

820072

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

JUL - 2 1971

103-0-

J.H.S.	<input checked="" type="checkbox"/>
P.M.K.V.	<input checked="" type="checkbox"/>
G.M.H.	<input checked="" type="checkbox"/>
R.D.S.	<input type="checkbox"/>
B.C.B.	<input type="checkbox"/>
I.D.B.	<input type="checkbox"/>
M.D.R.	<input type="checkbox"/>
J.H.F.	<input type="checkbox"/>

To G.M. Hogg

From W.M. Sirola

AGGRESSIVE MINING LIMITED

Subject Morice Lake Property

Date June 30, 1971.

I talked with Roy Phendler who examined the above property for Cannon-Hicks, and he provided me with a geological map covering much of the claim group.

The Jowsey claims are located on the west side of Morice Lake at elevation 6,700' to 7,000'. This puts them into the permanent snowfield environment and indeed the mineralized zone emerges from the toe of one of these glaciers.

Phendler did some sampling during his visit to the property and the results are as follows:

- (1) Grab samples of float found south of known zone
- 5.6% Pb, 13% Zn, 0.5 oz. Ag
- (2) Float from same vicinity as No. 1
- 3.35% Pb, 11% Zn, 0.35 oz. Ag
- (3) Taken from trench at malachite occurrence
- 0.72% Cu, 0.32 oz. Ag
- (4) Grab sample taken from trench No. 1
- 2.68% Pb, 2.5% Zn, 0.41 oz. Ag
- (5) Grab sample of massive galena taken from trench No. 4
- 37% Pb, 5.4% Zn, 3.65 ozs. Ag
- (6) Grab sample taken from trench No. 5
- 0.85% Pb, 11.5% Zn, 0.93 oz. Ag

The geological picture may be summarized by saying that the claim area consists mostly of tuffs and volcanics of the Hazelton group (upper Triassic) intruded by dyke like masses of quartz-porphyry and feldspar-porphyry. There is also one body of porphyritic epidiorite, whatever that is.

According to the attached map, and according to Roy Phendler, there is an arcuate shear zone on Jow No. 16 mineral claim approximately 700' long trending northeast-southwest. This shear contains a network of quartz stringers and is mineralized with lead, zinc and silver in varying degrees. Four trenches within the zone show a combined grade of approximately 7% Pb plus Zn and from 1.8 to 2 ozs. of Ag. Trench No. 3a excavated east of trench No. 3 was an exception to the rule and is shown on Aggressive Mining's map as containing 10' of 0.22% Cu, 2.72% Pb and 9.80 ozs. Ag. The tonnage per vertical foot in this zone would be 1,050 tons.

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Morice Lake Property

Subject PAGE 2

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According to Phendler, the shear zone cuts quartz-porphyry, and it is not known how productive the zone would be in volcanic rocks. Presumably, the quartz-porphyry is the best host rock. Phendler will recommend an EM survey southward from the known zone in an effort to trace the mineralization in that direction. He then proposes a modest drill programme as follow-up work. The questions which arise in my mind are: Does the quartz-porphyry extend southward any distance, and can this type of lead-zinc mineralization be traced with any EM method? I raise this question because in the samples I saw there was no pyrite and lead-zinc as such does not make a very good conductor.

Apart from geologic considerations there is the question of economics. The net smelter return on 7% combined lead-zinc would be approximately 50% of its gross value or approximately \$10.80 per ton, including the silver content. Regardless of whatever length might be developed on such a zone, I would hardly consider it economic in this rather formidable environment. The mineralized zone would have to become much broader and richer at depth to show any sign of promise. Unless something further is uncovered in the proposed work programme, I am unable to recommend our participation in this prospect.

W.M. Sirola.

WMS/jm

- Encls. - (1) Aggressive Mining Limited
Plan of Claim Group and Geology
Scale - 1" = 880'
- (2) Sampling Plan
Scale - 1" = 200'

P.S. I understand from Phendler that this property was previously held by Phelps Dodge Corporation.

Agreed that the property is of no interest to Kerr Addison at this time. Have advised Fred Jowmy.

