Office of the Supervising Mining Recorder
MAR 31 1981
WHITEHORSE
Yukon Territory

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT on the RY, FULLER AND WILSON MINERAL CLAIMS Yukon Territory

RECEIVED
1981 MAR 26
MINING RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

of

SILVER SCEPTRE MINES LTD.

VANCOUVER, B.C.

by

G.H. Giroux, P.Eng.

J.H. Montgomery, Ph.D., P.Eng.

090779

MAR 21 1981
Yukon Territory

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

$ 44,000.00

Resident Geologist or
Resident Mining Engineer

Considered as representation work under Section 58 of the Yukon Quartz Mining Act.

E. R. BAXTER
Supervising Mining Recorder

for Commissioner of Yukon Territory

TABLE OF CONTENTS

		PAGE
1.0	SUMMARY & CONCLUSIONS	1
2.0	INTRODUCTION	3
3.0	LOCATION AND ACCESS	4
4.0	CLAIM INFORMATION	6
5.0	REGIONAL GEOLOGY	8
6.0	RY GROUP	10
	6.1 Geology	10
	6.11 Lithologies	10
	6.2 Geochemistry	12
	6.21 Statistics	13
	6.22 Results	16
	6.23 Detailed Sampling of Vein	17
	6.3 Geophysics	18
	6.31 Magnetometer Survey	18
	6.311 Interpretation	19
	6.32 VLF EM Survey	20
7.0	FULLER GROUP	21
	7.1 Geology	21
	7.2 Geochemistry	21
	7.21 Results	23
	7.3 Geophysics	24
8.0	WILSON GROUP	25
	8.1 Geology	25
	8.2 Geochemistry	26
	8.21 Results	28
	8.3 Geophysics	28

TABLE OF CONTENTS

		PAGE
9.0	COST STATEMENT	29
10.0	CERTIFICATES	31
11.0	BIBLOGRAPHY	33

FIGURES

1.	Location Map	5
2.	Claim Map	7
3.	Regional Geology	9
4.	Geology Map - RY Claims	pocket
5.	Detailed Geology of Veins	pocket
6.	Geochemical Map PB - RY Claims	"
7.	" " ZN - " "	"
8.	" " AG - " "	"
9.	" " AS - " "	"
10.	" " CU - " "	"
11.	" " SN - " "	"
12.	Magnetometer Survey - RY Claims	"
13.	Geology Map - Fuller Claims	"
14.	Geochemical Map PB - Fuller Claims	"
15.	" " ZN - " "	"
16.	" " AG - " "	"
17.	" " AS - " "	"
18.	" " CU - " "	"
19.	" " SN - " "	"
20.	Magnetometer Survey - Fuller Claims	"
21.	Geology Map Wilson Claims	"
22.	Geochemical Map PB - Wilson Claims	"
23.	" " ZN - " "	"
24.	" " AG - " "	"
25.	" " AS - " "	"
26.	" " CU - " "	"
27.	" " SN - " "	"
28.	Magnetometer Survey - Wilson Claims	"

APPENDICES PAGE

I.	Geochemical Statistics for Ry Claims	34
II.	" " " Fuller Claims	53
III.	" " " Wilson Claims	68
IV.	Geochemical Results	74
V.	Vein Assay Results	120

1.0 SUMMARY AND CONCLUSIONS

1.1 Silver Sceptre Mines Limited holds title to 96 claims near the headwaters of the MacMillan River, Yukon Territory.

1.2 The claims are divided into three groups: Ry Group - 72 claims, Fuller Group - 8 claims and Wilson Group - 16 claims.

1.3 The Ry, Fuller and Wilson claims all lie near the contact between a granodiorite stock of the Itsi Range and mixed shales and cherts of the Devonian to Mississippian Earn Group.

1.4 The geology of each of the groups was mapped on a scale of 1:5000 using compass and ribbon lines for control. The area of vein mineralization on the Ry Group was mapped on a scale of 1:500.

1.5 Geochemical soil samples were collected at 50 meter intervals along all chained lines and were analyzed for Pb, Zn, Ag, As, Cu, and Sn.

1.6 Statistics were completed on the geochemical results and anomalous zones contoured.

1.7 Magnetometer surveys were completed over each of the three property grids.

1.8 A cost statement showing funds expended on a property basis is included.

2.0 INTRODUCTION

Silver Sceptre Mines Limited of Vancouver, British Columbia holds title to a total of 96 claims located in three groups near the headwaters of the MacMillan River, Yukon Territory.

During the period of July 7 to August 15, 1980 a program consisting of line-cutting, geochemical sampling, geologic mapping and magnetometer surveying was completed on these properties.

The purpose of program was to evaluate the two known lead-silver-tin veins and explore for additional mineralization.

3.0 LOCATION AND ACCESS

The claims are located in the Selwyn Mountains about 160 kilometers northeast of Ross River in Yukon Territory. (see Figure 1)

The Ry Group is located at the headwaters of the MacMillan River near the east end of Fuller Lake. The Ry claims are at elevations ranging from 1060 to 2130 meters (3500 to 7000 feet).

Latitude 62°56' Longitude 130°07'
NTS Reference 105J/16E

The Fuller claims are located on the western flank of the Itsi Range some 12.8 km (8 miles) west of the Ry claims at an elevation of 1220 meters (4000 feet).

Latitude 62°56' Longitude 130°24'
NTS Reference 105J/16W

The Wilson claims are about 3 km (2 miles) south of the Ry group on the southeastern flank of the Itsi Range. Elevations range from 1060 to 2130 meters (3500 to 7000 feet)

Latitude 62°53' Longitude 130°07'
NTS Reference 105J/16E

Access to all three groups is by helicopter from MacMillan Pass. MacMillan Pass can be reached from Whitehorse either by truck via the Canol Road or by a scheduled flight.

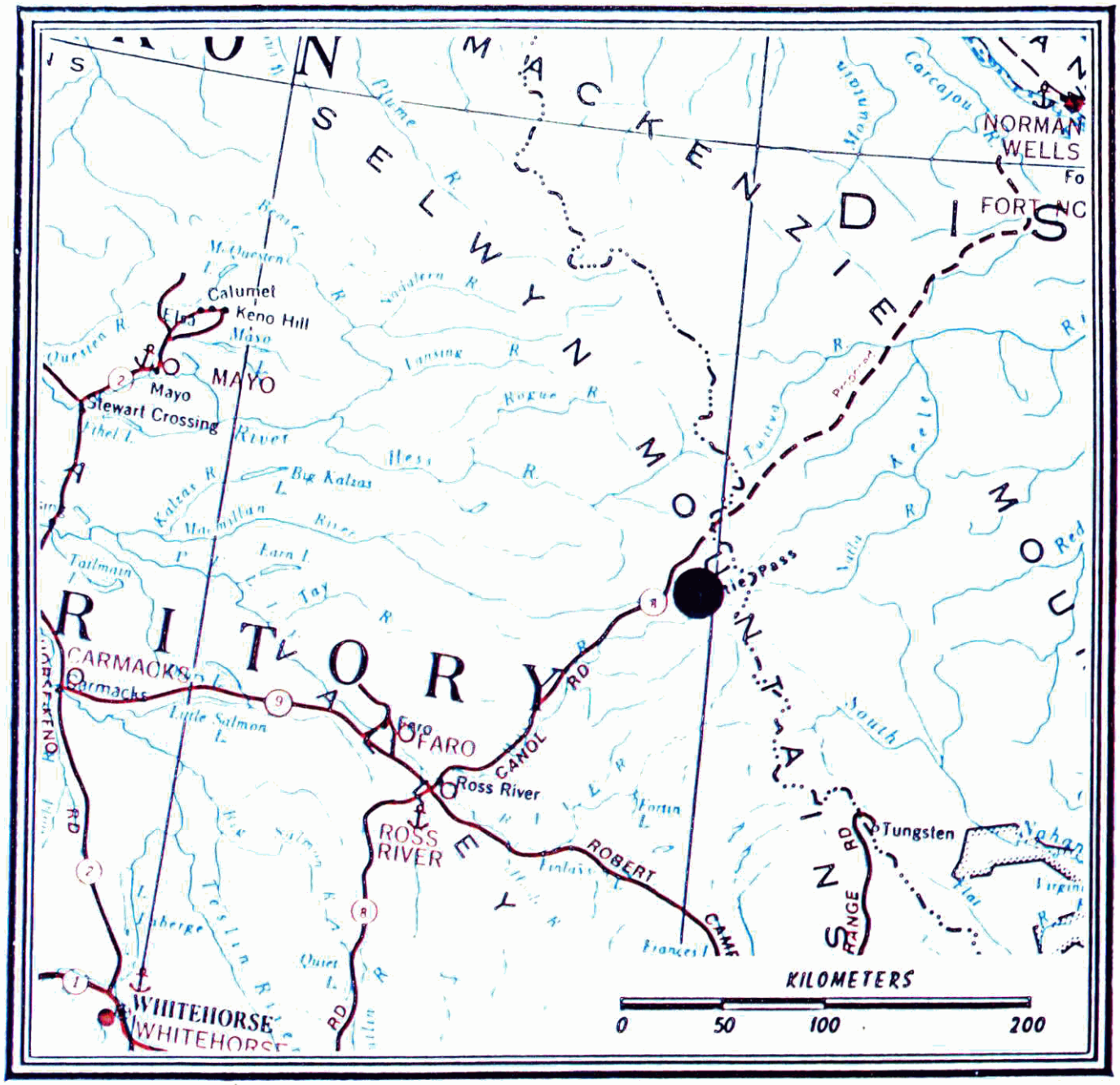


FIGURE 1

LOCATION MAP

FULLER LAKE PROJECT, Y.T.

SILVER SCEPTRE MINES LIMITED

MONTGOMERY CONSULTANTS LIMITED NOV. 1980

4.0 CLAIM INFORMATION

The Ry, Fuller and Wilson claims are all located near the headwater of the MacMillan River in Yukon, Territory. (see Figure 2)

The claims are located in three separate contiguous groups: Ry (72 claims), Wilson (16 claims) and Fuller (8 claims) for a total of 96 claims. The pertinent claim information is listed below:

Claim No.	Record No.	Expiry Date
Ry 1-8 (8)	YA36547-36554	April 26, 1984
Ry 9-24 (16)	YA50227-50242	February 20, 1981
Ry 25-48 (24)	YA50243-50266	February 19, 1981
Ry 49-56 (8)	YA50267-50274	February 21, 1981
Ry 57-72 (16)	YA50275-50290	February 22, 1981
Wilson 1-8 (8)	YA50291-50298	February 19, 1981
Wilson 9-16 (8)	YA50299-50306	February 21, 1981
Fuller 1-8 (8)	YA50219-YA50226	February 19, 1981

TOTAL 96 claims

Claim information was obtained from the Mining Recorder's Office in Whitehorse and from officers of the company.

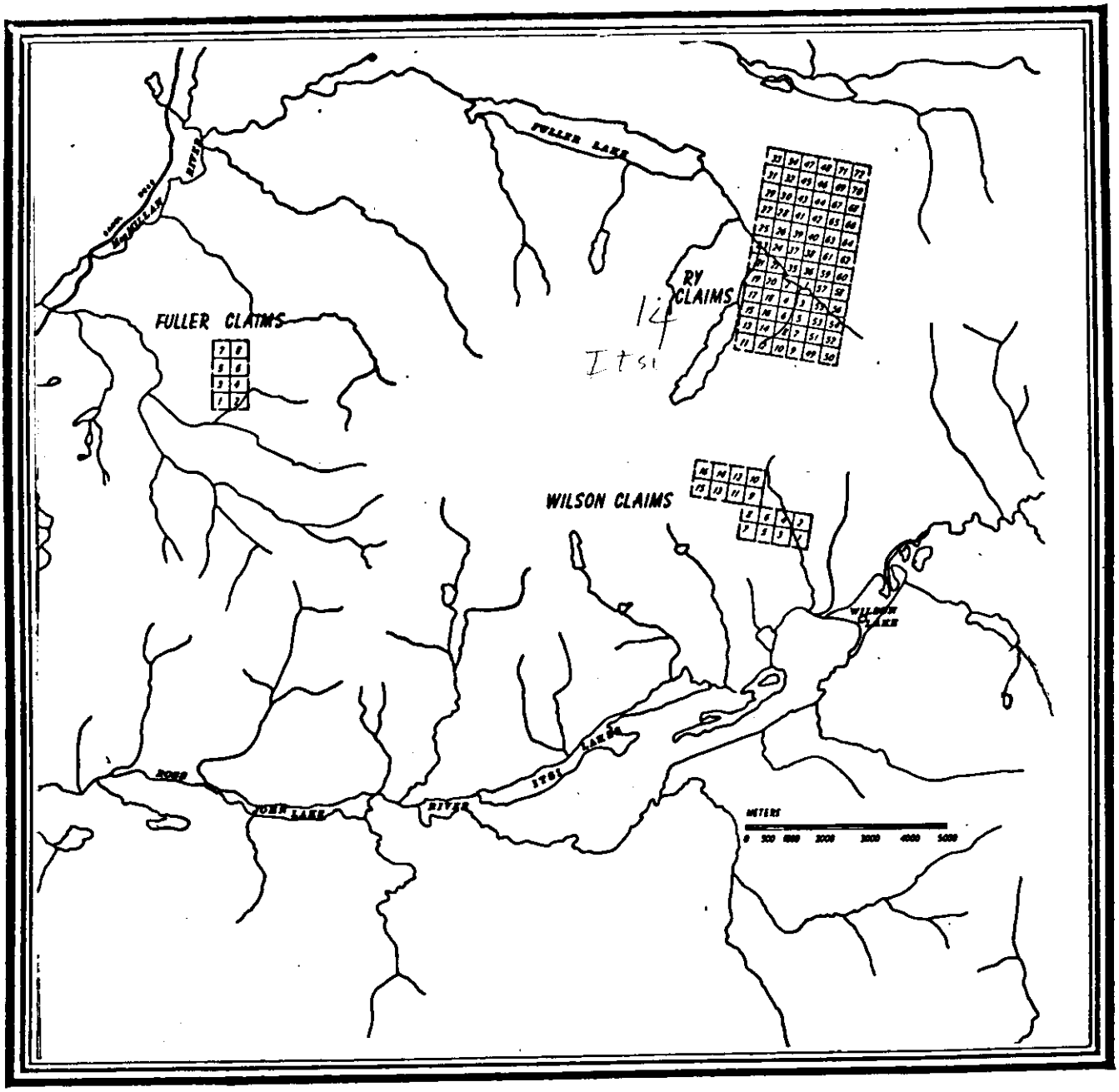


FIGURE 2

CLAIM LOCATION MAP

FULLER LAKE PROJECT, Y.T.

SILVER SCEPTRE MINES LIMITED

N

MONTGOMERY CONSULTANTS LIMITED

NOV. 1980

5.0 REGIONAL GEOLOGY

The regional geology of the area has been mapped by Roddick and Green, (1961) and later by Templeman-Kluit (1974). A portion of the earlier map is reproduced in Figure 6-1. The map units are numbered differently by the above geologists as follows:

Unit 3 (R. & G.) = Unit 8a (T-K).
Unit 11 (R. & G.) = Unit 16 (T-K).

The following rock unit descriptions are taken largely from the more recent work of Templeman-Kluit.

Unit 8a (3) belong largely to the Earn Gp. of Devonian and Mississippian age but also contains undifferentiated Ordovician, Silurian and Devonian rocks. The unit consists of chert, sandstone, shale, argillite, chert-pebble conglomerate and limestone. The succession of the lithologic units is unknown.

Unit 16 (11) consists of intrusive rocks ranging from biotite quartz monzonite to biotite quartz diorite with the major type being granodiorite. The rocks are probably of late Cretaceous age.

The Ry, Fuller, and Wilson claims all lie on or near the contact zone between a granodiorite stock (Unit 16) and mixed sedimentary rocks of the Earn group. (8a)

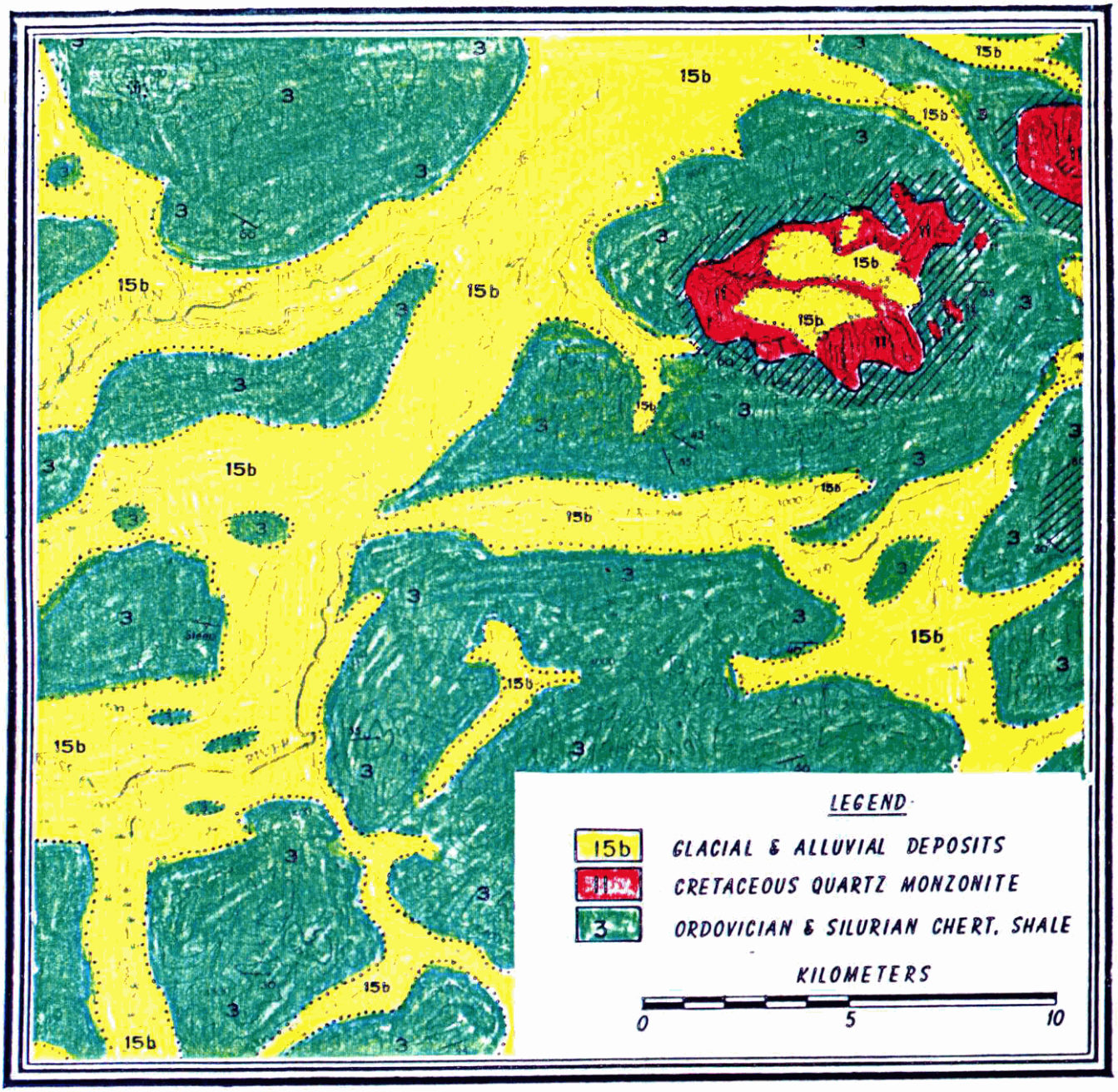


FIGURE 3

REGIONAL GEOLOGY

(AFTER RODDICK & GREEN, 1961)

FULLER LAKE PROJECT, Y. T.

SILVER SCEPTRE MINES LIMITED

N

MONTGOMERY CONSULTANTS LIMITED

NOV. 1980

6.0 RY GROUP

During the months of July and August, 1980, a program consisting of geologic mapping, geochemical soil and rock sampling, magnetometer survey and EM-16 survey was completed on the Ry Group of mineral claims.

6.1 Geology

The geology of the Ry claims was mapped on a scale of 1:5000 using compass and ribbon lines for control. (see Figure 4) The area of mineralization was mapped at a scale of 1:500 as shown in Figure 5.

6.11 Lithologies

The vast majority of the Ry claims are underlain by interbedded shales and cherts of the Earn Group. Although the proportion of shale to chert varies, the lower part of the section as seen in the valley floor is predominantly shale while the upper part as seen near the ridge tops is mostly chert.

The shale is mostly black to dark grey with individual layers varying from millimeters to centimeters thick. The shales have pyrite and some pyrrhotite along bedding planes and also in quartz veinlets and fractures that cut bedding. The iron sulfides have been oxidized in many places leaving a rusty gossan along shale bedding surfaces.

The chert varies in colour from black to grey to white. Some of the black chert, notably around the veins, weathers white along bedding planes producing black and white banding.

Near the granodiorite stocks in the southwest and northeast corners of the claim group the shales and cherts have been silicified and altered to hornfels, forming deep rusty red aureoles.

The shales and cherts strike from 290° to 315° and dips vary greatly from steeply northerly to 20° south. The sediments of the Earn Group are cut by 2 main high-angle fracture sets. One set strike between 10° and 35° East while the other strike between 50° and 75°E.

The granitic stocks of the Itsi Range outcrop in the north east and south west corners of the Ry Group. Limited outcrop examined consisted of a grained biotite granodiorite

6.2 Geochemistry

On the Ry Group of mineral claims about 61 kilometers of chain and flagged line were completed during the period July 7 to August 15, 1980. A base line was established at N 10°E along coordinate 4000E and stations were flagged every 50 meters. Lines were flagged perpendicular to the base line in both east and west directions every 100 meters. Permanent wooden stakes with aluminum tags were placed every 100 m along the base line and every 200 m along the cross lines. (see Figure 4)

968 samples were taken, one every 50 meters on the east-west lines. Soil samples were taken from the B horizon on areas covered by overburden. The soil was placed in kraft bags and marked with the grid location. On areas covered by outcrop a fresh rock chip sample was taken. The samples were dried and then shipped to Min-En Laboratories Ltd., in North Vancouver where all samples were analyzed geochemically for Copper, Lead, Silver, and Tin.

Only 272 samples have been analyzed for Zinc and arsenic at this time. The remaining samples will be tested at a later date.

A nitric, perchloric digestion followed by atomic adsorption analysis was used for Cu, Pb, Zn and Ag detection. A spectrophotometric test was employed for arsenic while Tin was detected by fusion and colorimetric methods. Results of all analysis are shown in Appendix IV.

6.21 Statistical Analysis

For each of the six elements analyses arithmetic histograms and logrithimic histogrms were produced. In each case the populations were lognormal and as a result a lognormal cumulative distribution curve was plotted for each element. These histograms and cumulative distribution curves are all included in Appendix I.

Using the lognormal cumulative distribution curves individual populations were partitioned out for each element. From the partitioned curves the mean and standard deviation of each population was calculated and these along with thresholds are shown in the following table for each element.

Ry Claims

Element	Population	Mean $\bar{x}$	*$\bar{x}$ + s	*$\bar{x}$ - s	Threshold	% of Total Data
Pb	A	270ppm	340ppm	215ppm	above 170ppm	.75%
	A+B				above 80ppm	4.25%
	B	117ppm	140ppm	96ppm	above 64ppm	2.5%
	C	29ppm	42ppm	19ppm	below 64ppm	92.5%
Zn	A	280ppm	360ppm	222ppm	above 250ppm	8.0%
	A+B				above 94ppm	36.0%
	B	122ppm	171ppm	88ppm	above 60ppm	14.0%
	C	44ppm	62ppm	27ppm	below 60ppm	42.0%
Ag	A	5.8ppm	8.8ppm	4.2ppm	above 5.6ppm	.8%
	A+B				above 2.6ppm	7.2%
	B	3.6ppm	4.4ppm	2.9ppm	above 2.3ppm	2.0%
	C	1.35ppm	1.87ppm	.98ppm	below 2.3ppm	90.0%
As	A	500ppm	840ppm	300ppm	above 220ppm	58.0%
	A+B				above 170ppm	1.7%
	B	44ppm	94ppm	22ppm	below 170ppm	92.5%
Cu	A	300ppm	388ppm	232ppm	above 200ppm	1.3%
	A+B				above 100ppm	10.0%
	B	120ppm	153ppm	96ppm	above 74ppm	8.0%
	C	34ppm	57ppm	20ppm	below 74ppm	82.0%

Element	Population	Mean $\bar{x}$	*$\bar{x}$ + s_L	*$\bar{x}$ - s_L	Threshold	% of total Data
Sn	A	84ppm	130ppm	53ppm	above 38ppm	.9%
	A+B				above 8.6ppm	7.05%
	B	15.4ppm	24ppm	10ppm	above 6ppm	6.0%
	C	2.4ppm	4.5ppm	1.3ppm	below 6ppm	86.0%

*Mean plus one standard deviation and mean minus one standard deviation.

The geochemical plots shown in figures 6 through 11 were contoured using the threshold values shown in the above table.

6.22 Results

Areas of anomalous values for Lead, Silver, Copper and Tin were outlined on Figures 6, 8, 10 and 11 respectively.

Vein number one was located by geochemical sampling for lead, silver, copper and tin. A broad dispersion anomaly (PB1, AG1, CU1, SN1) is present in the swamp and delta formed by the creek running parallel to and just below the vein.

Vein number two was also located by anomalies PB2, AG2, Cu2 and SN2.

An anomalous area up slope and to the west of vein one was located by PB4, AG3, CU3, and SN4. These anomalies represent a new mineralized target for investigation.

Perhaps the most interesting of the geochemical anomalies, however, is the one labled SN3 and PB3. A value of 500ppm in SN was obtained at station 3600N and 2550E. This area is well removed from any previously known mineralization and should be further investigated to try and locate possibly another vein.

The area surrounding the granodiorite shale contact in the north east part of the grid is geochemically anomalous for lead, silver, copper and tin. (anomalies PB5, AG4, AG5, AG6, CU5, SN5, SN6 & SN7)

An area bounded by lines 4300 to 4500N and 3100 to 3600E is anomalous in lead, silver, copper and tin. (PB6 AG7)

6.23 Detailed Sampling of Veins

The area surrounding veins number 1 and 2 (see Figure 4 for location) was mapped (1:500) and sampled in detail. (see Figure 5)

A cobra drill and blasting powder was used to "freshen up" the vein at various locations. Chip samples were taken across the vein at locations shown in Figure 5.

Vein number one which strikes N10^{o}E and dips near vertical varies in width from 4 meters to 2 meters wide over a distance of 250 meters from sample 323 to 326. It was sampled in 5 locations and a weighted average grade of the vein at surface is 1.939% PB, 1.50% Zn, .11% Cu, 2.0% Ag, .03% As, and .77% Sn. With the exception of sample 325 which came from the oxidized foot wall of the vein the values for all elements sampled are consistant with the mean.

Vein number two was sampled at fifteen locations shown on Figure 5. The vein is exposed on surface in two segments and is assumed to be continuous over the 240 meters strike length. This vein strikes approximately N30^{o}E and dips steeply to the west.

The weighted average grade of the vein, as determined from the 15 samples, was .47% Pb, .21% Cu, .13% Zn, 1.63 oz/ton Ag, .97% As and .16% Sn. In vein number two there appears to be little evidence of verical zonation shown by the grades of copper, silver tin and arsenic. Lead and zinc values are highest at the lowest exposure of the vein (samples 309,310 and 312).

Vein number three is exposed for 20 meters and strikes N40^{o}E dipping 70^{o} to the south. This vein was chip sampled at two locations and had a weighted average grade of .09% Cu, .17% Pb, .12% Zn, .97 oz/ton Ag, .14% As & .31% Sn. The vein varied in width from .2 m to .7 meters.

6.31 Magnetometer Survey

During the month of August 1980 a magnetometer survey was completed over the Ry Group grid. A total of about 60 line kilometers were surveyed using a MF-1-SBR fluxgate magnetometer which measures the vertical field component of the earths magnetic field.

For monitoring diurnal changes a MF-2 fluxgate magnetometer with a chart recorder was used at camp. The recorder was switched on before the magnetometer operator left camp in the mornings and turned off upon his return.

The recorder plotted a reading every 6 minutes on graph paper. This graph of diurnal change versus time was then used to correct each reading on the lines.

Readings were taken every 50 meters on lines spaced 100 meters apart. (see Figure 12)

6.311 Interpretation

A magnetite vein located in outcrop at station 5100N and 4600E was delineated by the magnetometer in the NE section of the grid. (up to 9400 gammas) A second possible magnetite vein was found at station 3100N, 4500E. (3765 gammas)

The known mineralized number one and two veins were not found with the magnetometer.

The northern contact of the granodiorite and shale units was shown as a zone of high magnetic relief from 5000N 2500E to 3800N 4700E.

Two interesting magnetic anomalies occur in the south west corner of the grid. One band of high readings (up to 2450 gammas) strikes north westerly from vein number one and coincides with geochemical anomalies labeled PB4 and SN4. A second smaller anomaly also striking north west coincides with

geochemical anomalies SN3 and PB3. Both these anomalies should be investigated further since they might represent additional mineralized veins.

6.32 VLF EM Survey

An EM-16 was tried in the area of the veins, in an attempt to outline the mineralization and trace it under the overburden cover.

The survey was abandoned when results failed to trace the known mineralization.

7.0 FULLER GROUP

7.1 Geology

The Fuller Claims lie along the western contact between the Earn group sediments and the middle Cretaceous granodiorite of the Itsi Range.

Outcrop on the property is scarce and confined to a ridge in the south east corner of the claims. (see Figure 13) The contact between the shales and cherts and the granodiorite is visible along this ridge.

The shales are black and interbedded with chert. Sulfides consisting of pyrite and pyrrhotite are found along fractures and bedding surfaces.

7.2 Geochemistry

On July 30 and July 31, 1980, 9 kilometers of chain and flagging lines were cut on the Fuller claims. A base line was established along the southern claim boundary. Four lines were run north 200 meters apart each being 2 kilometers long.

Soil samples were taken every 50 meters along these lines for a total of 170 samples.

The soil was taken from the B-Horizon and placed in kraft bags which were then marked with the grid location and dried. Samples were shipped to Min-En Laboratories Limited in North Vancouver where they were analyzed for lead, zinc, silver, arsenic, copper and tin. The results are shown on figures 14 to 19 and listed in Appendix IV.

Simple Statistics were done for the various elements and the curves are shown in Appendix II with the results summerized in the following table:

Fuller Claims Statistical Summary

Element	Population	Mean $\bar{x}$	$\bar{x} + s_L$	$\bar{x} - s_L$	Threshold	% of Data
PB	A	350ppm	540ppm	230ppm	above 140ppm	1.4%
	A+B				above 72ppm	1.6%
	B	25ppm	42ppm	15ppm	below 72ppm	97%
Zn	A	450ppm	520ppm	380ppm	above 330ppm	5%
	A+B				above 310ppm	1%
	B	220ppm	258ppm	184ppm	below 310ppm	94%
Ag	A	4.3ppm	5.3ppm	3.5ppm	above 3.2ppm	8%
	A+B				above 1.75ppm	30%
	B	2.1ppm	2.5ppm	1.7ppm	above 1.35ppm	18%
	C	1.2ppm	1.4ppm	.98ppm	below 1.35ppm	44%

Fuller Claims Statistical Summary

Element	Population	Mean $\bar{x}$	$\bar{x} + s_L$	$\bar{x} - s_L$	Threshold	% of Data
As	A	290ppm	660ppm	128ppm	above 110ppm	9%
	A+B				above 52ppm	11%
	B	22ppm	47ppm	10ppm	below 52ppm	80%
Cu	A	a single population				
Sn	A	8.3ppm	8.8ppm	7.9ppm	above 7.6ppm	3%
	A+B				above 5.6ppm	1.7%
	B	2.0ppm	3.3ppm	1.2ppm	below 5.6ppm	95.3%

7.21 Results

The results of the geochemical sampling on the Fuller grid are shown in Figures 14 through 19.

Interesting anomalies that should be investigated are PB1, PB2, AG1, SN1 and SN2.

7.3 Geophysics

A magnetometer survey was completed on the Fuller Grid July 30 and July 31, 1980. Control for diurnal variation was provided by a base station recorder in camp. Values were taken, corrected for diurnal variations and plotted on Figure 20.

The magnetometer traced the contact of the granodiorite and shale from 600N 800E to 0N 700E.

8.0 WILSON GROUP

8.1 Geology

The Wilson claims lie along the southern contact of the granodiorite of the Itsi Range and the black shales and cherts of the Ordovician and Silurian Earn Group.

Geology was mapped along five reconnaissance lines at a scale of 1:5000. (see Figure 21) A tongue of biotite granodiorite cut across lines 2800 and 3000 north.

Two sets of quartz veins cut the granodiorite. One set of veins from 10 to 20 cm wide strikes N10°E and dips 40° to the east. A second set up to 20 cm wide strikes N36° East and dip 80°SE. In general neither set of quartz veins was mineralized except for minor pyrite and pyrrhotite. A sample (319) of one vein returned 8.55% arsenic, .07% silver, and trace in Pb, Zn, Cu, and Sn.

The sediments in this area consist mostly of black shale with some chert. Beds strike from 296 to 320 degrees and dip from 38 to 60 degrees north.

8.2 Geochemistry

On the dates August 7 and August 10, 1980 five reconnaissance geochemical lines were flagged and sampled on the Wilson claims.

A north south base line was established and east-west grid lines were sampled every 50 meters. A total of 56 soil and 30 rock geochemical samples were taken and analyzed for lead, zinc, silver, copper, arsenic and tin by Min-En Laboratories in North Vancouver.

Simple statistics consisting of histograms, log histograms and cumulative probability curves were plotted and are shown in Appendix III. The results have been summarized in the following table:

Wilson Claims Summary

Element	Population	Mean $\bar{x}$	$\bar{x} + s_L$	$\bar{x} - s_L$	Threshold	%Data
Pb	A	114ppm	162ppm	79ppm	above 54	35%
	A+B				above 46	15%
	B	22ppm	31ppm	15ppm	below 46	97%
Zn	A	740ppm	980ppm	570ppm	above 440	4.6%
	A+B				above 380	1.6%
	B	144ppm	218ppm	96ppm	below 380	93.8%
Ag	A	3.7ppm	4.3ppm	3.2ppm	above 2.7	6%
	B	1.3ppm	1.85ppm	.94ppm	below 2.65	94%
As	A	138ppm	175ppm	108ppm	above150	3.5%
	A+B				above 84	14%
	B	21ppm	56ppm	8ppm	below 84	82.5%
Cu	A	150ppm	175ppm	130ppm	above112	8%
	A+B				above100	1%
	B	45ppm	66ppm	31ppm	below100	91%
Sn	A	22ppm	36ppm	13ppm	above 7.8	3%
	A+B				above 4.7	2%
	B	1.6ppm	2.7ppm	.96ppm	below 4.7	95%

8.21 Results

Due to the large spacing between lines no attempt was made to contour high values. Certain high values should be further investigated.

The western extremity of line 2800 north was anomalous in lead, zinc, silver and copper.

Anomalous tin values on lines 2400 and 1800 N are probably placer accumulations near water coarses but should be investigated.

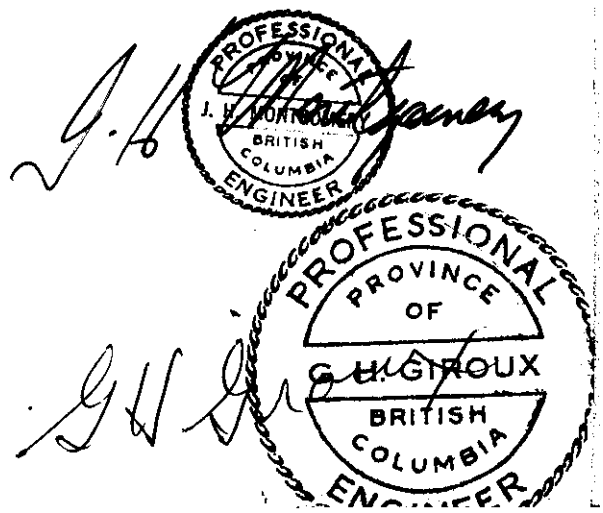
8.3 Geophysics

Magnetometer readings were taken over the reconnaissance grid and are shown in Figure 28. Due to the sparceness of data no attempt was made to contour the results. The contact between Earn Group and granodiorite was not obvious from the magnetometer results.

