

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.06.24

ASSESSMENT REPORT 17798

MINING DIVISION: Skeena

PROPERTY: Treaty  
LOCATION: LAT 56 36 57 LONG 130 04 38  
UTM 09 6274929 433887  
NTS 104B09E

CAMP: 050 Stewart Camp

CLAIM(S): Stan 1-4, Treaty 4, Treaty 6-7

OPERATOR(S): Bighorn Dev.

AUTHOR(S): Konkin, K.J.

REPORT YEAR: 1988, 46 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver

GEOLOGICAL

SUMMARY: The claims are underlain by Middle Jurassic Salmon River Formation sediments and Betty Creek Formation volcanics with potential zones of schists, semi-schist and cataclastics with precious metal mineralization.

WORK

DONE: Geochemical  
ROCK 33 sample(s) ;AU,AG,PB,ZN,AS  
SILT 288 sample(s) ;AU,AG,PB,ZN,AS  
Map(s) - 3; Scale(s) - 1:5000

RELATED

REPORTS: 16250

LOG NO: 0930	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT ON THE  
TREATY AND STAN CLAIM GROUPS  
STEWART, BRITISH COLUMBIA  
SKEENA MINING DIVISION  
NTS 104B/9  
LATITUDE 56° 36'  
LONGITUDE 130° 04'

FILMED

BY

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CALGARY, ALBERTA  
SEPTEMBER, 1988

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

17,798

**RECEIVED**  
SEP 26 1988  
GOLD COMMISSIONER  
PRINCE RUPERT

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## SUMMARY

The Treaty 3-7 and Stan 1-4, Treaty 2 Claim Groups owned by Catear Resources Ltd. and optioned by Bighorn Development Corporation are located 90 air-kilometers north of Stewart, B.C., within the Skeena Mining Division. The Treaty 3-7 and Stan 1-4, Treaty 2 Claim Groups each consist of 100 staked mineral units. The property area is underlain by geologically favourable volcanics and sediments of the Hazelton Group.

The 1988 exploration program consisted of a detailed silt sampling program designed to follow-up anomalous gold and silver values obtained in a reconnaissance silt sampling program undertaken in 1987. Continued prospecting-sampling of outcrop and float specimens was also incorporated in order to evaluate the economic potential of the claims.

Significant gold and silver values were obtained from the silt and float specimens sampled during June, 1988. The follow-up silt sampling program confirmed the presence of anomalous silver and gold values as high as 12.4 ppm silver and +1000 ppb gold (assayed to .220 opt gold). Unfortunately very few economically significant gold or silver values were obtained from chip sampling various sediments, volcanics and barren quartz veins. Yet, float samples of pyritic sediments and volcanics yielded gold and silver values of .092 opt gold and 13.7 ppm silver. The source of the anomalous float samples remains undetermined.

Continued exploration is required to thoroughly evaluate the economic potential of the Treaty 3-7 and Stan 1-4, Treaty 2 Claim Groups. A \$100,000 exploration program is recommended for 1989 consisting of mapping, detailed rock geochemistry, geophysics and continued prospecting.

## INTRODUCTION

Work conducted on the Treaty and Stan Claim Groups commenced on June 3, 1988 and was completed on June 24, 1988 by E.R. Kruchkowski Consulting Ltd. personnel for Bighorn Development Corporation. This report is based on data obtained from prospecting, silt and rock geochemical surveys. All analyses were performed by Loring Laboratories Ltd. in Calgary, Alberta.

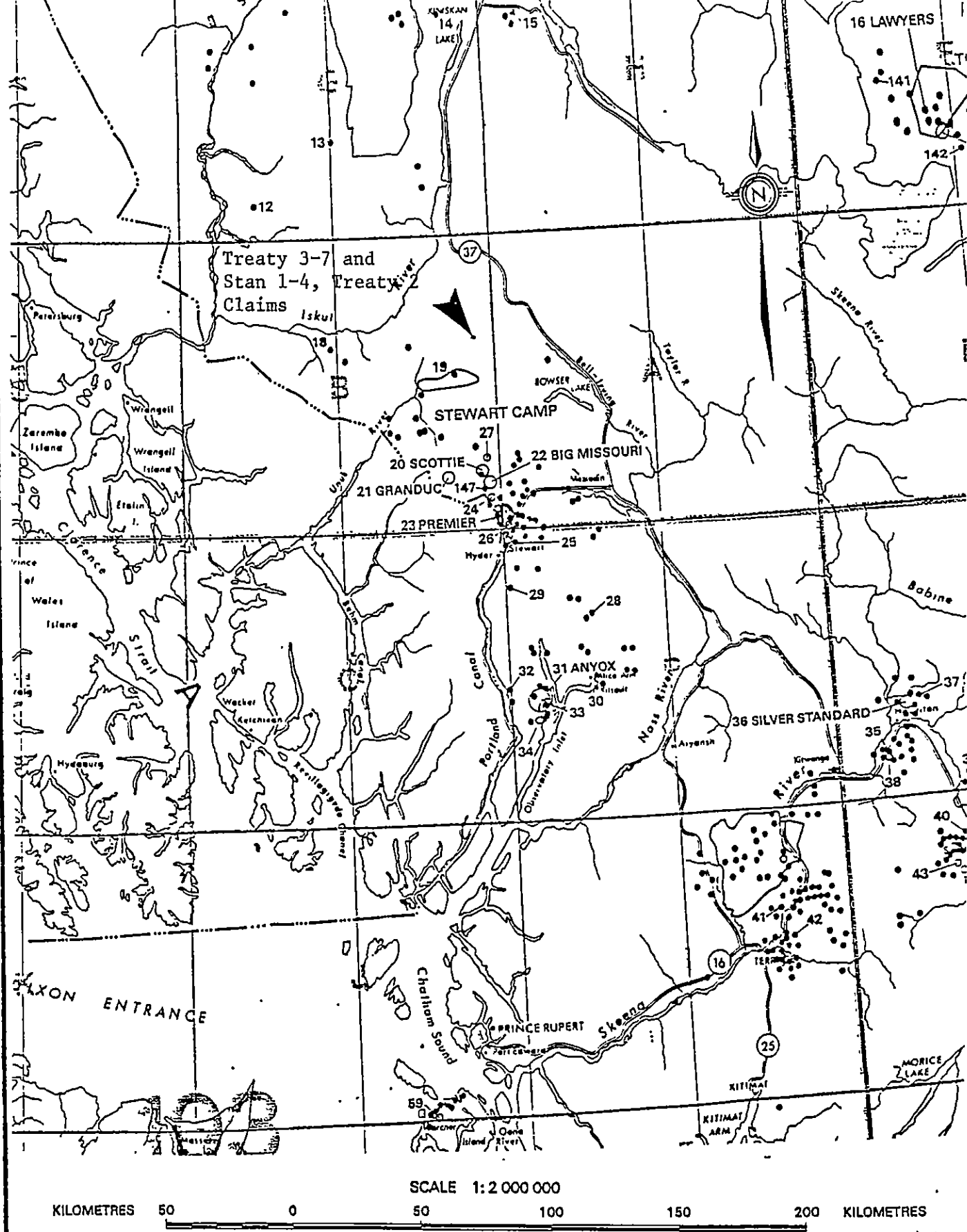
## Location and Access

The claims are located approximately 90 air-kilometres north of Stewart, British Columbia (Figure 1). Approximate longitude and latitude is 130° 05' west and 56° 38' north respectively. The property area is confined to map sheet NTS 104B/9 within the Skeena Mining Division.

Access to the claim area may be gained utilizing helicopters based in Stewart. Daily access to the claim area was accomplished by utilizing helicopters based in Catear's Brucejack Lake Camp located approximately 70 air-kilometres north-northwest of Stewart.

## Physiography and Topography

The property area lies within the steep, rugged coastal mountain range with elevations varying from 2600 ft (792 m) to 6430 ft (1960 m) above sea level (Figures 2a and 2b). The area is drained by the Unuk River and Treaty Creek drainage systems. Many smaller, swift running streams generally flow year round as high level snow packs and icefields are common. The southern portion of the property borders and encompasses parts of South Treaty and Drysdale Glaciers.



Treeline is located between 4000 - 4500 ft (1220 - 1372 m) and includes a hearty alpine forest. Generally the steeper slopes host only tag alder and devils club well below the treeline. Above treeline, alpine mosses, grasses, flowers and lichen occur. Glacial till is thin and excessive overburden is confined to the Treaty Creek valley floor. Outcrop exposure is good as permanent snow and icefields only cover 10-15% of the area.

Summers can vary from hot and dry to very cold and wet. The prospecting-mapping-sampling field season is restricted to early June to late September, limited by snow accumulation and fierce winter weather.

Property Ownership

The Treaty Claim Group consists of 100 units or five 20 unit claims.

<u>Claim</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Number of Units</u>
Treaty 3	5414	June 25, 1986	20
Treaty 4	5415	June 25, 1986	20
Treaty 5	5416	June 25, 1986	20
Treaty 6	5417	June 25, 1986	20
Treaty 7	5418	June 25, 1986	20

The Stan Claim Group consists of 100 units or five 20 unit claims.

<u>Claim</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Number of Units</u>
Stan 1	5419	June 25, 1986	20
Stan 2	5420	June 25, 1986	20
Stan 3	5421	June 25, 1986	20
Stan 4	5422	June 25, 1986	20
Treaty 2	5413	June 25, 1986	20

The claims were staked by E.R. Kruckowski in 1986 and transferred to Catear Resources Ltd., May 1, 1987. Catear Resources Ltd. has optioned the ground to Bighorn Development Corporation. The exact location of these claims would be subject to surveys (Figures 2a and 2b).

Personnel and Operations

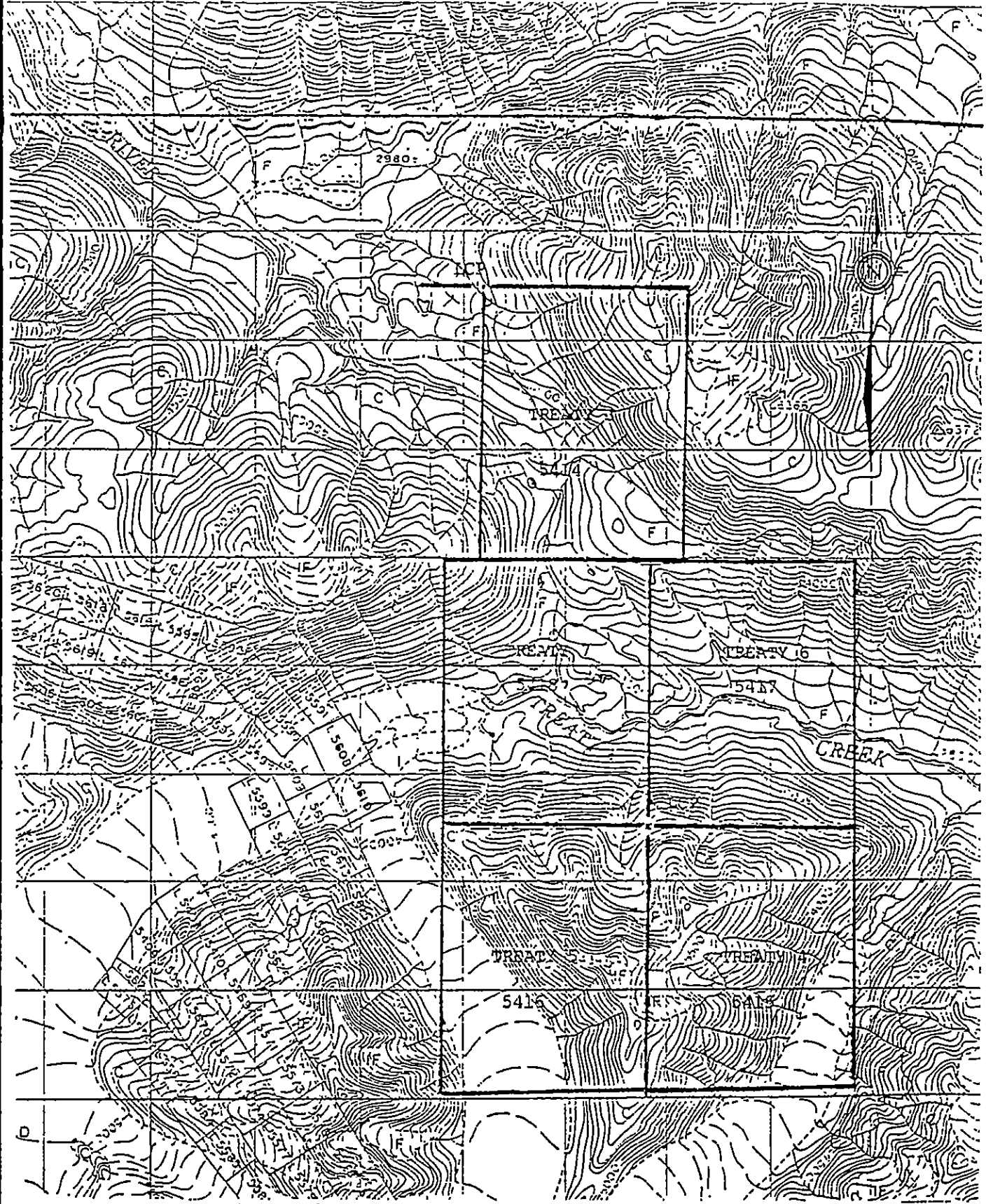
E.R. Kruckowski Consulting Ltd. personnel were utilized between June 3 to June 24, 1988. Personnel include the following:

Ken Konkin	geologist	16.5 days
Bruce Krutow	geologist	1 day
Shawn Edwards	senior assistant	7 days
Al Heinrichs	senior assistant	7 days
Dan Lund	senior assistant	10 days
Guy Longu�p�e	junior assistant	7 days
Andy Hoffman	junior assistant	3 days
Daryl Funk	junior assistant	1 days
Jason Paquette	junior assistant	3 days
Andy Reimer	junior assistant	2 days

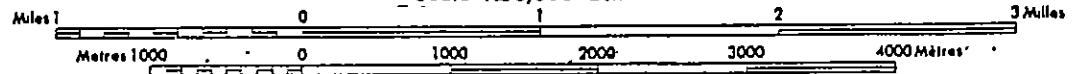
Accommodations were provided at Catear's Goldwedge camp located approximately 20 air-kilometres south-southwest of the property area. Daily access to the claims from the Catear gold camp was gained utilizing a Vancouver Island Bell 206 helicopter based at the Catear camp. Personnel and supplies were mobilized to the Catear camp via helicopter travel from Stewart, British Columbia.

The primary focus of the 1988 exploration program was a detailed stream sediment sampling program designed to follow-up anomalous gold values obtained from the 1987 reconnaissance silt sampling program. Continued reconnaissance prospecting and outcrop chip sampling was conducted as an extension to the 1987 rock geochemical program.

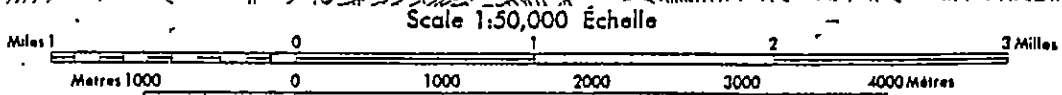
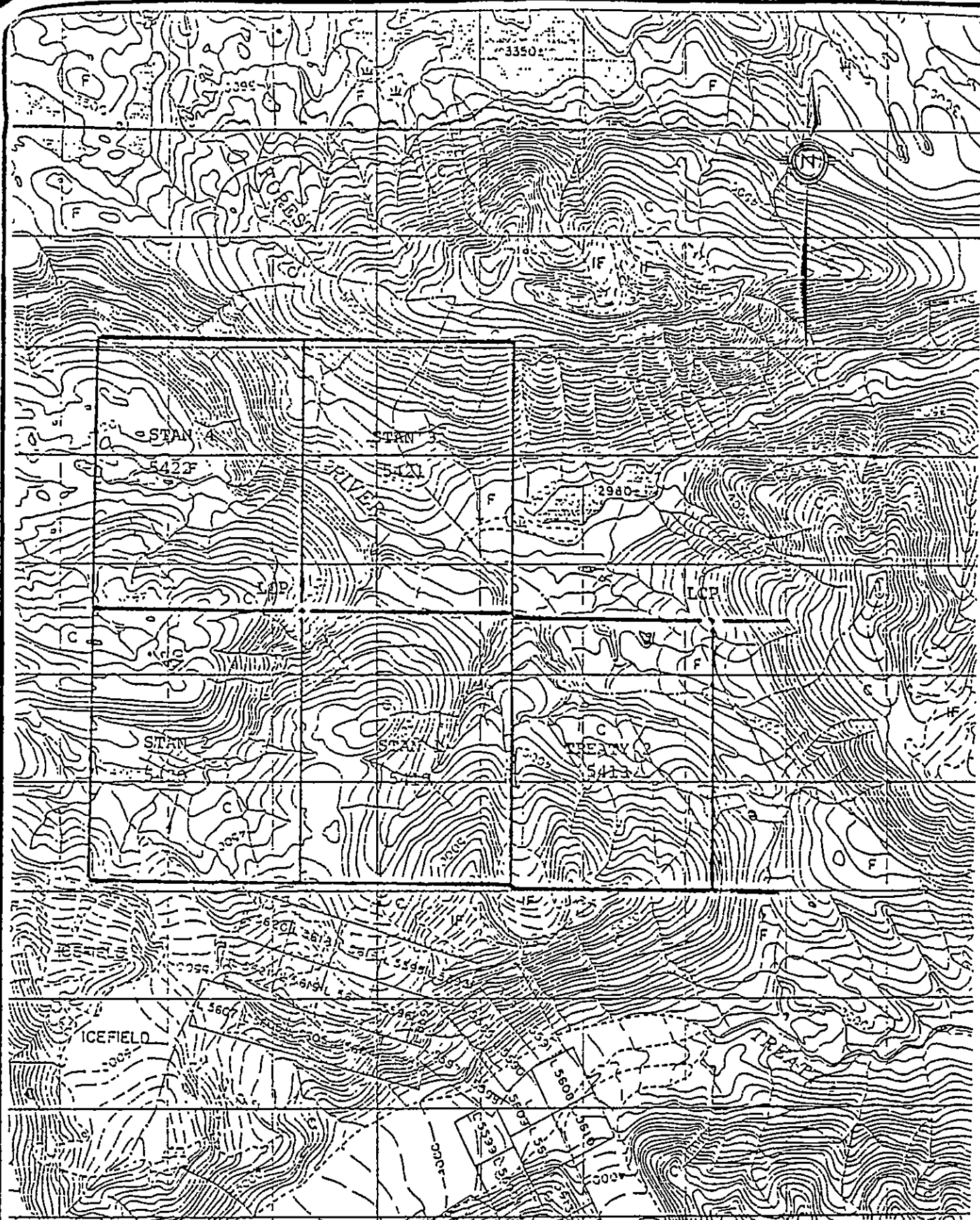




Scale 1:50,000 Échelle



<p>TREATY CREEK AREA SKEENA MINING DIVISION</p>	<p>NTS 104B/9</p>
<p>CLAIM LOCATION MAP TREATY 3-7</p>	<p>Figure 2 a</p>



<p>TREATY CREEK AREA SKEENA MINING DIVISION</p>	<p>NTS 104B/9</p>
<p>CLAIM LOCATION MAP TREATY 2 and STAN 1-4</p>	<p>Figure 2 b</p>

The stream sediment sample sites were spaced at 25 meter intervals along streams in anomalous drainage basins. The samples were screened to a minus 1 mm mesh size and sufficient sample material was gathered to fill a standard kraft paper soil sample bag. All sites were flagged with pink-glo flagging tape with corresponding sample numbers.

#### Previous Work

Prior to being staked in 1986, the Treaty and Stan property had no previous work documented. In 1987, E.R. Kruchkowski Consulting personnel obtained significant gold values in silt samples taken. A total of 29 rock and 38 silt samples were collected while prospecting and mapping the area.

The adjacent area to the west of the claims has had an extensive work history for such a remote location. The area to the immediate north, south and east is unstaked.

An extensive gossanous outcrop has been a focus of exploration effort for several years on the adjoining western property. The gossan is located on the southeast valley wall of Treaty Glacier. These claims are solely owned by Teuton Resources and named the Treaty (not to be confused with the Treaty 2-7 claims) and TR1-7 claims.

During 1929 and 1930, a B.C.D.M. annual report documents that the extensive gossan extending over the Treaty, TR 1-4, 6 and 7 claims was the focus of exploration efforts. The company, Consolidated Mining and Smelting Company of Canada Ltd., located 57 surveyed crown-granted claims and in 1931 exploration ended. The exploration results were never

published. The British Columbia Miner (1928) notes that prospectors Williams and Knipple obtained \$3.50 gold and silver values associated with heavy arsenic content.

In 1953, Williams and Knipple discovered a small silver-sulphide vein south of the Treaty claim, and large tetrahedrite boulders on the ice surface (location is unspecified). A geophysical survey identified a significant magnetic anomaly at the junction of Treaty and South Treaty Glaciers in 1967.

E & B Explorations Ltd. conducted a rock geochemistry and prospecting program in 1981 on the Treaty claim, but failed to outline any gold anomalies. Teuton Resources carried out a prospecting program in 1984 on the Treaty claim and surrounding Electrum claims (now restaked as the TR claims). They too were unsuccessful in identifying any gold anomalies in outcrop, however, anomalous gold values were obtained in float and silt samples.

In 1985, Teuton Resources carried out a heavy stream sediment sampling program and identified one highly anomalous gold value on the Treaty claim. Teuton Resources then executed a rock geochemistry sampling program in 1986 and isolated two random gold anomalies. Generally the program hosted poor results.

In 1987, E.R. Kruchkowski Consulting personnel carried out an extensive prospecting and rock geochemistry program on behalf of Teuton Resources Ltd. The result of the summer exploration effort yielded the discovery of an extremely high-grade gold-skarn deposit located on the north slope

of the Treaty Glacier. Values as high as 28 opt gold across a four foot width were reported. The gold showings are known as the "Konkin Gold Zone" and the "Konkin North" occurrences.

Subsequent diamond drilling of the Konkin-North gold-skarn failed to encounter coarse native gold as observed on surface in the three holes drilled totalling 600.5 feet, however, 15 feet of .3 opt gold was encountered in DDH-87-1. Unfortunately harsh winter elements in the late fall cut short the diamond drill program and the majority of the gold-skarn remains untested by diamond drilling.

## GEOLOGY

### Regional Geology

An accurate and well detailed geological summary is given by Kruchkowski and Sinden, 1988 of the Stewart area:

"Rocks in the area belong to the Mesozoic Hazelton Group and have been intruded by plugs of both Cenozoic and Mesozoic age. (Figure 3)

At the base of the Hazelton Group is the Lower Jurassic marine (submergent) and non-marine (emergent) volcanoclastic Unuk River Formation. This is overlain at steep discordant angles by a second, lithologically very similar, Middle Jurassic volcanic cycle (the Betty Creek Formation), in turn overlain by Middle and Upper Jurassic non-marine and marine sediments (with minor volcanics) of the Salmon River and Nass Formations.

