

PRELIMINARY GEOLOGICAL REPORT

AND

SOIL GEO - CHEMICAL SURVEY REPORT

THE BA MINERAL CLAIMS

GOLDEN MINING DIVISION, B. C.

FOR

Keith L. Burns

Calgary, Alberta.

BY

A. D. van der Lee P. Geol



MINERAL RESOURCES ASSESSMENT REPORT 9738 NO. A. 282
--

12th September, 1980.

TABLE OF CONTENTS

<u>PROPERTY</u>	1
<u>LOCATION AND ACCESS</u>	1
<u>GEOLOGY</u>	1
<u>SAMPLING PROCEDURE</u>	2
<u>CONCLUSIONS AND RECOMMENDATIONS</u>	3

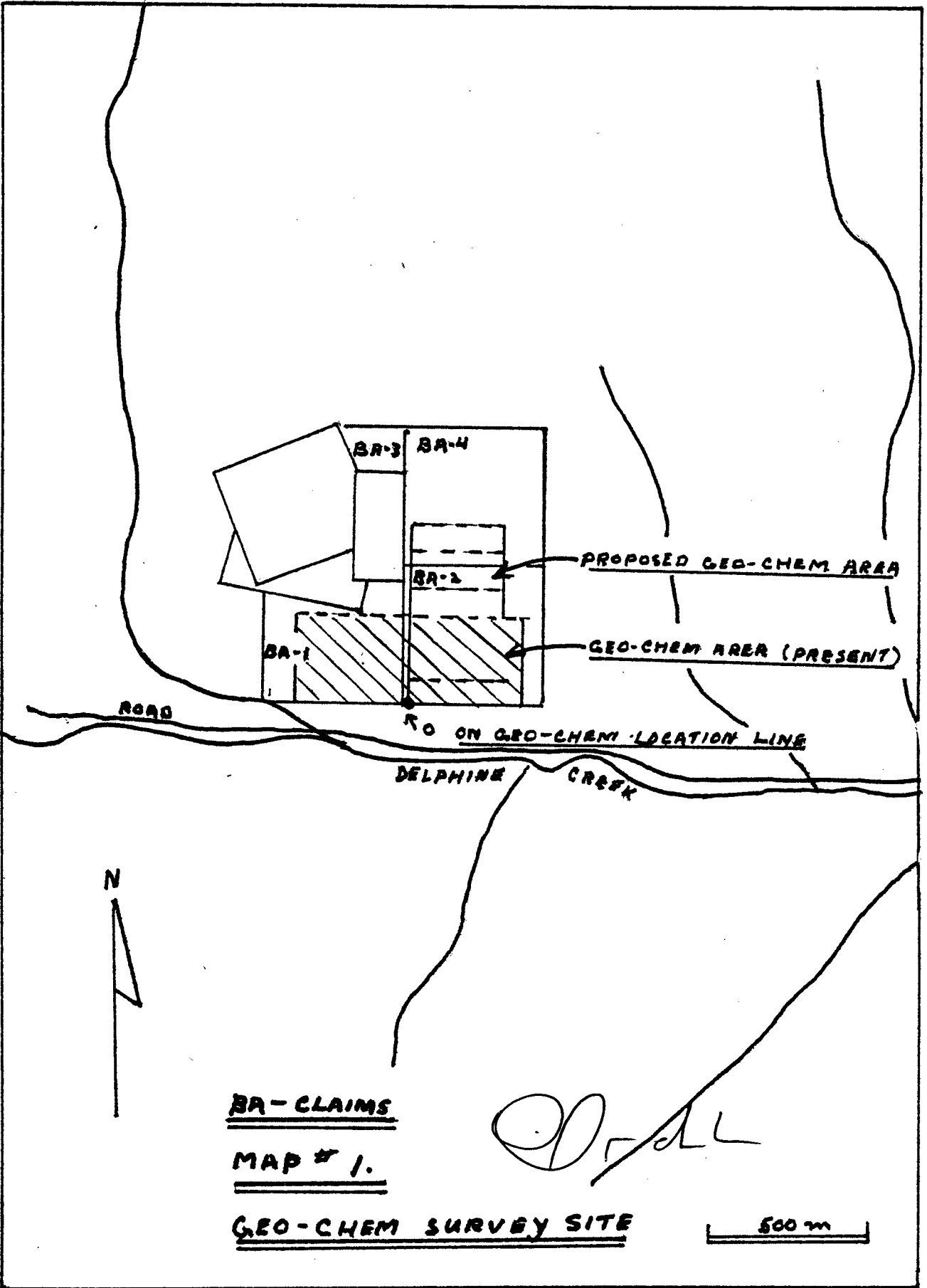
INCLUSIONS

INDEX MAP NO. 1

GEOCHEMICAL SURVEY MAP NO. 2

ASSAY REPORTS

STATEMENT OF COSTS



BA-CLAIMS

MAP # 1.

