

Title: Soil Geochemical Report on the Gavin Property

Claims: Gavin 702(6) (18 units)
Gavin 2 748(6) (9 units)

Mining Division: Cariboo

NTS Location: 93A/5E, 5W, 12E, 12W

Latitude: 52°30'
121°45'

Owner: Brican Resources Ltd.

Operator: St. Elias Exploration Corporation

Consultant: Nevin Sadlier-Brown Goodbrand Ltd.

Author: J.T. Crandall, P.Eng.

Date Submitted: 31 May 1979

7333

SUMMARY

Nevin Sadlier-Brown Goodbrand Ltd. conducted a soil geochemical survey on the Gavin and Gavin 2 mineral claims, Cariboo Mining Division, on behalf of St. Elias Exploration Corporation. This report is for submittal under Mineral Act Regulations to apply assessment work.

The Gavin 702(6) and Gavin 2 748(6) mineral claims of 18 and 9 units respectively are centred on latitude $52^{\circ}30'$ and longitude $121^{\circ}45'$. They are owned by Brican Resources Ltd. and are under option to St. Elias Exploration Corporation as operator.

The claims lie within the Mesozoic volcanic-sedimentary "Quesnel Trough" terrane. This belt of regional extent has been repeatedly intruded by stocks and batholiths, many of which host copper and/or molybdenum mineralization. Within the claims a quartz monzonite porphyry dyke swarm is intrusive into an intercalated sequence of siltstones, argillites and basic volcanics. The porphyry locally carries molybdenite and chalcopyrite mineralization.

A total of 340 soil samples (B horizon) were taken on 50 m intervals on lines 150 m apart and analyzed for copper and molybdenum by Chemex Laboratories of North Vancouver, B.C.

Anomalous copper values are isolated and form no definitive pattern. Anomalous molybdenum values occur in a zone 1100 m by 150 m on well-drained slopes with a shallow cover of glacial material. They very probably reflect a zone of enhanced molybdenite mineralization in the adjacent subcrop, inferred to be largely quartz monzonite porphyry.

TABLE OF CONTENTS

	<u>Page</u>
SUMMARY	
1.0 INTRODUCTION	1
1.1 Terms of Reference	
1.2 Location and Access	
1.3 Terrain	
1.4 Property	
1.5 Regional Geology	
1.6 Property Geology	
1.7 Previous Exploration	
1.8 Work Completed	
2.0 GEOCHEMICAL SURVEY	3
2.1 Sampling Procedure	
2.2 Analytical Procedure	
2.3 Discussion of Results	
3.0 CONCLUSIONS	5
DRAWINGS (following text of report)	
Drawing 1: Location Map	
2: Claim Map (1:50,000)	
3: Grid Map (1:10,000)	
4: Soil Geochemistry Map (1:10,000)	
APPENDICES	
Appendix A: Itemized Cost Statement	
B: Qualifications of the Author	
C: Laboratory Analysis Report	

1:0 INTRODUCTION

1.1 Terms of Reference

This report is prepared at the request of St. Elias Exploration Corporation for submittal to the Ministry of Energy, Mines and Petroleum Resources as required under Mineral Act Regulations to apply assessment work. The report describes a soil geochemical survey conducted on the Gavin and Gavin 2 mineral claims, Cariboo Mining Division during May 1979.

1.2 Location and Access

The property is located on the NTS 93A 1:250,000 topographic sheet at latitude 52°30' and longitude 121°45' (Drawing 1). Access from Williams Lake is by paved and gravel road via 150 Mile House (about 75 km) or McLeese Lake (about 95 km). The property is subtended by the Gavin Lake-Mitchell Bay road and is accessible thence by foot.

1.3 Terrain

Gavin Lake lies at an elevation of 966 m in the central plateau region of British Columbia. Topography is undulating, maximum elevations locally reaching the order of 200 m. Major drainage is through Gavin Lake to the west and is slow. Local creeks are generally seasonal. Vegetation consists of a mixed forest of conifers with lesser deciduous population.

1.4 Property

The Gavin property consists of two mineral claims: Gavin 702(6) of 18 units and Gavin 2 748(6) of 9 units for a total of 27 units (Drawing 2). For the purpose of application of this assessment report they have been grouped.

The mineral claims are owned by Brican Resources Ltd. (701 West Georgia Street, Vancouver) and have been optioned by St. Elias Exploration Corporation (503 - 134 Abbott Street, Vancouver) in early 1979.

1.5 Regional Geology

Gavin Lake lies in the western part of the north westerly trending "Quesnel Trough", a belt of Mesozoic volcanic and sedimentary rocks fault bounded against metamorphic Paleozoic and older rocks to the east and west. There are many stocks and several large batholiths intrusive into the "Trough" strata, and many have associated copper and/or molybdenum mineralization. The Cariboo-Bell porphyry copper deposit lies 8 km to the northeast. Westward 32 km is the Gibraltar porphyry copper/molybdenum mine.

