

81-#941-9724

GEOCHEMICAL REPORT

BOUNDARY GROUP

(Record Nos. 703 - 715(8); 716 - 728(9); 2570 - 2572(9)
2605 - 2607(9); 1836(9))

Stewart Area
SKEENA MINING DIVISION

NTS 104A/4W & 104B/1E

Latitude: 56°02'N; Longitude: 130°00'W

OWNER: Ulrich Kretschmar and Ocean Home Exploration Ltd.
R.R.1 Box 3174, Station B
Severn Bridge, Calgary, Alberta
Ontario T2M 4L7
POE 1N0

OPERATOR: Windy Point Minerals, Ltd.
1500 - 1176 W. Georgia Street,
Vancouver, B.C.
V6E 4A2

AUTHOR: Gary Foye

DATE SUBMITTED: October 19, 1981

9724

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INTRODUCTION

This report describes a soil sampling survey carried out during August, 1981 in the vicinity of the old International adit which is located on the Grub reverted Crown-granted claim. This claim is part of the Boundary Group.

The Boundary Group is situated approximately ten kilometers north of Stewart on the west slope of the northerly trending Bear River Ridge. It is bounded on the west by the Alaskan border. The area is within the northern Coast Mountains and is generally quite rugged. The International adit is located at an elevation of approximately 600 meters on the northeast side of Cabin Creek. Figure 1 shows the location of the property.

Access to the area of the International adit from Stewart is gained by driving north on the Granduc Road to the Premier Mine. The road to the east at Premier is then followed toward the old Premier workings for approximately 2.2 kilometers to a switchback. A trail is then followed southerly for about two kilometers to Cabin Creek.

The Boundary Group consists of 26 reverted Crown-granted claims, three located two-post claims and four located fractions. Ocean Home Exploration Ltd. Box 3174, Station B, Calgary, Alberta owns the reverted Crown-granted claims and Ulrich Kretschmar, R.R.1, Severn Bridge, Ontario owns the located claims and fractions. The operator during 1981 was Windy Point Minerals Ltd., 1500 - 1176 W. Georgia Street, Vancouver, B.C. A claim map is presented in Figure 2 and pertinent claim information is as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Lot Number</u>
High Ore No.4	703(8)	4611
High Ore No.1	704(8)	4608
High Ore No.3	705(8)	4610
High Ore No.1 FR	705(8)	4612

Map from NTS sheets 103P + 1030,
104A and 104B
AMS sheets Katchikan +
Bradfield Canal

