara Group.

An angular float boulder of silicified dolomite with tetrahedrite mineralization was found on the Lara 19 claim. Several occurrences of this type have been found in this geological belt, but none appear to be significant or related to economic mineralization.

The geochemical soil and silt sampling indicated a very low background for lead and zinc. The most significant zinc anomalous area is on the Lara 33 claim. Three silt samples near the junction of Moose and Lime Creek are over 100 ppm zinc and 2 soil samples on the north and south sides of Lime Creek have values of 134 ppm and 205 ppm zinc. These values are considered to be weakly anomalous.

There were no anomalous lead values in the soil or silt samples.

CONCLUSION

The reconnaissance exploration program completed on the property did not locate any mineralization of economic interest. The geochemical results indicate weak anomalous values, but they are not considered to be significant.

It is concluded that this property has limited exploration potential for an economic lead-zinc deposit.

RECOMMENDATION

It is recommended that Moneta Porcupine Mines Ltd. terminate their option on the property.

GEOGRAPHY

Location

The Lara group is located in the Rocky Mountains of north-west British Columbia 110 miles west of Fort St. John and 32 miles northeast of Findlay Forks. The northern end of the claim group covers Aley Creek 12 miles to the east of the Ospika River.

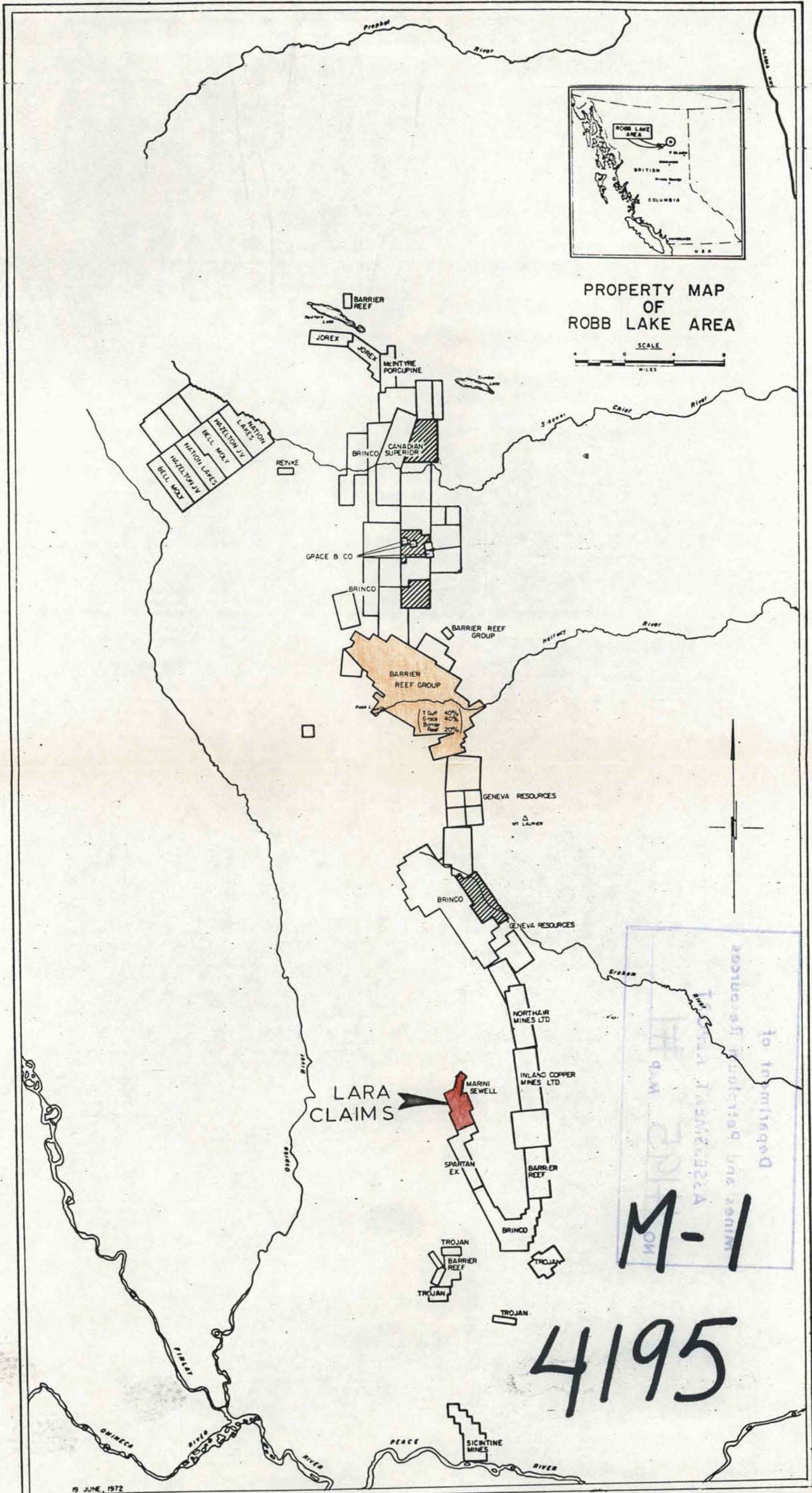
Co-ordinates of the property are $56^{\circ}27'$ north latitude and $123^{\circ}36'$ west longitude.

Access

Access to the property is by helicopter or by horseback. Helicopters are based year around at MacKenzie and Fort St. John. A helicopter was chartered for this program at MacKenzie 80 miles to the south of the property.

An old bulldozer road is located at the north end of the property. It was probably put in by an oil company doing seismic work in the area.

There are good horse trails along the pass between Needham Creek and Aley Creek. There is a guide camp at Christina Falls, 22 miles to the east of the property, where horses are kept for the fall hunting season. A dirt air strip at Christina Falls is suitable for small fixed wing air craft.