WMS July 2/71.

*Agreed negative.
PKK
July 20/71*



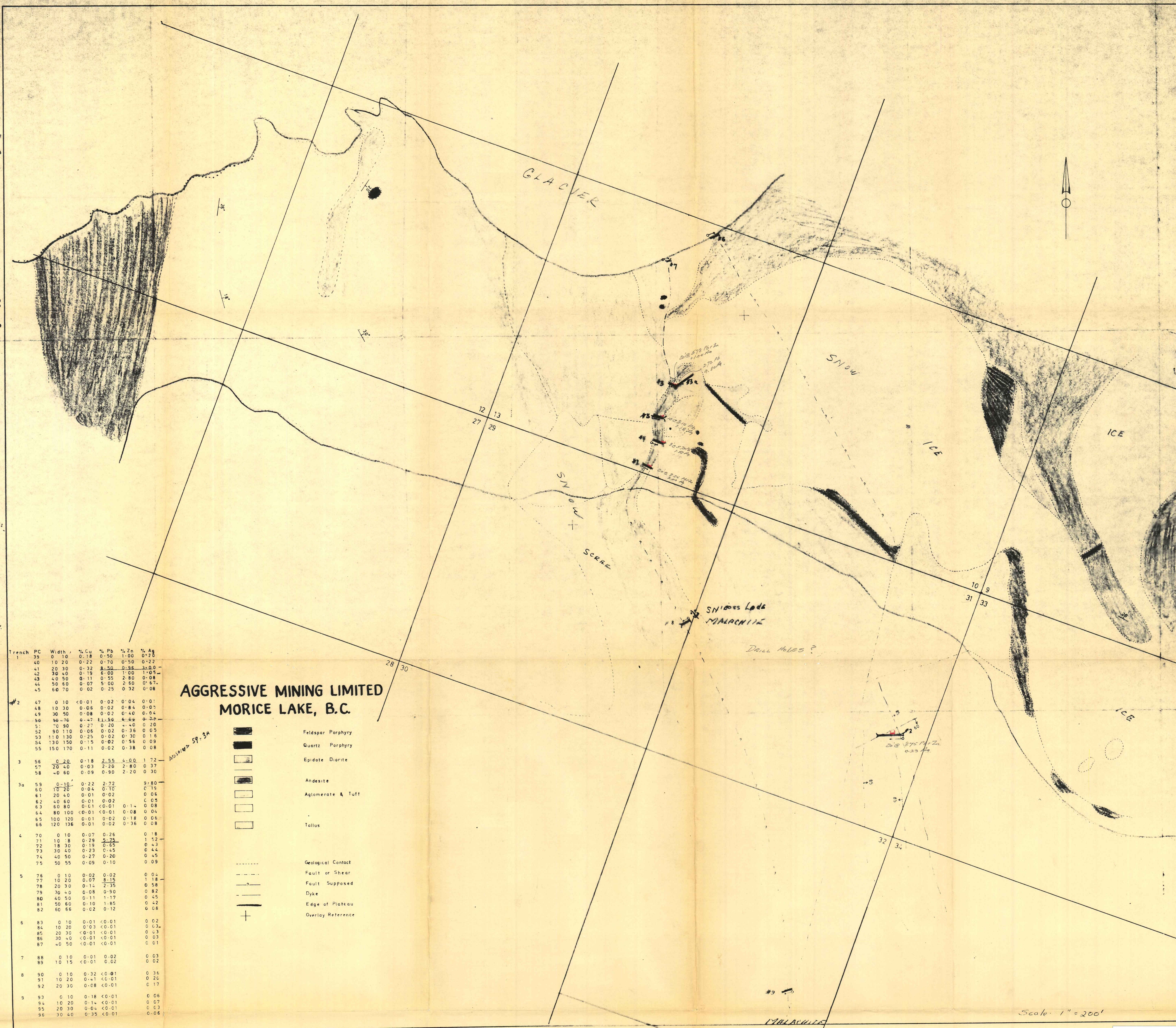
- Tuffs - volcanic lavas
- Qtz Porphyry
- Felspar Porphyry
- Porphyritic Epidiorite
- Breccia (Hazelton)
- Qtz stockwork
- shear zone
- Fault
- Edge of plateau approx elev 6700-7000 ft.
- Claim boundaries
- Pb, Ag mineralization in shear zone with 9 ft. stringers.