Drafted by : D. Kretschmar
30 Aug. 1979

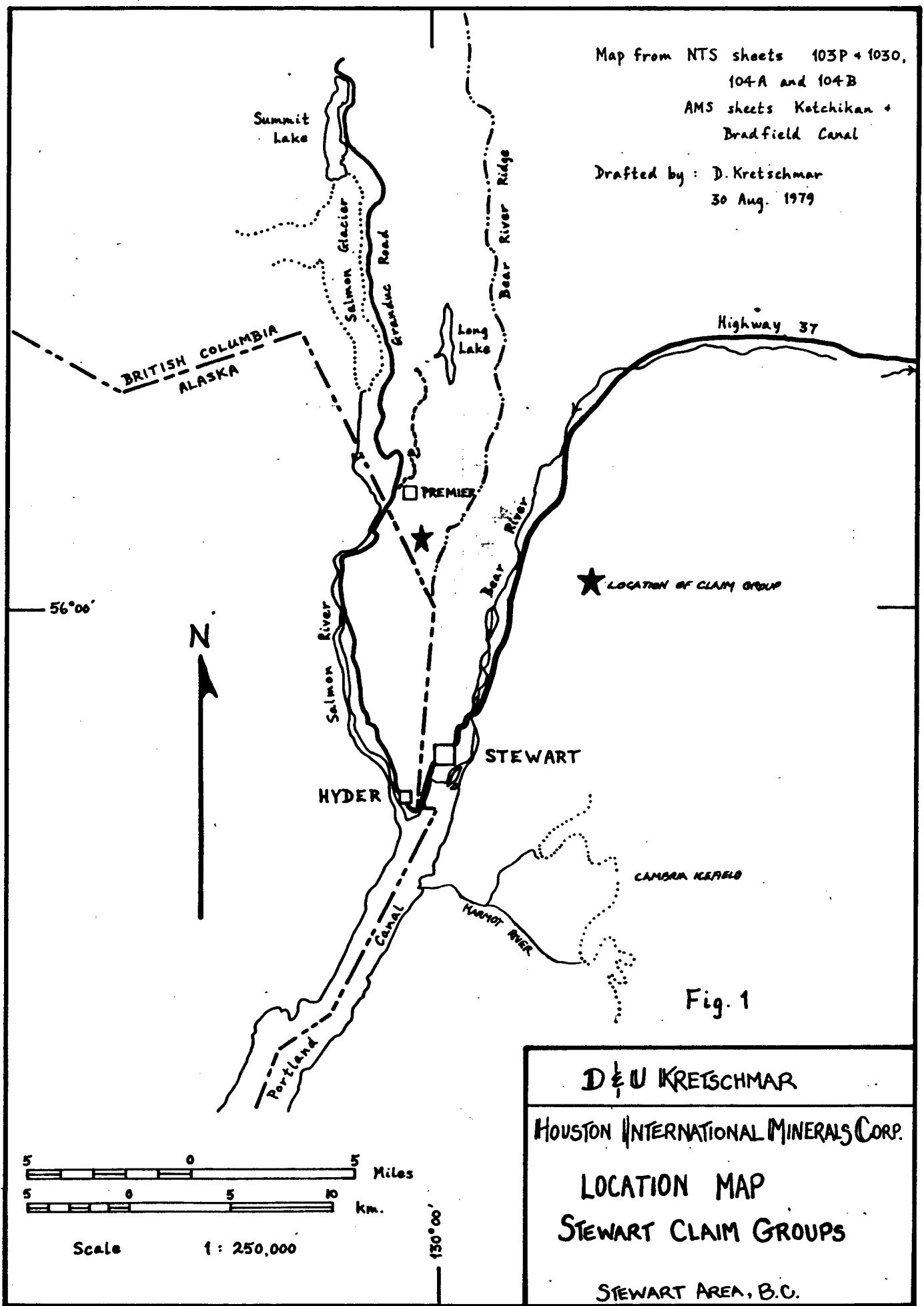


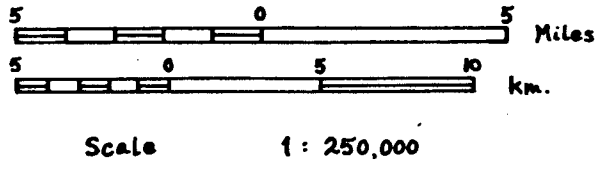
Fig. 1

D & U KRETSCHMAR

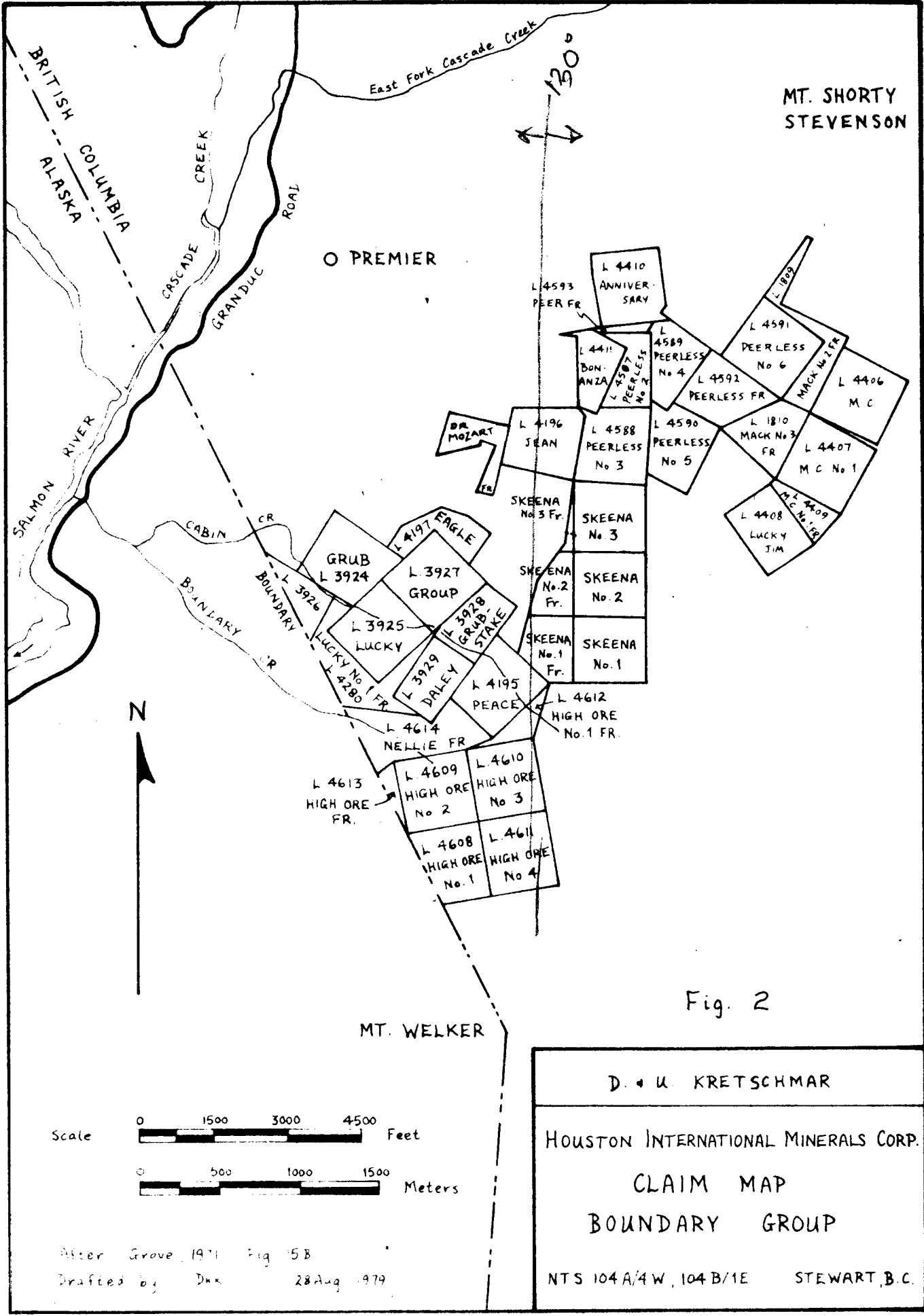
HOUSTON INTERNATIONAL MINERALS CORP.