9.0 COST STATEMENT

Ry Group

Professional Fees		8212.50
Wages	D. Fonseca	3075.00
	C. Karchwski	3090.00
	A. Giroux	3435.00
	M. Hayes	3150.00
	J. Sutherland	3255.00
Camp set-up		2402.25
Transportation		
	Airfares	3494.04
	Fixed Wing	3478.40
	Helicopter	5081.00
Camp Costs		
	-food, materials, equipment	8125.20
Assay Costs		11835.31
Shipping Costs-groceries, samples		1260.65
Truck Rental		900.51
Equipment Rental		2166.00
Office Support		177.13
Report Preparation		3000.00
		$66137.99



Wilson

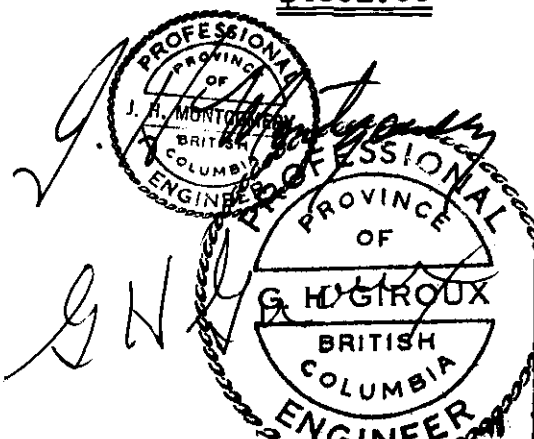
Professional Fees

G.H. Giroux Aug.3,7,10/80 3 days		600.00
J.H. Montgomery Aug.3		350.00
Wages C. Karchwski Aug3,7,10		270.00
M. Hayes Aug.7		90.00
J. Sutherland Aug.7,10		180.00
D. Fonseca Aug.10		90.00
Helicopter Aug.3,7,10		1317.80
Camp Costs-instrument rental,food,lodging,etc.		658.80
Assay Costs 56 soils @ $12.50		700.00
30 rock @ $14.03		420.90
Report Preparation		500.00
		$5176.60

Fuller

Professional Fees

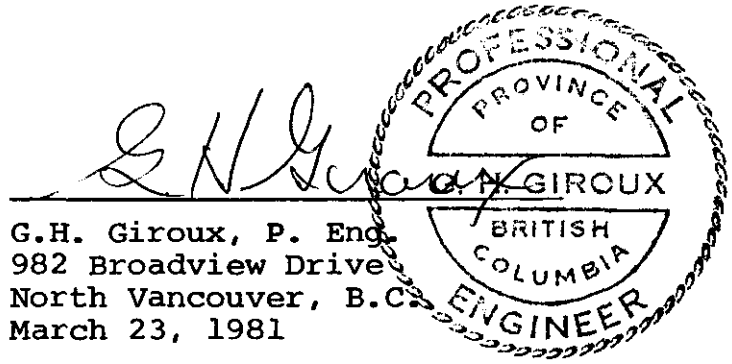
G.H. Giroux July 30,31	400.00
Wages D. Fonseca July30,31	180.00
M. Hayes July30,31	180.00
Helicopter July 29,31	976.80
Camp Costs-instrument rentals, food, lodging, etc.	439.20
Assay Costs 170 soils @ $12.50	2125.00
Report Preparation	500.00
	$4801.00



10.0 CERTIFICATES

I, G.H. Giroux, of 982 Broadview Drive, North Vancouver, British Columbia, do hereby certify that:

1. I am a consulting geological engineer with an office at #605-850 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia (1970) with a degree in Geological Engineering (B.A.Sc.).
3. I have practiced my profession continuously since graduation.
4. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
5. I own 1000 shares of Silver Sceptre Mines Limited which I acquired prior to working on their properties. I have no interest in the Ry, Fuller, or Wilson claims nor do I expect to receive any such interest.
6. This report may be used by Silver Sceptre Mines Limited or their agents for a Prospectus, Statement of Material Facts, Shareholders' Newsletters etc. in whole or in part.



G.H. Giroux, P. Eng.
982 Broadview Drive
North Vancouver, B.C.
March 23, 1981

I, J.H. Montgomery, of Vancouver, British Columbia hereby certify that:

1. I am a geological engineer and reside at 4153 West 11th Avenue, Vancouver, B.C.

2. I am a graduate of the University of British Columbia; B.Sc. in 1959, M.Sc. in 1960, Ph.D. in 1967.

3. I have practiced my profession since 1959.

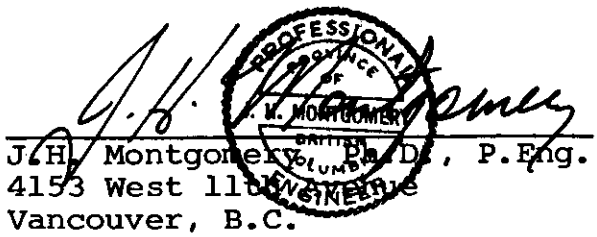
4. I am a member of the Association of Professional Engineers of British Columbia.

5. I have no interest, direct or indirect, in Silver Sceptre Mines Limited or the Ry, Wilson or Fuller groups of mineral claims, nor do I expect to receive any such interest.

6. I have based this report on a personal visit to the property and on a study of all data obtained during the 1980 field program and on previous Engineer's reports and government publications.

7. This report may be used by Silver Sceptre Mines Limited or their agents for a Prospectus, Statement of Material Facts, Shareholders' newsletters, etc., whole or in part.

DATED at Vancouver, British Columbia, this 23rd day of March, 1981.



J.H. Montgomery, Ph.D., P.Eng.
4153 West 11th Avenue
Vancouver, B.C.

11.0 BIBLIOGRAPHY

1. Templeman-Kluit, D.J. (1974) - "Reconnaissance Geology of Quiet Lake, Finlayson Lake, Sheldon Lake and Tay River"; G.S.C. Open File 212.

2. Dawson, K. (1978) - "Regional Metallogeny N. Cordillera Tungsten and Base Metal Skarn"; G.S.C. Paper 78 - 1A.

3. Dawson, K.M. (1979) - "Regional Metallogeny of the Northern Cordillera: Recent Stratiform Base Metal Discoveries in Yukon Territory and District of Mackenzie; G.S.C. Paper 79-1A.

4. Roddick, J.A. and Green, L.H. (1961) - "Sheldon Lake, Yukon Territory" - G.S.C. Geology Map 12-1961.

5. Geophysics Paper 4403 (1968) - "Itsi Lakes, Yukon Territory, Sheet 105J/16 Aeromagnetic Series.

6. Montgomery, J.H. (1980) - "Report on the Ry, Fuller, Wilson and Cee Mineral Claims near Fuller Lake, Yukon Territory."- Private Engineering Report for Silver Sceptre Mines Ltd.

7. Taylor, R.G. (1979) - "Geology of Tin Deposits." Developments in Economic Geoloygy.

8. Ward, S.H. et al"Geophysics and Ore Deposits" course notes.

APPENDIX

I

GEOCHEMICAL

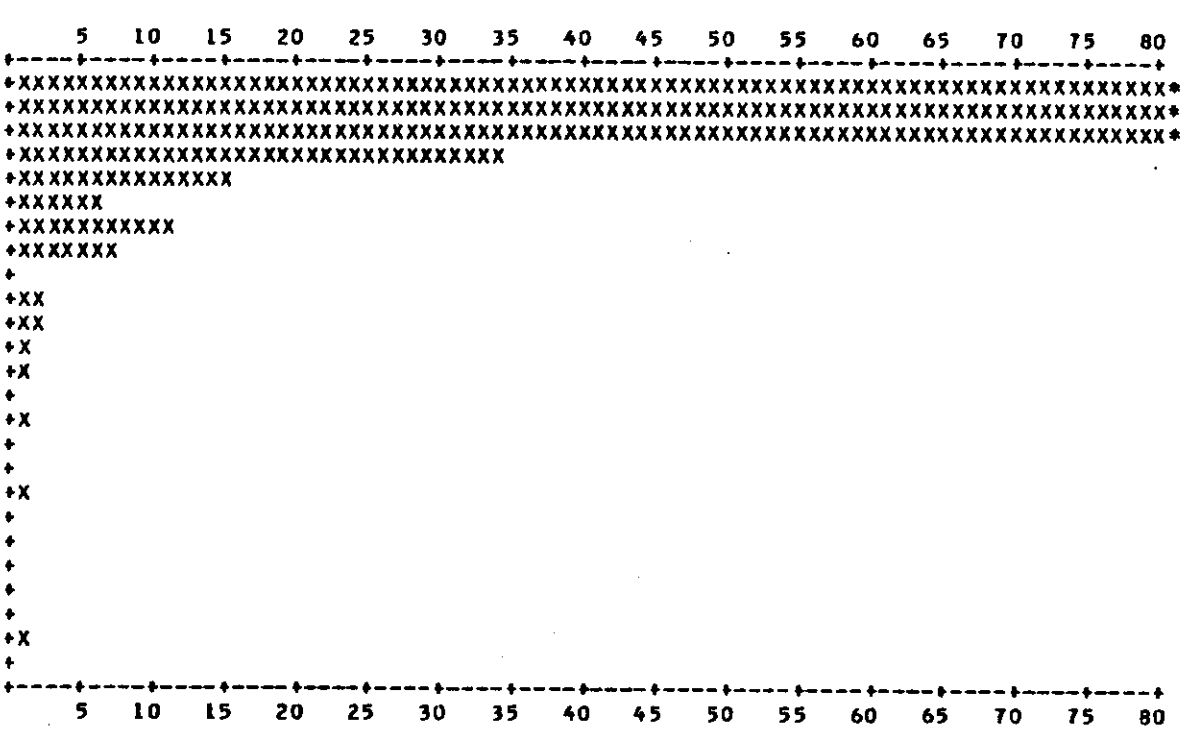
STATISTICS

FOR

RY GROUP

HISTOGRAM OF VARIABLE 1 PB

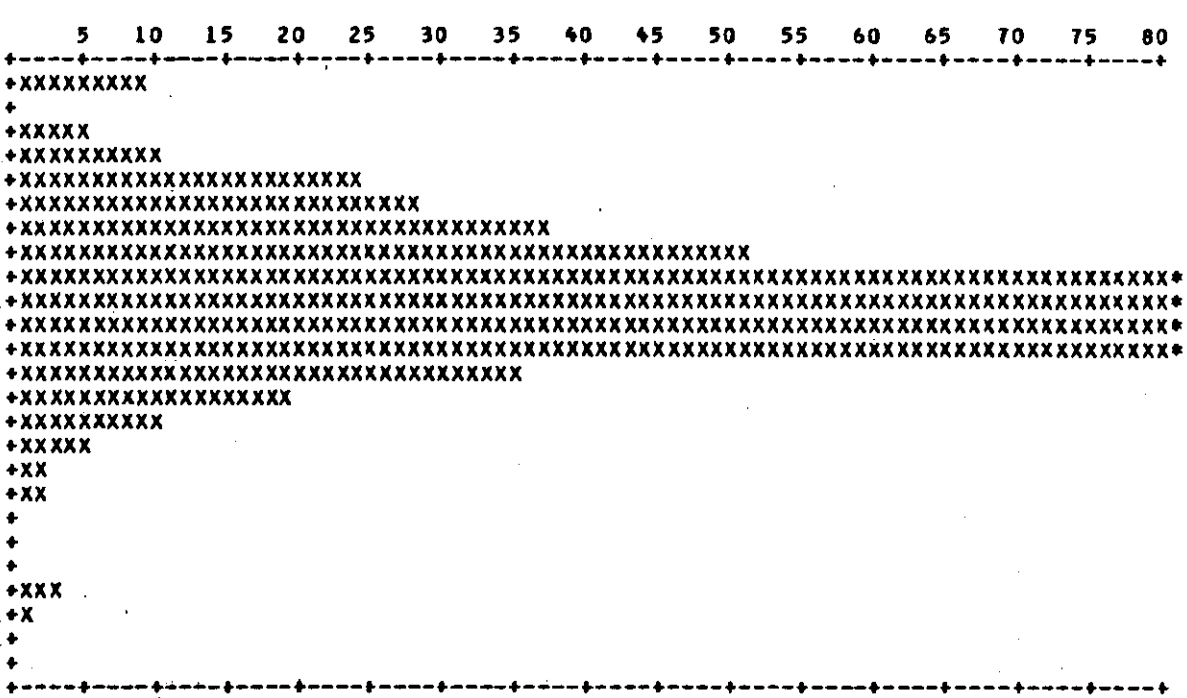
SYMBOL	COUNT	MEAN	ST.DEV.
X	964	34.808	33.046



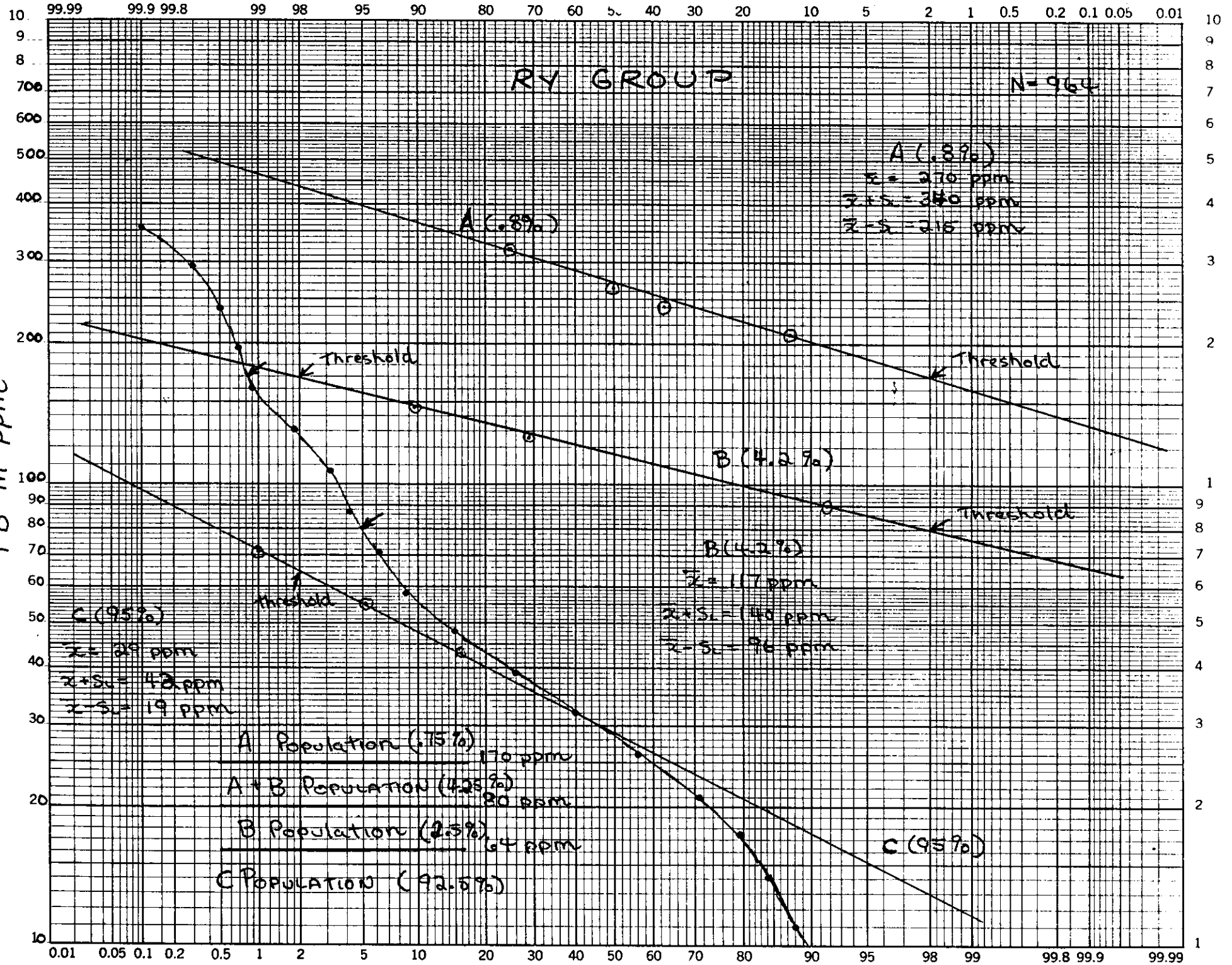
INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 20.000	263	263	27.3	27.3
* 40.000	472	735	49.0	76.2
* 60.000	147	882	15.2	91.5
* 80.000	34	916	3.5	95.0
* 100.00	15	931	1.6	96.6
* 120.00	6	937	0.6	97.2
* 140.00	11	948	1.1	98.3
* 160.00	7	955	0.7	99.1
* 180.00	0	955	0.0	99.1
* 200.00	2	957	0.2	99.3
* 220.00	2	959	0.2	99.5
* 240.00	1	960	0.1	99.6
* 260.00	1	961	0.1	99.7
* 280.00	0	961	0.0	99.7
* 300.00	1	962	0.1	99.8
* 320.00	0	962	0.0	99.8
* 340.00	0	962	0.0	99.8
* 360.00	1	963	0.1	99.9
* 380.00	0	963	0.0	99.9
* 400.00	0	963	0.0	99.9
* 420.00	0	963	0.0	99.9
* 440.00	0	963	0.0	99.9
* 460.00	0	963	0.0	99.9
* 480.00	1	964	0.1	100.0
* 500.00	0	964	0.0	100.0

HISTOGRAM OF VARIABLE 1 PB

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	1.425	0.368



INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .15000	9	9	0.9	0.9
* .30000	0	9	0.0	0.9
* .45000	5	14	0.5	1.4
* .60000	10	24	1.0	2.5
* .75000	24	48	2.5	5.0
* .90000	28	76	2.9	7.9
* 1.0500	37	113	3.8	11.7
* 1.2000	51	164	5.3	16.9
* 1.3500	144	308	14.9	31.8
* 1.5000	225	533	23.2	55.1
* 1.6500	257	790	26.5	81.6
* 1.8000	101	891	10.4	92.0
* 1.9500	35	926	3.6	95.7
* 2.1000	19	945	2.0	97.6
* 2.2500	10	955	1.0	98.7
* 2.4000	5	960	0.5	99.2
* 2.5500	2	962	0.2	99.4
* 2.7000	2	964	0.2	99.6
* 2.8500	0	964	0.0	99.6
* 3.0000	0	964	0.0	99.6
* 3.1500	0	964	0.0	99.6
* 3.3000	3	967	0.3	99.9
* 3.4500	1	968	0.1	100.0
* 3.6000	0	968	0.0	100.0
* 3.7500	0	968	0.0	100.0


RY GROUP
N= 964
PB in ppm
A (.8%)
x̄ = 270 ppm
x̄+s = 340 ppm
x̄-s = 216 ppm
Threshold
B (4.2 %)
B(4.2%)
x̄ = 117 ppm
x̄+sL = 140 ppm
x̄-sL = 96 ppm
C (95%)
x̄ = 29 ppm
x̄+sL = 43 ppm
x̄-sL = 19 ppm
A Population (.75%) 170 ppm
A+B Population (4.25%) 80 ppm
B Population (2.5%) 54 ppm
C Population (92.5%)
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01

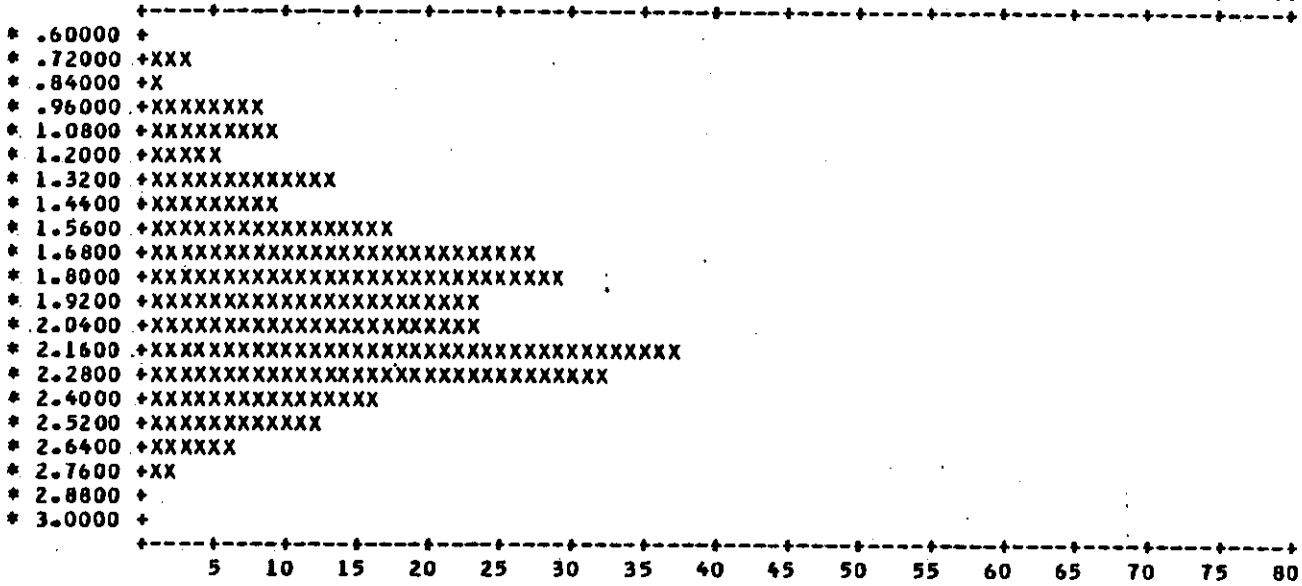
HISTOGRAM OF VARIABLE 2 ZN

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	28.986	66.362

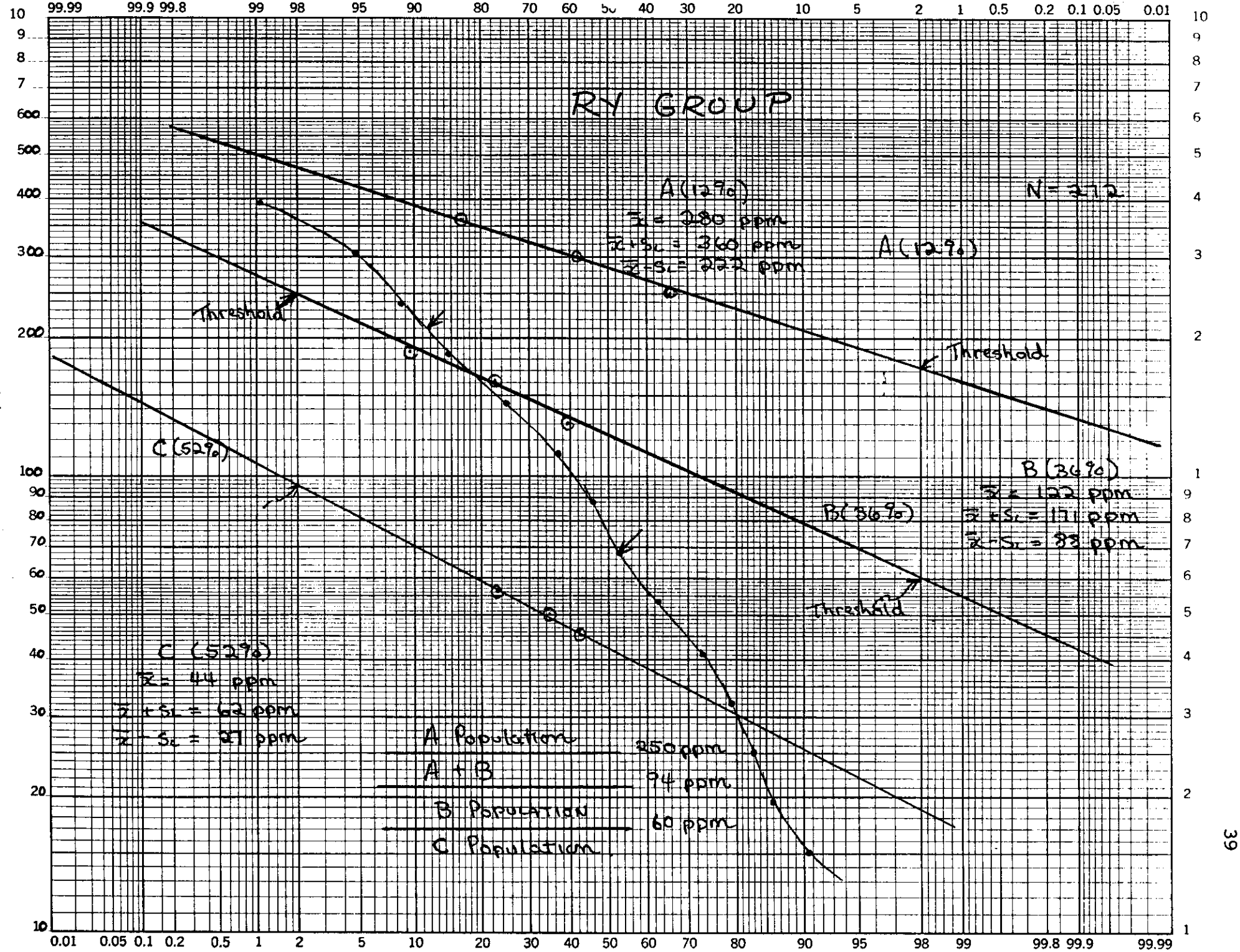
INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 25.000	+XXXX

HISTOGRAM OF VARIABLE 1 ZN

SYMBOL	COUNT	MEAN	ST.DEV.
X	272	1.833	0.435

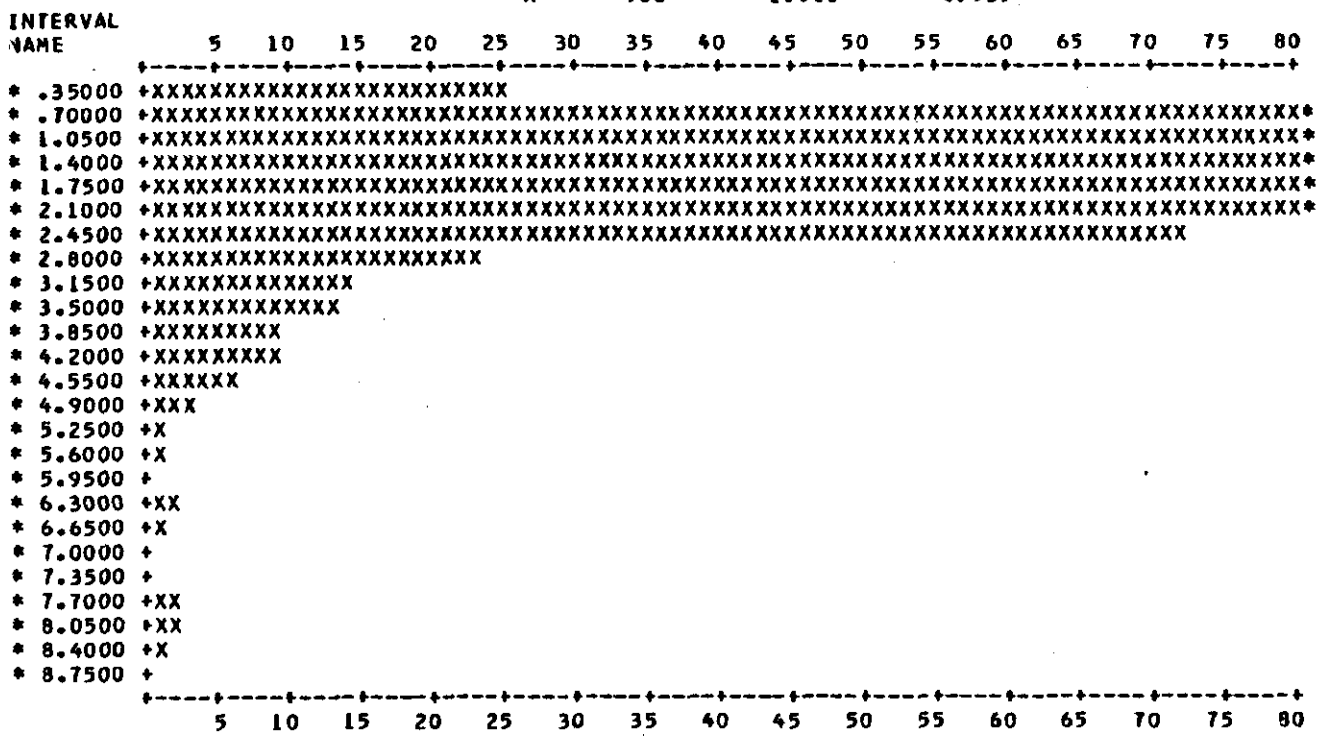


INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .60000	0	0	0.0	0.0
* .72000	3	3	1.1	1.1
* .84000	1	4	0.4	1.5
* .96000	8	12	2.9	4.4
* 1.0800	9	21	3.3	7.7
* 1.2000	5	26	1.8	9.6
* 1.3200	13	39	4.8	14.3
* 1.4400	9	48	3.3	17.6
* 1.5600	17	65	6.3	23.9
* 1.6800	27	92	9.9	33.8
* 1.8000	29	121	10.7	44.5
* 1.9200	23	144	8.5	52.9
* 2.0400	23	167	8.5	61.4
* 2.1600	37	204	13.6	75.0
* 2.2800	32	236	11.8	86.8
* 2.4000	16	252	5.9	92.6
* 2.5200	12	264	4.4	97.1
* 2.6400	6	270	2.2	99.3
* 2.7600	2	272	0.7	100.0
* 2.8800	0	272	0.0	100.0
* 3.0000	0	272	0.0	100.0


RY GROUP
N = 272
A (12%)
$\bar{x}$ = 280 ppm
$\bar{x}+S_L$ = 360 ppm
$\bar{x}-S_L$ = 222 ppm
A (12%)
Threshold
Threshold
C (52%)
B (36%)
$\bar{x}$ = 122 ppm
$\bar{x}+S_L$ = 171 ppm
$\bar{x}-S_L$ = 88 ppm
B (36%)
Threshold
C (52%)
$\bar{x}$ = 44 ppm
$\bar{x}+S_L$ = 62 ppm
$\bar{x}-S_L$ = 37 ppm
A Population 250 ppm
A + B 94 ppm
B Population 60 ppm
C Population
ZN in PPM
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
10 9 8 7 600 500 400 300 200 100 90 80 70 60 50 40 30 20 10
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2 1

HISTOGRAM OF VARIABLE 1 AG

SYMBOL	COUNT	MEAN	ST.DEV.
X	966	1.511	0.939

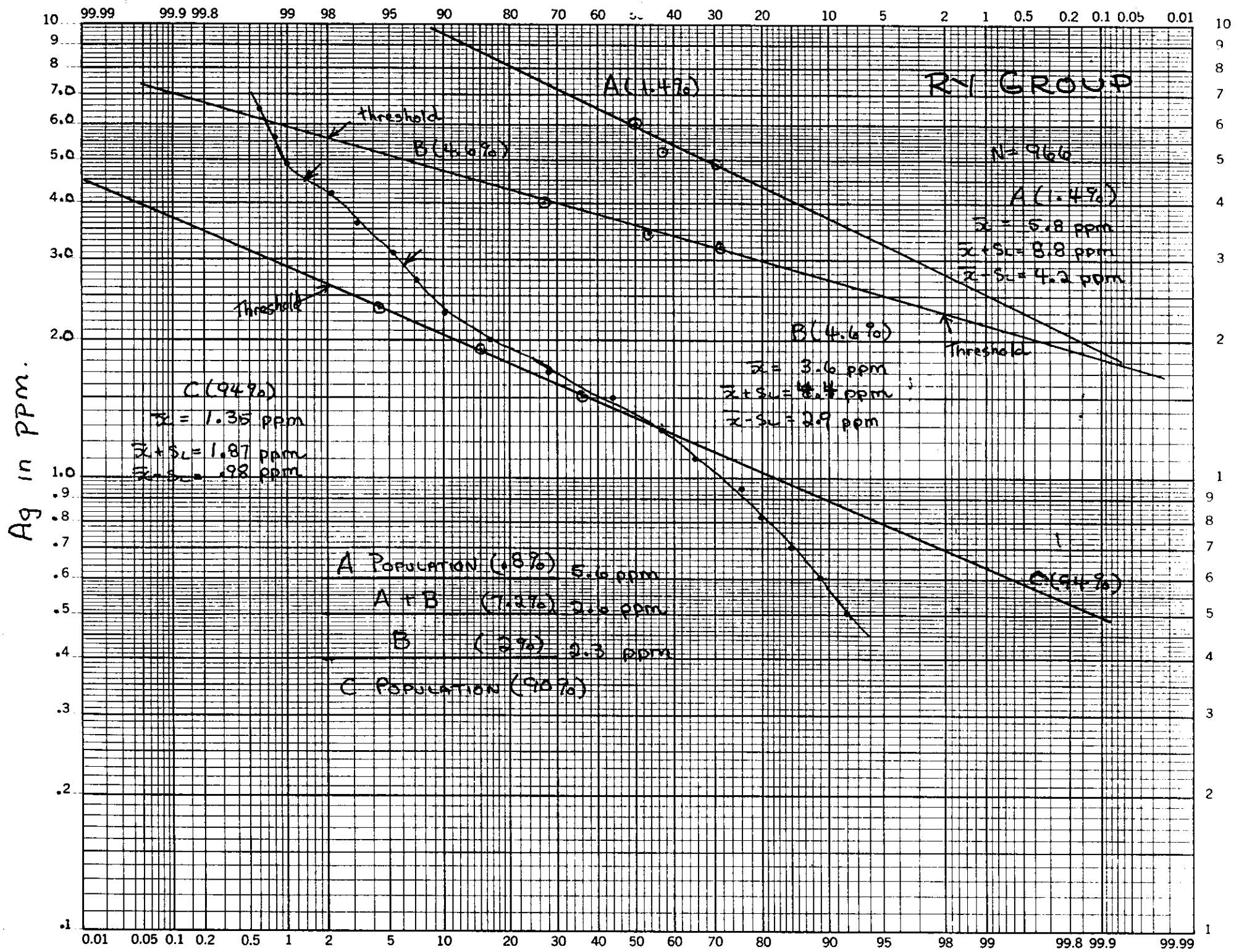

INTERVAL NAME
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80
* .35000 +XXXXXXXXXXXXXXXXXXXXXXXX
* .70000 +XXXXXXXXXXXXXXXXXXXX

HISTOGRAM OF VARIABLE 2 AG

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	1.501	0.430

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .18000	+XX	2	2	0.2	0.2
* .36000	+XXXXXX	6	8	0.6	0.8
* .54000	+XXXXXXX	7	15	0.7	1.5
* .72000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	33	48	3.4	5.0
* .90000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36	84	3.7	8.7
* 1.0800	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	69	153	7.1	15.8
* 1.2600	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	118	271	12.2	28.0
* 1.4400	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	149	420	15.4	43.4
* 1.6200	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	147	567	15.2	58.6
* 1.8000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	157	724	16.2	74.8
* 1.9800	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	125	849	12.9	87.7
* 2.1600	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	79	928	8.2	95.9
* 2.3400	+XXXXXXXXXXXXXXXXXXXXXXXXX	27	955	2.8	98.7
* 2.5200	+XXXXXXX	7	962	0.7	99.4
* 2.7000	+XXXX	4	966	0.4	99.8
* 2.8800	+	0	966	0.0	99.8
* 3.0600	+	0	966	0.0	99.8
* 3.2400	+	0	966	0.0	99.8
* 3.4200	+X	1	967	0.1	99.9
* 3.6000	+	0	967	0.0	99.9
* 3.7800	+	0	967	0.0	99.9
* 3.9600	+X	1	968	0.1	100.0
* 4.1400	+	0	968	0.0	100.0
* 4.3200	+	0	968	0.0	100.0
* 4.5000	+	0	968	0.0	100.0

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80


Ag in PPM.
R-1 GROUP
N = 966
A (1.4%)
B (4.6%)
C (94%)
A (1.4%)
x̄ = 5.8 ppm
x̄ + SL = 8.8 ppm
x̄ - SL = 4.2 ppm
Threshold
B (4.6%)
x̄ = 3.6 ppm
x̄ + SL = 4.7 ppm
x̄ - SL = 2.9 ppm
Threshold
C (94%)
x̄ = 1.35 ppm
x̄ + SL = 1.87 ppm
x̄ - SL = .98 ppm
A Population (1.8%) 5.6 ppm
A + B (7.2%) 3.6 ppm
B (5.4%) 2.3 ppm
C Population (91.0%)
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
10 9 8 7.0 6.0 5.0 4.0 3.0 2.0 1.0 .9 .8 .7 .6 .5 .4 .3 .2 .1
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99