PROPERTY MAP
OF
ROBB LAKE AREA



M-1
 4195

Topography

The Lara Group is located on the west slope of the Rocky Mountains midway between the crest of the Rocky Mountains and the Rocky Mountain Trench.

The north end of the property covers the broad valley of Aley Creek at an elevation of 4,000 feet. From here the terrain rises precipitously to the south and within 1 mile is at an elevation of 6,300 feet. The claim group continues to the south for another 2 1/2 miles, and includes the headwaters of Aley Creek where the relief varies from 4,500 feet to 6,900 feet. The numerous easterly flowing tributaries of Aley Creek originate in steep walled cirques. The ridges between the creeks are normally rounded and can be easily traversed.

Bedrock is exposed in the cirques, steep canyon walls and along the ridges, but large areas of the slopes are covered by active talus slides.

Vegetation

Fir, balsam and spruce of poor quality but suitable for general construction lumber or mine timbers cover the valley bottoms below the 4,000 foot elevation. Scrub balsam covers the more gentle and protected slopes up to an elevation of 5,000 feet. The remainder of the area is covered by alpine flora.

Climate

The general climate of the area is moderate for northern B. C. with precipitation varying from 10 to 40 inches and from 3 to 4 feet of accumulated snow in the valley bottoms during the winter. However, over the 4,000 foot elevation along the divide, weather conditions are severe and unpredictable. Strong winds are frequent and often delay helicopter and small fixed wing aircraft schedules. Snow flurries can occur at anytime during the year and after October 1, surface exploration is limited to the lower elevations.

During the period of this exploration program reliable helicopter scheduling was hampered by winds gusting to 60 mph. When work was first started on the property there was a light cover of snow and temperatures were in the 0° to + 20°F range. During the last half of the program it "warmed up" to 40° to 50°F with continuous rain and very strong winds.

Water

There is ample water for drilling purposes anywhere on the property.

CLAIMS

<u>Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Lara #1 to #42	#108234 to #108275	March 26-29, 1973
Lara #43 to #52	#116995 to #117004	October 17, 1973

HISTORY

The area has been geologically mapped by the oil companies with particular attention to stratigraphy and structure to assist in petroleum exploration to the east. In the 1940's, coal was mined from deposits in the Gething Formation along the Peace River. Placer gold deposits have been worked along the Peace River with very little success.

There was only very limited exploration for sulphide deposits in the sedimentary belt until 1969-70 when Texas Gulf Sulphur began to actively investigate the area for replacement sulphide deposits. In 1970 an important discovery was made by the Barrier Reef Group, consisting of Texas Gulf (40%), Grace (40%) and Barrier Reef (20%). Replacement lead-zinc mineralization was found near Robb Lake at the headwaters of Halfway River in a Middle Devonian limestone formation. This property is 30 miles to the north of the Lara Group.

During the winter of 1971 - 1972 the entire Middle Devonian formation was staked by various companies for 50 miles to the south and 30 miles to the north of the original discovery.

During 1972 the entire area was actively explored. The Barrier Reef Group completed an extensive drilling program on their Robb Lake property. In the fall they "walked" a bulldozer into the property and constructed an airstrip in preparation for a continued drilling program in 1973.

GEOLOGY

General

(Geological Survey of Canada, Halfway River
Map-Area, Paper 69-11 by E.J.W. Irish, 1970)

The Lara claim group is in a geologic belt that is bounded on the west by the Rocky Mountain trench and Proterozoic sediments and on the east by the foot hills and interior plains underlain by Upper Mesozoic sediments.

The Rocky Mountain stratigraphic belt in which the Lara Group is located is composed of Paleozoic strata that has been deformed by folding and thrust faulting.

Property

Survey Completed

Large portions of the steep slopes are covered by active talus slides which makes it difficult to obtain good correlation between outcrop areas. Small outcrop areas are exposed in the creek-canyon walls and on the ridges. There are good outcrops at the head of the cirques; however, these outcrops stand almost vertically resulting in only the base of the outcrops being accessible for examination.

The outcrop geology was mapped using an aneroid barometer for elevation control and a topographic map with contours at 100 foot intervals and a scale of 1 inch equals 1,000 feet.

Survey Results

The predominant rock type in the claim area is a finely interbedded light grey to black silty-argillaceous limestone and dolomite that is reported by the G.S.C. as being Middle Devonian in age. This formation outcrops on the ridges and in steep walled creek-canyons. The rock is often platy to fissile and forms long talus slopes of shaley debris that cover the underlying rock units.

The predominant trend of this formation is in a northerly to northwesterly direction and dips from 10° to 50° to the west. However, this general attitude is often complicated by local folding. Near the thrust fault on the west side of the claim group the formation is often contorted and drag folded.

Cleavage attitudes were recorded and have been plotted on the map. They have a general northerly trend and normally cut across the bedding at a small angle.

A dark grey, massive limestone unit outcrops in Camp Creek at the elevation of 4,700'. This unit is approximately 150 feet thick and is a relatively erosion resistant formation compared with the overlying shaley limestone and dolomites. This unit is marked by a waterfall in Camp Creek and can be traced to the north through Lime Creek and Moose Creek. This was the only unit that was differentiated in the Middle Devonian section.

The Middle Devonian-Silurian contact was not determined by the field mapping but was interpreted from the G.S.C. mapping. The outcrops exposed on the Lara claims 39 to 42 inclusive are reported as being Silurian in age.

These outcrops are primarily massive dark grey argillaceous limestone.

The Middle Devonian-Ordovician contact was recognized in the field by the contorted and folded bedding in the vicinity of the thrust fault contact. The thrust fault was not traced, except where it was crossed by the traverses on the west side of the claim group. Its position on the outcrop geology map has been taken from the G.S.C. map #1232A.

