

180 - #280 - # 8065

GEOCHEMICAL REPORT

ON THE

VANHALL CLAIMS

ALBERNI M. D.

Long. 125°49'W

Lat. 49°55'N

NTS 92F/13W; 92E 16E

for

EASTERN LEASEHOLDS INC.
Vancouver, B.C.

by

A.F. ROBERTS, P. ENG.

June 16, 1980

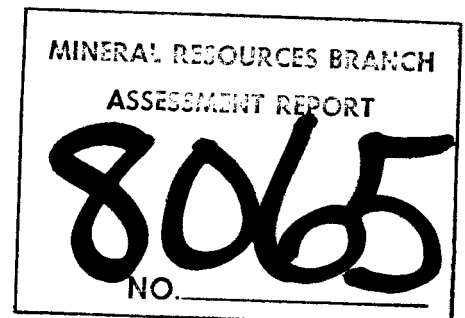


TABLE OF CONTENTS

	<u>Page</u>
SUMMARY	
INTRODUCTION.....	1
LOCATION, ACCESS, TOPOGRAPHY.....	1
CLAIM GROUP.....	2
GEOLOGY.....	2
MINERALIZATION.....	3
GEOCHEMICAL SURVEY.....	3
CONCLUSIONS.....	5
RECOMMENDATIONS.....	5
ESTIMATED COSTS.....	5
CERTIFICATE.....	6

MAPS

Ref. No.

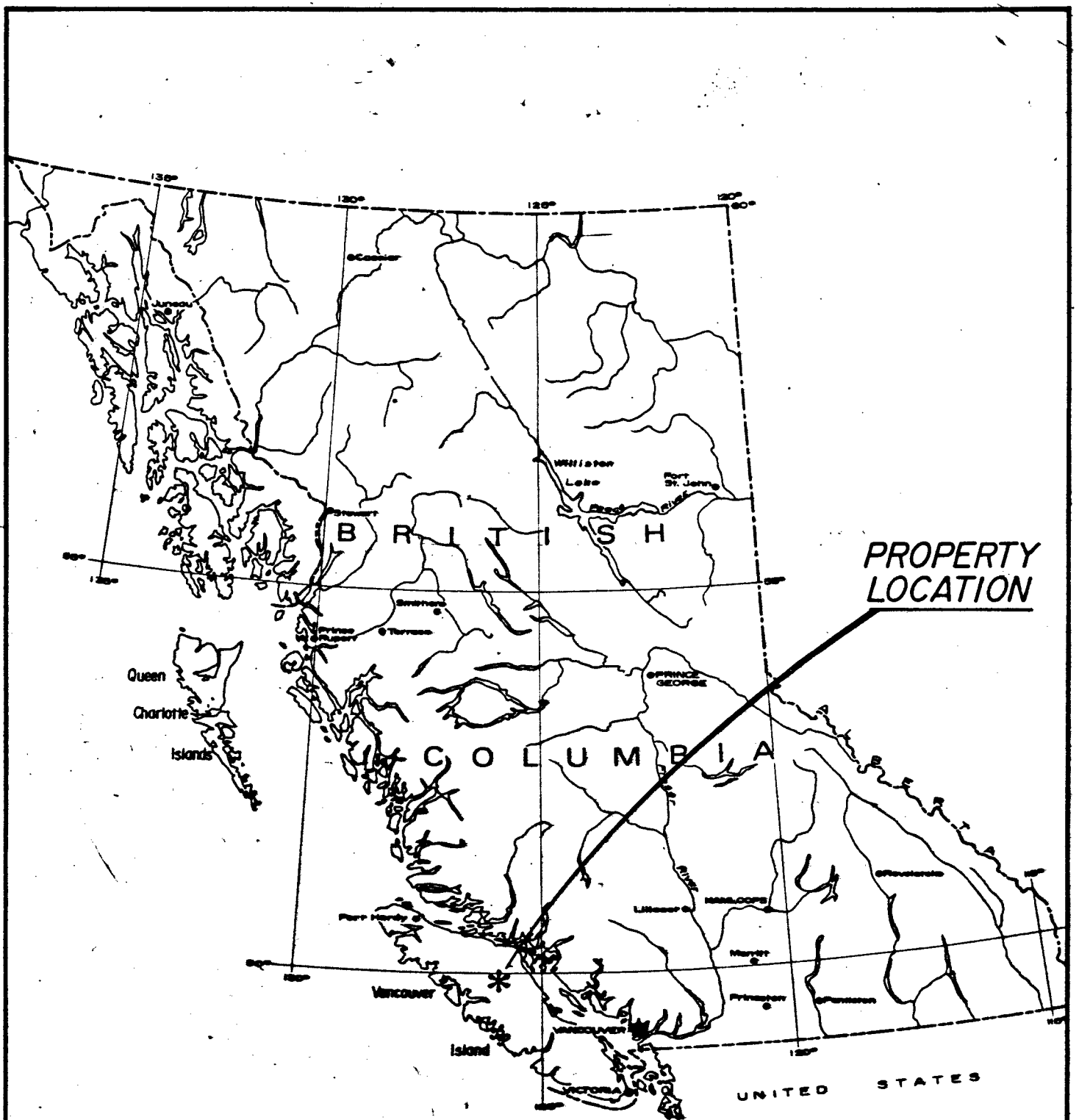
- 2] Location Map, 1 cm = 10 km.....[Frontispiece]
- 3] Topographic Map, NTS 92E/16E;
92F/13W.....[Follows page 1]
- 4] Claim Map; B.C. Dept. of Mines &
Petroleum Resources, 1" = 7/4 mile.....[Follows page 2]
- 8] Geochemical Map, 1" = 400'.....[Follows page 4]

