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GEOCHEMICAL AND GEOLOGICAL REPORT

ON

WEST 25 - 30 MINERAL CLAIMS

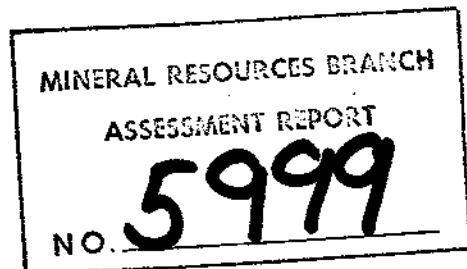
LIARD MINING DIVISION

Located 160 Kilometres ESE of Dease Lake, B. C.  
(57°56'N 127°26'W)

WEST  
94E/14W

September 29, 1976

B. Taylor



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94E14 B11 Geology, West 25 - 30 Mineral Claims (in pocket)	
94E14 B12 Copper	"
B13 Molybdenum	"
B14 Zinc	"
B15 Silver	"

SUMMARY

This report covers an examination of the West 25 - 30 claims, staked as the result of a reconnaissance stream silt survey made in 1972. A small northward flowing stream had been found which contained anomalous copper values in its silt.

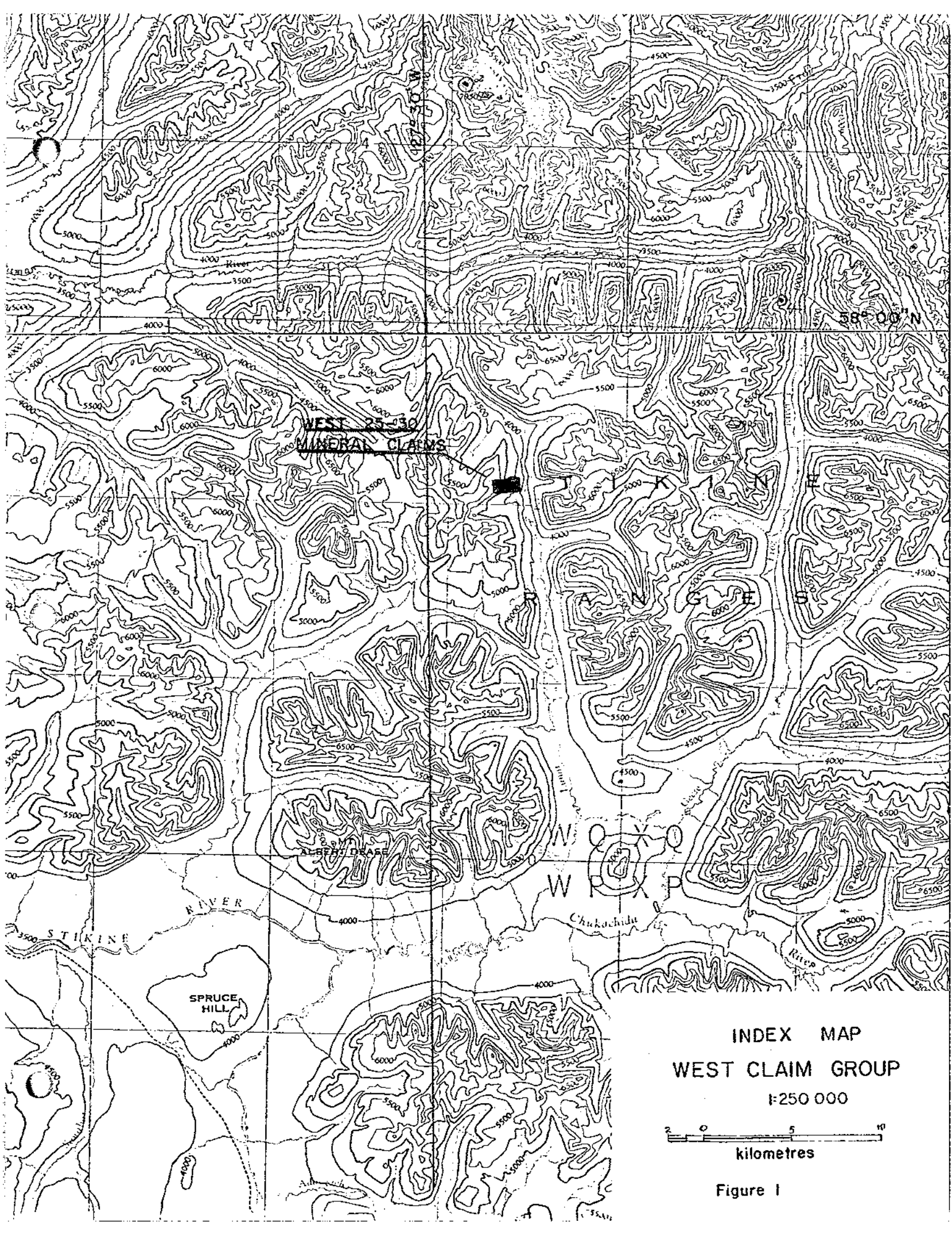
A number of lines of soil samples were taken in the vicinity of the stream, as well as two lines at right angles to it and which lay along the length of the claim group. 240 soil, silt and rock samples were taken. Analysis for copper, molybdenum, zinc and silver were performed geochemically, the results are included in this report.

Granodiorite was exposed wherever bedrock is visible.

No sulfide mineralization was noted.

INTRODUCTION

In 1972, a reconnaissance stream silt survey was conducted by El Paso Mining and Milling Company of some streams in the vicinity of the West 1 - 24 claims. The results, not unexpectedly, showed mineral in two streams, downstream from the claim group. One stream flowing north, reported values of over 1,000 ppm, which exceeded by a factor of two the best of the values elsewhere. The West 25 - 30 claims were staked to adequately cover the area drained. This is a report of the work done from August 30 - September 5, 1976 to determine the source and possible extent of the stream silt values.



INDEX MAP  
WEST CLAIM GROUP

1:250 000



Figure 1

### LOCATION AND ACCESS

The West 25 - 30 claims lie on a small unnamed tributary of the Pitman River in the Stikine Ranges, at  $57^{\circ}56'N$   $127^{\circ}26'W$ , and elevation of 1500 metres. The West 17, 18, 20 and 22 claims lie along the southern boundary.

There are no roads in the area. Access is entirely by air, and for work to date helicopters, chartered in Watson Lake, or if available, Dease Lake, are the only practical method to travel. The property is situated 160 kilometres at an azimuth of  $110^{\circ}$  from Dease Lake.

### CLAIM OWNERSHIP

The West 25 - 30 claims were staked by R. Waller as agent for El Paso Mining and Milling Company on September 1 and recorded on September 11, 1972. They were transferred to G. A. Noel of Vancouver on January 21, 1976.

### SURVEY CONTROL

The mineral claims were surveyed and the soil sampling grid was marked with plastic flagging on the ground by the use of a Silva Ranger compass, Top-o-fil chain and a Suunto clinometer. The grid was tied to the initial claim post of West 17 and 20. The grid markings on the ground are in feet, but the maps accompanying this report are on a scale of 1:2000 (1 centimetre equals 20 metres) and are in metric units.

