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Geochemical Report

The McVicar Claim Group

Location:	North slope Mt.Baldwin 6 miles SE of Squamish, B.C. 49° 123° NE.
Analysis by:	Leon A. Hansen, B.C. 92G/11E
Report by:	Glenn C. Waterman P. Eng.
Claim Owner:	Western Surf Inlet Mines Ltd.
Work for:	Anaconda American Brass Ltd.
Dates of work:	August 27, 1964 - October 23, 1964.

GEOCHEMICAL REPORT

THE McVICAR CLAIM GROUP

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APPENDIX 'A'

Statement of Qualifications of Leon A. Hansen

Geochemist

1954:	B.S. Physical Geology, University of Utah.
1963:	M.S. Mineralogy, option Geochemistry: (graduation pending completion of writing thesis).
1950-1954:	Part-time research in applied geochemistry for International Smelting and Refining Co. and the Anaconda Company, Utah.
1954-1963:	Exploration geologist and geochemist, The Anaconda Company, Utah.
1963:	Exploration geologist and geochemist, The Anaconda Company (Canada) Limited, Britannia Beach, B.C.

APPENDIX 'B'

Statement of Costs of the Geochemical Survey

Soil Sampling:		
Labour	62 man days for two men	$735.00
Maintenance		300.00
Soil Sampling supplies: bags, tapes, markers		15.00
Sample Analysis:	293 samples @ $1.00	298.00
Transportation (helicopter)		1700.00
Drafting		60.00
Supervision		150.00
		$3258.00

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 28 day of April 1965, A.D.

G. Thomson

Jill Turner
Sub-mining Recorder

APPENDIX 'C'

Evidence of Expenditure Incurred

Wages:

Name	Category	Rate	Days Worked	Period	Wage
K.Murdock	Sampler	$385.00/mo.	31	Aug.27 - Oct.23, 1964	$385.00
H.Tryggvason	"	350.00/mo.	31	" " "	350.00

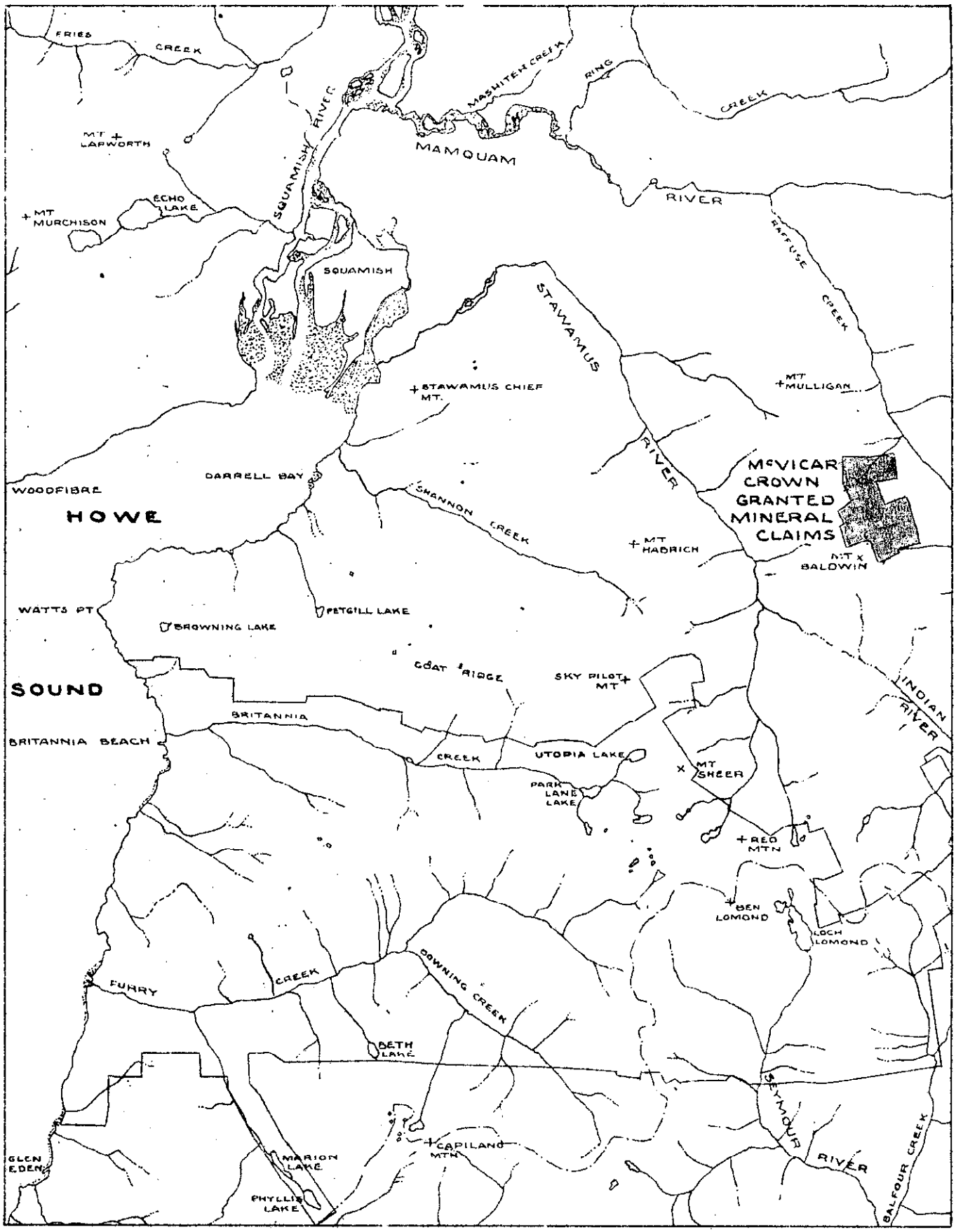
I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act".