1.6 Property Geology

The Gavin and Gavin 2 claims are underlain by a quartz monzonite porphyry dyke swarm intrusive into a sequence of siltstone, argillite and basic volcanic flows. Disseminated pyrite is common. Minor amounts of chalcopyrite and molybdenite are associated with the porphyry dykes as well as the quartz and quartz-feldspar veins within the porphyry.

1.7 Previous Exploration

Previous exploration work on record within the boundaries of the Gavin and Gavin 2 mineral claims has been done by Amax Exploration Inc. in 1970 and Zubex Resources Ltd. in 1973 and 1974. The Amax work comprised extensive surface investigation including geological mapping, trenching and soil, rock and silt geochemistry and covered the whole of the Gavin claim and the eastern

margin of the Gavin 2. Soil sampling by Zubex covered ground to the west of the Gavin 2 including the western margin. A prominent quartz vein north of Gavin Lake near the centre of the Gavin claim has been prospected for gold and silver values and X-ray drilled (213 m in at least two holes) by Mr. L. Tattersall in 1966.

1.8 Work Completed

A total of 340 soil samples were collected within an area of 250 hectares on a grid 150 m by 50 m covering, north of the Gavin Lake drainage, most of the Gavin 2 claim and the western portion of the Gavin claim. The survey lines were laid out with chain and compass and slashed and flagged through the bush.

2.0 GEOCHEMICAL SURVEY

2.1 Sampling Procedure

Over the area sampled the majority of soils are developed on drained, wooded slopes and show a well developed A horizon of humus and humic loam underlain by a brown to greyish-brown loamy clay grading into a parent boulder clay of variable thickness. There are several areas of restricted drainage and swamp which are underlain by thick accumulations of organic rich soil.

Samples were collected from the B horizon of the well-drained soils with a view to excluding any humic fraction. No samples were taken from the humic soils in boggy areas.

2.2 Analytical Procedure

Samples were dried for six to eight hours at 50°C and screened. One gram of the -80 mesh fraction was digested for two hours in a 70 percent solution of perchloric and concentrated nitric acids.

This was then diluted to a standard volume of 25 ml, the residue allowed to settle and analysis performed by atomic absorption method. Limit of detection for copper is 1.0 ppm and for molybdenum is 0.5 ppm.

2.3 Discussion

Drawing 4 displays the distribution of copper and molybdenum values over the area sampled, copper plotted to the left and molybdenum to the right. Inspection of frequency histograms establishes the following background and anomalous regions:

	<u>Cu (ppm)</u>	<u>Mo (ppm)</u>
Background	0-80	0-5
Positive	81-120	6-7
Anomalous	≥ 120	≥ 8


Anomalous copper values are isolated and do not form any pattern, being scattered across the area sampled. This is not unusual in view of the complexities of the underlying volcanic sedimentary and intrusive terrane with its attendant diffuse sulfide mineralization. In general the copper values do not correspond to anomalous molybdenum values.


The anomalous molybdenum values are also scattered but in general within more discrete bounds. This reflects a subcrop believed to be primarily quartz monzonite porphyry. Molybdenite mineralization is known to be associated with this intrusive unit, including the related quartz and quartz-feldspar veining. Contouring on intervals of 6, 8, and 16 ppm in the area of most cohesive response produces a positive and anomalous zone about 1100 m by 150 m trending northwesterly. This encompasses three anomalous copper values as well.

