

DOMINION OF CANADA:

PROVINCE OF BRITISH COLUMBIA.

To Wit:

In the Matter of Drilling Assessment Report on behalf of Holberg Mines Ltd. (NPL). Vancouver B.C.

I, William James Weymark P. Eng., President of Weymark Engineering Ltd., of 3310 Westmount Rd, West, Vancouver, British Columbia

of,

in the Province of British Columbia, do solemnly declare that a drilling assessment survey programme consisting of 490 feet of XRP sized core has been carried out on the FOX Nos 1 - 20 Mineral Claims, Holberg Inlet, Vancouver Island Nanaimo Mining Division British Columbia during February - March 1974 with Report dated 15th March 1974 issued thereon.

The following expenses were incurred:

- 1. Core Drilling - 490' @ \$5.00/ft \$2450.00
- 2. Truck Transportation equipment -
Vancouver-Holberg-Vancouver return . 136.80
- 3. Airfreight \$ Cartage core to Vancouver 28.70
- 4. Core Boxes and Lids 33.70
- 5. Accommodation @ Rayonier Camp 340.00
- 6. Airfare - Vancouver -Port Hardy return 60.00
- 7. Weymark Engineering Ltd - Locating
drill holes, instructions, maps supply,
inspection and logging core, drawings
assembly and completion of drilling
report..... 1200.00
- 8. Core Laboratories Ltd. - Assays .. 12.70

Total \$4,262.00

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 19th day of March, 1974, A.D.

William J. Weymark P. Eng. President Weymark Engineering Ltd.

Joan Paul 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 Technical Surveys ASSESSMENT REPORT NO. 4908 M.P.

HOLBERG MINES LTD. (N.P.L.)

DRILLING ASSESSMENT REPORT

FOX NOS: 1 - 20 MINERAL CLAIMS

HOLBERG INLET - VANCOUVER ISLAND

NANAIMO MINING DIVISION

BRITISH COLUMBIA

Latitude: 50° 37' North: Longitude: 127° 56' West

Drilling Contractor: N. Dootoff Drilling

Assaying: Core Laboratories Ltd. Vancouver

Engineering and Core Logging: Weymark Engineering Ltd.

15 March 1974

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 4908 MAP.....

HOLBERG MINES LTD (N.P.L.)

