

# 4777

GEOLOGICAL AND GEOCHEMICAL REPORT

927/9E

ON THE "X" CLAIM GROUP

AT BLACKPOOL, B.C. IN

THE KAMLOOPS M.D.

Longitude 120° 10' W. and Latitude 51° 35' N.

by

James W. McLeod, B.Sc.

for

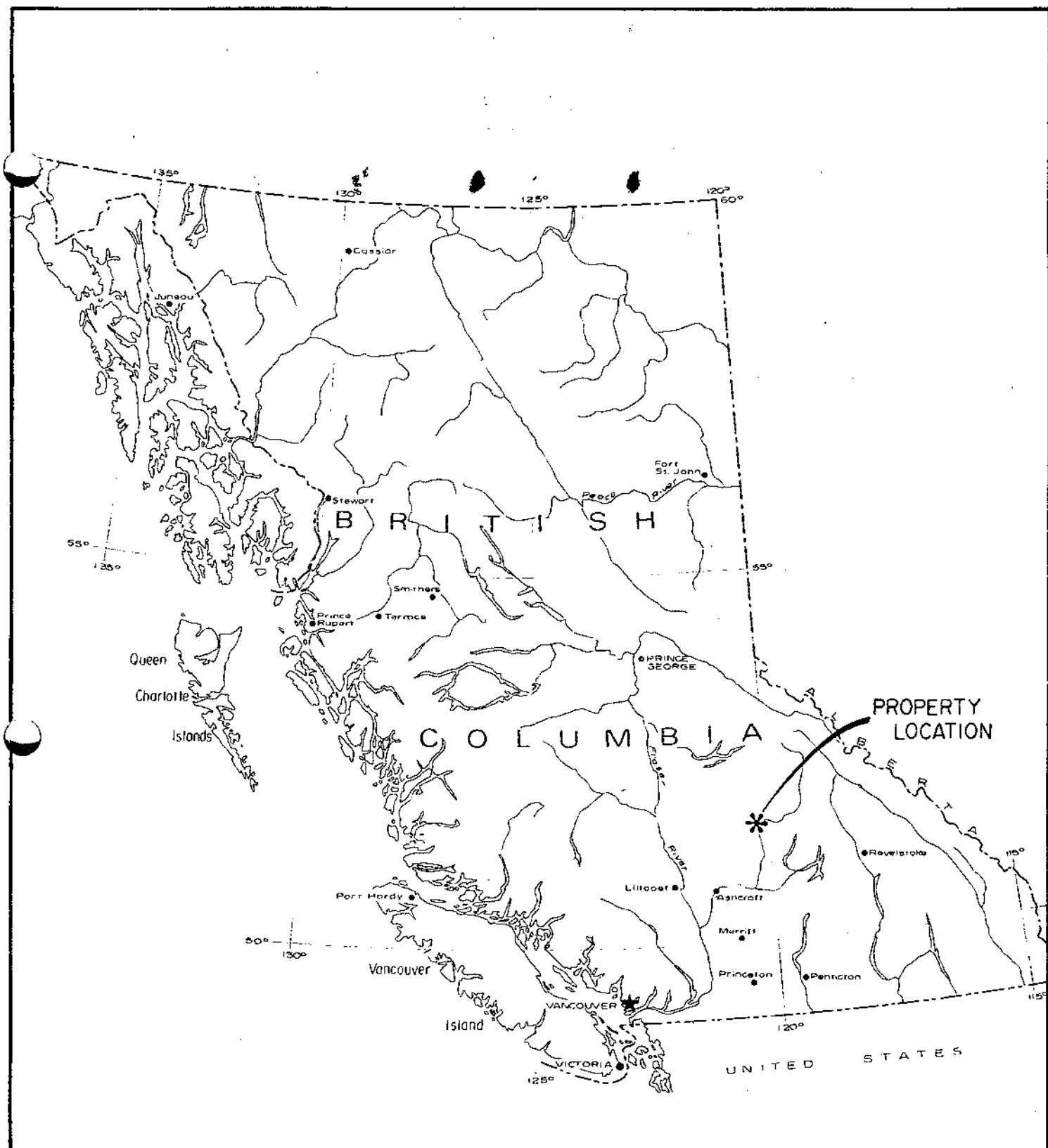
GOLDEN EARS MINES LTD. (N.P.L.)

Work done - November 8 to November 25, 1973

~~Report done - December 13 to December 17, 1973.~~

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT

NO. **4777** MAP .....



Department of  
 Mines and Petroleum Resources  
 ASSESSMENT REPORT  
 NO. **4777** MAP **#1**

GOLDEN EARS MINES LTD. (N.P.L.)  
 X CLAIM GROUP  
 LOCATION MAP  
 MANN CREEK, B.C.

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APPENDIX

Geochemical Soil and Rock Analyses

Pages i - xvi incl.

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#4 4. Geology Map	in back
#5 5. Geochemical Anomaly Map	in back
#6 6. Linecutting	

### INTRODUCTION

During the period November 8 - November 25, 1973, a field-work program consisting of geological mapping, geochemical soil and rock sampling and linecutting was conducted over the X claims. The program was carried out by T & S Enterprises Ltd. under the supervision of the writer, on behalf of the claim owners, Golden Ears Mines Ltd. (N.P.L.).

### PROPERTY AND OWNERSHIP

The property comprises a total of 40 claims, X 1 - X 40.

The claims are owned by Golden Ears Mines Ltd. (N.P.L.).

### LOCATION AND ACCESS

The X claims are located at

longitude  $120^{\circ} 10'$  and

latitude  $51^{\circ} 35'$  N.