### GEOLOGY

Map 94E14 B-11. The rock encountered is an even textured medium to coarse grained granodiorite. It is generally pale pink. A light tan colored variety is also present. The petrographer reports that the difference between the two colors is the degree of weathering. There is slightly more hornblende than biotite present, and almost twice as much plagioclase as orthoclase. Magnetite was the only opaque mineral identified. A copy of the petrographic report is appended.

The outcrops are best exposed in stream beds, where a coarse jointing was noted. The dominant direction of this jointing is North-South with a very steep westerly dip. Small bluffs of rubble, composed of angular blocks up to two metres across were prominent features in the central and north-east part of the area. They appeared to be nearly in place, having fallen into their present position following the glacial retreat.

Evidence of glacial action lies everywhere. For the most part overburden is thin, with large rounded boulders of granodiorite prominent, along with about 10% volcanic rock. A widespread brown-weathering, coarse grained gabbro is also present. The source of the latter was not found. Glacial till, composed largely of boulders, overlies the western portion of the property. Ice movement was from south to north. The present drainage pattern follows the large scale scouring and only occasionally is there a flow to the north-east along the overall slope of the property.

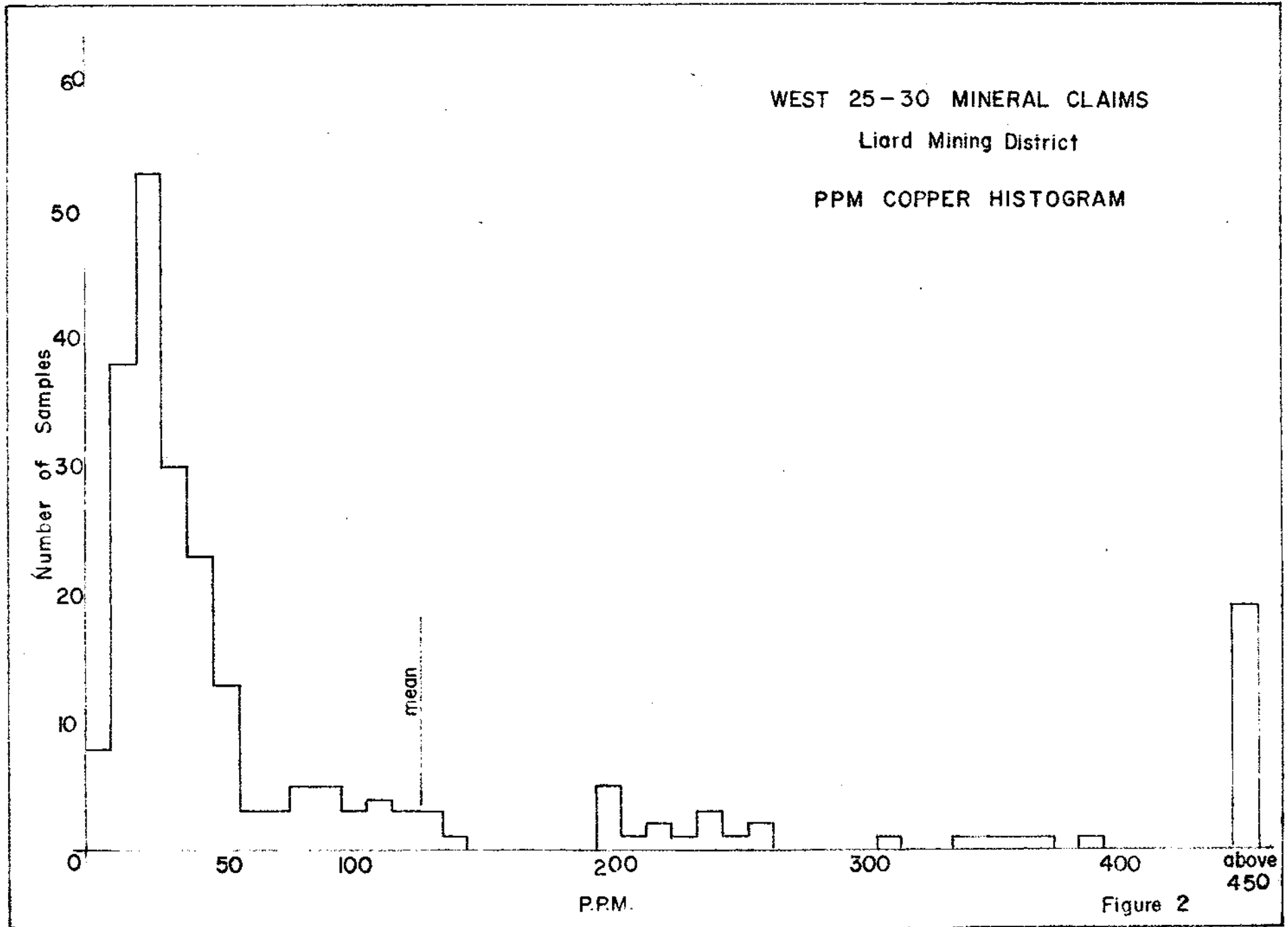
The only mineral noted is in the glacial debris.

#### GEOCHEMISTRY

The soil profile is, in general, poorly developed in the glacial overburden and nearly non-existent where the rocks have been eroded bare, and covered with moss. A total of 233 soil samples, 2 silt and 5 rock samples were taken, and subsequently analyzed for copper, molybdenum, zinc and silver.

#### SAMPLING PROCEDURE

The soil samples were taken from the B soil horizon if it was identifiable, and seldom exceeded 10 centimetres in depth. A mattock was used to dig a small hole in the ground and determine the proper sampling elevation, as well as to recover the sample material. Sufficient material to obtain 5 - 10 grams of - 80 mesh material was placed in a water resistant kraft bag. Each sample was identified by coordinates; notes were made of the depth and physical conditions prevailing at the sample site.



