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VANCOUVER, B.C.

A REPORT ON A  
GEOPHYSICAL AND GEOCHEMICAL SURVEY  
OF THE BOO 2 CLAIM  
CARIBOO MINING DIVISION, B.C.

NTS Location Map 93G 1W

Geographical Co-ordinates 52° 10' 24" N. Latitude  
122° 16' 48" W. Longitude

Owner & Operator:  
BARYTEX RESOURCES CORPORATION

Consultant:  
NEVIN SADLIER-BROWN GOODBRAND LTD.

Author:  
DOUGLAS H. WOOD  
Date Submitted: SEPTEMBER 12, 1987  
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

FILMED

16,516

GEOLOGISTS AND ENGINEERS

TABLE OF CONTENTS

	<u>PAGE</u>
<b>SUMMARY</b>	
<b>1.0 INTRODUCTION</b>	
1.1 Terms of Reference	1
1.2 Property and Ownership	1
1.3 Location, Access and Physiography	1-2
1.4 Previous Work	2
<b>2.0 GEOLOGICAL SETTING</b>	3
<b>3.0 GEOCHEMICAL SURVEY</b>	
3.1 Survey Method	4
3.2 Discussion of Results	5
<b>4.0 MAGNETOMETER SURVEY</b>	
4.1 Survey Method	6
4.2 Discussion of Results	6-7
<b>5.0 VLF-EM SURVEY</b>	
5.1 Survey Method	8
5.2 Discussion of Results	8-9
<b>6.0 CONCLUSIONS AND RECOMMENDATIONS FOR FURTHER WORK</b>	10-11
<b>FIGURES</b>	After Text
Figure 1 - Location Map	" "
Figure 2 - Soil Profiles Base Line	" "
Figure 3 - " " Line 4S	" "
Figure 4 - Magnetometer	" "
Figure 5 - VLF-EM Profiles (Annapolis)	" "
Figure 6 - " " " (Seattle)	" "
Figure 7 - Topographical Map	" "
<b>APPENDICES</b>	After Text
Appendix A - References	" "
Appendix B - Summary of Expenditures	" "
Appendix C - Certificates	" "
Appendix D - Assayers' Reports	" "
Appendix E - Statistical Worksheets	" "

## SUMMARY

The B00 #2 mineral claim comprises 20 metric units located some 30 km north-east of Quesnel, British Columbia and held by Barytex Resource Corporation.

The property is reportedly underlain by sedimentary and volcanic rocks of the Triassic to Jurassic aged Takla Group which is locally known to host gold bearing massive sulfide and vein deposits.

Airborne geophysical surveys conducted over the property during August, 1986 outlined a northwesterly trending zone of increased surficial electromagnetic conductivity. This zone has been interpreted as reflecting a major structural break, which may have acted as a conduit for hydrothermal mineralization.

Surface geophysical surveys conducted in June 1987 indicate the presence of a north trending VLF-EM conductive zone associated with a magnetic low in the central portion of the property and one or more VLF-EM conductive zones associated with above background soil geochemistry and a weak magnetic high near the northwest corner of the claim.

A two phase exploration program is recommended to follow up the results obtained by this year's reconnaissance surveys and to extend reconnaissance coverage over the remainder of the B00 #2 claim. Should results from the first phase warrant further exploration, road construction followed by trenching and diamond drilling is recommended.

The estimated cost of Phase I work is \$20,000 and the estimate for Phase II is \$100,000.

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## 1.0 INTRODUCTION

### 1.1 Terms of Reference

This report is based upon information obtained during the course of survey work conducted by Nevin Sadlier-Brown Goodbrand Ltd. on behalf of Barytex Resource Corporation and draws upon its findings.

The objective of these surveys was to delineate on surface, conductive zones identified on the B00 #2 claim from airborne VLF-EM surveys conducted during August, 1986 (Pezzot, 1986). This report is intended to provide a description of the survey methods, a discussion of the results and a set of recommendations for continued exploration and development work on the property.

### 1.2 Property and Ownership

The B00 #2 claim comprises twenty metric units recorded in the Cariboo Mining Division at Quesnel, B.C. February 28, 1986 under Record #7369. The claim is owned by Barytex Resource Corporation of Vancouver, B.C.

### 1.3 Location, Access and Physiography (Figure 1)

The B00 #2 claim is situated some 30 km northeast of Quesnel, British Columbia on the south side of Ahbau Creek. Its geographic centre is located at 52° 10.2' North Latitude and 122° 16.3' West Longitude on N.T.S. mapsheet 93 G/1W.

Access to the property from Quesnel is via Highway 97 for 20.5 km north of the Wells-Barkerville turnoff to Hush Lake and then east for 5 km along a rough dirt logging road to where the road has been washed out at a small creek. From this point the claim can be reached by four-wheel drive vehicle via a partially overgrown logging road which branches south, then east and then north for some 4 km to the southwest portion of the property. From here a trail has been flagged for approximately 1/2 km to the south end of the baseline of the grid used for control of the surveys discussed in this report.

The property is in gentle terrain with elevations ranging between 800 and 910 meters above sea level (2650 and 3000 feet). The general area is mantled by in excess of 30 meters of glacial derived overburden which completely obscures the underlying bedrock.

Most of the property is poorly drained and the north-western portion is partly swampland. Drainage is northward via two deeply dissected creeks originating in the east-central and south-west parts of the claim.

The forest cover is predominantly open lodgepole pine and spruce in the north half of the property and burn scar and 20 year old second growth forest in the south half.

#### **1.4 Previous Work**

With the exception of airborne magnetometer and VLF-EM surveys conducted during August 1986 (Pezzot, 1986) there are no records of previous mineral exploration or development work on the area covered by the B00 #2 claim. There is evidence of placer exploration and development work on Ahbau Creek and one of its tributaries from the south in the immediate area of the claim.

## 2.0 GEOLOGICAL SETTING

The property is situated within the Quesnel Trough, a north-west trending linear belt of early Mesozoic volcanic and sedimentary rocks deposited within a volcanic arc setting. They are believed to have been incorporated within the North American craton during the mid-Jurassic period and are fault bounded on the east and west by Carboniferous aged rocks of the Slide Mountain and Cache Creek Groups respectively.

Rocks underlying the B00 #2 property have been mapped by the Geological Survey of Canada (Struik, 1982) as upper Triassic to Jurassic aged Takla Group volcanics which are composed mainly of andesite and related sediments. Early Cretaceous aged intrusives have been mapped to the north and northwest of the property.

Block faulting is the main structural element within the Quesnel Trough. Faulting is thought to have occurred during mid to late Mesozoic times when the Quesnel Trough rocks were accreted to the North American craton and again during late Tertiary to Pleistocene times when renewed uplift and faulting occurred.

Economic mineralization in the general area of the B00 #2 property occurs as poly-metallic massive sulphide deposits (Gabriel property) and as gold bearing quartz vein deposits (Hixon Gold property).

### 3.0 GEOCHEMICAL SURVEY

#### 3.1 Survey Method

An orientation geochemical survey was conducted over portions of the grid area to determine if chemically mobile trace elements could be used to indicate the presence of economic mineralization underlying the B00 #2 claim.

Soil samples were collected from 43 locations on the survey grid established in conjunction with geophysical surveys outlined in this report. Samples were obtained from the enriched (CB) horizon at an average depth of between 10 and 20 cm. Twenty-two samples were collected at 50 meter intervals along the baseline and the remainder were collected at 50 meter intervals on grid line 4 South.

All samples were analysed for 22 trace elements by I.C.P. and for gold using A.A. and F.A. by CHEMEX LABS of North Vancouver, British Columbia. The results of soil analyses have been included in this report as Figures 3 and 4 and Appendix D (Assayer's Reports).

Statistical parameters were derived using the CSTAT utility of the GEOTRIEVE system supplied by CHEMEX LABS for on-line customers. For reporting purposes, samples with trace element concentrations greater than one standard deviation above the mean ( $b+s$ ) are above background, anomalous concentrations represent values greater than or equal to 2 standard deviations above the geometric mean ( $b+2s$ ), and values in excess of 3 standard deviations above the geometric mean ( $b+3s$ ) should be considered highly anomalous. Printouts of the statistical values and histograms of log transformed results are included as Appendix E.

### 3.2 Discussion of Results

Anomalous barium and above background copper, zinc, chromium, manganese, and iron are noted on Line 4S centered upon station 3+00W. This anomaly correlates well with weak VLF-EM conductors centered on Line 4S at stations 3+40W (Annapolis station) and 3+20W (Seattle station) and with a weak magnetic high centered at Line 4S station 2+60W-80W.

Above background barium, copper, chromium, and iron in soils are found at the west end of Line 4S (5+50W) which correlate with another weak magnetic high centered at station 5+20W.

Anomalous barium and copper as well as above background zinc, chromium, and iron occur on the baseline orientation line at station 9+50S. Trace element enrichment at this location appears to be related to an east-west cross structure which roughly parallels the eastward draining portion of the main north-south creek.

Above background zinc and iron in soils accompanies a weak magnetic high at the north end of the baseline (L1N). The lack of electromagnetic conductors in the same area and the relatively low concentrations of barium and copper in soils suggests that the source here is not highly significant.

A broad general above background halo can be inferred from soil concentrations centered around the baseline between Lines 3S and 7S.



## 4.0 MAGNETOMETER SURVEY

### 4.1 Survey Method

A magnetometer survey was carried out on the B00 #2 property in conjunction with the establishment of a chain and compass survey grid. The grid consists of 1.1 km of blazed and brushed north-south baseline with stations established at 50 meter intervals and 12.72 km of flagged east-west crosslines with stations at 20 meter intervals (500 meters east of the baseline and 560 meters west of the baseline). The grid was tied into claim post ON+4W by chain and compass from grid station LO-5+60W.

Total field magnetic flux readings were taken in gammas at 20 meter stations on all east-west grid lines using a McPhar model GP-81 proton magnetometer (Serial # 820211).

Readings were obtained at 100 meter intervals along the baseline, looped and corrected, to establish base values for the correction of diurnal variation. Corrected magnetic data have been plotted and contoured relative to the average of 639 readings at 50 gamma intervals as Figure 5.

### 4.1 Discussion of Results

Two north trending magnetic features can be inferred from an examination of Figure 5. The most striking feature is a negative 50 to 100 gamma magnetic low which extends along the trace of the creek near the east edge of the grid area. This magnetic low correlates well with a VLF-EM conductor shown best on Figure 7 (Seattle transmitter).

The other feature is a narrow, weak, positive magnetic trend extending northward from Line 9S station 4+60W to Line 0N station 4+80W. Sporadic discontinuous VLF-EM conductors on both the Seattle and Annapolis profiles occur toward the north end of the magnetic trend.

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## 5.0 VLF-EM SURVEYS

### 5.1 Survey Method

VLF-EM surveys were carried out in conjunction with the establishment of 13.72 km of chain and compass grid. Dip angle and field strength readings were taken at 20 meter intervals on all east-west grid lines for the Seattle (18.6 KHz) and Annapolis (21.4 KHz) transmitter stations using a Sabre model 27 VLF-EM receiver. Two stations were chosen for this survey because the original conductors were identified on the Annapolis station during the airborne survey and because the Seattle station was best suited to exploration for northsouth structures and an eastwest grid pattern.