REFERENCES

- 1] Report on the Vanhall Claims, Alberni M.D., for Eastern Leaseholds Inc., A.F. Roberts, P.Eng., February 4, 1980
- 5] Geological, Preliminary Examination of Vanhall Claims, Alberni M.D. for Moresby Mines Ltd., David Arscott, P.Eng., October 27, 1969 [Assessment Report No. 2436]
- 6] Report on the Vanhall Claim Group, Alberni M.D., for Moresby Mines Ltd., D.C. Malcolm, P.Eng., August 27, 1970
- 7] Geochemical Survey of the Vanhall and DV Claims, Gold River, B.C. [49°55'N, 126°00'W] for Moresby Mines Ltd., D. Arscott, P.Eng.; F. Fitzgibbon, Dipl. Tech., November 15, 1972 [Assessment Report No. 3953]

APPENDICES

- 9] APPENDIX A - ASSAY CERTIFICATES.....[End of Report]
- 10] APPENDIX B - STATEMENT OF COSTS
[Provided by the Company]....[End of Report]



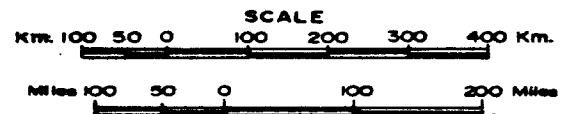
**PROPERTY
LOCATION**

To accompany report by A.F. Roberts, P.Eng., dated June 16, 1980

EASTERN LEASEHOLDS INC.
VANCOUVER., B.C.

VANHALL CLAIMS
VANCOUVER ISLAND., B.C.
ALBERNI M.D.
N.T.S. 92E/16E, 92F/3W.

LOCATION MAP



S U M M A R Y

The recent geochemical survey was limited by weather and existing snow conditions.

It was intended to carry out the writer's recommendation of the February 4, 1980 report on the property.

It can be considered successful in that it opened up a molybdenum anomaly 1,200 feet by 1,600 feet, still open to north, south and east.

Silver anomalies, which are much smaller, are open to the east and north.

Copper did not show anomalies, with only a few values that were near anomalous. This may be due to high acidic conditions leaching out the copper.

It is recommended that the geochemical, geophysical program be completed, Phase I, at an estimated cost of ~~\$18,000.00.~~ * 30,000 rev.

That Phase II, be prepared to start with completion of Phase I at an estimated cost of ~~\$145,000.00.~~ 139,000 rev

Respectfully submitted,



A.F. Roberts, P. Eng.



GEOCHEMICAL REPORT
ON THE
VANHALL CLAIMS
ALBERNI M. D.

Long. $125^{\circ}49'W$ Lat. $49^{\circ}55'N$
NTS 92F/13W; 92E 16E

for
EASTERN LEASEHOLDS INC.
Vancouver, B.C.

by
A.F. ROBERTS, P. ENG.
June 16, 1980

INTRODUCTION 1]

This report is authorized by the Directors of the Company.

Its purpose is to analyze the results of the limited geochemical survey on a portion of the Company's property.