The claims lie 8 miles S.W. of Clearwater, B.C. on Mann Creek and can be reached by motor vehicle by travelling north on Highway #5 from Kamloops, B.C. to Blackpool, B.C.

### PHYSICAL AND TOPOGRAPHICAL ENVIRONMENT

The property is centered about a moderately steep-walled northwest trending valley (Mann Creek). Elevations on the property range from 1400' - 4500' M.S.L.

Vegetation consists of moderately dense coniferous forest and sparse underbrush or, in some areas to moderately dense deciduous forest.

Outcrop is abundant throughout the property.

#### DESCRIPTION OF FIELDWORK PROGRAM

The fieldwork program commenced on November 8, 1973 and consisted of

- a) Linecutting,
- b) Geochemical soil and rock sampling, and
- c) geological mapping.

#### a) Linecutting (see Figure 5).

Lines were installed on a contour basis and slope corrected stations were marked at 100 foot intervals along the lines. Slope corrections were carried out using a chain and clinometer. Approximately 12 miles of line were installed in this fashion.

#### b) Geochemical Soil and Rock Sampling Program

A total of 596 soil samples were collected at 100 foot intervals along the grid lines using a mattock. All soils were taken from the "B" soil horizon.

18 rock samples were collected from various parts of the property.

All samples were placed in brown kraft bags and air dried. The samples were analysed by Vancouver Geochemical Laboratory Ltd., 1521 Pemberton Avenue, North Vancouver, B.C.

The analytical procedure used on the samples was sifting and/or grinding to -80 mesh, hot  $\text{HClO}_4 - \text{HNO}_3$  digestion for Cu and Pb and aqua regia digestion and liquid ion exchange for Au with subsequent analyses on the Techtron AA5 and AA1000 atomic absorption units. The results are reported in ppm for Cu and Pb and ppb for Au (See Appendix).

c) Geological Mapping (See Figure 4)

The designated area was geologically mapped at a scale of 1"=1000' with the aid of a base map prepared by the Lockwood Survey Corporation Ltd. of Vancouver, B.C. and airphotographs #BC.5209 - 138 and 139.

TREATMENT OF GEOCHEMICAL DATA

Statistical treatment of the geochemical data gave the following results:

	<u>N</u>	<u>EX</u>	<u>EX<sup>2</sup></u>	<u><math>\bar{X}</math></u>	<u>S</u>	<u>Bar Interval</u>
Cu	594	23,885	1,417,942	40	48	12
Pb	586	14,135	406,423	24	26	7

Where N is the number of samples,

$\bar{X}$  is the mean defined as  $\frac{EX}{N}$ ,

EX is the sum of the metal values in ppm,

S is the standard deviation calculated from the formula

$$S = \sqrt{\frac{EX^2 - N\bar{X}^2}{N-1}}$$

The bar interval is chosen between 1/4S and 1/2S.

Frequency distribution graphs using the above bar intervals show the following division of values by visual inspection (See Figures 2 and 3);

	<u>Background</u>	<u>Anomalous</u>
Cu	0 - 89 ppm	> 89 ppm
Pb	0 - 41 ppm	> 41 ppm

#### GEOCHEMICAL RESULTS

A number of anomalous zones were encountered by the reconnaissance soil survey (See Figure 5).

The lead anomalies are deemed more significant by the writer for several reasons, the first being the magnitude of some of the values, plus the coincidence with carbonate rich soil, suggesting a series of quartz - carbonate veinlets similar to the original showing on the property. Secondly, the grouping and disposition of the anomalous values affords the possibility of encountering more than one northwesterly trending mineralized structure.

#### GEOLOGY, ALTERATION AND MINERALIZATION

Two mapable rock units were recognized on the property. The oldest and most abundant being a metamorphosed and, in some places, strongly foliated and fractured greenstone indicated by Campbell & Tipper 1964, 1965, to be a member of the Upper Triassic or earlier Fennell Formation. This older member is overlain in a number of places along Mann Creek by a purple vesicular basalt, presumably of Tertiary Age.

The alteration observed on the property was as calcite - epidote fracture fillings, in some places accompanied by pyrite and minor chalcopyrite. In addition to the pyrite - chalcopyrite mineralization a fairly strong showing of galena in a 2' - 3' quartz-carbonate stringer was observed on the west side of Mann Creek (See Figure 4).

#### CONCLUSIONS AND RECOMMENDATIONS

Four areas exhibiting in place mineralization (See Figure 4) should be further tested by hand trenching and/or shallow diamond drilling.

The anomalous zones revealed by the geochemical soil survey should be further explored by close-spaced geochemical soil sampling and subsequent hand trenching or drilling. As soon as the weather permits the geochemical soil reconnaissance grid should be extended to the western boundary of the claims and further ground acquired in this direction if the results so warrant it.





