

New Moon
93E/13W
886076

93E013, 011

PC (JOW)

93E/13W

93E-11

Please return
CVJ



CANNON-HICKS ASSOCIATES LTD.
SUITE 713-744 WEST HASTINGS ST.
VANCOUVER 1, B.C.

REPORT

ON THE

MORICE LAKE PROPERTY

OMINECA MINING DIVISION

FOR

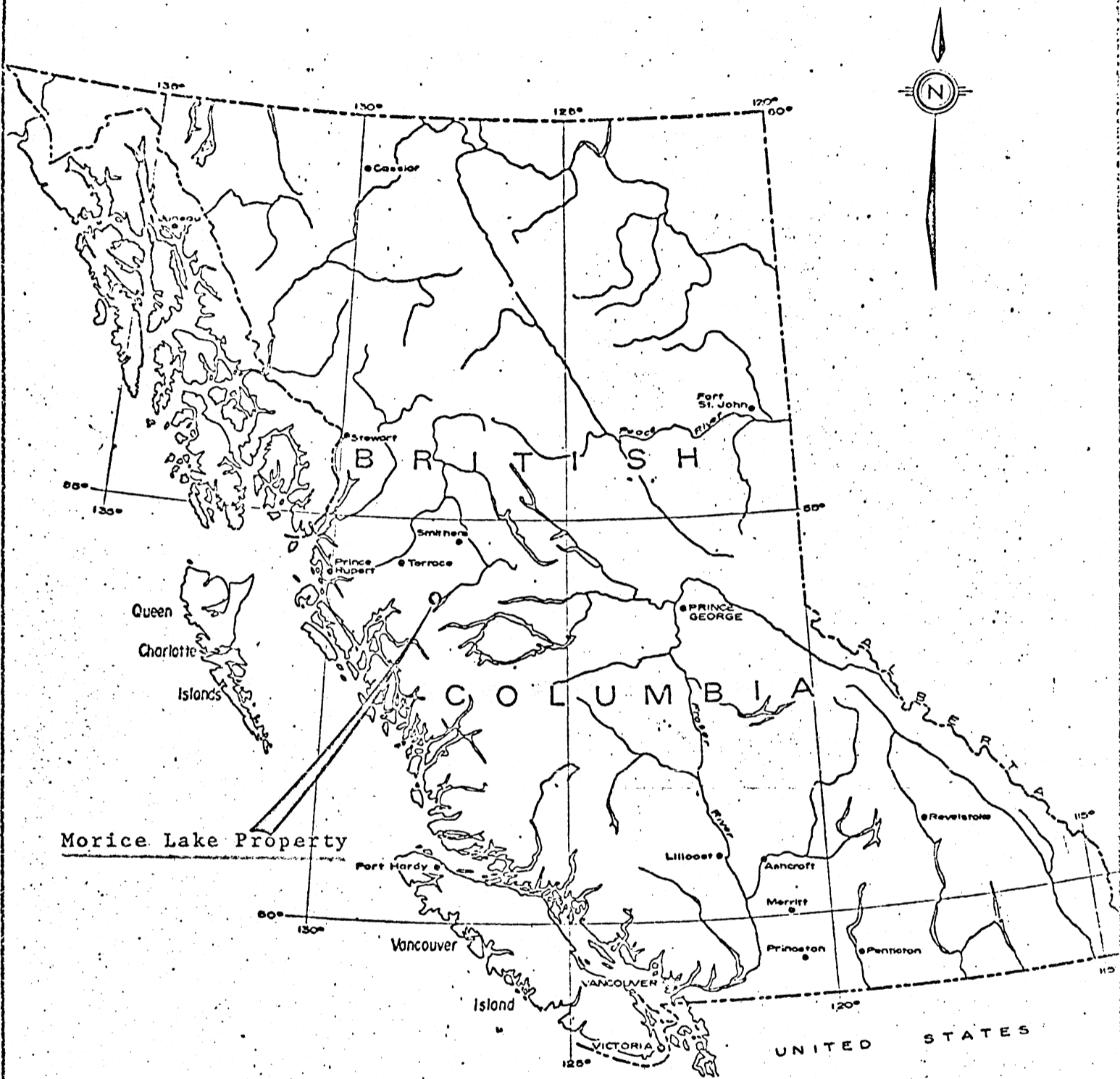
AGGRESSIVE MINING LIMITED

BY

R. W. PHENDLER, B.S.C., P. ENG.

VANCOUVER, B.C.