All data has been Fraser filtered, which normalizes topographic effects of the dip angle readings by approximating the first derivative.

Filtered dip angle data and field strength readings have been plotted as profiles on the grid map as Figures 6 (Annapolis) and 7 (Seattle).

### 5.2 Discussion of Results

The strongest EM response was obtained using the Seattle transmitting station (Figure 7). Two fairly strong conductive zones can be interpreted from the Seattle profiles. The most striking of these parallels the trace of a deeply incised creek along the east and southeast edge of the grid area. The shape of the profiles along this structure suggest that the conductor dips steeply to the east.

Near the northwest edge of the grid area a strong conductor can be traced on Figure 7 between grid locations LON-5+00W and L2S-4+50W. The shape of the profile suggests that the source of this anomaly is at an approximate depth of 40 to 50 meters (150 feet).

A shallow conductor can be observed on Figure 7 centered at grid location LIS-3+20W. the depth indicated here is likely on the order of 10 meters (30 feet).

## 6.0 CONCLUSIONS AND RECOMMENDATIONS FOR FURTHER WORK

VLF-EM conductor(s) and a weak magnetic high located in the northwest corner of the grid area (Target A) should be considered the top exploration priority followed by the strong VLF-EM conductor and coincident magnetic low along the east edge of the grid (Target B). A third target is a shallow, isolated VLF-EM conductor located at L1S-3+20W (Target C).

Coincident high background and anomalous concentrations of copper, zinc, barium, chromium and manganese in soils from two orientation survey lines suggest the presence of poly-metallic mineralization often seen associated with exhalative massive sulfide deposits.

Target A in the northwest corner of the grid is prioritized for three reasons. The first is that the conductors and the magnetic high, while paralleling the trace of a shallow creek, are located slightly west of the creek, indicating that neither survey was affected by topography. The second factor is that the strength of the conductors implies a depth of approximately 50 meters, which is the likely the depth of the glacial overburden underlying the B00 #2 claim. The third factor is the apparent zone of higher background trace element concentrations near the west end of grid line L4S.

Target B, the strong VLF-EM conductor and the coincident magnetic low which follow the trace of a deeply incised creek along the east and southeast edges of the grid, may be indicative of a steep easterly dipping fault, with the fractured fault-bound rock being leached of magnetic materials through groundwater interaction.

- 11 -

Target C may represent a clay layer in the glacial overburden, but because it is inferred to be relatively shallow (10 meters), this area should be included in the detailed follow-up grid area.

In order to better understand the nature of the electromagnetic conductors and magnetic anomalies encountered by the suveys described in this report, the entire grid area should be sampled for soil geochemistry. Detailed geochemical and geophysical surveys (consisting of magnetometer and VLF-EM surveys) at 20 meter stations on east-west lines spaced at 50 meter intervals should be conducted over the target areas in the northwest corner of the current grid area.

An estimate of the costs of carrying out the above recommendation is to the order of \$20,000 broken down as follows:

Detailed geochemical & geophysical surveys	\$ 6,000.00
Analyses	2,500.00
Transportation	1,500.00
Food and accomodation	1,500.00
Field supplies and equipment rental	1,500.00
Administration, supervision, compliance	2,000.00
Reporting and evaluation	<u>5,000.00</u>
<b>TOTAL</b>	<b>\$ 20,000.00</b>

Contingent upon results of this work, continued exploration including drilling and trenching and additional reconnaissance scale geochemical and geophysical surveys may be warranted. It is therefore recommended that provision be made for additional expenditures to the order of \$100,000 on these activities.

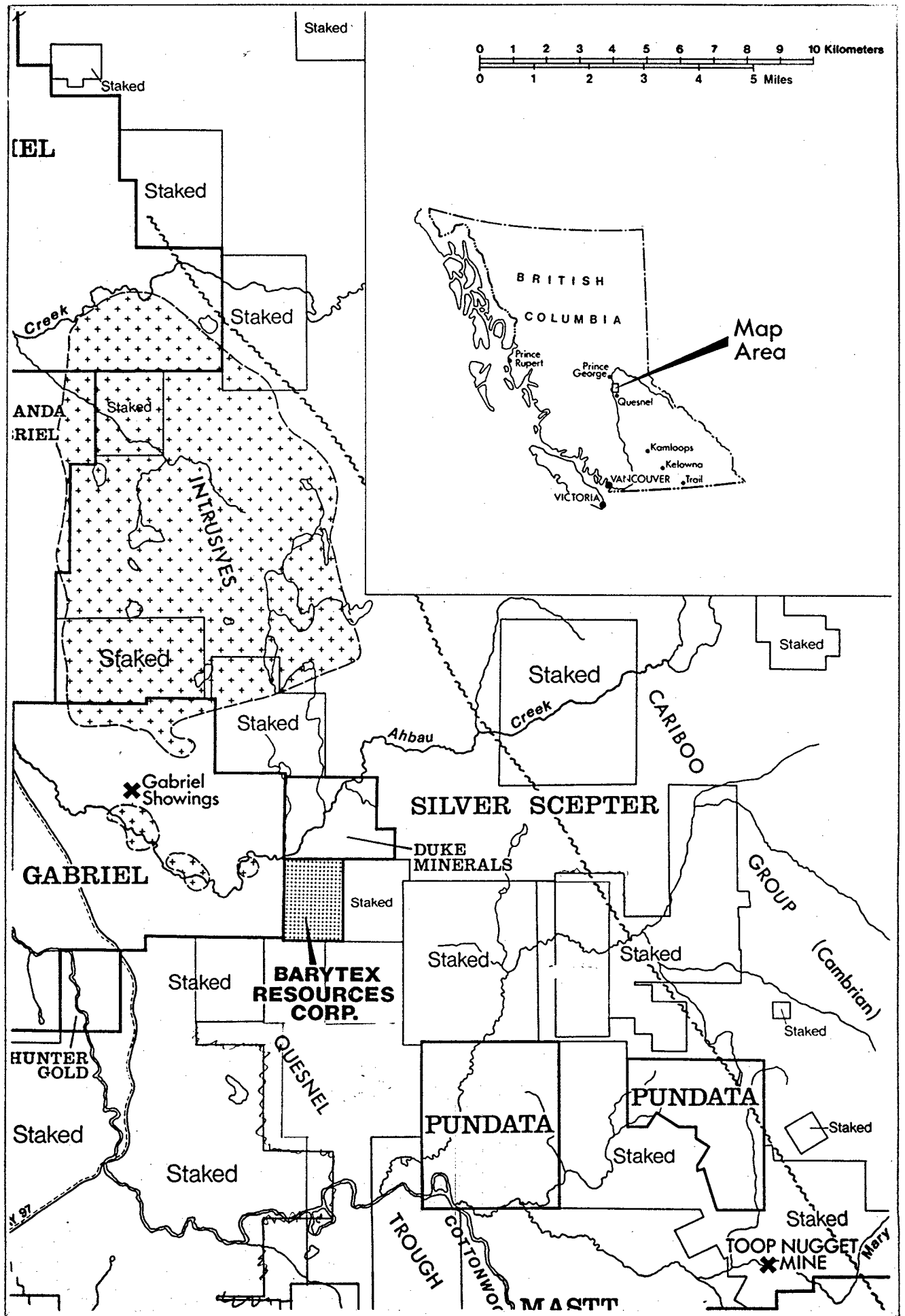


Figure 1 Claim Location Map

**APPENDIX A**  
**REFERENCES**

Publications and reports, public and private, available to the writer and containing information pertinent to the property area and subject of this report are as follows:

**Barr, D.A. (1980)**

Gold in the Canadian Cordillera, CIM Bulletin, June 1980, p59-76

**Holcepek, F. (1986)**

Report on the B00 #2 Mineral Claim, Cariboo Mining Division, British Columbia for Barytex Resource Corporation, March 24, 1986

**Pezzot, E.T. (1986)**

Geophysical Report on an Airborne VLF-Electromagnetometer and Magnetometer Survey, B00 #2 Claim, Cariboo Mining Division for Barytex Resource Corporation, September 17, 1986

**Pezzot, E.T. (1987)**

Personal communication on the results VLF-EM surveys conducted on the B00 #2 claim, September 3, 1987

**Rose, A.W., et al. (1979)**

Geochemistry in Mineral Exploration (2nd Edition), Academic Press, 657p

**Tipper, H.W. (1974)**

Geology of the Parsnip River Map-Area, G.S.C. Map 1424A

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**APPENDIX B**  
**SUMMARY OF EXPENDITURES; BOO 2 CLAIM**

Work carried out June 12-30, July, August and September, 1987

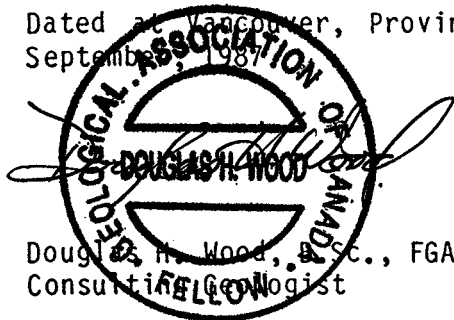
Geochemical and Geophysical Survey	
Labour & Fees - D. Wood	\$ 3,515.00
- G. McKenzie	2,750.00
- T. Sadlier-Brown	104.00
- D. Fennings	450.00
Meals & Accommodation	862.55
Field Supplies, Maps, etc.	82.40
Instrument & Equipment Rentals	1,101.00
Assays & Analyses	623.50
Transportation	<u>1,085.37</u>
SUB TOTAL	10,673.82
Administration	
Fees & Labour - D. Wood	2,000.00
- T. Sadlier-Brown	500.00
- J. Renwick	200.00
- N. Sunderbruch	9.00
Drafting/Printing/Word Processor	700.00
Communications	<u>144.03</u>
SUB TOTAL	<u>3,553.03</u>
TOTAL COSTS	\$14,226.85

APPENDIX C  
CERTIFICATE OF QUALIFICATIONS

I, Douglas Harold Wood, of the city of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with the firm of Nevin Sadlier-Brown-Goodbrand Ltd. with offices at 401-134 Abbott Street, Vancouver, B.C. V6B 2K4
2. I am a graduate of the University of British Columbia, where I received the degree of Bachelor of Science in Geology in May 1981 and completed one year of post graduate studies in May 1982.
3. I am an Fellow in good standing of the Geological Association of Canada.
4. I have worked continuously as a Geologist from May 1982 to present on numerous projects throughout Canada and the western United States.
5. This report, dated September 10, 1987, is based on field examinations made by myself between June 17 and 24, 1987, and a study of available public and private data and reports pertaining to the area.
6. I have no interest contingent or otherwise in the B00 #2 property nor in the securities of Barytex Resource Corporation.