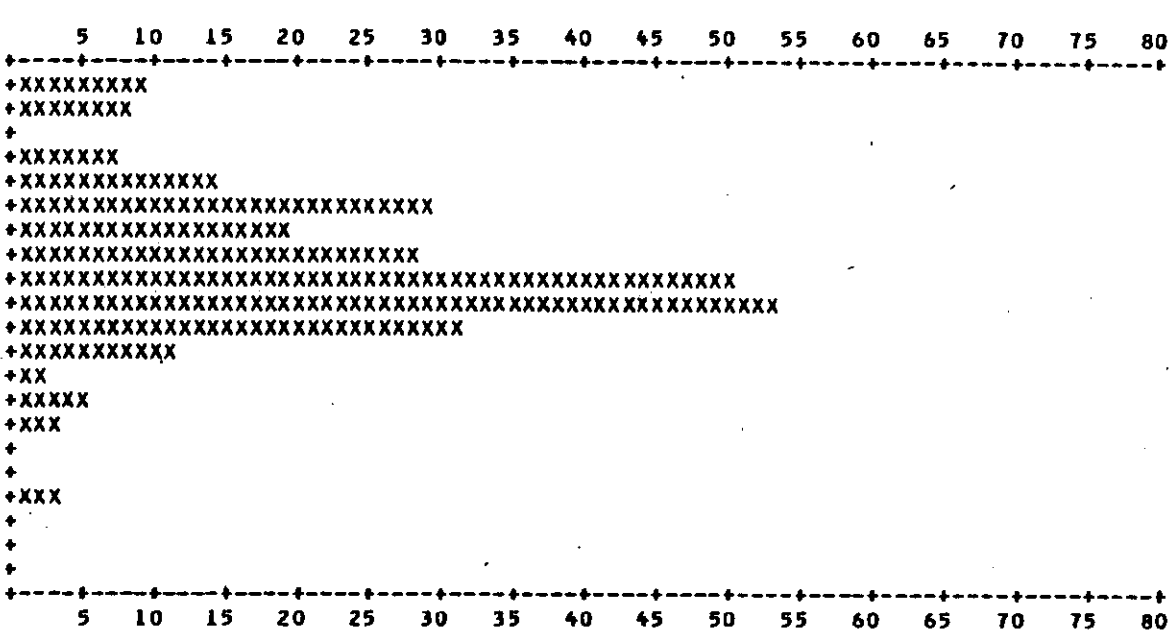
HISTOGRAM OF VARIABLE 1 AS

SYMBOL	COUNT	MEAN	ST.DEV.
X	963	23.519	105.466

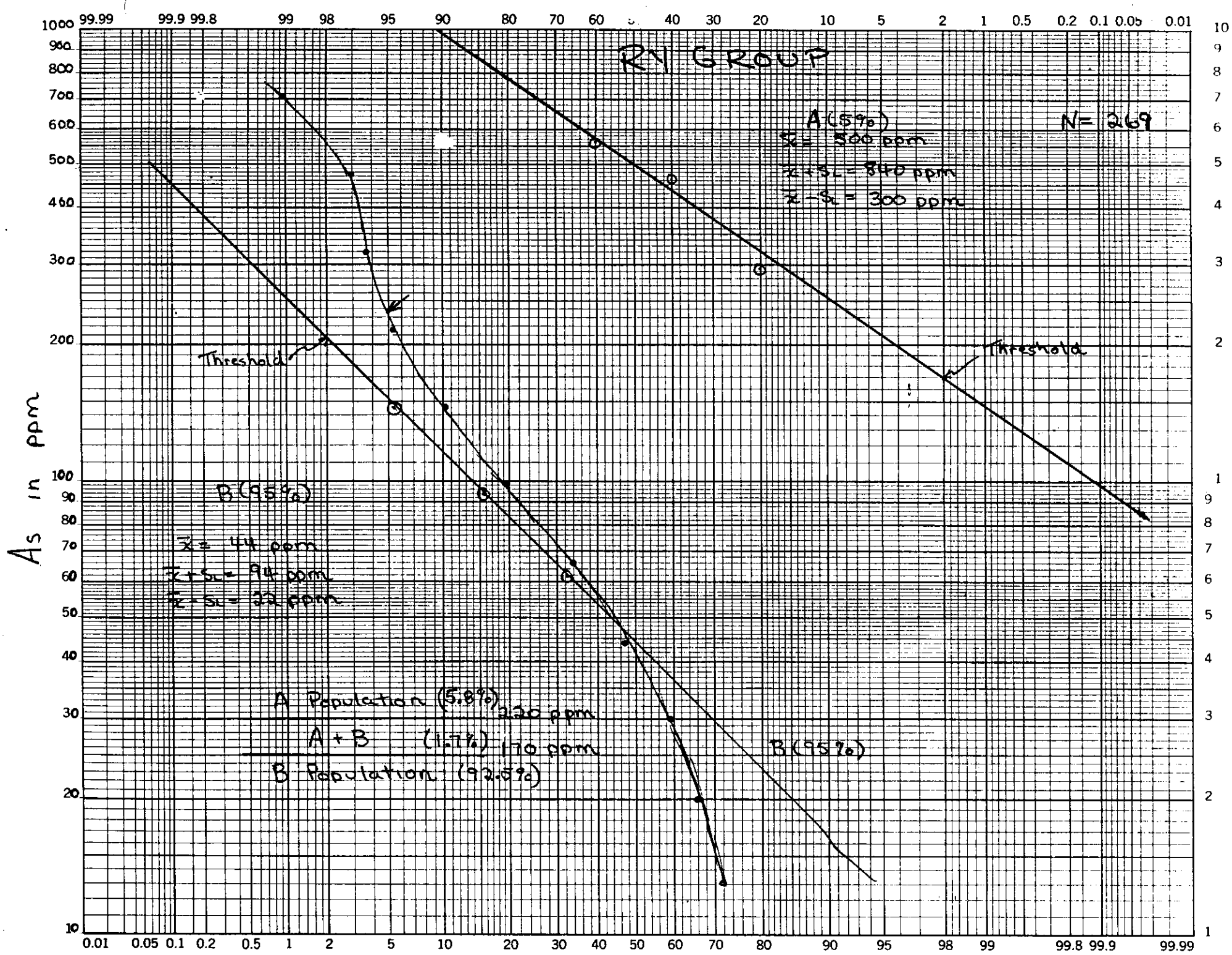
INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 80.000	+XXXX

HISTOGRAM OF VARIABLE 2 AS

SYMBOL	COUNT	MEAN	ST.DEV.
X	272	1.500	0.727

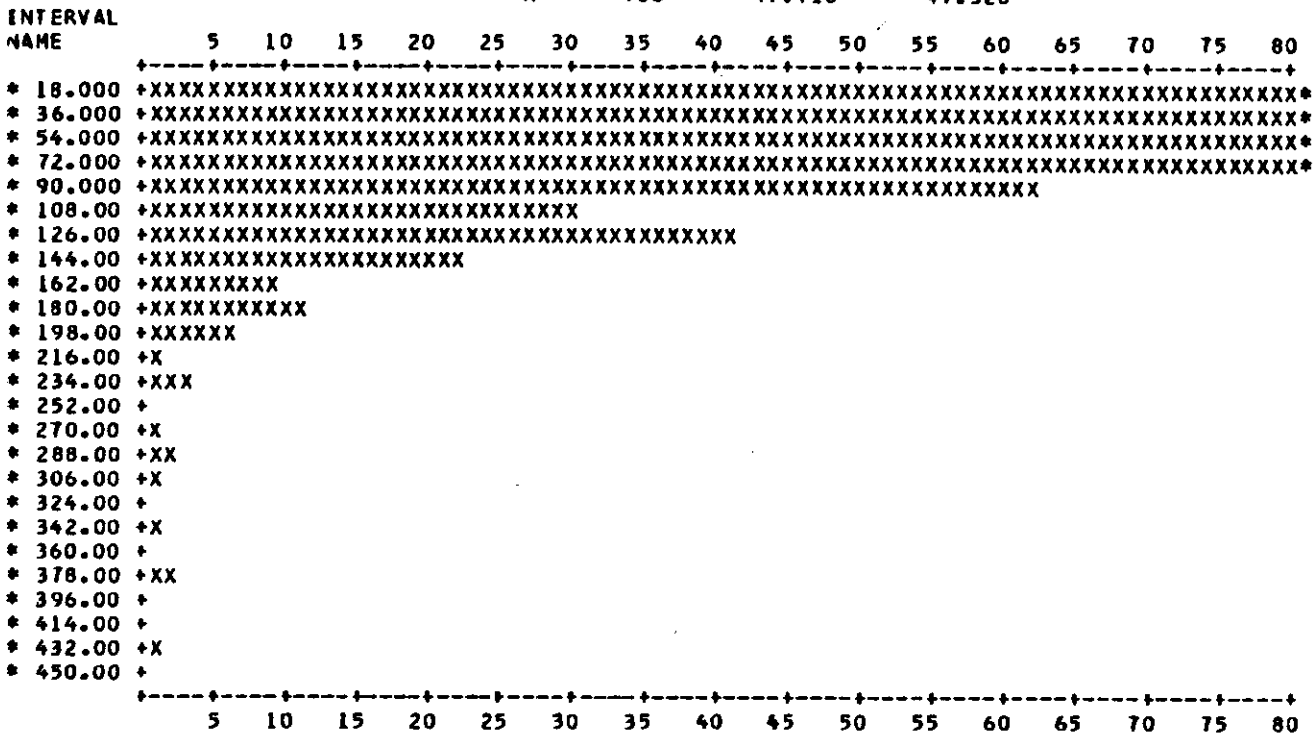


INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
*-.25000	9	9	3.3	3.3
* 0.0000	8	17	2.9	6.3
* .25000	0	17	0.0	6.3
* .50000	7	24	2.6	8.8
* .75000	14	38	5.1	14.0
* 1.0000	29	67	10.7	24.6
* 1.2500	19	86	7.0	31.6
* 1.5000	28	114	10.3	41.9
* 1.7500	50	164	18.4	60.3
* 2.0000	53	217	19.5	79.8
* 2.2500	31	248	11.4	91.2
* 2.5000	11	259	4.0	95.2
* 2.7500	2	261	0.7	96.0
* 3.0000	5	266	1.8	97.8
* 3.2500	3	269	1.1	98.9
* 3.5000	0	269	0.0	98.9
* 3.7500	0	269	0.0	98.9
* 4.0000	3	272	1.1	100.0
* 4.2500	0	272	0.0	100.0
* 4.5000	0	272	0.0	100.0
* 4.7500	0	272	0.0	100.0


R1 GROUP
A(5%)
$\bar{x}$ = 500 ppm
$\bar{x}+s_L$ = 840 ppm
$\bar{x}-s_L$ = 300 ppm
N= 269
Threshold
Threshold
B(95%)
$\bar{x}$ = 44 ppm
$\bar{x}+s_L$ = 94 ppm
$\bar{x}-s_L$ = 22 ppm
A Population (5.8%) 230 ppm
A+B (1.7%) 170 ppm
B Population (92.5%)
B(95%)
As in ppm
99.99 99.9 99.8 99 98 95 90 80 70 60 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
1000 900 800 700 600 500 400 300 200 100 90 80 70 60 50 40 30 20 10
10 9 8 7 6 5 4 3 2 1

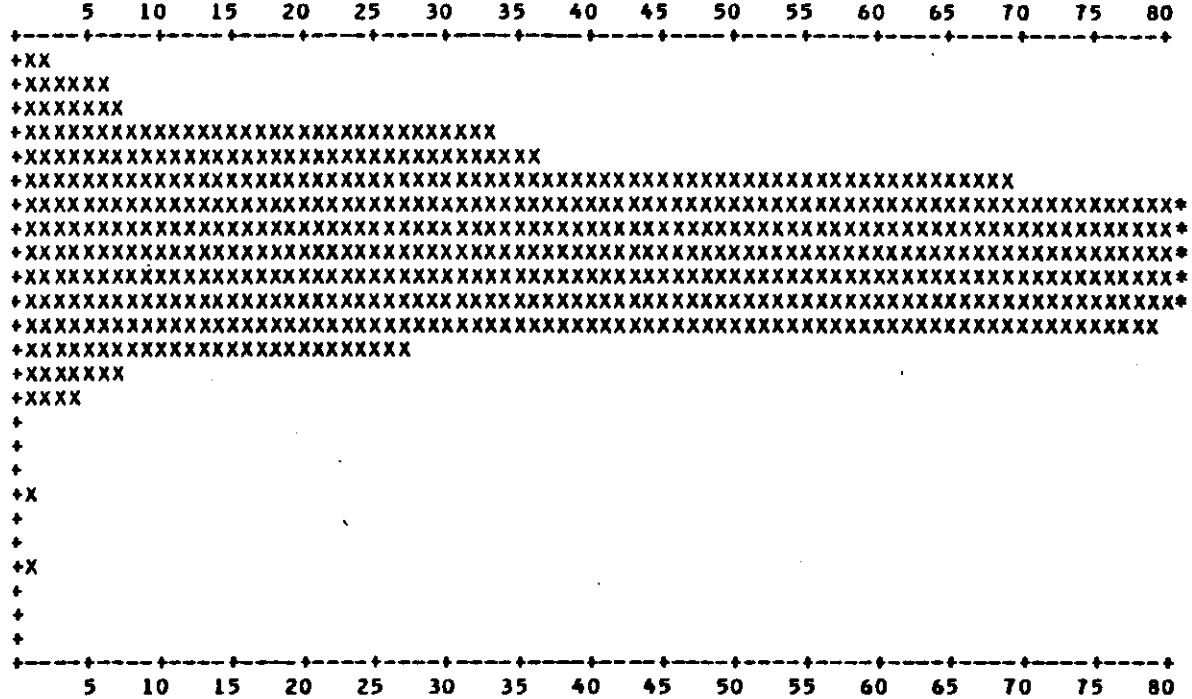
HISTOGRAM OF VARIABLE 1 CU

SYMBOL	COUNT	MEAN	ST.DEV.
X	966	47.710	47.328

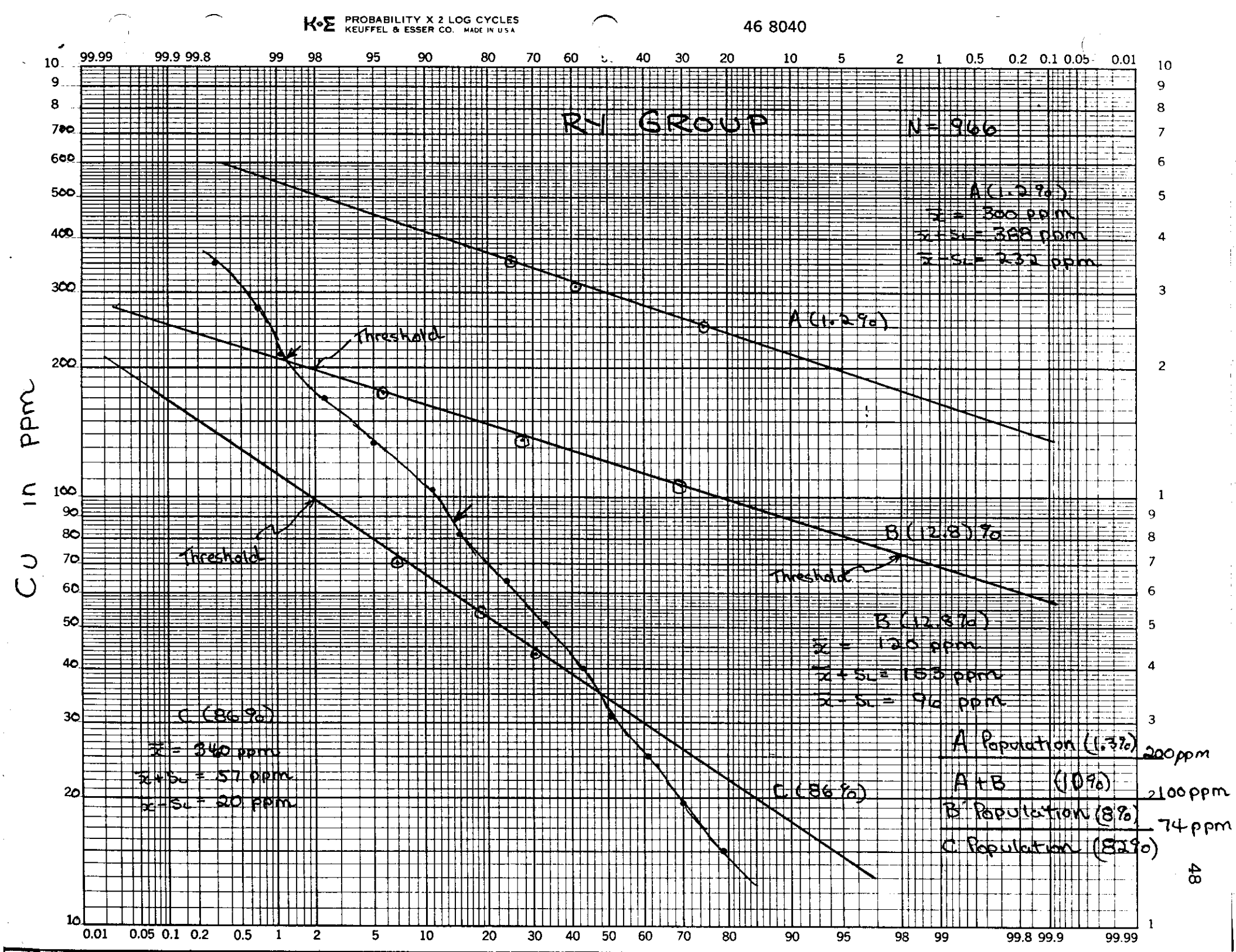

INTERVAL NAME
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80
* 18.000 +XXXX

HISTOGRAM OF VARIABLE 1 CU

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	1.501	0.430



INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .18000	2	2	0.2	0.2
* .36000	6	8	0.6	0.8
* .54000	7	15	0.7	1.5
* .72000	33	48	3.4	5.0
* .90000	36	84	3.7	8.7
* 1.0800	69	153	7.1	15.8
* 1.2600	118	271	12.2	28.0
* 1.4400	149	420	15.4	43.4
* 1.6200	147	567	15.2	58.6
* 1.8000	157	724	16.2	74.8
* 1.9800	125	849	12.9	87.7
* 2.1600	79	928	8.2	95.9
* 2.3400	27	955	2.8	98.7
* 2.5200	7	962	0.7	99.4
* 2.7000	4	966	0.4	99.8
* 2.8800	0	966	0.0	99.8
* 3.0600	0	966	0.0	99.8
* 3.2400	0	966	0.0	99.8
* 3.4200	1	967	0.1	99.9
* 3.6000	0	967	0.0	99.9
* 3.7800	0	967	0.0	99.9
* 3.9600	1	968	0.1	100.0
* 4.1400	0	968	0.0	100.0
* 4.3200	0	968	0.0	100.0
* 4.5000	0	968	0.0	100.0


K•Σ PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
R-1 GROUP
N = 966
A (1.2%)
x̄ = 300 ppm
x̄ + Sd = 388 ppm
x̄ - Sd = 232 ppm
A (1.2%)
Threshold
Threshold
Threshold
B (12.8) %
B (12.8%)
x̄ = 120 ppm
x̄ + Sd = 153 ppm
x̄ - Sd = 94 ppm
C (86%)
x̄ = 340 ppm
x̄ + Sd = 57 ppm
x̄ - Sd = 20 ppm
C (86%)
A Population (1.3%) 200ppm
A+B (10%) 100ppm
B Population (8%) 74ppm
C Population (82%)
Cu in PPM
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
10 9 8 700 600 500 400 300 200 100 90 80 70 60 50 40 30 20 10
48

HISTOGRAM OF VARIABLE 1 SN

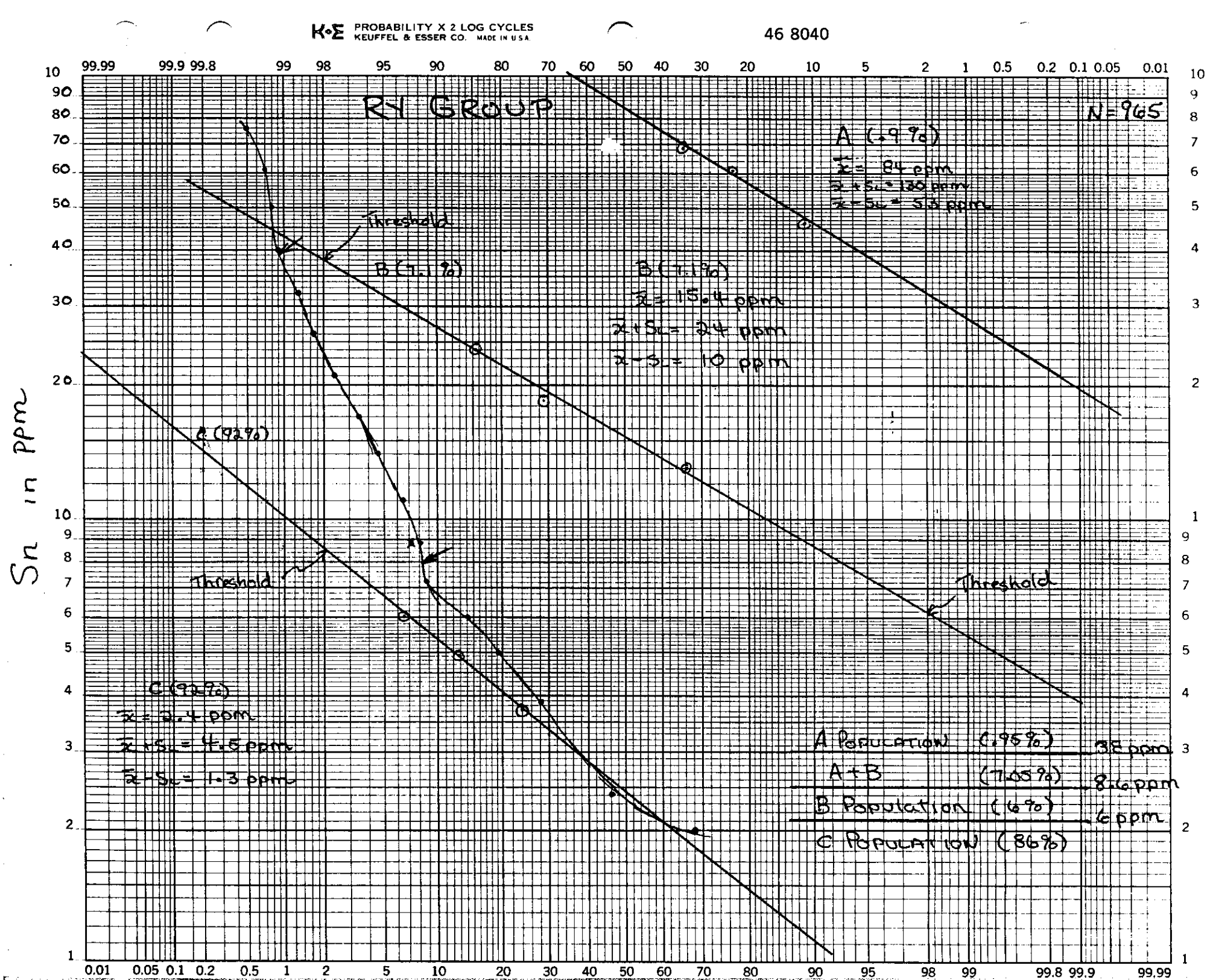
SYMBOL	COUNT	MEAN	ST.DEV.
X	965	4.151	8.099

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 4.0000	+XXXX

HISTOGRAM OF VARIABLE 2 SN

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	0.397	0.391

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .12000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	310	310	32.0	32.0
* .24000	+	0	310	0.0	32.0
* .36000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	215	525	22.2	54.2
* .48000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	170	695	17.6	71.8
* .60000	+	0	695	0.0	71.8
* .72000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*	132	827	13.6	85.4
* .84000	+XXXXXXXXXXXXXXXXXXXXXXXXXX	28	855	2.9	88.3
* .96000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36	891	3.7	92.0
* 1.0800	+XXXXXXXXXXXXXXXXXXXXXX	24	915	2.5	94.5
* 1.2000	+XXXXXXXXXX	10	925	1.0	95.6
* 1.3200	+XXXXXXXXXXXXXXXX	17	942	1.8	97.3
* 1.4400	+XXXXXXX	7	949	0.7	98.0
* 1.5600	+XXXXXX	6	955	0.6	98.7
* 1.6800	+X	1	956	0.1	98.8
* 1.8000	+XX	2	958	0.2	99.0
* 1.9200	+XXX	3	961	0.3	99.3
* 2.0400	+XXXX	4	965	0.4	99.7
* 2.1600	+	0	965	0.0	99.7
* 2.2800	+	0	965	0.0	99.7
* 2.4000	+X	1	966	0.1	99.8
* 2.5200	+	0	966	0.0	99.8
* 2.6400	+X	1	967	0.1	99.9
* 2.7600	+X	1	968	0.1	100.0
* 2.8800	+	0	968	0.0	100.0
* 3.0000	+	0	968	0.0	100.0


R-1 GROUP
N=965
A (92%)
$\bar{x}$ = 84 ppm
$\bar{x}+s_L$ = 130 ppm
$\bar{x}-s_L$ = 53 ppm
B (7.1%)
$\bar{x}$ = 15.4 ppm
$\bar{x}+s_L$ = 24 ppm
$\bar{x}-s_L$ = 10 ppm
C (92%)
$\bar{x}$ = 2.4 ppm
$\bar{x}+s_L$ = 4.5 ppm
$\bar{x}-s_L$ = 1.3 ppm
Threshold
Threshold
Threshold
A Population (95%) 38 ppm
A+B (7.05%) 8.6 ppm
B Population (6%) 6 ppm
C Population (86%)
Sn in PPM
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01

HISTOGRAM OF VARIABLE 7 MAG

SYMBOL	COUNT	MEAN	ST.DEV.
X	968	1292.192	558.379

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 400.00	+XXXX

APPENDIX II

GEOCHEMICAL

STATISTICS

FOR FULLER GROUP

HISTOGRAM OF VARIABLE 1 PB

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	23.047	46.345

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 25.000	+XXXX

 FULLER CLAIMS SILVER SCEPTRE LOG VALUES

HISTOGRAM OF VARIABLE 1 PB

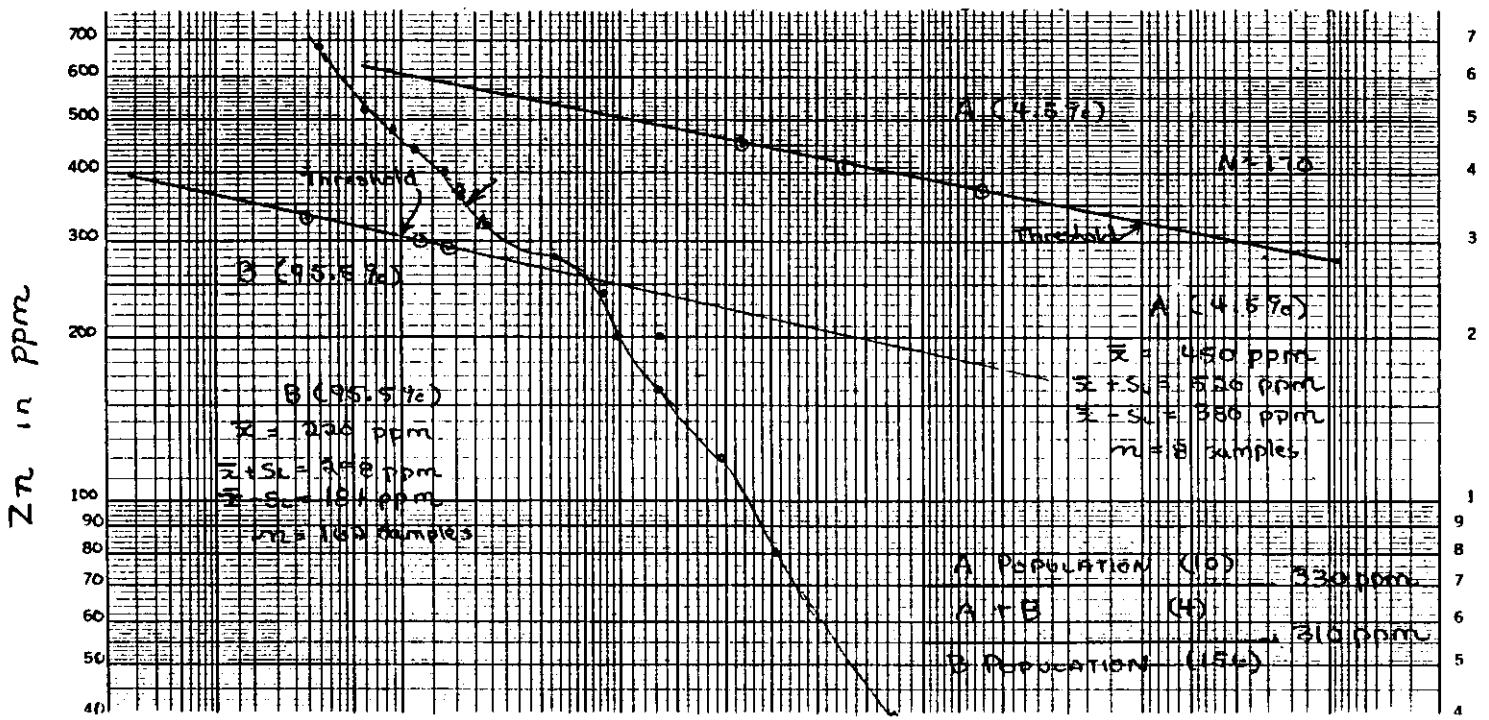
SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1.108	0.439

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .30000	+	0	0	0.0	0.0
* .45000	+XXXXXXXXXXXXXX	15	15	8.8	8.8
* .60000	+XXX	3	18	1.8	10.6
* .75000	+XXXXXXXXXXXXXXXXXX	19	37	11.2	21.8
* .90000	+XXXXXXXX	8	45	4.7	26.5
* 1.0500	+XXXXXXXXXXXXXXXXX	17	62	10.0	36.5
* 1.2000	+XXXXXXXXXXXXXXXXXXXXXXXXX	25	87	14.7	51.2
* 1.3500	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	42	129	24.7	75.9
* 1.5000	+XXXXXXXXXXXXXXX	16	145	9.4	85.3
* 1.6500	+XXXXXXXXXXXX	13	158	7.6	92.9
* 1.8000	+XXXXX	5	163	2.9	95.9
* 1.9500	+XXXX	4	167	2.4	98.2
* 2.1000	+	0	167	0.0	98.2
* 2.2500	+	0	167	0.0	98.2
* 2.4000	+X	1	168	0.6	98.8
* 2.5500	+	0	168	0.0	98.8
* 2.7000	+XX	2	170	1.2	100.0
* 2.8500	+	0	170	0.0	100.0
* 3.0000	+	0	170	0.0	100.0

HISTOGRAM OF VARIABLE 2 ZN

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	125.094	121.232

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
• 40.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	42	42	24.7	24.7
* 80.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	42	84	24.7	49.4
* 120.00	+XXXXXXXXXXXXXXXXXX	19	103	11.2	60.6
* 160.00	+XXXXXXXXXXXXXXXXXX	20	123	11.8	72.4
* 200.00	+XXXXXXXXXXXXX	14	137	8.2	80.6
• 240.00	+XXX	3	140	1.8	82.4
* 280.00	+XXXXXXXXXX	11	151	6.5	88.8
* 320.00	+XXXXXXXXX	9	160	5.3	94.1
* 360.00	+XXX	3	163	1.8	95.9
* 400.00	+X	1	164	0.6	96.5
• 440.00	+XX	2	166	1.2	97.6
• 480.00	+X	1	167	0.6	98.2
• 520.00	+X	1	168	0.6	98.8
• 560.00	+	0	168	0.0	98.8
• 600.00	+	0	168	0.0	98.8
• 640.00	+	0	168	0.0	98.8
• 680.00	+X	1	169	0.6	99.4
* 720.00	+X	1	170	0.6	100.0
• 760.00	+	0	170	0.0	100.0



HISTOGRAM OF VARIABLE 2 ZN

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1.875	0.498

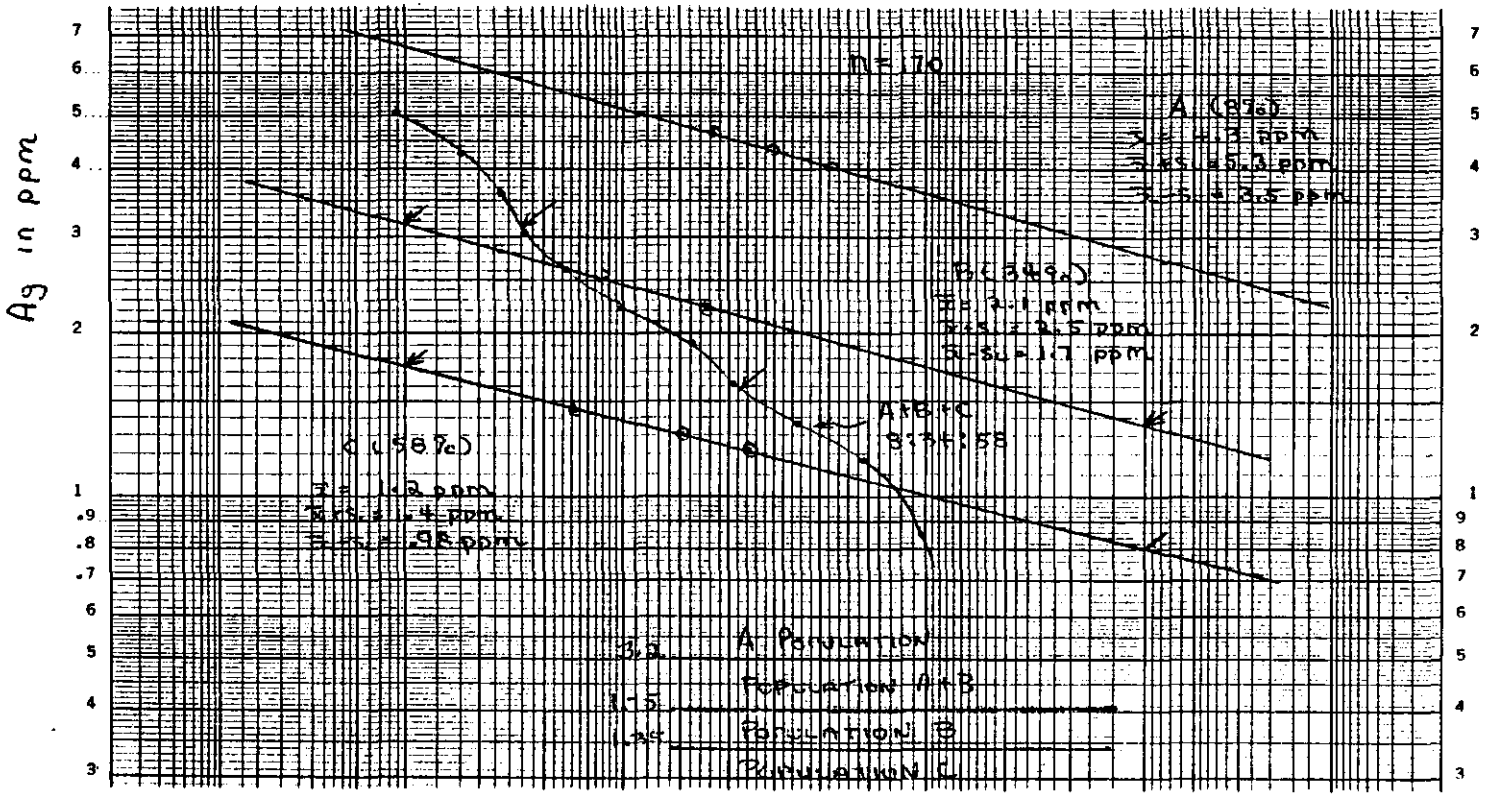
INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
. .18000	+X	1	1	0.6	0.6
. .36000	+	0	1	0.0	0.6
. .54000	+	0	1	0.0	0.6
. .72000	+X	1	2	0.6	1.2
. .90000	+XXXX	4	6	2.4	3.5
. 1.0800	+XXXXXXXXXX	11	17	6.5	10.0
. 1.2600	+XXXXX	5	22	2.9	12.9
* 1.4400	+XXXXX	5	27	2.9	15.9
. 1.6200	+XXXXXXXXXXXXXXX	16	43	9.4	25.3
. 1.8000	+XXXXXXXXXXXXXXXXXXXXXX	24	67	14.1	39.4
. 1.9800	+XXXXXXXXXXXXXXXXXXXXXXXX	26	93	15.3	54.7
* 2.1600	+XXXXXXXXXXXXXXXXXX	21	114	12.4	67.1
. 2.3400	+XXXXXXXXXXXXXXXXXXXXX	24	138	14.1	81.2
. 2.5200	+XXXXXXXXXXXXXXXXXX	22	160	12.9	94.1
. 2.7000	+XXXXXXX	8	168	4.7	98.8
. 2.8800	+XX	2	170	1.2	100.0
* 3.0600	+	0	170	0.0	100.0
* 3.2400	+	0	170	0.0	100.0
* 3.4200	+	0	170	0.0	100.0
	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80				