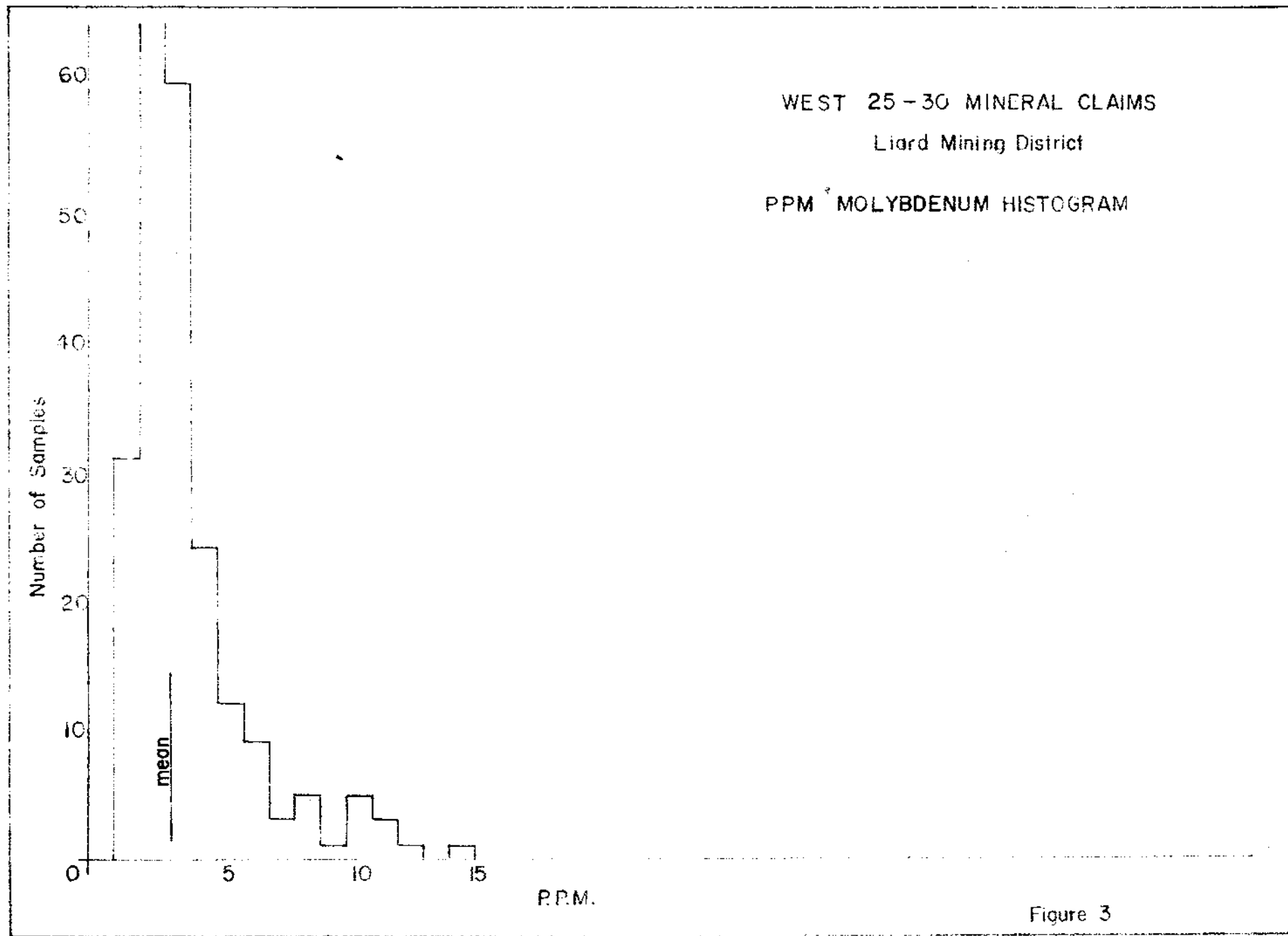


Figure 3



WEST 25-30 MINERAL CLAIMS  
Liard Mining District

PPM ZINC HISTOGRAM

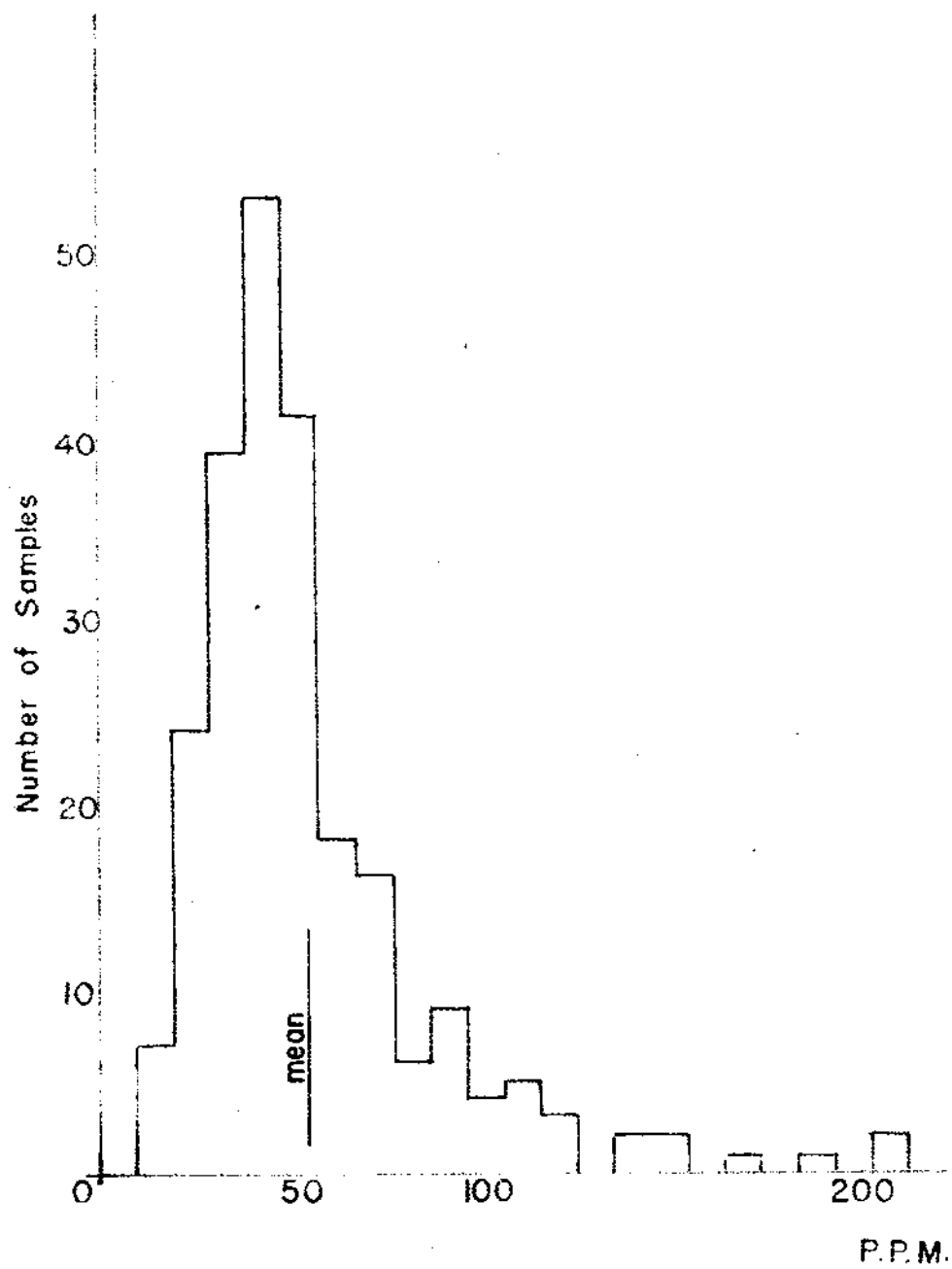


Figure 4

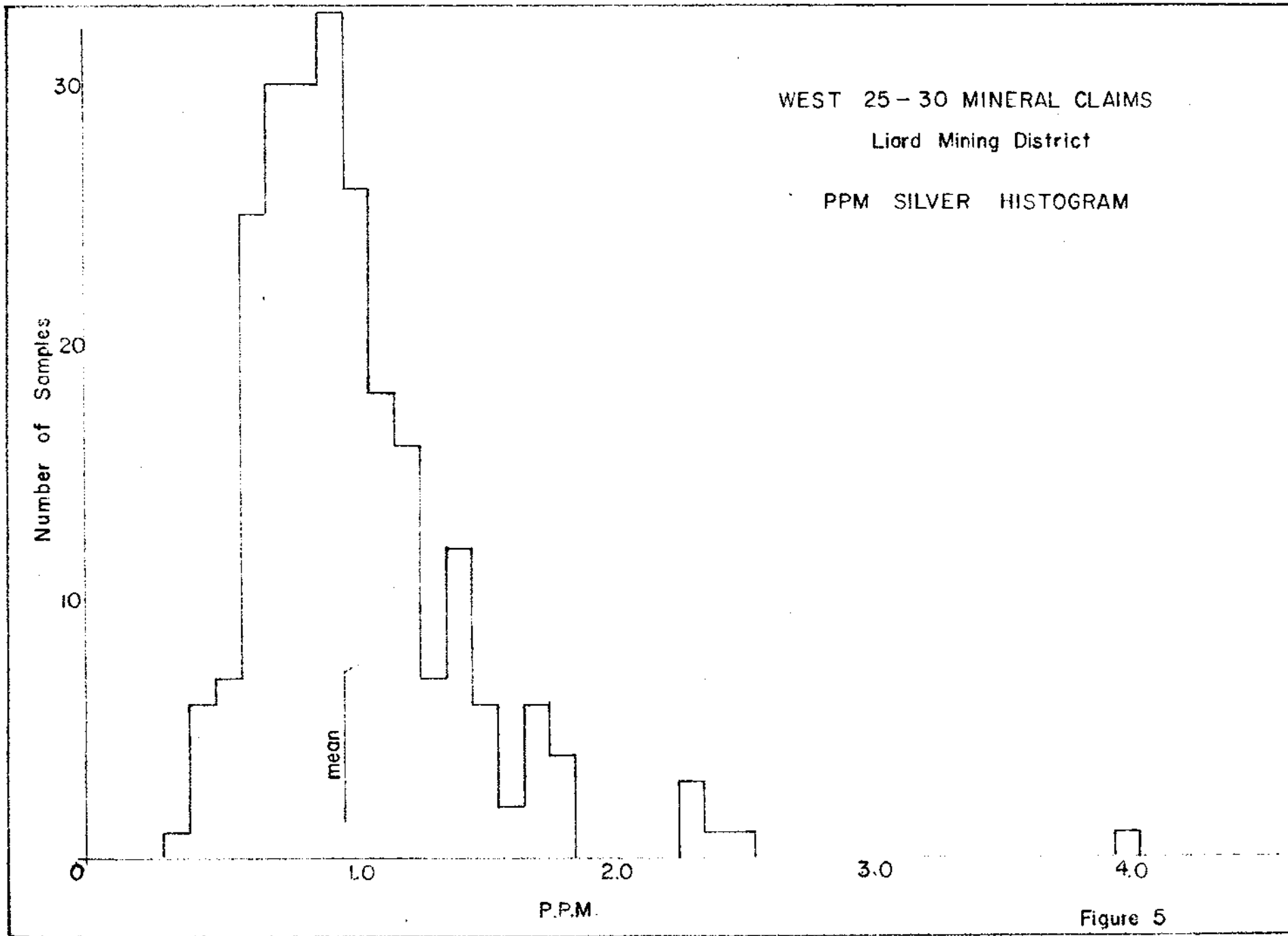


Figure 5

Six north-south grid lines bracketed the stream carrying the high copper values. Two lines of samples running east-west were taken to detect copper not revealed by the stream silt or north-south lines. Samples were taken at 30 metre intervals along lines nominally 60 metres apart.

#### CHEMICAL ANALYSIS

Samples were processed by Min-En Laboratories Ltd. at 705 W. 15th Street, North Vancouver. The laboratory employs the following procedures.

After drying the samples at 95°C, soil and stream sediment is screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

One gram portions of the samples are digested for 6 hours with HNO<sub>3</sub> and HClO<sub>4</sub> mixture. After cooling, samples are diluted to standard volume.

The solutions are analyzed by Atomic Absorption Spectrophotometers. Copper, zinc and silver are analyzed using the C<sub>2</sub>H<sub>2</sub> - Air flame combination. The molybdenum determination is carried out by C<sub>2</sub>H<sub>2</sub> - NO<sub>2</sub> gas mixture directly.

The metal values derived from these samples, as well as the pertinent 1972 stream sediment samples have been plotted on maps 94E14-B12 to B15 which accompany this report.

#### COPPER

Map 94E14 B-12. The mean value of soil copper is 132 ppm, with a standard deviation of 298 ppm. A histogram of the actual values obtained is presented as Figure 2.

The only portion of the ground that may have anomalous values lies along the south boundary, where two areas, both 60 by 160 metres lie above the 100 ppm contour. There are other scattered values of that order, but they appear to be quite erratic, and are derived from mineralized boulders carried north by glaciation.