The Ordovician formation is composed of rocks that appear identical to the Middle Devonian platy, impure limestone and dolomite. However, irregular beds of crinoidal limestone were noted on the west side of the property.

Minor pyrite mineralization occurs in some units of the more argillaceous limestones and dolomites. A large, semi-rounded, dark orange stained, quartzite boulder carrying 1% pyrite was found near the mouth of Moose Creek. One angular, float boulder of silicified dolomite with 1% to 2% disseminated tetrahedrite mineralization was found in the cirque at the head of Copper Creek.

Assaying

A sample of the silicified dolomite carrying tetrahedrite mineralization was assayed.

<u>No.</u>	<u>Copper %</u>	<u>Silver Oz/T.</u>	<u>Gold Oz/T.</u>
2151A	0.34	2.55	0.003

GEOCHEMICAL SURVEY

Survey Completed

A total of 169 soil and silt samples were collected for lead and zinc analysis. The samples were taken from the "B" soil horizon if the soil profile was well developed. However, there are large portions of the property where the soil profile is very poorly developed. This is particularly so in the area of talus slopes and along the ridges. Samples taken in these areas consisted of mixed soil and angular rock fragments that in some cases would represent the "C" horizon or bedrock. These samples were taken to give maximum coverage of the various rock units in order to determine if there was any particular area of the property that was more favourable for lead-zinc mineralization.

The samples were taken with a grub-hoe and stainless steel trowel and placed in Kraft paper bags. The samples were semi-dried before shipment to Vancouver Geochemical Laboratories Ltd., 1521 Pemberton Avenue, North Vancouver, B. C. for analysis.

The method of analysis was as follows:

1. Sample sifted or ground to -80 mesh.
2. Mesh weight used 0.50g.
3. Final volume 10 ml.
4. Method - Instrumental - Atomic Absorption.
5. Extraction - Hot $HClO_4$ - HNO_3 digestion.
6. Detection - Techtron AA5.

Survey Results

(a) Zinc

The zinc background is low in the range of 50 ppm. Of the 169 samples collected 18 or 10.6% of the samples are over 100 ppm. There is one sample over 200 ppm and one sample over 300 ppm. The highest zinc value is 385 ppm and that sample has a very high organic content.

There are three anomalous zinc samples ranging from 115 to 205 ppm in the vicinity of lower Lime Creek. These values may be related to a slightly higher zinc content in the more massive limestone formation. However, no zinc mineralization was located in this area.

(b) Lead

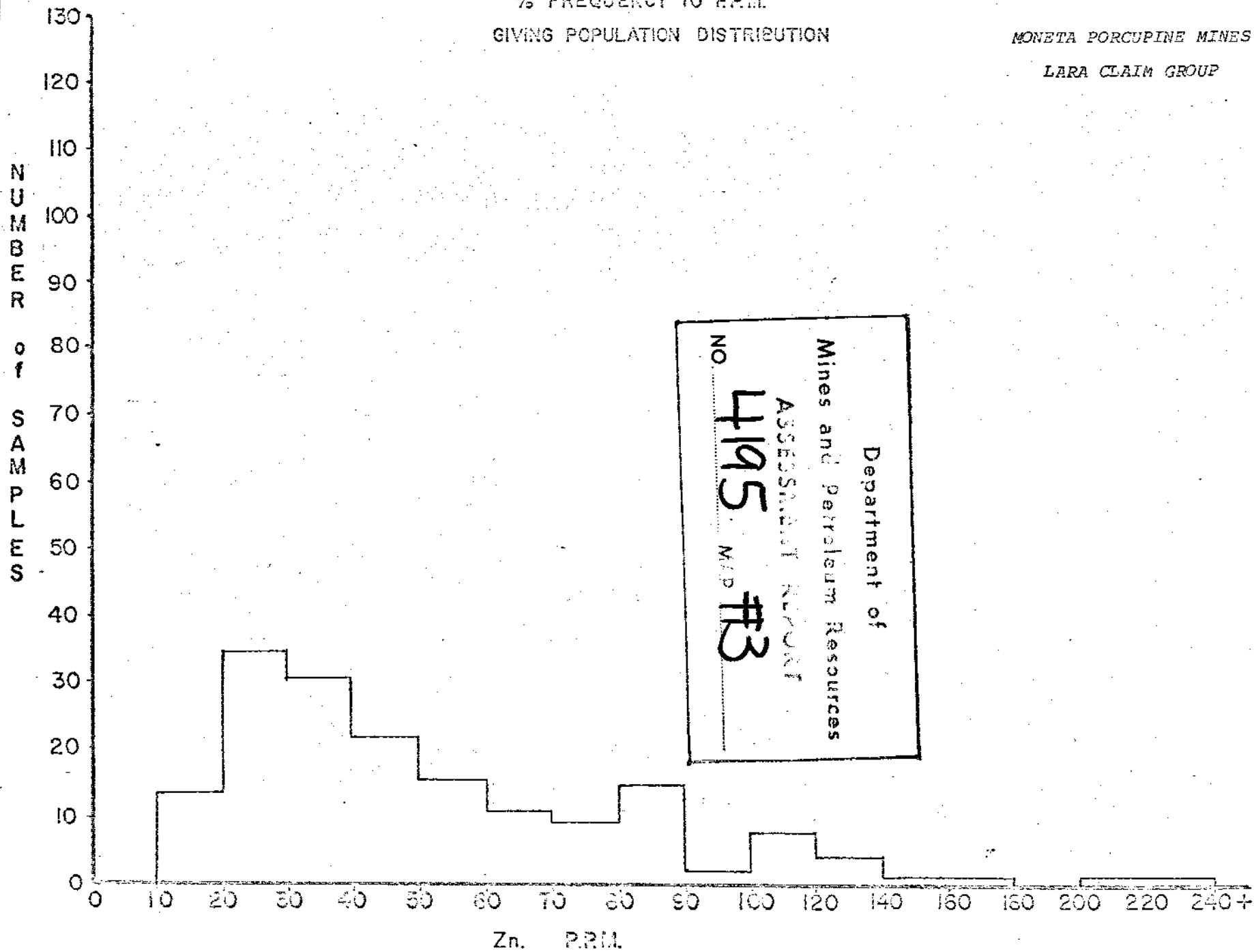
The background lead values are in the range of 50 ppm. None of the samples are considered to be anomalous in lead.