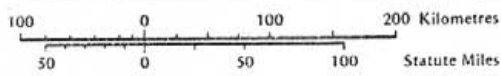
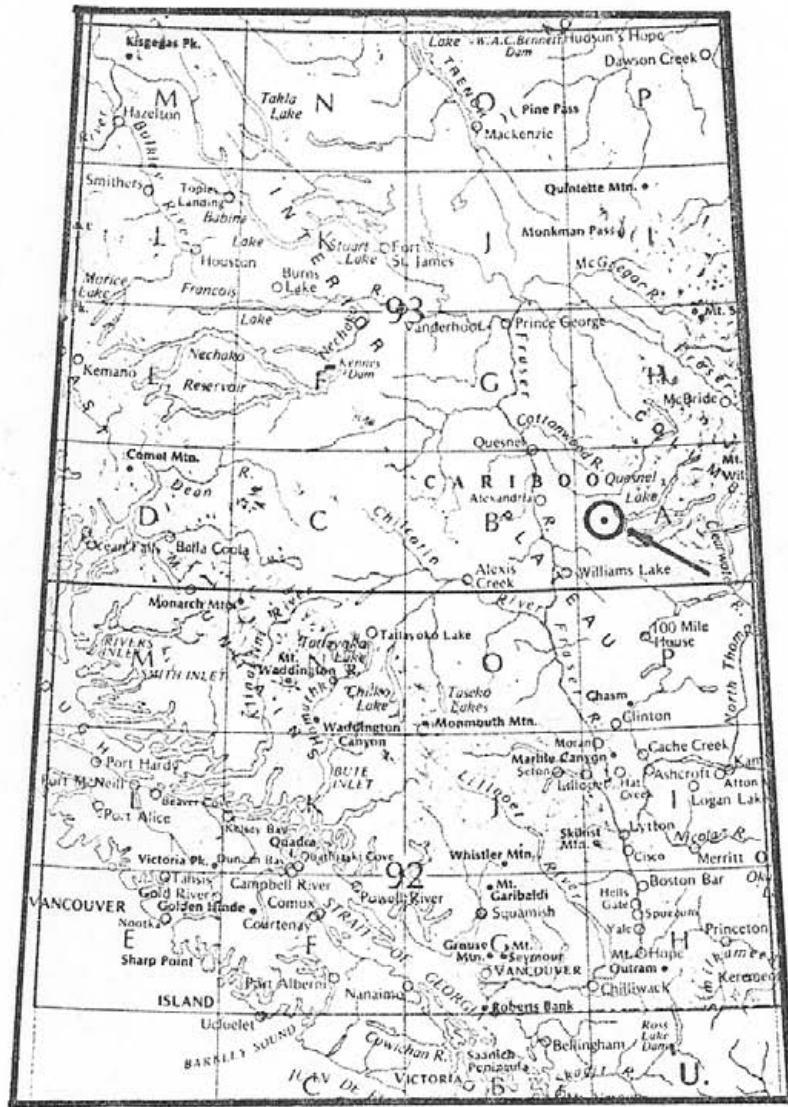
3.0 CONCLUSIONS

The molybdenum soil geochemical anomaly with subsidiary copper values is developed on moderate to moderately steep well-drained slopes, in glacially transported material, which likely do not exceed three to four m in depth. The anomaly is aligned with both the direction of glacial transport and the regional structure. The anomaly quite probably reflects enhanced molybdenum and copper mineralization in proximal intrusive subcrop.

Respectfully submitted


John T. Crandall, P. Eng.

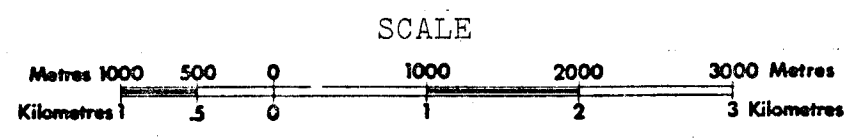
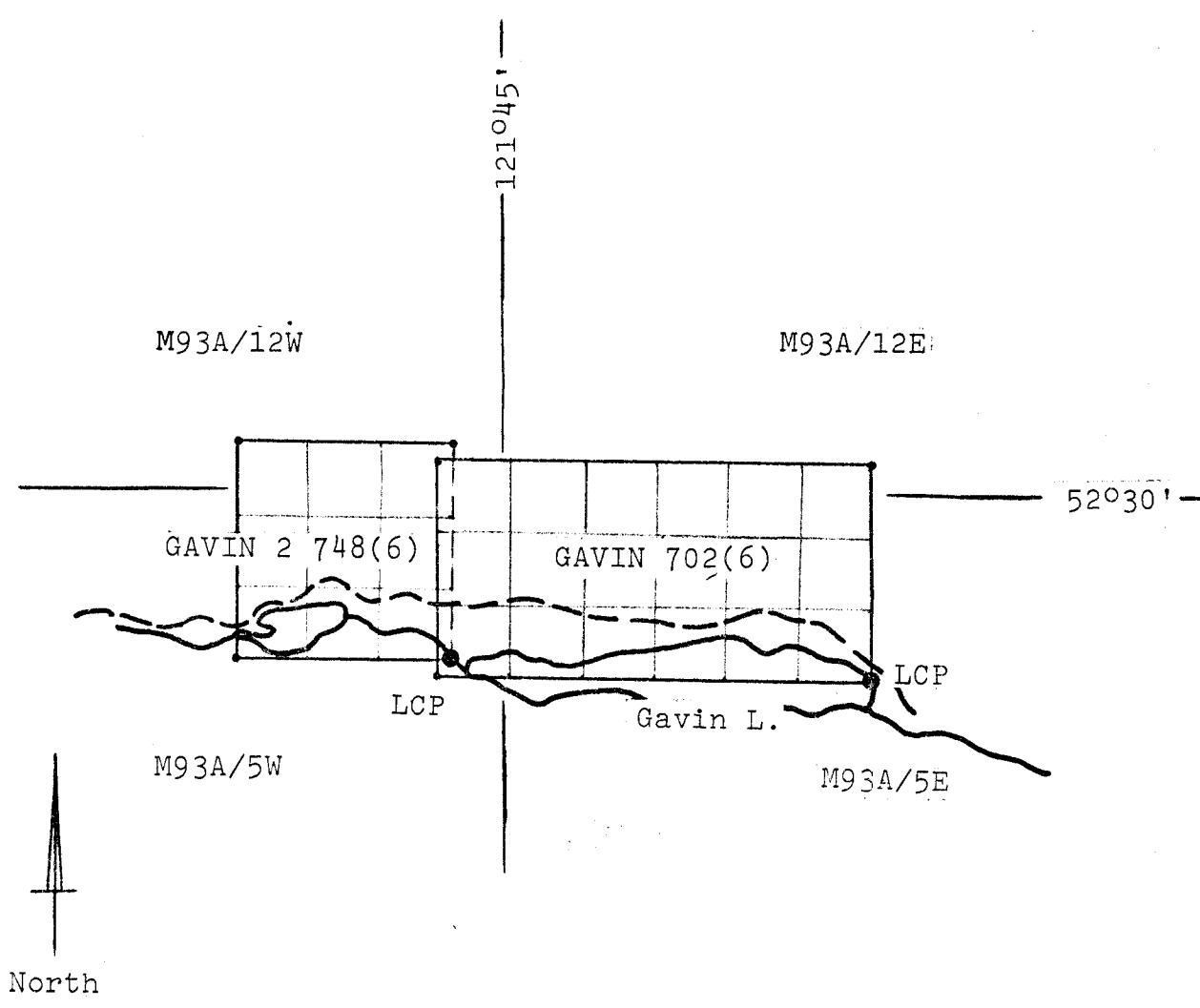