It is learned from the 1971 assessment report on the West, Earl and Mack mineral claims, which are contiguous on the south with the West 25 - 30 claims, that a chalcopyrite mineralized zone on West 16, is the probable source of the metal. West 16 lies on the headwaters of the stream sampled.

#### MOLYBDENUM

Map 94E14 B-13. The mean value of the soil molybdenum is 3.2 ppm and a standard deviation of 2.3. The values have been contoured on the 5 and 10 ppm level. Only three values exceed 10 ppm. It is concluded that no potential exists for significant molybdenum mineralization.

#### ZINC

Map 94E14 B-14. The mean value of the soil zinc is 56 ppm and a standard deviation of 32 ppm. The values have been contoured on the 100 ppm level. The values are of background levels only. The lack of zinc reinforces the opinion that sulfide mineralization is absent in the claim area.

#### SILVER

Map 94E14 B-15. The mean value of the soil silver is 1.0 ppm and standard deviation of .5 ppm. It is contoured on 1 and 2 ppm to show any minor indications.

CONCLUSIONS

The claim group is underlain by a massive granodiorite body, continuous with the one occurring in the north-east corner of the claim group to the south.

From assessment and company reports pertaining to the claims to the south, an occurrence of chalcopyrite some 2500 feet away is reported, a portion of which lies within the headwaters of the sampled stream. The reconnaissance silt samples show a progressive decrease downstream over the claim group in the amount of copper present. Dilution of the copper in the silt is normal when the barren lower drainage silt is added to it.

RECOMMENDATION

*B. Taylor*  
B. Taylor, P.Eng.