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NANAIMO MINING DIVISION

BRITISH COLUMBIA

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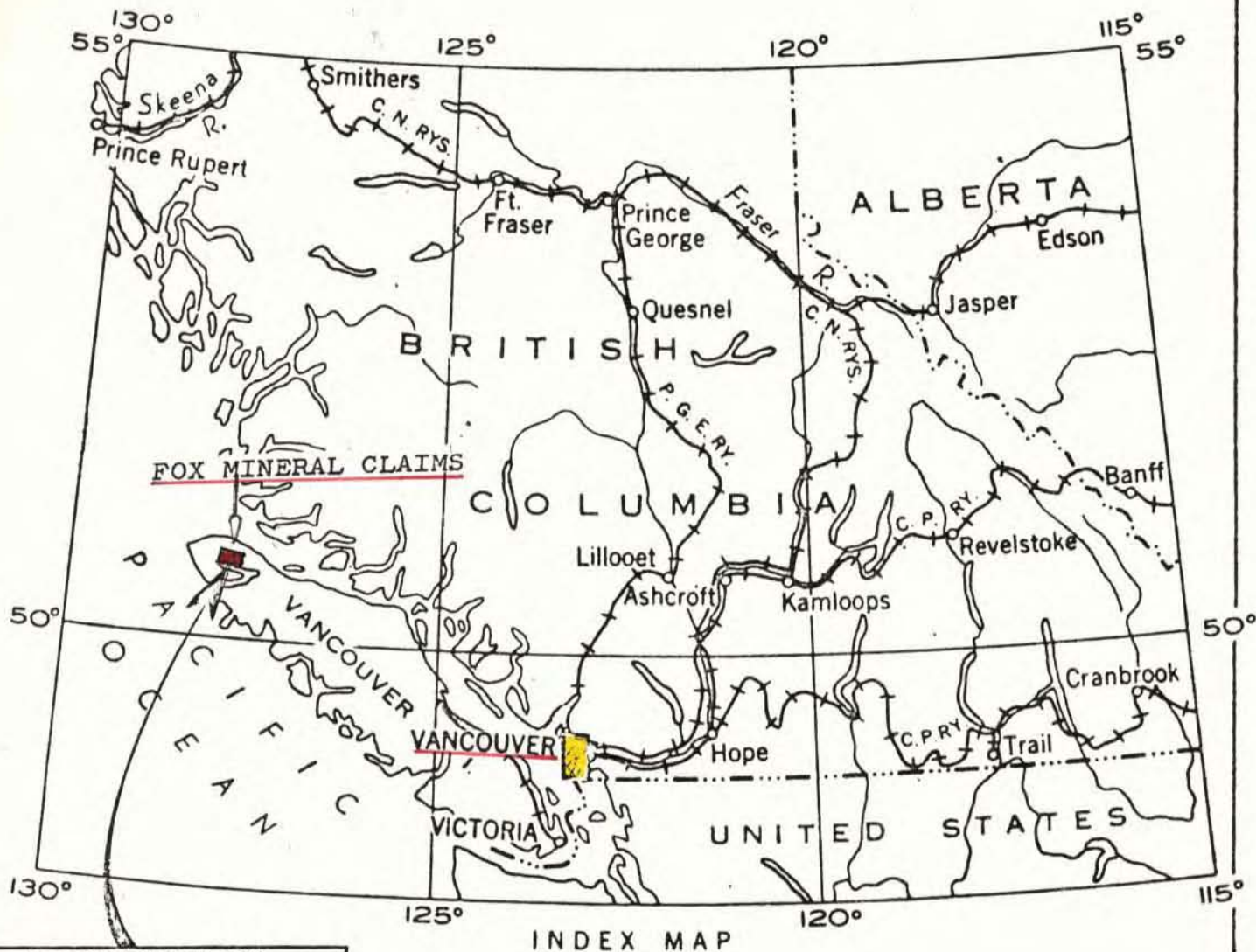
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- Annex - B Certificate of Analysis - 1308/30/7031
Core Laboratories Ltd; 14 March 1974
- Annex - C Cost Distribution

ILLUSTRATIONS

- #1 Figure: 1 Frontispiece, General Location
- #2 Figure: 2 Fox Mineral Claims, Location Drill Holes
Nos: 74A - 1,2,3,4, and 5
- #3 Figure: 3 Geology and Principal Mineral Deposits
of Vancouver Island



HOLBERG MINES LTD
NATIVE CREEK DRAINAGE AREA

Location

HOLBERG MINES LTD. (N.P.L.)
NATIVE CREEK DRAINAGE AREA, HOLBERG INLET
NANAIMO MINING DIVISION
BRITISH COLUMBIA

Department of
Mines and Petroleum Resources

NO. 4908 MAP #1

2.0 Location: The Fox Claims are situated to the south of Holberg Inlet about three miles southwesterly from the village of Holberg. The geographic reference is Latitude 50° 37' North and West Longitude 127° 56'. The Land District is Alberni with registry office in Port Alberni and the Mining Division is Nanaimo with recording office located in Nanaimo, British Columbia.

3.0 Accessibility: The claims are readily accessible by automobile road from Port Hardy over an improved logging road, - 35 miles to Holberg and then over Rayonier's logging roads to Mile-3 on the Lake Main Road Section. During winter months a four wheel drive vehicle is required. There are no communication facilities on the claims area, - telephone service is available at the coffee shop in Holberg. Port Hardy is connected by boat, bus and airplane service from Vancouver. Camp accommodation is available in the Camp Facilities of Rayonier on specific request.