Declared before me at the City of Vancouver, in the Province of British Columbia, this 28 day of April 1965, A.D.)

G. Gustafson

Jill Turner

Sub-mining Recorder



ANACONDA AMERICAN BRASS LTD WESTERN EXPLORATION DIVISION

INDEX MAP OF BRITANNIA AREA

SCALE : 1:100,000

0.625 INCH TO 1 MILE APPROXIMATELY

1 0 1 2 3 MILES

FIGURE 1

GEOCHEMICAL REPORT

THE McVICAR CLAIM GROUP

Introduction:

The McVicar group of claims optioned from Western Surf Inlet Mines Limited by Anaconda American Brass Limited consists of 9 Crown grant, 3 Crown grant fractions and 35 unsurveyed claims.

During the period August 27, 1964 to October 23, 1964 a total of 31 days were spent by two men making a preliminary geochemical survey, primarily over 5 Crown grant and 3 Crown grant fraction claims. These claims include the Whistler, Harding, Heather, Rainstorm, Noonday, Grouse Fr., Cabin Fr., and Slide Fr.. The eight above named Crown grant claims and fractions have been grouped together with 32 unsurveyed claims for purposes of recording the geochemical survey as credit for assessment work. The unsurveyed claims are the Bob, Bob 1 - 18, Max 1 - 10, and Phil 1 - 3. In 1963 a very modest geochemical survey (34 samples) was conducted by another party on the Bob 2 and Bob 4 claims. This survey along with some geological work was included in a report credited for assessment work. The geochemical survey described in this report was in a totally different area and represents the first stage of a programme designed to systematically prospect all of the McVicar group of claims.

The geochemical sampling and associated laboratory work was completed under the direction of Leon A. Hansen, geochemist.

Cost of Survey:

It is recognized that the cost of the geochemical survey in this instance is considerably higher than is normally the case. The principal cause of the high cost is helicopter expenses. A combined geological, geochemical and geophysical survey was carried out at the McVicar property. A camp was set up and a cook hired. Transportation of equipment and delivery of all supplies was by helicopter. Total helicopter expense was $8,638 and a figure of $1700 was taken as directly applicable to the cost of conducting the geochemical survey. This figure was derived by pro-rating man shifts spent on geochemical work into the total cost of helicopter service.