Vancouver Sept. 29, 1976

APPENDIX A

PETROGRAPHIC REPORT



# Vancouver Petrographics Ltd.

JAMES VINNELL, Manager  
JOHN G. PAYNE, Ph. D. Geologist

216 EAST 28TH AVENUE  
VANCOUVER, B.C. V5V 3M1

PHONE (604) 874-1650

Report for: Bert Taylor,  
G.A.Noel and Associates

West Property: samples 1-70N 31E; 2-70N 44E  
UP Property: samples 3 - andesite tuff; 4 - andesite porphyry;  
5 - feldspar porphyry

## Sample 1 Quartz Monzonite-Granodiorite

The sample is medium to coarse grained with a very weak foliation. The following minerals were observed:

plagioclase	40-45%
microcline	20-25%
quartz	7-10%
myrmekite	7-10% (quartz lenses and spheroids in plagioclase)
hornblende	7-10%
biotite	5- 7%
Epidote	1- 1%
Sphene	1- 2%
Opaque (	1- 2% (magnetite)
Apatite	0.2-0.5%

Feldspars and quartz are medium to coarse grained. Plagioclase grains are mainly unzoned; a few are zoned with more calcic cores, which commonly are altered producing abundant fine grained epidote and sericite. Microcline generally forms irregular grains interstitial to plagioclase. A few very coarse microcline grains contain several fine to medium grained subhedral to euhedral plagioclase grains. A few plagioclase grains contain irregular patches of microcline. Quartz forms irregular patches interstitial to plagioclase. Myrmekite is common in plagioclase grains adjacent to microcline grains.

The major mafic minerals (hornblende and biotite) are fine to medium grained. Mafic minerals tend to form aggregates (clots) most of which contain at least four mafic and accessory minerals. Some biotite and hornblende form poikilitic intergrowths. Sphene forms unusually coarse grains with subhedral wedge-shaped outlines.

Epidote, apatite, and opaque form very fine to medium grains. Opaque grains commonly occur at the center of mafic clots, while epidote occurs along the borders.

## Sample 2 Quartz Monzonite-Granodiorite

Sample 2 is almost identical to sample 1, with the same texture, mineralogy, and percentages of minerals with one minor exception. Epidote is more abundant (2-3%) and forms a few coarse grained crystals with biotite.

The difference in color is caused by different degrees of weathering.

*John Payne*  
John Payne

September, 1976

APPENDIX B

GEOCHEMICAL DATA SHEETS



## GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13

ATTENTION: B. Taylor

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1976.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
70N10E	1	31		42				0.8								
11E	2	2.60		6.3				1.0								
12E	3	8.2		9.0				0.9								
13E	2	1.8		3.0				0.5								
14E	2	1.0		2.1				0.6								
15E	1	1.6		4.0				0.7								
16E	2	1.2		4.2				0.7								
17E	1	1.5		3.2				0.6								
18E	1	2.2		3.6				0.6								
19E	1	2.1		2.7				0.6								
20E	2	1.5		2.7				0.5								
21E	2	2.8		4.6				0.7								
22E	2	5.2		6.5				1.1								
23E	2	5.0		6.2				0.8								
24E	1	.8		1.4				0.4								
25E	2	2.0		1.9				0.4								
26E	3	2.05		5.9				1.1								
27E	4	3.55		7.0				0.7								
28E	3	9.4		4.8				0.7								
29E	2	3.5		6.4				0.9								
30E	2	2.35		10.4				0.9								
31E	4	2.05		5.3				0.9								
32EA	3	1.250		7.5				0.8								
32EB	8	2.200		11.5				1.2								
33E	4	9.5		3.4				0.6								
34E	2	2.5		2.6				0.6								
35E	5	4.8		4.2				0.7								
36EA	6	6.80		9.2				1.6								
36EB	3	3.8		2.8				0.8								
70N37E	10	25.00		12.2				1.7								

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 1

ATTENTION: B. Taylor

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1976.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
70N38E	3	80		49			10									
39E	2	71		51			1.1									
40E	3	40		61			1.2									
41E	2	44		50			1.4									
42E	3	89		68			10									
43E	11	99		62			0.9									
44E	10	116		47			1.1									
45E	6	54		74			1.5									
46E	3	22		73			10									
47E	5	31		44			0.9									
48E	3	18		31			0.9									
49E	4	30		50			0.9									
50EA	3	26		48			1.1									
50EB	3	5		13			0.4									
51E	2	50		51			0.6									
52E	1	20		47			0.8									
53E	2	22		44			0.7									
54E	8	500		95			1.4									
70N55E	3	114		63			1.1									
71N34E	1	35		42			10									
36E	7	345		124			2.5									
38E	1	31		42			0.9									
40E	1	28		41			0.9									
42E	2	132		68			0.8									
71N44E	2	116		57			0.8									
72N34E	3	42		48			1.7									
36E	5	510		210			2.3									
38E	3	32		42			1.2									
40E	1	37		75			1.1									
72N42E	11	920		210			2.3									

CERTIFIED BY *[Signature]*

PROJECT No: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13

ATTENTION: B. Taylor

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1976.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
72N44E	1	35		47			0.7									
73N34E	1	42		54			1.0									
36E	2	126		52			1.1									
38E	1	27		43			0.9									
40E	2	46		156			0.8									
42E	6	815		195			1.8									
73N44E	2	17		29			0.7									
74N34E	2	39		48			1.0									
36E	1	28		31			0.8									
38E	2	20		39			0.8									
40E	5	245		84			1.1									
42E	3	360		65			1.0									
74N44E	3	22		37			0.7									
75N34E	4	54		50			1.1									
36E	2	40		44			1.0									
38E	5	38		46			1.2									
40E	3	19		42			0.9									
42E	2	9		80			1.0									
75N44E	3	26		56			1.4									
76N34E	2	35		51			0.8									
36E	3	20		29			0.6									
38E	no sample						.									
40E	2	138		75			0.9									
42E	1	18		31			0.6									
76N44E	2	21		36			0.5									
77N34E	2	84		32			0.7									
36E	3	27		51			1.3									
38E	no sample						.									
40E	2	25		77			0.6									
77N42E	1	34		80			1.7									

CERTIFIED BY Dr. Phillips

**GEOCHEMICAL ANALYSIS DATA SHEET**

PROJECT No.: West

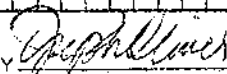
MIN - EN Laboratories Ltd.

DATE: Sept. 13  
1976.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

ATTENTION: B. Taylor

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6 81	10 86	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
77N44E	5	142		74			11								
78N34E	3	31		49			07								
36E	2	40		32			05								
38E	1	19		16			03								
40E	2	20		39			06								
42E	3	490		90			12								
78N44E	3	44		54			04								
79N34E	1	40		53			08								
36E	2	50		42			08								
38E	7	510		46			10								
40E	3	64		51			07								
42E	3	20		32			06								
79N44E	4	31		54			09								
80N34E	7	29		35			07								
36E	4	31		43			05								
38E	3	34		42			05								
40E	11	250		91			14								
42E	3	39		44			10								
80N44E	2	10		26			04								
81N34E	3	27		49			08								
36E	8	56		62			10								
38E	3	16		28			06								
40E	4	71		61			07								
42E	2	22		40			07								
44E	6	660		140			12								
82N34E	4	40		39			09								
36E	2	44		36			06								
38E	6	29		37			13								
40E	5	12		18			04								
82N42E	1	23		46			07								