The oldest rocks in the area belong to the Lower Jurassic Unuk River Formation which forms a north-northwesterly trending belt extending from Alice Arm to the Iskut River. It consists of green, red and purple volcanic breccia, volcanic conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

In the property area the Unuk River Formation is unconformably overlain by Lower Middle and Middle Jurassic rocks from the Betty Creek and Salmon River Formations, respectively. The Betty Creek Formation is another cycle of trough-filling submarine pillow lavas, broken pillow breccias, andesitic and basaltic flows, green, red, purple and black volcanic breccia, with self erosional conglomerate, sandstone and siltstone, and minor crystal and lithic tuffs, chert, limestone and lava. The overlying Salmon River Formation is a late to post volcanic episode of banded, predominantly dark coloured, siltstone, greywacke, sandstone, intercalated calcarenite, minor limestone, argillite, conglomerate, littoral deposits, volcanic sediments and minor flows.

According to E.W. Grove, the majority of the rocks from the Hazelton Group were derived from the erosion of andesitic volcanoes subsequently deposited as overlapping lenticular beds varying laterally in grain size from breccia to siltstone.

There are various intrusives in the area. The granodiorites of the Coast Plutonic Complex largely engulf the Mesozoic volcanic terrain to the west. East of these (in the property area), smaller intrusive plugs range from quartz monzonite to granite to highly felsic; some are, likely, related late phase offshoots of the Coast plutonism, others are synvolcanic or tertiary.

Double plunging, northwesterly-trending synclinal folds of the Salmon River and underlying Betty Creek Formations dominate the structural setting of the area. These folds are locally disrupted by small east-overthrusts (Tippy Lake, Knipple Lake) on strikes parallel to the major fold axis, cross-axis steep wrench faults which locally turn beds, selective tectonization of tuff units, and major northwest faults which turn beds."

#### Local Geology

The property area is mapped by E.W. Grove as being predominately underlain by Middle Jurassic Salmon River Formation. The sedimentary units include: siltstone, greywacke, sandstone, calcarenite, minor limestone, argillite, conglomerate and littoral deposits. Mapping and prospecting traverses confirm the presence of siltstone, greywacke and argillite. Some minor greywacke/lithic tuff is also noted. Grove also notes a Middle Jurassic, crystal and lithic tuff of the Betty Creek Formation in the southwest region of the Treaty 3-7 Claim Group. Based on field observations, these rocks appear to be tightly folded into small anticlines and synclines. Due to the steep topographic nature of the structural occurrence, lithological confirmation is hindered.

The 1987 reconnaissance mapping crew notes dacitic porphyry (crystal tuff), dacitic-andesitic agglomerate, dark green-mauve andesite and feldsic/silicified lenses along the valley floor, bordering the South Treaty Glacier in the southwest portion of the Treaty 3-7 Claim Group. These rocks, according to Grove, dip  $40^{\circ}$  -  $50^{\circ}$  to the east.

Generally, north of the Treaty creek, the sediments of the Salmon River Formation dip north between  $45^{\circ}$ - $70^{\circ}$  and exhibit minor schistosity trending east-west and dip steeply to the south. The same sediments to the south of Treaty Creek generally dip  $50^{\circ}$ - $80^{\circ}$  to the east. (Figure 3 and 4).



FROM: Geology of the Unuk River-Salmon River-Anyox Map Area Bulletin 63.  
 British Columbia Ministry of Mines & Petroleum Resources.

BIGHORN DEVELOPMENT CORPORATION	NTS 104B/9 1:100,000
GENERAL GEOLOGY	FIGURE 3



MESOZOIC

MIDDLE JURASSIC  
SALMON RIVER FORMATION

16 SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, MINOR LIMESTONE, ARGILLITE, CONLOMERATE, LITTORAL DEPOSITS

15 RHYOLITE, RHYOLITE BRECCIA; CRYSTAL AND LITHIC TUFF

BETTY CREEK FORMATION

14 PILLOW LAVA, BROKEN PILLOW BRECCIA (a); ANDESITIC AND BASALTIC FLOWS (b)

13 GREEN, RED, PURPLE, AND BLACK VOLCANIC BRECCIA, CONLOMERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SILTSTONE (c); MINOR CHERT AND LIMESTONE (INCLUDES SOME LAVA (+14)) (d)

LOWER JURASSIC

UNUK RIVER FORMATION

12 GREEN, RED, AND PURPLE VOLCANIC BRECCIA, CONGLOMERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SANDSTONE (c); CONGLOMERATE (d); LIMESTONE (e); CHERT (f); MINOR COAL (g)

11 PILLOW LAVA (a); VOLCANIC FLOWS (b)

SYMBOLS

- ADIT .....
- ANTICLINE (NORMAL, OVERTURNED) .....
- BEDDING (HORIZONTAL, INCLINED, VERTICAL, CONTORTED) .....
- BOUNDARY MONUMENT .....
- CONTOURS (INTERVAL 1,000 FEET) .....
- FAULT (DEFINED, APPROXIMATE) .....
- FAULT (THRUST) .....
- FAULT MOVEMENT (APPARENT) .....
- FOLD AXES, MINERAL LINEATION (HORIZONTAL, INCLINED) .....
- FOSSIL LOCALITY .....
- GEOLOGICAL CONTACT (DEFINED, APPROXIMATE) .....
- GLACIAL STRIAE .....
- GRAVEL, SAND, OR MUD .....
- HEIGHT IN FEET ABOVE MEAN SEA LEVEL .....
- INTERNATIONAL BOUNDARY .....
- JOINT SYSTEM (INCLINED, VERTICAL) .....
- MARSH .....
- MINING PROPERTY .....

FROM: Geology of the Unuk River-Salmon River-Anyox Map Area Bulletin 63,  
British Columbia Ministry of Mines & Petroleum Resources

BIGHORN DEVELOPMENT CORPORATION	NTS 104B/9
TABLE OF FORMATIONS	FIGURE 4

Economic Geology

The detailed silt sampling program yielded many anomalous gold, silver and arsenic values. Figures 5-7 illustrate background and threshold volumes for gold, silver and arsenic.

Gold anomalies recovered from silt sampling range from a threshold value of 78 ppb to highly anomalous values of +1000 ppb. The +1000 ppb gold values were then assayed and values of .029 to .229 Opt gold were obtained. Silver values correlated well to the gold anomalies. The silver threshold value is .5 ppm and anomalies as high as 12.4 ppm-silver were encountered. Very few significant lead and zinc anomalies were obtained from the silt sampling program (Figure 8 and 9) although the arsenic values correlated well with the anomalous gold and silver values. The arsenic threshold is 40 ppm with a background value of 24 ppm. All gold, silver, arsenic, zinc and lead values are plotted with corresponding sample sites on Figures 10-12.

The reconnaissance rock geochemistry program failed to identify any zones of economic significance.