LOCATION MAP
STEWART CLAIM GROUPS

STEWART AREA, B.C.



130° 00'



MT. SHORTY STEVENSON

O PREMIER

BRITISH COLUMBIA ALASKA

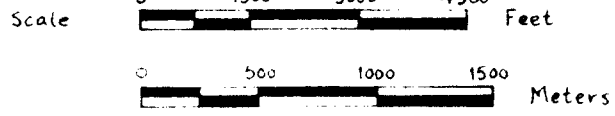
East Fork Cascade Creek

CASCADE CREEK
GRAND DUC ROAD

SALMON RIVER

CABIN CR

BOUNDARY CR



After Grove, 1971 Fig 5B
 Drafted by Dux 28 Aug 1979

Fig. 2

MT. WELKER

D. & U. KRETSCHMAR

HOUSTON INTERNATIONAL MINERALS CORP.

CLAIM MAP

BOUNDARY GROUP

NTS 104A/4W, 104B/1E STEWART, B.C.

<u>Claim Name</u>	<u>Record Number</u>	<u>Lot Number</u>
High Ore No.2	706(8)	4609
High Ore Fr	706(8)	4613
Nellie Fr.	707(8)	4614
Peace	708(8)	4195
Daley	709(8)	3929
Grubstake	710(8)	3928
Group	711(8)	3927
Lucky	712(8)	3925
Grub	713(8)	3924
Eagle	714(8)	4197
Boundary	715(8)	3926
Lucky No.1 Fr.	715(8)	4280
Peerless No.3	716(9)	4588
Bonanza	717(9)	4411
Peerless No.2	717(9)	4587
Peer Fr.	717(9)	4593
Anniversary	718(9)	4410
Lucky Jim	719(9)	4408
M.C. No.1 Fr.	719(9)	4409
M.C. No.1	720(9)	4407
M.C.	721(9)	4406
Jean	722(9)	4196
Mack No.3 Fr.	723(9)	1810
Mack No.2 Fr.	724(9)	1809
Peerless No.4	725(9)	4589
Peerless No.5	726(9)	4590
Peerless No.6	727(9)	4591
Peerless Fr.	728(9)	4592
Dr. Mozart Fr.	1836(9)	
Skeena No.1 /	2570(9)	
Skeena No.2	2571(9)	
Skeena No.3	2572(9)	
Skeena No.1 Fr.	2605(9)	
Skeena No.2 Fr.	2606(9)	
Skeena No.3 Fr.	2607(9)	

A reference to the International adit is made by Hanson in GSC Memoir 175 (1935). He states: "open cuts expose a silicified zone mineralized with pyrite and galena up to 10 feet wide, lying in a narrow body of feldspar porphyry. Both the porphyry body and the silicified zone strike north. A cross-cut adit 93 feet long and 150 feet below the open cuts has not been driven far enough to intersect the zone."

During 1980 the adit was mapped but there was no significant mineralization found. The open-cuts mentioned by Hanson could not be located. The 1981 soil sample survey was undertaken to determine if there was a geochemical expression of any mineralization that might be in the vicinity. A total of 36 soil samples were collected at 50 foot (15 meter) centers and analyzed for copper, lead, zinc, silver and gold.

SOIL SAMPLE SURVEY

COLLECTION PROCEDURE

Soils in the area of the survey are at best only moderately well developed. The B horizon was sampled wherever possible. At each sample site a 15-30 cm hole was dug and a sample removed with a stainless steel trowel. The sample was placed in a numbered kraft wet strength bag.

ANALYTICAL PROCEDURE

The soil samples were shipped to Chemex Laboratories, 212 Brooksbank Avenue. North Vancouver, for analysis. Preparation consisted of drying and sieving through an ASTM 80 mesh screen. For copper, lead, zinc and silver determinations a perchloric-nitric acid extraction was used and concentrations were measured by atomic absorption spectrophotometry. Gold was extracted by fire assay and concentrations determined by neutron activation.

DISCUSSION OF RESULTS

Refer to Figures 3,4,5,6,7 and 8 for sample locations, copper results, lead results, zinc results, silver results and gold results respectively. The results are also tabulated in Appendix

A statistical analysis of the data yielded the following results.

	<u>No. of Samples</u>	<u>Mean</u>	<u>Standard Deviation</u>	<u>Mean + 2S.D.</u>	<u>Mean + 2S.D.</u>
Copper	35	16.8 ppm	8.7	25.5	34.2
Lead	36	16.2 ppm	13.6	29.8	43.4
Zinc	35	35.6 ppm	11.3	46.9	58.2
Silver	36	1.0 ppm	0.9	1.9	2.8
Gold	36	.028 ppm	.037	.065	.102

The highest copper and zinc values were ignored in the calculations.

The background level for all elements is quite low and even values that are statistically anomalous (Mean + 2S.D.) for this population would not normally be considered anomalous. The plotted values do not show any patterns that might indicate the presence of mineralization.

RECOMMENDATIONS

No follow-up work is recommended on the basis of the soil geochemistry survey.