Dated at Vancouver, Province of British Columbia, this 30 day of September, 1987

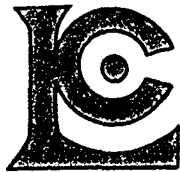


APPENDIX D  
ASSAYER'S REPORT

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# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEVIN SADLIER-BROWN GOODBRAND LTD.,

401 - 134 ABBOTT ST.  
VANCOUVER, B.C.  
V6B 2K4

Project :

Comments: ATTN: DOUG WOOD

\*Page No. : 1-A

Tot. Pages: 2

Date : 23-JUL-87

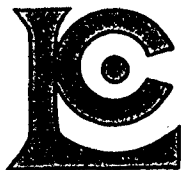
Invoice # : I-8717690

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8717690

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BO02 BL 0+50N	201 238	< 5	2.22	< 0.2	< 5	80	< 0.5	< 2	0.28	< 0.5	6	54	11	3.43	< 10	< 1	0.05	10	0.25	158
BO02 BL 1+00N	201 238	< 5	2.60	< 0.2	< 5	150	< 0.5	< 2	0.25	< 0.5	6	44	12	3.14	< 10	< 1	0.05	10	0.27	288
BO02 BL 0+50S	201 238	< 5	1.11	< 0.2	< 5	100	< 0.5	< 2	0.26	< 0.5	6	27	11	1.50	< 10	2	0.05	10	0.28	207
BO02 BL 1+00S	201 238	< 5	1.06	< 0.2	< 5	80	< 0.5	< 2	0.28	< 0.5	6	23	10	1.29	< 10	< 1	0.04	10	0.25	121
BO02 BL 1+50S	201 238	< 5	1.13	< 0.2	< 5	90	< 0.5	< 2	0.23	< 0.5	< 1	27	10	1.74	< 10	< 1	0.04	10	0.16	107
BO02 BL 2+00S	201 238	< 5	1.69	< 0.2	5	110	< 0.5	< 2	0.36	< 0.5	7	41	17	1.79	< 10	< 1	0.09	20	0.45	303
BO02 BL 2+50S	201 238	< 5	2.20	< 0.2	10	130	< 0.5	< 2	0.36	< 0.5	8	51	21	2.19	< 10	2	0.15	20	0.57	233
BO02 BL 3+00S	201 238	< 5	1.91	< 0.2	5	120	< 0.5	< 2	0.39	< 0.5	7	47	18	1.96	< 10	< 1	0.12	20	0.50	256
BO02 BL 3+50S	201 238	< 5	2.71	< 0.2	10	170	0.5	< 2	0.37	< 0.5	12	61	27	2.42	< 10	< 1	0.14	20	0.58	640
BO02 BL 4+00S	201 238	< 5	2.59	< 0.2	< 5	190	0.5	< 2	0.35	0.5	12	57	29	2.62	< 10	< 1	0.13	20	0.55	732
BO02 BL 4+50S	201 238	< 5	0.98	< 0.2	< 5	70	< 0.5	< 2	0.33	< 0.5	< 1	28	9	1.19	< 10	< 1	0.05	20	0.31	165
BO02 BL 5+00S	201 238	< 5	3.59	< 0.2	< 5	210	0.5	2	0.32	< 0.5	11	70	38	3.20	< 10	< 1	0.18	10	0.71	396
BO02 BL 5+50S	201 238	< 5	1.62	< 0.2	< 5	110	< 0.5	< 2	0.35	0.5	7	39	15	1.65	< 10	< 1	0.08	20	0.41	287
BO02 BL 6+00S	201 238	< 5	3.57	< 0.2	< 5	240	< 0.5	2	0.36	< 0.5	10	77	42	3.66	< 10	1	0.21	20	0.68	677
BO02 BL 6+50S	201 238	< 5	2.36	< 0.2	10	140	< 0.5	2	0.40	< 0.5	9	50	20	2.10	< 10	1	0.14	20	0.55	221
BO02 BL 7+00S	201 238	< 5	3.20	< 0.2	< 5	200	0.5	2	0.35	< 0.5	12	63	28	2.68	< 10	< 1	0.19	20	0.62	512
BO02 BL 7+50S	201 238	< 5	1.89	< 0.2	< 5	110	< 0.5	< 2	0.40	< 0.5	8	46	23	2.11	< 10	< 1	0.14	20	0.48	211
BO02 BL 8+00S	201 238	< 5	2.16	< 0.2	< 5	140	< 0.5	< 2	0.36	< 0.5	9	44	18	1.77	< 10	< 1	0.13	20	0.41	200
BO02 BL 8+50S	201 238	< 5	1.93	< 0.2	< 5	120	< 0.5	< 2	0.39	< 0.5	8	43	16	1.71	< 10	1	0.11	20	0.48	213
BO02 BL 9+00S	201 238	< 5	2.12	< 0.2	< 5	140	< 0.5	< 2	0.41	< 0.5	11	52	17	1.95	< 10	< 1	0.12	20	0.56	327
BO02 BL 9+50S	201 238	< 5	4.62	< 0.2	< 5	300	2.0	< 2	0.42	0.5	20	83	71	3.71	< 10	2	0.23	20	0.71	691
BO02 BL 10+00S	201 238	< 5	3.39	< 0.2	< 5	170	0.5	2	0.36	< 0.5	12	66	32	2.59	< 10	< 1	0.19	20	0.62	289
BO02 L4S 0+50E	201 238	< 5	1.48	< 0.2	< 5	100	< 0.5	4	0.43	< 0.5	8	34	11	1.51	< 10	< 1	0.09	20	0.41	231
BO02 L4S 1+00E	201 238	< 5	1.48	< 0.2	5	90	< 0.5	< 2	0.30	< 0.5	7	32	16	1.47	< 10	1	0.10	10	0.32	222
BO02 L4S 1+50E	201 238	< 5	0.68	< 0.2	< 5	40	< 0.5	< 2	0.23	< 0.5	1	18	5	0.85	< 10	1	0.04	10	0.10	73
BO02 L4S 2+00E	201 238	< 5	1.87	< 0.2	< 5	160	< 0.5	< 2	0.30	< 0.5	7	46	13	2.79	< 10	< 1	0.08	10	0.31	478
BO02 L4S 2+50E	201 238	< 5	2.63	< 0.2	< 5	100	0.5	< 2	0.25	< 0.5	8	47	13	3.30	< 10	1	0.06	10	0.30	216
BO02 L4S 3+00E	201 238	20	3.18	< 0.2	< 5	100	1.5	< 2	0.26	< 0.5	7	60	13	3.98	< 10	< 1	0.07	10	0.32	188
BO02 L4S 3+50E	201 238	< 5	1.83	< 0.2	< 5	110	< 0.5	< 2	0.33	< 0.5	8	41	15	2.56	< 10	3	0.08	10	0.38	210
BO02 L4S 4+00E	201 238	< 5	1.22	< 0.2	10	80	< 0.5	< 2	0.40	< 0.5	6	34	10	1.62	< 10	< 1	0.08	20	0.30	171
BO02 L4S 4+50E	201 238	< 5	2.54	< 0.2	10	100	1.0	< 2	0.28	< 0.5	9	49	15	3.44	< 10	< 1	0.07	10	0.32	333
BO02 L4S 5+00E	201 238	< 5	1.58	< 0.2	< 5	70	< 0.5	< 2	0.29	< 0.5	7	34	13	1.44	< 10	< 1	0.07	10	0.33	154
BO02 L4S 0+50W	201 238	< 5	1.29	< 0.2	< 5	70	< 0.5	< 2	0.32	< 0.5	7	33	10	1.43	< 10	< 1	0.07	20	0.39	190
BO02 L4S 1+00W	201 238	< 5	1.51	< 0.2	< 5	90	< 0.5	< 2	0.30	< 0.5	7	35	15	1.73	< 10	< 1	0.07	20	0.40	208
BO02 L4S 1+50W	201 238	5	1.33	< 0.2	< 5	70	< 0.5	< 2	0.34	< 0.5	7	34	13	1.58	< 10	< 1	0.07	20	0.42	182
BO02 L4S 2+00W	201 238	< 5	1.24	< 0.2	< 5	70	< 0.5	< 2	0.31	< 0.5	6	28	11	1.25	< 10	1	0.07	20	0.29	164
BO02 L4S 2+50W	201 238	< 5	2.66	< 0.2	10	170	0.5	< 2	0.41	< 0.5	12	59	26	2.53	< 10	4	0.17	20	0.64	495
BO02 L4S 3+00W	201 238	< 5	4.07	0.2	10	300	1.0	< 2	0.33	< 0.5	33	83	45	3.84	< 10	1	0.22	20	0.67	997
BO02 L4S 3+50W	201 238	< 5	2.18	< 0.2	< 5	120	< 0.5	< 2	0.42	< 0.5	10	46	19	2.27	< 10	< 1	0.12	20	0.53	277
BO02 L4S 4+00W	201 238	< 5	1.61	< 0.2	< 5	80	< 0.5	< 2	0.38	< 0.5	9	40	15	1.84	< 10	< 1	0.10	20	0.49	260

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: NEVIN SADLIER-BROWN GOODBRAND LTD.,

401 - 134 ABBOTT ST.  
VANCOUVER, B.C.  
V6B 2K4

Project:

Comments: ATTN: DOUG WOOD

\*Page No. : 2-A

Tot. Pages: 2

Date : 23-JUL-87

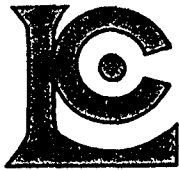
Invoice # : I-8717690

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8717690

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
B002 L4S 4+50W	201	238	< 5	1.01	< 0.2	< 5	100	< 0.5	< 2	0.50	< 0.5	4	24	7	1.21	< 10	< 1	0.08	20	0.21	136
B002 L4S 5+00W	201	238	< 5	2.87	< 0.2	< 5	190	0.5	< 2	0.40	< 0.5	12	61	36	2.78	< 10	2	0.14	20	0.61	327
B002 L4S 5+50W	201	238	< 5	3.89	< 0.2	< 5	210	< 0.5	< 2	0.39	0.5	11	76	41	3.68	< 10	< 1	0.22	20	0.65	314

CERTIFICATION :



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Project :