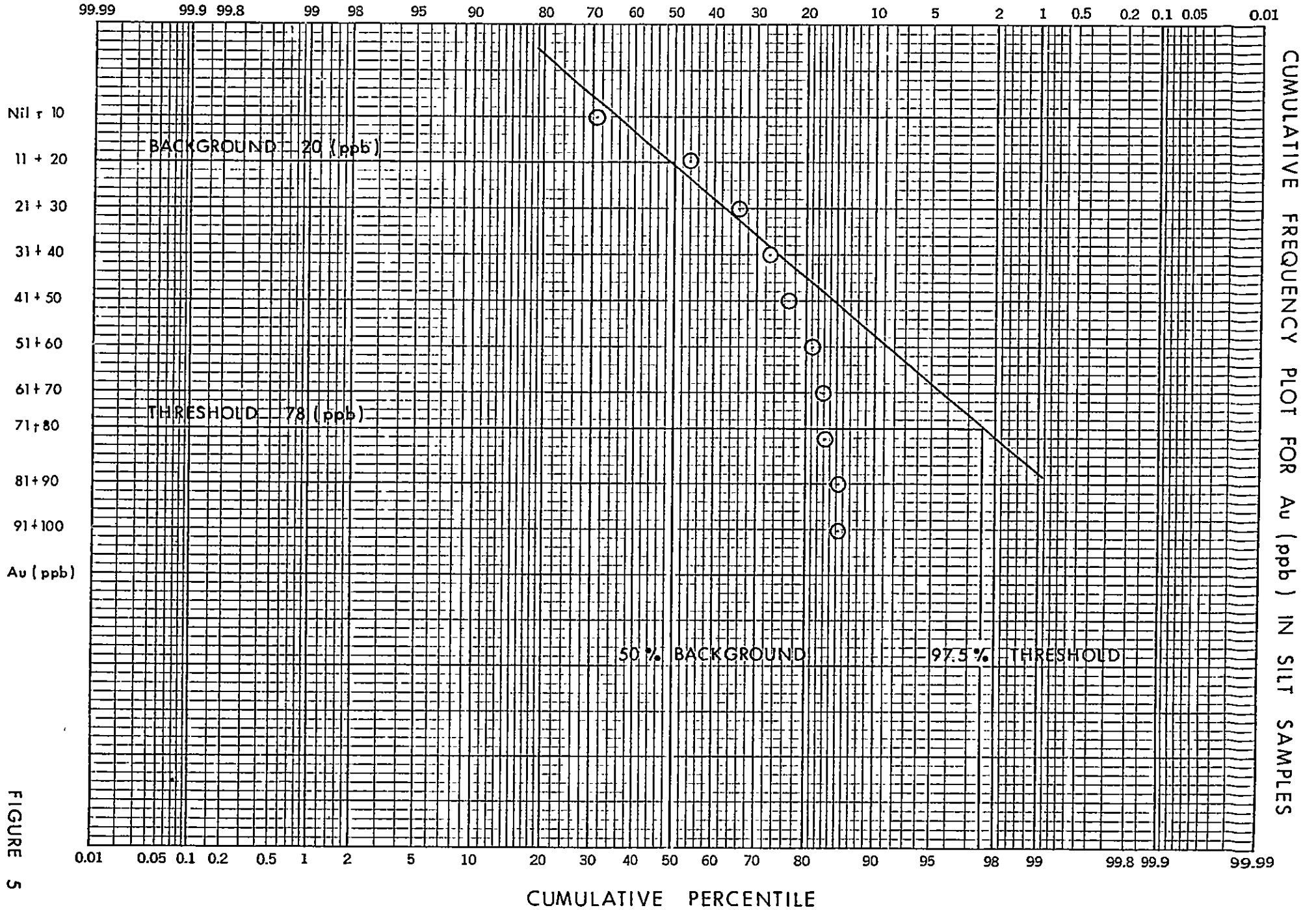


FIGURE 5

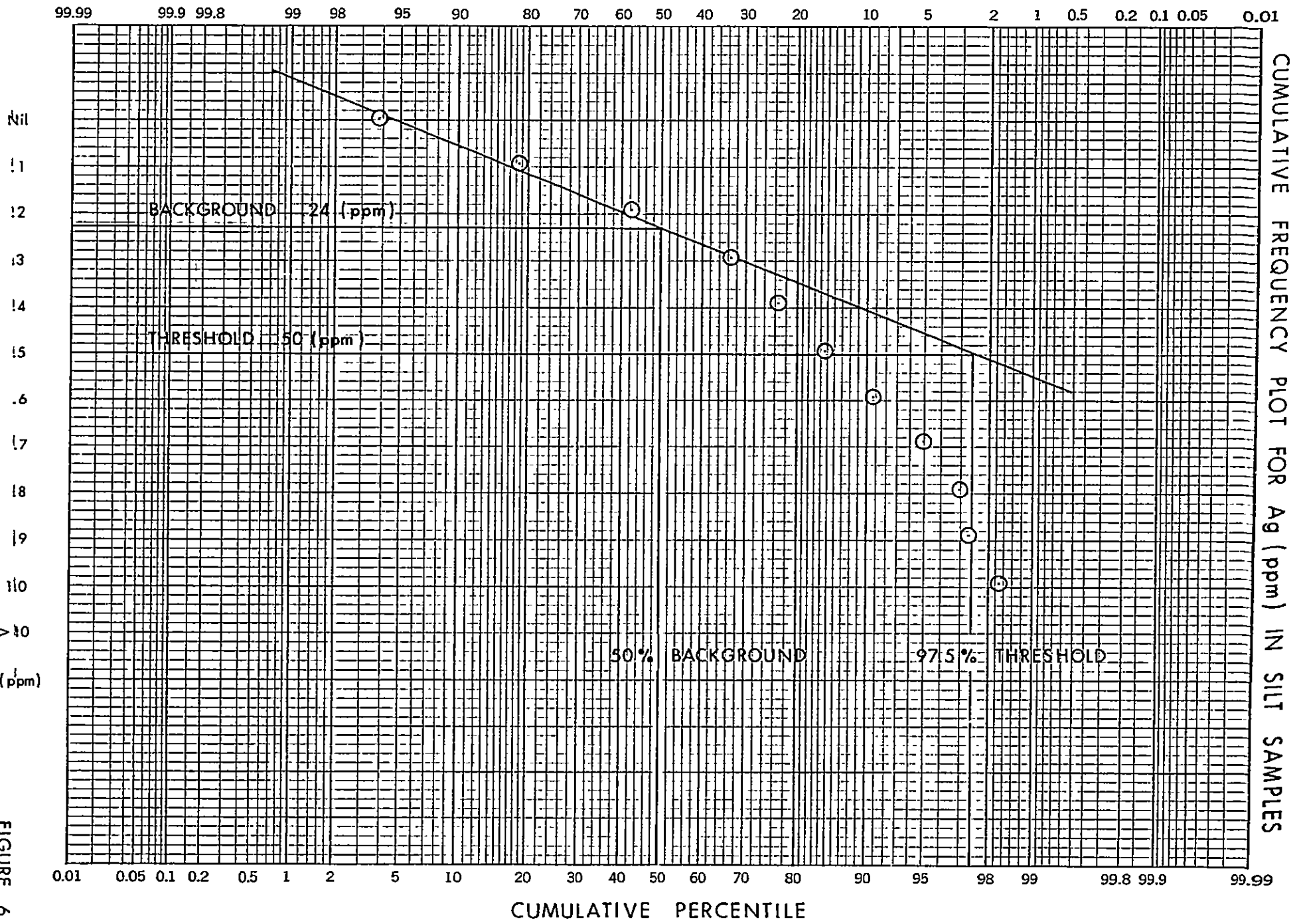


FIGURE 6

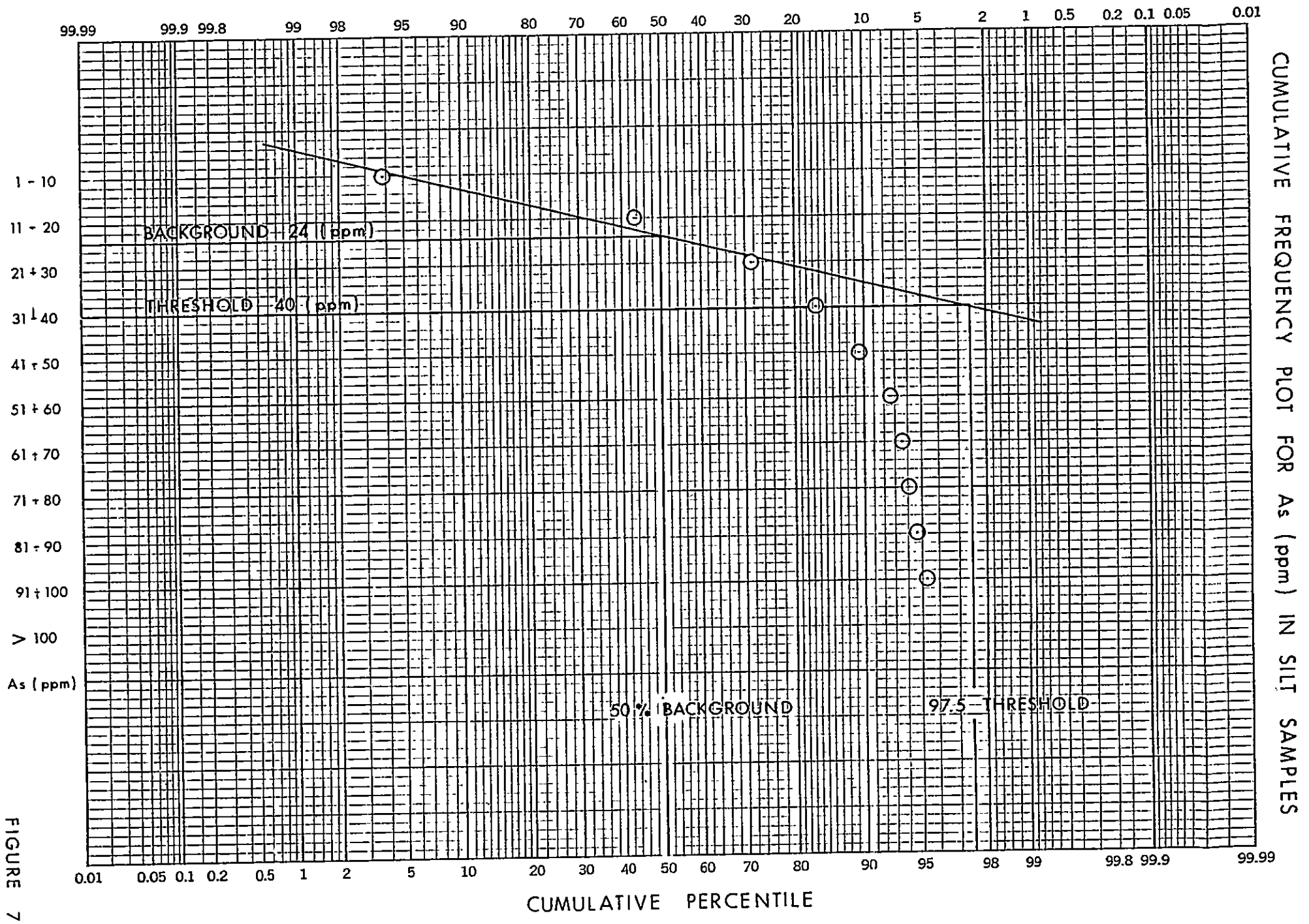


FIGURE 7

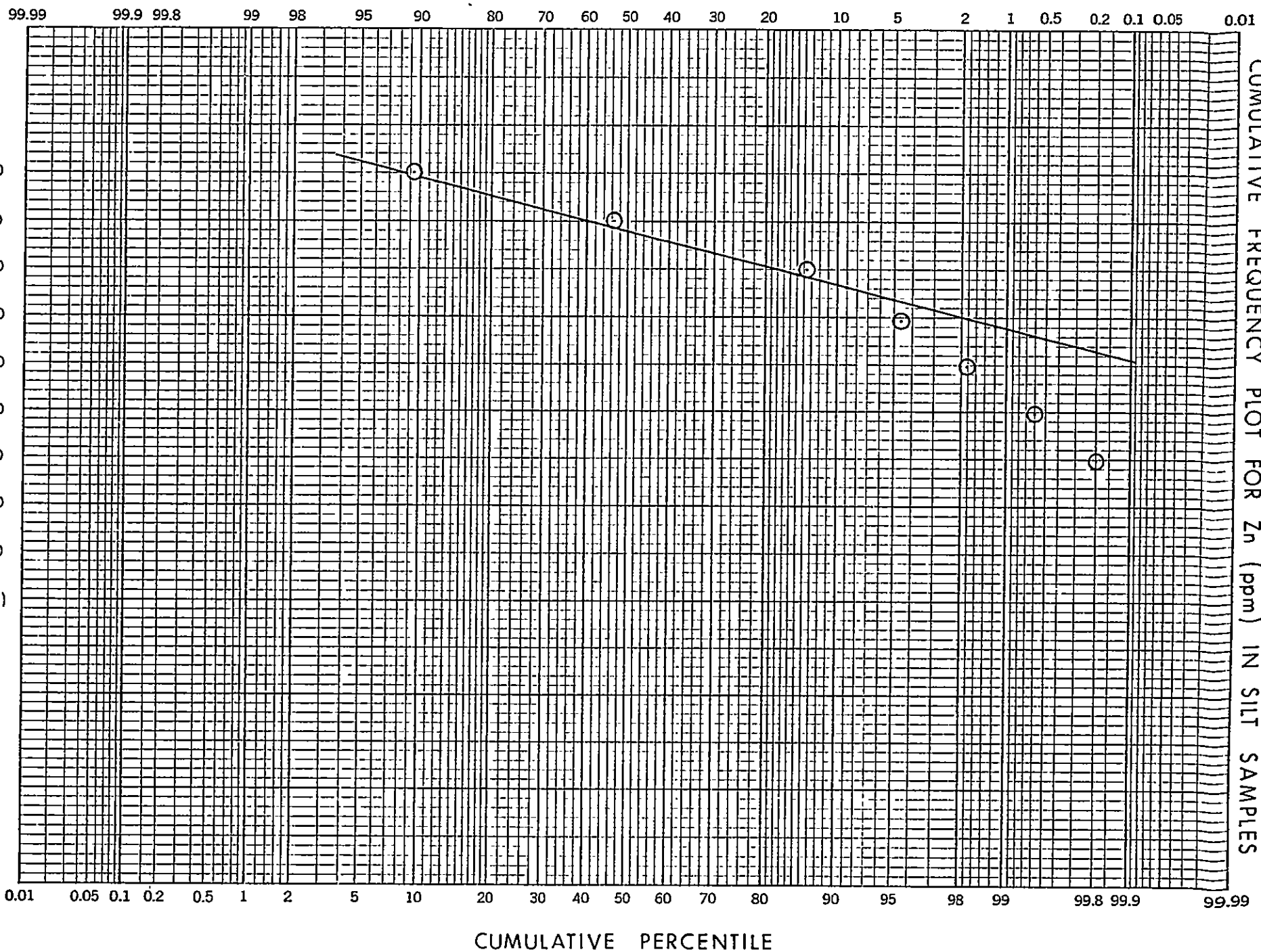


FIGURE 8

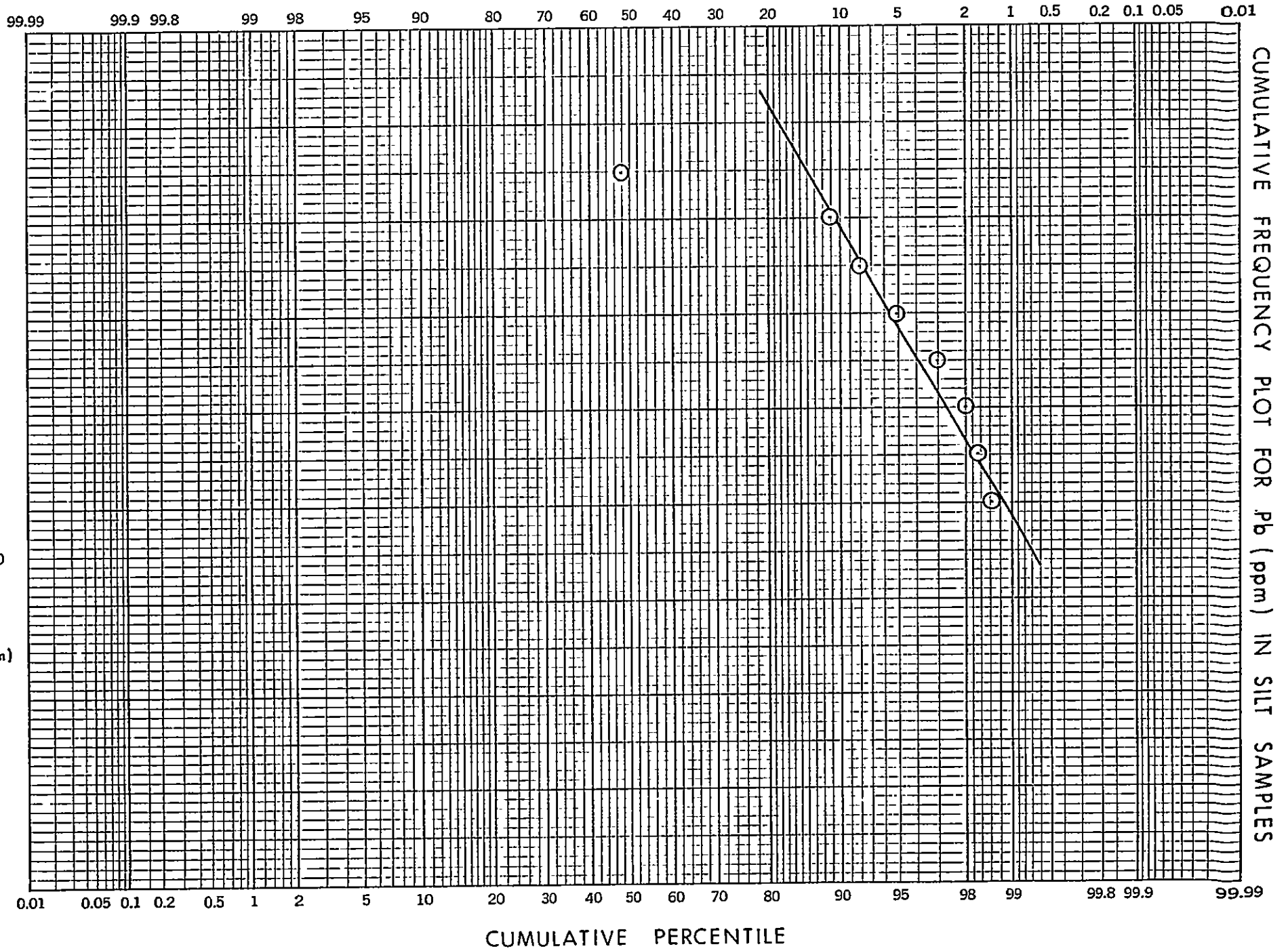


FIGURE 9

GEOCHEMICAL SURVEYS

Rock Geochemistry

A total of thirty-three .5 to 1.5 kilogram rock samples were collected during reconnaissance prospecting and detailed silt sampling programs. Twenty-four of the samples taken were from chip sampling outcrop exposure.

The chip samples varied between .5 to 2.0 meters in width. The remaining 9 rock samples were float specimens collected while stream silt sampling.

The samples were sent to Loring Laboratories located at 629 Beaverdam Road N.E., Calgary, Alberta where they were crushed, split and ground to -80 mesh. The samples were analysed using standard geochemical methods for gold, silver, lead, zinc and arsenic. The 1987 pulps from the rock geochemistry programs were analyzed for copper, lead, zinc and arsenic.

The rock geochemical survey failed to identify significant zones of anomalous gold or silver in outcrop, however weakly significant gold values were obtained from analysis of float samples collected during the silt sampling program. Gold values as high as 0.092 opt were obtained by assaying the samples after geochemical analysis yielded values of +1000 ppb gold.

The reconnaissance prospecting and rock geochemical sampling program entailed sampling of gossanous, sheared, silicified and mineralized outcrop and several predominately barren quartz veins. All geochemical data is plotted on Figures 10, 11 and 12.



Silt Geochemistry

A total of 288 stream silt samples were collected from the Treaty and Stan claim groups. The samples were screened to a -1 mm mesh, dried and sent to Loring Laboratories in Calgary, Alberta, located at 629 Beaverdam Road N.E. The samples were crushed, split and ground to a -80 mesh. The samples were analyzed for gold, silver, lead, zinc and arsenic using standard geochemical methods.

Samples having values of +1000 ppb gold were assayed. The assayed values ranged from .029 to .229 opt gold.

The 1988 silt sampling program was a success in identifying anomalous gold values, yet disappointing results were obtained when detailed surveys were completed over areas where the 1987 reconnaissance silt sampling program yielded highly anomalous gold values. The west slope draining into Drysdale Glacier and the south slope draining into Treaty Creek showed highly anomalous gold values after the 1987 reconnaissance silt sampling program but the follow-up detailed program yielded weakly anomalous gold values at best. The north slope draining into Treaty Creek yielded the highest anomalous values in gold. See Figures 10-12 for exact locations of anomalous precious and base-metal values obtained from silt sampling.

CONCLUSIONS

1. The property is underlain by Jurassic age volcanic and sedimentary rocks. These rocks host numerous gold-silver deposits in the Stewart-Sulphurets area.
2. The property is adjacent to the high-grade coarse native gold showings of Teuton Resources Treaty and TR claims.
3. Numerous anomalous gold and silver silt samples were indicated on the property.
4. The property presents a good potential as an exploration target for gold-silver mineralization. Further work consisting of mapping, detailed rock geochemistry and prospecting is recommended, particularly along the volcanic-sediment contact between the respective Betty Creek and Salmon River Formations.

RECOMMENDATIONS

Prospecting and mapping all structural features on the property should be undertaken in order to evaluate the mineral potential. A detailed rock geochemistry program should be employed in an attempt to outline anomalous gold and silver values in outcrop.

Due to the numerous, weakly to highly anomalous gold and silver values associated with the many streams encountered on the property, a reconnaissance geophysical program is also recommended. A magnetic and VLF survey would be best suited for the reconnaissance program. An approximate total of a \$100,000 exploration program is recommended.

STATEMENT OF EXPENDITURES

	<u>Treaty 3-7</u>	<u>Treaty 2 Stan 1-4</u>
Personnel (wages)	4,505.00	5,380.00
Helicopter	9,215.28	5,463.27