JUNE 30, 1971.



Location Map

Scale 1" = 120 Miles



TABLE OF CONTENTS

	<u>PAGE NO.</u>
<u>PART "A"</u>	
SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	1 & 2
COST ESTIMATE	2
<u>PART "B"</u>	
INTRODUCTION	3
LOCATION AND ACCESS	3
PROPERTY AND OWNERSHIP	4
HISTORY	4
GEOLOGY AND MINERALIZATION	4 - 7
CERTIFICATION	8
<u>ILLUSTRATIONS</u>	
FIG. 1 - LOCATION MAP - 1" = 120 MILES - FRONTISPIECE	
FIG. 2 - GEOLOGY OF MORICE LAKE CLAIMS 1" = 880'-END OF REPORT	
FIG. 3 - PLAN OF MORICE LAKE SHOWINGS - 1" = 200'-END OF REPORT TRENCHES, SAMPLES, ETC.	

PART "A"

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS:

The Morice Lake Property of Aggressive Mining Limited is composed of 20 claims that lie at an elevation of 6500' about 50 miles southwest of Smithers in central British Columbia.

Although in mountainous terrain, the four principal trenches are located on a relatively flat plateau which falls off abruptly to both north and south.

Irregular plugs and dykes of quartz and feldspar porphyry intrude mixed volcanics of rhyolitic and basaltic composition. Close to the contact of a narrow quartz porphyry plug and competent rhyolite, is a zone composed of a network of quartz veining associated with lead, zinc and silver mineralization. The sphalerite and argentiferous galena is scattered over widths that average 80' (measured in five trenches) but significant amounts of mineralization appear to be restricted to widths closer to 15'.

Samples taken by the writer during the present examination and by personel of Phelps-Dodge in 1968 indicate a grade of 5% Pb, 9% Zn and 2.0 oz. Ag. across 15.0'. Leaching appears to have taken place in the vein. The mineral zone has been positively traced for 600' with mineral indications along strike extending this to 2200'

with somewhat less assurance.

Recommendations are that additional exploration work be done. It is suggested that detailed geological mapping with a view to differentiating the volcanics be carried out accompanied by an electromagnetic survey. If results are favourable a short diamond drilling program should be initiated.

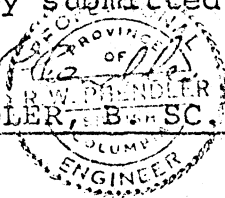
A total of \$35,000 should be provided to fulfill the above recommendations.

COST ESTIMATE:

Detailed Geological Mapping	\$ 3,000
Grid Control	2,000
E-M Survey	3,000
1500' of Drilling at \$15/Foot	<u>22,500</u>
	30,500
15% Contingencies	<u>4,575</u>
TOTAL	\$ 35,075 =====

Respectfully submitted,

R. W. Phendler
R. W. PHENDLER, B.Sc., P. Eng.



RWP/lce

PART "B"INTRODUCTION:

On June 23, 1971, the writer examined the showings on the Morice Lake Claims of Aggressive Mining Limited. He was accompanied by Mr. P. W. Dunsford, who staked the claims in September of 1970. During the examination the writer checked the geological mapping provided him, examined the mineralization in the six principal trenches and took seven samples.

Much of the area was snow-covered but five of the principal trenches were clear of snow but caved.

Claim posts were examined.

LOCATION AND ACCESS:

The property is located at an elevation of 6500' about 50 miles southwest of Smithers in the Omineca Mining Division of north central British Columbia. It is accessible by helicopter from either Smithers or Houston in about 35 minutes. Access by land would be difficult, although a bush road from Houston reaches the north end of Morice Lake, which is only a mile or so from the claims. They are located at the headwaters of an unnamed creek which flows into the south side of Atna Bay.