St. Elias Exploration Corporation
 GAVIN PROPERTY
 Cariboo Mining Division
 LOCATION MAP

May 1979

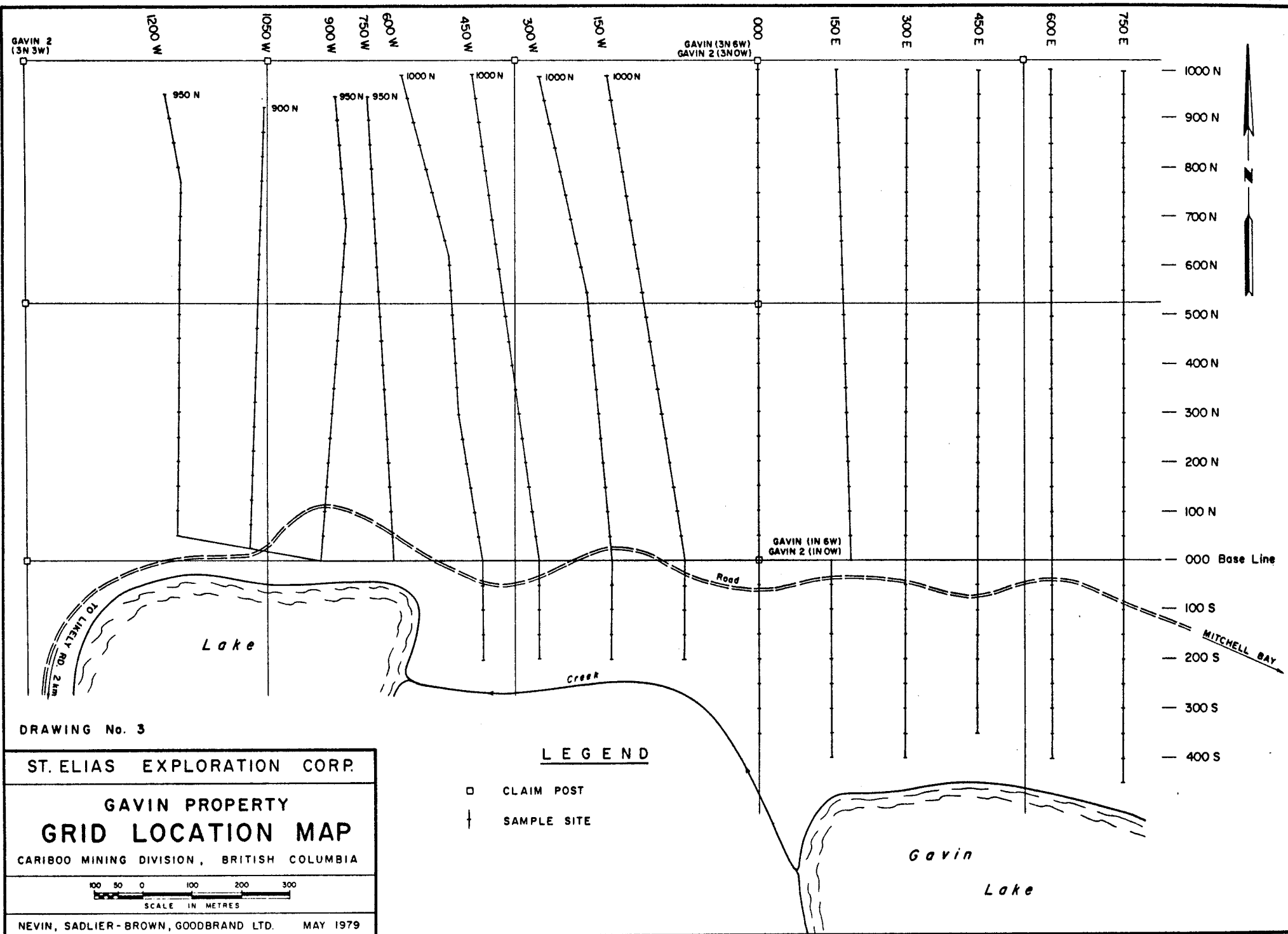
Drawing 1



St. Elias Exploration Corporation
 GAVIN PROPERTY
 Cariboo Mining Division
 CLAIM MAP

May 1979

Drawing 2'



GAVIN 2
(3N 3W)

GAVIN (3N 6W)
GAVIN 2 (3N 0W)

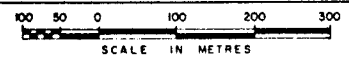
GAVIN (1N 6W)
GAVIN 2 (1N 0W)

DRAWING No. 3

ST. ELIAS EXPLORATION CORP.

GAVIN PROPERTY
GRID LOCATION MAP

CARIBOO MINING DIVISION, BRITISH COLUMBIA



NEVIN, SADLER-BROWN, GOODBRAND LTD. MAY 1979

LEGEND

- CLAIM POST
- ⊥ SAMPLE SITE

- 1000 N
- 900 N
- 800 N
- 700 N
- 600 N
- 500 N
- 400 N
- 300 N
- 200 N
- 100 N
- 000 Base Line
- 100 S
- 200 S
- 300 S
- 400 S