GEO-CHEM SURVEY SITE

500 m

PROPERTY

The property consists of 4 unpatented mineral claims.

BA-1

BA-2

BA-3

BA-4

The above claims are owned by Keith Burns of Calgary, Alberta.

LOCATION AND ACCESS

The claims are located on the North side of Delphine Creek, approximately 3 miles up from its junction with Toby Creek.

A good all weather road is taken west from the town of Invermere up Toby Creek for approximately 18 miles. Then a trail for 4 wheel drive units branches to the north up the Delphine Creek for about 3 miles to the base of the BA Claims.

GEOLOGY

The area is described by J. F. Walker in 'Geology and Mineral Deposits of Windermere Map Area, B.C.', from the Geological Survey of Canada Report 148 in 1926, and by J. E. Reesor, ' Preliminary Series ', Map 12 of 1957. (Lardeau Half)

The claim area is underlain by rock of the Mount Nelson formation. A major fault immediately to the east of the property appears to have been the source of mineralization. This fault forms part of a series of faults which continue northeast for 12 miles to a granodiorite

intrusive on Horsethief Creek. It also forms the contact between the Mount Nelson formation to the west and the Dutch Creek formation to the east.

There is a Syncline running through the west side of the BA group which at the lower elevations is hard to define. It would appear that it is this feature in which the Delphine Mine workings a half mile to the north are located.

The Mount Nelson formation consists of purple, grey and black argillite and slate; buff weathering grey and purple dolomite, and dolomite limestone; and green quartzite.

The Dutch Creek formation to the east is made up of green, grey, and black argillite and slate; a buff dolomitic slate; a buff weathering dolomite and a green argillaceous quartzite.

It is of interest that it was in the Mount Nelson formation that the mineral King Mine, 3 miles to the south west, and the Paradise Mine, 8 miles to the East produced lead and zinc from commercial ore bodies.

SAMPLING PROCEDURE

The location line on the geo-chem map enclosed with this report runs South to North for 1500 feet. The laterals were run at 200' and 300' intervals as shown, to the east and west of the location line as indicated

to form a grid. The grid was positioned on BA-1 and BA-2 as shown on Index Map No. 1.

Samples were taken at 25foot intervals along the laterals as shown on the grid map No. 2. Samples were taken from the B zone at a depth of 8 to 12 inches. Loring Laboratories in Calgary assayed all samples using an 80 mesh screen, hot acid digestion, and atomic absorption spectroscopy.

The sampling was done by James Adamson and Keith Burns of Calgary. Standard geo-chem bags were supplied by Loring Laboratories of Calgary. All bags were marked and tied at the sample location. All assays were paid for by Keith Burns, of Calgary.

The sampling was done on October 18 - 1979, and June 6 - 1980, for a total of two working days for two men. Assays were done for copper lead, and zinc online 1000N, and lead and zinc on the other lines.

CONCLUSIONS AND RECOMMENDATIONS

The geo - chem grid to the east of the south to north location line shows some interesting highs on the 1000N line over a 300 foot width, beginning 575 feet east of the location line. The 200 foot line shows much weaker highs, but does indicate a continuity of a mineralized trend in a north - south direction. None of these readings are exceptionally

high but the increase in ppm readings to the north would seem warrant some additional lines in a northerly direction to determine the source of this mineralization.

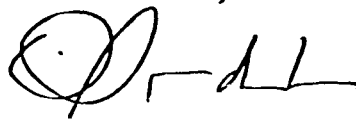
I would recommend the grid east of the location line be extended north at 300 foot intervals for an additional 1000 feet. Should an anomaly be indicated I would recommend this work be followed up by a reasonable amount of trenching.