FULLER CLAIMS SILVER SCEPTRE

HISTOGRAM OF VARIABLE 3 AG

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1.701	1.033

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .60000	+XXXXXX	6	6	3.5	3.5
* .90000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	32	38	18.8	22.4
* 1.2000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXX	30	68	17.6	40.0
* 1.5000	+XXXXXXXXXXXXXXXXXXXXXX	23	91	13.5	53.5
* 1.8000	+XXXXXXXXXXXXXXXX	16	107	9.4	62.9
* 2.1000	+XXXXXXXXXXXXXXXX	16	123	9.4	72.4
* 2.4000	+XXXXXXXXXXXXXXXXXXXX	21	144	12.4	84.7
* 2.7000	+XXXXXXX	7	151	4.1	88.8
* 3.0000	+XXXXX	5	156	2.9	91.8
* 3.3000	+X	1	157	0.6	92.4
* 3.6000	+	0	157	0.0	92.4
* 3.9000	+XXXX	4	161	2.4	94.7
* 4.2000	+XX	2	163	1.2	95.9
* 4.5000	+XX	2	165	1.2	97.1
* 4.8000	+X	1	166	0.6	97.6
* 5.1000	+X	1	167	0.6	98.2
* 5.4000	+XX	2	169	1.2	99.4
* 5.7000	+X	1	170	0.6	100.0
* 6.0000	+	0	170	0.0	100.0



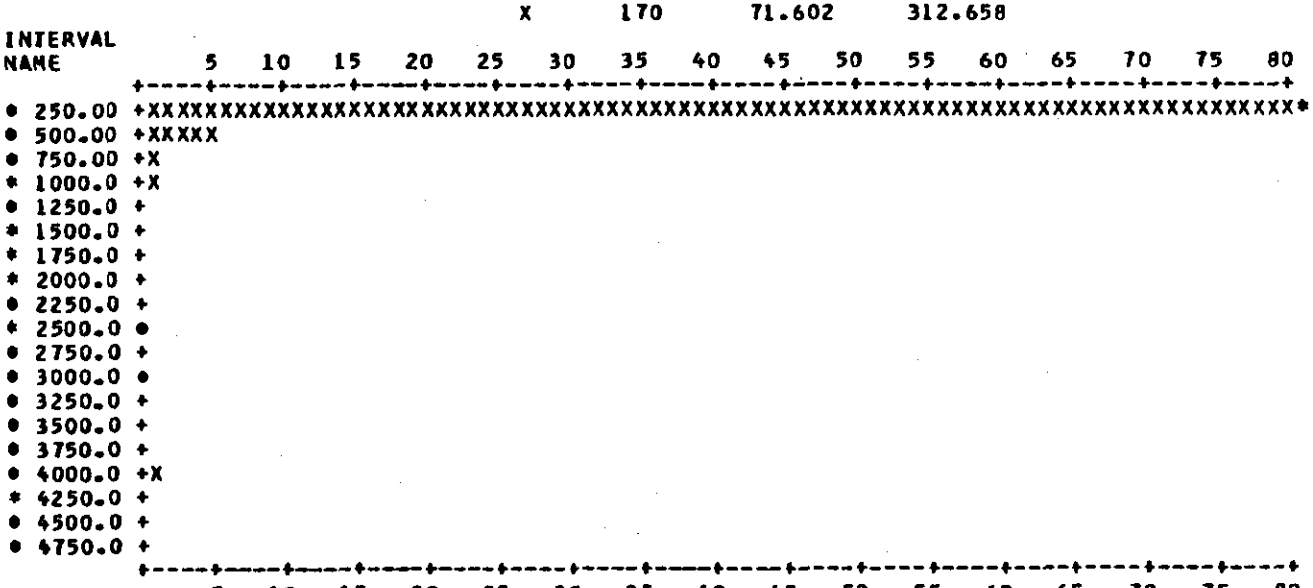
HISTOGRAM OF VARIABLE 3 AG

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	0.161	0.246

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
*-.35000	+XXX	3	3	1.8	1.8
*-.28000	+XXX	3	6	1.8	3.5
*-.21000	+XXXXXXXXXX	10	16	5.9	9.4
*-.14000	+XXXX	4	20	2.4	11.8
*-.07000	+XXXXXXXXXXXXX	14	34	8.2	20.0
* 0.0000	+XXXXXXXXXXXXXXXXX	18	52	10.6	30.6
* .07000	+X	1	53	0.6	31.2
* .14000	+XXXXXXXXXXXXXXXXXXXXX	23	76	13.5	44.7
* .21000	+XXXXXXXXXXXXXXXXXXXXXXXXX	27	103	15.9	60.6
* .28000	+XXXXXXXXXXXXX	13	116	7.6	68.2
* .35000	+XXXXXXXXXXXXXXXXXXX	20	136	11.8	80.0
* .42000	+XXXXXXXXXXXXX	13	149	7.6	87.6
* .49000	+XXXXXXX	7	156	4.1	91.8
* .56000	+XXX	3	159	1.8	93.5
* .63000	+XXXX	4	163	2.4	95.9
* .70000	+XXXX	4	167	2.4	98.2
* .77000	+XXX	3	170	1.8	100.0
* .84000	+	0	170	0.0	100.0
* .91000	+	0	170	0.0	100.0

HISTOGRAM OF VARIABLE 4 AS

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	71.602	312.658


INTERVAL NAME
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80
• 250.00 +XXXX

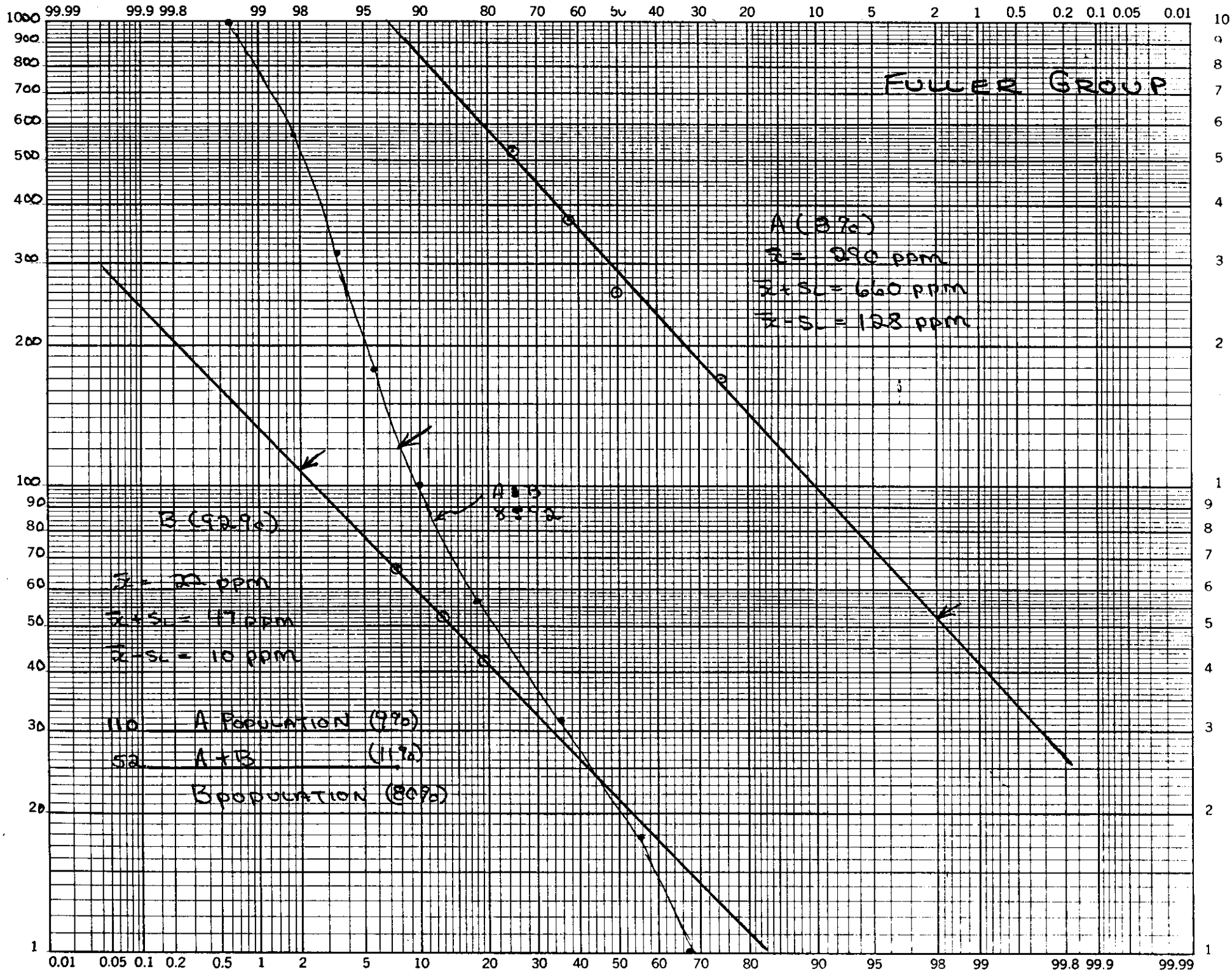
 FULLER CLAIMS SILVER SCEPTRE LOG VALUES

HISTOGRAM OF VARIABLE 4 AS

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1.210	0.740

```
INTERVAL
NAME          5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
          +----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+
*-.25000  +XXXXXXXXXXXXXXX
* 0.0000  +XXX
* .25000  +
* .50000  +XXXXXXXXXXX
* .75000  +XXXXXXXXXX
* 1.0000  +XXXXXXXXXXXXXXXXX
* 1.2500  +XXXXXXXXXXXXXXXXXXX
* 1.5000  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* 1.7500  +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* 2.0000  +XXXXXXXXXXXXX
* 2.2500  +XXXXXXX
* 2.5000  +XXXX
* 2.7500  +XXX
* 3.0000  +XX
* 3.2500  +
* 3.5000  +
* 3.7500  +X
* 4.0000  +
* 4.2500  +
          +----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+
               5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
```

INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
*-.25000	15	15	8.8	8.8
* 0.0000	3	18	1.8	10.6
* .25000	0	18	0.0	10.6
* .50000	11	29	6.5	17.1
* .75000	10	39	5.9	22.9
* 1.0000	17	56	10.0	32.9
* 1.2500	19	75	11.2	44.1
* 1.5000	34	109	20.0	64.1
* 1.7500	31	140	18.2	82.4
* 2.0000	13	153	7.6	90.0
* 2.2500	7	160	4.1	94.1
* 2.5000	4	164	2.4	96.5
* 2.7500	3	167	1.8	98.2
* 3.0000	2	169	1.2	99.4
* 3.2500	0	169	0.0	99.4
* 3.5000	0	169	0.0	99.4
* 3.7500	1	170	0.6	100.0
* 4.0000	0	170	0.0	100.0
* 4.2500	0	170	0.0	100.0


FULLER GROUP
A (82%)
x̄ = 290 ppm
x̄ + SL = 660 ppm
x̄ - SL = 138 ppm
B (18%)
x̄ = 30 ppm
x̄ + SL = 47 ppm
x̄ - SL = 10 ppm
A + B
110 A POPULATION (92%)
52 A + B (11%)
B POPULATION (8%)
As in PPM
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99

HISTOGRAM OF VARIABLE 5 CU

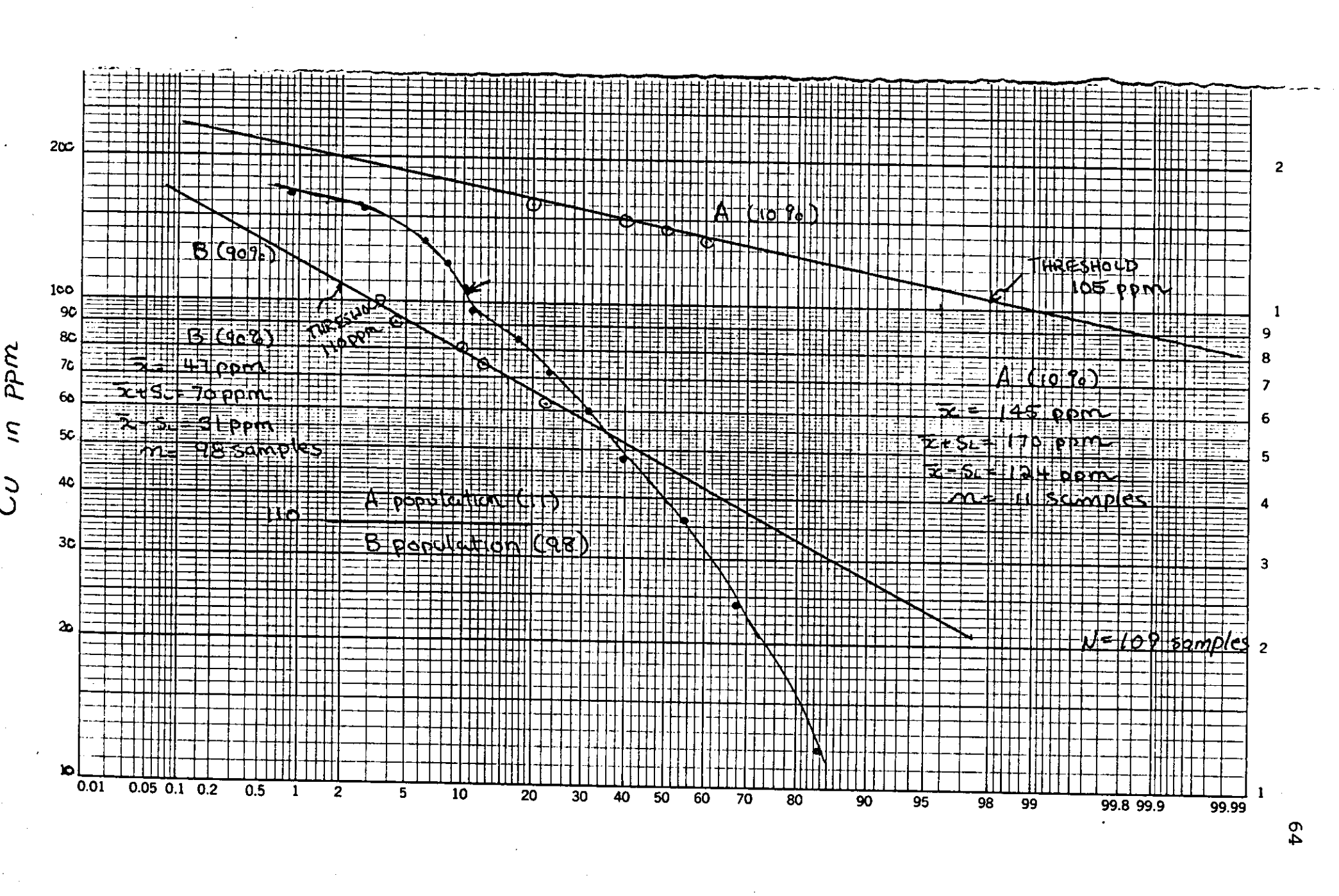
SYMBOL	COUNT	MEAN	ST.DEV.
X	170	28.452	23.813

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
• 10.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	31	31	18.2	18.2
• 20.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36	67	21.2	39.4
* 30.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	42	109	24.7	64.1
• 40.000	+XXXXXXXXXXXXXXXXXXXXXXXXXX	29	138	17.1	81.2
• 50.000	+XXXXXXXXXXX	11	149	6.5	87.6
• 60.000	+XXXXXXXXXX	10	159	5.9	93.5
• 70.000	+XXX	3	162	1.8	95.3
• 80.000	+XXX	3	165	1.8	97.1
* 90.000	+X	1	166	0.6	97.6
• 100.00	+XX	2	168	1.2	98.8
* 110.00	+	0	168	0.0	98.8
* 120.00	+	0	168	0.0	98.8
* 130.00	+	0	168	0.0	98.8
• 140.00	+	0	168	0.0	98.8
• 150.00	+	0	168	0.0	98.8
• 160.00	+	0	168	0.0	98.8
• 170.00	+X	1	169	0.6	99.4
* 180.00	+X	1	170	0.6	100.0
* 190.00	+	0	170	0.0	100.0
	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80				

HISTOGRAM OF VARIABLE 5 CU

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1.317	0.376

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
. .36000	+XXXX	4	4	2.4	2.4
. .48000	+XXXX	4	8	2.4	4.7
. .60000	+	0	8	0.0	4.7
* .72000	+XXXXXXXXX	9	17	5.3	10.0
. .84000	+X	1	18	0.6	10.6
* .96000	+XXXXXXXXXXX	12	30	7.1	17.6
* 1.0800	+XXXXXXXXXX	11	41	6.5	24.1
. 1.2000	+XXXXXXXX	9	50	5.3	29.4
. 1.3200	+XXXXXXXXXXXXXXXX	17	67	10.0	39.4
* 1.4400	+XXXXXXXXXXXXXXXXXXXXXXXXX	28	95	16.5	55.9
* 1.5600	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	35	130	20.6	76.5
. 1.6800	+XXXXXXXXXXXXXXXX	17	147	10.0	86.5
. 1.8000	+XXXXXXXXXXXX	13	160	7.6	94.1
* 1.9200	+XXXXX	5	165	2.9	97.1
. 2.0400	+XXX	3	168	1.8	98.8
. 2.1600	+	0	168	0.0	98.8
. 2.2800	+XX	2	170	1.2	100.0
. 2.4000	+	0	170	0.0	100.0
. 2.5200	+	0	170	0.0	100.0
	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80				


Cu in ppm
200
100
90
80
70
60
50
40
30
20
10
0.01
0.05
0.1
0.2
0.5
1
2
5
10
20
30
40
50
60
70
80
90
95
98
99
99.8
99.9
99.99
2
1
9
8
7
6
5
4
3
2
1
A (10%)
B (90%)
THRESHOLD
105 ppm
THRESHOLD
114 ppm
B (90%)
$\bar{x}$ = 47 ppm
$\bar{x}+S_L$ = 70 ppm
$\bar{x}-S_L$ = 31 ppm
n = 98 samples
A (10%)
$\bar{x}$ = 145 ppm
$\bar{x}+S_L$ = 170 ppm
$\bar{x}-S_L$ = 124 ppm
n = 11 samples
110
A population (11)
B population (98)
N = 109 samples

HISTOGRAM OF VARIABLE 6 SN

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	2.465	1.885

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .70000	+	0	0	0.0	0.0
* 1.4000	+XXXX

HISTOGRAM OF VARIABLE 6 SN

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	0.302	0.268

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .06000	+XXXX

HISTOGRAM OF VARIABLE 7 MAG

SYMBOL	COUNT	MEAN	ST.DEV.
X	170	1358.404	242.592

```
INTERVAL
NAME          5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
        +----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+
* 1100.0 +X
* 1200.0 +XXXXXXXXXXXXXXXXXXXXXXXXX
* 1300.0 +XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* 1400.0 +XXXXXXXXXXXXXXXXXXXXXXXXXXXX
* 1500.0 +XXXXXXX
* 1600.0 +XXXXXX
* 1700.0 +XXXXXXXXXX
* 1800.0 +XXXXX
* 1900.0 +XXXXX
* 2000.0 +XXX
* 2100.0 +
* 2200.0 +X
* 2300.0 +
* 2400.0 +
* 2500.0 +
* 2600.0 +XX
* 2700.0 +
* 2800.0 +
* 2900.0 +
        +----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+
             5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80
```

INTERVAL NAME	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 1100.0	1	1	0.6	0.6
* 1200.0	27	28	15.9	16.5
* 1300.0	75	103	44.1	60.6
* 1400.0	28	131	16.5	77.1
* 1500.0	7	138	4.1	81.2
* 1600.0	6	144	3.5	84.7
* 1700.0	10	154	5.9	90.6
* 1800.0	5	159	2.9	93.5
* 1900.0	5	164	2.9	96.5
* 2000.0	3	167	1.8	98.2
* 2100.0	0	167	0.0	98.2
* 2200.0	1	168	0.6	98.8
* 2300.0	0	168	0.0	98.8
* 2400.0	0	168	0.0	98.8
* 2500.0	0	168	0.0	98.8
* 2600.0	2	170	1.2	100.0
* 2700.0	0	170	0.0	100.0
* 2800.0	0	170	0.0	100.0
* 2900.0	0	170	0.0	100.0

APPENDIX

III

GEOCHEMICAL STATISTICS

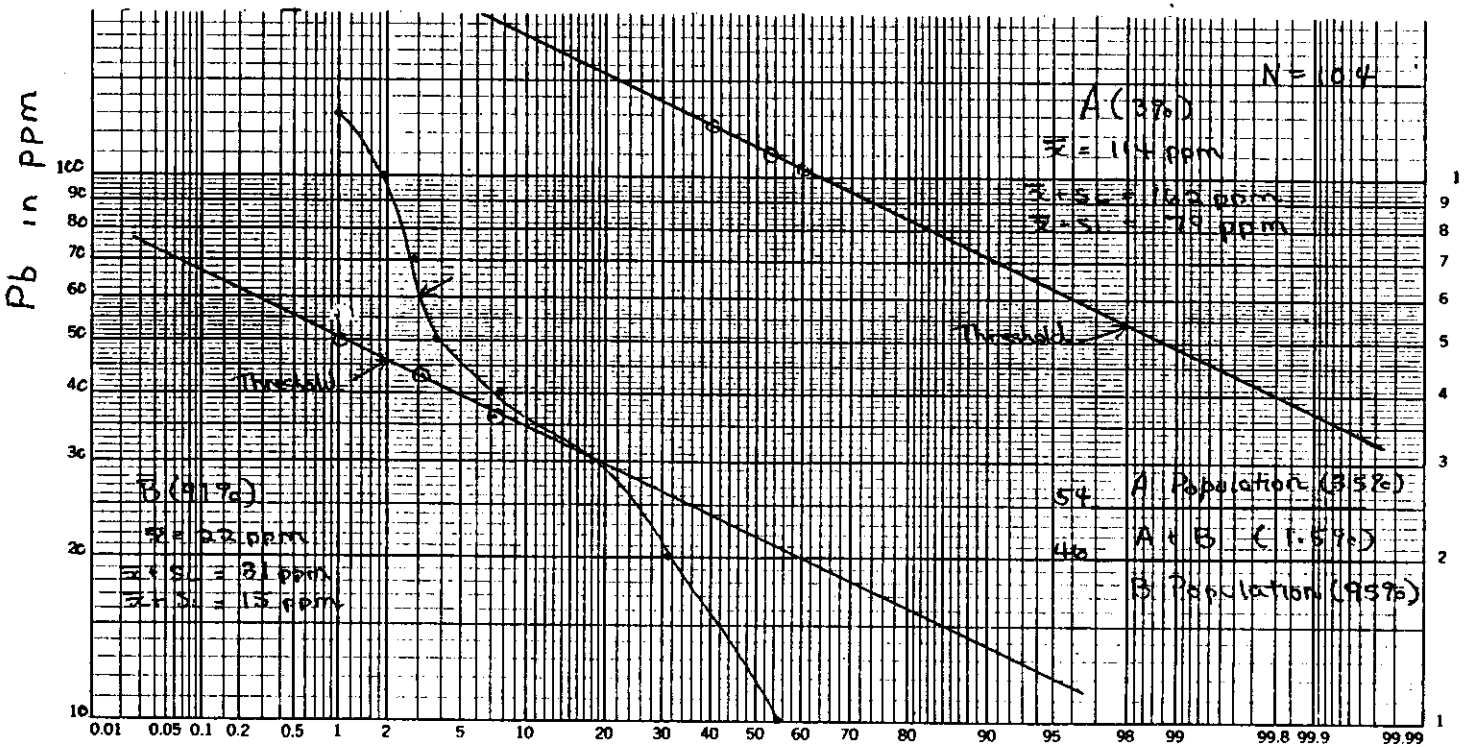
FOR

WILSON GROUP

HISTOGRAM OF VARIABLE 1 PB

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	17.577	23.716

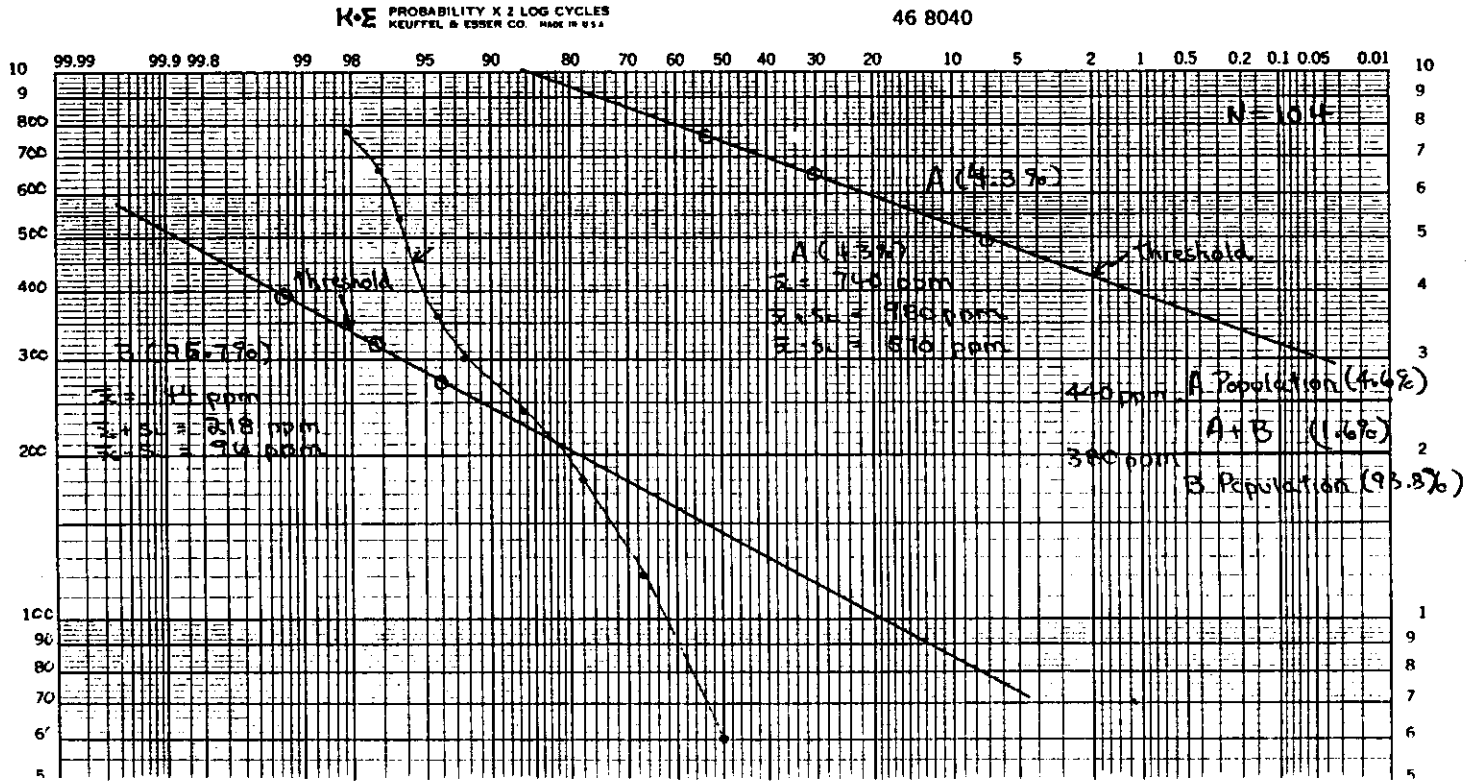
INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 10.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	47	47	45.2	45.2
* 20.000	+XXXXXXXXXXXXXXXXXXXXXX	24	71	23.1	68.3
* 30.000	+XXXXXXXXXXXXX	14	85	13.5	81.7
* 40.000	+XXXXXXXXXXX	11	96	10.6	92.3
* 50.000	+XXXX	4	100	3.8	96.2
* 60.000	+X	1	101	1.0	97.1
* 70.000	+	0	101	0.0	97.1
* 80.000	+	0	101	0.0	97.1
* 90.000	+	0	101	0.0	97.1
* 100.00	+X	1	102	1.0	98.1
* 110.00	+	0	102	0.0	98.1
* 120.00	+	0	102	0.0	98.1
* 130.00	+X	1	103	1.0	99.0
* 140.00	+	0	103	0.0	99.0
* 150.00	+	0	103	0.0	99.0
* 160.00	+	0	103	0.0	99.0
* 170.00	+X	1	104	1.0	100.0
* 180.00	+	0	104	0.0	100.0
	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80				



HISTOGRAM OF VARIABLE 2 ZN

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	124.865	171.702

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 60.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	52	52	50.0	50.0
* 120.00	+XXXXXXXXXXXXXXXXX	18	70	17.3	67.3
* 180.00	+XXXXXXXXXXX	11	81	10.6	77.9
* 240.00	+XXXXXXXXX	9	90	8.7	86.5
* 300.00	+XXXXXX	6	96	5.8	92.3
* 360.00	+XX	2	98	1.9	94.2
* 420.00	+	0	98	0.0	94.2
* 480.00	+	0	98	0.0	94.2
* 540.00	+XX	2	100	1.9	96.2
* 600.00	+	0	100	0.0	96.2
* 660.00	+X	1	101	1.0	97.1
* 720.00	+	0	101	0.0	97.1
* 780.00	+X	1	102	1.0	98.1
* 840.00	+	0	102	0.0	98.1
* 900.00	+	0	102	0.0	98.1
* 960.00	+XX	2	104	1.9	100.0
* 1020.0	+	0	104	0.0	100.0
* 1080.0	+	0	104	0.0	100.0

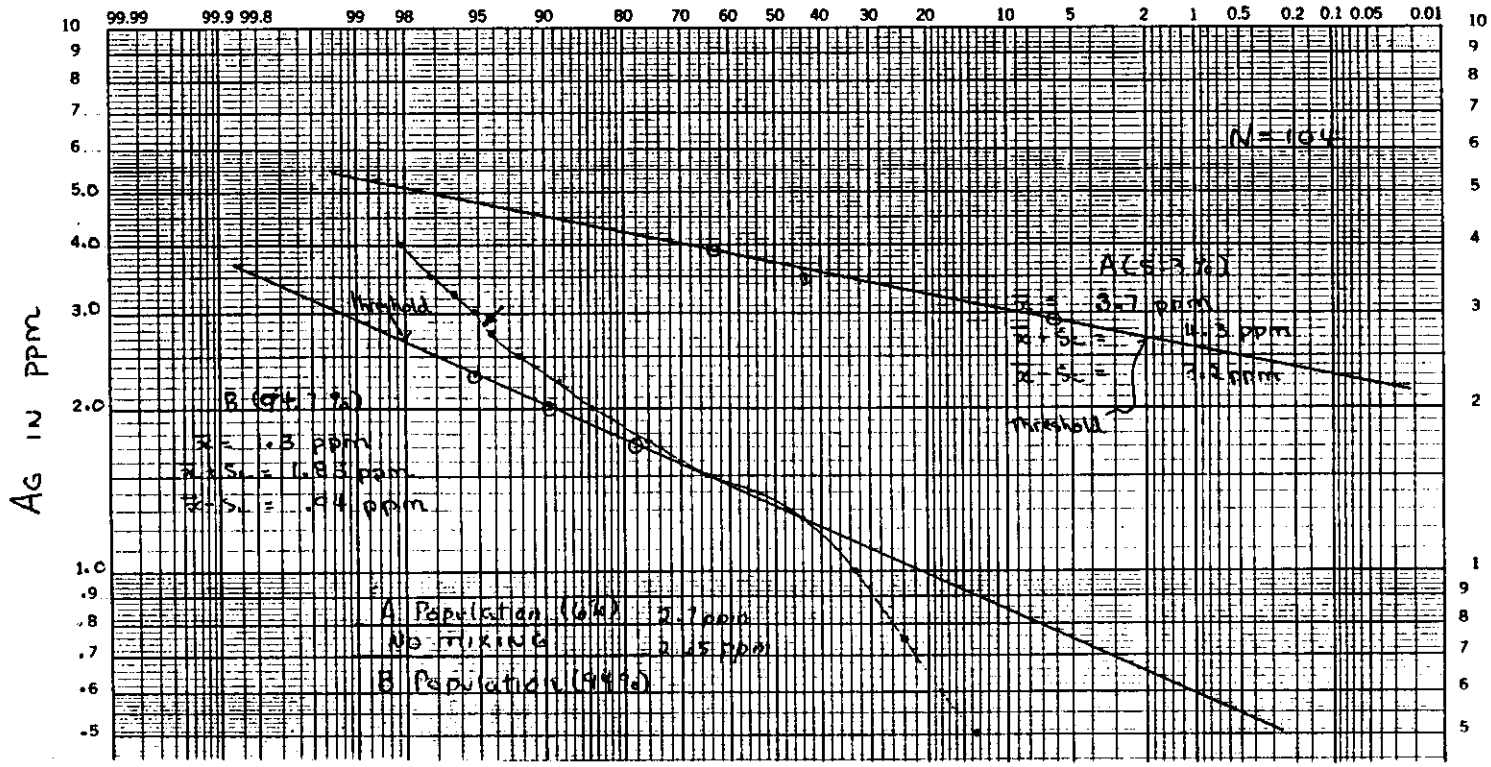


HISTOGRAM OF VARIABLE 3 AG

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	1.406	0.804

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* .50000	+XXXXXXXXXXXXX	14	14	13.5	13.5
* .75000	+XXXXXXXXXXX	11	25	10.6	24.0
* 1.0000	+XXXXXXXXX	9	34	8.7	32.7
* 1.2500	+XXXXXXXX	8	42	7.7	40.4
* 1.5000	+XXXXXXXXXXXXXXXXXXXXXXXXX	25	67	24.0	64.4
* 1.7500	+XXXXXXXXXXXX	12	79	11.5	76.0
* 2.0000	+XXXXXXXXX	9	88	8.7	84.6
* 2.2500	+XXXX	4	92	3.8	88.5
* 2.5000	+XXXX	4	96	3.8	92.3
* 2.7500	+XX	2	98	1.9	94.2
* 3.0000	+X	1	99	1.0	95.2
* 3.2500	+X	1	100	1.0	96.2
* 3.5000	+X	1	101	1.0	97.1
* 3.7500	+	0	101	0.0	97.1
* 4.0000	+X	1	102	1.0	98.1
* 4.2500	+XX	2	104	1.9	100.0
* 4.5000	+	0	104	0.0	100.0
* 4.7500	+	0	104	0.0	100.0

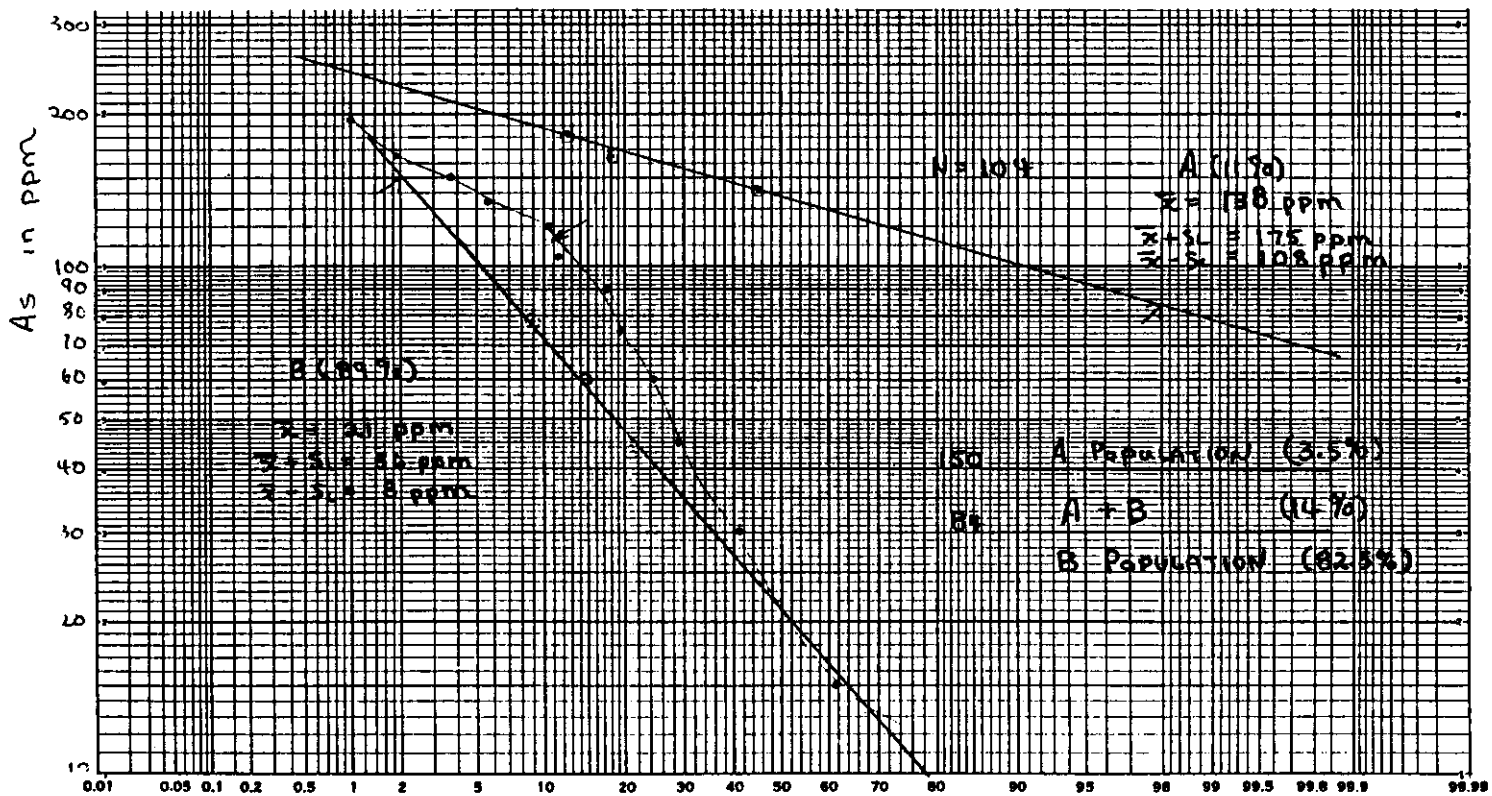
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80