Support	832.50	1,656.00
Samples analysis	1,275.00	3,555.00
Consumables	230.00	230.00
Shipping	230.00	230.00
Expediting	750.00	750.00
Communication	230.00	230.00
Report writing	2,500.00	2,500.00
Typing and drafting	<u>800.00</u>	<u>800.00</u>
Total	<u>\$20,567.78</u>	<u>\$20,794.27</u>

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Assessment Report on the Treaty 2 and Stan 1-4 Claims, Treaty Creek  
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Report on Corey Claim Group, Stewart, B.C., NTS 104B/8W, Skeena  
Mining Division



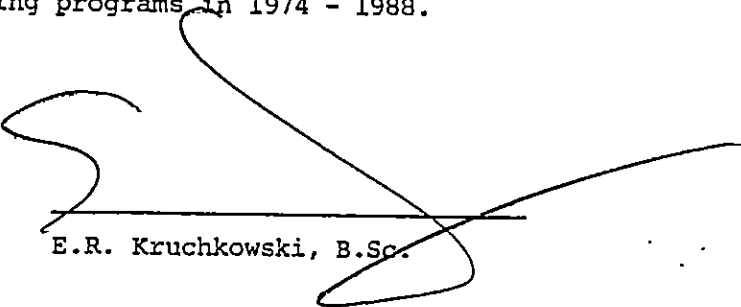
CERTIFICATE

I, EDWARD R. KRUCHKOWSKI, Geologist, residing at 23 Templeside Bay, N.E., in the City of Calgary, in the Province of Alberta, hereby certify that:

1. I received a Bachelor of Science degree in Geology from the University of Alberta in 1972.
2. I have been practising my profession continuously since graduation.
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I am a consulting geologist on behalf of Bighorn Development Corporation.
5. This report is based on a review of reports, documents, maps and other technical data on the property area and on my experience and knowledge of the area obtained during programs in 1974 - 1988.

September 22, 1988

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
E.R. Kruchkowski, B.Sc.

To: BIGHORN DEVELOPMENT P.L.  
400, • 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584  
Date August 22, 1988  
Samples Rock & Soil  
PROJECT: TREATY



ATTN: Jack Wyder

# Certificate of Assay

## LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.	OZ./TON GOLD	% Pb	% Zn
------------	-----------------	---------	---------

"Rock Samples"  
"Assay Analysis"

DL-88-56	.066	.30	.34
DL-88-68	.092	.14	1.03
DL-88-74	.040	-	-
AH-88-25	.029	-	-
AH-88-26	.220	-	-
AH-88-29	.030	-	-

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  
are made in advance.

  
Assayer



To: BIGHORN DEVELOPMENT P.P.,

400, 255 - 17th Avenue S.W.,

Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Rock

PROJECT: TREATY



ATTN: Jack Wyder


# Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
"Rock Samples"					
Geochemical Analysis					
KK-88- 01	5	10	95	0.1	28
02	15	19	121	0.3	14
03	15	20	113	0.4	12
04	20	19	59	0.3	15
05	15	11	40	0.1	4
06	5	16	49	NIL	17
07	15	20	73	0.4	20
08	10	9	35	NIL	3
09	5	17	66	0.1	17
10	15	32	43	0.5	28
11	25	20	49	0.1	9
12	25	12	44	NIL	4
13	5	26	22	NIL	3
14	15	12	25	NIL	2
15	20	7	30	NIL	3
16	5	9	34	NIL	3
17	20	19	115	0.2	19
18	15	19	92	0.1	12
19	10	11	36	NIL	13
20	10	11	32	0.1	2
21	15	8	66	0.1	6
22	10	13	37	NIL	1
23	5	8	50	0.1	4
24	20	20	75	0.4	19
DL-88- 56	+1000	+1000	+1000	8.9	158
66	30	33	84	0.1	15
67	15	77	85	0.1	4
68	+1000	+1000	+1000	13.7	480
72	570	52	146	0.8	147
73	35	30	110	0.2	14
74	+1000	88	38	6.5	540

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  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT RP.,

400, 255 - 17th Avenue S.W.,

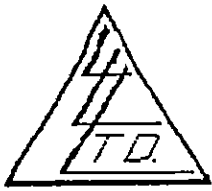
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Rock

PROJECT: TREATY



ATTN: Jack Wyder

# Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.	PPB AU	PPM Pb	PPM Zn	PPM Ag	PPM As
DL-88-112	40	63	98	1.0	49
117	20	19	132	0.3	18

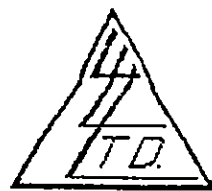
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.  
Pulps retained one month  
unless specific arrangements  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584  
 Date August 22, 1988  
 Samples Soil  
 PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 4

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
"Soil Samples"					
Geochemical Analysis					
AH-88-01	140	38	167	0.4	74
02	65	22	86	0.2	37
03	70	48	120	0.4	54
04	50	28	109	0.3	50
05	35	23	96	0.3	39
06	30	21	93	0.2	38
07	30	22	81	0.3	32
08	30	26	79	0.2	31
09	35	25	89	0.3	33
10	30	25	76	0.2	32
11	35	22	82	0.2	34
12	25	41	82	0.3	37
13	30	24	84	0.3	35
14	30	21	74	0.2	33
15	35	25	74	0.3	38
16	140	26	84	0.5	58
17	55	101	78	0.7	45
18	60	26	87	0.4	59
19	40	24	123	0.3	39
20	55	24	111	0.3	42
21	510	44	84	0.4	36
22	30	19	80	0.3	31
23	40	33	81	0.2	43
24	70	20	80	0.5	32
25	+1000	62	272	0.7	193
26	+1000	61	250	1.4	123
27	690	58	205	0.7	179
28	435	83	196	1.0	183
29	+1000	43	253	0.6	107
30	25	21	96	0.3	21
31	25	29	93	0.2	22

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  
 are made in advance.