C E R T I F I C A T E

This is to certify that I, A. D. van der Lee :

1. Am a resident of Calgary, Alberta, and live at 8212 10th St. S.W.
2. Am a graduate of the University of Calgary, B. Sc. 1971, and have spent one year in Graduate Studies in 1972 at the University of Calgary.
3. Am a member of the Professional Eng. Geologists and Geophysicists of Alberta.
4. Have no interest direct or indirect in the properties known as the BA Claims.
5. Have written this report on a personal examination of the property and the G.S.C. reports pertaining to this area.

A. D. van der Lee, P. Geol.

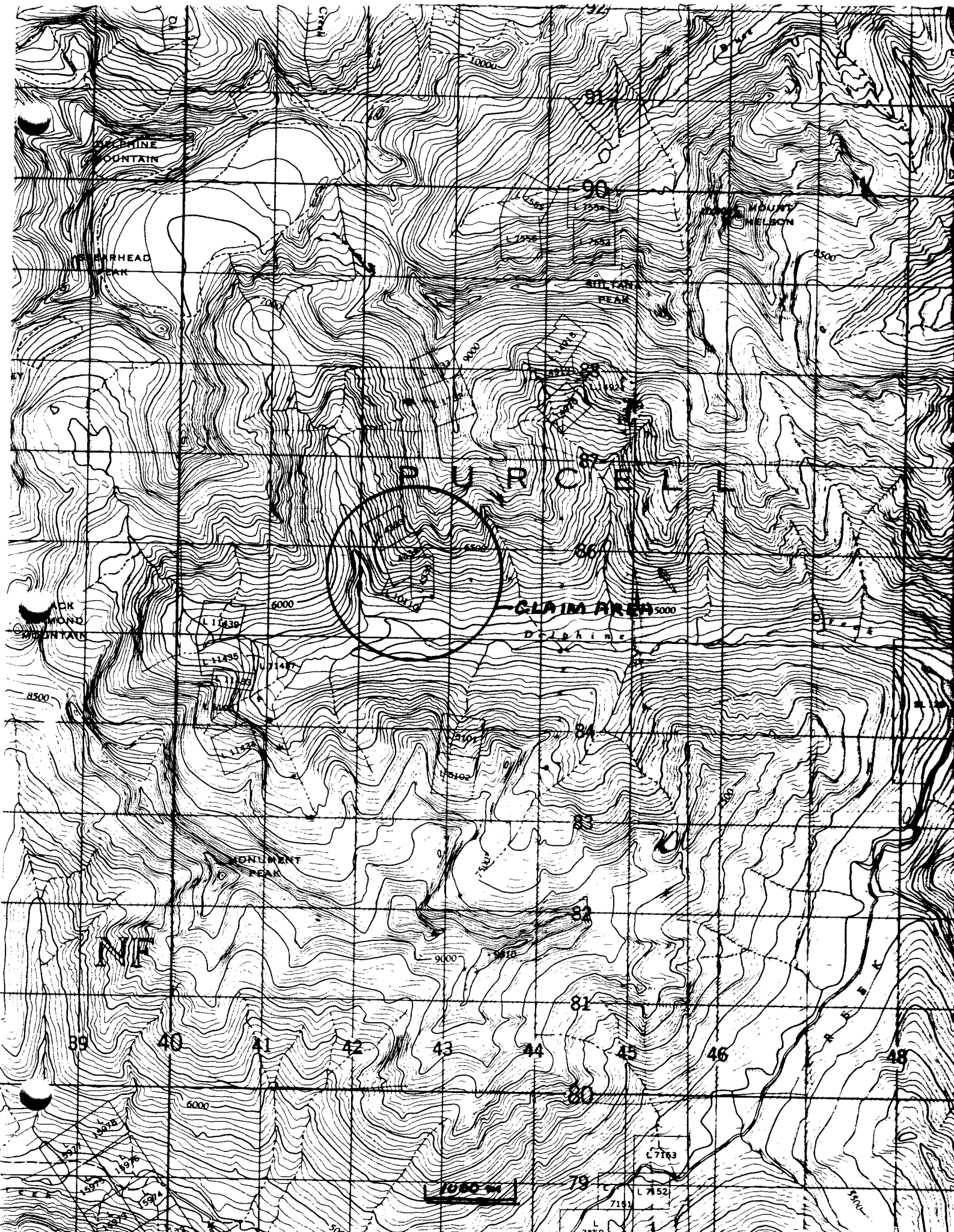
A handwritten signature in black ink, appearing to read 'A. D. van der Lee', written in a cursive style.