TO LINELY RD. 2 km

Lake

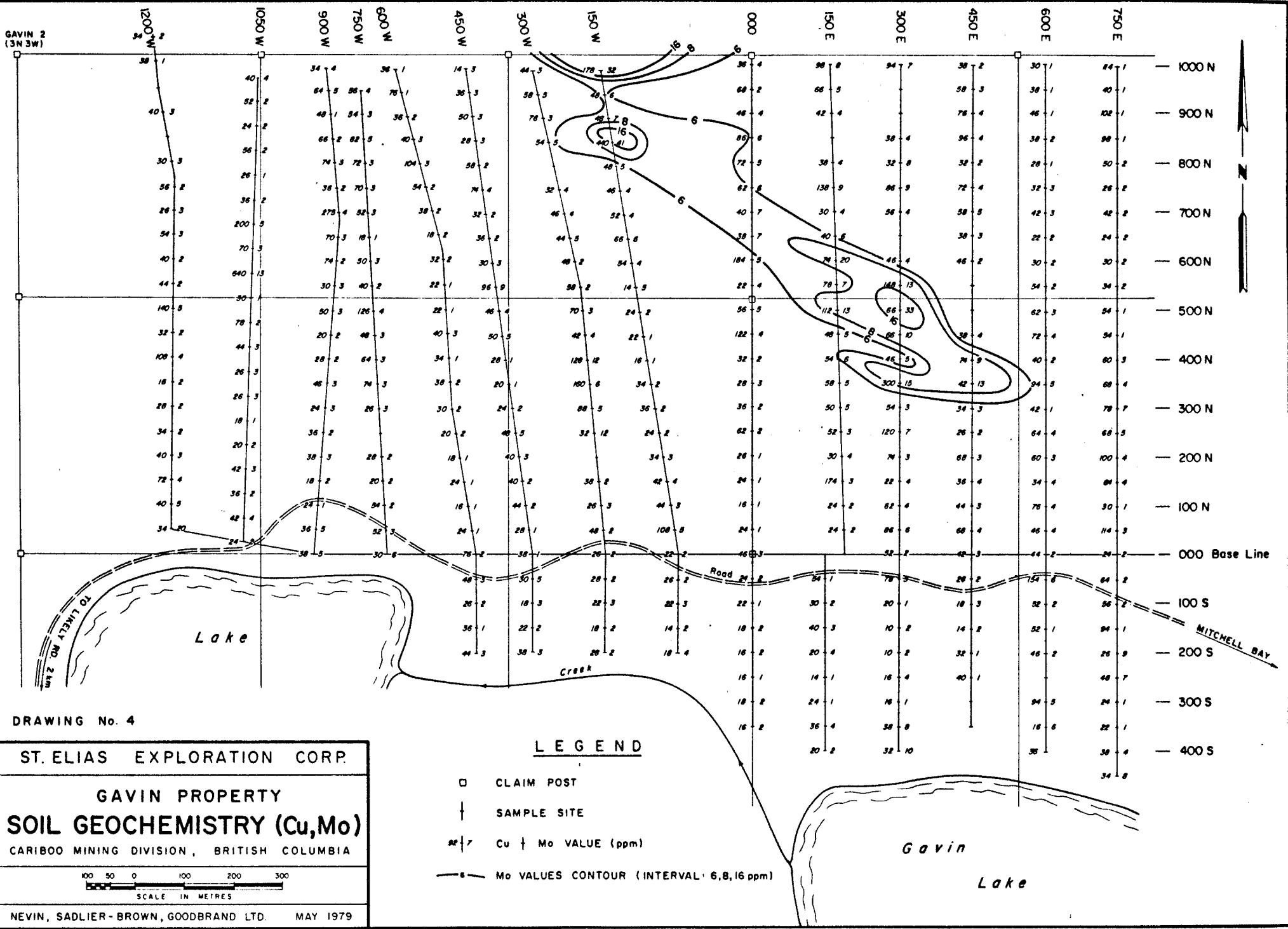
Creek

Road

MITCHELL BAY

Gavin

Lake



GAVIN 2
(3N 3W)

1200 W 1050 W 900 W 750 W 600 W 450 W 300 W 150 W 000 150 E 300 E 450 E 600 E 750 E

1000 N
 900 N
 800 N
 700 N
 600 N
 500 N
 400 N
 300 N
 200 N
 100 N
 000 Base Line
 100 S
 200 S
 300 S
 400 S

TO LINELY RD. 2 km

Lake

Creek

Road

MITCHELL BAY

Gavin

Lake

APPENDIX A

ITEMIZED COST STATEMENT

I. Fees for Personnel (May 17 - May 24, 1979)

<u>Name</u>	<u>Title</u>	<u>Days</u>	<u>Rate</u>	<u>Total</u>
J.T. Crandall	P.Eng.	12	\$250	3000
J. Addison	Sampler	9	80	720
B. Sheffield	Sampler	8	80	640
C. Nissila	Sampler	8	72	576
H. MacDonald	Sec.-typist	12	16.50/hr	198
	Draughtsperson	8	12/hr	96
				<u>5230</u>

II. Travel to and from Property (including sample transport)

Bow Mac truck rental	\$220.00	
Pacific Western Airlines	50.00	
Pacific Western Airlines	13.80	
Richmond Taxi	20.00	
Fuel	54.22	
	<u>358.02</u>	358.02

III. Disbursements

Expendible supplies	19.63	
Assay (Chemex Labs)	809.64	
	<u>829.27</u>	829.27
		<u>\$6417.29</u>

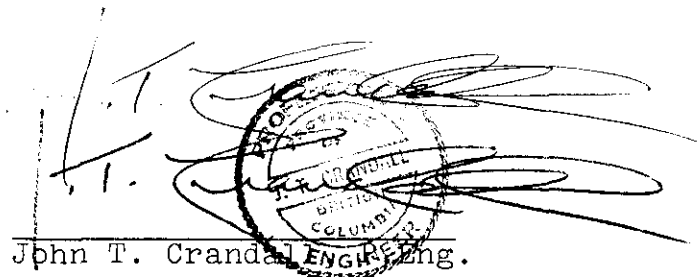
APPENDIX B
QUALIFICATIONS OF THE AUTHOR

I, John T. Crandall, hereby certify that:

1. My residence address is 3 - 2859 W. Broadway Avenue, Vancouver, B.C.; my office address is 5th floor - 134 Abbott Street, Vancouver, B.C. V6B 2K4; and that I am a Geologist by occupation.

2. I hold a B.Sc. in Geological Engineering from the University of Toronto, Ontario. I have been practicing my profession since 1970, and I am a member of the Association of Professional Engineers (Geological) of the Province of British Columbia.

3. I directed the work described in the attached report.


John T. Crandall, Eng.

May 31, 1979



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
503 - 134 Abbott St.,
Vancouver, B.C.
V6B 2K4

ATTN:

CERTIFICATE NO. 47234

INVOICE NO. 30311

RECEIVED May 25/79

ANALYSED May 29/79

SAMPLE NO. :	PPM Cu	PPM Mo
300P 1	30	4
300P 2	48	5
300P 3	38	4
1050P 1	86	3
1050P 2	42	2
1050P 3	20	1
0+00W 0+00N	46	3
0+50	24	1
1+00	16	1
1+50	24	1
2+00	26	1
2+50	62	2
3+00	36	2
3+50	28	3
4+00	32	2
4+50	122	4
5+00	56	5
5+50	22	4
6+00	184	5
6+50	38	7
7+00	40	7
7+50	62	6
8+00	72	5
8+50	86	6
9+00	46	4
9+50	68	2
0+00W 10+00N	36	4
0+00 0+50S	24	2
1+00	22	1
1+50	18	2
2+00	16	2
2+50	16	1
3+00	18	2
0+00 3+50S	16	2
1+50E 0+50N	24	2
1+00	24	2
1+50	174	3
2+00	30	4
2+50	52	3
1+50E 3+00N	50	5