STATEMENT OF EXPENDITURES
Boundary Group

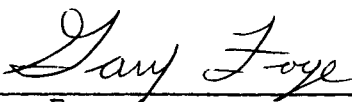
1) Salaries:		
Gary Foye	2 days (Aug.28 and Oct.7,1981) @ \$144.00/day	\$288.00
J. Wegenast	1 day (Aug.28, 1981) @ \$52.00/day	<u>52.00</u>
	Sub Total	\$340.00
2) Food and Accommodation:		
2 man-days @ \$20.00/man-day		\$ 40.00
3) Transportation:		
Truck Rental - 1 day (Aug.28, 1981) @ \$30.00/day		\$ 30.00
4) Sample Analysis:		
36 soil samples @ \$9.10/sample		<u>\$327.60</u>
	Total Expenditures	<u><u>\$737.60</u></u>

Gary Foye
Gary Foye

STATEMENT OF QUALIFICATIONS

I, Gary R. Foye, of 1028 Moray Street, Coquitlam, B.C., V3J 6S3, certify that:

- 1) I am a Project Geologist employed by Windy Point Minerals, Ltd. (a subsidiary of Houton International Minerals Corp.).
- 2) I am a graduate of the University of British Columbia - B. Sc. 1970.
- 3) I have worked as an exploration geologist in various areas of Canada, U.S.A. and Africa.
- 4) I worked on the Boundary Group during August, 1981



Gary Foye

-10-

APPENDIX A
Geochemical Results

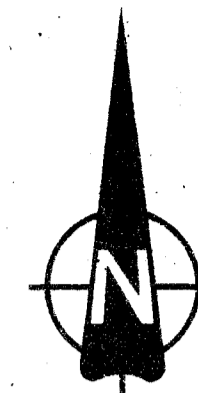
ELEMENT / ANAL. CODE

SAMPLE ID.	CU/D1	PH/D1	ZN/D1	AG/D1	AU/ G	(All in ppm)
BD82029010	11	4	25	.4	.117	
BD82029020	12	1	14	.1	.009	
BD82029030	121	40	44	1.8	.061	
BD82029040	6	6	19	.4	.010	
BD82029050	6	2	20	.1	.022	
BD82029060	19	10	30	1.2	.005	
BD82029070	52	10	35	1.4	.080	
BD82029080	13	8	37	.6	.003	
BD82029090	9	7	27	.2	.001	
BD82029100	15	17	50	2.9	.093	
BD82029110	12	9	32	.9	.004	
BD82029120	10	10	32	.3	.002	
BD82029130	25	8	26	2.7	.025	
BD82029140	23	17	28	1.2	.008	
BD82029150	32	12	55	.2	.006	
BD82029160	17	15	38	3.4	.010	
BD82029170	12	13	34	1.4	.058	
BD82029180	9	12	25	1.5	.016	
BD82029190	15	11	35	1.8	.009	
BD82029200	42	17	103	1.0	.005	
BD82029210	14	14	40	.9	.001	
BD82029220	10	8	25	.5	.013	
BD82029230	12	8	38	.3	.005	
BD82029240	35	14	59	.4	.162	
BD82029250	27	11	38	.8	.007	
BD82029260	23	36	48	1.2	.017	
BD82029270	15	44	22	.5	.037	
BD82029280	6	20	30	.2	.030	
BD82029290	7	17	49	.7	.006	
BD82029300	10	21	55	.2	.001	L
BD82029310	11	19	34	2.9	.003	
BD82029320	12	72	40	1.0	.038	
BD82029330	8	27	50	.3	.048	
BD82029340	14	14	35	1.1	.062	
BD82029350	16	23	52	.1	.010	
BD82029360	27	7	26	2.0	.039	

..... END OF REPORT FOR: CXA8114030

INTERNATIONAL FR. - L.3923

GRUB - 713



INTERNATIONAL ADIT

8202901	8202905	8202909	8202913	8202921	8202922	8202936
8202902	8202906	8202910	8202914	8202920	8202923	8202935
8202903	8202907	8202911	8202915	8202919	8202924	8202934
8202904	8202908	8202912	8202916	8202918	8202925	8202933
				8202917	8202926	8202932
					8202927	8202931
					8202928	8202930
						8202929

BOUNDARY - 715

CABIN CREEK

9724



WINDY POINT MINERALS LTD.