4.0 Geology: Figure: 3 depicts local and regional geology as presented in the published report by Northcote and Muller. As noted thereon Base Formations are Karmutsen and Bonanza Grouped Volcanics and Quatsino Limestone. Differentiation between the Karmutsen and the Bonanza volcanics have not been definitively established in this section of the Holberg Inlet. To the North at Island Copper Mines they are classified as Bonanza.

The volcanics group comprise basic Basaltic dark to medium green in colour, fine to medium grained, with blebs and amygdaloids of chlorite and epidote and greyish andesitic types with calcite, quartz and epidote amygdaloids and varietes of Tuff breccia of a brownish shade with and without vesicules.

The Quatsino sediments are mainly whitish to greyish to dark grey-brown limestone and limy dolomite some of which has been marbelized in places. In places the sediments are intercalated with the volcanics.

Figure: 2 records the local geology of the claims area based in part on the geological mapping of D. R. Morgan, Geologist completed 20 November 1969.

Logs of the drill cores are appended in Annex - A.

5.0 Drilling Programme:

The drill programme reported upon herein consist of drilling five holes Nos 74A - 1,2,3,4, and 5 totaling 490 feet. The purpose of the programme was to test sections that had recorded geophysical anomalies but were capped by sediments. The location of the drill holes is shown on Fig: 2

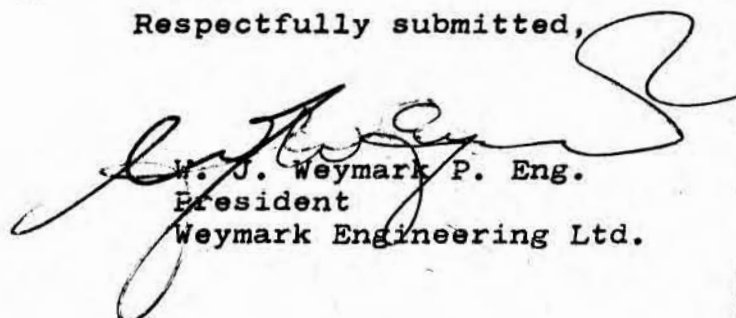
<u>Hole</u>	<u>Length</u>	<u>Remarks</u>
74A - 1	85'	Limestone and Volcanics
74A - 2	60'	Limestone
74A - 3	115'	Limestone and Volcanics
74A - 4	150'	Limestone and Volcanics
74A - 5	80'	Limestone and Volcanics

Details of the location, elevations, direction and dips of the holes are given in Annex A. Assays of a mineralized section of Hole No. 74A - 3; 114 - 115 is given in Annex - B. Only minimal values for copper, gold and silver were recorded

6.0 Programme Costs: Annex C presents the cost distribution of the sums expended on the programme. The core drilling was under contract with N. Dootoff Drilling of Whonnock, British Columbia on a footage drilled basis. Cost of transportation was not included and was by truck from Vancouver to the Drill Sites. Other expenses included air fare, room and board costs of N. Dootoff; air freight of the core to the office of Weymark Engineering Ltd, 1063 Balfour Ave, Vancouver 9, B.C. where the core is presently stored and the cost of engineering services provided by Weymark Engineering Ltd.

7.0 Recommendations: On the basis of the results obtained from this drill programme considered in conjunction with those obtained previously from the geological and geophysical surveys carried out on the claims, it is considered that since sulphide mineralization has been revealed below the sedimentary capping as indicated by the anomalous zones of the geophysical surveys that further probing by diamond drilling of the other more intensive anomalies be undertaken. The details of such a programme should be presented prior to commencement of any future field work.