HISTOGRAM OF VARIABLE 4 AS

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	40.822	47.014

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 15.000	+XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	40	40	38.5	38.5
* 30.000	+XXXXXXXXXXXXXXXXXXXX	22	62	21.2	59.6
* 45.000	+XXXXXXXXXXX	12	74	11.5	71.2
* 60.000	+XXXXXXX	7	81	6.7	77.9
* 75.000	+XXX	3	84	2.9	80.8
* 90.000	+XX	2	86	1.9	82.7
* 105.00	+XXXXXX	6	92	5.8	88.5
* 120.00	+X	1	93	1.0	89.4
* 135.00	+XXXXX	5	98	4.8	94.2
* 150.00	+XX	2	100	1.9	96.2
* 165.00	+XX	2	102	1.9	98.1
* 180.00	+	0	102	0.0	98.1
* 195.00	+X	1	103	1.0	99.0
* 210.00	+X	1	104	1.0	100.0
* 225.00	+	0	104	0.0	100.0
* 240.00	+	0	104	0.0	100.0
* 255.00	+	0	104	0.0	100.0
* 270.00	+	0	104	0.0	100.0

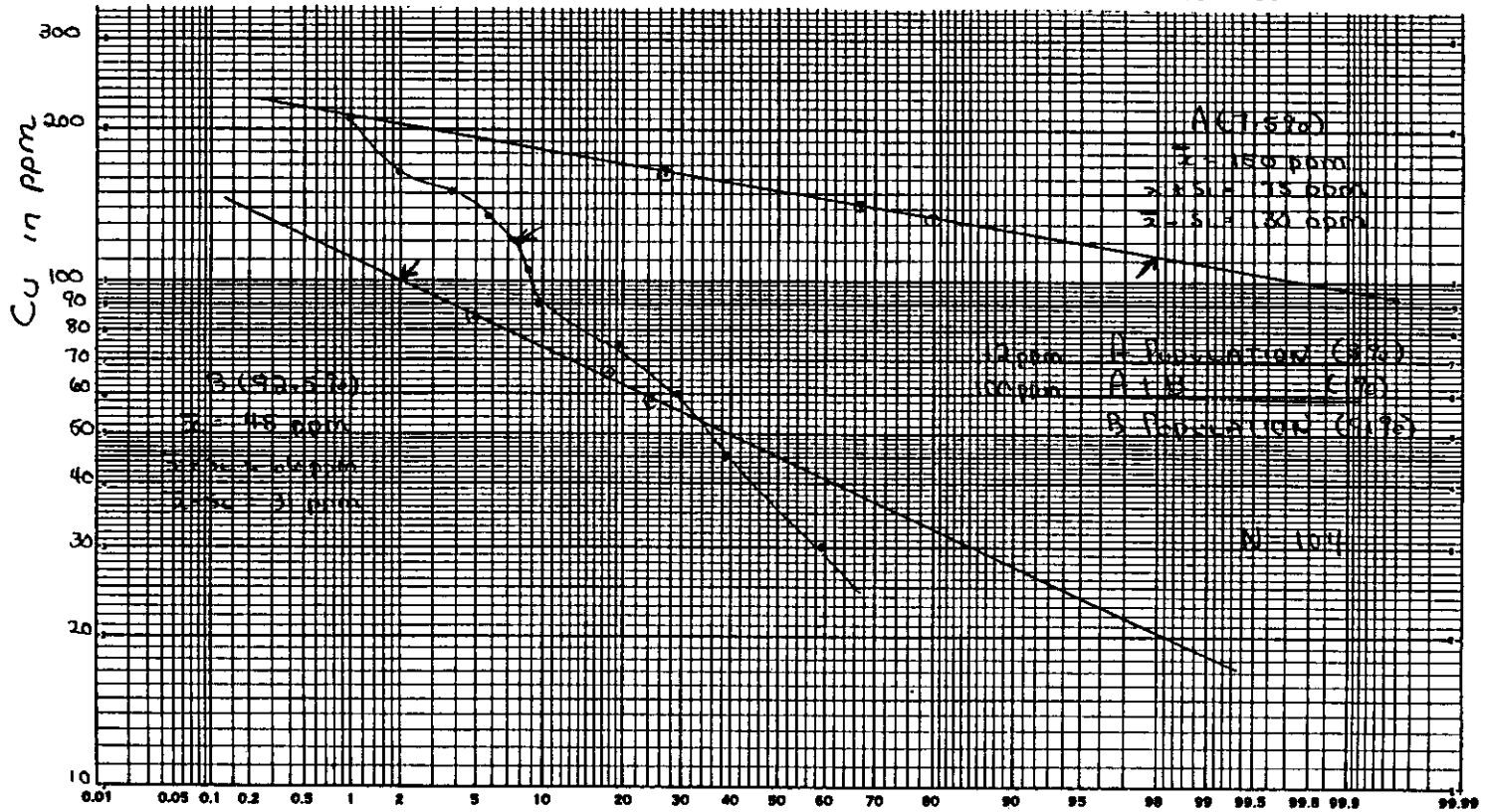


PAGE WILSON CLAIMS SILVER SCEPTRE

HISTOGRAM OF VARIABLE 5 CU

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	48.086	42.087

INTERVAL NAME	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 15.000	+XXXXXXXXXXXXXXXXXXXXXXXX	25	25	24.0	24.0
* 30.000	+XXXXXXXXXXXXXXXX	17	42	16.3	40.4
* 45.000	+XXXXXXXXXXXXXXXXXXXXX	22	64	21.2	61.5
* 60.000	+XXXXXXXXXX	10	74	9.6	71.2
* 75.000	+XXXXXXXXXX	10	84	9.6	80.8
* 90.000	+XXXXXXXXXX	10	94	9.6	90.4
* 105.00	+X	1	95	1.0	91.3
* 120.00	+X	1	96	1.0	92.3
* 135.00	+XX	2	98	1.9	94.2
* 150.00	+XX	2	100	1.9	96.2
* 165.00	+XX	2	102	1.9	98.1
* 180.00	+	0	102	0.0	98.1
* 195.00	+	0	102	0.0	98.1
* 210.00	+X	1	103	1.0	99.0
* 225.00	+X	1	104	1.0	100.0
* 240.00	+	0	104	0.0	100.0
* 255.00	+	0	104	0.0	100.0
* 270.00	+	0	104	0.0	100.0



HISTOGRAM OF VARIABLE 6 SN

SYMBOL	COUNT	MEAN	ST.DEV.
X	104	2.529	3.961

INTERVAL NAME		FREQUENCY INT.	FREQUENCY CUM.	PERCENTAGE INT.	PERCENTAGE CUM.
* 3.6000	+XXXX

APPENDIX IV

GEOCHEMICAL RESULTS RY, FULLER & WILSON CLAIMS

COMPANY Montgomery Consultants

PROJECT No. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

F No. 0-572

DATE: Aug. 18 1980.

Sample Number	Mo ppm	W ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3600N	3700E		1.5				0.4						5	<2
	3750E		4.3				1.5						25	5
	3800E		7.2				1.2						28	<2
	3850E		5.2				2.0						29	2
	3950E		4.0				1.6						31	<2
L3600N	4000E		2.1				1.0						20	2
L3700N	3650E		1.6				0.5						16	<2
	3700E		2.0				0.6						15	<2
	3750E		7.2				1.1						22	<2
	3800E		4.4				1.2						17	3
	3900E		2.8				1.2						28	2
	3950E		2.6				1.0						16	2
L3700N	4000E		2.6				0.8						22	4
L3800N	2350E		2.4				0.6						14	<2
	2400E		5.7				1.1						19	<2
	2450E		1.2				0.4						11	2
	2500E		.8				0.2						5	<2
	2550E		3.9				0.8						22	1.2
	2600E		3.5.5				1.9						41	<2
	2650E		4.7				1.0						29	3
	2700E		2.9				0.9						28	<2
	2750E		3.6				1.0						27	<2
	2800E		2.8				1.0						18	<2
	2850E		.6				0.4						10	2
	2900E		3.3				0.8						23	<2
	2950E		2.9				0.8						18	<2
	3000E		9.4				1.2						35	2
	3050E		3.2				0.9						22	<2
	3100E		5.4				1.0						29	<2
L3800N	3150E		15.4				1.6						50	2

CERTIFIED BY

74

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L 3800N	3200E		183				22						54	2
	3250E		125				19						40	7
	3300E		15				13						24	2
	3350E		80				21						70	2
	3400E		69				20						72	3
	3450E		125				28						120	6
	3500E		15				11						17	<2
	3550E		39				20						43	2
	3600E		295				21						67	<2
	3650E		32				14						4	<2
	3700E		30				16						36	<2
	3750E		30				20						26	2
	3800E		18				17						30	<2
	3850E		7				13						12	3
	3900E		14				16						5	2
	3950E		7				10						4	2
L 3800N	4000E		5				09						4	<2
L 3900N	3300E		55				15						52	<2
	3350E		62				17						61	2
	3400E		14				13						22	<2
	3450E		4				04						4	<2
	3500E		36				12						43	2
	3550E		124				14						131	18
	3600E		128				21						65	55
	3650E		465				40						124	90
	3700E		7				08						12	<2
	3750E		20				09						13	2
	3800E		22				10						19	<2
	3850E		7				06						4	<2
L 3900N	3900E		53				17						44	<2

75

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm	
L3900N	3950E		33				09						17	<2	
L3900N	4000E		27				08						25	<2	
L4000N	3200E		136				10						30	<2	
	3300E		31				09						29	<2	
	3350E		5				03						7	<2	
	3450E		51				10						40	25	
	3500E		110				15						56	85	
	3600E		56				16						54	18	
	3650E		44				10						27	<2	
	3700E		31				09						22	<2	
	3750E		47				13						40	14	
	3800E		19				09						15	16	
	3850E		10				08						17	<2	
	3850E		25				10						19	12	(Dup)
	3900E		39				11						22	5	
L4000N	3950E		38				13						25	3	
L4100N	3050E		53				11						32	<2	
	3100E		13				07						10	<2	(40 mesh)
	3200E		47				12						52	<2	
	3250E		54				12						27	2	
	3300E		103				15						36	4	
	3350E		210				22						90	80	(40 mesh)
	3400E		54				12						38	22	
	3450E		47				13						61	3	(40 mesh)
	3550E		24				16						18	<2	
	3600E		53				11						16	17	
	3650E		44				13						35	2	
	3700E		32				13						47	12	
	3750E		5				08						5	4	
L4100N	3800E		41				15						60	3	

76

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-572

DATE: Aug. 18, 1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4100N	3900E		6				06						5	<2
L4100N	4000E		28				20						56	<2
L4500N	2450E		44				09						36	<2
	2500E		30				10						13	<2
	2600E		78				16						113	<2
	2650E		24				07						17	4
	2700E		24				06						23	7
	2750E		16				07						11	6
	2800E		14				06						8	16
	2850E		48				11						22	2
	2900E		34				10						47	5
	2950E		18				08						18	6
	3000E		56				12						28	3
	3050E		36				14						17	2
	3100E		40				12						18	4
	3150E		28				09						15	18
	3200E		96				08						18	12
	3250E		46				13						14	14
	3300E		88				14						80	10
	3350E		49				10						37	3
	3400E		240				20						63	<2
	3450E		115				66						133	7
	3500E		51				14						63	6
	3550E		43				16						54	3
	3600E		46				21						115	<2
	3650E		68				22						70	12
	3700E		59				11						56	<2
	3750E		26				10						28	<2
	3800E		43				20						55	<2
L4500N	3850E		46				20						86	2

77

CERTIFIED BY:

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

F No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4500N	3900E		4.2				2.0						8.0	<2
	3950E		4.8				1.8						10.9	2
L4500N	4000E		2.8				1.4						6.1	2
L3700N	2300E		4.4				1.1						2.9	<2
	2450E		2.9				0.6						1.7	<2
	2600E		7.2				1.1						3.7	<2
	3000E		2.0				0.8						1.8	<2
	2400E		3.8				1.1						1.9	2
	3400E		5.7				1.3						7.9	<2
	3450E		7.7				1.9						7.5	4
L3700N	2550E		1.2				0.6						1.3	<2
L4400N	2450E		4				0.4						3	<2
	2500E		3.0				1.1						1.8	3
	2550E		3.6				0.9						1.8	2
	2600E		4				0.2						4	2
	2650E		1.9				0.7						1.7	<2
	2700E		2.0				0.8						1.8	3
	2750E		2.7				1.1						2.7	3
	2800E		2.4				1.7						3.9	2
	2900E		6.4				2.7						6.5	4
	2950E		5.7				1.2						1.7	2
	3000E		8.0				1.2						2.4	<2
	3050E		3.3				1.1						2.5	8
	3100E		2.6				0.7						1.7	3
	3150E		2.4				0.8						1.9	7
	3200E		1.8				0.5						1.5	4
	3250E		21.20				3.0						1.7	6
	3300E		21				0.4						4	<2
	3350E		3.4				0.9						1.5	2
L4400N	3400E		2.4				1.1						1.8	2

CERTIFIED BY

78

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

F No. 0-572

DATE: Aug. 18, 1980.

Sample Number		Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L40 00N	3+50E		3.7					1.8						4.5	<2
	3+60E		7.0					2.0						7.3	<2
	3+65E		5.4					1.9						5.7	3
	3+70E		9					0.8						1.5	2
	3+75E		5.0					2.0						9.5	2
	3+80E		1.4					1.8						2.2	<2
	3+85E		5.4					2.7						12.1	2
	3+90E		3.6					5.1						8.0	3
	3+95E		1.8					1.6						6.8	2
L40 00N	4+00E		2.0					1.8						6.8	<2
L43 00N	2+45E		2.0					1.8						3.5	<2
	2+50E		1.2					1.0						9	3
	2+55E		1.8					1.2						2.2	2
	2+60E		1.2					0.6						7	3
	2+65E		2.1					1.3						2.3	2
	2+70E		1.5					1.5						1.6	2
	2+75E		5.1					1.8						3.5	2
	2+80E		6.0					1.8						3.5	5
	2+85E		1.2					1.0						1.3	<2
	2+90E		2					0.9						7	<2
	3+00E		6					1.1						7	3
	3+05E		1					0.5						3	<2
	3+20E		1.0					0.6						9	3
	3+30E		3					0.5						7	<2
	3+35E		6					0.5						6	<2
	3+40E		3.6					1.7						4.5	2
	3+55E		3					0.5						7	2
	3+60E		3					0.7						7	<2
	3+65E		1.3					1.9						4.9	<2
L43 00N	3+70E		7					0.6						7	3

79

CERTIFIED BY

COMPANY Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4300N	3800E		33				19						63	3
	3850E		30				24						54	2
	3900E		40				20						77	<2
	3950E		44				44						91	<2
L4300N	4000E		26				24						40	2
L3500E	3600N		1520				78						166	225
	3650N		1630				76						123	340
	3700N		17				04						5	<2
L3500E	3750N		19				06						6	3
L2850N	3700N		48				22						94	5
L3150N	3700E		88				16						47	4
L3200N	3700E		184				60						365	48
L4200N	2500E		24				08						18	3
	2550E		35				12						26	2
	2600E		32				08						10	17
	2650E		48				10						26	5
	2700E		23				06						6	4
	2750E		29				08						19	2
	2800E		76				14						37	<2
	2850E		72				12						26	5
	2900E		42				11						19	8
	2950E		26				07						18	7
	3000E		38				15						34	5
	3050E		4				03						3	2
	3100E		4				08						5	4
	3150E		30				08						15	22
	3200E		41				12						37	<2
	3250E		44				10						24	3
	3300E		56				16						88	4
L4200N	3350E		203				15						30	9

80

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L42 00N	34 00E		10.3				04						5	3
	35 00E		5.1				10						22	14
	35 50E		7.1				10						21	12
	36 00E		4.1				07						18	15
	36 50E		3.8				18						70	3
	37 00E		3.9				19						6.8	2
	37 50E		3.9				22						7.6	<2
	38 00E		2.0				13						2.8	<2
	38 50E		3.3				25						5.0	<2
	39 00E		1.2				22						1.2	2
L42 00N	39 50E		3.9				29						5.9	<2
L32 50N	36 50E		3.3				11						40	10
L32 50N	38 00E		5.3				12						5.8	4
L41 00N	24 50E		3.3				12						1.7	<2
	25 00E		3.7				14						1.7	<2
	26 00E		2.0				07						1.4	<2
	27 00E		1.7				09						1.0	3
	27 50E		2.4				07						1.3	2
	28 00E		2.2				10						1.1	<2
	28 50E		5.5				15						4.5	13
	29 00E		4.4				11						3.8	9
	29 50E		4.5				11						2.0	4
L41 00N	30 00E		6.1				12						2.7	3
L33 00N	36 50E		15.3				23						133	6.5
L33 00N	38 00E		3.0				06						3.0	<2
L37 00N	35 50E		150.0				76						109	8.5
L37 00N	36 00E		8.0				19						8.4	<2
L35 00N	36 00E		6.4				48						17.2	<2
L35 00N	37 00E		10.0				13						6.3	13
L36 00N	28 00E		6.2				14						3.1	<2

81

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-

DATE: Aug. 1 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3600N	3350E		7.8				11						46	<2
	3450E		25.6				15						105	7
L3600N	3550E		12.5				14						45	4
L3400E	3700E		10.1				07						36	<2
L3400N	3800E		9.7				12						55	2
	3900E		4.7				06						37	<2
	3950E		2.8				05						22	4
L3400N	4000E		3.0				04						31	<2

CERTIFIED BY

82

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Ru ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
3300N 3500E			14.9				7.50						6520	6.8
3550E			2.8				3.9						420	<2
3600E			3.2				3.6						170	3
3700E			3.3				0.9						23	3
3850E			2.3				1.5						22	5
3900E			3.2				1.7						10	5
3950E			2.9				1.4						19	6
3300N 4000E			1.8				0.7						10	4
3300N 3350E			3.6				1.8						26	7
L3400N 3550E			15.6				2.2						52	3.5
3600E			4.0				2.3						44	2
3650E			3.2				1.7						22	<2
3750E			2.8				1.2						11	5
L3400N 3850E			3.4				1.6						15	10
L3500N 2300E			1.6				0.7						25	3
2350E			1.6				1.2						16	2
2400E			2.0				1.6						22	<2
2450E			5.3				1.1						12	<2
2500E			2.6				1.8						23	2
2550E			1.6				1.3						12	4
3550E			2.4				1.7						20	7
3650E			2.2				1.7						75	6
3750E			2.8				2.1						18	3
3800E			2.4				2.0						18	2
3850E			2.8				1.9						16	<2
3900E			2.9				2.0						20	3
3950E			1.2				1.4						4	2
L3500N 4000E			1.8				1.9						28	4
L3500N 3650E			1.8				1.2						16	2 (Dp.)
L3600N 2300E			2.4				1.7						19	<2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

F No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L 36 00N	23 50E		32				18						28	< 2
	24 00E		22				15						16	3
	24 50E		26				17						32	5
	25 00E		35				21						20	6
	25 50E		22				11						38	530
	26 00E		24				17						18	8
	27 50E		20				12						26	4
	28 50E		32				17						6	3
	29 00E		25				11						11	3
	29 50E		28				13						14	2
L 36 00N	30 00E		30				16						10	11
	30 50E		26				14						16	< 2
	31 00E		40				17						9	4
	31 50E		40				18						23	3
	32 00E		38				16						15	3
	32 50E		40				19						28	7
	33 00E		22				13						14	4
	34 00E		122				16						48	22
	36 00E		36				17						16	< 2
L 36 00N	39 00E		43				23						22	< 2
37 00N	2 35 0E		32				17						20	2
	2 50 0E		34				10						10	< 2
	2 65 0E		23				11						10	2
	2 75 0E		32				12						14	4
	2 80 0E		35				15						19	3
	2 85 0E		22				13						15	2
	2 90 0E		30				12						21	< 2
	2 95 0E		28				10						12	6
	3 05 0E		36				20						23	3
37 00N	3 10 0E		25				15						14	7

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT #: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Au ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
3700N	1500E		3.2				16						2.8	<2
	3200E		2.9				14						2.1	2
	3250E		2.8				15						2.0	2
3700N	3000E		2.8				13						1.1	3
L3900N	2300E		2.2				09						.6	3
	2350E		3.2				12						.9	2
	2400E		2.3				11						1.7	5
	2450E		2.2				12						1.9	<2
	2500E		5.0				10						1.5	1.3
	2550E		1.2				04						.7	<2
	2600E		3.5				16						2.4	3
	2650E		3.0				15						2.1	<2
	2700E		3.0				14						1.6	6
	2750E		3.2				15						2.0	4
	2800E		.9				04						.6	<2
	2850E		3.8				14						2.9	3
	2950E		2.2				13						1.3	3
	3000E		2.6				16						1.8	2
	3050E		2.4				12						1.4	4
	3100E		3.4				15						2.2	3
	3150E		2.0				10						1.1	5
	3200E		3.2				14						2.3	1.1
L3900N	3250E		3.8				14						.7	4
L4000N	2350E		2.0				06						2.5	2.5
	2400E		3.2				16						2.6	3
	2450E		2.8				17						1.6	<2
	2500E		3.0				18						2.0	<2
	2550E		1.6				12						1.7	<2
	2600E		2.5				14						2.7	4
L4000N	2650E		2.5				16						3.1	3

85

CERTIFIED BY

COMPANY Montgomery Consultants

PROJECT No. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4000N	2700E		24				12						15	7
	2800E		26				13						19	<2
	2850E		42				14						16	11
	2900E		29				12						18	6
	2950E		26				13						19	<2
	3000E		31				14						10	2
	3050E		30				14						15	2
	3100E		31				15						17	<2
	3150E		24				12						13	10
	3250E		35				16						22	2
	3400E		4				04						2	4
L4000N	3550E		30				17						30	3
L4100N	2550E		29				16						21	12
	2650E		26				14						23	4
	3000E		123				13						22	32
	3150E		32				12						18	<2
	3500E		5				04						4	<2
L4100N	3950E		7				04						3	<2
L4300N	2950E		34				14						37	4
	3100E		28				18						18	9
	3150E		28				12						15	<2
	3250E		25				12						15	3
	3500E		5				05						4	2
L4300N	3750E		16				08						13	<2
L4400N	3450E		14				13						19	<2
BL3500E	2850N		18				09						74	3
	2900N		16				10						20	<2
	2950N		15				17						285	38
	3000N		22				16						148	<2
BL3500E	3050N		20				15						116	<2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

F No. 0-572

DATE: Aug. 18, 1980.

Sample Number	Mo ppm	Ox ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
BL3500E	3100N		24				16						370	3
	3150N		68				205						2150	<2
	3200N		26				42						335	<2
	3250N		36				22						290	<2
	3300N		26				19						223	8
	3350N		24				12						21	5
	3400N		25				13						31	13
	3450N		30				13						20	6
	3500N		30				15						8	3
BL3500E	3550N		20				10						12	5
L2900N	3700E		30				12						20	4
3100N	3700E		22				10						32	2
3100N	3750E		32				10						21	2
3200N	3650E		82				24						21	4
3250N	3600E		124				16						144	10
	3700E		34				14						20	5
3250N	3750E		34				14						25	3
L4000N	2750E		36				15						19	2

CERTIFIED BY

87

COMPANY Montgomery Consultants

PROJECT No. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm		
L 3800 -	4050 E		44	73			12						2		
	4100 E		4	7			05						< 2		
	4150 E		3.5	46			07						2		
	4200 E		4.3	67			19						3		
	4250 E		3.7	57			17						2		
	4300 E		3.5	68			15						2		
	4350 E		3.1	57			18						2		
	4400 E		4.2	116			22						2		
	4500 E		3.9	112			43						3		
	4550 E		2.4	56			37						< 2		
	4600 E		3.4	30			12						2		
	4650 E		1.0	6			04						< 2		
	4700 E		3.0	18			06						2		
	4750 E		3.6	41			12						< 2		
	4800 E		3.9	44			10						2		
	4850 E		3.3	44			08						< 2		
	4900 E		3.2	39			08						< 2		
L 3800 -	4950 E		3.9	89			14						3		
L 3900 -	4050 E		1.6	26			10						< 2		
	4100 E		1.2	12			12						2		
	4150 E		3	5			05						2		
	4200 E		7	6			06						< 2		
	4250 E		2.5	36			20						2		
	4300 E		3	4			07						< 2		
	4350 E		2.9	45			15						3		
	4400 E		3.0	39			23						< 2		
	4450 E		2.6	35			14						< 2		
	4500 E		3.7	51			13						2		
	4550 E		3.9	130			29						2		
L 3900 -	4600 E		4.3	121			34						< 2		

CERTIFIED BY

88

COMPANY Montgomery Consultants

PROJECT No.. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm		
L3900-4650E	8	10					0.8						<2		
4700E	2	7					0.7						10		
4750E	3	0		4	3		0.7						<2		
4800E	3	2		5	6		1.0						2		
4850E	3	3		5	0		0.6						2		
4900E	1	3		1	2		0.6						<2		
4950E	2	3		2	7		0.4						<2		
L3900-5000E	1	4		1	9		0.6						6		
L4800-2500E	4	4		1	6		1.1						3		
2550E		6		5			0.3						<2		
2600E	3	5		1	8		1.0						<2		
2650E	4	7		3	7		1.1						3		
2700E	4	0		3	8		1.0						4		
2750E		6		4			0.8						<2		
2800E	3	4		4	7		1.8						<2		
2850E	3	6		4	7		1.3						2		
2900E	3	0		4	4		2.3						<2		
2950E	3	6		6	1		1.3						3		
3000E	4	0		2	0		1.0						<2		
3050E	3	1		4	3		0.6						<2		
3100E	5	7		7	4		2.3						<2		
3150E	1	5		1	1		0.4						3		
3200E		6		6			0.3						<2		
3250E		8		6			0.2						<2		
3300E		6		6			0.8						<2		
3350E		7		7			0.8						<2		
3400E	4	3		4	6		2.1						4		
3450E		9		8			0.6						<2		
3500E		7		5			0.7						<2		
L4800-3550E	3	2		3	7		1.4						<2		

CERTIFIED BY

89

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

F No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L4800-3600E		40	57				1.5						5
3650E		30	35				1.3						10
3700E		42	64				1.7						12
3750E		14	15				0.7						4
3800E		50	76				2.4						16
3850E		43	60				2.0						20
3900E		82	85				2.0						<2
3950E		47	64				1.4						3
L4800-4000E		61	92				1.9						17
L4900-2500E		26	11				0.6						6
2550E		37	48				1.4						8.5
2650E		19	22				0.6						5
2700E		4	6				0.3						<2
2750E		27	31				0.4						2
2800E		37	40				1.6						6
2850E		25	32				1.2						<2
2900E		33	35				1.1						3
2950E		38	62				1.6						<2
3000E		36	56				1.2						<2
3050E		19	23				0.7						2
3100E		11	6				0.3						<2
3150E		27	64				0.7						<2
3200E		50	33				1.3						<2
3300E		25	15				0.7						3
3350E		25	22				1.2						<2
3400E		32	28				1.1						<2
3450E		43	52				1.2						3
3500E		39	45				1.7						2
3550E		7	10				0.4						<2
L4900-3600E		43	66				1.5						<2

CERTIFIED BY

90

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

F No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm		
L4900-E	3650	E	4.5	43			1.0						2		
	3700	E	4.6	44			1.4						<2		
	3750	E	4.0	6.7			1.2						<2		
	3800	E	2.9	4.5			1.4						<2		
	3850	E	1.4	2.0			0.8						4		
	3900	E	3.3	6.8			1.4						3		
	3950	E	2.8	4.1			1.4						3		
	4000	E	1.8	13.2			1.4						5		
L4900-S	3250	E	1.3	1.8			0.6						7		
L5100-S	2550	E	2.2	4.1			1.2						2		
	2600	E	1.1	1.2			0.8						2		
	2650	E	2.7	2.0			0.8						3		
	2700	E	3.2	4.0			0.9						<2		
	2750	E	3.2	5.4			1.1						2		
	2800	E	2.4	4.2			0.9						<2		
	2850	E	2.6	4.8			1.0						4		
	2900	E	2.6	4.4			1.0						2		
	2950	E	2.4	4.2			1.7						3		
	3000	E	2.6	5.6			1.2						4		
	3050	E	2.6	3.0			1.9						3		
	3100	E	1.8	2.1			1.2						2		
	3150	E	1.8	2.6			1.5						2		
	3200	E	3.8	3.6			1.3						2		
L5100-S	3250	E	3.8	6.8			1.5						4		
	3300	E	3.2	10.8			1.8						<2		
	3500	E	3.9	9.3			1.8						7		
	3550	E	2.4	6.0			1.0						<2		
	3600	E	3.8	10.0			1.8						<2		
	3650	E	4.0	11.1			1.8						4		
L5100-S	3700	E	1.9	3.2			0.9						2		

CERTIFIED BY

91

COMPANY: Montgomery Consultants

PROJECT No: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm		
L5100-3750E		3.5	5.6				1.6						5		
3800E		5.0	10.2				1.9						<2		
3850E		2.8	4.6				1.2						3		
3900E		4.7	11.3				2.2						<2		
L5100-3950E		44	1.07				1.8						2		
L5000-2500E		3.3	2.6				1.3						<2		
2550E		3.5	1.8				1.0						3		
2600E		4.3	7.4				1.6						4		
2650E		4.2	7.0				1.6						4		
2700E		3.7	5.6				1.6						5		
2750E		3.5	4.7				1.4						3		
2800E		1.0	.9				0.5						7		
2850E		1.4	1.5				1.0						3		
2900E		1.6	2.2				1.3						2		
2950E		2.8	3.0				2.0						2		
3000E		1.2	1.0				1.0						2		
3050E		3.4	4.4				1.6						2		
3100E		3.4	4.6				1.8						<2		
3150E		4.1	6.0				1.7						2		
3200E		4.3	6.5				2.2						3		
3250E		1.5	1.2				1.0						2		
3300E		1.9	1.4				0.8						2		
3350E		3.8	5.2				1.6						<2		
3400E		4.5	4.6				1.6						5		
3450E		3.6	2.8				1.4						3		
3500E		3.4	4.3				1.3						<2		
3550E		2.6	2.4				0.8						4		
3600E		3.2	5.6				1.6						4		
3650E		4.0	6.9				1.8						2.1		
L5000-3700E		4.1	8.0				2.0						3		

CERTIFIED BY

92

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

F No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L5000-37500E		78	34				18						<2
38000E		122	49				16						4
38500E		73	32				17						2
39000E		82	28				15						3
L5000-39500E		70	24				14						2
L4700-24500E		13	28				08						4
25000E		12	29				08						2
25500E		2	1				02						6
26000E		2	1				04						5
26500E		14	24				09						3
27000E		51	42				13						5
27500E		10	6				03						2
28500E		12	16				06						2
29000E		49	40				10						<2
29500E		5	4				02						16
30000E		6	7				04						<2
30500E		8	12				05						4
31000E		9	38				11						18
31500E		30	29				08						2
32000E		21	22				08						2
32500E		5	4				04						3
33000E		4	3				07						<2
33500E		10	8				05						<2
34000E		4	2				05						3
34500E		22	9				08						2
35000E		26	16				12						2
35500E		38	29				15						3
36000E		38	28				18						2
36500E		32	16				09						3
L4700-37000E		64	42				14						4

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm		
L4700-3750E		50	77				12						2		
3800E		60	74				20						5		
3850E		98	137				15						4		
3900E		82	112				19						3		
3950E		57	143				18						2		
L4700-4000E		56	117				20						2		
L4700-2800E		24	36				13						<2		
L4600-2650E		22	15				09						<2		
2700E		18	28				05						<2		
2750E		28	32				08						4		
2800E		4	6				02						<2		
2850E		20	24				06						5		
2900E		20	36				08						21		
3000E		34	23				09						2		
3050E		28	22				07						2		
3150E		45	16				08						2		
3200E		18	11				04						<2		
3250E		10	12				07						<2		
3300E		11	10				06						<2		
3350E		34	41				13						4		
3400E		4	8				05						<2		
3500E		34	55				14						2		
3550E		20	25				09						2		
3600E		36	56				12						2		
3650E		20	28				14						3		
3700E		46	69				16						3		
3750E		66	73				25						2		
3800E		86	110				22						3		
3850		87	103				20						4		
L4600-3900E		62	103				36						2		

94

CERTIFIED BY

COMPANY Montgomery Consultants

PROJECT No. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L4600-3950E		47	118				2.2						<2
L5200-2500E		16	40				1.3						2
2550E		25	47				0.6						<2
2650E		25	80				1.2						2
2700E		32	31				1.2						3
2750E		22	67				1.0						4
2800E		30	84				1.4						3
2850E		31	85				1.5						5
2900E		13	35				1.8						4
2950E		25	26				1.2						<2
3000E		17	23				1.1						<2
3050E		26	28				1.2						2
3100E		23	30				1.9						3
3150E		26	47				1.4						<2
3200E		18	32				2.0						3
3250E		29	47				1.7						3
3300E		39	66				1.4						4
3350E		39	82				1.4						5
3400E		33	64				1.8						4
3450E		29	58				1.2						3
3500E		26	52				1.1						2
3550E		25	41				1.0						<2
3600E		22	43				1.4						3
3650E		17	30				0.8						<2
3700E		46	150				2.2						<2
3750E		46	140				2.4						<2
3800E		32	65				2.1						<2
3850E		41	110				1.6						3
3900E		41	110				2.1						2
L5200-3950E		43	124				2.0						4

CERTIFIED BY

95

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L5200-4000E		48	111				16						4
L4000-4050E		18	28				15						5
4100E		20	38				14						3
4150E		24	57				18						3
4250E		36	94				32						<2
4300E		22	50				27						4
4350E		19	40				19						<2
4400E		24	50				14						3
4450E		28	58				16						2
4500E		20	32				10						<2
4550E		30	80				14						11
4600E		29	63				13						4
4650E		32	115				26						3
4750E		22	54				11						6
4800E		32	73				13						7
4850E		21	44				12						3
4900E		22	49				07						8
4950E		15	30				06						5
L4000-5000E		108	130				13						17
L4100-4050E		25	56				40						2
4100E		40	82				30						3
4150E		11	32				14						2
4200E		32	77				18						6
4250E		26	54				15						34
4300E		5	14				02						3
4350E		12	36				08						6
4400E		18	47				18						7
4450E		19	61				14						4
4500E		34	85				10						4
L4100-4550E		26	68				09						3

96

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ALYSIS DATA SHEET

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

F. No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L4100-4600E		3.6	54				1.8						3
4650		4.1	7.0				2.3						2
4700E		5.5	164				3.3						3
4750E		3.8	148				3.3						6
4800E		2.5	4.7				1.5						7
4850E		3.9	7.8				6.2						5
4900E		6.2	123				4.5						7
4950E		4.6	111				4.7						4
L4100-5000E		6.3	142				4.3						4
L5300-2500E		3.3	5.5				1.9						2
2550E		2.6	5.4				1.9						7
2600E		2.1	3.4				1.4						12
2650E		3.4	6.8				2.2						5
2700E		2.6	6.9				1.7						3
2750E		2.8	7.4				1.6						4
2800E		3.0	7.4				2.6						2
2850E		2.6	6.4				1.6						62
2900E		3.6	9.5				2.2						6
2950E		3.4	8.2				2.4						5
3000E		2.4	5.3				1.8						3
3050E		2.8	5.2				1.9						3
3100E		2.2	2.6				1.6						2
3150E		3.2	3.2				1.6						16
3200E		3.3	3.8				2.0						7
3250E		3.8	5.2				1.8						3
3300E		4.3	8.1				2.0						4
3350E		3.6	4.8				2.5						6
3400E		3.3	5.2				1.8						5
3450E		2.1	4.4				1.5						5
L5300-3500E		1.9	3.3				1.4						4