AGGRESSIVE MINING LIMITED

MORICE LAKE CLAIM GROUP

SCALE app 6 in = 1 mile.
1" = 880'

Sept. 1960 **800-130**



Trench	PC	Width	% Cu	% Pb	% Zn	% Ag
39	0	10	0.18	0.50	1.00	0.25
40	10	20	0.22	0.70	0.50	0.22
41	20	30	0.32	8.50	0.36	3.00
42	30	40	0.19	8.00	1.00	1.05
43	40	50	0.11	0.55	2.80	0.08
44	50	60	0.07	5.00	2.50	0.67
45	60	70	0.02	0.25	0.32	0.08
47	0	10	<0.01	0.02	0.04	0.01
48	10	30	0.06	0.02	0.84	0.05
49	30	50	0.08	0.02	0.40	0.04
50	50	70	6.47	11.56	6.69	0.27
51	70	90	0.27	0.20	4.40	0.20
52	90	110	0.06	0.02	0.36	0.05
53	110	130	0.25	0.02	0.30	0.16
54	130	150	0.15	0.02	0.56	0.08
55	150	170	0.11	0.02	0.38	0.08
56	0	20	0.18	2.55	4.00	1.72
57	20	40	0.03	2.20	2.80	0.37
58	40	60	0.09	0.90	2.20	0.30
59	0	10	0.22	2.72	9.80	0.19
60	10	20	0.04	0.10	0.19	0.06
61	20	40	0.01	0.02	0.05	0.08
62	40	60	0.01	0.02	0.14	0.08
63	60	80	0.01	0.01	0.08	0.04
64	80	100	<0.01	<0.01	0.18	0.06
65	100	120	0.01	0.02	0.36	0.08
66	120	136	0.01	0.02	0.36	0.08
70	0	10	0.07	0.26	1.52	0.43
71	10	18	0.29	5.75	0.44	0.45
72	18	30	0.19	0.65	0.09	0.09
73	30	40	0.23	0.45	0.45	0.09
74	40	50	0.27	0.20	0.09	0.09
75	50	55	0.09	0.10	0.02	0.02
76	0	10	0.02	0.02	0.04	0.04
77	10	20	0.07	8.15	0.58	0.58
78	20	30	0.14	2.35	0.82	0.82
79	30	40	0.08	0.90	0.45	0.45
80	40	50	0.11	1.19	0.42	0.42
81	50	60	0.10	1.85	0.08	0.08
82	60	66	0.02	0.12	0.02	0.02
83	0	10	0.01	<0.01	0.03	0.03
84	10	20	0.03	<0.01	0.03	0.03
85	20	30	<0.01	<0.01	0.03	0.03
86	30	40	<0.01	<0.01	0.01	0.01
87	40	50	<0.01	<0.01	0.03	0.03
88	0	10	0.01	0.02	0.17	0.17
89	10	15	<0.01	0.02	0.36	0.36
90	0	10	0.32	<0.01	0.20	0.20
91	10	20	0.41	<0.01	0.17	0.17
92	20	30	0.08	<0.01	0.06	0.06
93	0	10	0.18	<0.01	0.07	0.07
94	10	20	0.14	<0.01	0.03	0.03
95	20	30	0.04	<0.01	0.06	0.06
96	30	40	0.35	<0.01	0.06	0.06

**AGGRESSIVE MINING LIMITED
MORICE LAKE, B.C.**

ADDITIONS 59:3A

- Feldspar Porphyry
- Quartz Porphyry
- Epidote Diorite
- Andesite
- Agglomerate & Tuff
- Tuffus
- Geological Contact
- Fault or Shear
- Fault Supposed
- Dyke
- Edge of Plateau
- Overlay Reference

20'E 87' N 7' W
0.25 47'

MALACHITE
CPT.

Scale: 1" = 200'