Respectfully submitted,



W. J. Weymark P. Eng.
President
Weymark Engineering Ltd.

15th March 1974

CERTIFICATE

I, Willam James Weymark, P. Eng., Consulting Engineer, President of Weymark Engineering Ltd., of the District of West Vancouver, of the Province of British Columbia hereby certify that:-

1. I am a graduate of Mining Engineering of Queen's University, Kingston, Ontario, B. Sc., 1940 and have been practising my profession for twenty-five years.
2. I am a practising Consulting Engineer and reside at 3310 Westmount Road, West Vancouver, British Columbia.
3. I am a member of the Association of Professional Engineers of the Province of British Columbia and also of the Consulting Engineer's Division of the Association of Professional Engineers of British Columbia.
4. I am a member of the Canadian Institute of Mining and Metallurgy and of the American Institute of Mining, Metallurgy and of the American Geophysical Union.
5. I have no direct or indirect interest whatsoever in Holberg Mines Ltd. (NPL), in the Fox Mineral Claims, nor do I expect to receive any interest, direct or indirect in the properties of Holberg Mines Ltd., (NPL), or any affiliate or any security of the company or affiliate.
6. The findings of the accompanying report are based on my personal examination of the Fox Mineral claims during several periods of 1972, 1973 and latterly in February 1974 and the subsequent review of the available information.

Dated at West Vancouver, British Columbia, this 15th day of March 1974.


William J. Weymark P. Eng.
President
Weymark Engineering Ltd.



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

ASSAYERS
CHEMISTS
GEOCHEMISTS

C
H
A
R
G
E

T
O

Weymark Engineering
1063 Balfour St.,
Vancouver, B.C.

INVOICE N^o 1308
30-7031

SHIPPED TO:

DATE: 14/3/74		REFERENCE NO.:		YOUR ORDER NO.:	
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL	
1	Rock preparation		0.70	0.70	
1	Cu assay		4.50	4.50	
1	Au and Ag assay		7.50	7.50	
				<u>\$12.70</u>	

APPENDICES

DIAMOND DRILL HOLE RECORD

MINE Holberg Mines Ltd

DATE 15 March 1974

HOLE No. 74A - 3 SIZE XRP

Co-ordinates of Collar

LOCATION Fox 14 - South Side of Lake Main Road - See Fig: 1

DIRECTION North 95° East

N. _____ E. _____

DEPTH 115' DIP - 65°

STARTED 21 Feb/74

POSITION Surface ELEV. COLLAR 465'

FINISHED 25 Feb/74

SECTION			LOG	ASSAY			
FROM	TO	RECY		NUMBER			
0	29.0	27.0'	Limestone - Whitish - marbelized - fractured in places.				
29.0	65.0	24.0	Limestone - grades from light grey to dark grey thru' to 65' Calcite veinlets - Ground and fractured				
65.0	94.0	10.0'	Basalt - Chloritic amygdules and blebs, Limy and calcite stringers - sheared 65 - 69'				
94.0	115.0	18.5'	Basalt - Amygdaloidal - calcite and some quartz some cross stringers of calcite scattered sulphides - cp 111- 115'				
115.0			End of Hole				
			Assay 114 - 115'				
			Copper - 0.01%				
			Gold - 0.005 oz				
			Silver - 0.10 oz				
			Core Laboratories Certificate 1308 - 30 - 7031 14 March 1974				

TOTAL 79.5% 69.1%

REMARKS:

Limestone sections fractured
Basaltic sections good core

DRILLERS N. Dootoff Drilling
EXAMINED BY W. J. Weymark P. Eng.

ASSAYER _____ DATE _____

(OVER)

ANNEX - C

COST DISTRIBUTION

1. Core Drilling - 490' @ \$5.00/ft	\$2450.00
2. Truck transportation - Vancouver - Holberg site & return to Vancouver	136.80
3. Airfreight & Cartage Core to Vancouver	28.70
4. Core Boxes - 12 & six Lids	33.80
5. Accommodation @ Rayonier Camp 17 days @ \$20.00 per day	340.00
6. Airfare - Vancouver - Port Hardy Return	60.00
7. Weymark Engineering Ltd. Locating Drill Holes, Instructions, maps supply, inspection and logging core, sampling, preparation of core logs, drawings assembly and completion of drilling report	1200.00
8. Core Laboratories Ltd - Assays	<u>12.70</u>