# FREQUENCY DISTRIBUTION

CU. in. 594  
SOIL SAMPLES

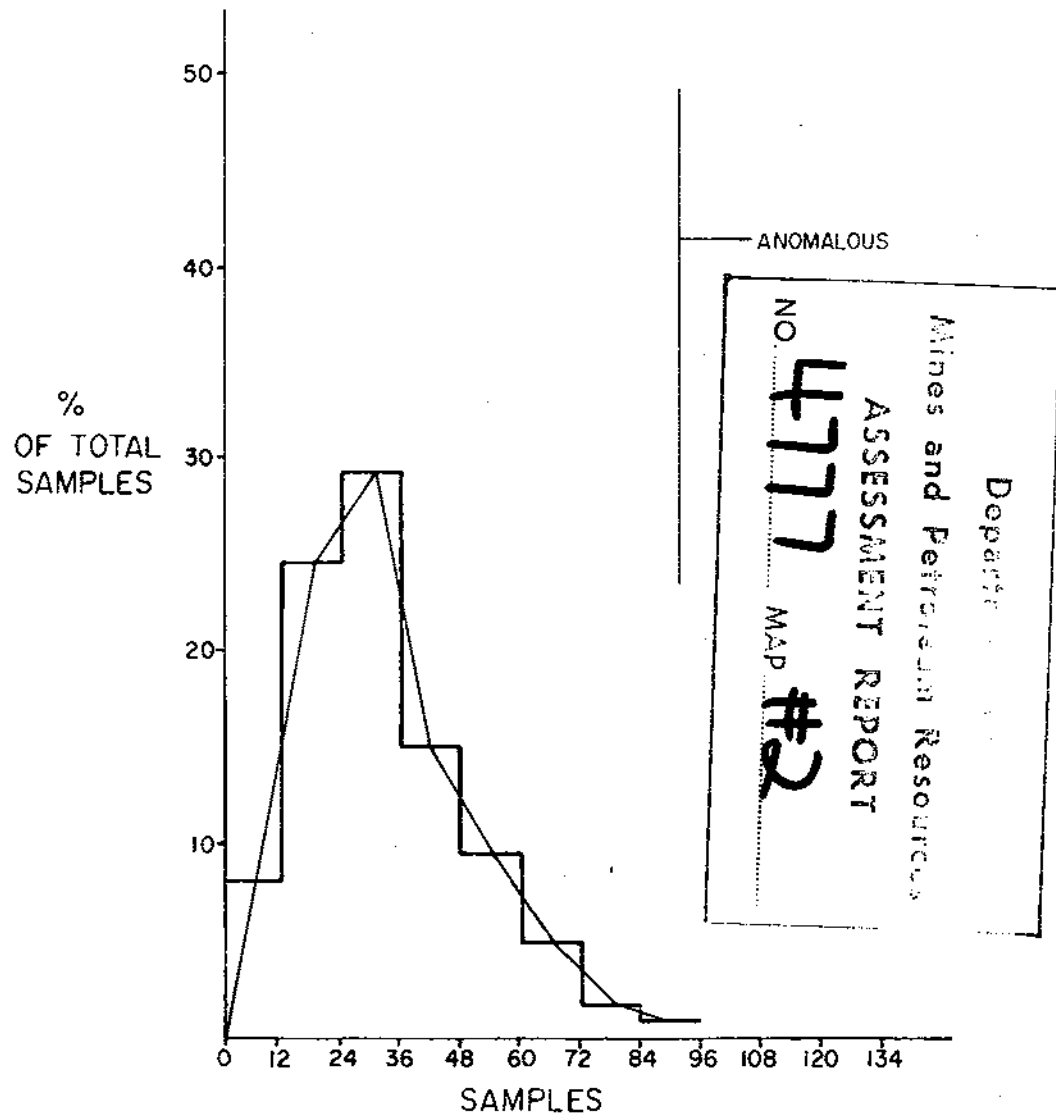
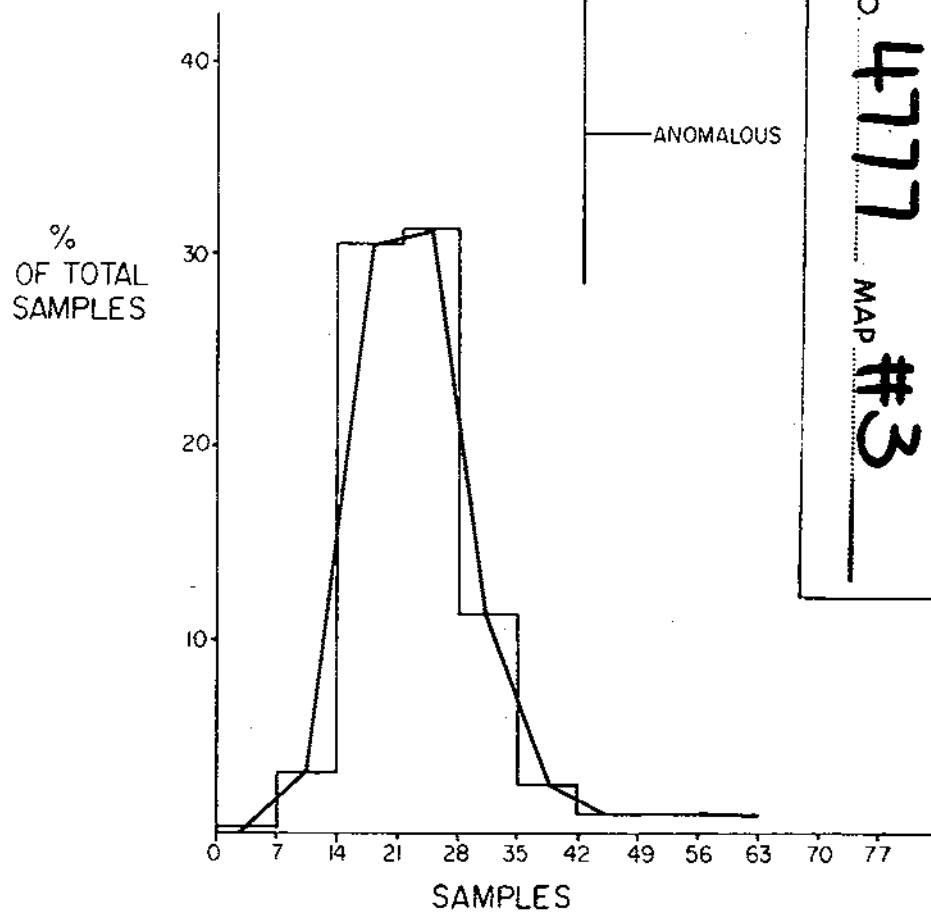


FIG. 2  
GOLDEN EARS MINES LTD. (N.P.L.)  
X CLAIM GROUP  
MANN CREEK, B.C.