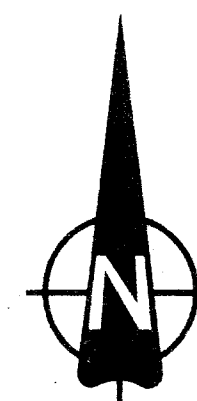
BOUNDARY GP. - INTERNATIONAL ADIT
SOIL SAMPLE SURVEY

SAMPLE NUMBERS

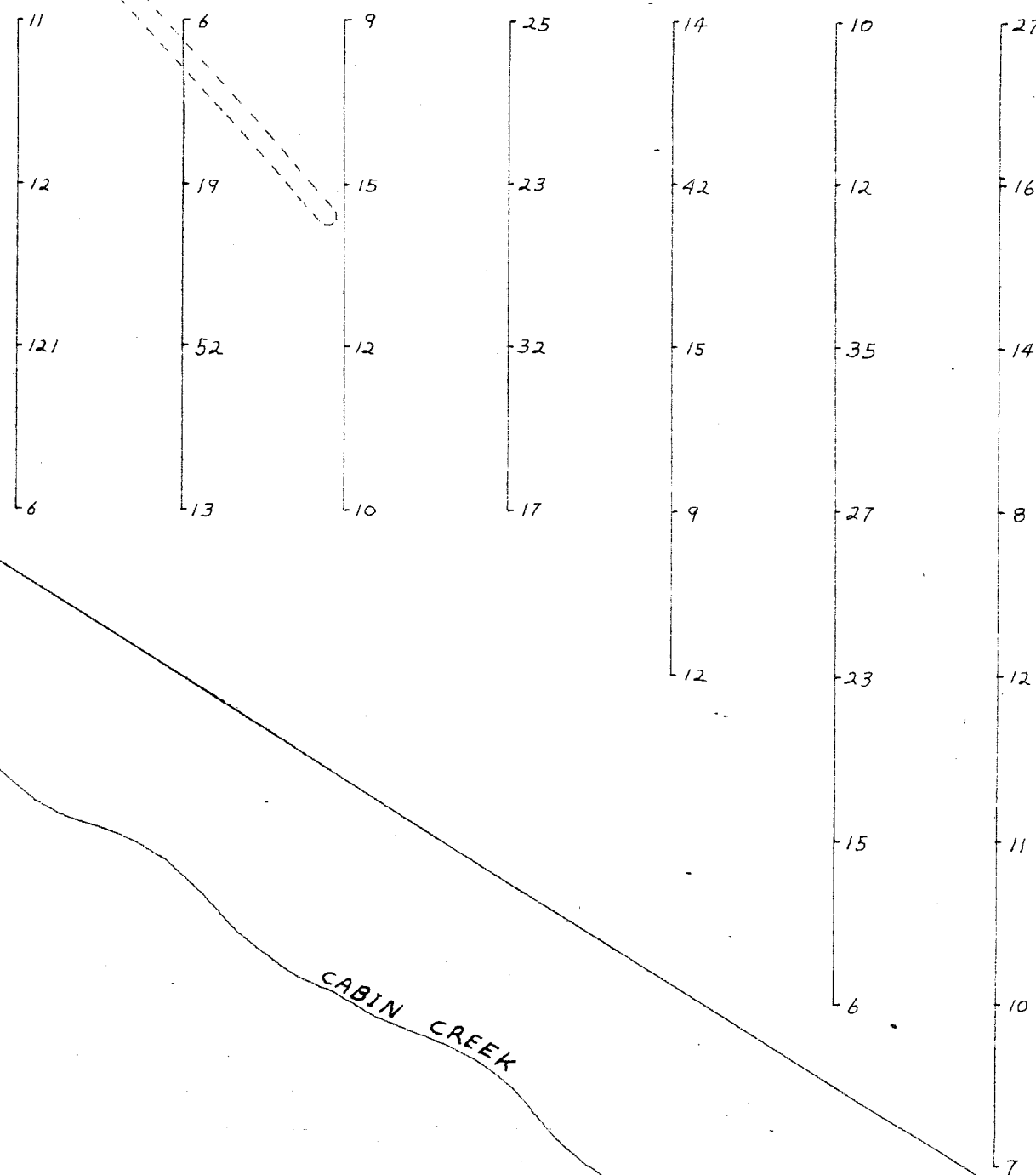
FIGURE 3

INTERNATIONAL FR. - L.3923

GRUB - 713



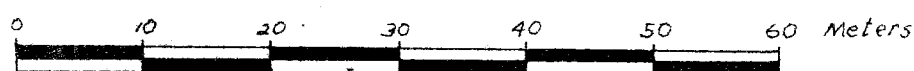
INTERNATIONAL ADIT



BOUNDARY - 715

CABIN CREEK

9724



WINDY POINT MINERALS LTD.

BOUNDARY GP. - INTERNATIONAL ADIT

SOIL SAMPLE SURVEY

COPPER (P.P.M.)