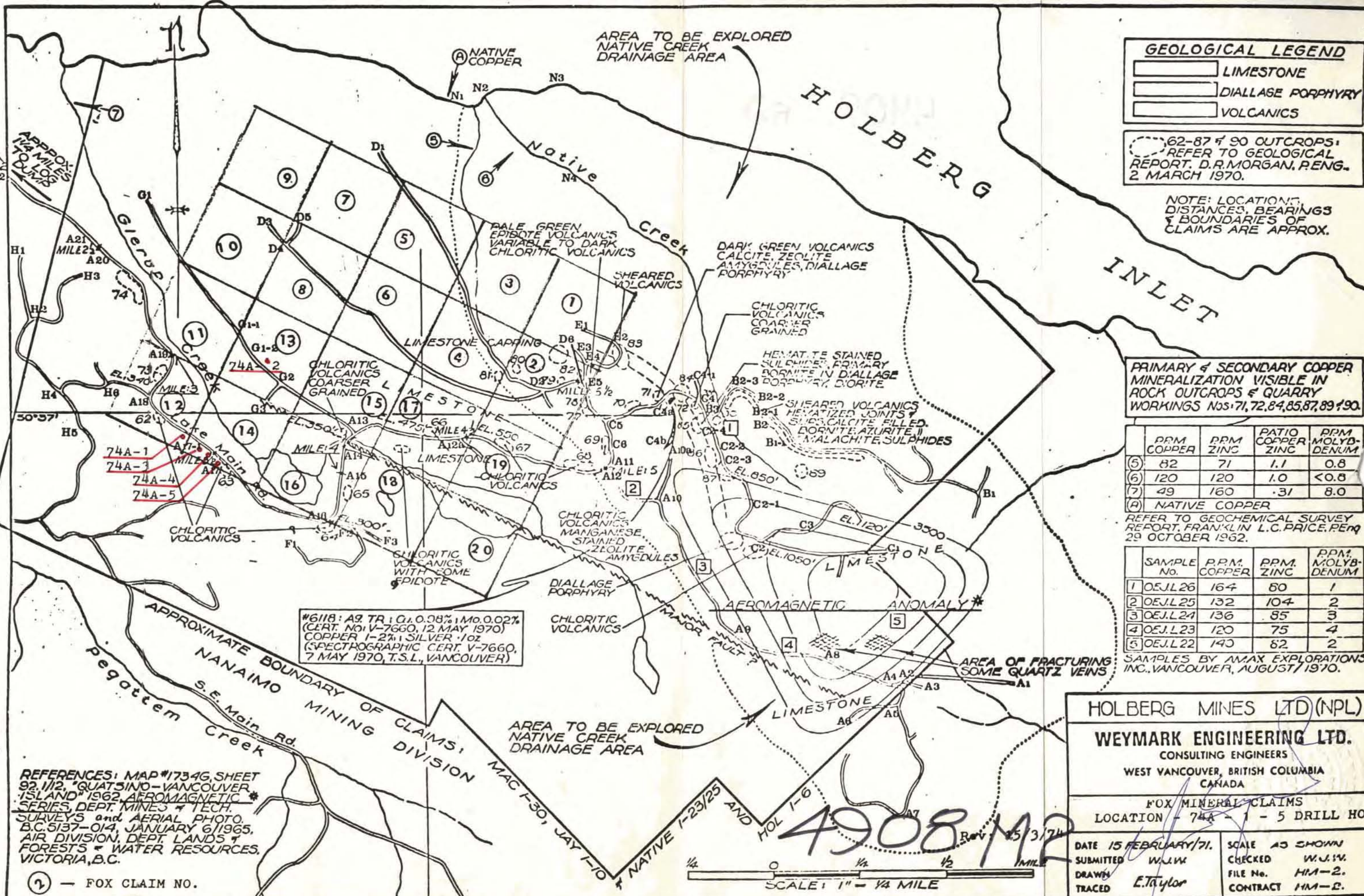
Total

\$4262.00



William J. Weymark P. Eng.

ILLUSTRATIONS



GEOLOGICAL LEGEND

- LIMESTONE
- DIALLAGE PORPHYRY
- VOLCANICS

62-87 & 90 OUTCROPS: REFER TO GEOLOGICAL REPORT, D.R. MORGAN, P.ENG. 2 MARCH 1970.