**FREQUENCY DISTRIBUTION**  
*PB. in. 586*  
**SOIL SAMPLES**



Department of  
 Mines and Technical Surveys  
**ASSESSMENT REPORT**  
 NO. **4777** MAP **#3**

FIG. 3  
 GOLDEN EARS MINES LTD. (N.P.L.)  
 X CLAIM GROUP  
 MANN CREEK, B.C.

PERSONNEL

McLeod, James W. B.Sc. (Major Geology) 1969 U.B.C.

Supervisor and geologist

Has worked in the industry since 1967.

Forster, Jacob

Field technician, prospector.

Has worked in the industry since 1949.

COST DECLARATION

A.	<u>Personnel</u>	<u>Dates Worked</u>
	McLeod, James W.	November 8 - November 25, incl.
	Forster, Jacob	November 8 - November 25, incl.
	McLeod, James W.	Report preparation, December 13 - December 17.

B.	<u>Personnel</u>	<u>Fee</u>	<u>Total for Period</u>
	McLeod, James W.	\$100/day	\$1800
	Forster, Jacob	\$ 75/day	<u>1350</u>
			<u>\$3150</u>

C. Direct Costs Related to Assessment Work

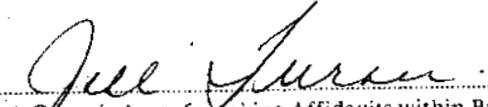
a) Fees	\$ 3,150
b) Living Expenses	625
c) Transportation	100
d) Geochemical Analyses	1,050
e) Topographic Map	325
f) Communications	25
g) Equipment and Supplies	100
h) Report preparation	<u>375</u>

Total: \$ 5,750

Declared before me at the City  
of Vancouver, in the  
Province of British Columbia, this 18  
day of Dec, 1973, A.D.

Respectfully submitted,

  
James W. McLeod

  
A Commissioner for taking Affidavits within British Columbia or  
A Notary Public in and for the Province of British Columbia.  
Sub-mining Recorder

CERTIFICATE

I, James W. McLeod, of the Town of Ladner, Province of British Columbia, hereby certify as follows:-

1. I am a geologist and an Associate Member of the Geological Association of Canada.
2. I reside at 123 - 4895, 55B Street, Ladner, B.C.
3. I graduated in 1969 from the University of British Columbia, B.Sc. (Major - Geology).
4. I have practised my profession since 1969.
5. I own 3000 free shares of Golden Ears Mines Ltd. (N.P.L.) for which I paid cash and 342,500 of escrowed stock in the same company for vending my portion of the G.E. 1-6 mineral claims, near Whonnock, B.C. to the Company.
6. I am Secretary - Treasurer of Golden Ears Mines Ltd. (N.P.L.).
7. The above report is based on extensive field work, on my part, from November 8 - November 25, 1973.

DATED AT Vancouver, B.C. this 17th day of December, 1973.

  
James W. McLeod, B.Sc.

CERTIFICATE

I, E. Percy Sheppard, of the City of Vancouver,  
in the Province of British Columbia, hereby certify THAT:-

I am a Consulting Geologist with offices at 314 - 402 West  
Pender Street, Vancouver, B.C.;

I am a graduate of Dalhousie University, with a B.Sc. in  
Geology, and have been active in mining exploration and  
geophysics for over thirty years;

I have received a report dated December 17, 1973, based on  
work by Mr. James W. McLeod, Geologist for T & S Enterprises  
Ltd. on behalf of the claim owners, Golden Ears Mines Ltd.  
(N.P.L.). I am also familiar with the property having  
examined it in March 1973 (Report dated April 16, 1973).

I have no direct or indirect interest in the properties or  
securities of Golden Ears Mines Ltd. (N.P.L.) and do not  
expect to receive any interest as a result of certifying  
this report.

I am a member of the Professional Engineers Association of  
British Columbia, the American Institute of Mining Engineers,  
the Society of Exploration Geophysicists, and a Fellow in  
the Geological Association of Canada.

DATED at Vancouver, B.C. this 18th day of  
December, 1973.

*E. P. Sheppard*

E. Percy Sheppard, P.Eng.



# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY T &amp; S Enterprises Ltd. REPORT No. 73-91-003 PAGE 1 OF 16

MARKING	Cu	Pb			MARKING	Cu	Pb		
O.L. 0 W	41	35			O.L. 20 W	117	30		
1 W	36	33			21	37	81		
2	45	33			22	55	92		
3	93	49			23	41	141		
4	40	63			24	40	51		
5	16	10			25	14	25		
6	17	60			26	165	30		
7	11	77			27	101	31		
8	43	90			28 W (A)	207	30	} marked A & B } in lab	
9	56	30			28 W (B)	48	25		
10	32	50			30	35	61		
11	25	43			31	51	120		
12	30	122			32	62	31		
13	30	80			33	76	20		
14	52	75			34	66	32		
15	36	285			35	95	25		
16	57	215			36	46	26		
17	55	95			37	100	27		
18	52	38			O.L. 38 W	42	26		
O.L. 19 W	40	60							