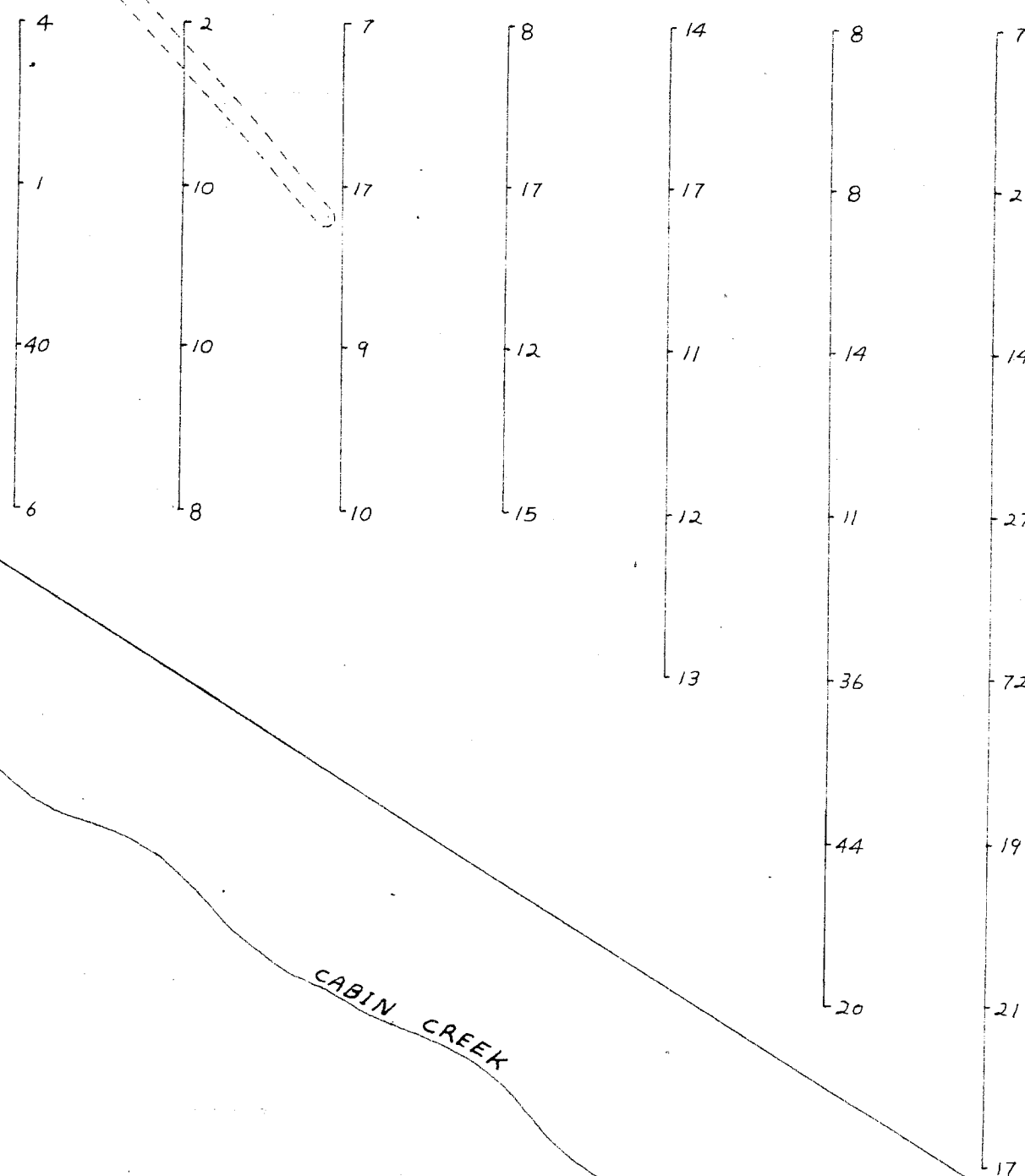
FIGURE 4

INTERNATIONAL FR. - L.3923

GRUB - 713



INTERNATIONAL ADIT



BOUNDARY - 715

CABIN CREEK

9724

WINDY POINT MINERALS LTD.

BOUNDARY GP. - INTERNATIONAL ADIT
SOIL SAMPLE SURVEY

LEAD (P.P.M.)

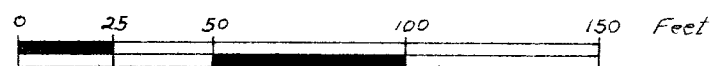
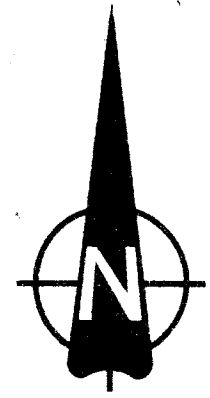