Comments: ATTN: DOUG WOOD

\*Page No. : 1-B

Tot. Pages: 2

Date : 23-JUL-87

Invoice # : I-8717690

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8717690

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BO02 BL 0+50N	201 238	< 1	0.01	13	2300	< 2	< 5	10	22	0.13	< 10	< 10	85	< 5	58
BO02 BL 1+00N	201 238	< 1	0.01	14	2680	< 2	< 5	< 10	20	0.14	< 10	< 10	80	< 5	99
BO02 BL 0+50S	201 238	< 1	0.01	11	280	< 2	< 5	< 10	24	0.12	< 10	< 10	44	< 5	46
BO02 BL 1+00S	201 238	< 1	< 0.01	12	330	2	< 5	< 10	23	0.10	< 10	< 10	35	< 5	65
BO02 BL 1+50S	201 238	< 1	< 0.01	7	770	4	< 5	< 10	25	0.12	< 10	< 10	48	< 5	44
BO02 BL 2+00S	201 238	< 1	0.01	18	400	< 2	< 5	< 10	33	0.14	< 10	< 10	48	< 5	54
BO02 BL 2+50S	201 238	< 1	0.01	27	470	< 2	< 5	< 10	33	0.14	< 10	< 10	53	< 5	72
BO02 BL 3+00S	201 238	< 1	0.01	21	480	2	< 5	< 10	33	0.15	< 10	< 10	52	< 5	59
BO02 BL 3+50S	201 238	< 1	0.01	28	670	< 2	< 5	< 10	38	0.13	< 10	< 10	54	< 5	82
BO02 BL 4+00S	201 238	< 1	0.01	27	610	< 2	< 5	< 10	38	0.11	< 10	< 10	58	< 5	81
BO02 BL 4+50S	201 238	< 1	0.01	11	260	< 2	< 5	< 10	28	0.12	< 10	< 10	36	< 5	30
BO02 BL 5+00S	201 238	< 1	0.01	39	720	< 2	< 5	< 10	37	0.11	< 10	< 10	60	< 5	105
BO02 BL 5+50S	201 238	< 1	0.01	15	340	< 2	< 5	< 10	34	0.13	< 10	< 10	45	< 5	48
BO02 BL 6+00S	201 238	< 1	0.02	38	610	< 2	< 5	< 10	42	0.14	< 10	< 10	77	< 5	105
BO02 BL 6+50S	201 238	< 1	0.01	25	460	< 2	< 5	< 10	35	0.14	< 10	< 10	50	< 5	63
BO02 BL 7+00S	201 238	< 1	0.01	29	600	< 2	< 5	< 10	35	0.13	< 10	< 10	60	< 5	84
BO02 BL 7+50S	201 238	< 1	0.01	23	450	< 2	< 5	< 10	33	0.12	< 10	< 10	51	< 5	39
BO02 BL 8+00S	201 238	< 1	0.01	19	450	< 2	< 5	< 10	34	0.12	< 10	< 10	46	< 5	49
BO02 BL 8+50S	201 238	< 1	0.01	19	390	< 2	< 5	< 10	34	0.14	< 10	< 10	46	< 5	54
BO02 BL 9+00S	201 238	< 1	0.01	23	350	< 2	< 5	< 10	36	0.14	< 10	< 10	51	< 5	65
BO02 BL 9+50S	201 238	< 1	0.01	54	1100	< 2	< 5	20	47	0.09	< 10	< 10	64	< 5	117
BO02 BL 10+00S	201 238	< 1	0.01	32	590	< 2	< 5	< 10	35	0.13	< 10	< 10	54	< 5	80
BO02 L4S 0+50E	201 238	< 1	0.01	19	390	< 2	< 5	< 10	32	0.14	< 10	< 10	43	< 5	63
BO02 L4S 1+00E	201 238	< 1	0.01	16	390	< 2	< 5	10	26	0.11	< 10	< 10	39	< 5	37
BO02 L4S 1+50E	201 238	< 1	0.01	5	110	< 2	< 5	< 10	20	0.10	< 10	< 10	34	< 5	20
BO02 L4S 2+00E	201 238	< 1	0.01	11	1870	< 2	< 5	10	24	0.17	< 10	< 10	81	< 5	80
BO02 L4S 2+50E	201 238	< 1	0.01	17	2350	< 2	< 5	10	19	0.14	< 10	< 10	82	< 5	76
BO02 L4S 3+00E	201 238	< 1	0.01	16	2870	< 2	< 5	< 10	21	0.19	< 10	< 10	106	< 5	76
BO02 L4S 3+50E	201 238	< 1	0.01	21	1510	< 2	< 5	10	26	0.11	< 10	< 10	64	< 5	50
BO02 L4S 4+00E	201 238	1	0.01	15	640	< 2	< 5	< 10	33	0.12	< 10	< 10	46	< 5	35
BO02 L4S 4+50E	201 238	< 1	0.01	18	2480	< 2	< 5	< 10	20	0.13	< 10	< 10	84	< 5	78
BO02 L4S 5+00E	201 238	< 1	0.01	16	280	< 2	< 5	< 10	18	0.10	< 10	< 10	36	< 5	46
BO02 L4S 0+50W	201 238	1	0.01	15	240	< 2	< 5	< 10	25	0.12	< 10	< 10	39	< 5	40
BO02 L4S 1+00W	201 238	< 1	0.01	18	360	< 2	< 5	< 10	24	0.11	< 10	< 10	42	< 5	50
BO02 L4S 1+50W	201 238	< 1	0.01	17	370	< 2	< 5	< 10	24	0.11	< 10	< 10	42	< 5	41
BO02 L4S 2+00W	201 238	< 1	0.01	14	220	< 2	< 5	< 10	28	0.12	< 10	< 10	37	< 5	36
BO02 L4S 2+50W	201 238	< 1	0.01	31	530	< 2	< 5	< 10	40	0.13	< 10	< 10	59	< 5	79
BO02 L4S 3+00W	201 238	< 1	0.01	46	1450	< 2	< 5	< 10	42	0.12	< 10	< 10	78	< 5	104
BO02 L4S 3+50W	201 238	< 1	0.01	24	710	< 2	< 5	< 10	35	0.13	< 10	< 10	55	< 5	71
BO02 L4S 4+00W	201 238	< 1	0.01	19	470	< 2	< 5	< 10	30	0.13	< 10	< 10	49	< 5	48

CERTIFICATION :



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

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VANCOUVER, B.C.  
V6B 2K4

Project :

Comments: ATTN: DOUG WOOD

\*Page No. : 2-B

Tot. Pages: 2

Date : 23-JUL-87

Invoice # : I-8717690

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8717690

SAMPLE DESCRIPTION	PREP CODE		Mb	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
B002 L4S 4+50W	201	238	< 1	0.01	9	450	< 2	< 5	< 10	46	0.12	< 10	< 10	40	< 5	48
B002 L4S 5+00W	201	238	< 1	0.01	32	660	< 2	< 5	< 10	41	0.11	< 10	< 10	59	< 5	74
B002 L4S 5+50W	201	238	< 1	0.01	40	900	< 2	< 5	< 10	40	0.11	< 10	< 10	65	< 5	76

CERTIFICATION :

APPENDIX E  
STATISTICAL WORKSHEETS

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1Correlation matrix: ( 99.0 - undefined )  
[Number of samples Per variable Pair]

	logba	logcr	logcu	logfe	logmn	logzn
0 logba	1.000	0.865	0.896	0.743	0.870	0.856
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						
0 logcr	0.865	1.000	0.891	0.893	0.816	0.826
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						
0 logcu	0.896	0.891	1.000	0.699	0.820	0.734
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						
0 logfe	0.743	0.893	0.699	1.000	0.681	0.843
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						
0 logmn	0.870	0.816	0.820	0.681	1.000	0.778
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						
0 logzn	0.856	0.826	0.734	0.843	0.778	1.000
[ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ] [ 43 ]						

note: Best correlation is +/- 1.00

Var : LOG BA Col# 1  
 D.Limit : 0.0000 [\*]= 0.3% of Total  
 PERCENT OF TOTAL SAMPLES

	10.0	20.0	PERC
	+ #OCCU.		
		0	0.0
1.60+ *****		1	2.3
1.64+		0	0.0
1.68+		0	0.0
1.72+		0	0.0
1.75+		0	0.0
1.79+		0	0.0
1.83+ *****		5	11.6
1.87+ *****		4	9.3
1.91+		0	0.0
1.94+ *****		3	7.0
1.98+ *****		6	14.0
2.02+ *****		4	9.3
2.06+ *****		3	7.0
2.10+ *****		1	2.3
2.13+ *****		3	7.0
2.17+ *****		2	4.7
2.21+ *****		3	7.0
2.25+ *****		2	4.7
2.29+ *****		3	7.0
2.32+		0	0.0
2.36+ *****		1	2.3
2.40+		0	0.0
2.44+		0	0.0
2.48+ *****		2	4.7
		+ #OCCU.	PERC
	10.0	20.0	
PERCENT OF TOTAL SAMPLES			

VARIABLE : LOG BA  
COLUMN NUMBER : 1  
0  
DETECTION LIMIT : 0.0000

0  
NUMBER OF OBSERVATIONS : 43  
MINIMUM : 1.602  
MAXIMUM : 2.477  
0  
MEAN : 2.074 = 119 ppm  
STANDARD ERROR OF MEAN : 0.029  
STANDARD DEVIATION : 0.188  
COEFFICIENT OF VARIATION : 9.044  
0  
SKEWNESS : 0.155  
KURTOSIS : -0.269

b = 119 ppm  
b+s = 183 ppm  
b+2s = 282 ppm  
b+3s = 435 ppm

Var : LOG CR Col# 2  
 D.Limit : 0.0000 [\*] = 0.3% of Total  
 PERCENT OF TOTAL SAMPLES

10.0

20.0

	+#OCU.	PERC
	0	0.0
1.26+ *****	1	2.3
1.28+	0	0.0
1.31+	0	0.0
1.34+ *****	1	2.3
1.37+ *****	1	2.3
1.40+	0	0.0
1.43+ *****	4	9.3
1.46+	0	0.0
1.49+ *****	1	2.3
1.52+ *****	5	11.6
1.54+ *****	1	2.3
1.57+ *****	1	2.3
1.60+ *****	3	7.0
1.63+ *****	3	7.0
1.66+ *****	5	11.6
1.69+ *****	4	9.3
1.72+ *****	1	2.3
1.75+ *****	2	4.7
1.77+ *****	4	9.3
1.80+ *****	1	2.3
1.83+ *****	1	2.3
1.86+ *****	2	4.7
1.89+	0	0.0
1.92+ *****	2	4.7

10.0

20.0

PERCENT OF TOTAL SAMPLES

VARIABLE : LOG CR  
COLUMN NUMBER : 2

DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 43  
MINIMUM : 1.255  
MAXIMUM : 1.919  
MEAN : 1.642 = 44 ppm  
STANDARD ERROR OF MEAN : 0.024  
STANDARD DEVIATION : 0.158  
COEFFICIENT OF VARIATION : 9.599  
SKEWNESS : -0.238  
KURTOSIS : -0.549

b = 44 ppm  
b+s = 63 ppm  
b+2s = 91 ppm  
b+3s = 131 ppm

Var : LOG CU Col# 3  
 D.Limit : 0.0000 [\*]= 0.3% of Total  
 PERCENT OF TOTAL SAMPLES  
 10.0

20.0  
 +#OCCU. PERC

Bin Range	Count	Percentage
0.70+	0	0.0
0.75+	1	2.3
0.80+	0	0.0
0.85+	1	2.3
0.90+	0	0.0
0.95+	0	0.0
1.00+	1	2.3
1.05+	8	18.6
1.10+	1	2.3
1.15+	5	11.6
1.20+	5	11.6
1.25+	4	9.3
1.30+	3	7.0
1.35+	2	4.7
1.40+	1	2.3
1.45+	3	7.0
1.50+	1	2.3
1.55+	1	2.3
1.60+	2	4.7
1.65+	2	4.7
1.70+	1	2.3
1.75+	0	0.0
1.80+	0	0.0
1.85+	0	0.0