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FI. No. 0-618

DATE: Aug. 27, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Sn ppm
L5300-3550E		107	3.9				1.5						7
3600E		46	3.6				1.6						3
3650E		58	3.8				2.2						4
3700E		113	5.3				4.4						8
3750E		108	5.6				3.4						3
3800E		88	5.1				1.8						4
3850E		123	4.7				1.8						6
3900E		100	5.1				1.6						4
3950E		56	3.5				1.3						3
L5300-4000E		95	5.1				2.0						7

98

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number		Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
WLL200	0N	26	50E	1	27			07			7			20	<2
	30		50E	1	250			18			9			14	<2
	31		00E	5	230			26			8			17	2
	31		50E	16	490			20			47			55	2
	32		50E	1	24			06			3			8	<2
	33		00E	1	23			05			<1			7	2
	33		50E	2	33			10			1			8	<2
	34		00E	2	9			05			<1			5	<2
	34		50E	1	9			05			7			3	2
	35		00E	38	169			15			73			30	9
	35		50E	1	12			04			16			5	<2
	36		00E	17	190			16			128			135	2
	37		00E	46	160			23			131			90	4
WLL200	0N	39	50E	27	169			40			48			54	<2
WLL190	0N	30	00E	3	35			08			7			7	2
WLL177	5N	27	50E	34	35			14			23			36	<2
	28		00E	47	131			19			49			56	2
	29		00E	35	198			22			36			86	4
WLL177	5N	29	50E	26	235			20			34			64	<2
WLL285	0N	17	75E	21	230			16			32			85	<2
WLL235	0N	37	00E	55	200			29			154			96	<2
WLL185	0N	30	00E	34	143			15			48			27	2
L5200N	40		50E	4	13			03			15			9	<2
	41		00E	28	131			17			48			43	<2
	41		50E	19	44			26			11			37	2
	42		00E	21	114			15			13			62	8
	42		50E	71	145			54			1400			91	<2
	43		00E	29	149			23			1700			73	<2
	43		50E	24	161			20			8000			72	52
L5200N	44		00E	57	109			40			600			260	2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L5100N	4050E		2.3	16.5			15			169			66	4
	4100E		1.6	111			14			203			51	2
	4150E		2.0	170	(40mesh)		12			281			47	<2
	4250E		no	sample										
	4300E		3.1	8.6			24			1450			104	<2
	4350E		5.3	190			32			5800			173	<2
L5100N	4400E		8.5	185			30			6500			185	<2
L5500N	2500E		4.0	6.5			26			169			123	3
	2550E		3	4.2			0.8			59			6	2
	2600E		1	3.3			0.7			3			7	2
	2650E		1.7	10.5			16			38			21	<2
	2700E		1.5	21.0			16			30			26	<2
	2750E		2.3	44			13			41			38	5
	2800E		2.2	143			18			61			45	2
	2850E		1.6	7.0			24			54			35	<2
	2900E		1	6			14			6			3	<2
	2950E		3.8	17.0			41			145			89	8
	3000E		1.9	32			16			42			27	<2
	3050E		1.4	5.6			12			49			34	2
	3100E		2	24			10			27			9	3
	3150E		2.5	81			18			79			50	<2
	3200E		2.6	9.8			15			46			52	2
	3250E		1.2	5.5			14			64			40	2
	3300E		1.4	6.9			15			69			45	<2
	3350E		1.8	10.1			16			81			101	<2
	3400E		4.2	195			22			131			127	2
	3450E		3.7	190			26			108			132	<2
	3500E		4.1	190			22			92			131	<2
	3550E		2.5	185			20			54			87	6
L5500N	3600E		8	88			09			27			51	<2

100

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L5500N	3650E		3.8	175			.25			117			122	2
	3700E		5.2	250			.29			83			183	<2
	3750E		4.7	210			.22			91			165	2
	3800E		8.1	197			.32			203			280	3
	3850E		5.1	151			.43			88			133	<2
	3900E		144	260	(40 mesh)		.28			110			166	2
	3950E		6.5	123			.21			66			75	<2
L5500N	4000E		2.2	129			.14			36			55	2
L5400N	2500E		2.7	93			.16			71			42	<2
	2550E		3.7	158			.21			83			46	2
	2600E		3.3	90			.23			56			49	4
	2650E		2.8	118			.16			83			49	2
	2700E		2.1	83	(20 mesh)		.17			36			28	<2
	2750E		3.4	90			.13			83			40	7
	2800E		1	4			.01			6			1	2
	2850E		1	5			.03			5			1	5
	2900E		1.7	120			.16			70			50	<2
	3000E		2.1	150			.17			68			64	<2
	3050E		1	9			.06			9			4	3
	3100E		2.2	65			.17			56			34	2
	3150E		2.5	140			.21			137			68	2
	3200E		3.6	195			.25			162			126	3
	3250E		3.4	160			.22			128			116	2
	3300E		8	49			.12			68			33	<2
	3350E		2.1	140			.19			131			80	2
	3400E		2.1	185			.18			42			100	<2
	3450E		1	17			.11			5			11	<2
	3500E		1.4	164			.28			27			129	<2
	3550E		10	75			.12			43			46	2
L5400N	3600E		3.2	180			.26			105			77	2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Mn ppm	Fe ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L5400N	3650E		26	250			2.7			32			83	2
	3700E		23	330			2.3			50			92	<2
	3750E		35	270			2.8			47			146	<2
	3800E		60	195			2.6			65			178	2
	3850E		49	185	(40 mesh)		2.3			116			211	3
	3900E		43	250			2.6			125			142	<2
	3950E		51	104			1.5			151			116	<2
L5400N	4000E		43	115			2.2			52			110	<2
L4900N	4050E		75	195			2.2			231			80	2
	4100E		84	185			1.9			600			119	<2
	4300E		69	200			1.6			800			56	<2
L4900N	4450E		37	95			2.6			180			174	2
WLBL3000E	2450N		1	8			0.2			11			6	2
	2500N		22	610			1.8			99			158	2
	2600E		1	31			0.8			19			21	<2
	2650N		9	170			0.8			18			41	2
	2750N		18	90			1.6			142			58	2
	2800N		17	92			1.8			144			71	<2
	2850N		18	97			1.6			208			63	3
WLBL3000E	3000N		18	49			1.3			122			42	<2
WLL3000N	2350E		12	47			2.7			36			75	<2
	2400E		42	23			2.3			28			80	2
	2450E		33	23			2.3			43			63	<2
	2500E		31	64			1.4			92			40	<2
	2550E		26	156			2.0			95			87	2
	2600E		93	185			4.1			135			162	2
	2700E		34	56			3.2			18			109	<2
WLL3000N	2750E		21	33			2.1			10			78	3
L2875N	1820E		122	495			3.5			70			219	<2
L2800N	2100E		11	70			1.4			11			47	2

102

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L2800N	2150E		20	270			42			19			143	2
	2200E		2	46			08			5			16	<2
	2300E		19	260			25			37			89	2
	2350E		26	116			16			23			61	<2
	2400E		33	945			21			114			196	2
	2450E		12	40			09			16			29	2
	2500E		2	37			06			9			26	<2
	2550E		5	20			5			27			16	2
	2600E		11	42			11			51			34	<2
	2700E		42	41			12			45			38	4
	2750E		1	16			06			6			12	2
	2800E		26	113			19			104			77	2
	2850E		1	16			04			2			9	2
	2900E		1	28			06			28			14	<2
L2800N	2950E		12	69			13			105			31	<2
3300N	3150E		38	196			19			174			65	5
	3200E		35	173			16			155			58	4
	3250E		146	177			24			800			123	35
	3300E		93	132			24			850			136	28
	3350E		92	168			21			1400			99	25
	3400E		90	226			30			1500			142	15
3300N	3450E		69	68			31			450			116	30
L3400N	3050E		26	84			19			72			42	2
	3100E		66	187			20			72			50	<2
	3150E		44	128			17			122			58	3
	3250E		136	180			18			191			48	28
	3350E		23	31			06			72			29	3
	3400E		147	205			22			600			137	18
L3400N	3450E		155	174			25			900			164	12
L3350N	3050E		23	169			16			144			59	3

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3350N 3100E			41	121			18			133			70	2
L3350N 3150E			39	160			18			272			68	<2
L3000N 2200E			13	126			13			88			36	2
WLL1800N 3000E			16	258			14			69			77	2
3150E			1	11			04			16			23	<2
3200E			35	91			13			40			39	18
3250E			14	68			12			34			42	3
3300E			24	110			12			52			58	24
3350E			22	115			14			36			43	3
3400E			13	30			04			25			13	2
3450E			3	16			06			9			12	<2
3500E			33	288			14			79			62	4
3550E			3	44			07			20			15	<2
3600E			21	57			11			29			33	<2
3650E			1	6			04			<1			10	2
3700E			16	278			13			189			90	<2
WLL1800N 3750E			17	332			19			164			123	3
WLL2400N 3300E			19	350			19			38			74	2
3350E			18	919			14			105			46	3
3400E			7	23			04			38			14	30
WLL2400N 3550E			39	179			16			121			39	2

CERTIFIED BY

104

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L5000N	4050E		1.0	33			18			7			21	2
	4100E		14	51			09			<1			14	<2
	4150E		19	33			14			1			17	2
	4200E		18	33			17			63			28	<2
	4250E		17	39			23			14			37	3
	4300E		18	15			21			18			31	<2
	4650E		22	61			18			22			35	2
L5000N	4700E		20	160			36			4			150	2
L4900N	4150E		24	63			16			20			16	<2
	4200E		11	91			14			28			5	3
	4250E		10	48			15			7			6	4
	4350E		13	60			14			9			44	<2
L4900N	4400E		20	34			07			11			33	<2
L3400N	3200E		39	370			09			5			9	3
L3400N	3300E		17	58			06			3			7	3
WIL3000N	2000E		1	750			13			27			27	<2
	2050E		3	115			12			11			32	2
	2100E		6	80			08			14			23	2
	2150E		5	17			07			<1			4	<2
	2250E		22	60			05			7			10	2
	2300E		2	26			04			7			10	3
	2650E		25	57			10			9			42	4
	2700E		16	11			15			20			49	3
WIL3000N	2950E		5	7			11			16			48	<2
WIL2800N	2250E		7	65			11			2			26	2
WIL2800N	2650E		14	7			06			<1			6	2
WIL2400N	3000E		28	70			16			13			38	<2
	3050E		1	184			15			10			43	3
	3100E		4	14			13			18			23	<2
WIL2400N	3150E		10	9			16			9			68	2

CERTIFIED BY

105

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

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

File No. 0-702

DATE: Sept. 5, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
WLL240	0N	315	0E	5	23			16			5			30	<2	
	320	0E	6	24			17			<1			30	2	
	345	0E	1	145			14			2			52	3	
WLL240	0N	379	0E	2	191			14			18			33	2	
WLL200	0N	300	0E	12	18			10			2			37	2	
	320	0E	1	41			21			4			42	<2	
WLL200	0N	400	0E	4	89			14			9			43	3	
WLL300	0E	195	0N	2	100			13			27			6	<2	
	270	0N	1	7			06			50			13	2	
	290	0N	1	5			05			3			15	2	
WLL300	0E	295	0N	2	4			07			29			6	2	
WLL291	0N	186	0E	1	14			13			11			38	<2	
WLL294	0N	189	5E	1	122			17			11			67	<2	
WLL281	0N	200	0E	167	11			14			<1			16	2	
WLL260	0N	295	0E	2	59			16			3			56	3	

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	U ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4200N	4050E		6	12			0.9			6			16	<2
	4100E		24	65			1.9			65			41	<2
	4150E		46	59			2.0			148			45	<2
	4200E		22	101			1.9			82			57	<2
	4400E		52	225			3.4			156			131	3
	4450E		26	71			2.7			80			66	<2
	4500E		36	90			8.2			200			89	<2
	4550E		66	78			2.6			248			75	3
	4600E		44	117			3.4			323			91	2
	4850E		58	136			4.0			78			109	2
	4900E		36	194			8.0			91			135	<2
	4950E		40	314			4.7			121			138	2
L4200N	5000E		40	327			3.6			127			158	5
L4400N	5000E		44	329			3.4			44			181	12
L3400N	4100E		24	35			0.8			39			25	7
	4150E		30	43			1.3			43			23	11
	4200E		62	131			1.2			38			35	3
	4250E		8	12			0.7			5			12	2
	4300E		8	9			0.4			9			4	<2
	4350E		32	126			1.4			15			19	<2
	4450E		6	28			0.6			8			8	<2
	4500E		18	40			0.8			16			13	2
	4550E		46	128			1.7			37			49	13
L3400N	4600E		34	78			1.0			25			25	18
L3500N	4100E		22	38			1.2			35			15	2
	4150E		10	22			0.8			14			9	3
	4200E		20	67			0.9			29			17	3
	4250E		22	46			1.2			37			26	<2
	4300E		7	14			0.8			9			7	2
L3500N	4350E		25	109			1.3			20			16	2

CERTIFIED BY

107

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-659

DATE: Sept. 3, 1980.

Sample Number		Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3500N	4400E			2.2	43			0.8			38			24	<2
	4450E			1.0	21			0.5			11			12	2
	4500E			6.2	60			0.4			9			31	3
L3500N	4550E			2.4	37			0.8			27			23	2
L4500N	4050E			2.8	128			1.2			80			65	4
	4100E			2.4	133			1.4			97			72	3
	4150E			4.0	228			2.1			143			122	4
	4200E			3.0	142			2.0			57			65	3
	4250E			4.7	161			2.9			83			91	3
	4300E			2.8	138			2.2			52			82	2
	4350E			3.2	101			2.2			72			73	3
	4400E			5.2	276			3.6			44			181	5
	4650E			3.8	386			2.4			36			159	3
	4700E			1.6	267			1.6			24			77	2
	4800E			1.6	406			1.6			1			108	3
	4850E			8	166			1.2			8			35	4
	4900E			5.2	291			3.0			56			230	3
	4950E			5.1	310			2.0			33			65	5
L4500N	5000E			44	163			2.5			44			125	3
L4300N	4050E			2.8	134			2.3			107			94	3
	4100E			2.7	126			3.0			122			75	3
	4150E			1.7	61			1.1			87			38	3
	4200E			3.0	56			1.2			48			29	<2
	4250E			2.8	112			2.2			92			81	3
	4300E			3.0	110			2.4			88			76	3
	4350E			4	8			0.4			97			3	<2
	4400E			2.4	47			0.8			372			47	3
	4500E			1.0	42			1.3			30			24	5
	4550E			2.6	116			3.6			116			71	31
L4300N	4600E			4.7	158			3.6			198			120	3

CERTIFIED BY

108

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4300N	4650E		35	122			39			110			75	<2
	4700E		50	293			33			57			181	4
	4800E		25	270			23			27			106	3
	4850E		39	342			20			197			110	3
	4900E		38	349			28			99			179	3
	4950E		43	373			39			54			161	4
L4300N	5000E		36	441			25			65			187	2
L3300N	4150E		28	93			11			32			29	3
	4200E		20	18			09			4			13	2
	4300E		22	231			14			25			37	<2
	4350E		14	12			14			4			5	2
	4400E		18	19			06			<1			11	<2
	4450E		14	20			08			5			7	3
	4500E		37	44			20			56			50	<2
	4550E		15	14			11			11			2	2
	4600E		14	24			16			7			6	3
	4650E		30	122			17			11			28	3
	4700E		32	105			14			24			21	<2
	4800E		46	57			13			13			15	<2
	4850E		56	85			13			17			21	3
	4900E		30	43			18			34			19	2
L3300N	4950E		18	7			14			1			5	2
L3600N	4100E		50	114			19			51			71	<2
	4150E		33	45			14			41			18	2
	4200E		31	71			12			46			28	3
	4250E		36	48			13			46			19	2
	4300E		27	16			13			29			2	4
	4350E		22	12			14			7			3	<2
	4400E		20	9			14			7			2	<2
L3600N	4450E		46	115			19			90			77	<2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm	
L3600N	4500E		35	68			38			70			40	2	
	4550E		11	19			13			9			15	<2	
	4600E		5	18			06			<1			8	2	
	4650E		32	61			15			96			46	6	
	4700E		37	48			12			113			25	5	
	4750E		28	59			10			16			43	<2	
L3600N	4800E		33	93			09			122			53	2	
L3200N	4150E		32	102			14			77			89	<2	
	4250E		24	72			08			36			38	2	
	4300E		17	66			12			10			16	3	
	4400E		43	147			19			59			50	2	
	4450E		6	18			09			6			8	<2	
	4500E		9	27			07			5			10	<2	
	4550E		14	41			14			20			16	<2	
	4600E		7	45			13			4			20	2	
	4700E		5	7			06			9			8	2	
	4750E		30	28			16			42			24	<2	
	4800E		32	136			10			39			39	2	
	4850E		3	8			05			7			6	35	
	4900E		19	79			12			<1			14	3	
	4950E		19	34			10			27			21	7	
L3200N	5000E		42	100			23			157			93	4	
L3700N	4050E		27	39			12			37			27	13	
	4100E		10	25			07			18			16	16	
	4150E		3	10			06			7			8	4	
	4200E		8	18			05			10			12	3	
	4250E		31	43			08			35			26	3	
	4300E		26	45			11			30			22	2	
	4350E		43	116			34			73			82	5	
L3700N	4400E		40	114			13			108			72	2	

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3700N	4450E		1.7	3.8			0.6			6.3			24	3
	4500E		2.6	6.1			1.6			45			41	4
	4550E		2.4	4.9			1.6			59			46	4
	4600E		2.0	3.8			1.2			59			29	5
	4650E		1.2	2.8			1.1			4.8			13	6
	4700E		1.0	1.6			0.7			23			5	12
	4750E		2.6	3.3			1.9			54			17	4
	4800E		2.6	4.5			1.5			60			35	5
	4850E		3.6	5.6			1.5			84			38	4
L3700N	4900E		3.8	6.3			1.6			70			53	6
FU-0E-	50N		2.2	6.1			0.8			99			13	2
	100N		2.4	6.8			1.2			95			19	<2
	150N		2.0	3.7			0.8			29			16	4
	200N		2.2	3.1			0.9			34			19	3
	250N		1.6	7.7			3.2			25			27	<2
	300N		1.4	7.5			1.8			33			21	3
	350N		2.4	6.0			0.7			46			33	2
	400N		5	3.1			0.7			24			8	2
	450N		1.8	6.7			1.9			21			27	<2
	500N		8	5.9			1.4			25			12	3
	650N		2.9	12.4			1.3			38			45	2
	700N		1.4	9.6			2.0			38			41	3
	750N		1.0	6.1			2.0			16			29	2
	800N		1.8	13.3			2.4			53			35	2
	850N		2.1	13.7			0.8			32			39	5
	900N		2.0	15.7			1.3			63			52	2
	950N		1.9	6.4			1.7			42			26	2
	1000N		2.8	12.0			2.2			42			25	<2
	1050N		1.6	4.2			1.4			11			33	4
FU-0E-	1100N		1.7	10.8			1.5			23			35	3

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
FU-0E-1150N			1.8	16.5			.24			18			20	3
1200N			2.8	25.5			.26			48			27	6
1250N			2.0	42.0			18			38			29	8
1300N			1.8	13.4			12			9			22	<2
1350N			5	14.6			10			2			50	2
1400N			6	7.8			13			11			25	<2
1450N			2.0	25.4			52			21			56	6
1500N			14	22.8			42			4			73	<2
1550N			8	3.9			46			<1			70	<2
1600N			2	2.2			13			6			17	3
1650N			1.2	38.6			26			16			91	<2
1700N			2	5.3			20			6			34	<2
1750N			4	10.4			45			18			172	<2
1850N			14	10.9			50			18			77	12
1900N			4	3.6			26			4			30	3
1950N			14	31.1			17			34			55	5
FU-0E-2000N			2.0	17.3			22			7			89	4
FU-200E-100N			3.8	14.8			13			155			33	6
150N			4.2	17.6			12			300			34	7
200N			2.0	9.8			16			26			23	4
250N			2	6			10			<1			3	2
300N			1.8	7.6			14			44			23	3
350N			8.6	5.5			30			164			11	12
400N			14	3.9			04			18			11	11
450N			8	3.3			05			4			7	3
500N			1.6	9.5			57			13			42	4
550N			8	8			14			2			7	2
600N			4	6			04			10			4	2
650N			1.2	8.8			08			31			29	<2
FU-200E-700N			4	1.9			26			7			21	<2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE: 0-659

DATE: Sept. 3, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
FU-200	E-750N		14	44			12			22			54	<2
	800N		22	149			20			33			39	2
	850N		8	19			13			<1			9	<2
	900N		8	34			08			12			5	<2
	950N		12	40			06			31			16	<2
	1000N		33	158			18			56			21	2
	1050N		34	224			22			40			30	2
	1100N		30	167			42			45			19	<2
	1150N		30	708			16			54			33	<2
	1200N		8	89			19			15			21	<2
	1250N		14	193			12			22			22	<2
	1300N		6	43			06			3			13	3
	1350N		16	258			15			39			25	<2
	1400N		4	56			16			12			11	2
	1450N		3	86			21			<1			29	<2
	1500N		10	84			16			11			22	<2
	1550N		8	43			10			5			13	<2
	1600N		8	72			08			6			21	4
	1650N		6	118			08			<1			28	<2
	1700N		18	278			22			40			33	2
	1750N		8	41			10			3			21	3
	1800N		18	75			06			1			36	2
	1850N		4	76			14			9			33	<2
	1900N		10	64			06			11			17	4
FU-200	E-1950N		24	182			12			33			30	3
FU-200	0N-50E		3	13			08			3			5	2
	100E		15	66			12			24			14	2
	150E		16	88			19			14			23	4
	200E		6	16			10			2			11	3
FU-200	0N-450E		18	290			30			26			54	6

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-659

DATE: Sept.2, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
FU 2 0 0 N 5 5 0 E			1.8	45.0			17			25			93	4
FU-0N-5 0 E			3.0	7.2			1.0			6.6			19	3
2 5 0 E			4.0	16.2			0.8			14.3			35	<2
3 0 0 E			2.6	14.2			0.8			8.1			1.8	4
3 5 0 E			4.6	18.5			1.6			19.2			45	8
FU-0N-4 0 0 E			4.2	18.1			1.5			4.5			41	5
FU-0 5 0 N-2 0 0 E			3.2	15.3			1.5			20.2			25	<2
FU-2 0 0 E-1 4 5 0 N			1.2	31.1			2.2			1.6			33	2
L 3 2 0 0 N 4 3 5 0 E			2.8	13.3			1.6			2.1			51	3
FU-1 0 0 N-4 0 0 E			7.8	41.8			3.8			33.7			38	<2
1 5 0 N			6	4.6			0.9			<1			1.5	3
2 0 0 N			2	1			1.1			2			5	<2
2 5 0 N			8	5.7			2.0			1			38	4
3 0 0 N			1.0	4.3			5.3			1.3			2.6	2
3 5 0 N			7	4.9			2.3			15.6			2.1	3
4 0 0 N			2	8			0.6			3			8	2
4 5 0 N			6.4	7.3			2.6			8.4 0			41	<2
5 0 0 N			4.0	12.3			1.4			9.2			32	<2
5 5 0 N			4	6			0.6			<1			5	3
6 0 0 N			4	6			0.4			7			3	2
6 5 0 N			5	1.0			1.0			<1			1.1	2
7 0 0 N			2.5	16.1			2.2			11.5			38	<2
7 5 0 N			1.2	4.7			3.0			1.1			39	<2
8 0 0 N			3.0	19.4			2.8			6.8			31	5
8 5 0 N			3.6	18.9			4.4			7.7			39	3
9 0 0 N			3.6	20.1			3.6			5.6			51	<2
9 5 0 N			1.8	28.8			1.6			3.5			18	2
1 0 0 0 N			2	1.0			0.8			4			8	3
1 0 5 0 N			3	5			1.0			<1			2	<2
FU-1 1 0 0 N-4 0 0 E			1.6	30.5			1.2			3.1			33	2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No.: 0-659

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
FU-115	0N-400E		6	30			09			3			8	2
120	0N		21	86			08			40			19	4
125	0N		14	44			1%			<1			13	4
130	0N		2	17			12			2			3	<2
135	0N		14	44			2%			11			23	3
140	0N		2	28			14			9			12	<2
145	0N		16	92			12			27			33	<2
150	0N		26	335			24			40			40	2
155	0N		22	335			20			41			28	3
160	0N		14	180			14			16			48	<2
165	0N		15	255			18			14			71	2
170	0N		4	34			2%			<1			34	2
175	0N		17	285			17			29			45	<2
180	0N		12	126			10			19			29	2
185	0N		5	62			10			5			9	<2
190	0N		10	154			16			25			23	3
195	0N		20	320			16			60			42	<2
FU-200	0N-400E		20	270			21			41			54	2
FU-600	E-000N		4	58			12			36			10	2
	050N		2	18			06			10			2	<2
	100N		46	176			22			435			30	2
	150N		22	102			21			158			18	3
	200E		4	12			12			6			2	4
	250N		12	38			06			27			8	<2
	300N		2	12			10			<1			4	2
	350N		9	42			09			21			14	<2
	400N		54	500			38			3900			165	3
	450N		12	44			12			25			16	<2
	500N		22	58			16			9			17	2
FU-600	E550N		37	65			22			45			13	2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE: 0-659

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
FU-600E	-600N		43	108			1.5			690			20	<2
	650N		25	32			1.0			24			12	2
	700N		48	85			0.8			296			28	3
	750N		66	104			1.3			358			28	2
	800N		2	8			0.6			1			6	<2
	850N		225	300			1.0			52			18	<2
	900N		2	10			0.5			3			2	<2
	950N		2	8			0.7			9			3	2
FU-600E	-1000N		40	245			3.6			136			33	3
FU600E	-1050N		2	14			0.6			4			4	2
	1100N		4	52			1.6			5			12	2
	1150N		26	250			1.6			85			32	4
	1200N		2	19			0.5			<1			7	3
	1250		4	11			0.7			5			4	2
	1300N		12	80			1.8			20			14	<2
	1350N		5	34			1.2			4			8	2
	1400N		28	310			1.8			59			30	5
	1450N		375	360			2.7			75			65	2
	1500N		420	150			2.7			8			24	3
	1550N		4	23			0.8			<1			4	<2
	1600N		20	128			2.0			14			27	<2
	1650N		14	67			2.3			16			12	2
	1700N		13	128			1.2			22			21	3
	1750N		19	142			1.4			6			24	<2
	1800N		12	160			1.3			9			55	<2
	1850N		18	245			1.6			28			32	<2
	1900N		46	660			2.2			94			62	3
FU600E	-1950N		17	260			2.4			24			52	2
FU-2000N	-500E		20	260			2.2			26			46	2
FU-2000N	-600E		18	141			2.8			25			51	<2

CERTIFIED BY

COMPANY Montgomery Consultants

PROJECT No. 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-659

DATE: Sept. 2, 1980.

6 Sample Number 81 86	10 Mo ppm 86 90	15 Cu ppm 90 95	20 Pb ppm 95 100	25 Zn ppm 100 105	30 Ni ppm 105 110	35 Co ppm 110 115	40 Ag ppm 115 120	45 Fe ppm 120 125	50 Hg ppb 125 130	55 As ppm 130 135	60 Mn ppm 135 140	65 Au ppb 140 145	70 Cu ppm 145 150	75 Sn ppm 150 155	80 155 160
FU-0E-600N			6	12			10			<1			9	2	

117

CERTIFIED BY

COMPA: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

File No. 0-659

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Ag ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L3000N	2900E		44	59			14			12			27	3
L3200N	4200E		21	59			11			14			27	<2
L3200N	4650E		18	67			09			<1			22	2
L3300N	4250E		17	75			11			5			21	<2
	4750E		14	43			10			24			29	4
L3300N	5000E		12	29			17			23			43	3
L3400N	4050E		19	57			08			1			19	<2
	4400E		15	41			09			33			26	<2
L3400N	4650N		21	51			05			13			24	<2
L3500N	4050E		38	50			15			3			37	2
L3600N	4050E		29	44			11			9			13	6
L3700N	4950E		4	12			02			1			10	<2
L3800N	4450E		7	16			04			<1			11	2
L4200N	4250E		4	13			01			29			20	2
	4300E		2	5			01			7			9	<2
	4350E		25	20			05			6			29	3
	4700E		25	25			21			1			49	2
	4750E		26	50			24			<1			110	2
L4200N	4800E		36	35			22			2			30	<2
L4250N	4650E		32	56			18			25			45	3
L4300N	4450E		6	16			02			12			24	3
L4400N	3500E		6	12			02			<1			17	2
	4850E		22	31			11			5			13	<2
	4900E		26	43			13			<1			27	<2
L4400N	4950E		2	11			03			9			16	<2
L4500N	4450E		3	8			01			6			14	2
	4500E		10	140			03			9			39	<2
	4550E		11	71			17			5			97	3
	4600E		14	70			12			3			69	<2
L4500N	4750E		32	23			21			1			30	2

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: 80SS1

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

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

FILE No. 0-659

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Cu ppm	Sn ppm
L4600N	2600E		1.6	26			10			5			17	<2
	3100E		2.0	29			13			1			13	<2
L4600N	4000E		2.3	11			21			6			143	2
L5000N	4000E		2.5	122			18			3			25	3
L5100N	3400E		2.5	74			22			3			29	<2

CERTIFIED BY

APPENDIX V

VEIN ASSAY RESULTS

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Montgomery Consultants,
605-850 W. Hastings St.,
Vancouver, B.C.

PROJECT No. 80SS1
DATE Sept.30/80.
File No. 0-702

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton
301	.524	.02	.02	1.14
302	.015	.01	.01	.04
303	.035	.01	.01	.12
304	.017	.02	.01	.04
305	.374	.04	.02	2.94
306	.032	.23	.16	.36
307	.026	.28	.02	1.61
308	.012	.39	.03	.49
309	.026	5.38	.04	6.72
310	.031	.94	.48	2.13
311	.023	.46	.18	.81
312	.031	1.21	1.14	1.75
313	.150	3.01	.94	2.78
314	.056	.07	.03	.31
315	.180	.02	.01	.58
316	.006	.01	.01	.01
317	.008	.01	.01	.03
318	.020	.02	.03	.06
319	.002	.01	.01	.07
320	1.660	.09	.05	6.72
321	.059	.07	.01	.60
322	.199	.54	.49	2.25

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Montgomery Consultants, PROJECT No. 80SS1

605-850 W. Hastings St., DATE Sept.30/80.

Vancouver, B.C. File No. 0-702

SAMPLE No.	As %	Sn %		
301	4.90	<.01		
302	.12	.02		
303	.10	.05		
304	.02	.01		
305	.34	.01		
306	.03	.03		
307	.01	.79		
308	2.30	.06		
309	.08	.22		
310	.14	1.74		
311	.01	.03		
312	.01	.18		
313	.01	.84		
314	.01	.02		
315	.38	<.01		
316	.01	<.01		
317	.02	<.01		
318	.02	<.01		
319	8.55	<.01		
320	7.10	<.01		
321	.18	.05		
322	.02	1.24		

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Montgomery Consultants, PROJECT No. 80SS1

605-850 W. Hastings St., DATE Sept.30/80.

Vancouver B.C. File No. 0-702

SAMPLE No.	As %	Sn %	Fe %	
323	.04	.98		
324	.03	.77		
325	.01	.08		
326	.02	.51		
327	2.15	.01		
328	.03	<.01		
329	.01	<.01	58.00	
327Dup.	7.50	<.01		

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Montgomery Consultants, PROJECT No. 80SS1

605-850 W.Hastings St., DATE Sept.30/80.

Vancouver, B.C. File No. 0-702

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton
323	.144	2.90	3.60	2.30
324	.080	.95	.56	1.26
325	.019	.16	.15	.21
326	.101	1.85	1.08	2.98
327	.042	.01	.01	.07
328	.007	.01	.02	.01
329	.003	.01	.01	.05
327Dup.	.097	.01	.01	.23

MIN-EN Laboratories Ltd.

CERTIFIED BY

5000 E 4900 E 4800 E 4700 E 4600 E 4500 E 4400 E 4300 E 4200 E 4100 E 4000 E BL 3900 E 3800 E 3700 E 3600 E 3500 E 3400 E 3300 E 3200 E 3100 E 3000 E 2900 E 2800 E 2700 E 2600 E 2500 E 2400 E 2300 E

2700 N 2800 N 2900 N 3000 N 3100 N 3200 N 3300 N 3400 N 3500 N 3600 N 3700 N 3800 N 3900 N 4000 N 4100 N 4200 N 4300 N 4400 N 4500 N 4600 N 4700 N 4800 N 4900 N 5000 N 5100 N 5200 N 5300 N 5400 N 5500 N

ASSAY VALUES

sample	Ag oz/ton	Pb%	Zn%	Cu%	As%	Sn%	WIDTH
316	.01	.01	.01	.006	.01	.01	03m.
317	.03	.01	.01	.008	.02	.01	GRAB
318	.06	.02	.03	.020	.02	.01	05m.
323	2.30	2.90	3.60	144	.04	98	3.0m.
329	.05	.01	.01	.097	.01	.01	2m.

QUARTZ VEIN 310 / 55S — UP TO 10 CM. WIDE CUT BY FRACTURE VEIN NETWORK PICTURE

MOSTLY CHERT 325 / 80S

QUARTZ VEINLETS UP TO 5 CM. WIDE ALONG FRACTURE

QUARTZ VEIN 3 CM. WIDE 30 / 90 Py

TALUS

TALUS 295 / 85S

Location of "Detailed Geology fig. 5

IRON STAIN GOSSAN

RY 7 8 RY RY 5 6

VEIN N° 2

295 / 65S

BANDED BLACK SHALE & CHERT

299 / 88W

Py & Pyrh

BEDDED SLATES & CHERT

314 / 65

315 / 80S

392 DIP FROM 80N TO 70S

TALUS & SOLID OUTCROP

APPROX. HORNSFELD ALTERATION ZONE

LAKE

IRON GOSSAN

QUARTZ VEINS UP TO 3 CM. WIDE Py & Pyrh SAMPLE 318

300 / 78N 290 / 84N

RY 3 4 5 RY

VEIN N° 1 SAMPLE 323

300 / 85S 305 / 70S

THICK BUSH

315 / 83S

FR. 200

2 SMALL FAULTS 315 & 335

BOULDER VEIN MATERIAL

305 / 85N 295 / 70N 295 / 85N

RY-1

RED SOIL UNDER BLACK SAMPLE 317

312 / 85N

RY 10

CHERT 30 / 84S

GULLY

BLACK SHALE

THICK BUSH NO OUTCROP

310 / 80S Py & Pyrh

310 / 55S

75 / 85S

315 / 78S

300 / 225

Py & Pyrh 305 / 50S 305 50 / 55W

RY 16 15 RY RY 18 17 RY

310 / 25S 305 / 30S 310 / 75S 304 / 55S

QUARTZ VEINLETS UP TO 2 CM. Py & Pyr RY II

315 / 50N 312 / 12N 35 / 80W 25 / 90

BANDED BLACK SHALE & CHERT 306 / 45N 25 / 73W

TALUS

BUSH

CHERT RY RY 59 RY 62 61 RY

GREY CHERT WEATHERED WHITE

GREY CHERT

315 / 80S

CAMP

310 / 64S

315 / 78S X

CACHE OF AV. GAS

SWAMP

304 / 80S

Py & Pyrh ALONG & ACROSS BEDDING

312 / 68S

HEAVY BUSH

NO OUTCROP

STUNTED FIR

WILLOW

RY 18 17 RY RY 20 19

300 / 70S FALLS

SIDE HILL NO OUTCROP

RY 1 2 RY 36 35 RY

LAKE

308 / 71S FALLS

315 / 74S

305 / 78S 308 / 78S

315 / 75S POND

306 / 60S 302 / 75S

Py Pyrh

TRAIL

317 / 36S

BLACK SHALES & CHERTS

TALUS TALUS

HEAVY BUSH

QUARTZ VEINS UP TO 2 CM. WIDE 44 / 90

GRANODIORITE

QUARTZ VEIN UP TO 20 CM. WIDE NO MINERALIZATION 360 / 90

MAGNETITE VEIN II TO BEDDING 314 / 71S

54 / 86E

CHERT & BLACK SHALE

308 / 32S 320 / 84S

SAMPLE 329 ACROSS 20 cm. POSS. TOURMALINE VEINLETS ACROSS MAGNETITE

QUARTZ & GRANODIORITE VEINS 56 / 80S

UP TO 1 METRE WIDE II TO BEDDING SOME IRON STAIN BUT NO VISIBLE SULPHIDES.