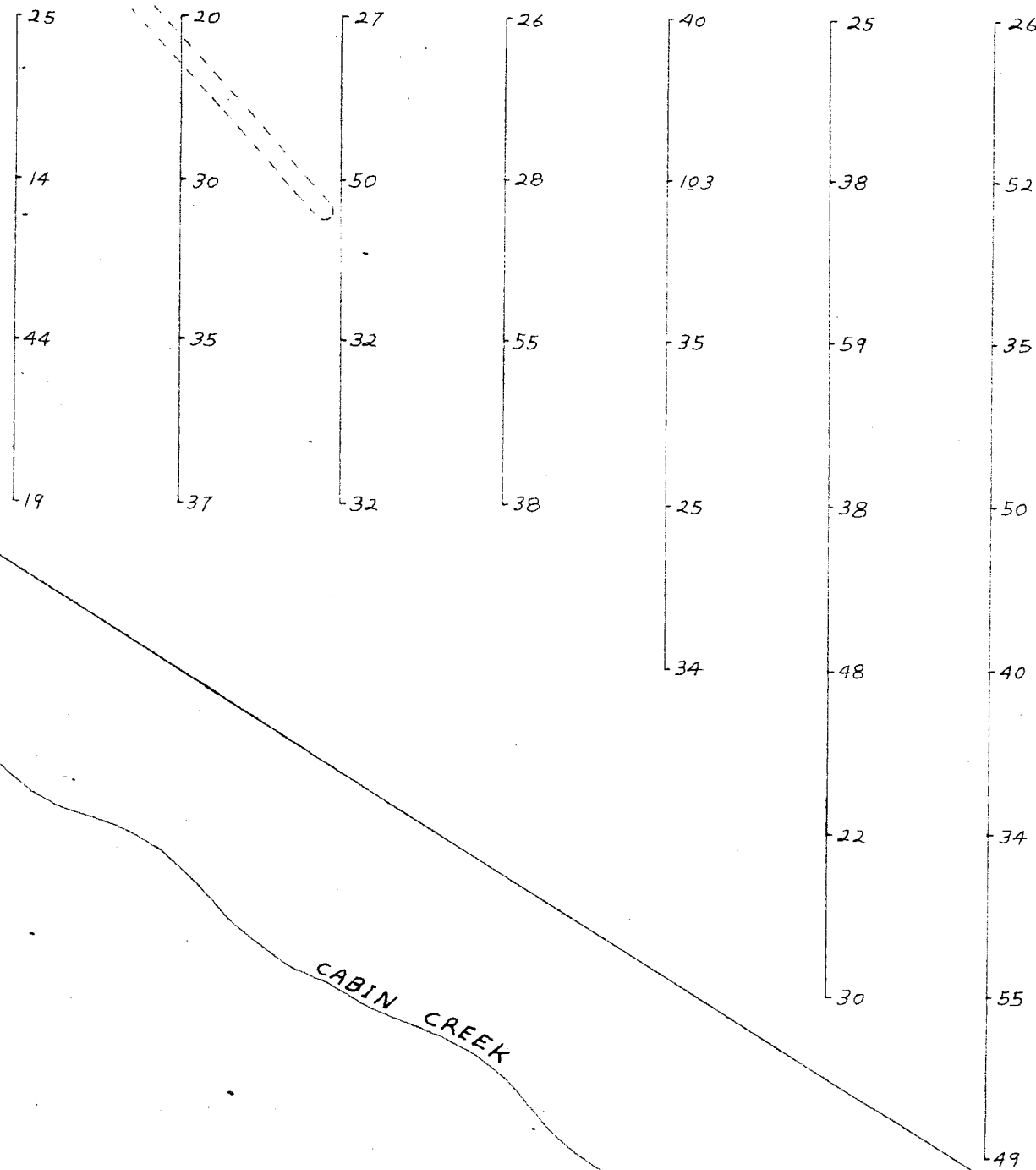
FIGURE 5

INTERNATIONAL FR. - L.3923

GRUB - 713



INTERNATIONAL ADIT



BOUNDARY - 715

CABIN CREEK

9724



WINDY POINT MINERALS LTD.

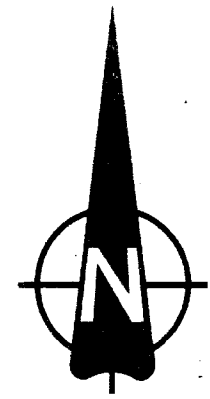
BOUNDARY GP. - INTERNATIONAL ADIT
SOIL SAMPLE SURVEY

ZINC (P.P.M.)

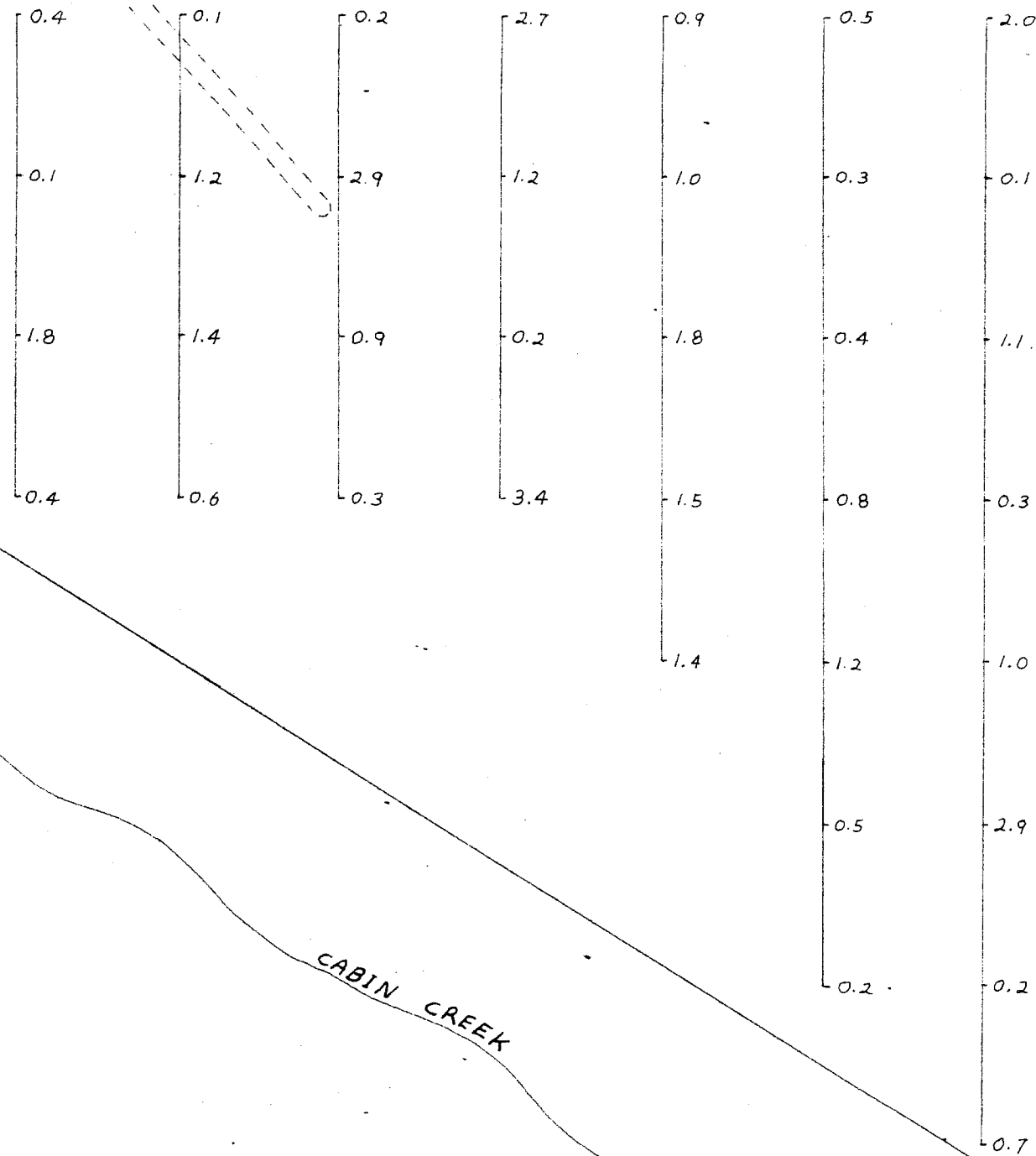
FIGURE 6

INTERNATIONAL FR. - L.3923

GRUB - 713



INTERNATIONAL ADIT



BOUNDARY - 715

CABIN CREEK

9724



WINDY POINT MINERALS LTD.