The soil analysis revealed that the majority of the samples collected are from a carbonate environment. This type of basic environment allows only a very limited metal ion mobilization. Under more neutral or acidic soil conditions it would not be necessary to collect as many samples to determine if base metal occurrences exist on the property. However, in this basic environment the relatively close sample interval is required to give adequate reconnaissance coverage of the property. In this particular area the drainage pattern gives excellent silt sample coverage to the majority of the claim group.

% FREQUENCY TO P.P.M.
GIVING POPULATION DISTRIBUTION

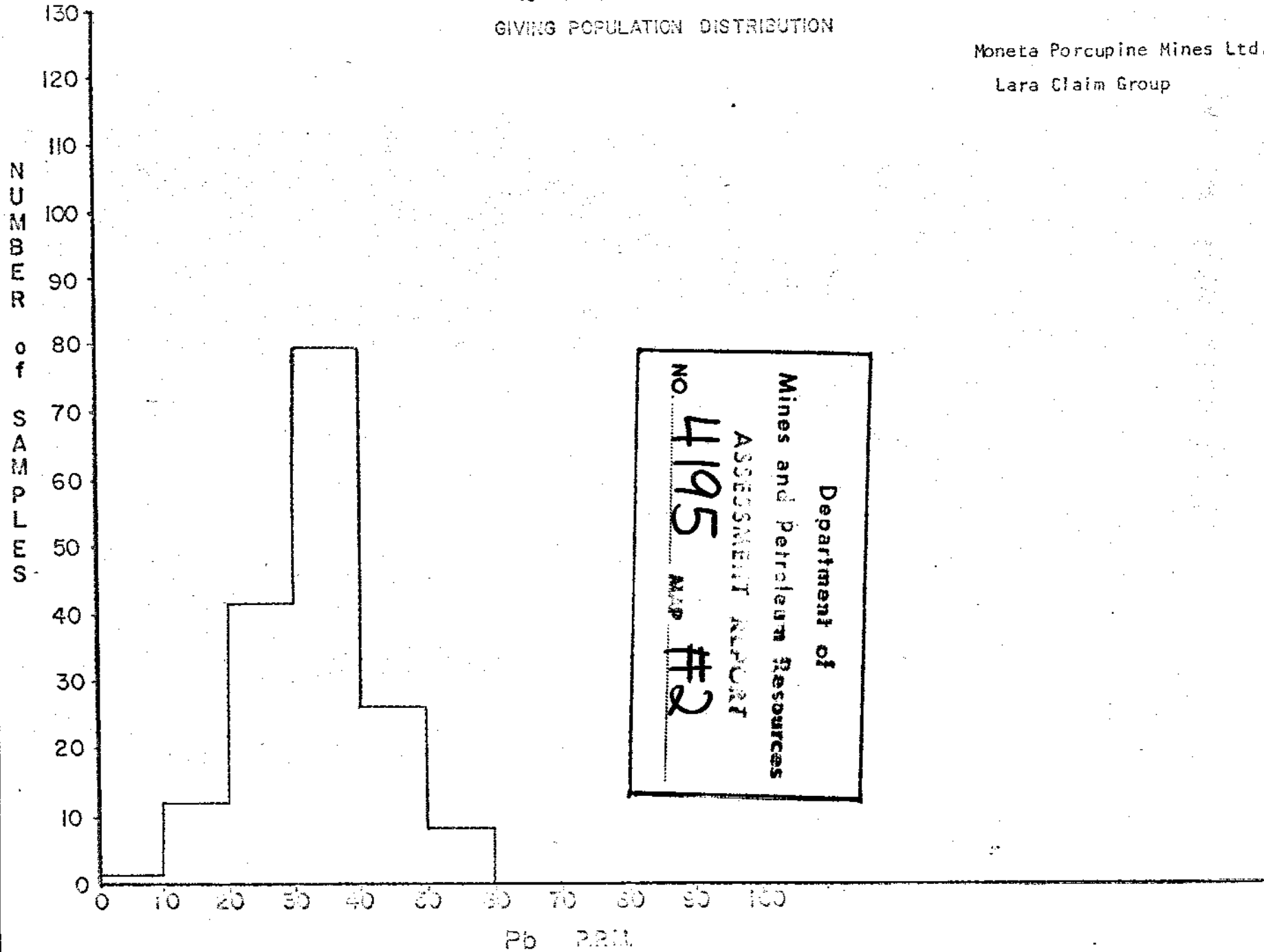
MONETA PORCUPINE MINES LTD.

LARA CLAIM GROUP



% FREQUENCY TO P.P.M.
GIVING POPULATION DISTRIBUTION

Moneta Porcupine Mines Ltd.
Lara Claim Group



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
No. 4195 MAP #2

COMMENTS

The purpose of this exploration program was to determine if rock units, similar to those related to the lead-zinc mineralization in the Robb Lake discovery area, occur on the Lara property. The geochemical survey provided additional information in the event a potential mineralized area was overlooked.

In the Robb Lake area the lead-zinc mineralization occurs in random, irregular tectonic breccias in a dense grey impure dolomite of Middle Devonian age. This particular type of geologic environment may exist in the Lara Group but if so, it was not located by this reconnaissance program.