CERTIFIED BY 

## GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13ATTENTION: B. Taylor705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1976.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
82N44E	1	13		29				08								
83N34E	2	62		58				10								
36E	1	15		41				09								
38E	1	13		25				07								
40E	2	16		22				08								
42E	1	15		48				06								
83N44E	3	220		154				13								
84N34E	2	18		27				06								
36E	3	16		22				06								
38E	2	18		38				08								
40E	2	7		17				07								
42E	2	240		80				15								
84N44E	3	28		50				09								
85N10E	3	44		36				09								
11E	2	13		48				09								
12E	2	15		40				08								
13E	6	220		117				15								
14E	2	30		38				08								
15E	2	26		29				08								
16E	3	14		41				07								
17E	2	22		36				08								
18E	2	12		26				07								
19E	3	21		44				07								
20E	2	11		25				06								
21E	4	25		40				06								
22E	2	19		39				08								
23E	4	130		82				10								
24E	4	49		72				11								
25E	2	26		38				09								
85N26E	2	33		43				07								

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13  
1976.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

ATTENTION: B. Taylor

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	160
85N27E	3	32		71			12								
28E	2	56		60			10								
29E	5	94		68			09								
30E	3	48		44			08								
32E	3	20		38			09								
33E	1	24		70			09								
34E	3	42		51			11								
34N	2	30		50			12								
35E	2	18		38			09								
36E	2	22		56			09								
38E	3	310		50			07								
40E	1	15		36			08								
41E	3	39		53			11								
42E	2	18		52			09								
44E	1	22		31			05								
45E	4	51		53			15								
46E	5	395		84			16								
47E	2	25		41			08								
48E	2	9		21			07								
49E	3	40		57			09								
50E	1	8		24			07								
52E	10	450		113			18								
53E	3	38		50			13								
54E	2	32		58			13								
85N55E	3	23		72			12								
86N36E	4	21		40			11								
38E	8	1400		176			18								
40EA	3	30		32			07								
42E	4	240		72			14								
86N40EB	3	72		44			10								

CERTIFIED BY *[Signature]*

COMPAN

G.A. Noel &amp; Assoc.

## GEOCHEMICAL ANALYSIS DATA SHEET

No. 2885

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13

ATTENTION: B. Taylor

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T7

PHONE (604) 980-5814

1976.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
87N36E	2	9		24				06								
38E	2	24		58				12								
40E	2	10		26				06								
42E	3	18		62				09								
88N38E	9	95		38				11								
40E	4	66		36				09								
42E	3	50		37				06								
89N36E	2	22		20				06								
38E	3	16		47				08								
40E	5	42		58				14								
42E	2	12		39				12								
90N36E	3	100		70				12								
38E	2	14		38				09								
40E	4	104		60				14								
42E	4	127		90				17								
91N36E	2	9		24				07								
38E	3	21		58				10								
40E	4	52		46				08								
42E	2	39		120				12								
92N38E	1	55		52				09								
40E	2	22		42				09								
42E	2	110		58				10								
93N36E	1	20		97				11								
38E	2	205		70				14								
40E	3	26		46				09								
42E	1	28		39				08								
94N36E	2	32		58				10								
38E	3	210		110				17								
40E	2	48		55				10								
42E	10	200		101				18								

CERTIFIED BY

*Joseph H. Baker*

COMPART

G.A. Noel &amp; Assoc.

## GEOCHEMICAL ANALYSIS DATA SHEET

Lab. No. 2885

PROJECT No.: West

MIN - EN Laboratories Ltd.

DATE: Sept. 13,

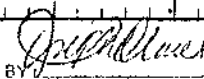
ATTENTION: B. Taylor

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1976.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
95N36E	3	120		60			57									
38E	8	375		82			24									
40E	2	42		41			10									
42E	14	260		94			23									
96N36E	7	940		110			15									
38E	4	26		46			12									
40E	2	20		44			12									
42E	3	41		88			13									
97N38E	10	105		54			11									
38W	3	40		67			14									
40E	6	1400		148			17									
42E	4	38		46			10									
98N36E	12	51		53			10									
38E	4	40		52			15									
40E	2	24		39			07									
42E	3	24		36			08									
99N36E	2	24		44			10									
40E	2	29		22			06									
42E	2	18		34			08									
100N36EA	5	560		98			14									
36EB	3	205		50			07									
37E	4	23		50			14									
38E	3	730		108			12									
40E	5	560		38			10									
41E	2	12		14			06									
100N42E	6	84		71			13									
97N36E	4	750		100			14									

CERTIFIED BY







APPENDIX C

COST AFFADAVIT

Canada

In the Matter of

Province of British Columbia

To Wit:

I, Bert Taylor

, of Vancouver

in the Province of British Columbia.

**Do Solemnly Declare that** the following wages and costs were directly expended on a geochemical and geological survey on the West 25 - 30 claims between August 31, 1976 and September 5, 1976.

Wages

B. Taylor	6 days	Aug. 31 - Sept. 5, 1976 @ \$100	= \$600	
K. Noel	6 days	" " " " @ \$ 40	= 240	\$ 840.00
Camp supplies and equipment				320.00
Travel				260.00
Helicopter servicing				2,449.00
Camp Cost @ \$8/man day				96.00
Soil and rock analysis (includes air freighting of samples)				818.75
Petrographic report				66.50
Compilation and report preparation				500.00
				<hr/>
		Total		\$5,350.25

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

Vancouver

in the Province of British Columbia.

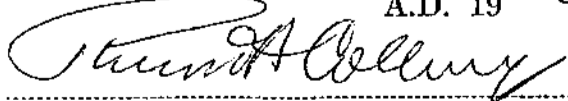
this

6<sup>th</sup>

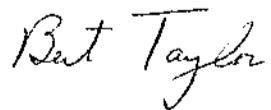
day of

October

A.D. 19 76



A Notary Public in and for the Province of British Columbia  
A Commissioner for taking affidavits for British Columbia