NOTE: LOCATION, DISTANCES, BEARINGS & BOUNDARIES OF CLAIMS ARE APPROX.

PRIMARY & SECONDARY COPPER MINERALIZATION VISIBLE IN ROCK OUTCROPS & QUARRY WORKINGS Nos. 71, 72, 84, 85, 87, 89 & 90.

	PPM COPPER	PPM ZINC	PATIO COPPER ZINC	PPM MOLYBDENUM
(5)	82	71	1.1	0.8
(6)	120	120	1.0	<0.8
(7)	49	160	.31	8.0
(A)	NATIVE COPPER			

REFER TO GEOCHEMICAL SURVEY REPORT, FRANKLIN L.C. PRICE, P.ENG. 29 OCTOBER 1962.

SAMPLE No.	P.P.M. COPPER	P.P.M. ZINC	P.P.M. MOLYBDENUM
1 O.E.J.L.26	164	80	1
2 O.E.J.L.25	132	104	2
3 O.E.J.L.24	136	85	3
4 O.E.J.L.23	120	75	4
5 O.E.J.L.22	140	82	2

SAMPLES BY MAX EXPLORATIONS INC., VANCOUVER, AUGUST 1970.

#6118: A9 TR 1 G1 0.08% Mo 0.02% (CERT. NO. V-7660, 12 MAY 1970) COPPER 1-2% SILVER .10% (SPECTROGRAPHIC CERT. V-7660, 7 MAY 1970, T.S.L., VANCOUVER)

REFERENCES: MAP #1734G, SHEET 92.1/12, "QUATSIINO-VANCOUVER ISLAND" 1962, AFROMAGNETIC SERIES, DEPT. MINES & TECH. SURVEYS and AERIAL PHOTO. B.C. 5137-014, JANUARY 6/1965, AIR DIVISION, DEPT. LANDS & FORESTS & WATER RESOURCES, VICTORIA, B.C.

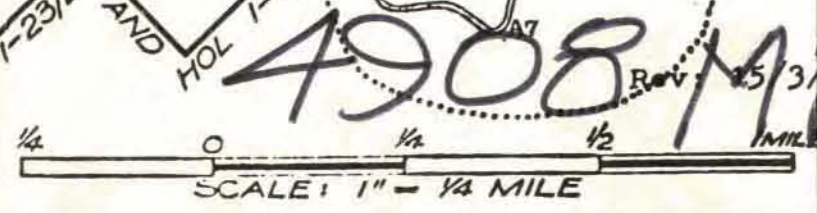
(7) - FOX CLAIM NO.