PROPERTY AND OWNERSHIP:

The property consists of twenty full size mineral claims, five claims by four claims, the long dimension striking N 80° W.

The claims were staked on September 30, 1970 by P. W. Dunsford as agent for F. H. Jowsey of Toronto and recorded in Vancouver on October 2, 1970. Mr. Jowsey later transferred the claims to Aggressive Mining Ltd.

HISTORY:

In 1967-1968 claims held by Phelps - Dodge Corporation covered the Morice Lake showings. Geological mapping, trenching and sampling was carried out. The work was done by Peter Curtis under the direction of Mr. R. Cunningham. No geochemical or geophysical work was conducted nor was any diamond drilling carried out.

GEOLOGY AND MINERALIZATION:

The area in which the Morice Lake showings of Aggressive Mining Ltd. are located is underlain by Lower and Middle Jurassic volcanics. These are predominantly red, purple, grey and green andesitic to rhyolitic tuffs, breccias and flows with minor intercalated sedimentary rocks. Minor granitic intrusives of Jurassic and Cretaceous age are also present.

Geological mapping by personnel of Phelps-Dodge Corporation showed undifferentiated tuffs and volcanics and volcanic breccia intruded by quartz and feldspar porphyry in the vicinity of the showings.

The mineralized zone is made up of a network of quartz stringers across an average width of eighty feet in quartz porphyry, close to a contact with tuffaceous rhyolite. The structure has been opened up by four trenches along a strike length of 600'. To the north the zone is covered by a snow field for 600' before being seen again as 15' of pyritic material. The four trenches, Numbers 1, 3, 4 and 5 are found on a flat 1000' wide plateau with steep drops on the north and south (See Fig. 3).

Galena and sphalerite mineralization is scattered across the mineral zone but in most cases appears to be concentrated in 10-20 foot wide richer zones. Some leaching has taken place in the mineral zone which is believed to dip about 60° to the east.

Since some caving of the trenches has taken place, thorough chip sampling could not be carried out. However, representative samples of mineralization were taken from snow-free trenches and pieces of float a few hundred feet to the south. Eight hundred feet south of the No. 1 trench a malachite-stained pyrite zone exists (trench No. 8). Mineralization is quite different from the principal trenches but it is felt all are related.

The following table shows samples taken by the writer and those taken by Phelps Dodge personel at the same locations. Widths of samples could not be measured by the writer due to slumpage of trench walls.

SAMPLES BY R. W. PHENDLER

<u>Sample No.</u>	<u>% Cu</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Oz. Ag</u>	<u>Location</u>
1	--	5.60	13.0	0.50	200' S of Trench 1 - flat
2	--	3.35	11.0	0.35	300' S of Trench 1 - flat
3	0.72	--	--	0.32	Trench #8
4		2.68	2.50	0.41	Trench #1.
5		37.0	5.40	3.65	Trench #4
6		0.85	11.5	0.93	Trench #5
-		Snow-covered			Trench #3

Composite of Samples - 0.038 oz. Au. per ton

SAMPLES BY PHELPS-DODGE

<u>Sample No.</u>	<u>% Cu.</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Oz. Ag</u>	<u>Location</u>	<u>Width</u>
91	0.41	--	--	0.20	Trench #8	10.0'
41.42	0.26	7.25	0.98	2.00	Trench #1	20.0'
71	0.29	5.75	--	1.52	Trench #4	8.0'
77	0.07	8.15	--	1.18	Trench #5	10.0'
56	0.18	2.55	4.00	1.72	Trench #3	20.0
59	0.22	2.72	--	9.80	Trench #3A	10.0
50	0.47	11.50	6.00	0.23	Trench #2	20.0

Samples taken by the writer were assayed by Chemex Labs Ltd., North Vancouver on June 29, 1971.