*Lang Swaley*  
 Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1998

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder


## Certificate of Assay LORING LABORATORIES LTD.

Page # 5

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
AH-88-32	50	22	106	0.4	19
33	35	20	87	0.4	25
34	120	34	198	0.5	62
35	240	55	240	0.7	119
36	120	30	173	0.6	47
37	365	51	169	0.7	97
38	240	43	190	1.0	90
39	550	39	193	0.6	86
40	315	46	206	12.4	102
41	50	22	132	0.3	26
42	30	18	102	0.3	17
43	25	18	108	0.2	22
44	310	18	106	0.2	31
45	30	19	105	0.3	27
46	25	18	110	0.3	24
47	220	19	112	0.4	28
48	20	18	108	0.3	20
49	140	19	108	0.2	25
50	105	19	113	0.8	31
51	20	20	138	0.3	17
52	20	18	137	0.3	16
53	10	18	112	0.2	17
54	10	17	110	0.2	15
55	20	18	119	0.2	23
56	15	18	114	0.2	18
57	15	17	113	0.1	19
58	60	18	114	0.1	18
59	200	17	115	0.2	22
60	10	21	164	0.6	26
61	10	19	170	0.2	27
62	30	26	186	0.3	29
63	15	24	161	0.3	35
64	5	26	178	0.3	38

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  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder

# Certificate of Assay

## LORING LABORATORIES LTD.

Page # 6

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
AH-88-65	15	21	172	0.3	26
66	5	22	170	0.7	27
67	10	20	163	0.6	26
68	10	20	161	0.4	27
69	10	20	168	0.3	29
70	5	21	169	0.7	23
71	5	23	168	0.5	28
72	10	22	181	0.3	24
73	10	22	173	0.3	26
74	15	21	169	0.5	20
75	10	20	166	0.6	18
76	10	21	166	0.3	36
77	20	20	169	0.4	20
78	10	20	176	0.5	26
79	80	19	162	0.2	22
80	115	22	166	0.2	31
81	130	20	158	0.3	24
82	290	21	169	0.4	31
83	240	19	159	0.3	25
84	100	23	166	0.4	30
85	50	20	173	0.2	28
86	55	17	158	0.2	13
87	95	21	209	0.3	39
88	55	18	153	0.3	13
89	140	19	156	0.1	20
90	110	21	168	0.2	27
91	50	19	151	0.2	24
92	90	21	173	0.3	26
93	35	20	161	0.3	33
94	10	22	157	0.2	33
95	65	21	171	0.2	28
96	35	19	150	0.2	23
97	140	21	172	0.2	29

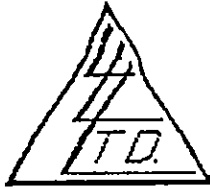
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

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Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584  
Date August 22, 1988  
Samples Soil  
PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 7

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
AH-88- 98	15	21	161	0.2	29
99	25	16	120	0.1	11
100	980	20	171	0.2	23
101	15	18	162	0.1	11
102	20	19	177	0.3	17
103	30	21	154	NIL	44
104	40	21	163	0.1	18
105	60	21	183	NIL	20
106	5	21	171	NIL	25
107	30	21	179	NIL	26
108	15	23	179	NIL	27
109	180	17	135	NIL	12
110	45	18	137	NIL	12
111	20	21	116	0.2	11
112	280	16	106	NIL	11
113	25	17	105	NIL	12
114	250	17	101	0.5	11
115	30	15	93	NIL	9
116	NIL	18	103	NIL	11
117	NIL	18	102	NIL	11
118	NIL	15	102	NIL	10
119	50	16	93	0.2	13
120	NIL	16	99	0.1	10
121	NIL	20	124	0.2	11
122	5	25	173	0.4	16
123	20	26	191	0.4	15
124	NIL	24	208	0.7	15
125	10	24	184	0.5	15
126	5	27	196	0.5	17
127	10	28	199	0.6	15
128	NIL	26	193	0.5	15
129	NIL	32	200	0.6	17
130	NIL	27	206	0.2	15

I Hereby Certify that the above results are those  
assays made by me upon the herein described samples....

Rejects retained one month.  
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are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 8

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
DL-88- 40	400	55	204	0.7	197
41	440	45	241	1.2	115
42	680	43	170	0.9	91
43	50	21	124	0.7	35
44	65	19	110	0.7	33
45	NIL	17	112	0.6	26
46	30	19	107	0.6	36
47	15	18	109	0.5	21
48	20	18	108	0.5	28
49	60	19	105	0.4	36
50	90	17	101	0.7	41
51	245	24	126	0.5	60
52	30	19	94	0.6	36
53	315	20	143	0.6	45
54	100	20	109	0.4	41
DL-88- 57	15	23	121	0.5	60
58	10	20	101	0.5	43
59	10	27	120	0.6	59
60	15	21	117	0.5	55
61	90	21	118	0.6	50
62	45	20	111	0.5	39
63	65	23	107	0.6	47
64	25	34	71	0.6	26
65	60	22	127	0.6	60
DL-88- 69	110	23	131	1.1	174
70	85	22	114	0.7	61
71	70	22	115	1.1	54
DL-88- 75	100	23	105	0.4	72
76	60	21	107	0.3	55
77	60	23	117	0.2	43
78	90	22	103	0.3	62
79	600	25	109	0.3	42
80	15	18	121	0.2	37

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

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are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,

File No. 31584

400, 255 - 17th Avenue S.W.,

Date August 22, 1988

Calgary, Alberta T2S 2T8

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder


# Certificate of Assay LORING LABORATORIES LTD.

Page # 9

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
DL-88- 81	20	19	121	0.3	35
82	25	19	115	0.3	20
83	25	18	112	0.1	34
84	20	19	125	0.2	35
85	25	18	119	0.4	34
86	40	18	130	0.3	37
87	20	19	134	0.3	37
88	15	21	141	0.2	41
89	5	22	135	0.3	44
90	15	21	142	0.4	43
91	20	20	135	0.3	39
92	20	14	116	0.1	7
93	10	15	111	0.1	8
94	10	15	108	0.1	9
95	5	15	109	0.1	9
96	10	15	117	0.1	10
97	20	16	109	0.1	10
98	20	16	121	0.1	7
99	20	16	108	0.1	10
100	20	21	157	0.6	12
101	15	20	155	0.5	12
102	10	21	163	0.3	11
103	20	21	162	0.2	14
104	25	21	166	0.8	11
105	20	20	171	0.3	12
106	25	20	158	0.2	17
107	15	20	174	0.2	13
108	25	21	180	0.4	13
109	15	21	179	0.3	15
110	15	22	185	0.3	17
111	15	21	182	0.2	15
DL-88-113	20	19	176	0.3	17
114	29	29	184	0.3	17

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

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are made in advance.

  
Assayer



To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 10

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
DL-88-115	20	19	178	0.2	13
116	30	19	135	0.2	13
DL-88-118	50	20	165	0.2	12
119	25	20	128	0.2	18
120	15	21	156	0.1	12
121	40	18	148	0.1	13
122	5	19	180	0.1	17
123	15	19	139	0.1	13
124	30	16	146	0.1	15
125	30	16	138	0.2	12
126	10	16	139	0.1	12
127	45	17	147	0.2	13
128	15	16	144	0.2	12
129	20	20	188	0.3	14
130	15	30	360	0.5	13
131	10	32	352	0.2	21
132	20	33	421	0.3	22
133	35	32	403	0.6	23
134	15	32	341	0.3	19
135	5	21	184	0.2	21
136	10	21	166	0.2	24
137	10	24	177	0.1	25
138	10	21	171	0.2	22
139	40	22	165	0.1	24
140	15	29	178	0.3	27
141	15	21	165	0.8	26
142	20	21	153	0.2	22
143	5	25	161	0.4	22
144	15	20	154	0.3	20
145	15	19	152	0.1	19
146	NIL	27	163	0.2	21
147	10	20	161	0.1	21
148	20	22	161	0.1	23

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  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 11

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
DL-88-149	15	21	147	0.4	22
150	20	19	149	0.1	21
151	25	21	152	0.2	22
152	20	26	139	0.1	22
153	55	23	152	0.1	26
154	NIL	22	147	0.1	28
155	10	21	145	0.1	21
156	10	23	144	0.1	18
157	5	23	159	0.1	20
158	15	20	140	0.1	22
159	10	20	150	0.2	23
160	15	21	138	0.1	22
161	10	23	143	0.2	22
162	10	23	151	0.2	26
163	5	20	140	0.2	23
164	NIL	23	154	0.1	23
165	NIL	20	143	0.2	22
166	NIL	20	139	0.2	23
167	5	20	141	0.2	21
168	5	20	142	0.2	23
169	NIL	20	142	0.1	26
170	NIL	22	127	0.1	22
171	NIL	23	136	0.1	17
172	10	27	143	0.5	17
AJ-88- 01	10	20	192	0.2	15
02	15	21	187	0.2	14
03	15	21	240	0.2	17
04	15	21	204	0.4	15
05	NIL	20	202	0.3	17
06	20	20	190	0.5	14
07	5	21	281	0.4	19
08	NIL	23	293	0.3	25
09	5	23	280	0.4	24

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  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584  
Date August 22, 1988  
Samples Soil  
PROJECT: TREATY



ATTN: Jack Wyder

## Certificate of Assay LORING LABORATORIES LTD.

Page # 12

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
AJ-88- 10	NIL	24	302	0.4	27
11	30	24	270	0.4	22
12	10	25	271	0.4	25
DJ-88- 01	10	19	116	0.5	11
02	5	19	240	0.4	20
03	NIL	19	203	0.4	19
04	5	19	174	0.4	17
05	5	19	282	0.3	19
06	10	19	190	0.7	19
07	5	20	183	0.2	18
08	NIL	17	180	0.3	20
09	5	19	172	0.2	19
10	15	18	171	0.2	16
11	NIL	19	188	0.3	19
12	NIL	19	242	0.3	16
13	25	22	240	0.2	18
14	20	19	205	0.3	19
15	20	19	186	0.3	16
16	45	19	184	0.3	18
17	10	19	188	0.2	18
18	20	19	185	0.2	20
19	5	20	243	0.4	22
20	35	19	206	0.3	18
21	645	18	189	0.5	17
22	5	19	187	0.3	17
JP-88- 01	40	19	200	0.3	20
02	10	18	202	0.3	17
03	5	18	241	0.1	16
04	15	20	243	0.2	14
05	20	24	262	0.5	14
06	20	22	208	0.3	18
07	15	12	197	0.3	15
08	5	20	201	0.3	16

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  
are made in advance.

  
Assayer

To: BIGHORN DEVELOPMENT CORP.,  
400, 255 - 17th Avenue S.W.,  
Calgary, Alberta T2S 2T8

File No. 31584

Date August 22, 1988

Samples Soil

PROJECT: TREATY



ATTN: Jack Wyder

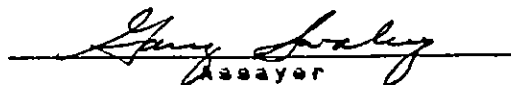
## Certificate of Assay LORING LABORATORIES LTD.