REMARKS



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MARKING	Cu	Pb			MARKING	Cu	Pb		
O.L. 39 W	38	38			SN - 12 W	25	24		
40	19	63			13	37	23		
41	134	27			14	55	25		
42	112	34			15	139	22		
43	103	29			16	28	24		
44	45	17	carbonate		17	24	20		
45	140	30			18	20	18		
47	263	33			19	30	19		
O.L. 48 W	17	35			20	22	32		
SN - 1 W	40	2550			21	24	17		
2	32	55			22	31	20		
3	22	33			23	56	21		
4	21	40			24	42	23		
5	45	81			25	27	20		
6	29	120			26	24	20		
7	39	45			27	37	17		
8	30	41			28	38	16		
9	43	55			29	40	20		
10	32	25			SN - 30 W	28	17		
SN - 11 W	29	20							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
SN - 31 W	35	16			SS - 21 W	25	22		
32	405	32	carbonate		22	16	24		
33	44	20			23	25	22		
34	65	25			25	21	23		
35	53	26			26 W (A)	11	17	} marked A & B in lab	
36	51	21			26 W (B)	27	26		
37	40	18			27	14	17		
38	60	20			28	17	33		
39	58	20			29	27	24		
40	32	19			30	38	30		
41	33	16			31	25	30		
42	32	17			32	24	35		
43	25	17			33	355	81		
44	21	20			34	82	45		
45	34	20			35	18	30		
SN - 46 W	25	16			36	19	33		
SS - 17 W	75	21			SS - 37 W	25	50		
18	24	26			6S - 37 W	49	40		
19	16	24			7S - 37 W	49	60		
SS - 20 W	13	22							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
8S - 37 W	27	35			10N - 18 W	36	25		
9S - 37 W	14	20			19	49	26		
10N - 0 W	20	21			20	34	24		
1 W	56	22			21	40	25		
2	48	25			22	19	27		
3	16	19			23	42	29		
4	16	20			24	28	25		
5	27	21			25	46	26		
6	65	27	carbonate		26	30	21		
7	35	15			27	29	20		
8	45	22			28	33	22		
9	36	24			29	25	31		
10	28	23			30	36	25		
11	122	26			31	56	25		
12	55	33			32	36	21		
13	40	25			33	12	12		
14	39	26			34	52	25		
15	70	24			35	65	24		
16	50	28			10N - 36 W	37	24		
10N - 17 W	45	23							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
10N - 38 W	37	20			10 S - 9 W	38	30	carbonate	
39	24	36			10	53	25		
40	38	22			11	45	22		
41	52	23			12	24	32		
42	39	25			13	36	40		
43	19	20			14	20	26		
44	55	25			15	13	22		
45	26	30			16	18	24		
46	20	17			17	25	22		
47 W	40	20			18	35	20		
10N - 48 W	23	20			19	25	21		
10N - 1 E	16	17			20	10	15		
2	37	19			21	12	14		
10N - 3 E	21	20			22	39	29		
10S - 3 W	42	33			23	37	27		
4	33	21			24	22	20		
5	55	24			25	12	21		
6	25	26			26	22	16		
7	38	28			10 S - 27 W	35	23		
10S - 8 W	25	27							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
10 S - 28 W	49	30			15 N - 9 W	52	30	carbonate	
29	72	36			10	17	20		
30	42	35			11	100	25		
31	25	37			12	20	22		
32	25	30			13	56	27		
33	39	30			14	37	27		
34	10	20			15	31	21		
35	68	30			16	68	25		
36	30	25			17	32	21		
10 S - 37 W	75	26			18	19	20		
15 N - 0 W	17	20			19	24	22		
1 W	47	25			20	20	22		
2	31	25			21	12	20		
3	35	24			22	20	22		
4	33	25			23	15	21		
5	27	23			24	15	20		
6	56	25			25	30	20		
7	31	22			26	14	20		
15 N - 8 W	30	21			/ 15 N - 27 W	15	22		

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MARKING	Cu	Pb			MARKING	Cu	Pb		
15 N - 28 W	20	17			15 N - 1 E	31	16		
29	10	15			2	33	18		
30	11	15			3	25	16		
31	31	20			4	25	16		
32	21	20			15 N - 5 E	63	24		
33	56	20			15 S - 12 W	41	500		
34	18	16			13	30	75		
35	43	24			14	20	22		
36	16	16			15	18	21		
37	20	19			16	15	25		
38	33	21			17	10	17		
39	25	19			18	14	20		
40	25	20			19	15	15		
41	45	21			20	24	20		
42	14	14			21	25	16		
43	43	19			22	51	29		
44	195	22			23	12	15		
45	130	21			24	25	18		
15 N - 46 W	115	23			15 S - 25 W	20	15		