STATEMENT OF COSTS FOR BA CLAIM GROUP 1 TO 4 , FOR 1979 - 80.

<u>Claims</u>	BA-1	BA-2	BA-3	BA-4
<u>Map No.</u>	82K/8W	82K/8W	82K/8W	82K/8W
<u>Mining Receipt</u>	132650E	132650E	132650E	132650E
<u>Rec. No.</u>	487	488	489	490

All the above claims were recorded at Golden, B.C. October 15/79.

Geo - chem assays 109- cu., pb., zn.	\$280.15
Geo - chem assays 35- pb., zn.	\$ 96.25
Labour 2 men 16 hrs. @ 7.00 per hr.	\$224.00
4 X 4 25.00 per day - 2 days	\$ 50.00
Chain Saw 8.00 per day - 2 days	\$ 16.00
Board 10.00 per day - 2 men, - 2 days	\$ 40.00
Geologist 200.00 per day, - 1 day (Saturday August 16/80)	<u>\$200.00</u>
<u>Total costs</u>	\$906.40



To: A & B RESOURCES LIMITED,
 3617 Blackburn Rd. S.E.,
 Calgary, Alberta T2G 2R2



File No. 19336
 Date June 10, 1980
 Samples Soil

ATTN: Mr. Keith Burns

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 1

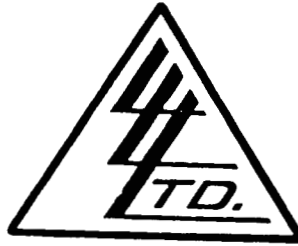
SAMPLE No.	PPM Cu	PPM Pb	PPM Zn
<u>"Soil Samples"</u>			
1000N 25E	30	96	125
50E	51	61	66
75E	24	70	86
100E	22	39	57
125E	21	48	66
150E	24	49	48
175E	20	38	41
200E	20	52	75
225E	13	47	108
250E	17	39	66
275E	33	43	39
300E	19	54	78
325E	17	54	67
350E	37	46	58
375E	28	66	86
400E	25	55	84
425E	19	51	87
450E	23	62	79
475E	53	44	68
500E	24	81	90
525E	29	80	115
550E	32	84	73
575E	14	320	450
600E	21	150	260
625E	17	87	151
650E	16	80	400
675E	14	66	183
700E	15	130	390
725E	24	105	300

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

ed m f a e
 Licensed Assayer of British Columbia

To: A & B RESOURCES LIMITED,
 3617 Blackburn Rd. S.E.,
 Calgary, Alberta T2G 2R2



File No. 19337
 Date June 10, 1980
 Samples Soil

ATTN: Mr. Keith Burns

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 2

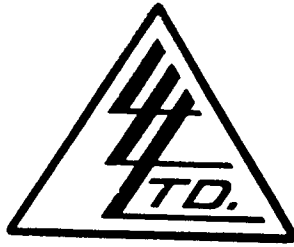
SAMPLE No.	PPM Cu	PPM Pb	PPM Zn
200N- 850E	27	52	118
875E	19	42	116
900E	13	48	160
925E	35	41	68
950E	20	34	94
975E	28	36	95
1000E	22	41	110
		1480	3510
	AV 42.3	AV 100.3	
	H 94	H 360	
	L 6	L 9	
	MEAN 50	MEAN 184.5	

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 Pulps Retained one month
 unless specific arrangements
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e L m a s a e
 Licensed Assayer of British Columbia

To: Mr. Keith Burns.....
3617 Blackburn Road S.E.....
Calgary, Alberta.....
T2G 2R2.....



File No. 18058.....
 Date October 24, 1979.....
 Samples Soil.....

Certificate of
ASSAY
 LORING LABORATORIES LTD.