Page # 13

SAMPLE NO.	PPB Au	PPM Pb	PPM Zn	PPM Ag	PPM As
JP-88- 09	5	18	189	0.3	15
10	5	18	202	0.3	18
11	15	19	199	0.3	17
12	35	18	195	0.5	14
13	40	19	208	0.8	15
14	5	17	206	0.3	17
15	5	18	192	0.4	17
16	40	19	185	0.2	17
17	10	18	230	0.1	22

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  
are made in advance.

  
Assayer

To: BIG HORN DEVELOPMENT CORP.

F<sup>2</sup> No. 29982-1

400, 255 - 17th Ave. S.W.

Date Aug. 4, 1988

Calgary, Alberta T2S 2T8

Samples pulp

ATTN: Jack Wyder



# Certificate of Assay

## LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.	PPM Cu	PPM Pb	PPM Zn	PPM As
Geochemical analysis				
18014 SR2-01	24	250	240	38
18015 SR2-02	22	132	390	41
18016 SR2-03	47	40	142	426
18017 SR2-04	41	880	590	52
18018 SR2-05	176	45	240	25
18019 SR2-06	7	41	189	16
18020 SR2-07	12	49	340	5
18021 SR2-08	18	31	112	7
18022 SR3-01	54	28	400	45
18023 SR3-02	67	63	450	21
18024 SR3-03	56	64	460	12
18025 ST1-GR-4F	440	92	710	5
18026 SR1-1	25	44	174	51
18027 TR7-02	49	41	320	105
18028 TR7-5	23	27	139	5
18029 TR7-1	50	89	710	277
18030 TR7-2	35	50	450	8
18031 TR7-6	38	32	128	29
18032 TR7-8	24	37	77	3
18033 TR7-9	20	33	76	2
18034 TR7-10	23	25	129	9
18035 TR7-11	35	47	182	19
18036 TR4-1	8	17	95	6
18037 TR3-4	17	15	93	14
18038 TR3-1	164	570	760	68
18039 TR2-1	60	22	91	13
18040 TR6-1	63	25	169	10
18041 TR5-1	6	44	180	6
18042 TR5-2	43	26	165	150
18043 TR5-3	15	33	92	18
18044 TR5-4	44	18	62	nil

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Objects retained one month.  
Pulps retained one month  
unless specific arrangements  
are made in advance.

  
Assayer

To: BIG HORN DEVELOPMENT CORP.

#400, 255 - 17th Ave. S.W.

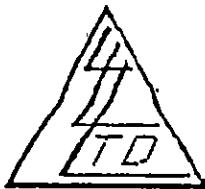
Calgary, Alberta T2S 2T8

ATTN: Jack Wyder

File No. 29982-1

Date Aug. 4, 1988

Samples pulp



# Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.	PPM Cu	PPM Pb	PPM Zn	PPM As
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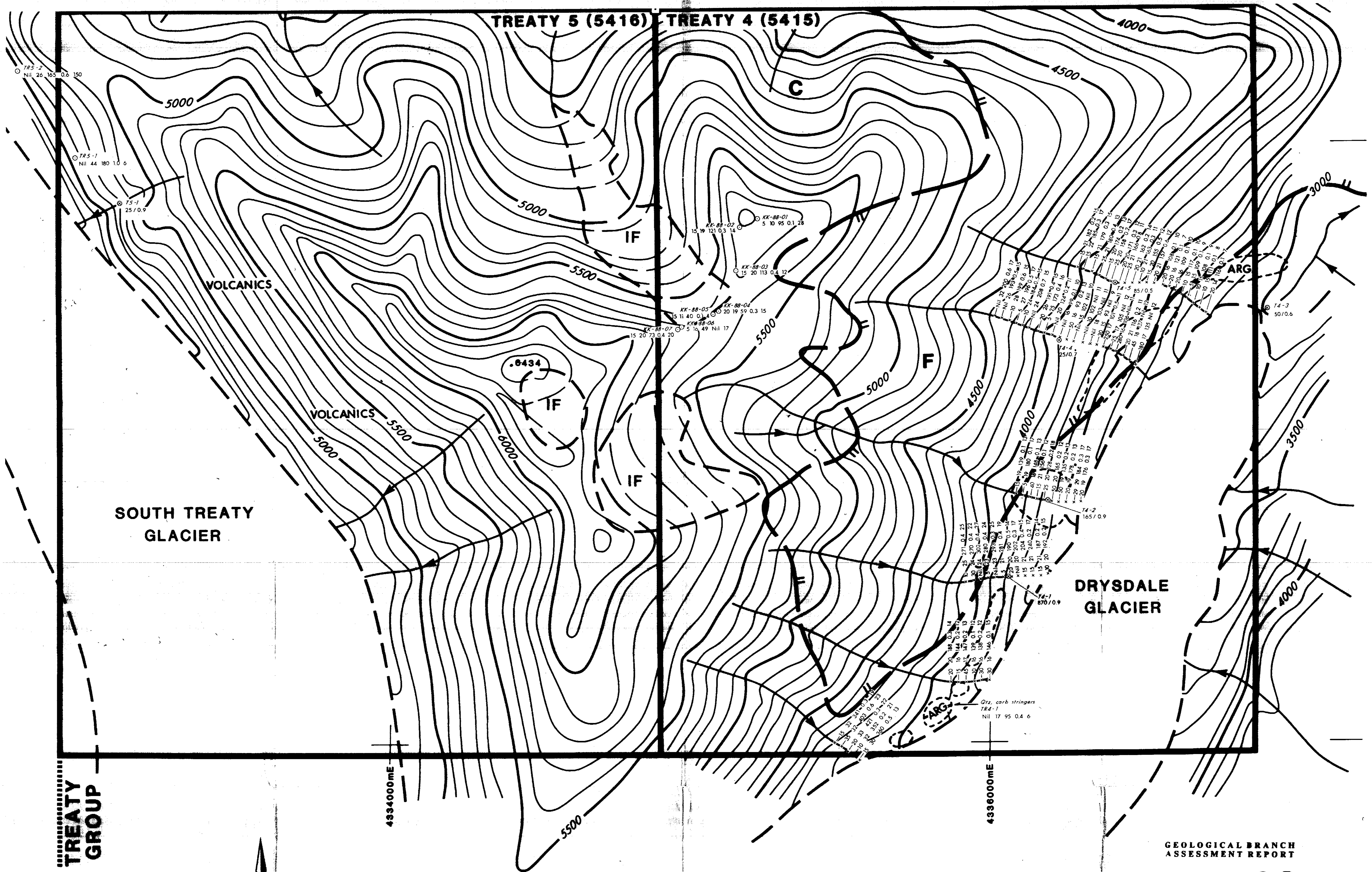
## Geochemical analysis

18045 TR5-5	18	26	201	25
18046 TR5-6	15	39	158	6
18047 TR5-7	21	28	390	17
18048 TR5-8	9	55	97	21

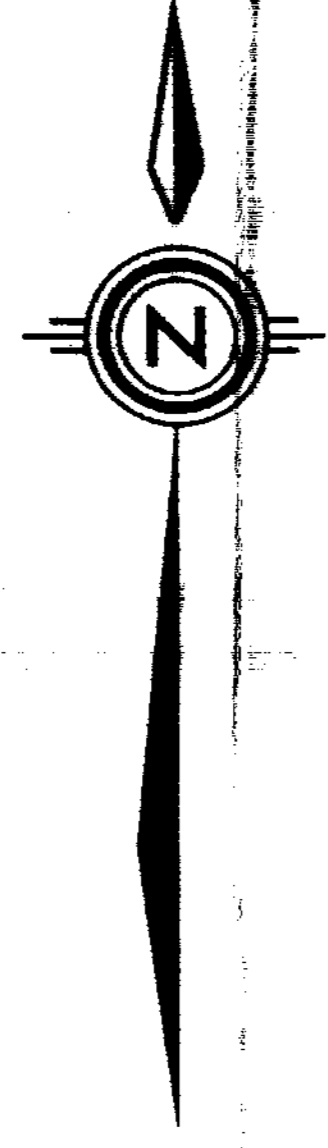
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.  
Pulps retained one month  
unless specific arrangements  
are made in advance.

  
Assayer



TREATY GROUP

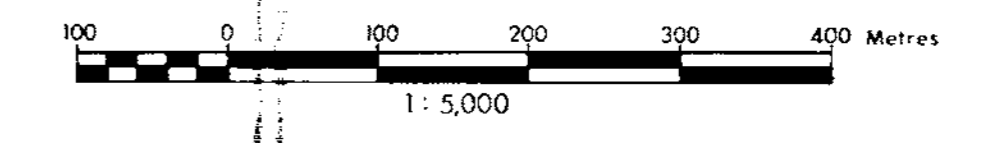


LEGEND

- Silt Sample Site (1987)
- Silt Sample No. (1987)
- Silt Sample Site (1988)
- Rock Sample Site
- Rock Sample No.
- Sample Values
- Icefield
- Outcrop
- || Wooded Area (F - Forested C - Clear)
- Marsh
- Direction of Flow
- Claim Boundary & LCP
- Gravel Bar
- Contour (feet) Interval - 100'