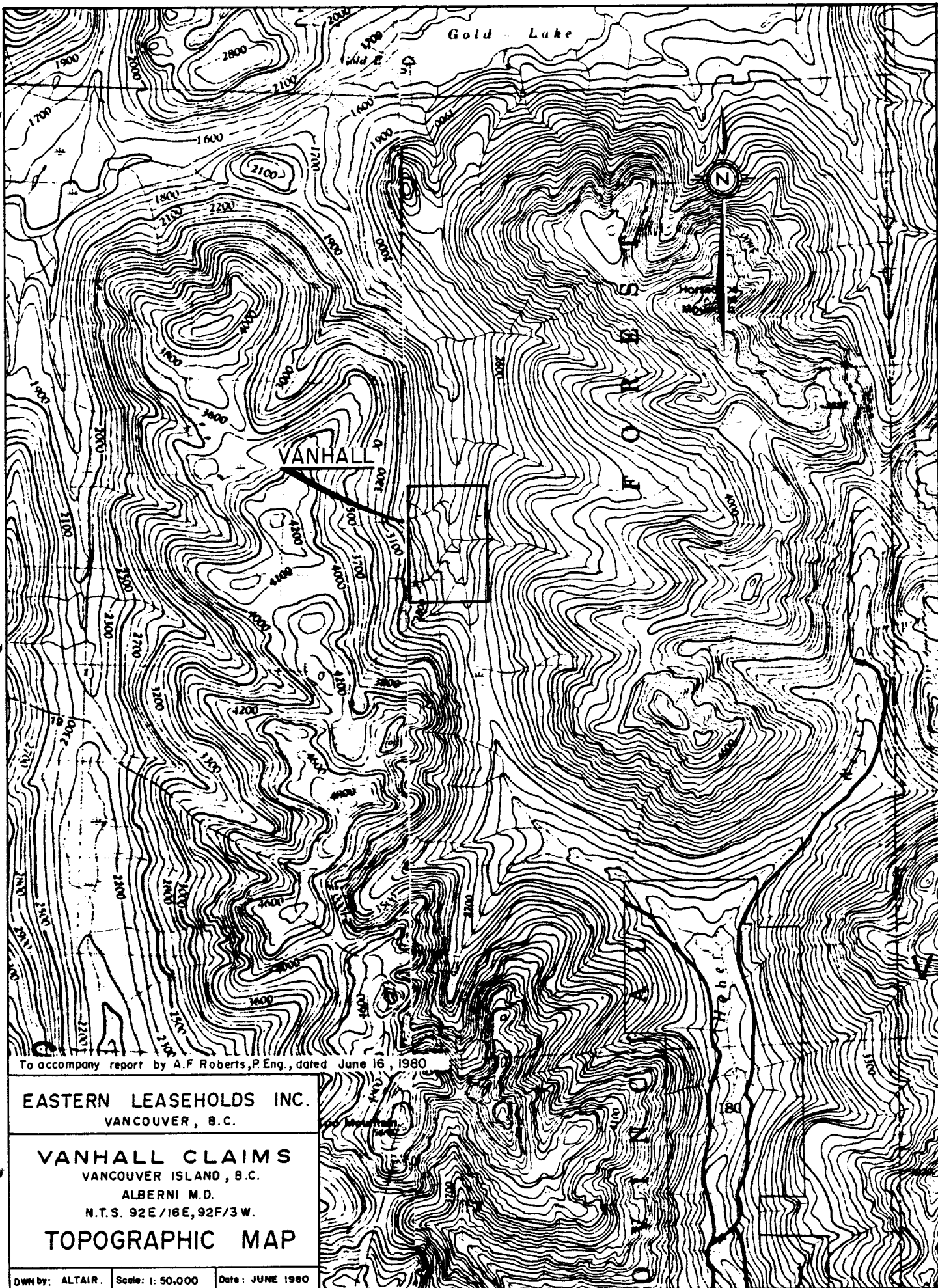
The survey was done in the period 20-23 April, 1980, but was limited because of weather conditions and heavy snow still on the property.

It is a start on the recommendations in the writer's report for the Company dated February 4, 1980.

LOCATION, ACCESS, TOPOGRAPHY 2] 3]

The claims are in the centre of Vancouver Island, about 4.8 km south of Gold Lake, and 13 km north of the town of Gold River.

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- 1] Report on the Vanhall Claims, Alberni M.D. for Eastern Leaseholds Inc., A.F. Roberts, P.Eng., February 4, 1980
2] Location Map, 1 cm = 100 km [Frontispiece]
3] Topographic Map, NTS 92E/16E, [Follows page 1]
 92E/13W



To accompany report by A.F Roberts, P.Eng., dated June 16, 1980

EASTERN LEASEHOLDS INC.
VANCOUVER, B.C.