10.0 20.0  
 +#OCCU. PERC

PERCENT OF TOTAL SAMPLES

VARIABLE : LOG CU  
COLUMN NUMBER : 3

DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 43  
MINIMUM : 0.699  
MAXIMUM : 1.851  
MEAN : 1.232 = 17 ppm  
STANDARD ERROR OF MEAN : 0.036  
STANDARD DEVIATION : 0.236  
COEFFICIENT OF VARIATION : 19.189  
SKEWNESS : 0.427  
KURTOSIS : -0.097

b = 17 ppm  
b+s = 29 ppm  
b+2s = 51 ppm  
b+3s = 87 ppm

Var : LOG FE Col# 4  
 D.Limit : 0.0000 [\*]= 0.3% of Total  
 PERCENT OF TOTAL SAMPLES

10.0

20.0

	+#OCCU.	PERC
-0.07+	0	0.0
*****	1	2.3
-0.04+	0	0.0
-0.01+	0	0.0
0.02+	0	0.0
0.05+	0	0.0
0.08+	3	7.0
*****	1	2.3
0.10+	2	4.7
*****	3	7.0
0.13+	3	7.0
*****	3	7.0
0.16+	4	9.3
*****	2	4.7
0.19+	2	4.7
*****	2	4.7
0.22+	2	4.7
*****	2	4.7
0.25+	2	4.7
*****	4	9.3
0.28+	3	7.0
*****	0	0.0
0.31+	2	4.7
*****	2	4.7
0.34+	1	2.3
*****	4	9.3
0.37+	3	7.0
*****	0	0.0
0.40+	2	4.7
*****	3	7.0
0.42+	3	7.0
*****	1	2.3
0.45+	1	2.3
*****	2	4.7
0.48+	3	7.0
*****	3	7.0
0.51+	1	2.3
*****	1	2.3
0.54+	1	2.3
*****	1	2.3
0.57+	1	2.3
*****	1	2.3
0.60+	1	2.3

10.0

20.0

PERCENT OF TOTAL SAMPLES



VARIABLE : LOG FE  
COLUMN NUMBER : 4

DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 43  
MINIMUM : -0.071  
MAXIMUM : 0.600

MEAN : 0.325 = 2.11%  
STANDARD ERROR OF MEAN : 0.025  
STANDARD DEVIATION : 0.166  
COEFFICIENT OF VARIATION : 51.136

SKEWNESS : -0.086  
KURTOSIS : -0.897

b = 2.11%  
b+s = 3.10%  
b+2s = 4.54%  
b+3s = 6.65%

Var : LOG MN Col# 5  
 D.Limit : 0.0000 [\*]= 0.3% of Total  
 PERCENT OF TOTAL SAMPLES

10.0

20.0

	+ #OCCU.	PERC
1.86+ *****	0	0.0
1.91+ *****	1	2.3
1.96+ *****	0	0.0
2.01+ *****	0	0.0
2.06+ *****	1	2.3
2.11+ *****	1	2.3
2.16+ *****	1	2.3
2.21+ *****	2	4.7
2.26+ *****	3	7.0
2.31+ *****	4	9.3
2.36+ *****	8	18.6
2.41+ *****	2	4.7
2.46+ *****	3	7.0
2.51+ *****	5	11.6
2.55+ *****	3	7.0
2.60+ *****	1	2.3
2.65+ *****	0	0.0
2.70+ *****	2	4.7
2.75+ *****	1	2.3
2.80+ *****	0	0.0
2.85+ *****	3	7.0
2.90+ *****	1	2.3
2.95+ *****	0	0.0
3.00+ *****	0	0.0
3.00+ *****	1	2.3

10.0

+ #OCCU. PERC  
20.0

PERCENT OF TOTAL SAMPLES

VARIABLE : LOG MN  
COLUMN NUMBER : 5

0  
DETECTION LIMIT : 0.0000

0  
NUMBER OF OBSERVATIONS : 43  
MINIMUM : 1.863  
MAXIMUM : 2.999

0  
MEAN : 2.415 = 260 ppm  
STANDARD ERROR OF MEAN : 0.036  
STANDARD DEVIATION : 0.237  
COEFFICIENT OF VARIATION : 9.815

0  
SKEWNESS : 0.405  
KURTOSIS : 0.000

b = 260 ppm  
b+s = 449 ppm  
b+2s = 774 ppm  
b+3s = 1337 ppm

Var : LOG ZN Col# 6  
 D.Limit : 0.0000 [\*]= 0.3% of Total

PERCENT OF TOTAL SAMPLES

10.0

20.0

	+ #OCCU.	PERC
1.30+	0	0.0
*****	1	2.3
1.33+	0	0.0
1.37+	0	0.0
1.40+	0	0.0
1.43+	0	0.0
1.47+	1	2.3
*****	1	2.3
1.50+	0	0.0
1.53+	2	4.7
*****	2	4.7
1.57+	2	4.7
*****	2	4.7
1.60+	2	4.7
*****	2	4.7
1.63+	3	7.0
*****	3	7.0
1.67+	6	14.0
*****	6	14.0
1.70+	2	4.7
*****	2	4.7
1.73+	1	2.3
*****	1	2.3
1.77+	3	7.0
*****	3	7.0
1.80+	2	4.7
*****	2	4.7
1.83+	2	4.7
*****	2	4.7
1.87+	6	14.0
*****	6	14.0
1.90+	5	11.6
*****	5	11.6
1.93+	0	0.0
1.97+	1	2.3
*****	1	2.3
2.00+	3	7.0
*****	3	7.0
2.03+	0	0.0
2.07+	1	2.3
*****	1	2.3

10.0

20.0

PERCENT OF TOTAL SAMPLES

VARIABLE : LOG ZN  
COLUMN NUMBER : 6

DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 43  
MINIMUM : 1.301  
MAXIMUM : 2.068

MEAN : 1.774 = 59 ppm  
STANDARD ERROR OF MEAN : 0.025  
STANDARD DEVIATION : 0.164  
COEFFICIENT OF VARIATION : 9.261

SKEWNESS : -0.435  
KURTOSIS : -0.070

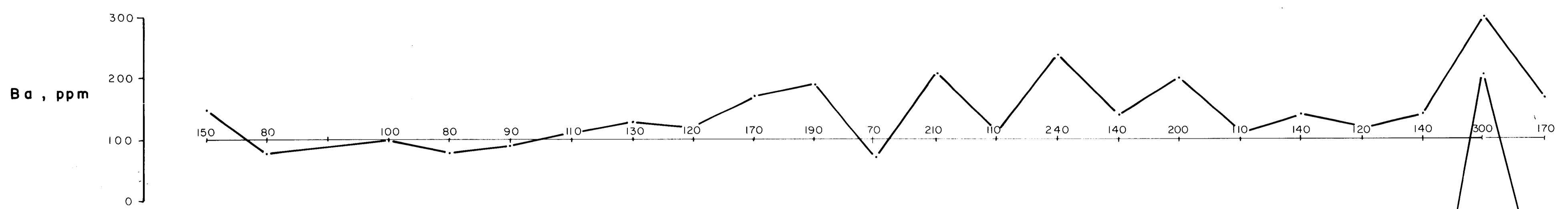
b = 59 ppm

b+s = 87 ppm

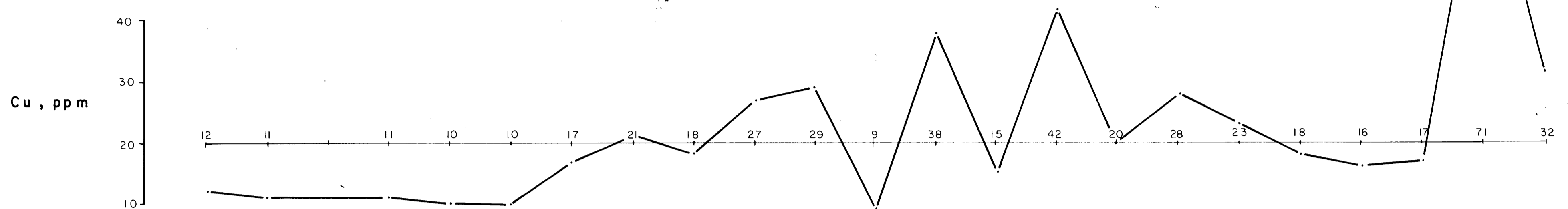
b+2s = 126 ppm

b+3s = 185 ppm

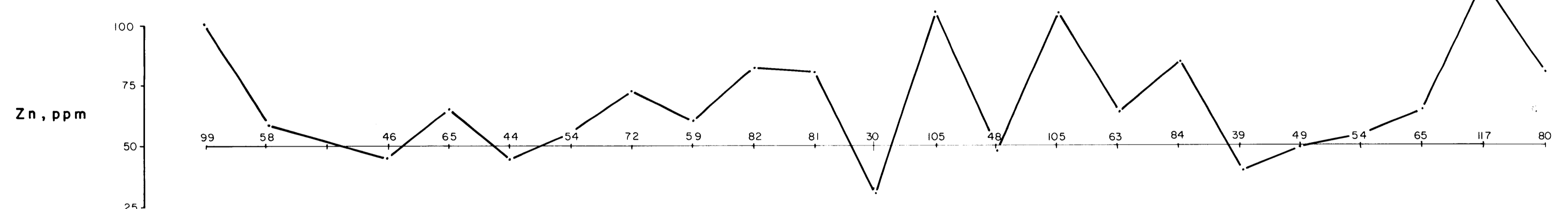
LIN LO L5S L10S



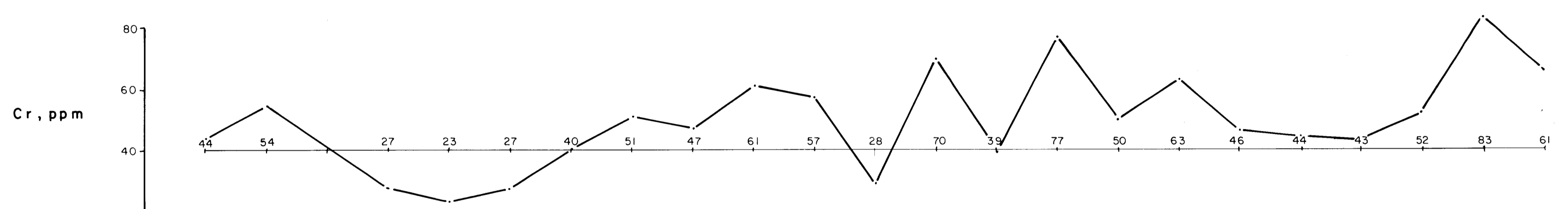
**BARIUM**  
 $\bar{x}$  = 119 ppm  
 $\bar{x} + S$  = 183 "  
 $\bar{x} + 2S$  = 282 " threshold  
 $\bar{x} + 3S$  = 438 "