2000

5999 M-1

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 5999  
MAP NO. 1

GA NOEL & ASSOCIATES

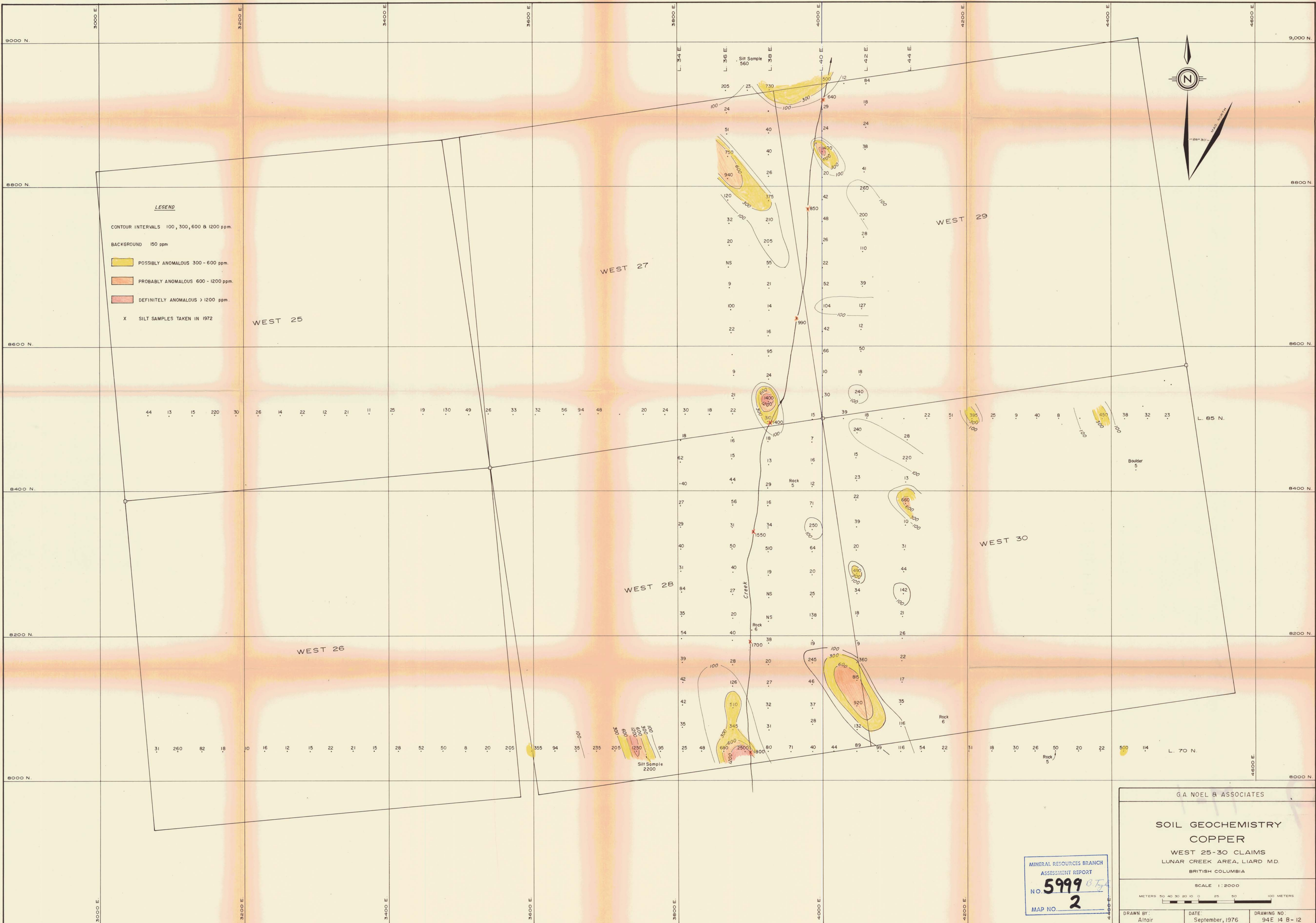
**GEOLOGY**

WEST 25-30 CLAIMS  
LUNAR CREEK AREA, LIARD M.D.  
BRITISH COLUMBIA

SCALE 1:2000

METERS 50 40 30 20 10 0 25 50 100 METERS

DRAWN BY: Altair DATE: September, 1976 DRAWING NO: 94E 14 B-11



**LEGEND**

CONTOUR INTERVALS 100, 300, 600 & 1200 ppm.

BACKGROUND 150 ppm

- POSSIBLY ANOMALOUS 300 - 600 ppm.
- PROBABLY ANOMALOUS 600 - 1200 ppm.
- DEFINITELY ANOMALOUS > 1200 ppm.