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MARKING	Cu	Pb			MARKING	Cu	Pb		
15 S - 26 W	35	19			20 N - 0 W	112	20		
27	30	18			1 W	50	23		
28	26	20			2	45	23		
29	35	21			3	48	20		
30	30	20			4	65	25		
31	20	16			5	41	25		
32	15	14			6	17	18		
33	34	16			7	41	19		
34	32	23			8	10	14		
35	31	17			9	30	18		
36	63	35			10	16	17		
37	27	15			11	25	21		
38	18	18			12	33	18		
39	25	17			13	190	20		
40	18	16			14	15	17		
41	27	20			15	65	20		
42	3	7			16	24	21		
43	7	12			17	25	17		
44	7	10			20 N - 18 W	27	18		
15 S - 45 W	6	9							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
20 N - 19 W	25	15			20 N - 39 W	12	16		
20	20	17			40	17	15		
21	27	17			41	22	21		
22	28	18			42	15	18		
23	18	17			43	10	17		
24	23	19			44	11	17		
25	12	15			45	18	17		
26	14	15			20 N - 46 W	19	18		
27	10	14			20 N - 1 E	41	18		
28	10	15			2	16	17		
29	60	12			3	42	20		
30	14	15			4	33	20		
31	15	17			20 N - 5 E	43	20		
32	20	17			22 S - 10 W	18	25		
33	11	15			11	190	55		
34	14	16			12	50	33		
35	20	15			13	25	26		
36	26	15			14	85	36		
37	7	10			22 S - 15 W	25	32		
20 N - 38 W	17	15							

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MARKING	Cu	Pb			MARKING	Cu	Pb		
22 S - 16 W	54	30			22 S - 38 W	28	25		
17	50	31			40	30	27		
18	53	29			41	20	23		
19	84	31			42	25	24		
20	41	27			43	15	20		
21	42	26			44	21	20		
22	77	27			45	20	20		
23	67	25			22 S - 46 W	35	21		
26	55	26			25 N - 0 W	53	25		
27	63	22			1 W	30	19		
28	90	26			2	27	23		
29	60	28			3	25	20		
30	65	30			4	35	26		
31	50	27			5	15	22		
32	52	30			6	20	20		
33	34	27			7	16	20		
34	30	25			8	9	17		
35	45	26			9	14	20		
36	35	22			25 N - 10 W	14	17		
22 S - 37 W	33	25							

REMARKS

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MARKING	Cu	Pb			MARKING	Cu	Pb		
25 N - 11 W	20	20			25 N - 31 W	15	15		
12	20	15			32	12	16		
13	30	17			33	14	14		
14	32	16			34	20	17		
15	8	16			35	6	15		
16	8	15			36	15	20		
17	7	16			37	35	20		
18	10	17			38	14	17		
19	25	20			39	10	15		
20	26	19			40	19	17		
21	14	16			41	30	20		
22	45	17			42	22	17		
23	20	16			43	10	12		
24	11	14			44	10	15		
25	25	18			45	12	15		
26	23	19			25 N - 46 W	10	14		
27	18	16			25 N - 1 E	27	21		
28	15	15			2	14	14		
29	12	15			25 N - 3 E	28	19		
25 N - 30 W	16	15							

REMARKS

# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

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MARKING	Cu	Pb			MARKING	Cu	Pb		
35 S - 8 W	37	25			35 S - 33 W	10	15		
9	50	22			34	14	18		
10	53	26			35	20	20		
11	37	26			36	26	25		
12	40	25			37	24	22		
13	63	25			38	28	24		
14	21	18			39	43	25		
17	103	41			40	30	22		
19	135	33			41	25	21		
20	125	26			42	15	17		
22	180	41			43	15	15		
24	57	20			44	68	27		
25	41	23			45	70	30		
26	40	26			46	31	29		
27	45	23			47	51	27		
28	24	24			49	70	25		
29	20	20			50	65	25		
30	20	20			35 S - 51 W	43	25		
31	17	20			40 S - 4 W	30	21		
35 S - 32 W	36	20							

REMARKS

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MARKING	Cu	Pb			MARKING	Cu	Pb		
40 S - 5 W	29	18	carbonate		40 S - 25 W	36	20		
6	67	25	carbonate		26	27	15		
7	16	14			27	37	21		
8	28	21			28	45	25		
9	23	21			29	64	23		
10	21	23			30	25	18		
11	25	22			31	61	41		
12	52	30			32	35	22		
13	29	40			33	35	15		
14	20	20			34	32	18		
15	30	20			35	27	19		
16	123	24			36	22	18		
17	24	17			37	29	21		
18	37	18			38	40	22		
19	39	20			39	23	20		
20	22	20			40	32	22		
21	61	25			41	43	22		
22	28	18			42	58	25		
23	49	19			40 S - 43 W	33	10		
40 S - 24 W	32	21							

REMARKS

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MARKING	Cu	Pb			MARKING	Cu	Pb		
40 S - 44 W	22	15			45 S - 23 W	40	21		
45	33	24			24	35	20		
46	32	30			25	30	20		
47	43	22			26	27	23		
48	24	23			27	34	24		
49	10	11			28	30	23		
50	24	15			29	54	25		
40 S - 51 W	13	15			30	34	21		
45 S - 11 W	51	25			31	34	22		
12	10	14			32	33	21		
13	27	18			33	20	19		
14	27	20			34	53	17		
15	41	20			35	51	22		
16	39	25			36	36	23		
17	37	24			37	16	20		
18	42	31			38	60	26		
19	33	20			39	30	23		
20	27	25			45 S - 40 W	50	25	carbonate	
21	29	20			46 S - 40 W	37	20		
45 S - 22 W	35	25							

REMARKS

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MARKING	Cu	Pb			MARKING	Cu	Pb	Au (ppb)	
47 S - 40 W	42	21			51 S - 29 W	64	21		
49 S - 40 W	8	7			30	127	24		
50 S - 40 W	28	17			34	35	20		
51 S - 12 W	33	20			35	79	25		
13	24	18			36	100	30		
14	21	20			37 W (A)	46	35		marked
15	66	25			37 W (B)	40	24		A & B in lab
16	26	20			38	77	21		
17	21	17			39	14	11		
18	31	16			51 S - 40 W	24	16		
19	23	15			10 N - 37 W	27	18		
20	22	17			O.L. - 9 W	88	20	10	rock
21	45	20			O.L. - 39 W	19	33	20	rock
22	163	25			2 N - 38+50 W	87	20	nd	rock
23	35	15			5 S - 6 W	24	15	20	rock
24	63	23			5 S - 28+70 W	5	35	10	rock
25	146	30			5 S - 34+W	12	35	20	rock
26	115	28			5 S - 34 W	670	28	20	rock
27	77	26			10 N - 44 W	43	29	30	rock
51 S - 28 W	142	27							/

## REMARKS

All values for Au are reported in parts per billion(ppb)

# Vancouver Geochemical Laboratories Ltd.

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COMPANY T &amp; S Enterprises Ltd.