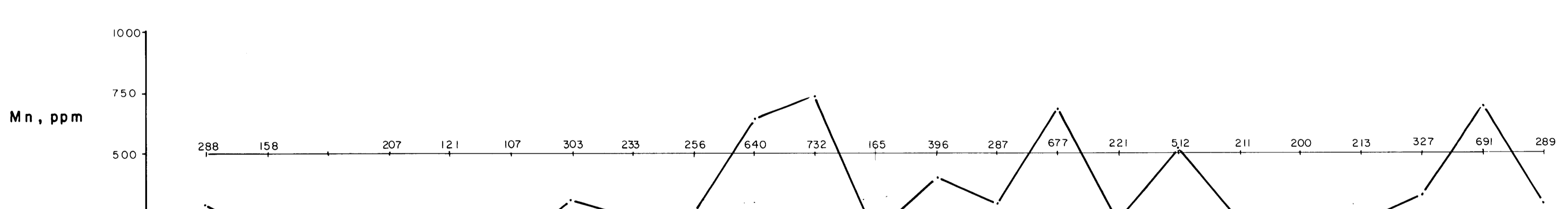
**COPPER**  
 $\bar{x}$  = 17 ppm  
 $\bar{x} + S$  = 29 "  
 $\bar{x} + 2S$  = 51 " threshold  
 $\bar{x} + 3S$  = 87 "



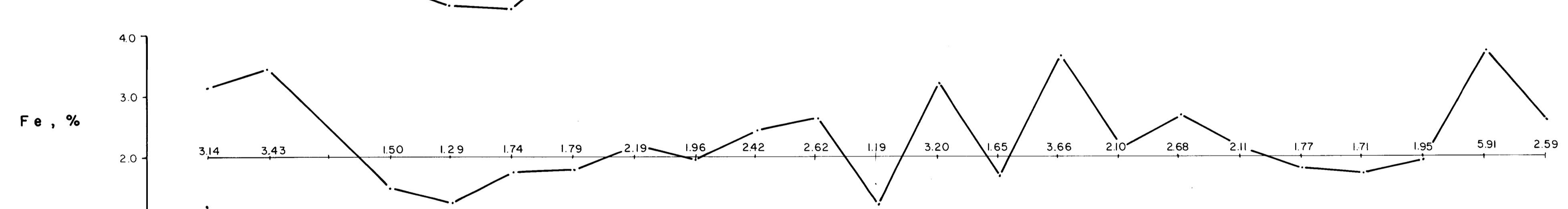
**ZINC**  
 $\bar{x}$  = 59 ppm  
 $\bar{x} + S$  = 87 "  
 $\bar{x} + 2S$  = 126 " threshold  
 $\bar{x} + 3S$  = 185 "



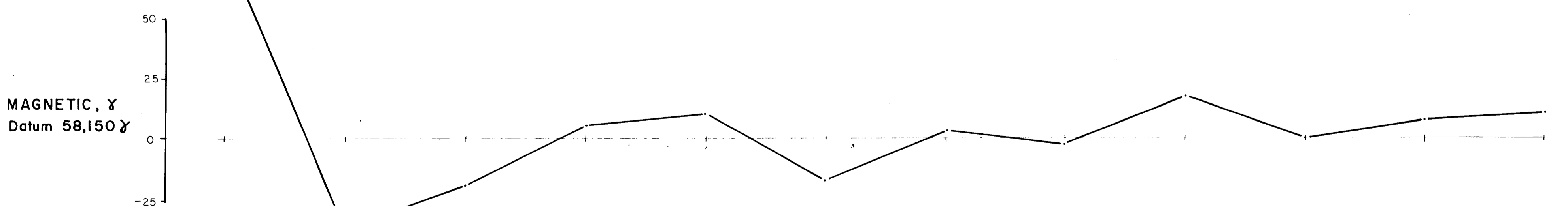
**CHROMIUM**  
 $\bar{x}$  = 44 ppm  
 $\bar{x} + S$  = 63 "  
 $\bar{x} + 2S$  = 91 " threshold  
 $\bar{x} + 3S$  = 131 "



**MANGANESE**  
 $\bar{x}$  = 260 ppm  
 $\bar{x} + S$  = 449 "  
 $\bar{x} + 2S$  = 774 " threshold  
 $\bar{x} + 3S$  = 1337 "



**IRON**  
 $\bar{x}$  = 2.11 %  
 $\bar{x} + S$  = 3.10 "  
 $\bar{x} + 2S$  = 4.54 "  
 $\bar{x} + 3S$  = 6.65 "



MAGNETIC,  $\gamma$   
 Datum 58,150  $\gamma$

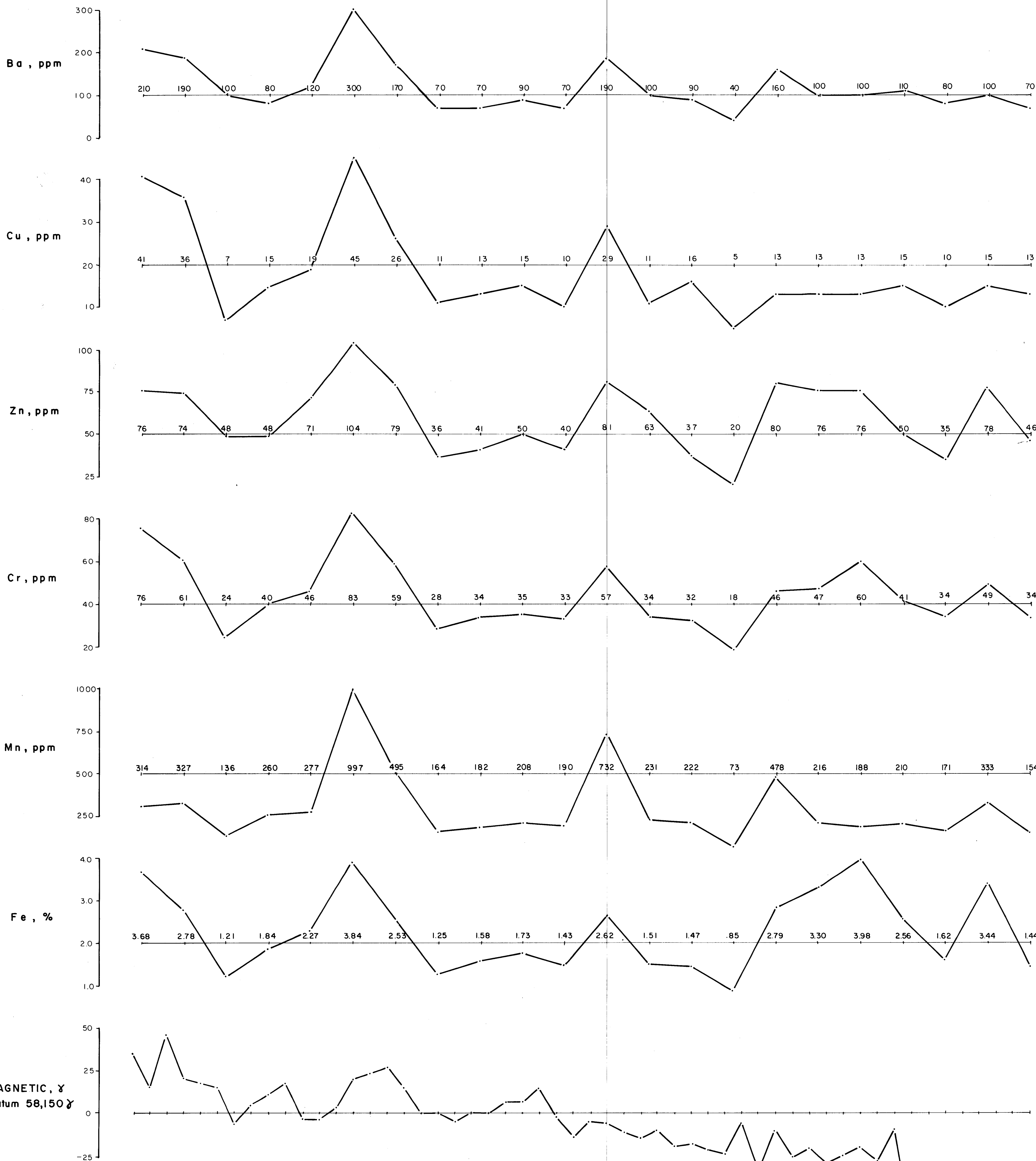
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**  
**16,516**  
 MAGNETOMETER

BARYTEX RESOURCES LTD.	
BOO #2 CLAIM	
ORIENTATION GEOCHEMISTRY	
PROFILES - BASE LINE	
N.T.S. 93G - IW	CARIBOO M.D., B.C.
0 50 100 200 metres	
HOR. SCALE 1:2500	DATE: AUGUST 1987
DRAWN BY:	FIGURE NO.:
NEVIN SADLIER-BROWN GOODBRAND LTD.	

5+00W

B.L.

5+00E



BARIUM :  $\bar{x}$  = 119 ppm  
 $\bar{x} + S$  = 183 "  
 $\bar{x} + 2S$  = 282 " threshold  
 $\bar{x} + 3S$  = 438 "

COPPER :  $\bar{x}$  = 17 ppm  
 $\bar{x} + S$  = 29 "  
 $\bar{x} + 2S$  = 51 " threshold  
 $\bar{x} + 3S$  = 87 "

ZINC :  $\bar{x}$  = 59 ppm  
 $\bar{x} + S$  = 87 "  
 $\bar{x} + 2S$  = 126 " threshold  
 $\bar{x} + 3S$  = 185 "

CHROMIUM :  $\bar{x}$  = 44 ppm  
 $\bar{x} + S$  = 63 "  
 $\bar{x} + 2S$  = 91 " threshold  
 $\bar{x} + 3S$  = 131 "

MANGANESE :  $\bar{x}$  = 260 ppm  
 $\bar{x} + S$  = 449 "  
 $\bar{x} + 2S$  = 774 " threshold  
 $\bar{x} + 3S$  = 1337 "

IRON :  $\bar{x}$  = 2.11 %  
 $\bar{x} + S$  = 3.10 "  
 $\bar{x} + 2S$  = 4.54 "  
 $\bar{x} + 3S$  = 6.65 "