X SILT SAMPLES TAKEN IN 1972

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 5999 B.T.A.  
MAP NO. 2

G.A. NOEL & ASSOCIATES

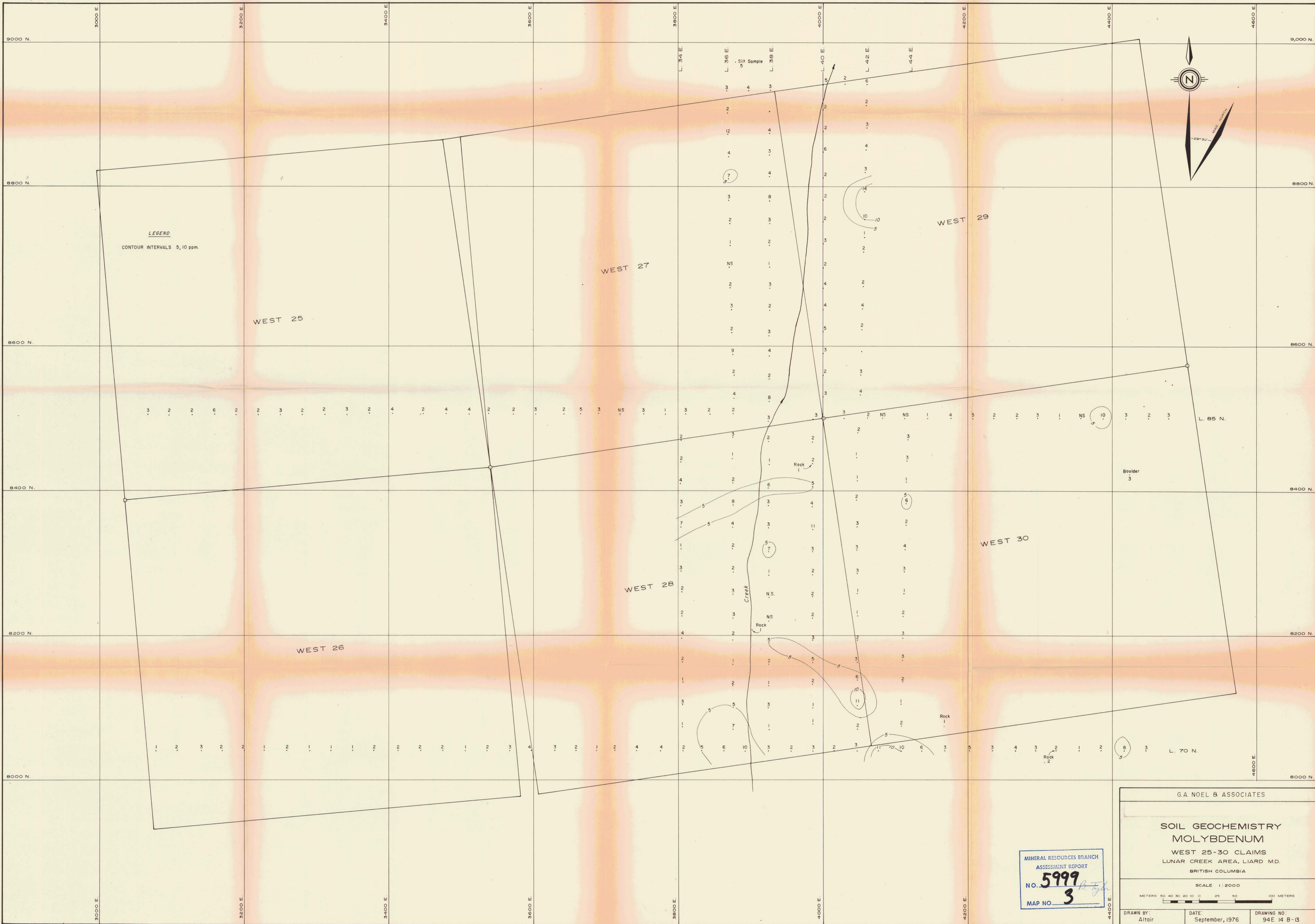
**SOIL GEOCHEMISTRY  
COPPER**

WEST 25-30 CLAIMS  
LUNAR CREEK AREA, LIARD M.D.  
BRITISH COLUMBIA

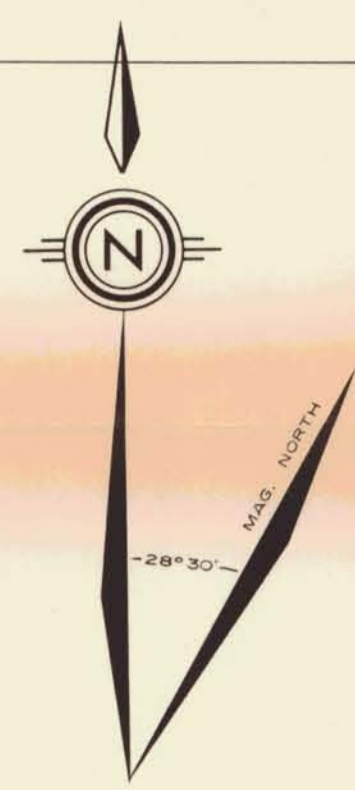
SCALE 1:2000

METERS 50 40 30 20 10 0 25 50 100 METERS

DRAWN BY: Altair	DATE: September, 1976	DRAWING NO: 94E 14 B- 12
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LEGEND  
CONTOUR INTERVALS 5, 10 ppm.



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 5999  
MAP NO. 3

G.A. NOEL & ASSOCIATES

SOIL GEOCHEMISTRY  
MOLYBDENUM

WEST 25-30 CLAIMS  
LUNAR CREEK AREA, LIARD M.D.  
BRITISH COLUMBIA

SCALE 1:2000

METERS 50 40 30 20 10 0 25 50 100 METERS

DRAWN BY: Altair      DATE: September, 1976      DRAWING NO.: 94E 14 B-13



LEGEND  
CONTOURS @ 100 ppm.



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO. 5999  
MAP NO. 4

G.A. NOEL & ASSOCIATES

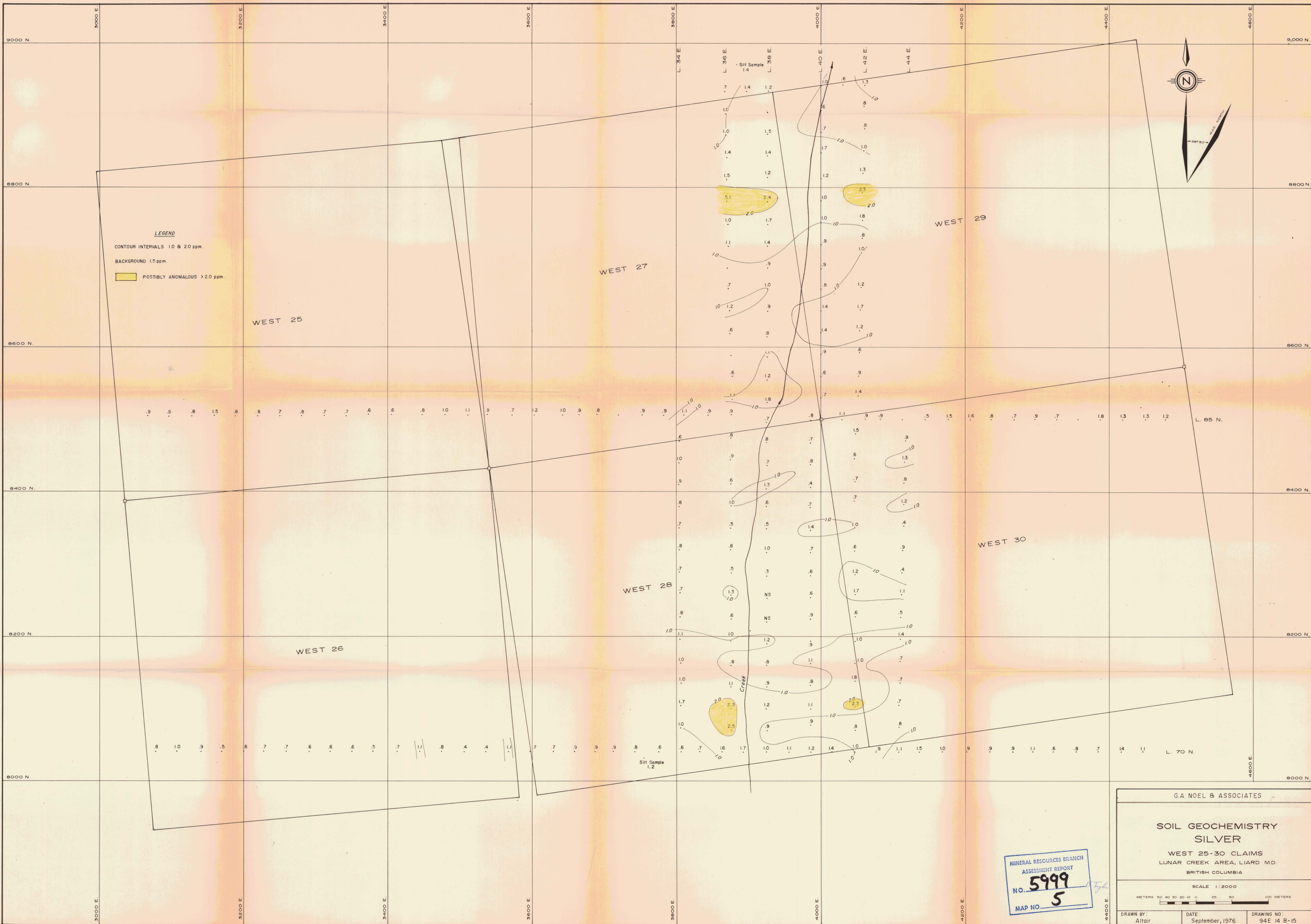
**SOIL GEOCHEMISTRY**  
**ZINC**

WEST 25-30 CLAIMS  
LUNAR CREEK AREA, LIARD M.D.  
BRITISH COLUMBIA

SCALE 1:2000

METERS 50 40 30 20 10 0 25 50 100 METERS

DRAWN BY: Altair	DATE: September, 1976	DRAWING NO.: 94E 14 B-14
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MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
 NO. 5999  
 MAP NO. 5

G.A. NOEL & ASSOCIATES

**SOIL GEOCHEMISTRY  
 SILVER**

WEST 25-30 CLAIMS  
 LUNAR CREEK AREA, LIARD M.D.  
 BRITISH COLUMBIA

SCALE 1:2000

DRAWN BY: Altair DATE: September, 1976 DRAWING NO: 94E 14 B-15