VANHALL CLAIMS
VANCOUVER ISLAND, B.C.
ALBERNI M.D.
N.T.S. 92E/16E, 92F/3W.

TOPOGRAPHIC MAP

DWN by: ALTAIR. Scale: 1: 50,000 Date: JUNE 1980

At present the easiest access is by helicopter from Campbell River.

There is a logging road from Campbell River to within 0.8 km of the property, which is expected to be extended through the property this summer.

Claim elevations are from 850 metres to 1,080 metres A.S.L. Creeks are deeply incised, and the ground is generally quite steep, and covered with virgin timber.

Snowfall is fairly heavy, and lasts into late spring.

CLAIM GROUP 4]

The claims are as follows:

6 - 2 post claims, 1,500 feet by 1,500 feet.

<u>Name</u>	<u>Record Nos.</u>	<u>Expiry Date</u>
Vanhall 1-6 incl.	11252-11257	July 1980

They are properly staked according to the Mining Act.

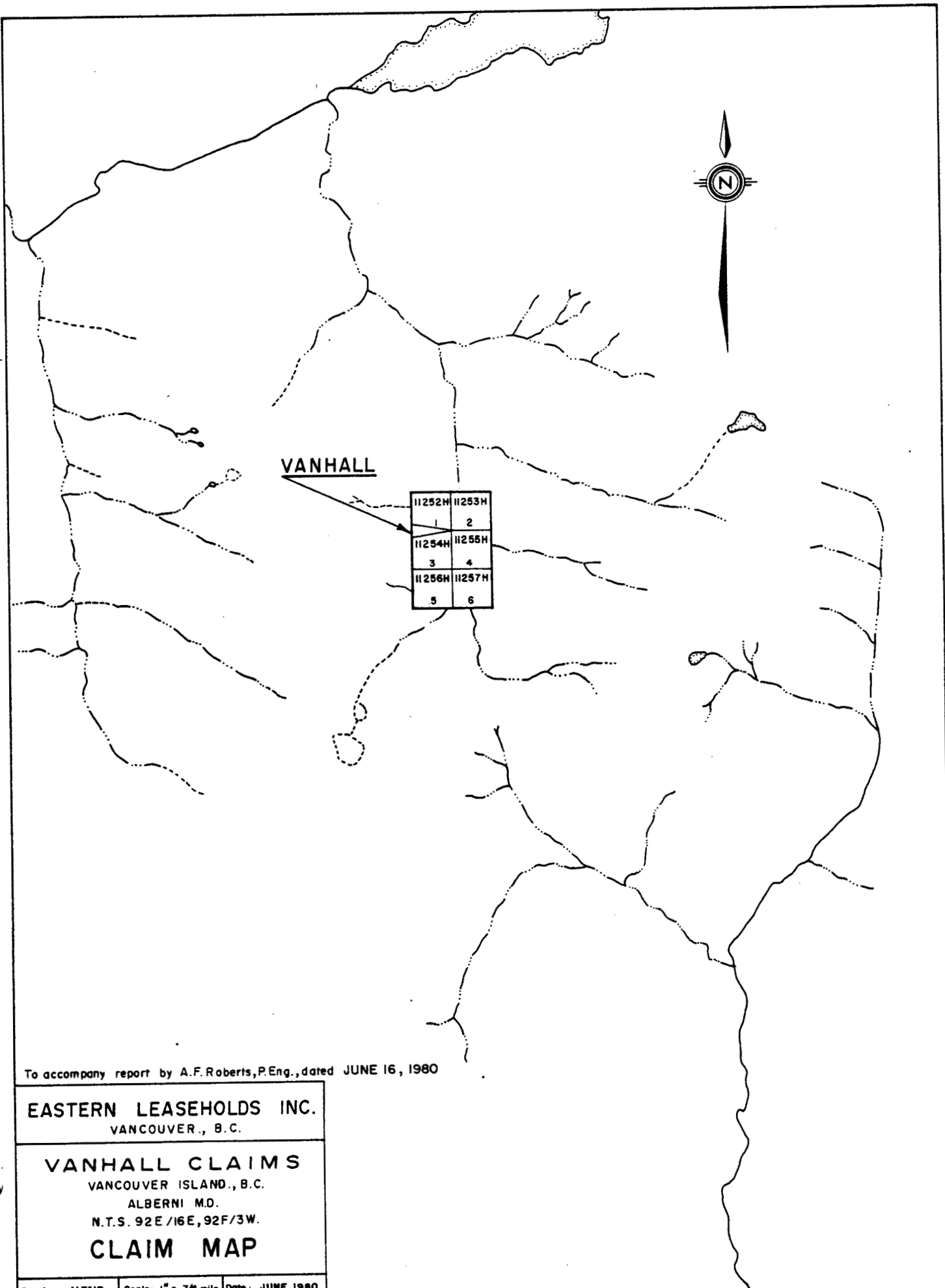
GEOLOGY 5] 6]

Volcanics of the Karmutsen Formation, upper Triassic, appear to underlie the major portion of the property, with little distortion.