There is considerable difficulty in carrying out a normal reconnaissance program in this type of geological environment using standard mapping and geochemical techniques and being certain that the area has been adequately examined. However, this geochemical survey was considerably more detailed than in a standard reconnaissance program. The silt sampling gave excellent coverage of the claim group due to the favourable configuration of the drainage pattern. The negative results of this work combined with the results of the geological mapping and soil sampling indicates little possibility of a significant lead-zinc deposit on the Lara Group.

Respectfully submitted,

A circular seal for a Professional Engineer in the Province of British Columbia. The seal features a central emblem with a compass and a pencil, surrounded by the text "PROFESSIONAL ENGINEER" and "PROVINCE OF BRITISH COLUMBIA". A signature is written across the seal.
G. C. Gutrath, B.P.S.C., Eng.

ENGINEER'S CERTIFICATE

I, GORDON C. GUTRATH, of 3636 Lakedale Avenue, in the Municipality of Burnaby, in the Province of British Columbia, DO HEREBY CERTIFY:-

1. That I am a consulting geologist with a business address of #420-475 Howe Street, Vancouver 1, B. C.
2. That I am a graduate of the University of British Columbia where I obtained my B.Sc. in geological science in 1960.
3. That I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. That I have practised my profession as a geologist for the past twelve years, and
5. That I have no interest in the property with which this report is concerned, nor do I expect to receive any such interest. I am a director and own one share of Moneta Porcupine Mines Ltd.



Gordon C. Gutrath P.Eng.

DATED at the City of Vancouver, Province of British Columbia, this 21 day of February, 1973.

REFERENCES

E.J.W. Irish:

Halfway River Map-Area, British Columbia
Paper 69 - 11 Map 1232A

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C., CANADA TELEPHONE 604-988-2172

GEOCHEMICAL ANALYTICAL REPORT

REPORT No. 72-16-008 DATE October 16, 1972
Job No. 72-312
SAMPLES SUBMITTED BY Jeff Leaner COMPANY Atled Exploration Manag. Ltd.
SHIPPED VIA Picked up FROM _____
REPORT ON 169 samples for Pb & Zn DATE SAMPLES ARRIVED October 10, 1972

MONETA

* * *

LARA CLAIMS

COPIES OF THIS REPORT SENT TO:

- (1) Atled Exploration Management Ltd.
- (2) 7180 - 1475 Howe Street,
- (3) Vancouver, B.C.
- (3) _____

TRANSMITTED BY:

Mail

SAMPLES SIFTED OR GROUND TO -80 MESH WEIGHT USED 0.50 g
FINAL VOLUME 10 ml ALIQUOT USED n/a

* * *

METHOD OF ANALYSIS: Instrumental - Atomic Absorption

EXTRACTION: Hot HClO₄ - HNO₃ digestion

DETECTION: Techtron AA5

SAMPLES ASSIGNMENT: (a) PREPARED SAMPLES: _____

filed

(b) REJECTS: _____

discarded

ANALYST(S) B.W. & L.N.

TYPIST

san

SUPERVISING CHEMIST L. Nicol

CHECKED BY

C. CHUN

COSTS:

SHIPPING CHARGE	\$	<u>--</u>
SAMPLE PREPARATION	\$	<u>33.80</u>
ANALYSIS	\$	<u>253.50</u>
OTHER	\$	<u>--</u>
TOTAL	\$	<u>287.30</u>

SPECIALIZING IN TRACE ELEMENT ANALYSIS

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY Atled Exploration Manag. Ltd. 72-16-008

REPORT No. PAGE 1 OF 5

Job No. 72-312

MARKING	Pb	Zn			MARKING	Pb	Zn		
LL - 1	32	12	Carbonate		LL - 38	31	49		
4	31	16	..		39	24	32		
5	35	17			40	33	24
6	35	20			41	35	88		
7	34	45	..		42	35	105		
8	40	25	..		43	30	40	..	
10	35	19	..		44	45	53		
13	32	18	..		45	25	73		
16	30	25	..		46	31	22	..	
20	31	14	..		47	35	35		
22	27	32	..		48	36	84		
23	25	62	..		49	34	31		
24	30	37	..		50	24	24		
25	35	26	..		51	28	53		
26	36	20	..		52	25	45		
29	57	15	..		53	19	44		
34	47	27	..		54	15	27		
35	28	40	..		55	26	50		
36	26	39			LL - 56	25	48		
LL - 37	24	65							

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY *Atled Exploration Mang. Ltd.*

72-16-008

REPORT No.

PAGE 2 OF 5

Job No. 72-312

MARKING	Pb	Zn			MARKING	Pb	Zn		
LL - 57	30	56			LL - 78	34	35		<i>Calc. F</i>
58	19	27			79	35	111		
59	25	46			80	44	47		
60	21	35			81	45	38		
61	20	72			82	55	46		
62	16	52			83	41	40		
63	35	105			84	51	60		
64	30	35	<i>Calc. note</i>		85	41	41		
65	31	172			86	31	32		
66	29	83			87	40	74		<i>Calc. note</i>
67	35	25			88	35	84		
68	34	79	<i>Calc. note</i>		LL - 95	40	81		
69	34	78	"		GL - 1	38	16		<i>Calc. note</i>
70	82	64	<i>Pb = 42</i>		2	38	29		
71	37	102	"		3	24	54		
72	36	82	"		4	37	28		
73	30	115	"		5	35	26		
74	35	25	"		6	34	29		
76	35	26	"		GL - 7	41	31		
LL - 77	35	30							

REMARKS

* *Pb = 42*

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY Allied Exploration Mang. Ltd.

72-16-008

REPORT No.