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

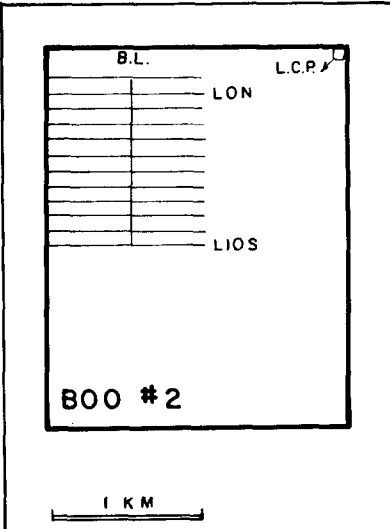
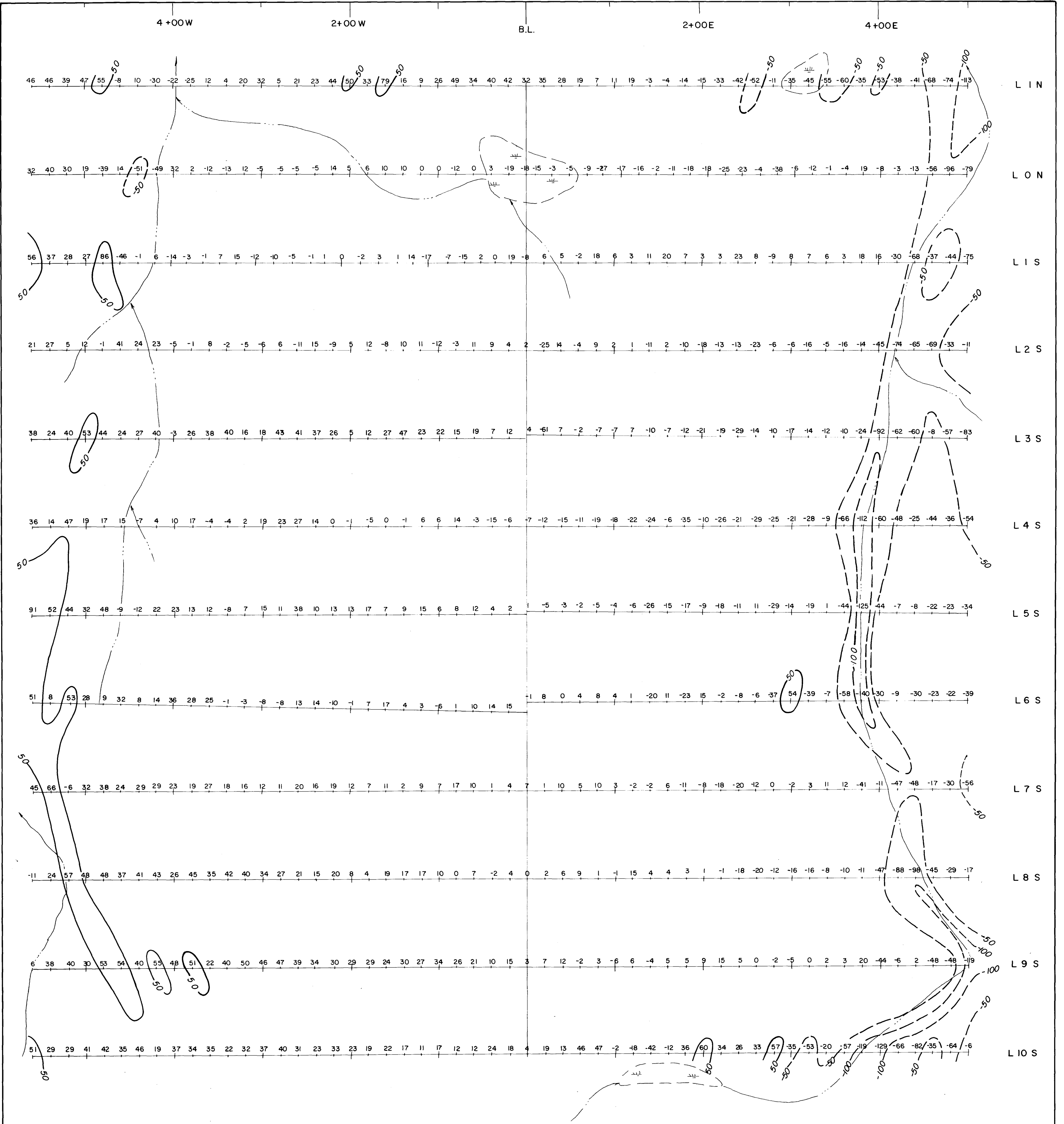
16,516  
 MAGNETOMETER

BARYTEX RESOURCES LTD.

BOO #2 CLAIM  
 ORIENTATION GEOCHEMISTRY  
 PROFILES - LINE 4 S

N.T.S. 93G - 1W CARIBOO M.D., B.C.  
 0 50 100 200 metres

HOR. SCALE 1:2500 DATE: AUGUST 1987  
 DRAWN BY: FIGURE N° 3  
 NEVIN SADLER-BROWN GOODBRAND LTD.



DATUM = 58,150 x

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,516**

<b>BARYTEX RESOURCES LTD.</b>	
<b>BOO #2 CLAIM MAGNETOMETER SURVEY</b>	
N.T.S 936-1W	CARIBOO M.D., B.C.
0 50 100 200 metres	
SCALE 1:2500	DATE: AUGUST 1987
DRAWN BY:	FIGURE NO. +
NEVIN SADLER-BROWN GOODBRAND LTD.	



4+00W

2+00W

B.L.

2+00E

4+00E

L 1 N

L 0 N

L 1 S

L 2 S

L 3 S

L 4 S

L 5 S

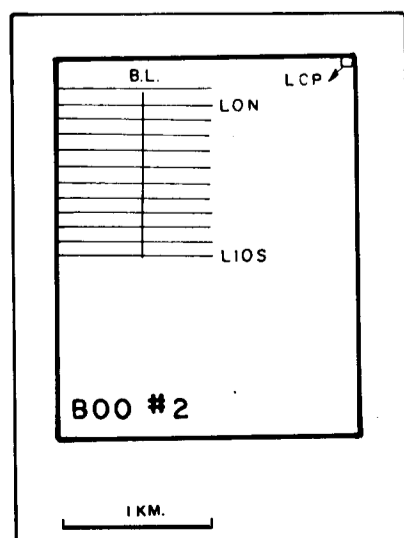
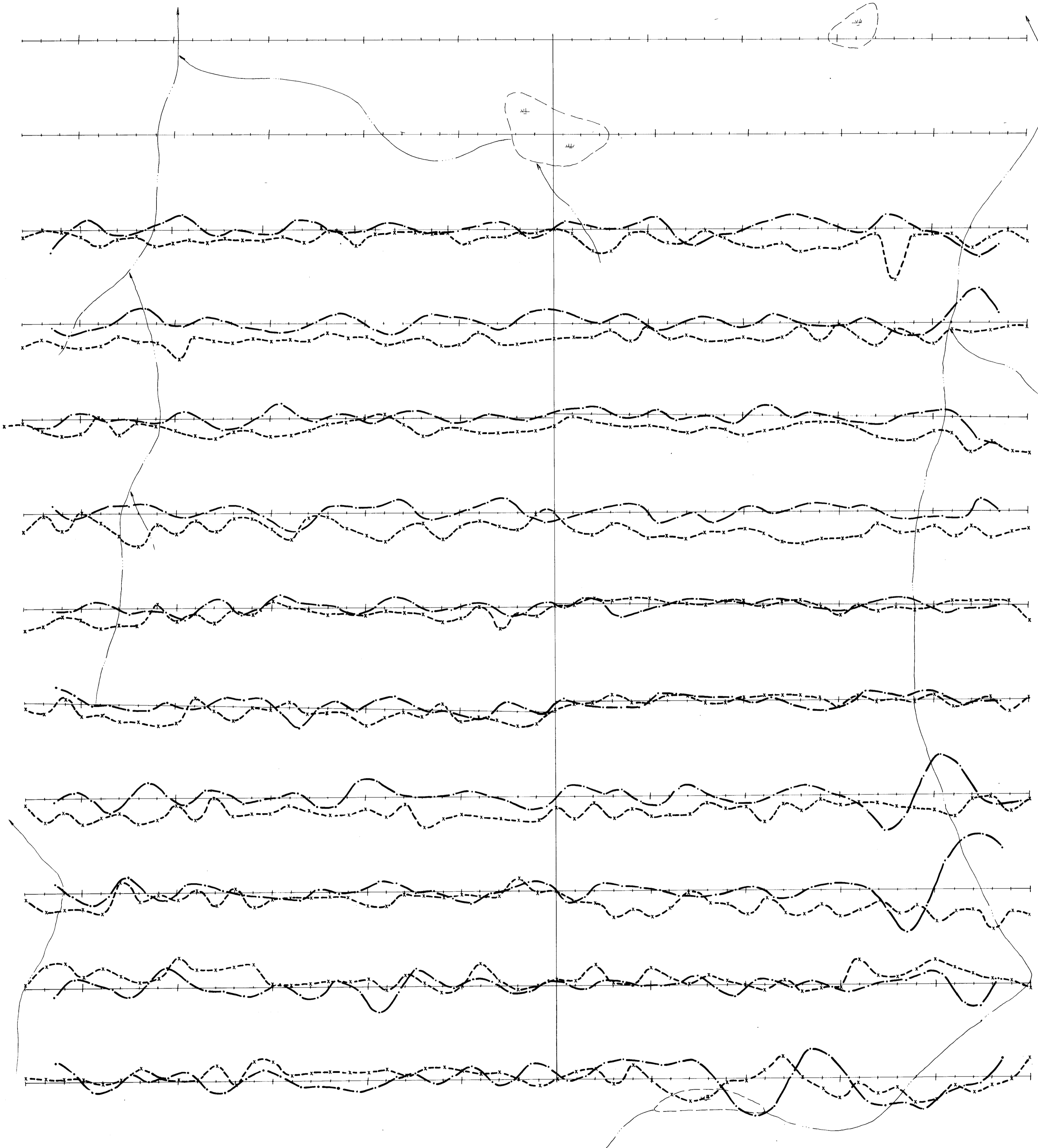
L 6 S

L 7 S

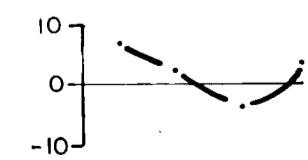
L 8 S

L 9 S

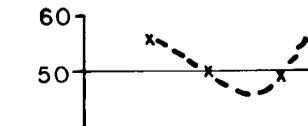
L 10 S



TILT ANGLE OF FIELD



FIELD STRENGTH



STATION - ANNAPOLIS M.D. 214 KMZ  
 SABRE INSTRUMENTS VLF-EM 27

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,516**

BARYTEX RESOURCES LTD.

**BOO #2 CLAIM  
 VLF - EM PROFILES  
 (ANNAPOLIS)**

N.T.S 93G-1W CARIBOO M.D., B.C.



SCALE 1:2500 DATE: AUGUST 1987

DRAWN BY: FIGURE No. 5

NEVIN SADLIER-BROWN GOODBRAND LTD.

4+00W

2+00W

B.L.