Page #1

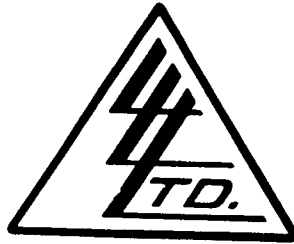
SAMPLE No.	PPM Cu	PPM Pb	PPM Zn
1000N			
<u>"SOIL SAMPLES"</u>			
OW	19	64	164
1W-25	28	43	80
2W-50	23	44	87
3W-75	27	51	104
4W-100	31	56	95
5W-125	29	59	100
6W-150	43	87	220
7W-175	24	29	41
8W-200	26	67	97
9W-225	29	60	146
10W-250	30	87	260
11W-275	21	35	129
12W-300	22	74	76
13W-325	19	46	71
14W-350	21	61	107
15W-375	26	59	74
16W-400	30	55	53
17W-425	12	32	63
18W-450	16	40	57
19W-475	18	105	104
20W-500	20	64	84
21W-525	23	30	55
22W-550	43	80	87
23W-575	19	73	55
24W-600	22	58	45
25W-625	16	53	55
26W-650	33	29	44

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

Edmond J. A. A.
 Licensed Assayer of British Columbia

To: Mr. Keith Burns.....
 3617 Blackburn Road S.E.....
 Calgary, Alberta.....
 T2G 2R2.....



File No. 18058.....
 Date October 24, 1979.....
 Samples Soil.....

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page #2

SAMPLE No.	PPM Cu	PPM Pb	PPM Zn
27W-675	21	33	56
28W-700	29	31	58
29W-725	34	39	58
30W-750	29	27	49
31W-775	39	34	49
32W-800	34	36	72
33W-825	27	36	87
34W-850	24	55	126
35W-875	36	51	89
36W-900	37	63	125
37W-925	48	90	94
38W-950	60	91	116
39W-975	48	77	94
40W-1000	31	58	60
41W-1025	20	23	44
42W-1050	11	18	27
43W-1075	11	23	28
44W-1100	12	19	29
45W-1125	22	22	32
46W-1150	14	32	40
47W-1175	16	30	35
48W-1200	15	23	31
49W-1225	43	34	42
50W-1250	38	23	34
51W-1275	29	21	30
52W-1300	21	19	30
53W-1325	17	18	43
54W-1350	19	22	57
55W-1375	46	27	35

(36)

AU 46.7
 H 105
 L 18
 MEAN 61.5

AU 73.4
 H 260
 h 27
 MEAN 143.5

2616 4223

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

Pulps Retained one month
 unless specific arrangements
 made in advance.

E. Ann J. A. A. E.
 Licensed Assayer of British Columbia



E.M SURVEY

BA CLAIMS (GEO-CHEM PROFILE)-MAP#2

Scale 1 inch = 100 feet.