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Job No. 72-312

MARKING	Pb	Zn	
GL - 8	38	29	carbonate
9	45	57	
10	55	29	"
11	35	60	"
12	36	49	"
13	39	45	"
14	49	31	"
15	29	67	"
16	36	40	"
17	30	28	"
18	31	34	"
19	28	84	
20	42	40	"
21	46	63	"
22	43	42	"
23	45	66	"
24	56	45	"
25	52	46	"
26	35	35	"
GL - 27	30	44	"

MARKING	Pb	Zn	
GL - 28	49	26	
29	33	43	carbonate
30	46	41	"
31	39	55	"
32	42	26	"
33	42	28	
34	20	328	very organic
35	37	35	carbonate
36	35	82	
37	42	35	"
38	31	55	
39	26	58	"
40	35	29	"
41	38	34	"
42	46	31	"
43	42	73	"
44	36	33	"
45	35	70	"
GL - 46	36	74	"

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY Atlat Exploration Manag. Ltd. 72-16-008
 REPORT No. _____ PAGE 4 OF 5

Job No. 72-312

MARKING	Pb	Zn			MARKING	Pb	Zn		
GL - 47	31	19	carbonat		GL - 68	34	49	carbonat	
48	35	21	"		69	36	52	"	
49	36	18	"		70	54	49		
50	40	30	"		71	29	80		
51	24	205	"		72	22	97		
52	42	94	"		73	45	66	"	
53	45	115	"		74	36	30	"	
54	42	109	"		75	35	27	"	
55	32	90	"		76	34	21	"	
56	31	88	"		77	27	60	"	
57	31	23	"		78	30	63	"	
58	33	31	"		79	27	71	"	
59	39	34	"		80	37	51	"	
60	34	41	"		81	19	40		
61	34	34	"		82	30	66		
62	35	33	"		83	14	124	very organic	
63	51	24	"		84	27	135		
65	30	25	"		85	31	26	carbonate	
66	30	25	"		GL - 86	23	70		
GL - 67	30	25	"						

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

72-16-008

COMPANY Atled Exploration Manag. Ltd. REPORT No. _____ PAGE 5 OF 5

Job No. 72-312

MARKING	Pb	Zn			MARKING				
GL - 87	25	43							
88	32	81							
89	28	134							
90	20	81							
91	42	59							
92	15	59							
94	37	81	carbonate						
94A	20	132							
95	26	146							
96	35	102							
97	19	81							
98	9	18							
GL - 99	39	39							

REMARKS

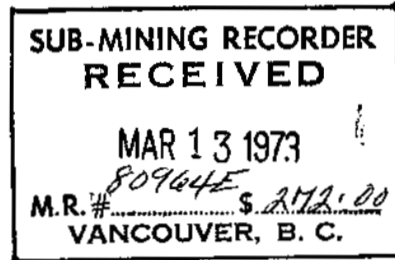
All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

APPENDIX

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of COSTS INCURRED IN COMPLETION OF THE
GEOLOGICAL AND GEOCHEMICAL SURVEY OF THE LARA CLAIM GROUP
OMINICA MINING DIVISION, B. C.

I, *George B Phelps*
of VANCOUVER



in the Province of British Columbia, do solemnly declare that the following are the minimum costs incurred in carrying out the exploration program.

PERSONNEL

G. C. Gutrath, B.Sc., P.Eng., Geologist 10 days @ \$150.00/day	\$ 1,500.00
J. R. Lerner, Geotechnician 10 days @ \$85.00	850.00

TRANSPORTATION

Helicopter	1,300.00
4 - Wheel Drive	256.60

FIELD EQUIPMENT

131.28

ASSAYS

170 Samples	294.80
-------------	--------

ROOM AND BOARD

439.77

MAPS AND REPORTS

Drafting	228.00
Report	400.00

\$ 5,400.45

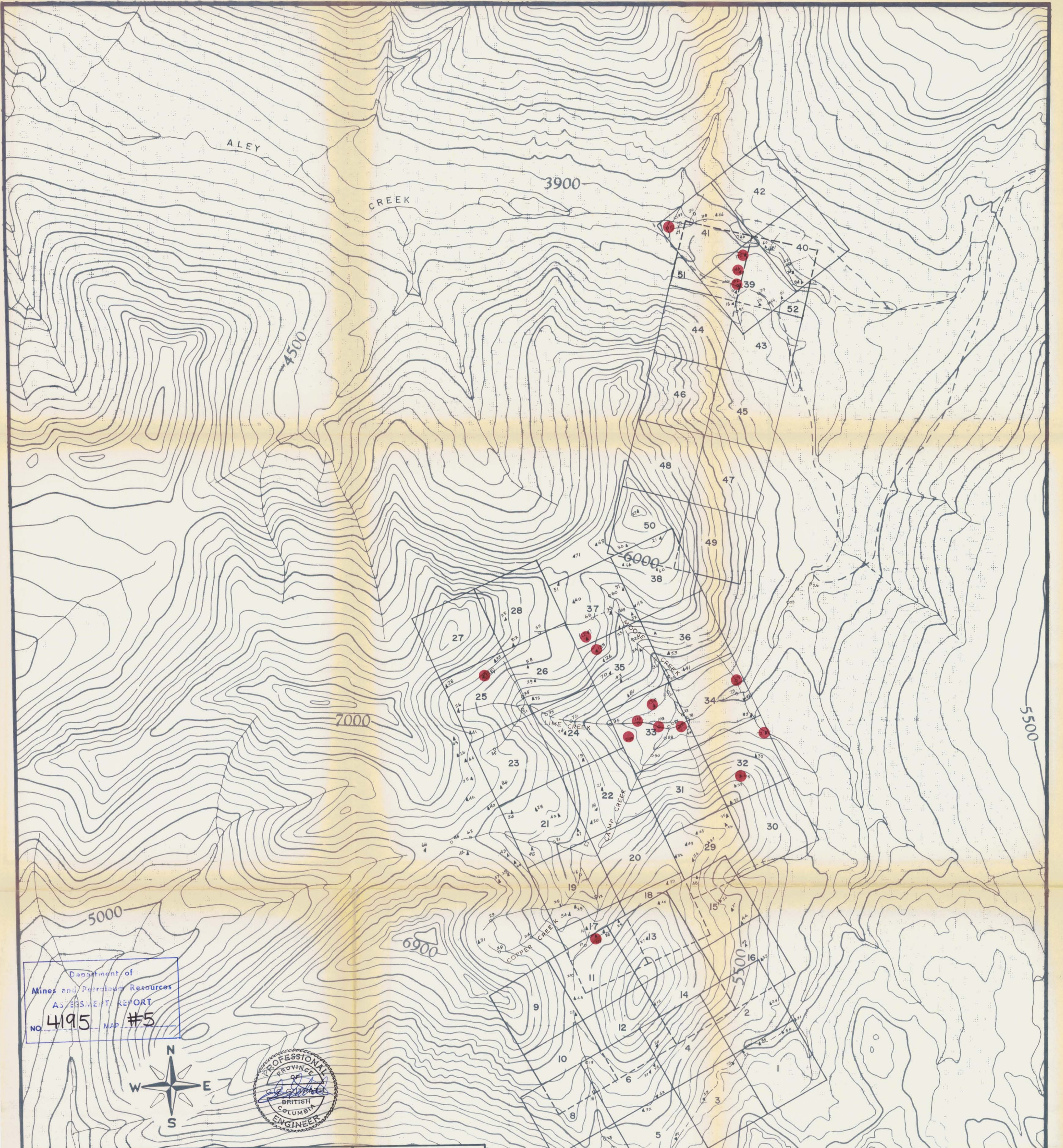
And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City
of Vancouver, , in the
Province of British Columbia, this 13th
day of March, 1973 , A.D.