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MARKING	Cu	Pb	Au (ppb)		MARKING				
15 N - 5 E	77	25	35	rock					
19 N - 46 W	74	20	15	rock					
20 N - 1 E	79	24	30	rock					
20 N - 4 W	65	33	10	rock					
20 N - 13 W	55	25	45	rock					
17+50 S On P.L.	12	24	20	rock					
25 N - 36+50 W	95	25	35	rock					
45 S - 18+50 W	90	30	20	rock					
45 S - 38 W	59	32	10	rock					
47 S - 40 W	8	19	45	rock Qtz-carb					
22 S - 39 W	20	20							

## REMARKS

All values for Au are reported in parts per billion (ppb).

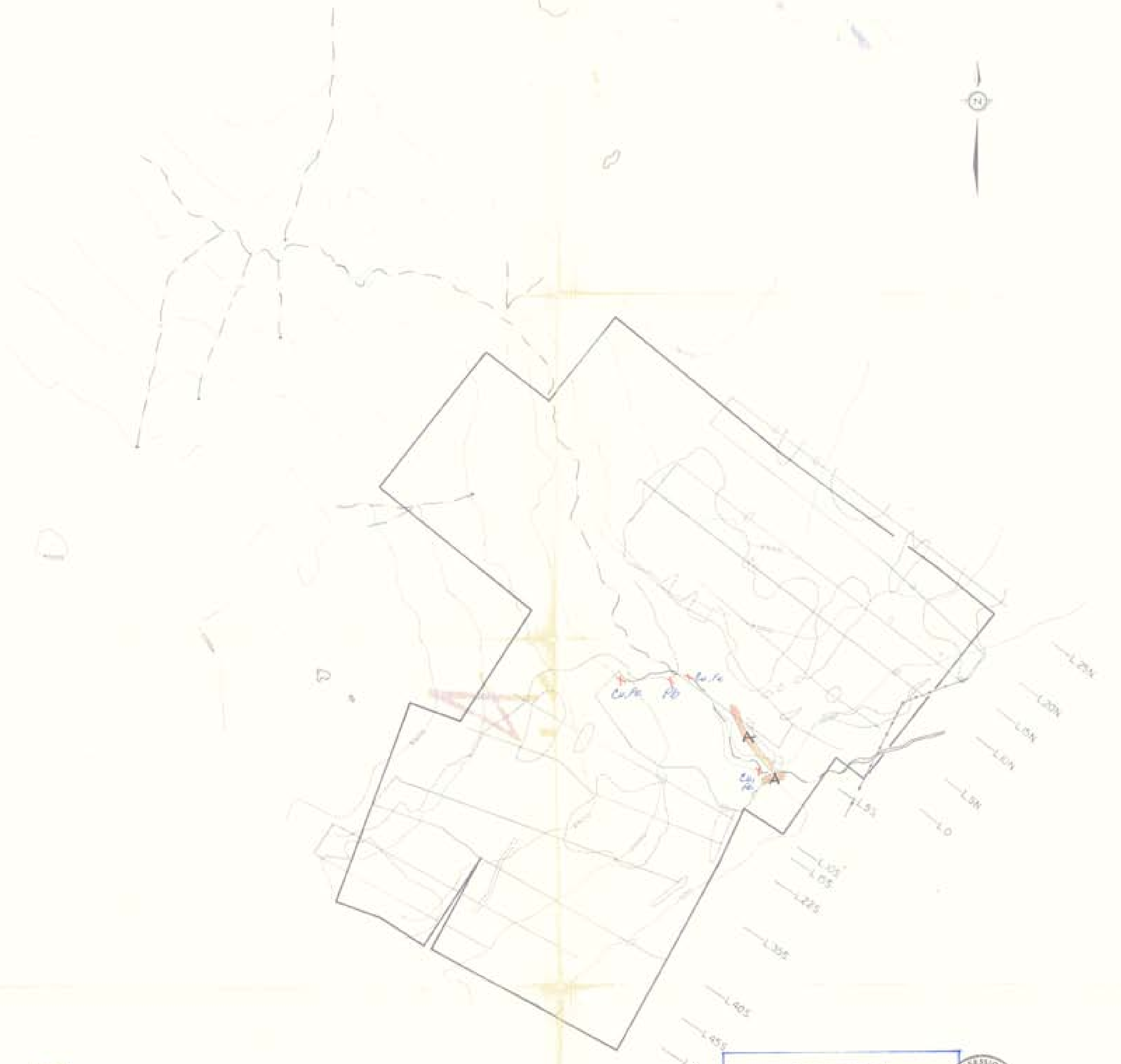


Department of  
 Mines and Petroleum Resources  
 ASSESSMENT REPORT  
 NO. 4777 MAP #6