4] Claim Map: B.C. Dept. of Mines & Petroleum Resources, 1" = 7/4 mile [Follows page 2]

5] Geological, Preliminary Examination of Vanhall Claims, Alberni M.D., for Moresby Mines Ltd., David Arscott, P.Eng., October 27, 1969. Assessment Report No. 2436

6] Report on the Vanhall Claim Group, Alberni M.D., for Moresby Mines Ltd., D.C. Malcolm, P.Eng., August 27, 1970



VANHALL

11252H	11253H
1	2
11254H	11255H
3	4
11256H	11257H
5	6

To accompany report by A.F.Roberts,P.Eng.,dated JUNE 16, 1980

EASTERN LEASEHOLDS INC.
VANCOUVER., B.C.

VANHALL CLAIMS
VANCOUVER ISLAND., B.C.
ALBERNI M.D.
N.T.S. 92E /16E, 92F/3W.
CLAIM MAP

Drawn by: ALTAIR. Scale: 1" = 7/8 mile. Date: JUNE 1980

GEOCHEMICAL SURVEY 7] 8] 9] 10]

The recent sampling was intended to expand the geochemical anomalies found by Arscott's work to the south and north. It was limited by weather and ground conditions. It will be continued when the ground is clear.

Arscott, by calculation and logarithmic plotting found that threshold values gave a very large number of anomalous values, although these were well within the limits for the region as defined by others. He therefore revised them as follows:

- Copper - from 100 to 200 ppm
- Silver - from 1.2 to 2 ppm
- Molybdenum - from <2 to 2 ppm

These values have been used in the plot for the recent program.

The enclosed map laps two of Arscott's lines. [16E and 20E] from 20N to 40N.

This survey indicates an extension of the molybdenum anomalies to the south, east and west.

The silver anomalies are rather small but extend the known one to the south. Two are still open to the south and north.

-
- 7] Geochemical survey of the Vanhall and DV Claims, Gold River, B.C., [49°55'N, 126°00'W] for Moresby Mines Ltd., D. Arscott, P.Eng., F. Fitzgibbon, Dipl.Tech., November 15, 1972 [Assessment Report No. 3953]
 - 8] Geochemical Map [Mo, Cu, Ag] 1" = 400 feet [Follows page 4]
 - 9] Appendix A - Assay Certificate [End of Report]
 - 10] Appendix B - Statement of Costs [End of Report]

There are no copper anomalies in this area.

CONCLUSIONS

The few samples taken have extended both the silver and molybdenum anomalies without closures.

The copper anomaly is apparently closed, but may be leached out by high acidic conditions, that do not affect silver or molybdenum.

RECOMMENDATIONS

Complete the program as outlined in the February 4, 1980 report.

Prepare to undertake the Phase II program of that report.