George B Phelps

[Signature]
Sub-Mining Recorder

A Commissioner for taking Affidavits for British Columbia or
A Notary Public in and for the Province of British Columbia.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4195 MAP #5



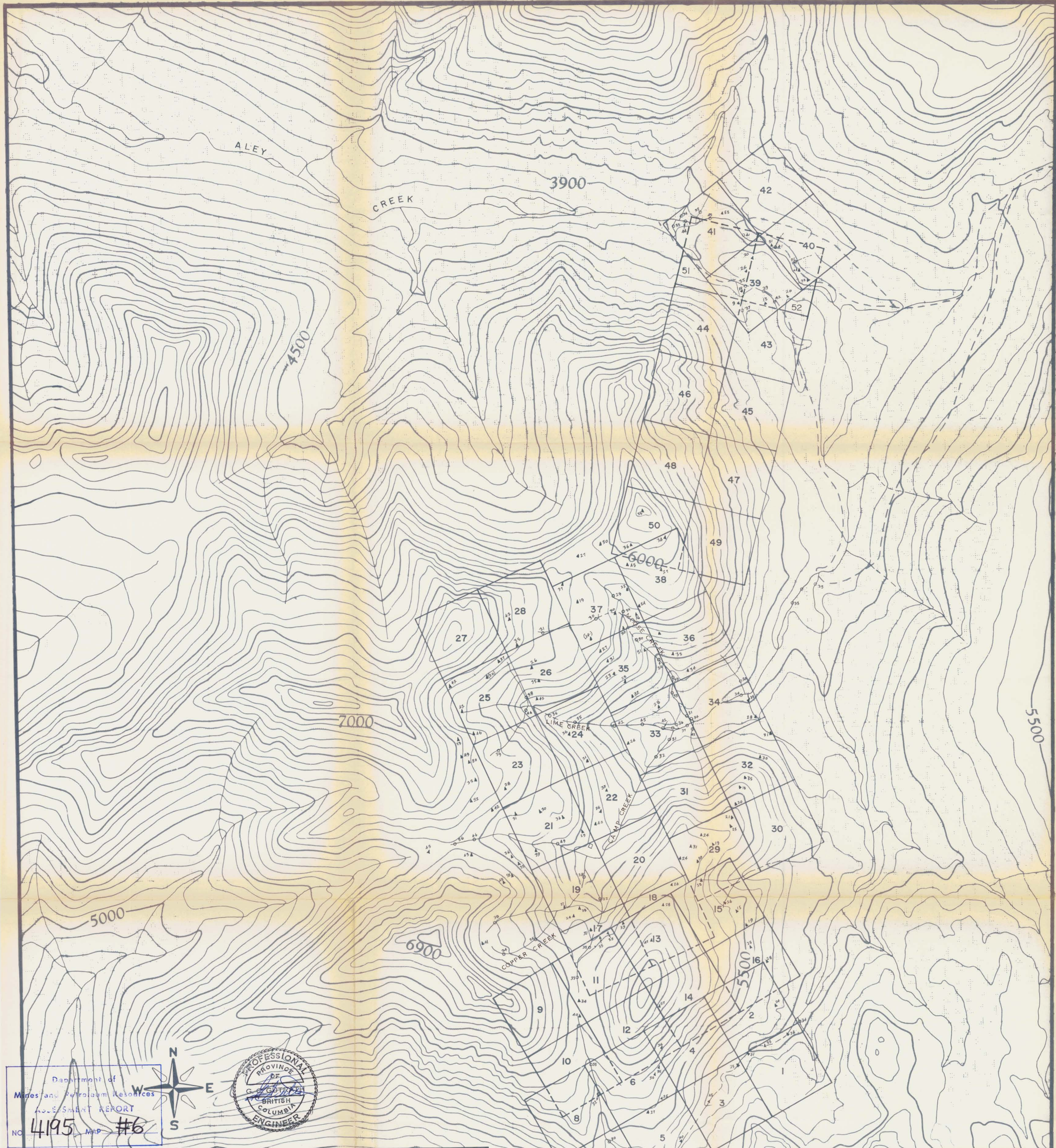
4195 M5

MONETA PORCUPINE MINES LTD.
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LARA CLAIM GROUP
ZINC GEOCHEMISTRY

OMINECA MINING DIVISION N.T.S. 94-B
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LEGEND
 A 49 SOIL SAMPLE
 O 70 SILT SAMPLE
 A(92) ORGANIC SOIL OR SILT
 ▲ ANOMALOUS THRESHOLD
 △ BACKGROUND