Map #4

25 M.

MINING BRANCH
REPORT

9738

A-282

0
+7 -11
+7 -11
+6 -11
+2 -18
0 -14
-3 -20
-0 -14
+2 -9
+2 -8
0 -10

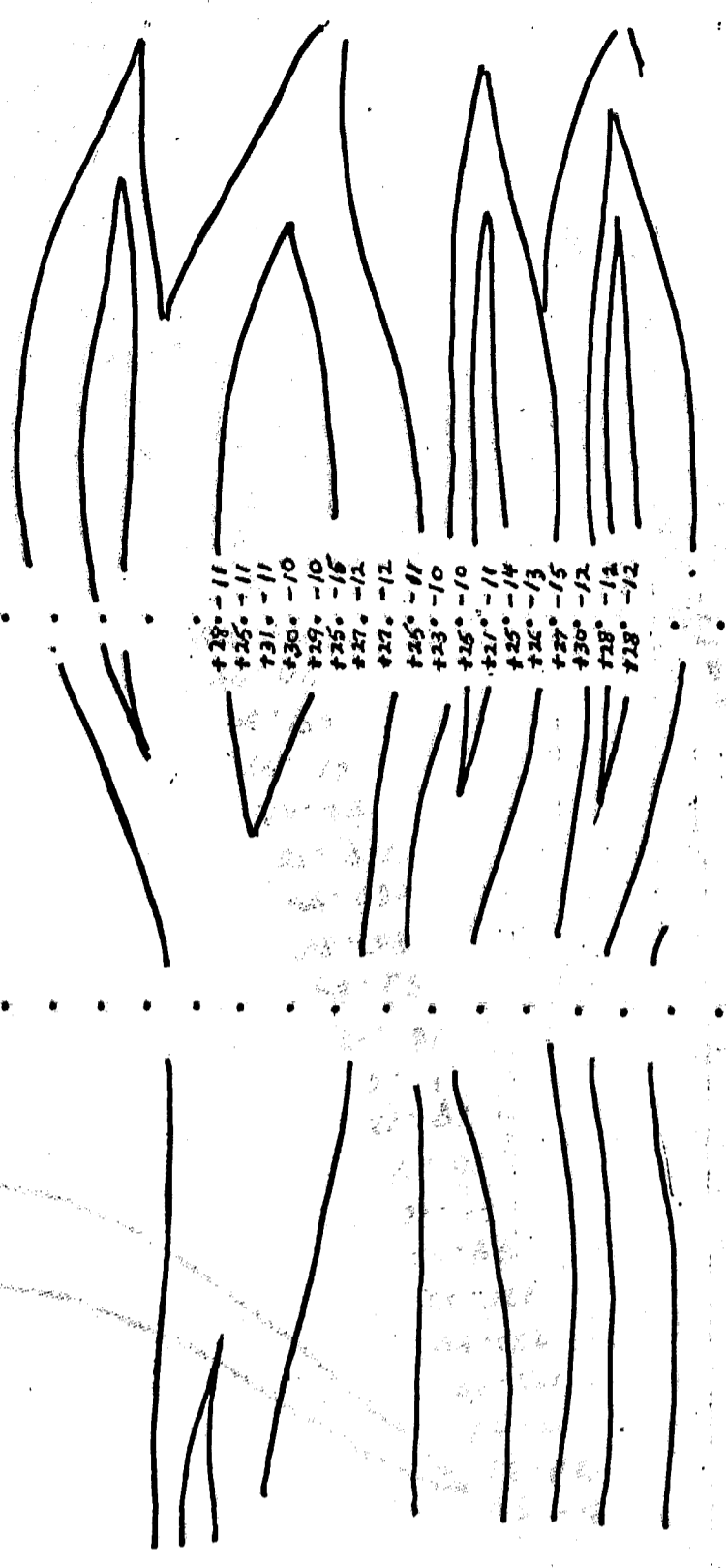
+2 -7
+5 -10
+5 -9
+3 -9
+3 -10
+1 -6
-1 -6
-3 -8
-4 -8
-9 -3
-15 -6
-16 -6
-15 -6

DOE -10 -7
-12 -2
-8 -4
-6 -4
-4 -2
-8 -4
-9 -5
-12 -9
-6 -5
-5 -6
-5 -4
-7 -4
-5 -6
-3 -6
-8 -6
-3 -10

DOE

QUAD.
TILT ANGLE %

+6 -10
+5 -7
+3 -10
+2 -9
+3 -10
0 -10
-1 -7
-1 -7
0 -6
+2 -6
+2 -7
-3 -4
-5 -6
-5 -6
-6 -6
-6 -1
-4 -4
-4 -4
-5 -6
-4 -4
-6 -4
-4 -5
-3 -6
-8 -7
-8 -2
-7 -6
-5 -8
-4 -7
0 -5
-7 -13
0 -10
0 -10
0 -10
+3 -10
+9 -13
+5 -9
+5 -10
+8 -12