ESTIMATED COSTS

<u>Phase I</u> was estimated at for soil sampling, assaying, and an EM-16 survey	\$ 18,000.00 30,000.00 rev.
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<u>Phase II</u> was estimated at for trenching 1,000 metres of diamond drilling, assaying, etc.	\$ 145,000.00 139,000.00 rev.
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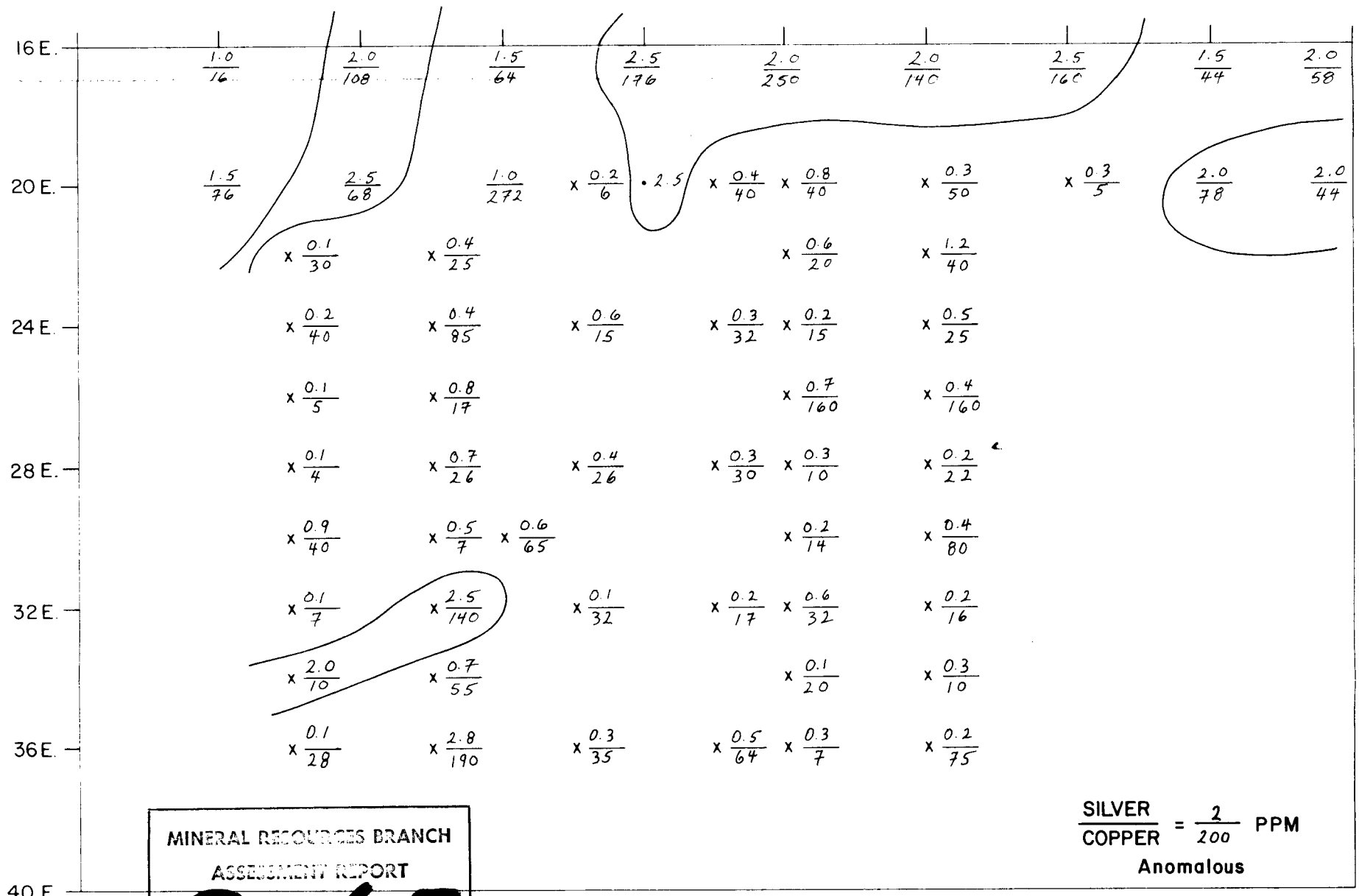
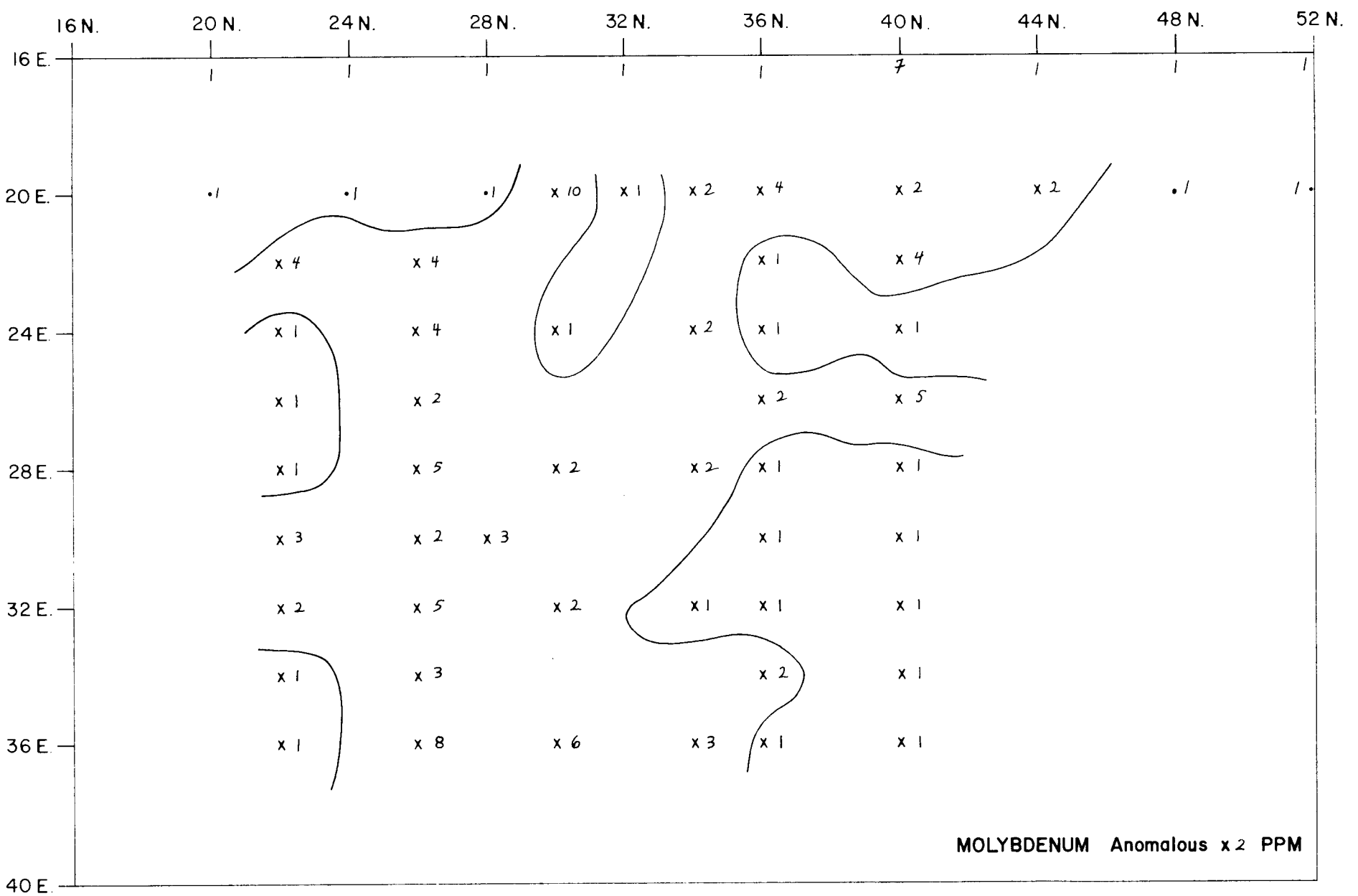
Respectfully submitted,