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,798

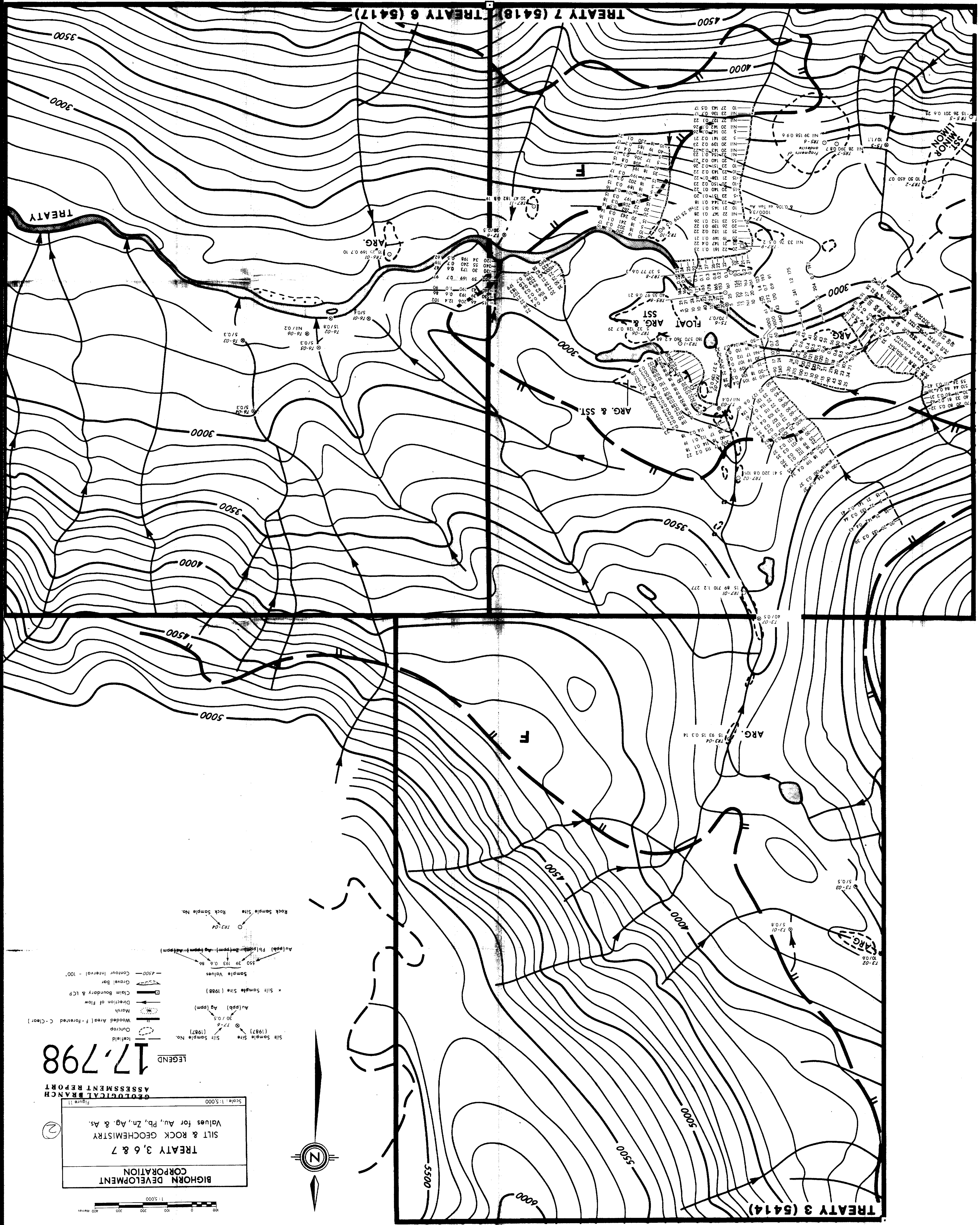


**BIGHORN DEVELOPMENT CORPORATION**

**TREATY 4 & 5**  
SILT & ROCK GEOCHEMISTRY  
Values for Au, Pb, Zn, Ag, & As.

Scale: 1:5,000 Figure 12



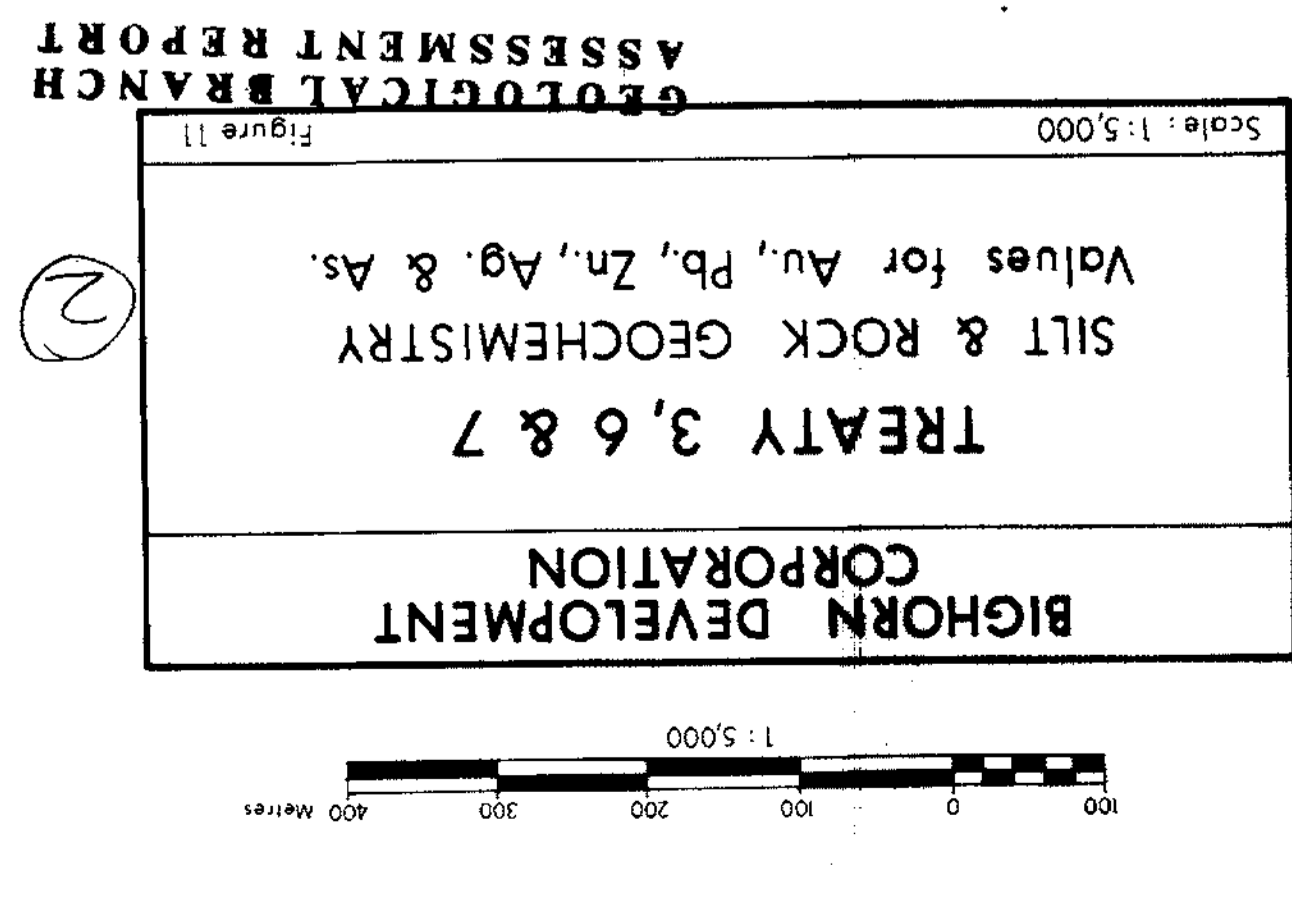


TREATY 3 (5414)

TREATY 7 (5418) TREATY 6 (5417)

17,798

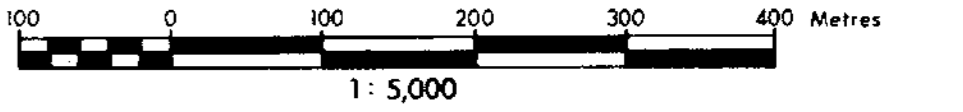
**BIGHORN DEVELOPMENT CORPORATION**  
**TREATY 3, 6 & 7**  
**SILT & ROCK GEOCHEMISTRY**  
**VALUES FOR Au, Pb, Zn, Ag & As.**



LEGEND

- Field
- Outcrop
- Wooded Area (F - Forested, C - Clear)
- Marsh
- Direction of Flow
- Claim Boundary & LCP
- Gravel Bar
- Contour Interval - 100'
- Sample Values
- Silt Sample Site (1987) (1987) Ag (ppm) Au (ppb) Pb (ppb) Zn (ppm) Ag (ppm) Au (ppb) Pb (ppb) Zn (ppm) Ag (ppm)
- Silt Sample Site (1988) Ag (ppm) Au (ppb) Pb (ppb) Zn (ppm) Ag (ppm)
- Rock Sample Site (1987) (1987) Ag (ppm) Au (ppb) Pb (ppb) Zn (ppm) Ag (ppm)
- Rock Sample Site (1988) Ag (ppm) Au (ppb) Pb (ppb) Zn (ppm) Ag (ppm)





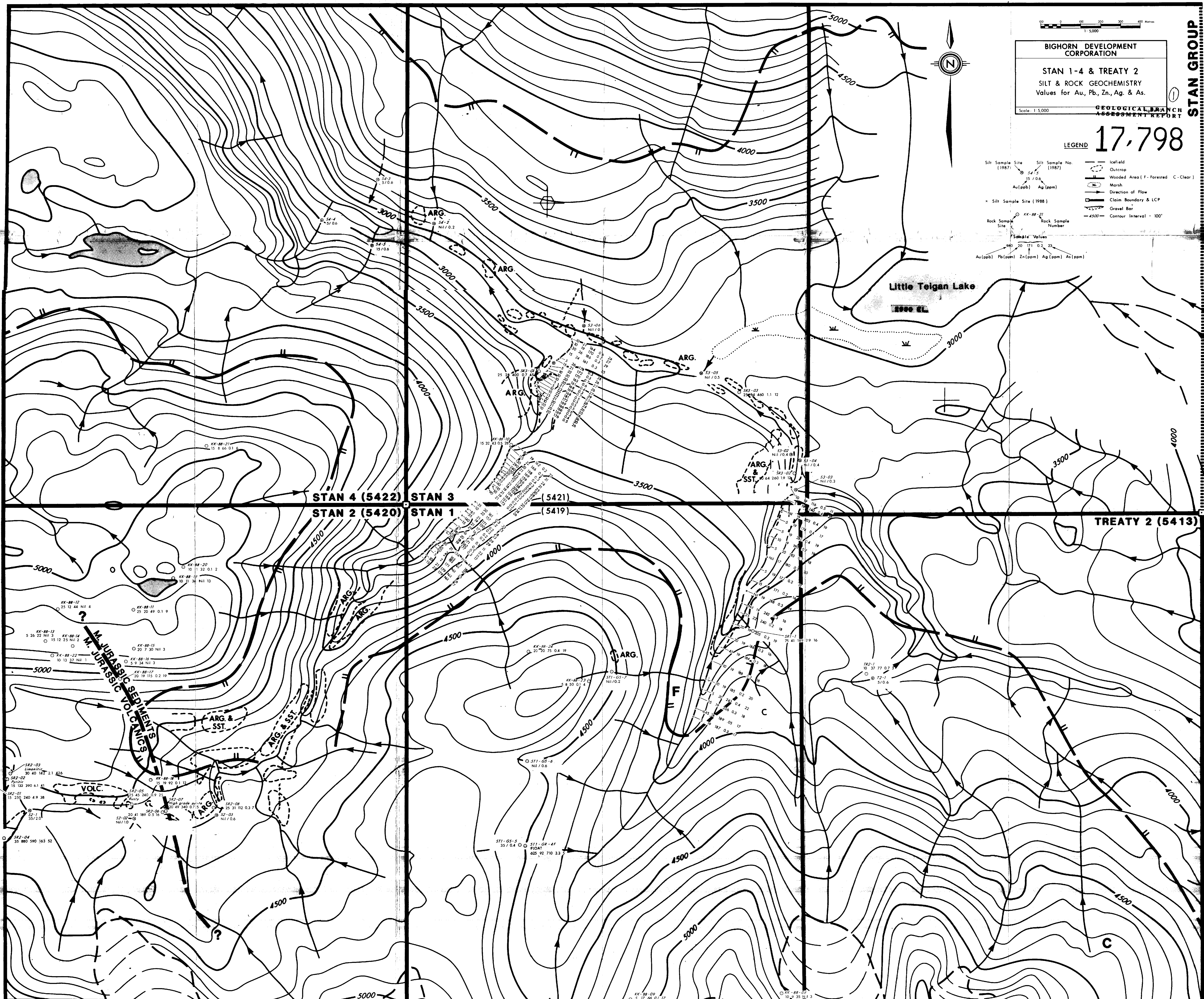
BIGHORN DEVELOPMENT CORPORATION

STAN 1-4 & TREATY 2  
SILT & ROCK GEOCHEMISTRY  
Values for Au, Pb, Zn, Ag, & As.

Scale 1:5,000 GEOLOGICAL BRANCH ASSESSMENT REPORT

LEGEND 17,798

- Silt Sample Site (1987)
- Silt Sample No. (1987)
- Icefield
- Outcrop
- Wooded Area (F - Forested C - Clear)
- Marsh
- Direction of Flow
- Claim Boundary & LCP
- Gravel Bar
- Contour Interval - 100'
- Silt Sample Site (1988)
- Rock Sample Site
- Rock Sample Number
- Sample Values
- Au(ppb) Pb(ppm) Zn(ppm) Ag(ppm) As(ppm)



STAN 4 (5422) STAN 3 (5421)  
STAN 2 (5420) STAN 1 (5419)

TREATY 2 (5413)

M. JURASSIC SEDIMENT S.T.  
VOLC.

Little Teigan Lake  
3990 EL.

ARG.

C

KK-88-09 5 17 86 01 17  
KK-88-08 10 9 85 14 3