Location and Accessibility:

The McVicar property is located on the northern slopes of Mt. Baldwin approximately 8½ airline miles northeast of Britannia Beach and 6 miles southeast of Squamish (Figure 1). The claims are situated along the west side of Raffuse Creek at elevations ranging from 2000 to 4000 feet.

Access to the base camp established at the McVicar property during the 1964 field season was mainly by helicopter. The property can also be reached by trail from a logging road which extends into the area.

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Geology and Early Development:

The majority of the rocks exposed throughout the McVicar property appear to be of tuffaceous origin. Felsite and lamprophyre dikes were also noted. The volcanic rocks have been weakly to moderately schisted. The general direction of schistosity is northwest and the dip is normally steep to the west.

The principal showings at the McVicar property have been prospected by trenches, open cuts and diamond drill holes. This work has exposed scattered irregular copper mineralization associated with varying amounts of quartz, pyrite and occasional lead and zinc. Most of the development work was accomplished in the past by Britannia Mining and Smelting Company and Western Surf Inlet Mines Limited.

Purpose of the Geochemical Survey:

The geochemical survey was conducted to prospect covered ground for anomalous concentrations of copper in the soil which might be indicative of concealed mineralization worthy of further investigation.

Details of the Survey:

Chain and compass control lines were established throughout the area to be sampled. Soil samples were taken at select intervals from sidelines extended from the control lines.

Samples were taken either in the somewhat humic A_1 horizon or in the friable, partly sandy A_2 horizon. Sample depth varied from 1 to 1½ feet. All samples were sent to the geochemical laboratory at Britannia Beach for analysis.

Method of Copper Determination:

A standard weight of select, dried soil sample was screened to sub 80 mesh to the inch. The sample was then given a hot acid digestion from which standard acid solutions were prepared.

A standard aliquot of sample solution was then combined with dithizone, etc. to form a coloured dithizonate samplex the transmittancy of which was determined spectrophotometrically. Parts per million copper were determined from a graphic comparison of similarly prepared standards.

Results of the Geochemical Survey:

A map on a scale of 100 feet to the inch is enclosed with this report. It shows the soil sample values obtained in parts per million copper with reference to the claims covered by the geochemical survey.

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The relative anomalousness of copper present in the soil is evident from the contouring on the map. Values exceeding 25 parts per million copper are considered significant. The contoured patterns appear parallel to known mineralization trends.

The extent and significance of the copper anomalies will not be understood until further work is completed. The results obtained from the geochemical survey indicate further geologic mapping and geochemical surveys in the area are warranted.

Respectfully submitted,

Glenn C. Waterman

Glenn C. Waterman, P. Eng.

April 26, 1965.

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G F

PHIL 4
PHIL 2

BOB 1

NOONDAY

SLIDE FR.

BOB 2

PHIL 1

NOONDAY
CABIN FR.

RAINSTORM

MAMQUAM
BOB 19

BOB

HARDING

VIOLET
HEATHER

GROUSE FR.
WHISTLER

ROSE
LILY

H I J K L

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 626 MAP 2

1" = 100'

PPM
200
100
50
20

ANACONDA AMERICAN BRASS LIMITED
VANCOUVER MINING DIVISION, B.C.
WESTERN SURF INLET
GEOCHEMISTRY
PPM Cu
* Analyses & Interpretation
40 (PPM); (-) Nil; Blank-no analysis
6c (Index)
*Dec. 1964 L.A.H.
B.W.B.
G.L.A.

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TO ACCOMPANY GEOCHEMICAL REPORT BY GLENN C. WATERMAN P. ENG.
ON THE McVICAR GROUP, MT. BALDWIN AREA, VANCOUVER M.D., DATED APRIL 9, 1965.

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