Trench #2 lies 1200' southeast of Trench #8 and possibly lies along strike. This is difficult to determine as the area is mostly talus covered. Host rock of the mineral zone in this area is mostly rhyolite, although much incompetent basalt is present in the area.

In summation it can be said that the mineralized structure can be traced with assurance for 600', with possibilities of an additional 1600' along strike. Host rock is northerly-striking beds of competent rhyolite which dip gently to the east.

Respectfully submitted,

R. W. Phendler P. Eng
R. W. PHENDLER, B.S.C., P. ENG.




RWP/lce

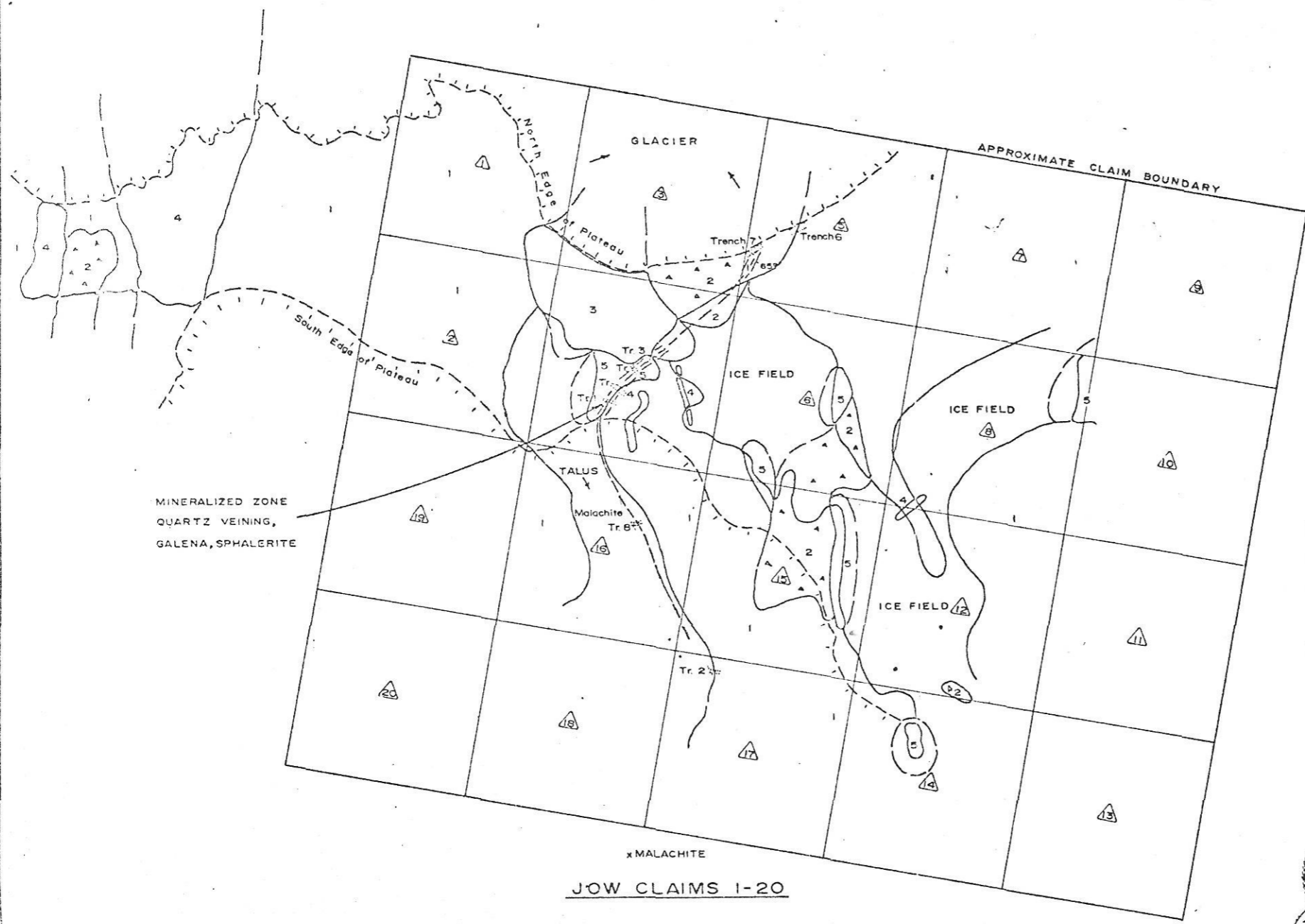
CERTIFICATION

I, ROY WILLIAM PHENDLER, of the City of Vancouver
in the Province of British Columbia, HEREBY CERTIFY AS
FOLLOWS:

1. That I am a registered Professional Engineer in the Province of British Columbia, No. 4421.
2. That I am a graduate of McGill University, Montreal, Quebec with a Bachelor of Science degree in geology.
3. That I have practiced my profession as geologist continuously for the past nineteen years in Quebec, Ontario, Newfoundland, Saskatchewan and British Columbia and the Yukon in Canada, the Western U.S.A., Mexico, and Peru and Colombia in South America.
4. That I have not directly or indirectly received or expect to receive any interest direct or indirect in the property of Aggressive Mining Limited or any affiliate or do I beneficially own directly or indirectly any securities of the company or any affiliate.
5. That the information contained herein was compiled during an examination of the ground on June 23, 1971.

R. W. Phendler P. Eng
R. W. PHENDLER, B. SC.,
P. ENG.


Vancouver, Canada
July 7, 1971.



MINERALIZED ZONE
QUARTZ VEINING,
GALENA, SPHALERITE

x MALACHITE

JOW CLAIMS 1-20

LEGEND

- INTRUSIVES - JURASSIC - CRETACEOUS**
- QUARTZ PORPHYRY
 - FELDSPAR PORPHYRY
 - PORPHYRYTIC EPIDIORITE
- VOLCANICS - JURASSIC**
- RED, PURPLE, GREEN ANDESITIC TO RHYOLITIC TUFFS AND FLOWS. INCLUDES HAZELTON BRECCIA.
 - OUTCROP
 - TRENCH
 - MINERALIZATION
 - CLAIM NUMBER