\* To accompany  
 Geological-Geotechnical  
 - Levee-cutting Report  
 #4777

North arrow pointing up.  
 'X' Claims  
 Scale 1" = 1000'  
 J. M. [Signature]  
 Feb. 2/74





- A TERTIARY BASALT
- FENNEL FORMATION GREENSTONE
- OUTCROP
- CLAIM OUTLINE
- STREAM
- L# GEOCHEMICAL SOIL GRID LINE

X Showing with metal prospect *L.A. 20*

Department of  
Mines and Technical Resources  
ASSESSMENT REPORT  
NO. **4777** MAP **#4**



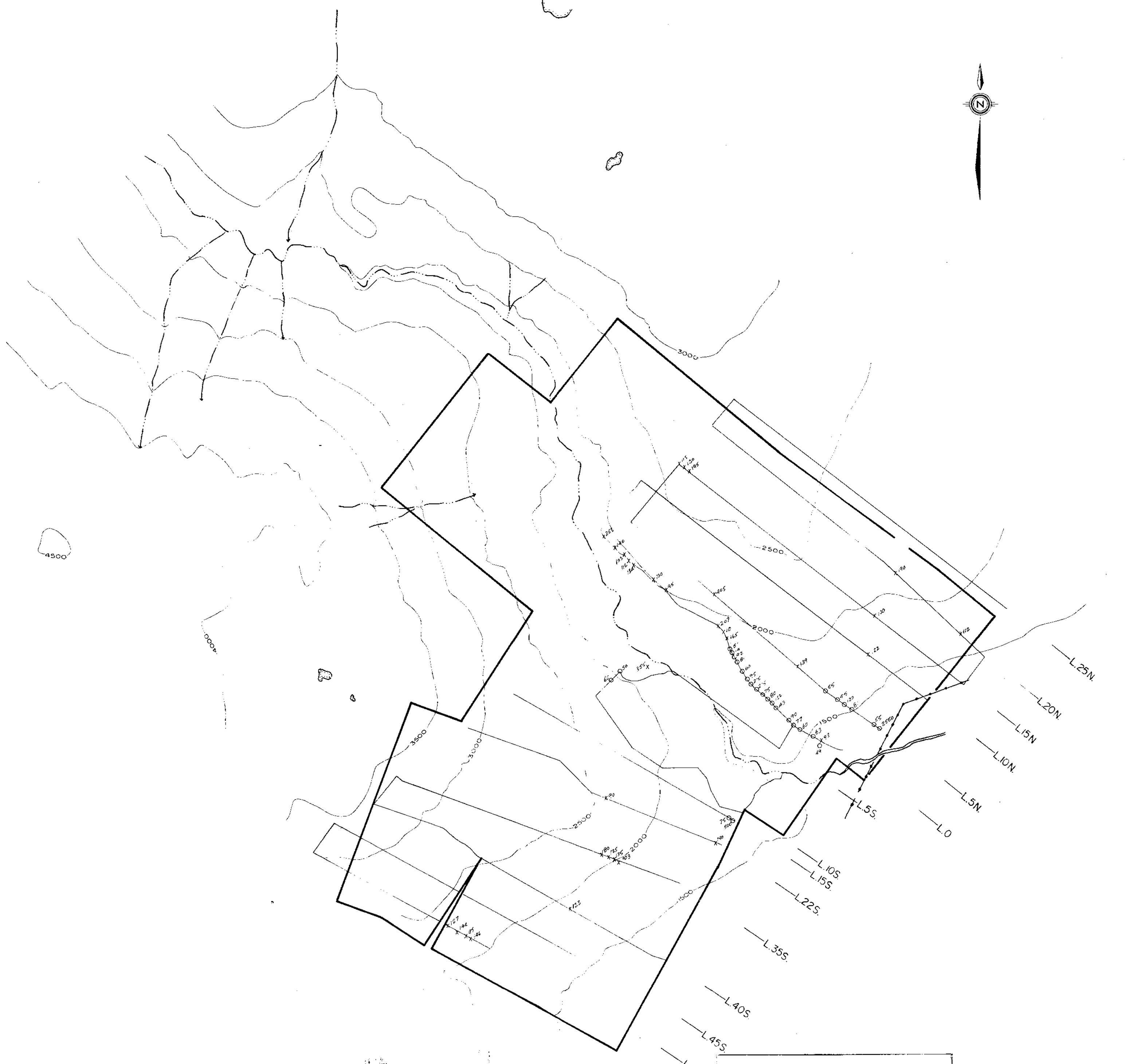
FIG. 4.

GOLDEN EARS MINES LTD.(NPL.)

X CLAIM GROUP  
GEOLOGY MAP  
MANN CREEK, B.C.

# 4777-MA

T & S ENTERPRISES LTD. DEC. 1973  
CONTOUR INTERVAL 100'  
SCALE 1"=100'



LEGEND  
 x Cu value > 90 ppm  
 o Pb value > 42 ppm.

Department of  
 Mines and Technical Surveys  
 Geological Survey of Canada  
 NO. **4777** #5

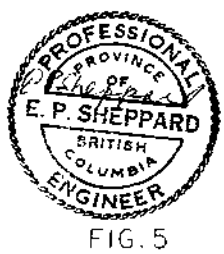


FIG. 5

GOLDEN EARS MINES LTD.(N.P.L.)  
 X CLAIM GROUP  
 GEOCHEMICAL SOIL ANOMALY MAP  
 MANN CREEK, B.C.  
 T & S ENTERPRISES LTD. DEC, 1973.  
 SCALE: 1" = 100 FT.

**4777-M5**