A.F. Roberts

A.F. Roberts, P.Eng.
June 16, 1980

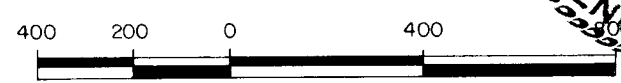
A. F. ROBERTS, P.ENG.
CONSULTING MINING ENGINEER





MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8065
NO.

SCALE 1" = 400 Feet



company report by A.F. Roberts, P.Eng., dated June 16, 1980
EASTERN LEASEHOLDS INC.
VANCOUVER, B.C.
VANHALL CLAIMS
VANCOUVER ISLAND, B.C.
ALBERNI M.D.
N.T.S. 92E/16E, 92F/3W.

GEOCHEMISTRY MAP
Mo, Ag, Cu

CERTIFICATE

I, A.F. Roberts, of 812 Fairbrook Crescent, Richmond, British Columbia, do hereby certify that:

- 1] I am a graduate of the University of British Columbia, B.Ap.Sc., in Mining Engineering, 1951.
- 2] I am a Registered Professional Engineer of the Province of British Columbia; and am a Member of the Canadian Institute of Mining and Metallurgy.
- 3] I have practiced my profession since 1951, with Quatsino Copper-Gold Mines Ltd., Giant Mascot Mines Ltd., Cochenour-Willans Gold Mines Ltd., Mogul Mines Ltd., Kerr-Addison Gold Mines Ltd., Atlantic Coast Copper Corporation Ltd., Wasamac Mines Ltd., Brenda Mines Ltd., and T.C. Explorations Ltd.

Since January 1970, I have been an independent Consulting Engineer.

Previous to, and during University, I worked underground as a miner, and on several exploration-development projects.