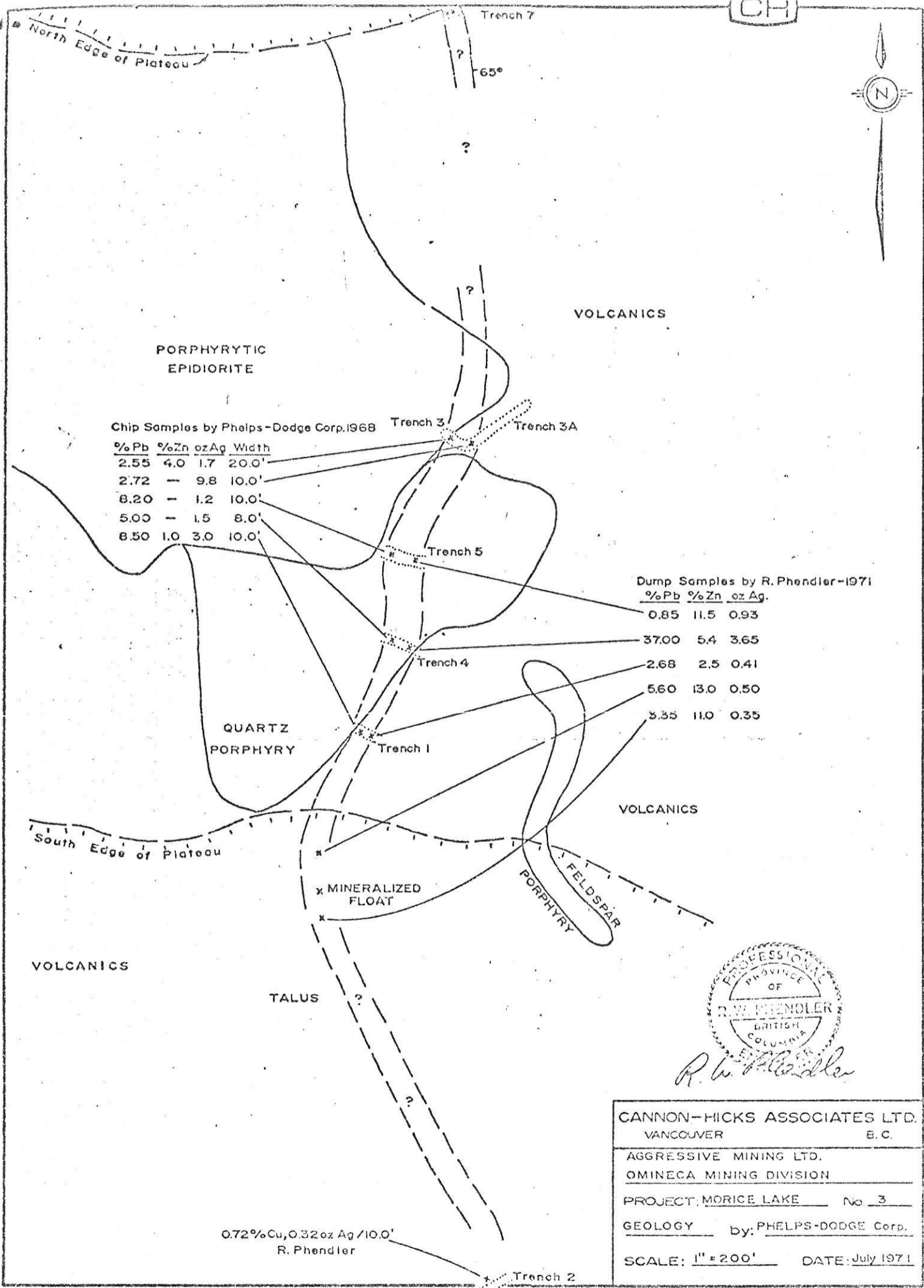


DRAWN BY R.W.P.

CANNON-HICKS ASSOCIATES LTD	
VANCOUVER	B.C.
AGGRESSIVE MINING LTD.	
OMINECA MINING DIVISION	
PROJECT MORICE LAKE	No. 2
GEOLOGY by PHELPS-DODGE Corp.	
SCALE: 1" = 880'	DATE: July 1971

CH

CH



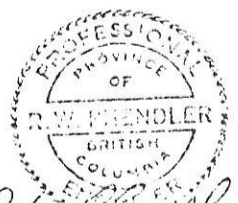
Chip Samples by Phelps-Dodge Corp. 1968

%Pb	%Zn	ozAg	Width
2.55	4.0	1.7	20.0'
2.72	-	9.8	10.0'
8.20	-	1.2	10.0'
5.00	-	1.5	8.0'
8.50	1.0	3.0	10.0'

Dump Samples by R. Phendler-1971

%Pb	%Zn	oz Ag.
0.85	11.5	0.93
37.00	5.4	3.65
2.68	2.5	0.41
5.60	13.0	0.50
3.35	11.0	0.35