312 / 58S 50 / 90 322 / 85S

FALLS 315 / 57S

RY 38 37 RY RY 40 39

IRON GOSSAN

CANYON

TALUS 10 / 79E

FRACTURES 20 / 90

QUARTZ VEIN 354 / 39W 3 CM. WIDE SAMPLE 316

303 / 54S

QUARTZ VEINS UP TO 3 CM. WIDE 12 / 60E

HEAVY BUSH

BLACK SHALE

BLACK SHALE 100 / 42S 324 / 24E

BLACK SHALE 51 / 70W 312 / 21N 314 / 63N 28 / 82E

IRON-STAINED ALONG BEDDING

THICK BUSH

N 33° 50E N

SCALE 1:5000

0 50 100 150 200 250 300M

GEOLOGY MAP

RY GROUP figure 4

SILVER SCEPTRE MINES LTD.

TO ACCOMPANY REPORT BY: G.H. GIROUX P.Eng.
J.H. MONTGOMERY P.Eng.

MONTGOMERY CONSULTANTS LTD. NOV. 1980

3850E | 3800E | 3750E | 3700E | 3650E | 3600E

3200N

3250N

3300N

3350N

3400N

SLIGHTLY FRESHER VEIN MATERIAL, PYRRHOTITE & CHALCOPYRITE VISIBLE

OVERBURDEN

HEAVILY OXIDIZED NO PRIMARY SULFATE VISIBLE.

BANDED CHERT

#315 3M

RUBBLE

#314 2.5M

#301 1.6M

MASSIVE SULPHIDES IN QUARTZ GANGUE " PYRRHOTITE & CHALCOPYRITE" OXIDIZED ON HANG & FOOTWALL.

#304 7M | #303 1.7M | #302 9M

VUGGY QUARTZ CRYSTALS, MINUTE GREY CRYSTALS WITH QUARTZ

#304 7M | #303 1.7M | #302 9M

MINERALIZED CHERT.

OXIDIZED MATERIAL, FEW PRIMARY SULPHIDES VISIBLE, QUARTZ GANGUE.

MINERALIZED BANDED CHERT, DISSEMINATED PYRRHOTITE & CHALCOPYRITE.

BANDED CHERT

OVERBURDEN

COUNTRY ROCKS & BANDED CHERT

#305 2.4M

VEIN MATERIAL AS IN 320 BUT MORE OXIDIZED QUARTZ ON HANGING & FOOTWALLS WITH MASSIVE SULPHIDES BETWEEN.

#320 8M

HEAVILY OXIDIZED ON HANGING & FOOTWALLS, CENTRE OF VEIN COMPRISED OF QUARTZ WITH MASSIVE PYRRHOTITE, ARSENOPYRITE, CHALCOPYRITE & PYRITE — POSSIBLY SERICITE IN QUARTZ.

down southwest slope of ridge

VEIN #2

overburden across top of ridge

DIRT SLIDE

CREEK

#307 1.3M | #306 7M

BANDED CHERTS WITH PYRITE & PYRRHOTITE.

VEIN MATERIAL CONSISTS OF QUARTZ, PYRITE, ARSENOPYRITE, PYRRHOTITE & CHALCOPYRITE; AS WE GET HIGHER IN VEIN, GALENA DISAPPEARS & CHALCOPYRITE INCREASES.

COUNTRY ROCK

BANDED CHERTS, BEDS UP TO 8M. THICK.

#308 6M

FEW SULPHIDES VISIBLE COUNTRY ROCK BANDED CHERTS WHITE & BLACK — GREEN MINERAL " CHLORITE ?" WITH PYRRHOTITE IN LEACHED CHERT.

POSSIBLY EXTENSION OF VEIN COVERED BY RUBBLE.

RUBBLE

COUNTRY ROCK GREY CHERT #312 1.2M | #311 7M | 1.2M | 7M

MINERALIZED CHERT HIGHLY OXIDIZED & LEACHED

#310 6M

MINOR QUARTZ MOSTLY MINERALIZED SHALES & CHERT — SULPHIDES MOSTLY OXIDIZED — VISIBLE GALENA

VISIBLE QUARTZ PYRITE, PYRRHOTITE, GALENA POSSIBLY CHALCOPYRITE, SPHALERITE-VEIN MATERIAL MORE OF A BRECCIA AT THIS POINT.

LARGE BOULDER RUBBLE

#309 8M

.8M

RUBBLE, VEIN POSSIBLY WIDER.

2M

COUNTRY ROCK - BANDED CHERT & BLACK SHALE

MASSIVE IRON OXIDE WITH GALENA

BANDED CHERT WITH PYRITE, PYRRHOTITE, CHALCOPYRITE & GALENA VISIBLE. #322 2M

cliff

VEIN #3 40/70S

#321 7M

OXIDIZED IRON BRECCIA; FRAGMENTS OF CHERT UP TO 6 CM.

#325 6M | #326 1.5M

OXIDIZED CHALCOPYRITE, GALENA, PYRITE & PYRRHOTITE VISIBLE #324 4M

VEIN #1

#313 2M

BANDED CHERT

#327 6M

BANDED CHERT WITH QUARTZ VEINLETS - UP TO 3 CM. ACROSS. STRIKE APPROXIMATELY 00N/50E

ASSAY VALUES

sample #	Ag oz/ton	Pb%	Zn%	Cu%	As%	Sn%	WIDTH
301	1.14	.02	.02	.524	4.90	<.01	1.6m.
302	.04	.01	.01	.015	.12	.02	.9m.
303	.12	.01	.01	.035	.10	.05	1.7m.
304	.04	.02	.01	.017	.02	.01	.7m.
305	2.94	.04	.02	.374	.34	.01	2.4m.
306	.36	.23	.16	.032	.03	.03	.7m.
307	1.61	.28	.02	.028	.01	.79	1.3m.
308	.49	.39	.03	.012	2.30	.06	6m.
309	6.72	5.38	.04	.026	.08	.22	8m.
310	2.13	.94	.48	.031	.14	1.74	6m.
311	.81	.46	.18	.023	.01	.03	7m.
312	.175	1.21	1.14	.031	.01	.18	1.2m.
313	2.78	3.01	.94	.150	.01	.84	2m.
314	.31	.07	.03	.056	.01	.02	2.5m.
315	.58	.02	.01	.180	.38	<.01	.3m.
321	.60	.07	.01	.059	.18	.05	7m.
322	2.25	.54	.49	.199	.02	1.24	2m.
324	1.26	.95	.56	.080	.03	.72	4.0m.
325	.21	.16	.15	.019	.01	.08	6m.
326	2.98	1.85	1.08	.101	.02	.51	1.5m.
327	.07	.01	.01	.097	2.15	.01	6.0m.
320	6.72	.09	.05	1.660	7.10	<.01	.8m.

DETAILED GEOLOGY of RY GROUP SILVER SCEPTRE MINES LTD. FIGURE 5

SCALE 1:500

0 10 20 30 40 50 M

N

To accompany report by: G.H. GIROUX P.Eng. & J.H. MONTGOMERY P.Eng.

MONTGOMERY CONSULTANTS LTD. NOV. 1980

PB

FIGURE 6

RY GROUP
SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000

0 50 100 150 200M

VEIN #2

VEIN #1

PB 2

PB1

PB4

PB3

PB6

PB5

N33° 30E MAG N

N T.

ZN

FIGURE 7

RY GROUP

SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000

0 50 100 150 200M

5000E 4900E 4800E 4700E 4600E 4500E 4400E 4300E 4200E 4100E 4000E 3900E 3800E 3700E 3600E 3500E 3400E 3300E 3200E 3100E 3000E 2900E 2800E 2700E 2600E 2500E 2400E 2300E

2900N 3000N 3100N 3200N 3300N 3400N 3500N 3600N 3700N 3800N 3900N 4000N 4100N 4200N 4300N 4400N 4500N 4600N 4700N 4800N 4900N 5000N 5100N 5200N 5300N 5400N 5500N

N33°-30°E
MAG N

N T.

AG

FIGURE 8

RY GROUP

SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000

0 50 100 150 200M

AG 1

AG 2

AG 3

AG 4

AG 5

AG 6

AG 7

VEIN #1

VEIN #2

N23°30'E
N65°W

N

FIGURE 9

RY GROUP
SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000

0 50 100 150 200M

5000E 4900E 4800E 4700E 4600E 4500E 4400E 4300E 4200E 4100E 4000E 3900E 3800E 3700E 3600E 3500E 3400E 3300E 3200E 3100E 3000E 2900E 2800E 2700E 2600E 2500E 2400E 2300E

2900N 3000N 3100N 3200N 3300N 3400N 3500N 3600N 3700N 3800N 3900N 4000N 4100N 4200N 4300N 4400N 4500N 4600N 4700N 4800N 4900N 5000N 5100N 5200N 5300N 5400N 5500N

N31°-30°E
MAG N

N

CU

FIGURE 10

RY GROUP

SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000

0 50 100 150 200M

CU2

VEIN # 2

VEIN # 1

CU 3

CU 1

CU5

CU4

N23°-50E mag N

N T

SN

FIGURE II

RY GROUP
SILVER SCEPTRE MINES LTD.

To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

nov. 1980

1:5000
0 50 100 150 200M

5000E 4900E 4800E 4700E 4600E 4500E 4400E 4300E 4200E 4100E 4000E 3900E 3800E 3700E 3600E 3500E 3400E 3300E 3200E 3100E 3000E 2900E 2800E 2700E 2600E 2500E 2400E 2300E

2900N 3000N 3100N 3200N 3300N 3400N 3500N 3600N 3700N 3800N 3900N 4000N 4100N 4200N 4300N 4400N 4500N 4600N 4700N 4800N 4900N 5000N 5100N 5200N 5300N 5400N 5500N

SN 1
SN 2
SN 3
SN 4
SN 5
SN 6
SN 7
SN 8

VEIN 2
VEIN #1

N33°-30°E MAGN

N T

FIGURE 12

RY GROUP

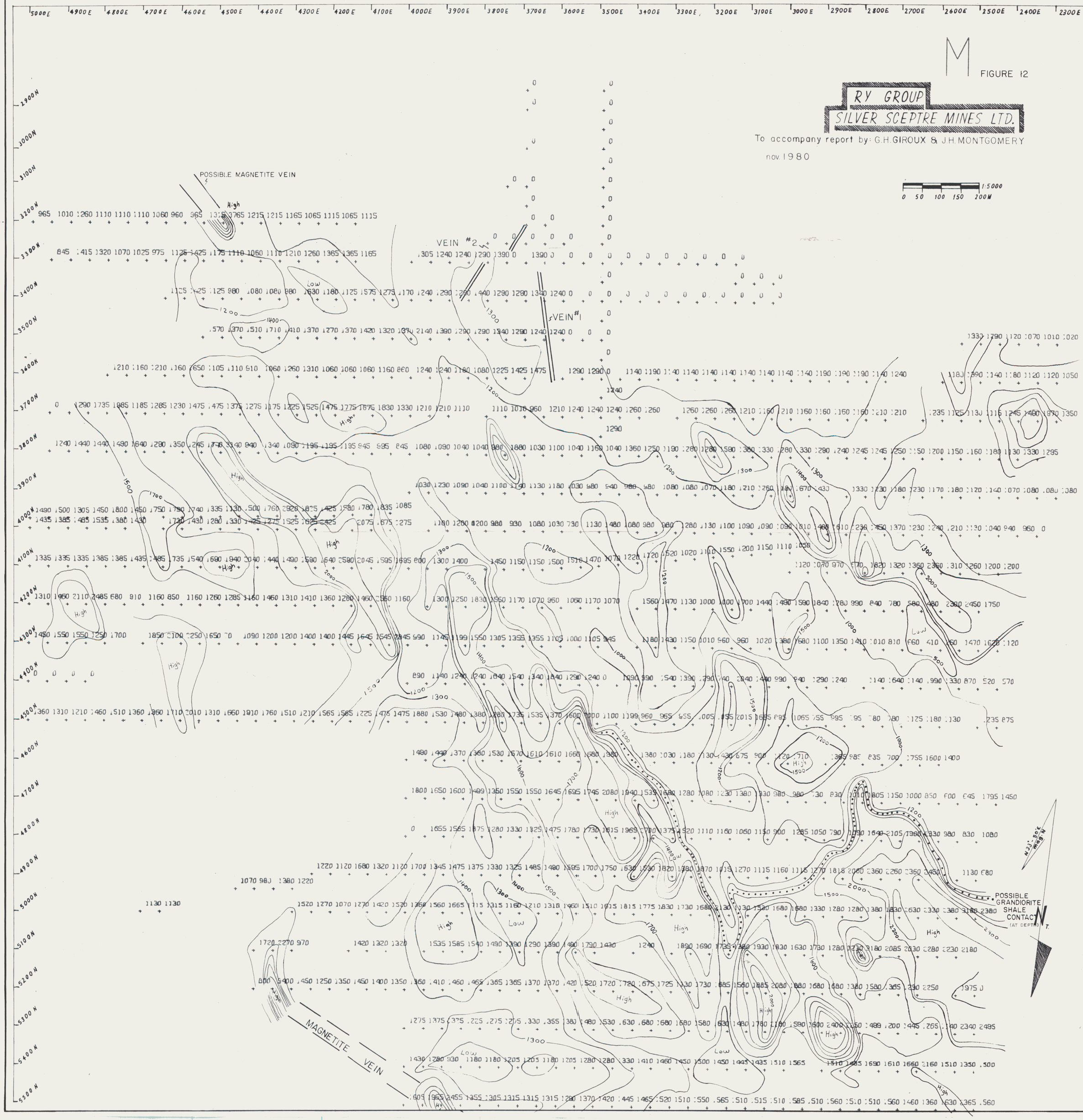
SILVER SCEPTRE MINES LTD.

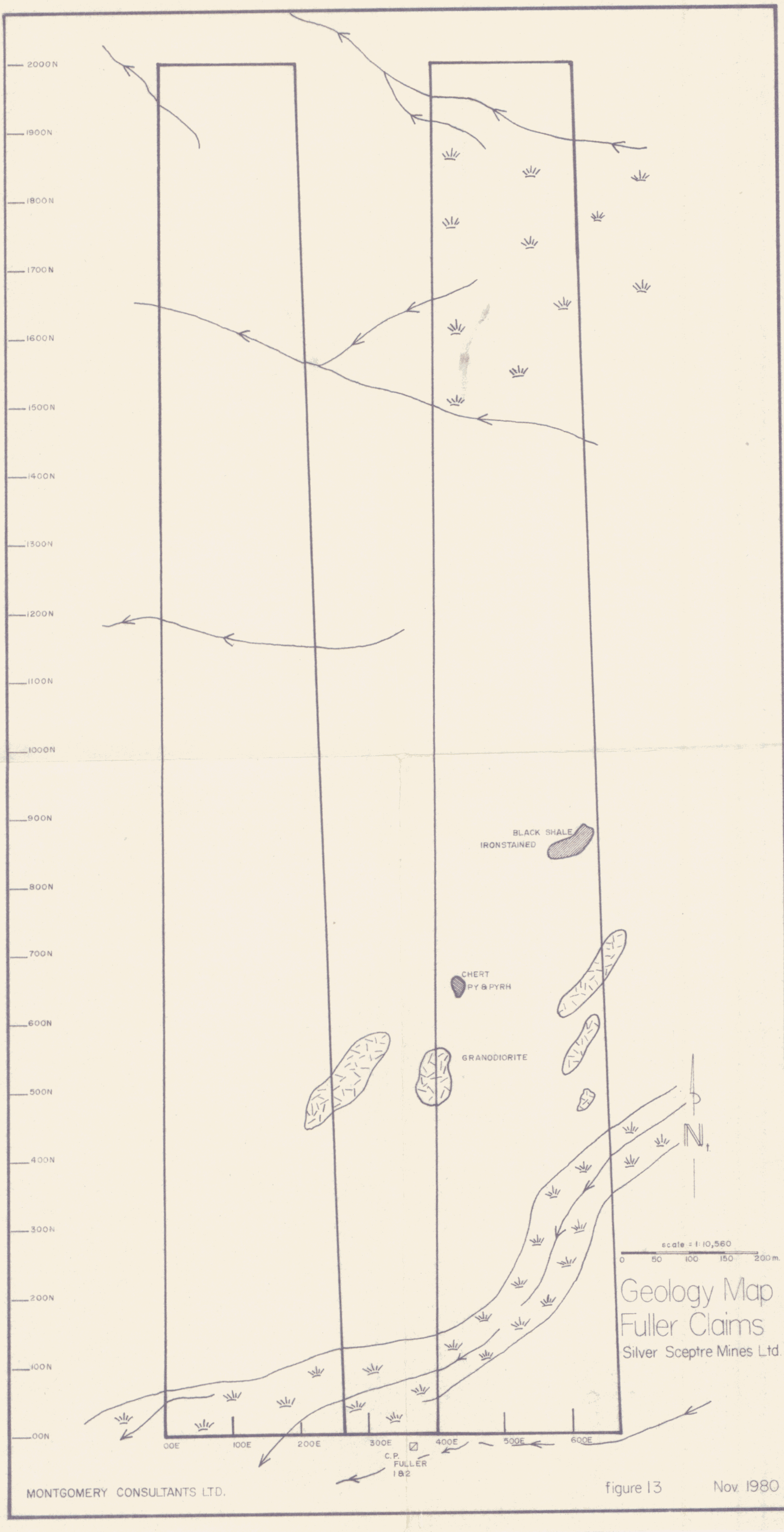
To accompany report by: G.H. GIROUX & J.H. MONTGOMERY

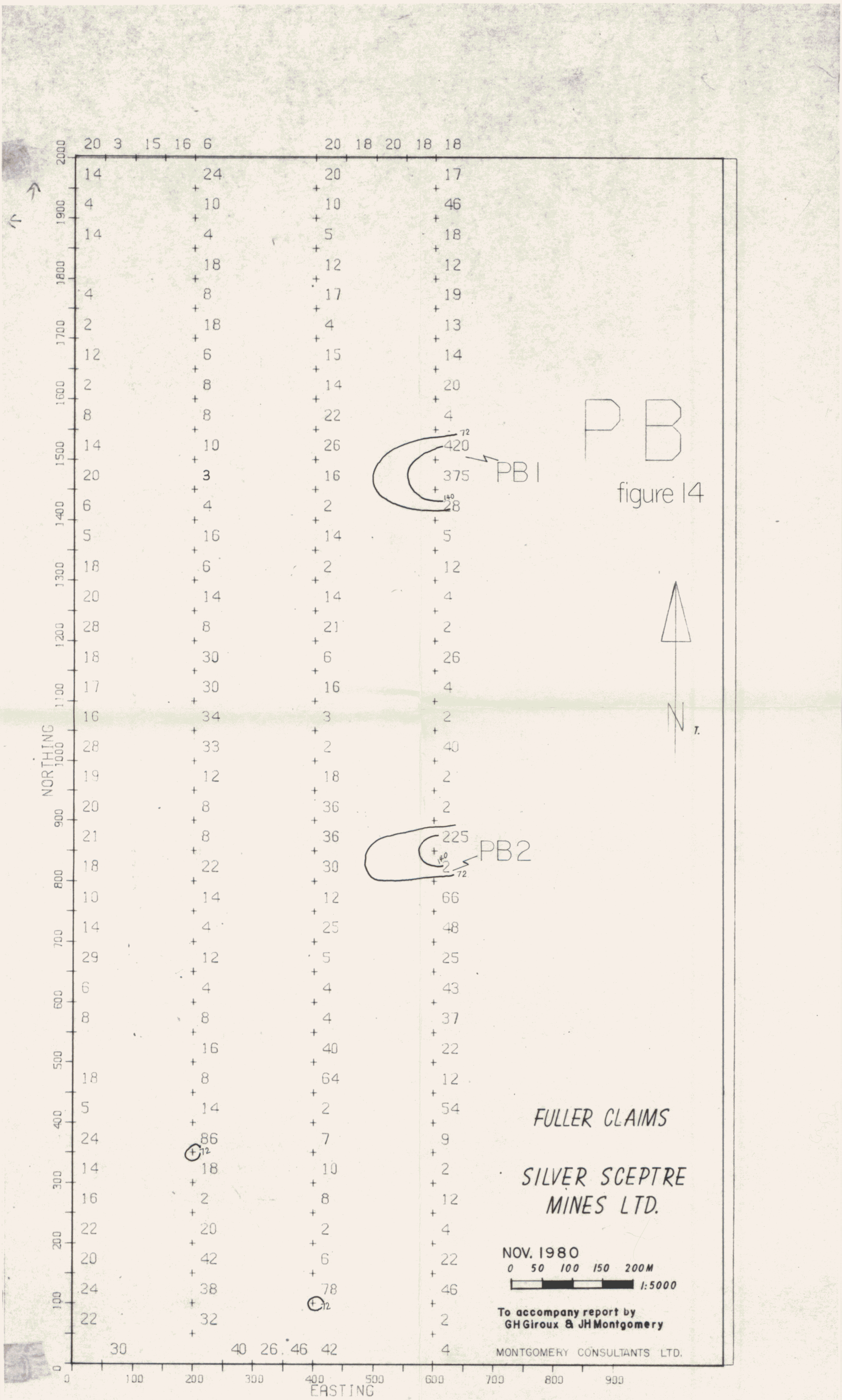
nov. 1980

1:5000

0 50 100 150 200M




2000N
1900N
1800N
1700N
1600N
1500N
1400N
1300N
1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N
00N
00E
100E
200E
300E
400E
500E
600E
BLACK SHALE
IRONSTAINED
CHERT
PY & PYRH
GRANODIORITE
C.P.
FULLER
182
N
scale = 1:10,560
0 50 100 150 200m.
Geology Map
Fuller Claims
Silver Sceptre Mines Ltd.
MONTGOMERY CONSULTANTS LTD.
figure 13
Nov. 1980


20 3 15 16 6
20 18 20 18 18
14 24 20 17
4 10 10 46
14 4 5 18
18 12 12
4 8 17 19
2 18 4 13
12 6 15 14
2 8 14 20
8 8 22 4
14 10 26
20 3 16
6 4 2
5 16 14 5
18 6 2 12
20 14 14 4
28 8 21 2
18 30 6 26
17 30 16 4
16 34 3 2
28 33 2 40
19 12 18 2
20 8 36 2
21 8 36
18 22 30
10 14 12 66
14 4 25 48
29 12 5 25
6 4 4 43
8 8 4 37
16 40 22
18 8 64 12
5 14 2 54
24 86 7 9
14 18 10 2
16 2 8 12
22 20 2 4
20 42 6 22
24 38 78 46
22 32 2
30 40 26 46 42 4
72
420
PB1
140
28
375
72
225
PB2
140
72
PB
figure 14
N
T.
NORTHING
0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
0 100 200 300 400 500 600 700 800 900
EASTING
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by
GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

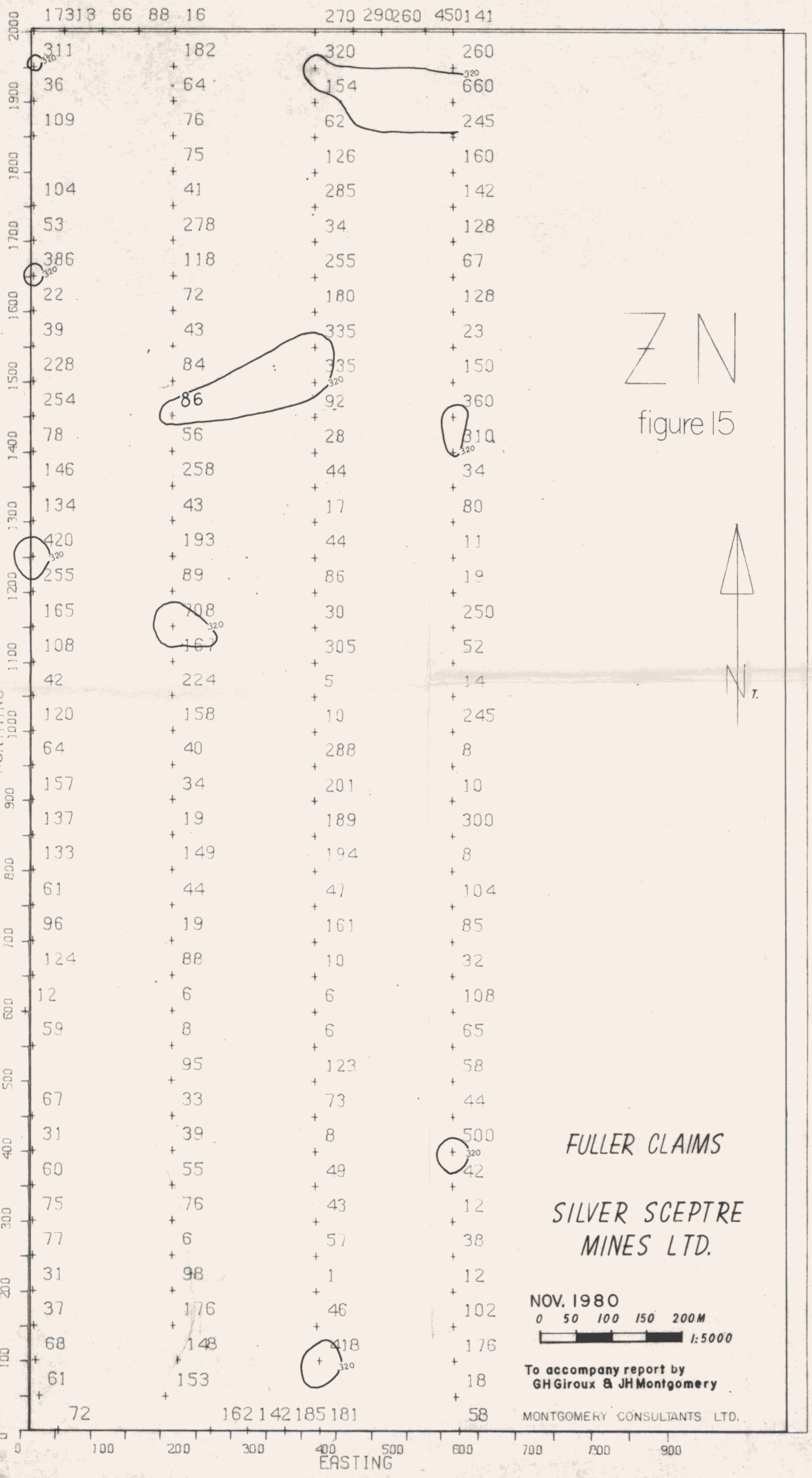

17313 66 88 16 270 290 260 450 141
311 182 320 260
36 64 154 660
109 76 62 245
75 126 160
104 41 285 142
53 278 34 128
386 118 255 67
22 72 180 128
39 43 335 23
228 84 335 150
254 86 92 360
78 56 28 310
146 258 44 34
134 43 17 80
420 193 44 11
255 89 86 19
165 708 30 250
108 167 305 52
42 224 5 14
120 158 10 245
64 40 288 8
157 34 201 10
137 19 189 300
133 149 194 8
61 44 47 104
96 19 161 85
124 88 10 32
12 6 6 108
59 8 6 65
95 123 58
67 33 73 44
31 39 8 500
60 55 49 42
75 76 43 12
77 6 57 38
31 98 1 12
37 176 46 102
68 148 418 176
61 153 18
72 162 142 185 181 58
320
NORTHING
EASTING
0 100 200 300 400 500 600 700 800 900
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
N
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

figure 15

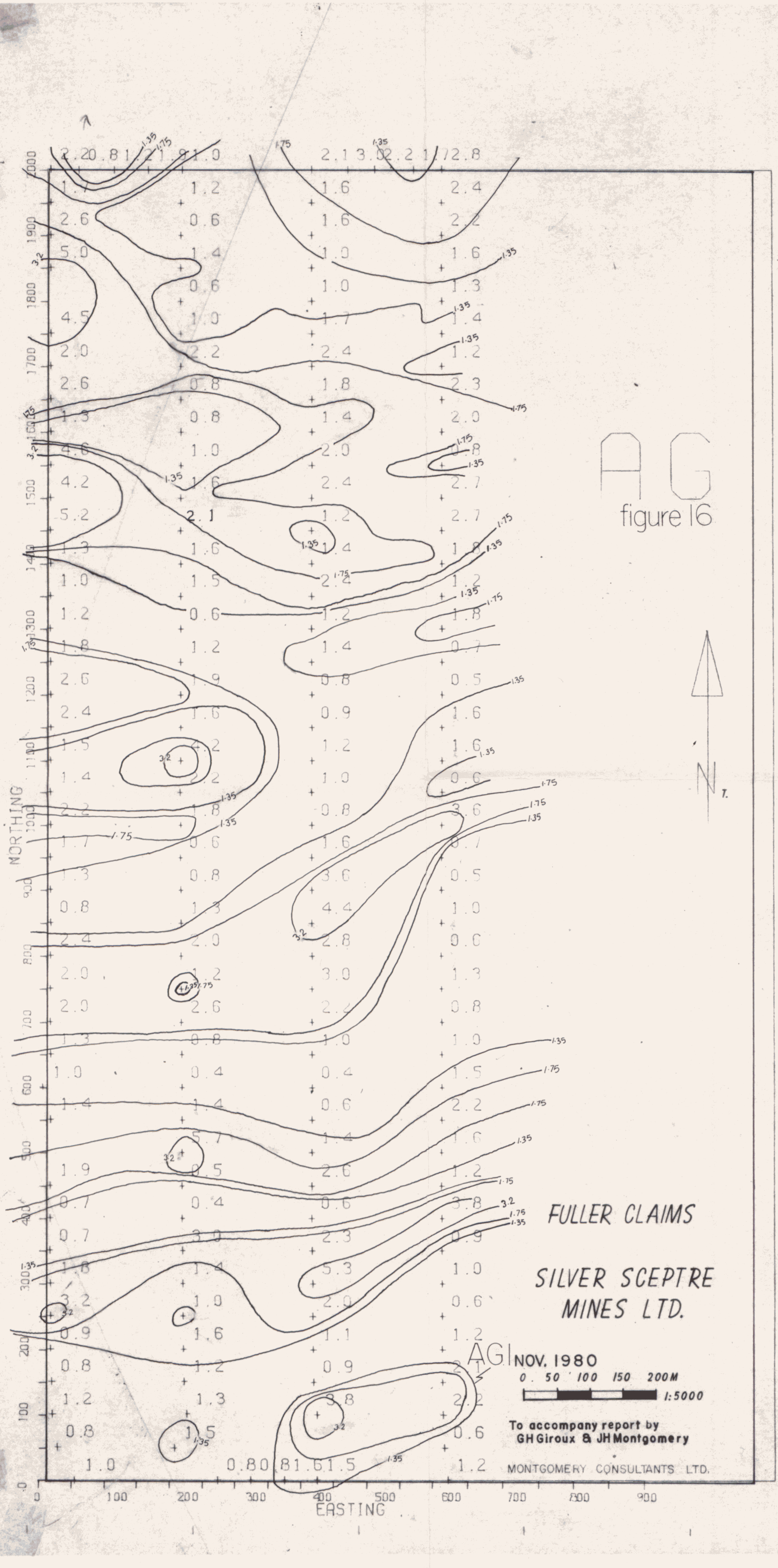
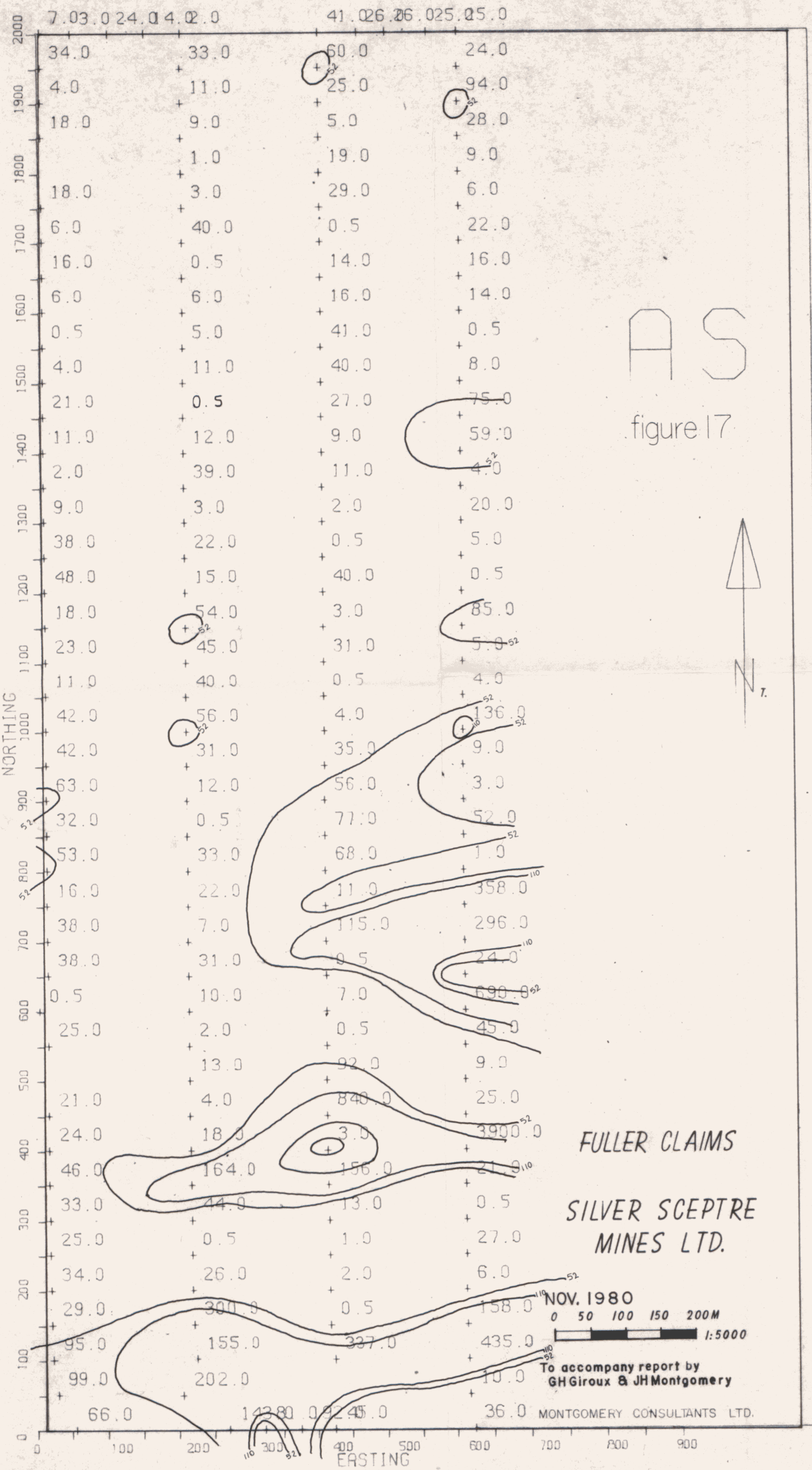

NORTHING
EASTING
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
FULLER CLAIMS
SILVER SCEPTRE
MINES LTD.
AGI
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by
GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

figure 16


NORTHING
EASTING
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.
AS
figure 17