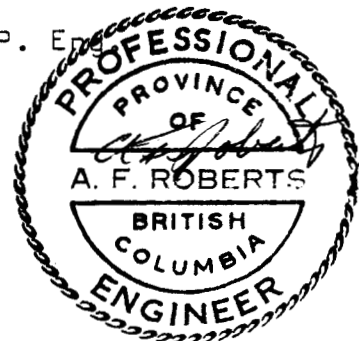
- 4] The accompanying report is based entirely on my personal examination of the property August 22-23, 1970, and on material referred to in the text.
- 5] I have no interest, direct or indirect, in the Vanhall Property, nor have I any interest, direct or indirect, in any companies with whom the Company may be associated. I have not, nor do I expect to receive any interest in the shares of any company, in its securities, or any company with which it may become associated.
- 6] I consent to the use of this report in, or in conjunction with, a prospectus, or a statement of material facts, relating to the raising of funds for this project.

DATED at Vancouver, British Columbia this sixteenth day of June, 1980.

A.F. Roberts

A.F. Roberts, P. Eng.

A. F. ROBERTS, P.ENG.
CONSULTING MINING ENGINEER



APPENDIX A

ASSAY CERTIFICATES



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

To: Eastern Leasholds,
314 - 543 Granville St.,
Vancouver, B.C.

80-284

File No. _____

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

1

SAMPLE No.	Mo	Cu	Ag										
22N 22 E	4	30	.1										1
24	1	40	.2										2
26	1	5	.1										3
28	1	4	.1										4
30	3	40	.9										5
32	2	7	.1										6
34	1	10	2.0										7
22N 36 E	1	28	.1										8
													9
26N 22 E	4	25	.4										10
24	4	85	.4										11
26	2	17	.8										12
28	5	26	.7										13
30	2	7	.5										14
32	5	140	2.5										15
34	3	55	.7										16
26N 36 E	8	190	2.8										17
													18
28N 30 E	3	65	.6										19
30N 20 E	1	6	.2										20
24	1	15	.6										21
28	2	26	.4										22
32	2	32	.1										23
30N 36 E	6	35	.3										24
													25
34N 20 E	2	40	.4										26
24	2	32	.3										27
28	2	30	.3										28
32	1	17	.2										29
34N 36 E	3	64	.5										30
36N 20 E	4	40	.8										31
22	1	20	.6										32
24	1	15	.2										33
26	2	160	.7										34
28	1	10	.3										35
32	1	14	.2										36
34	2	32	.6										37
36N 36 E	1	20	.1										38
36N 30 E	1	7	.3										39
													40

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED May 26, 1980

DATE REPORTS MAILED May 30, 1980

ASSAYER _____

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Eastern Leasholds

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 80-284

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Mo	Cu	Ag	
40N 20 E	2	50	.3	1
22	4	140	1.2	2
24	1	25	.5	3
26	5	160	.4	4
28	1	22	.2	5
30	1	80	.4	6
32	1	16	.2	7
34	1	10	.3	8
40N 36 E	1	75	.2	9
				10
44N 20 E	2	5	.3	11
				12
				13
				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
				35
				36
				37
				38
				39
				40

All reports are the confidential property of clients

All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED May 26, 1980

DATE REPORTS MAILED May 30, 1980

ASSAYER _____

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

APPENDIX B

STATEMENT OF COSTS
PROVIDED BY THE COMPANY

TRANSPORTATION COSTS

<u>Dates</u>	<u>No. Days</u>	<u>Rate</u>	<u>Details</u>	<u>Costs</u>
5/20-5/23	4	\$50.00	GMC 4x4 truck	200.00
			Oil, gas & ferry	88.00

CAMP COSTS

5/20-5/23	4		Motel and food	185.00
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LABOUR

Helper:	Dave Gellatly			
	4 days @ \$80/day			320.00
Geologist:	Chris Dyakowski			
	4 days @ \$100/day			400.00

EQUIPMENT

Soil Sample bags				35.00
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ANALYSES COSTS

May 26/80 - 46 Soil Samples - Acme Labs.				128.00
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REPORT PREPARATION

Engineering			300.00	
Expenses:				
Drafting		54.00		
Typing		30.00		
Binding		<u>50.00</u>	<u>134.00</u>	
			434.00	
	Plus 10%		<u>43.40</u>	
				<u>477.40</u>

Total \$1,833.40

The above was provided by Eastern Leaseholds, Inc.
These costs are entirely reasonable.

A.F. Roberts

A.F. Roberts, P. Eng.,
June 16, 1980