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NO. 4195 MAP #6



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LEAD GEOCHEMISTRY

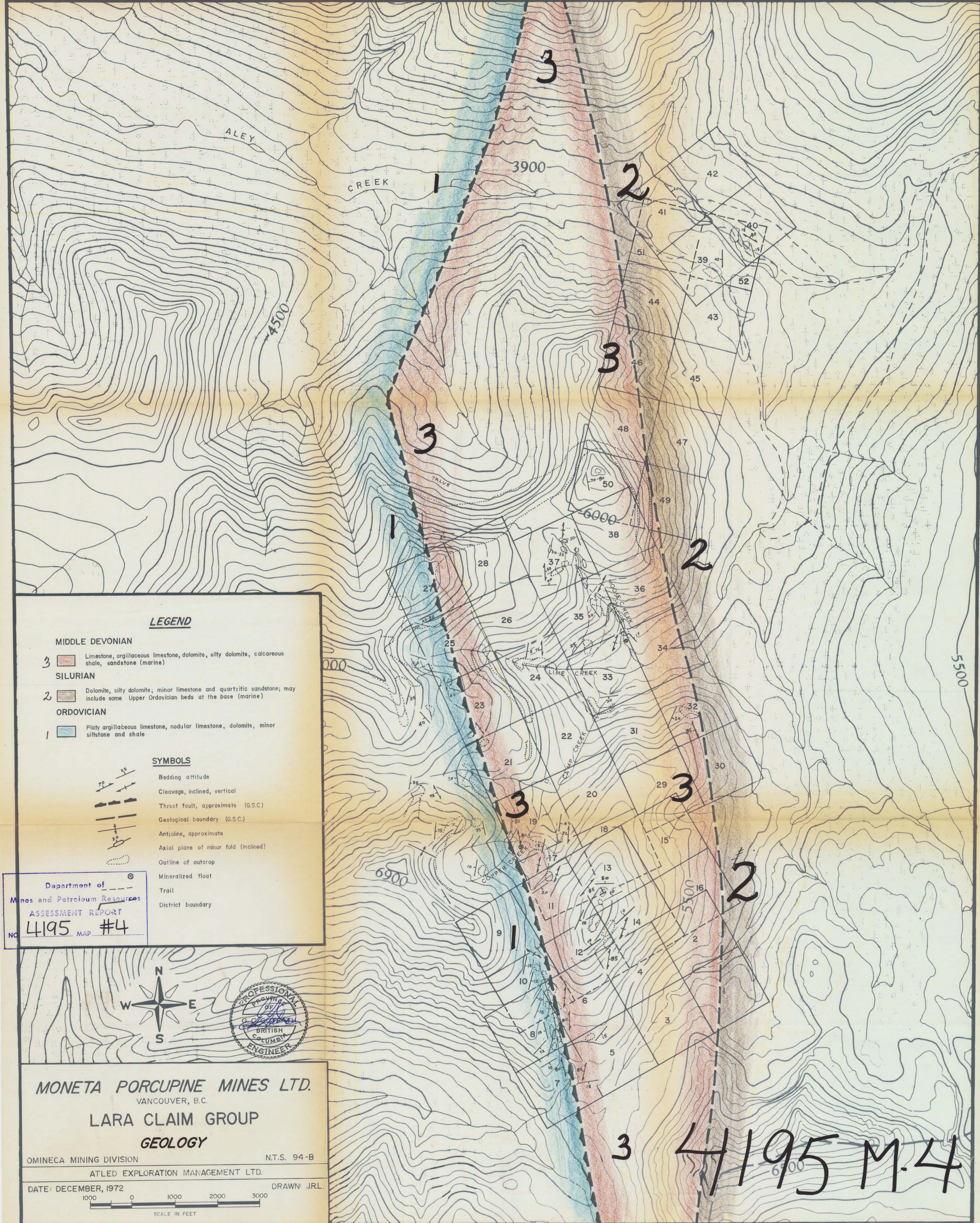
OMINECA MINING DIVISION N.T.S. 94-B
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SCALE IN FEET
1000 0 1000 2000 3000

LEGEND
▲ 23 SOIL SAMPLE
○ 44 SILT SAMPLE
▲ (54) ORGANIC SOIL OR SILT

△ ANOMALOUS
60 PPM. THRESHOLD
30 PPM. BACKGROUND
0 PPM.

4195 M6



LEGEND

MIDDLE DEVONIAN

3 Limestone, argillaceous limestone, dolomite, silty dolomite, calcareous shale, sandstone (marine)

SILURIAN

2 Dolomite, silty dolomite; minor limestone and quartzitic sandstone; may include some Upper Ordovician beds at the base (marine)

ORDOVICIAN

1 Platy argillaceous limestone, nodular limestone, dolomite, minor siltstone and shale

SYMBOLS

- Bedding attitude
- Cleavage, inclined, vertical
- Thrust fault, approximate (G.S.C.)
- Geological boundary (G.S.C.)
- Anticline, approximate
- Axial plane of minor fold (inclined)
- Outline of outcrop
- Mineralized float
- Trail
- District boundary

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ASSESSMENT REPORT
NO. 4195 MAP #4



MONETA PORCUPINE MINES LTD.
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GEOLOGY

OMINECA MINING DIVISION N.T.S. 94-B
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SCALE IN FEET: 0, 1000, 2000, 3000

3 4195 M.4