BOUNDARY GP. - INTERNATIONAL ADIT

SOIL SAMPLE SURVEY

SILVER (PPM)

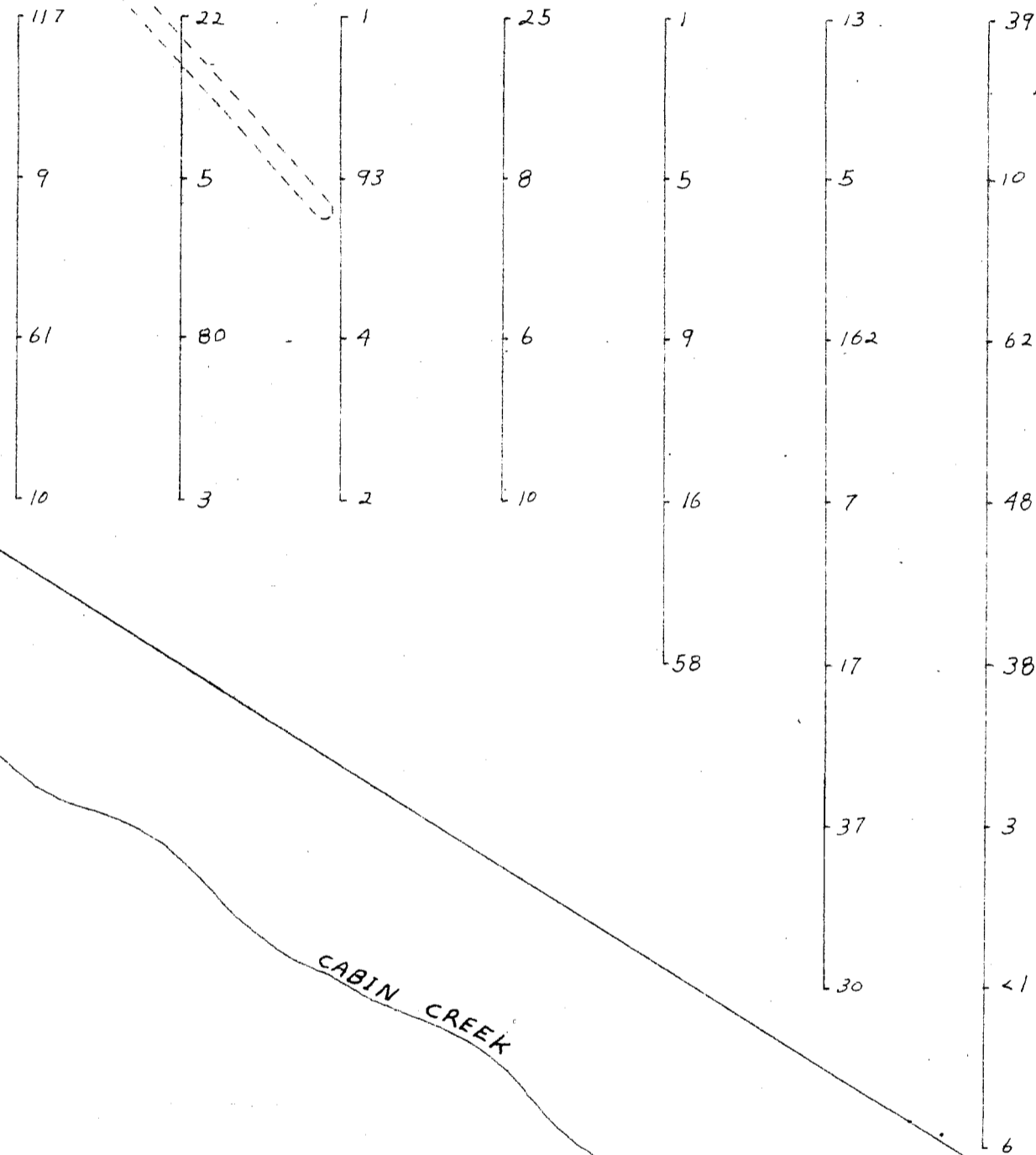
FIGURE 7

INTERNATIONAL FR. - L.3923

GRUB - 713



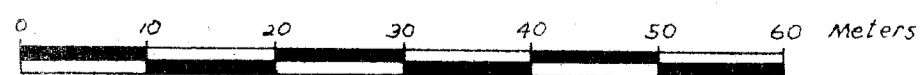
INTERNATIONAL ADIT



BOUNDARY - 715

CABIN CREEK

9724



WINDY POINT MINERALS LTD.

BOUNDARY GP. - INTERNATIONAL ADIT
SOIL SAMPLE SURVEY

GOLD (P.P.B.)

FIGURE 8