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47235

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B.C.
 ATTN: V6B 2K4

INVOICE NO. 30311

RECEIVED May 25/79

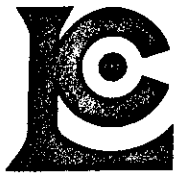
ANALYSED May 29/79

SAMPLE NO. :	PPM	
	Cu	Mo
1+50E 3+50N	58	5
4+00	54	6
4+50	48	5
5+00	112	13
5+50	78	7
6+00	74	10
6+50	40	6
7+00	30	4
7+50	138	9
8+00	38	4
9+00	42	4
9+50	66	5
10+00N	98	8
0+50S	54	1
1+00	30	2
1+50	40	3
2+00	20	4
2+50	14	1
3+00	24	1
3+50	36	4
1+50E 4+00S	20	2
3+00E 0+00N	52	2
0+50	86	6
1+00	62	4
1+50	22	4
2+00	74	3
2+50	120	7
3+00	54	3
3+50	300	15
4+00	46	5
4+50	66	10
5+00	66	33
5+50	142	13
6+00	46	4
7+00	56	4
7+50	86	9
8+00	32	8
9+50	38	4
10+00N	94	7
3+00E 0+50S	78	3



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B.C.
 V6B 2K4

ATTN:

CERTIFICATE NO. 47236

INVOICE NO. 30311

RECEIVED May 25/79

ANALYSED May 29/79

SAMPLE NO. :	PPM	PPM
	Cu	Mo
3+00E 1+00S	20	1
1+50	10	2
2+00	10	2
2+50	16	4
3+00	16	1
3+50S	38	8
3+00E 4+00S	32	10
3+00W 0+00N	26	2
0+50	48	2
1+00	26	3
1+50	38	2
2+50	32	12
3+00	88	5
3+50	160	6
4+00	128	12
4+50	42	4
5+00	70	3
5+50	58	2
6+00	48	2
6+50	44	5
7+00	46	4
7+50	32	4
8+50	54	5
9+00	78	3
9+50	58	5
10+00N	44	3
0+50S	28	2
1+00	22	3
1+50	18	2
3+00W 2+00S	28	2
4+50E 0+00N	42	3
0+50	68	4
1+00	44	3
1+50	36	4
2+00	68	3
2+50	26	2
3+00	34	3
3+50	42	13
4+00	74	9
4+50	38	4
4+50E 6+00N	46	2



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Siekle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B.C.
 V6B 2K4

ATTN:

CERTIFICATE NO. 47237

INVOICE NO. 30311

RECEIVED May 25/79

ANALYSED May 29/79

SAMPLE NO. :	PPM	PPM
	Cu	Mo
4+50E 6+50N	38	3
7+00	58	5
7+50	72	4
8+00	32	2
8+50	96	4
9+00	76	4
9+50	58	3
10+00N	38	2
0+50S	28	2
1+00	18	3
1+50	14	2
2+00	32	1
4+50E 2+50S	40	1
4+50W 0+00N	38	1
0+50	28	1
1+00	44	2
1+50	40	2
2+00	40	3
2+50	48	5
3+00	24	2
3+50	20	1
4+00	28	1
4+50	50	5
5+00	46	4
5+50	96	9
6+00	30	3
6+50	36	2
7+00	32	2
7+50	74	4
8+00	58	2
8+50	28	3
9+00	50	3
9+50	36	3
10+00	14	3
0+50S	30	5
1+00	18	3
1+50	22	2
4+50W 2+00S	38	3
6+00E 0+00N	44	2
6+00E 0+50N	46	4



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B.C.
 V6B 2K4

ATTN:

CERTIFICATE NO. 47238

INVOICE NO. 30311

RECEIVED May 25/79

ANALYSED May 29/79

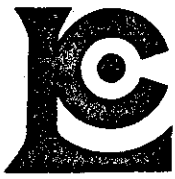
SAMPLE NO. :	PPM	
	Cu	Mo
6+00E 1+00N	76	4
1+50	34	4
2+00	60	3
2+50	64	4
3+00	42	1
3+50	94	5
4+00	40	2
4+50	72	4
5+00	62	3
5+50	54	2
6+00	30	2
6+50	22	2
7+00	42	3
7+50	32	3
8+00	28	1
8+50	38	2
9+00	46	1
9+50	38	1
10+00N	30	1
0+50S	154	6
1+00	52	2
1+50	52	1
2+00	46	2
3+00	94	5
3+50	16	6
6+00E 4+00S	36	1
6+00W 0+00N	76	2
0+50	24	1
1+00	16	1
1+50	24	1
2+00	18	1
2+50	20	2
3+00	30	2
3+50	38	2
4+00	34	1
4+50	40	3
5+00	22	1
5+50	22	1
6+00	32	2
6+00W 6+50N	18	2



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Bille



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B.C.