HOLBERG MINES LTD (NPL)
WEYMARK ENGINEERING LTD.
 CONSULTING ENGINEERS
 WEST VANCOUVER, BRITISH COLUMBIA
 CANADA

FOX MINERAL CLAIMS
 LOCATION - 74A - 1 - 5 DRILL HOLES

DATE 15 FEBRUARY/71
 SUBMITTED W.J.W.
 DRAWN E. Taylor
 TRACED

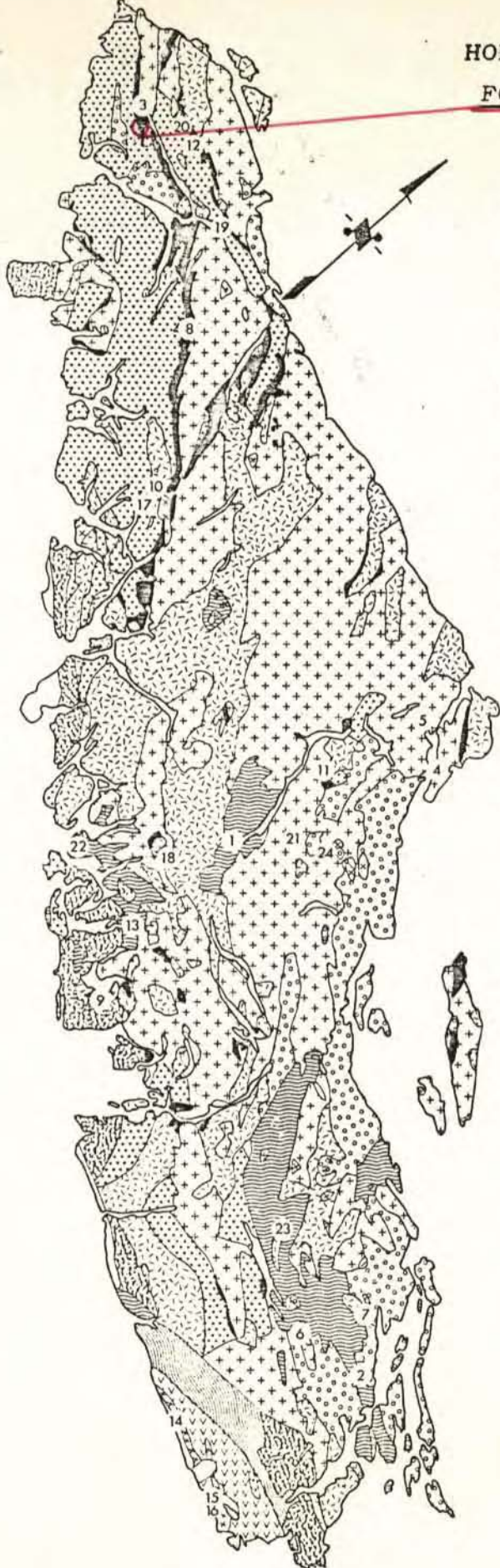
SCALE AS SHOWN
 CHECKED W.J.W.
 FILE No. HM-2.
 CONTRACT HM-2.



HOLBERG MINES LTD (N.P.L.)

FOX NOS: 1 - 20 Claims

LEGEND



	TERTIARY SEDIMENTS	MIDDLE TERTIARY
	TERTIARY INTRUSIONS	EARLY TO MIDDLE TERTIARY
	TERTIARY VOLCANICS	EARLY TERTIARY
	LATE MESOZOIC SEDIMENTS	LATE JURASSIC TO CRETAGEOUS
	LEECH RIVER SCHIST	JURA - CRETACEOUS?
	ISLAND INTRUSIONS	JURASSIC
	BONANZA SUBGROUP	EARLY JURASSIC
	QUATSINO, PARSON BAY FORMATIONS	LATE TRIASSIC
	KARMUTSEN FORMATION	TRIASSIC
	SICKER GROUP	LATE PALEOZOIC
	METAMORPHIC COMPLEX	JURASSIC OR OLDER

Department of
Mines and Technical Resources
ASSESSMENT REPORT
NO. 4908 M.P. #3

- | | | | |
|-------------------------|----|---------------------|-----|
| 1 Western Mines |)▲ | 13 Sun West | ● |
| 2 Twin J. |)△ | 14 Sunro |) |
| 3 Millington |)△ | 15 Merryth |)□ |
| 4 Quadra Island |)◇ | 16 Iron Mt. (Sooke) |) |
| 5 Menzies Bay |)◇ | 17 Privateer |)○ |
| 6 Hill 60 |)◇ | 18 Musketeer |)○ |
| 7 Lady A |)◇ | 19 Island Copper |) |
| 8 Coast Copper - Empire |)● | 20 Hep |) |
| 9 Brynnor |)● | 21 Gem Lake |)■ |
| 10 Zeballos |)● | 22 Catface |) |
| 11 Argonaut |)● | 23 Allies |) |
| 12 H. P. H. |)● | 24 Mt. Washington |)■○ |

NOTE
Explanation of symbols on figure 2

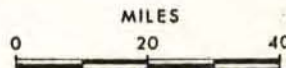


FIGURE 1—Geology and principal mineral deposits of Vancouver Island.
Volcanism, Plutonism, and Mineralization
Vancouver Island by K. E. Northcore
and J. E. Muller

FIGURE: 5

The Canadian Mining and Metallurgical