2+00E

4+00E

L 1 N

L 0 N

L 1 S

L 2 S

L 3 S

L 4 S

L 5 S

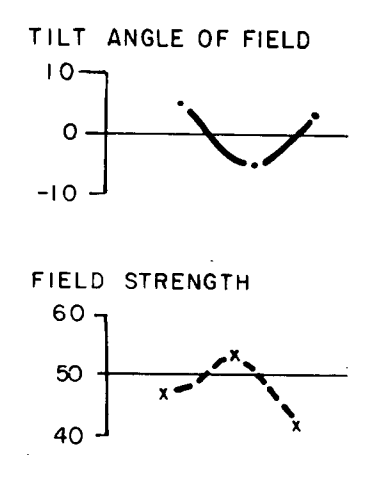
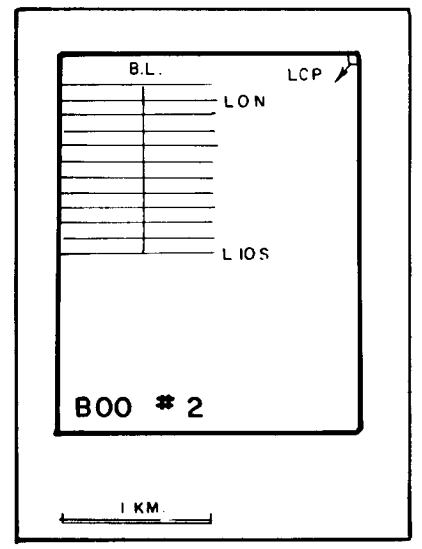
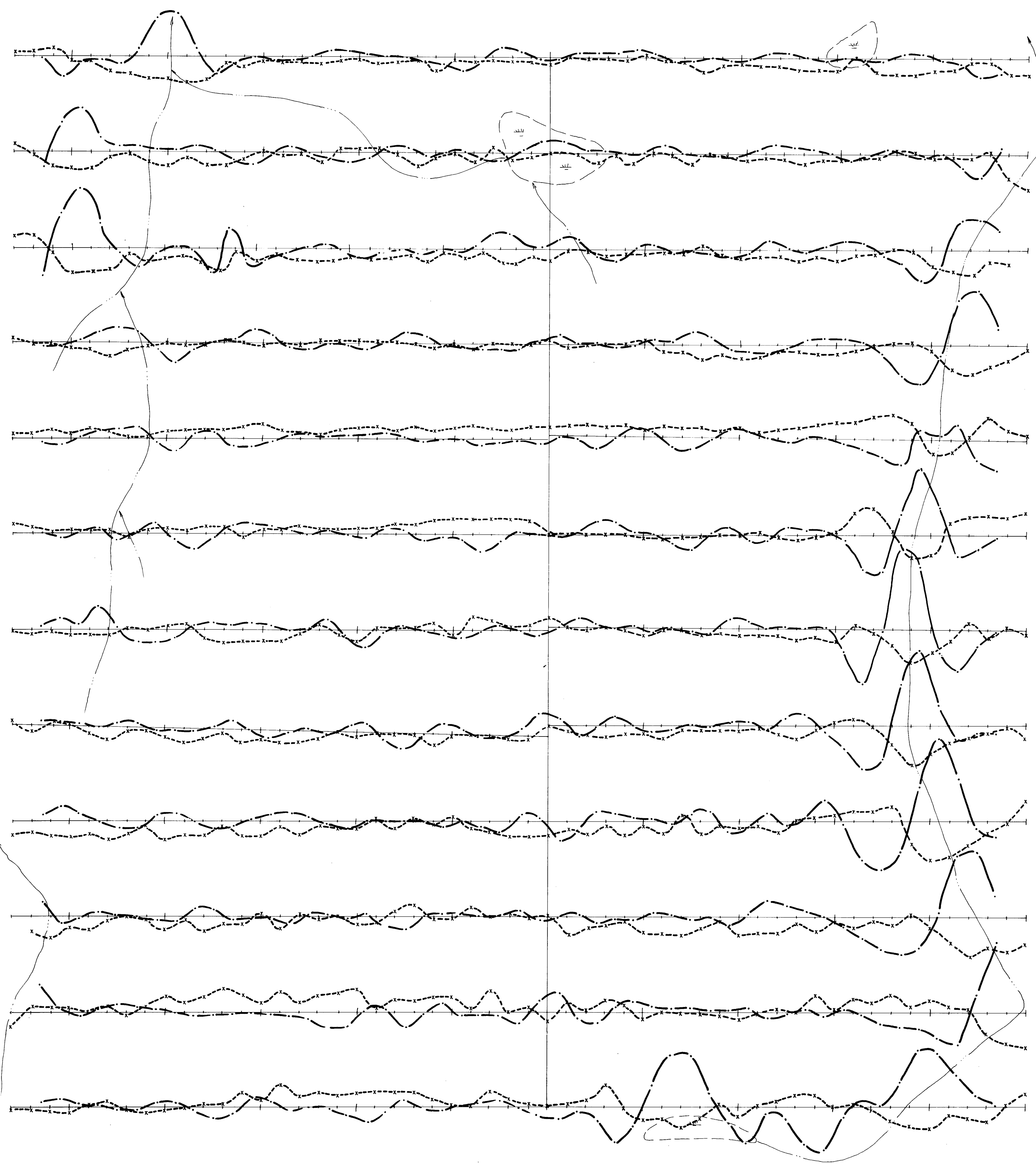
L 6 S

L 7 S

L 8 S

L 9 S

L 10 S



STATION - WASHINGTON  
 SABRE INSTRUMENTS

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,516**

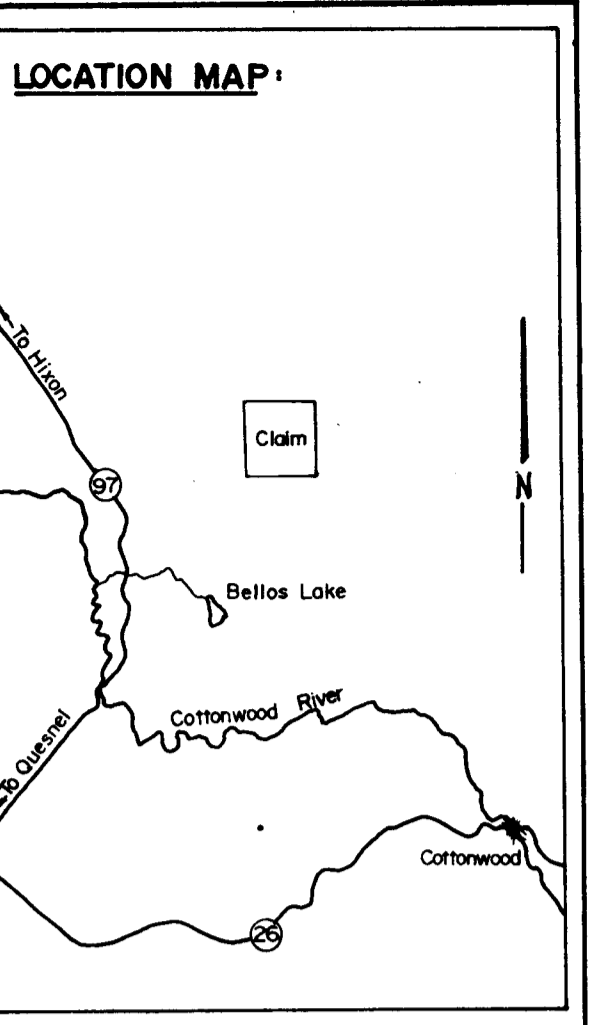
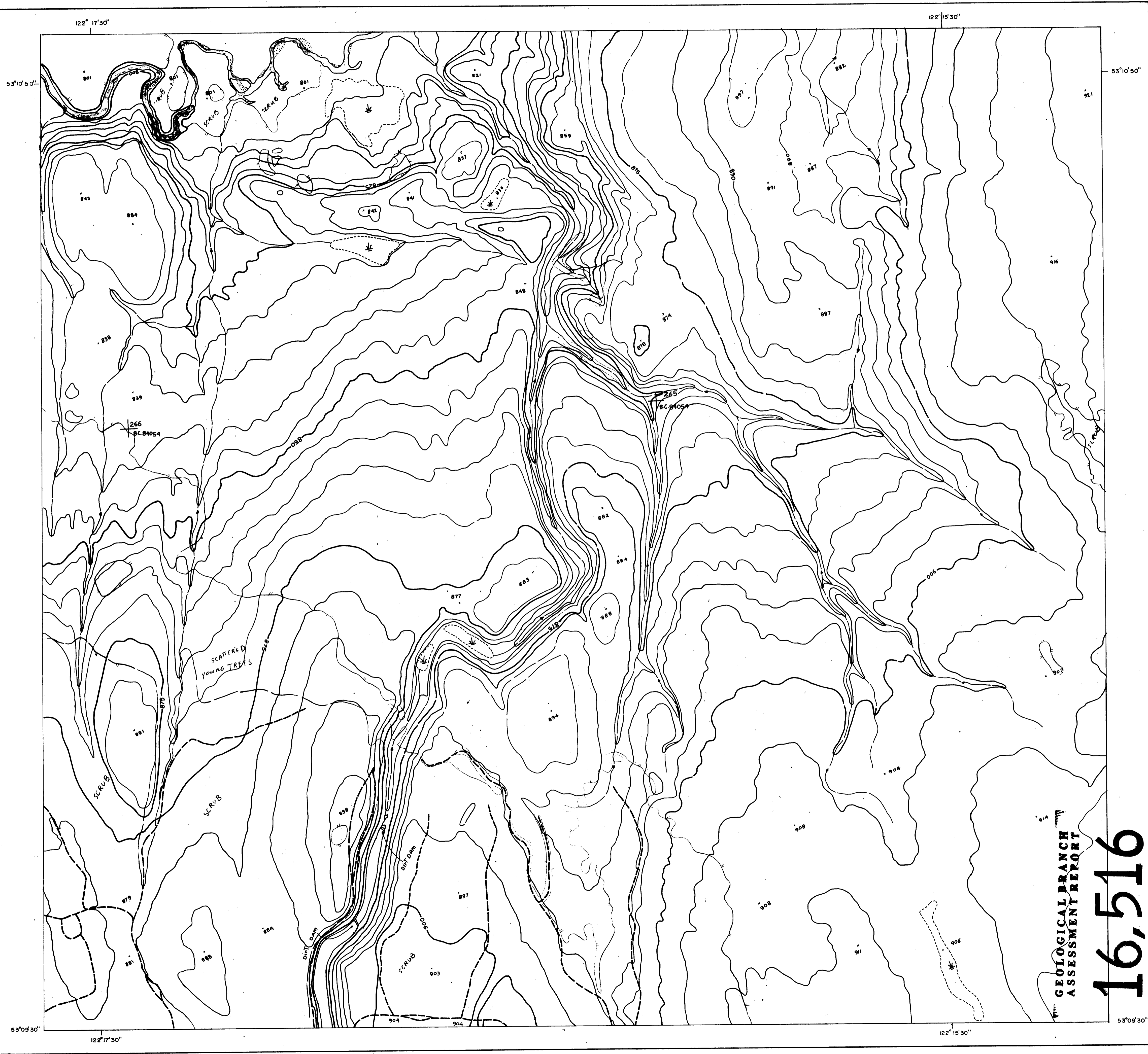
**BARYTEX RESOURCES LTD.**

**BOO #2 CLAIM  
 VLF - EM PROFILES  
 (SEATTLE)**

N.T.S 93G - 1W CARIBOO M.D., B.C.

SCALE 1:2500 DATE: AUGUST 1987  
 DRAWN BY: FIGURE NO. 6

NEVIN SADLER-BROWN GOODBRAND LTD.



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**16,516**

BOO 2 MC. Cariboo M.D. N.T.S. 93 G/W
FIGURE 7 TOPOGRAPHICAL MAP
SCALE 1:5000 CONTOUR INTERVAL: 5 Metres
FILE: 87-50
Drawn by: EAGLE MAPPING SERVICES LTD.