CERTIFICATE NO. 47239
 INVOICE NO. 30311
 RECEIVED May 25/79
 ANALYSED May 30/79

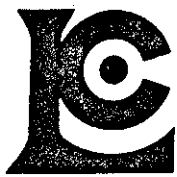
ATTN:

SAMPLE NO. :	PPM Copper	PPM Molybdenum
6+00W 7+00N	38	2
7+50	54	2
8+00	104	3
8+50	40	3
9+00	36	2
9+50	76	1
10+00N	36	1
0+50S	48	3
1+00	26	2
1+50	36	1
6+00W 2+00S	44	3
7+50E 0+00N	24	2
0+50	114	3
1+00	30	1
1+50	64	4
2+00	100	4
2+50	68	5
3+00	78	7
3+50	68	4
4+00	60	3
4+50	54	1
5+00	54	1
5+50	34	2
6+00	30	2
6+50	24	2
7+00	42	2
7+50	26	2
8+00	50	2
8+50	98	1
9+00	102	1
9+50	40	1
10+00N	114	1
0+50S	64	2
1+00	56	2
1+50	94	1
2+00	26	9
2+50	48	7
3+00	24	1
3+50	22	1
4+00	38	4
7+50E 4+50S	34	8



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Nevin Sadlier*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47240

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B. C.

INVOICE NO. 30311

RECEIVED May 25/79

ATTN: V6B 2K4

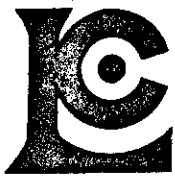
ANALYSED May 30/79

SAMPLE NO. :	PPM Copper	PPM Molybdenum
7+50W 0+00N	30	6
0+50	52	3
1+00	54	2
1+50	20	2
2+00	28	2
3+00	26	3
3+50	74	3
4+00	64	3
4+50	48	3
5+00	126	4
5+50	40	2
6+00	50	3
6+50	18	1
7+00	52	3
7+50	70	3
8+00	72	3
8+50	82	5
9+00	54	3
7+50W 9+50N	56	4
9+00W 0+00N	38	5
0+50	36	5
1+00	24	1
1+50	18	2
2+00	38	3
2+50	36	2
3+00	24	3
3+50	46	3
4+00	28	2
4+50	20	2
5+00	50	3
5+50	30	3
6+00	74	2
6+50	70	3
7+00	275	4
7+50	36	2
8+00	74	3
8+50	66	2
9+00	48	1
9+00W 9+50N	64	5



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier Brown Goodbrand Ltd.,
 503 - 134 Abbott St.,
 Vancouver, B .C.

CERTIFICATE NO. 47241
 INVOICE NO. 30311
 RECEIVED May 25/79
 ANALYSED May 30/79

ATTN:

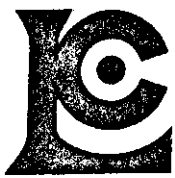
SAMPLE NO. :	PPM Copper	PPM Molybdenum
9+00W 10+00N	34	4
10+50W 0+00N	24	2
0+50	42	4
1+00	36	2
1+50	42	3
2+00	20	2
2+50	18	1
3+00	26	3
3+50	26	3
4+00	44	3
4+50	78	2
5+00	30	1
5+50	640	13
6+00	70	3
6+50	200	5
7+00	36	2
7+50	26	1
8+00	56	2
8+50	24	2
9+00	52	2
10+50W9+50	40	4
12+00W 0+00N	134	20
0+50	40	5
1+00	72	4
1+50	40	3
2+00	34	2
2+50	28	2
3+00	16	2
3+50	108	4
4+00	32	2
4+50	140	5
5+00	44	2
5+50	40	2
6+00	54	3
6+50	26	3
7+00	56	2
7+50	30	3
8+50	40	3
9+50	38	1
12+00W 10+00N	34	2



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Nevin Sadlier-Brown Goodbrand Ltd.,
503 - 134 Abbott St.,
Vancouver, B. C.

CERTIFICATE NO. 47242

INVOICE NO. 30311

RECEIVED May 25/79

ANALYSED May 30/79

ATTN:

SAMPLE NO. :	PPM Copper	PPM Molybdenum
1+50W 0+00N	22	2
0+50	108	5
1+00	44	3
1+50	42	4
2+00	34	3
2+50	24	2
3+00	36	2
3+50	34	2
4+00	16	1
4+50	22	1
5+00	24	2
5+50	14	5
6+00	54	4
6+50	66	6
7+00	52	4
7+50	46	4
8+00	48	5
8+50	440	41
9+00	48	7
9+50	42	6
10+00N	178	32
0+50S	26	2
1+00	22	3
1+50	14	2
1+50W 2+00S	18	4



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: W. J. Sadlier