0.72%Cu, 0.32oz Ag/10.0'
R. Phendler



R. W. Phendler

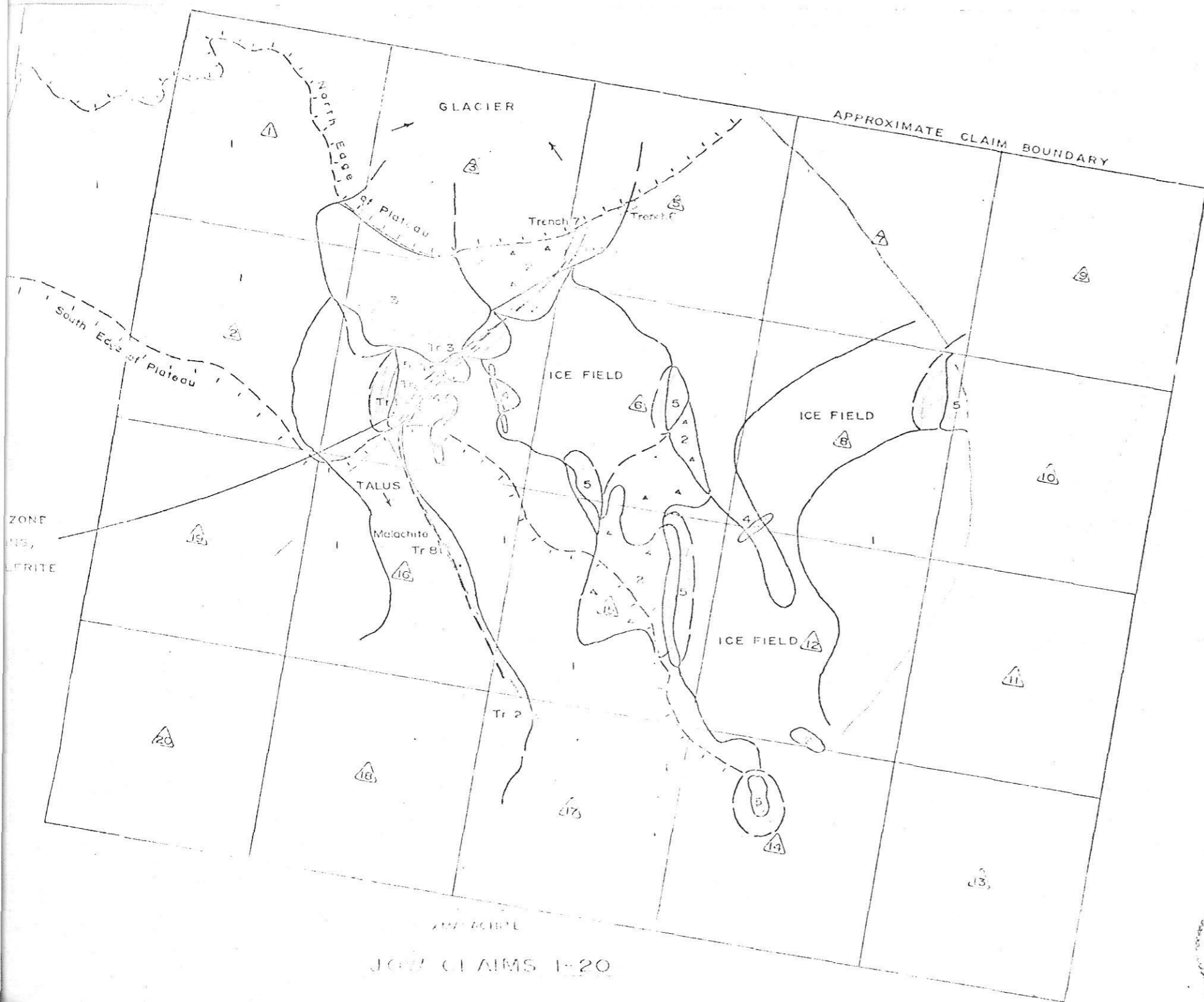
CANNON-HICKS ASSOCIATES LTD.
VANCOUVER B.C.

AGGRESSIVE MINING LTD.
OMINECA MINING DIVISION

PROJECT: MORICE LAKE No. 3

GEOLOGY by: PHELPS-DODGE Corp.

SCALE: 1" = 200' DATE: July 1971



LEGEND

INTRUSIVES - JURASSIC - CRETACEOUS

- 5 QUARTZ PORPHYRY
- FELDSPAR PORPHYRY
- 3 PORPHYRYTIC EPIDIORITE

VOLCANICS - JURASSIC

- 1 RED, PURPLE, GREEN ANDESITIC TO RHYOLITIC TUFFS AND FLOWS INCLUDES HAZELTON BRECCIA
- 2 OUTCROP
- TRENCH
- MINERALIZATION
- CLAIM NUMBER



CANONICAL
 AGGREGATE
 MINERAL RIGHTS
 PROJECT
 GEOLOGY

JOY CLAIMS 1-20