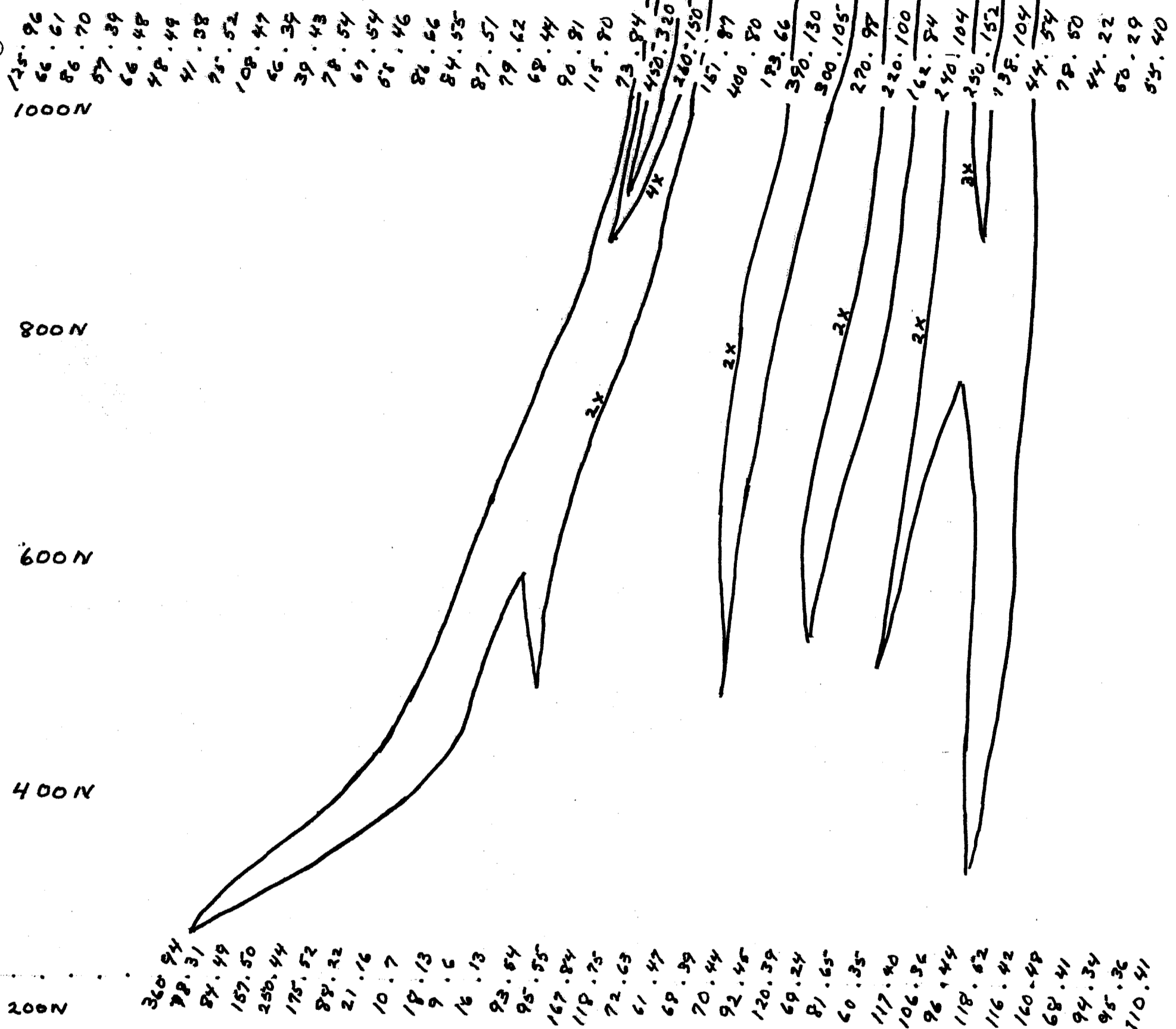
+28 -11
+25 -11
+31 -11
+30 -10
+25 -10
+25 -10
+27 -12
+27 -12
+25 -11
+23 -10
+25 -10
+21 -11
+25 -14
+25 -15
+30 -12
+28 -12
+28 -12



50 m

53.53
 45.58
 55.73
 87.80
 55.30
 84.64
 104.105
 57.40
 63.32
 53.55
 74.54
 107.61
 71.54
 76.74
 129.35
 260.87
 146.60
 97.67
 41.29
 220.87
 100.54
 95.52
 104.57
 87.44
 80.43
 164.64

1000 N
 800 N
 600 N
 400 N
 200 N



360.94
 78.31
 84.49
 157.50
 250.44
 175.52
 88.32
 21.16
 10.7
 18.13
 9.6
 16.13
 93.84
 95.85
 167.84
 118.75
 72.63
 61.47
 68.39
 70.44
 92.45
 120.39
 69.24
 81.65
 60.35
 117.40
 106.36
 96.144
 118.62
 116.42
 140.48
 68.41
 94.34
 95.36
 710.41

MINERAL RESOURCES FOR
 ASSESSMENT REPORT
9738
 A 282

BA CLAIMS GEO-CHEM (see INDEX MAP #1) ANOMALIES DRAWN FROM PB READINGS ONLY
 AVERAGE NORM FOR PB - under 80ppm = 52 ppm.
 MAP # 2

[Handwritten signature]