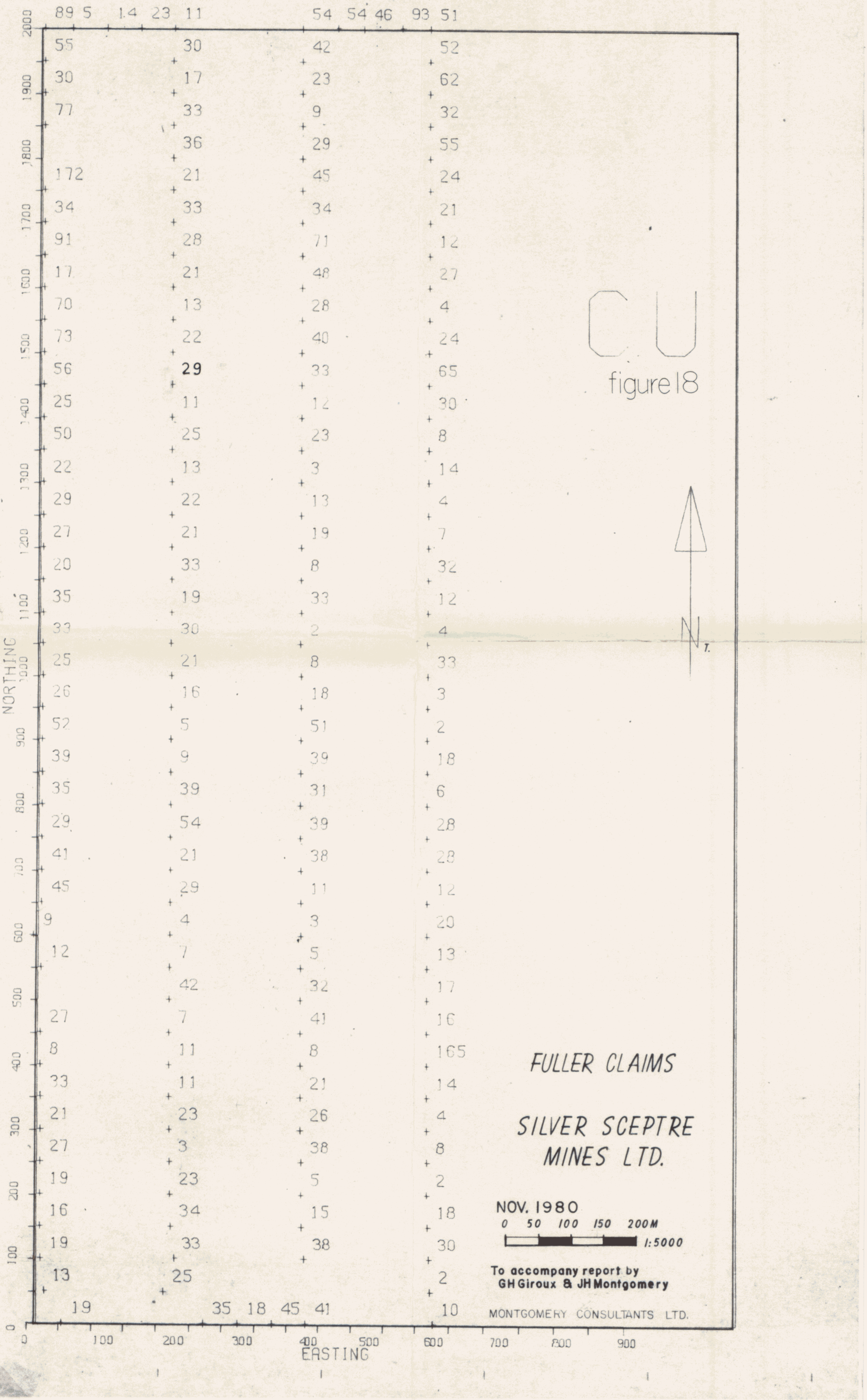

89 5 1.4 23 11 54 54 46 93 51
55 30 42 52
30 17 23 62
77 33 9 32
36 29 55
172 21 45 24
34 33 34 21
91 28 71 12
17 21 48 27
70 13 28 4
73 22 40 24
56 29 33 65
25 11 12 30
50 25 23 8
22 13 3 14
29 22 13 4
27 21 19 7
20 33 8 32
35 19 33 12
33 30 2 4
25 21 8 33
26 16 18 3
52 5 51 2
39 9 39 18
35 39 31 6
29 54 39 28
41 21 38 28
45 29 11 12
9 4 3 20
12 7 5 13
42 32 17
27 7 41 16
8 11 8 165
33 11 21 14
21 23 26 4
27 3 38 8
19 23 5 2
16 34 15 18
19 33 38 30
13 25 2
19 35 18 45 41 10
NORTHING
0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
0 100 200 300 400 500 600 700 800 900
EASTING
T.
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

figure 18

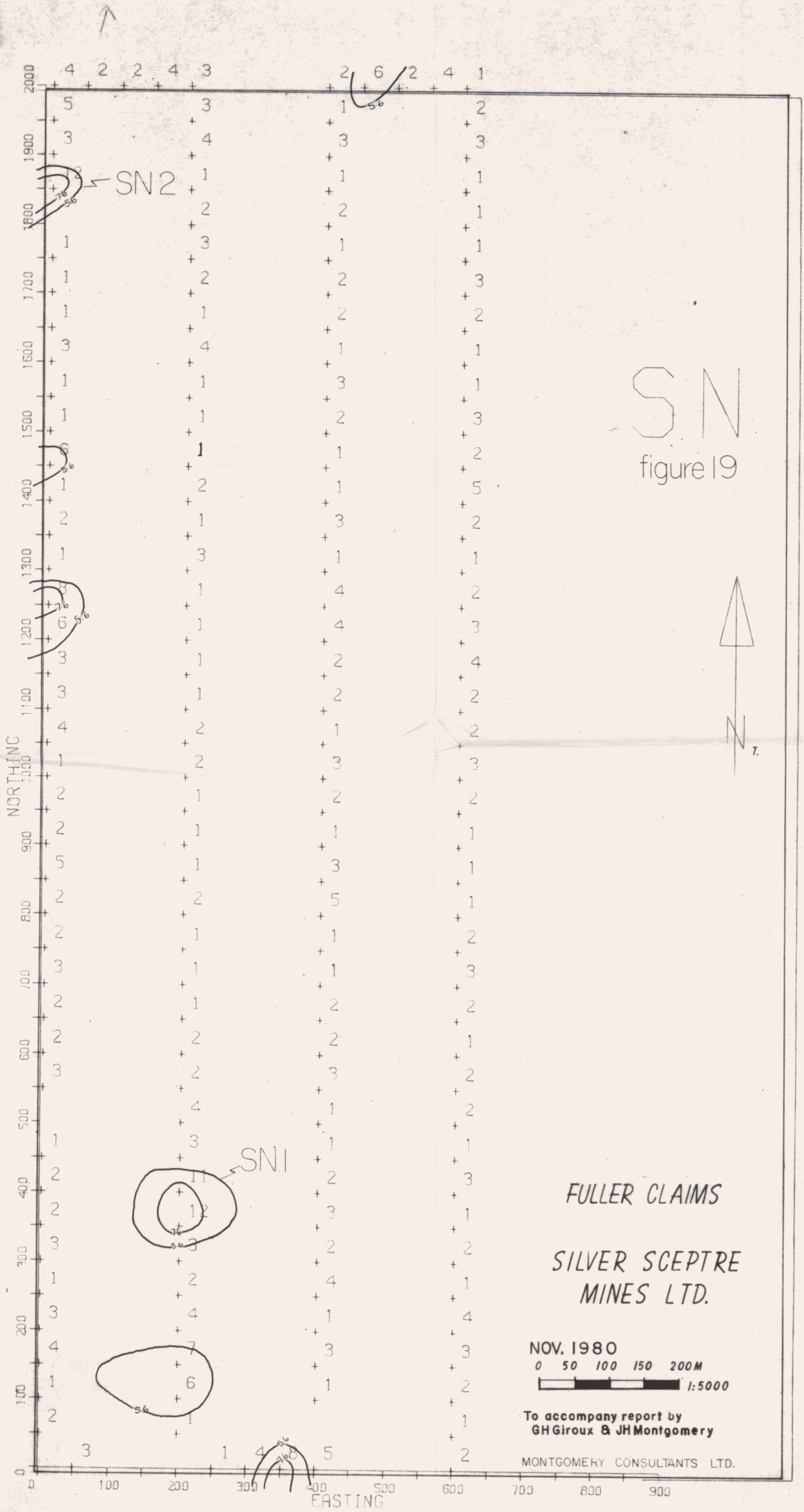

SN2
SN1
SN
NORTHING
EASTING
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
5.6
7.6
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

figure 19

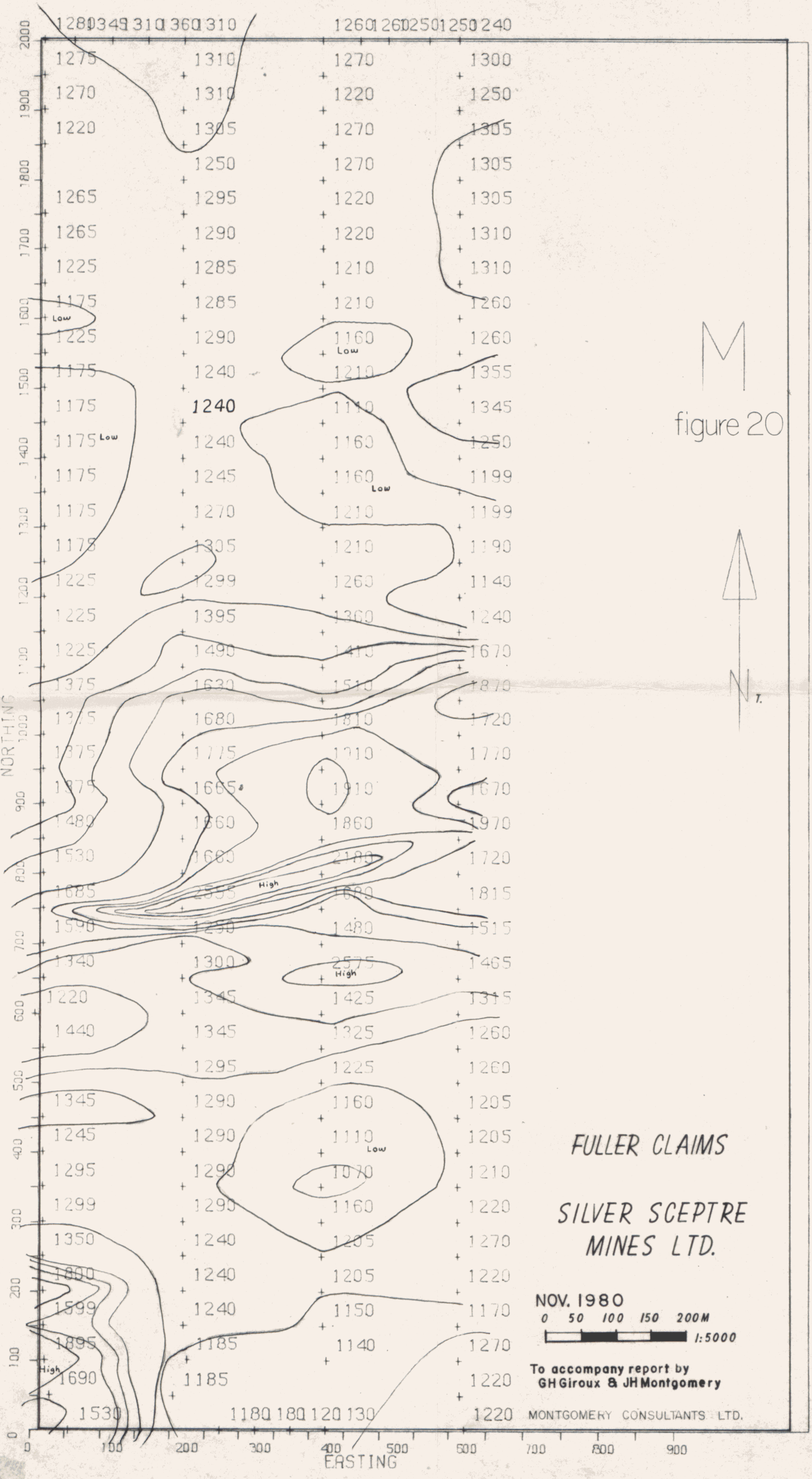
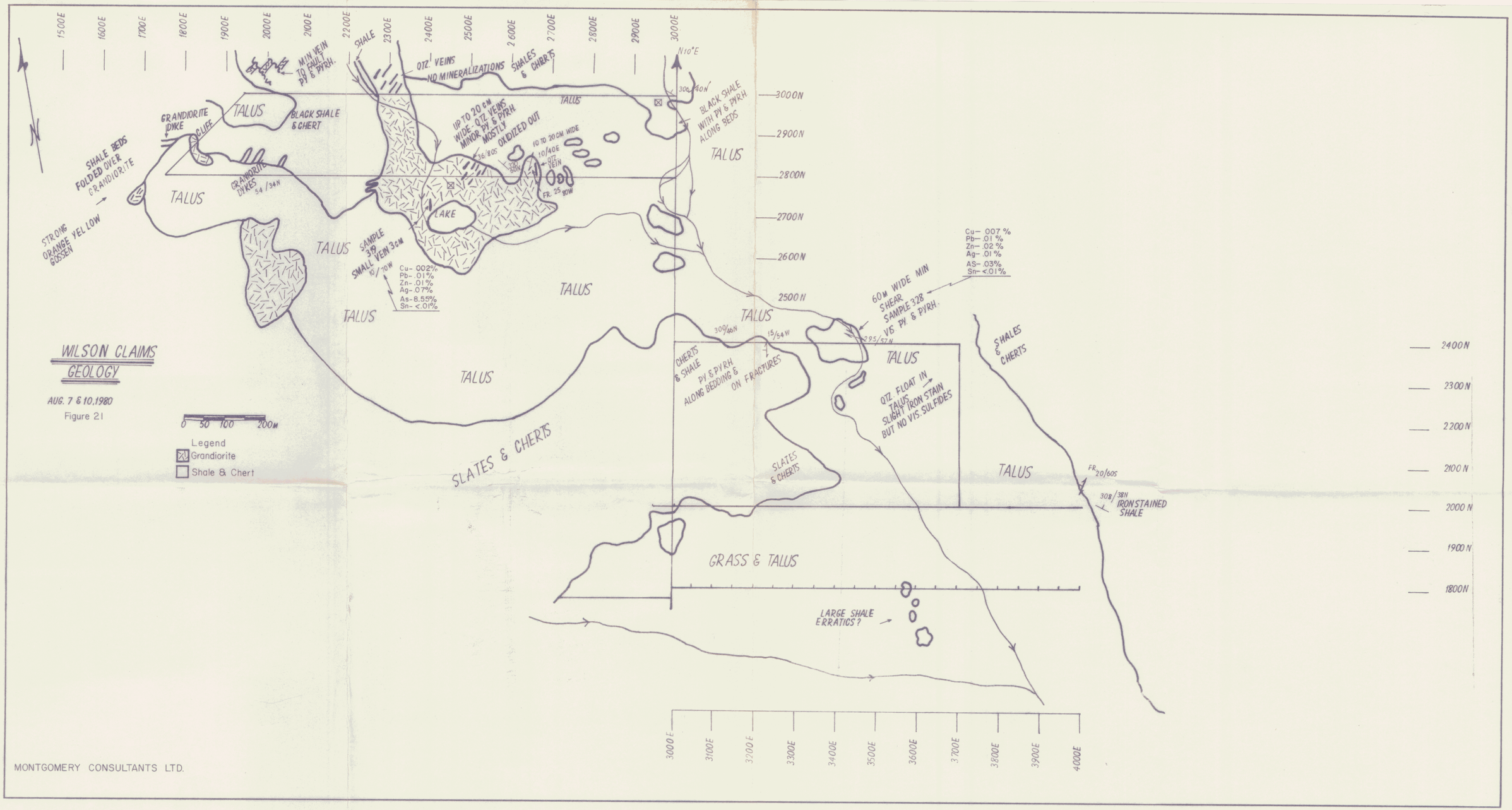

NORTHING
EASTING
Low
Low
Low
Low
High
High
FULLER CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
0 50 100 150 200M
1:5000
To accompany report by GH Giroux & JH Montgomery
MONTGOMERY CONSULTANTS LTD.

figure 20


WILSON CLAIMS
GEOLOGY
AUG. 7 & 10, 1980
Figure 21
0 50 100 200m
Legend
Grandiorite
Shale & Chert
MONTGOMERY CONSULTANTS LTD.
1500E
1600E
1700E
1800E
1900E
2000E
2100E
2200E
2300E
2400E
2500E
2600E
2700E
2800E
2900E
3000E
3100E
3200E
3300E
3400E
3500E
3600E
3700E
3800E
3900E
4000E
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
N10°E
MIN VEIN TO FAULT PY & PYRH.
SHALE
QTZ VEINS NO MINERALIZATIONS
SHALES & CHERTS
GRANDIORITE DYKE
CLIFF
TALUS
BLACK SHALE & CHERT
SHALE BEDS FOLDED OVER GRANDIORITE
STRONG ORANGE YELLOW GOSSEN
GRANDIORITE DYKES 54/34N
UP TO 20 CM WIDE QTZ VEINS MINOR PY & PYRH. MOSTLY OXIDIZED OUT
36/80S
10 TO 20 CM WIDE 10/40E QTZ VEIN
FR. 25/80W
LAKE
SAMPLE 3 P SMALL VEIN 3 CM
10/70W
Cu- .002%
Pb- .01%
Zn- .01%
Ag- .07%
As- 8.55%
Sn- <.01%
30S/40W
BLACK SHALE WITH PY & PYRH ALONG BEDS
Cu- .007 %
Pb- .01 %
Zn- .02 %
Ag- .01 %
AS- .03%
Sn- <.01%
60M WIDE MIN SHEAR SAMPLE 328 VG PY & PYRH.
295/57N
30S/46W
15/54W
CHERTS & SHALE PY & PYRH ALONG BEDDING & ON FRACTURES
QTZ. FLOAT IN TALUS SLIGHT IRON STAIN BUT NO VIS. SULFIDES
SHALES & CHERTS
FR. 20/60S
30S/38W
IRON STAINED SHALE
SLATES & CHERTS
GRASS & TALUS
LARGE SHALE ERRATICS?

WILSON CLAIMS

SILVER SCEPTRE MINES LTD.

FIGURE 22

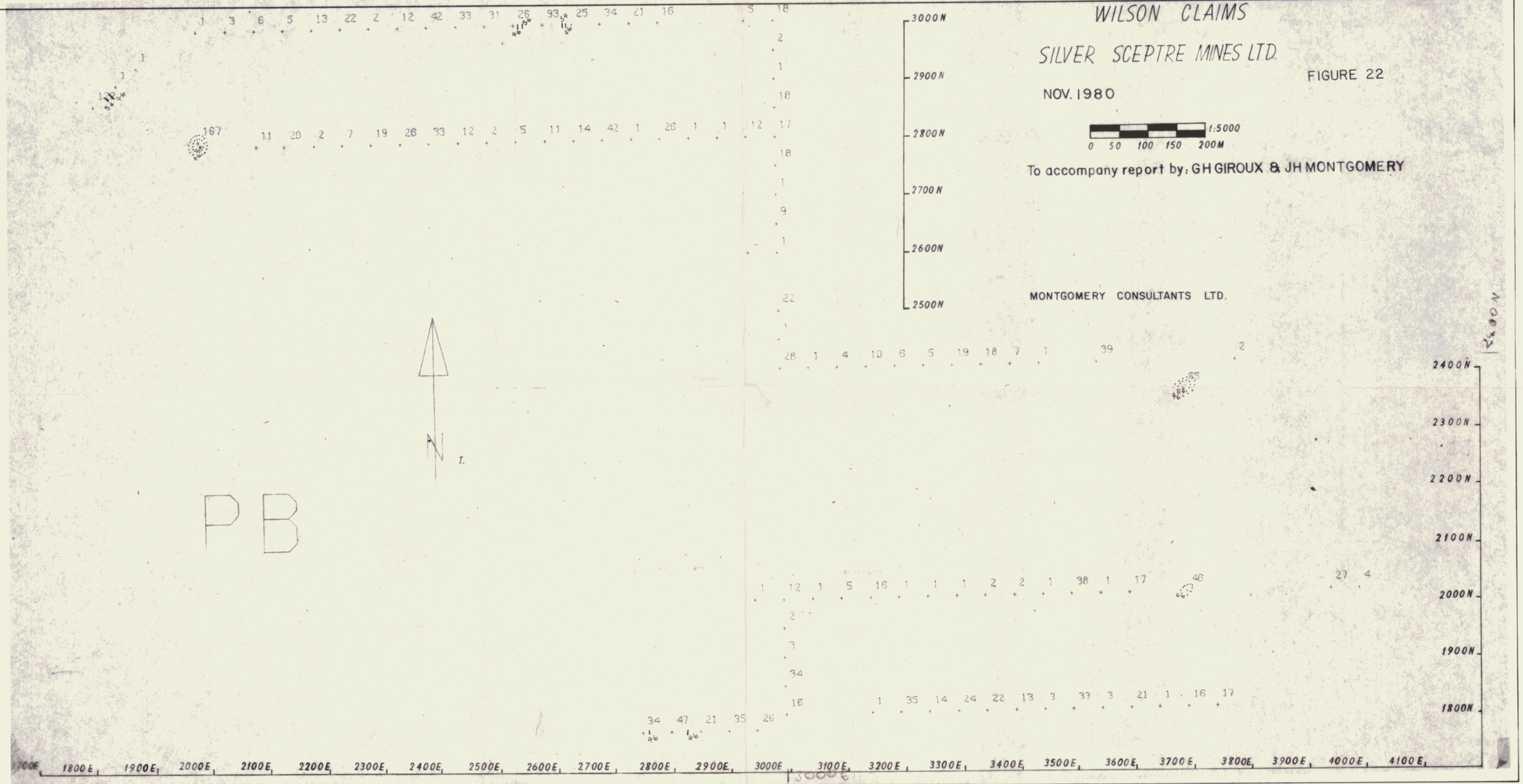
NOV. 1980

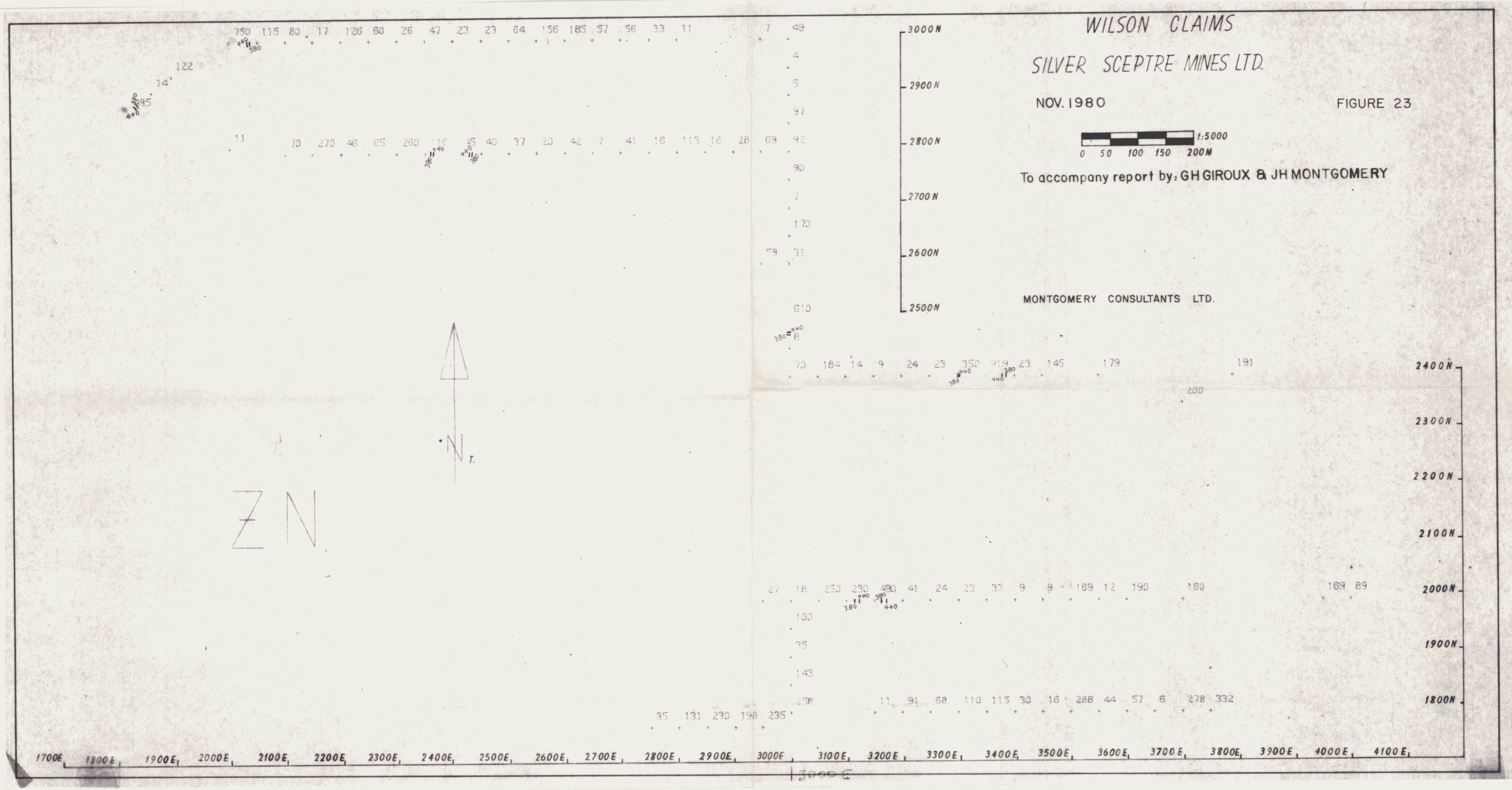
1:5000

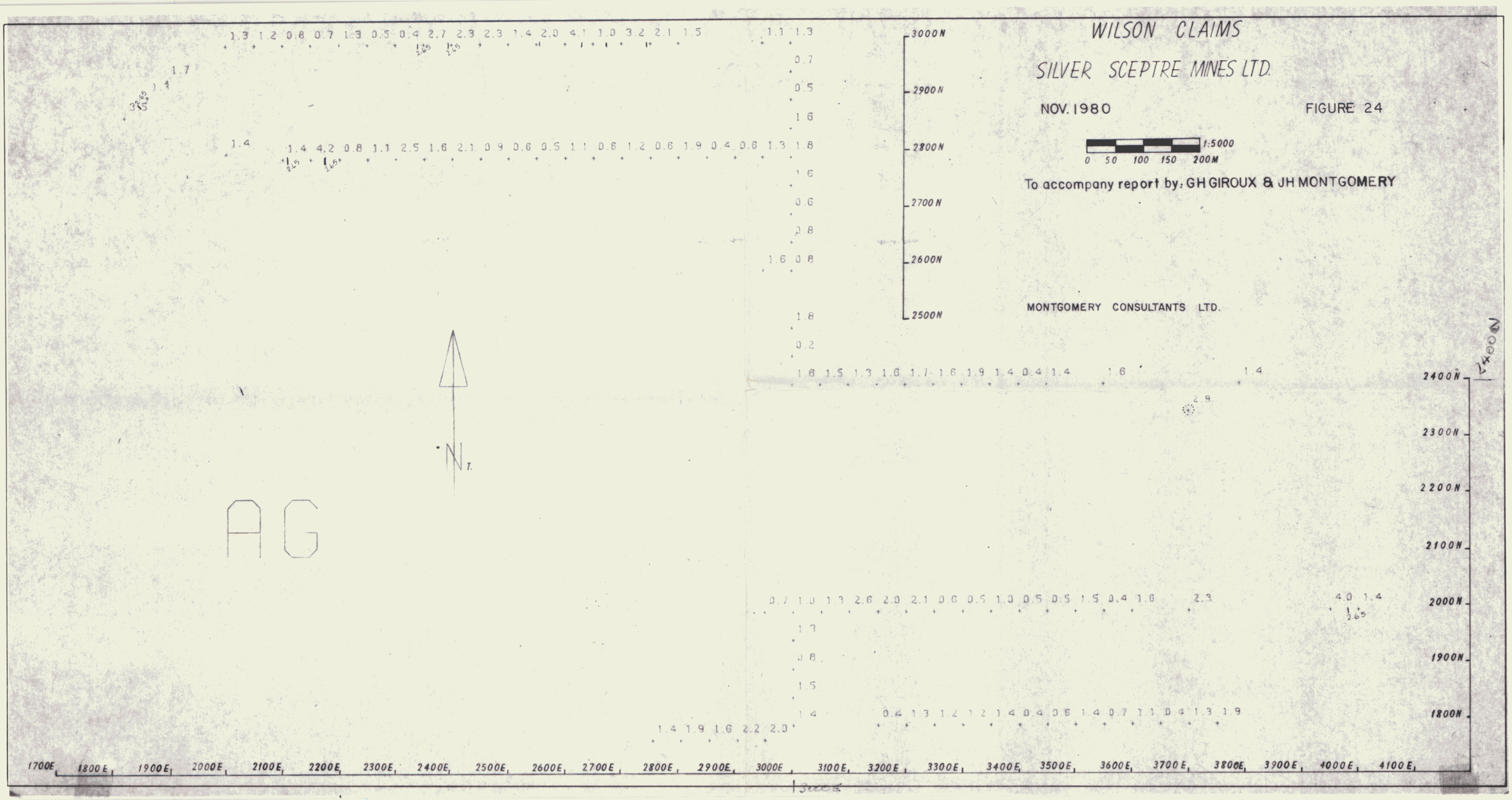
0 50 100 150 200M

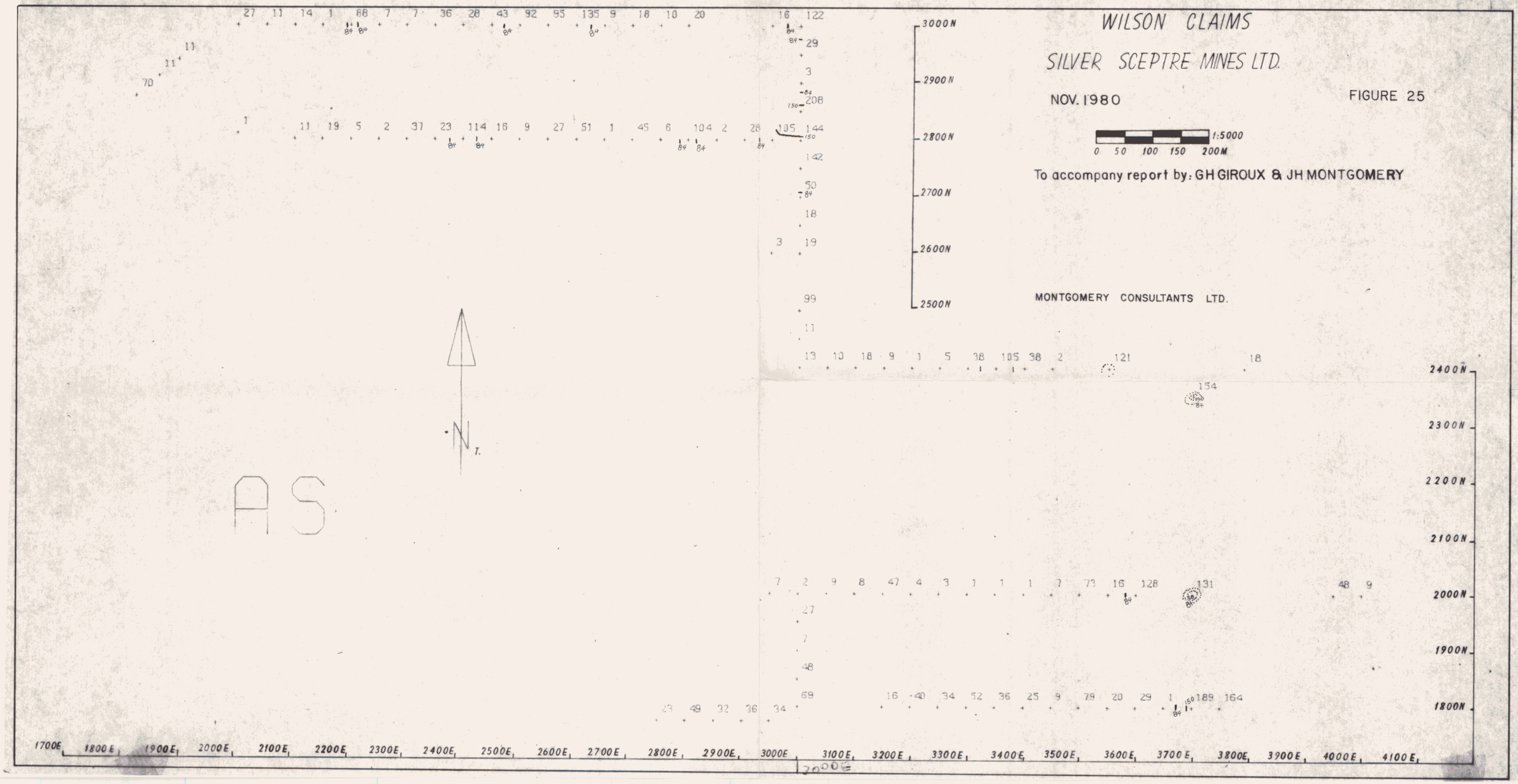
To accompany report by: GH GIROUX & JH MONTGOMERY

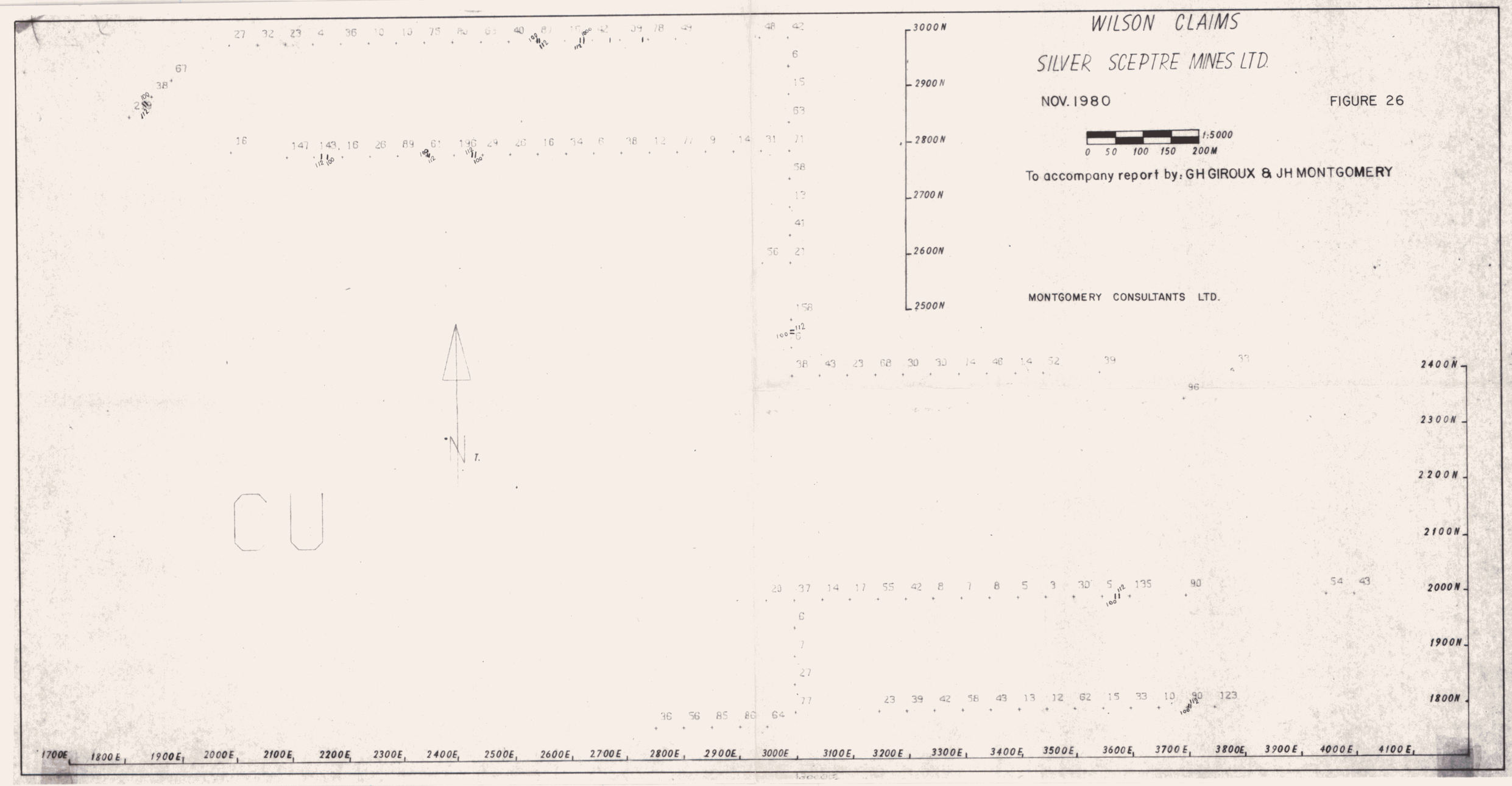
MONTGOMERY CONSULTANTS LTD.




WILSON CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
FIGURE 23
1:5000
0 50 100 150 200M
To accompany report by: GH GIROUX & JH MONTGOMERY
MONTGOMERY CONSULTANTS LTD.
N
T.
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700E
1800E
1900E
2000E
2100E
2200E
2300E
2400E
2500E
2600E
2700E
2800E
2900E
3000E
3100E
3200E
3300E
3400E
3500E
3600E
3700E
3800E
3900E
4000E
4100E


WILSON CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
FIGURE 24
1:5000
0 50 100 150 200M
To accompany report by: GH GIROUX & JH MONTGOMERY
MONTGOMERY CONSULTANTS LTD.
N
T.
AG
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700E
1800E
1900E
2000E
2100E
2200E
2300E
2400E
2500E
2600E
2700E
2800E
2900E
3000E
3100E
3200E
3300E
3400E
3500E
3600E
3700E
3800E
3900E
4000E
4100E


WILSON CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
FIGURE 25
1:5000
0 50 100 150 200M
To accompany report by: GH GIROUX & JH MONTGOMERY
MONTGOMERY CONSULTANTS LTD.
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700E
1800E
1900E
2000E
2100E
2200E
2300E
2400E
2500E
2600E
2700E
2800E
2900E
3000E
3100E
3200E
3300E
3400E
3500E
3600E
3700E
3800E
3900E
4000E
4100E
T.
AS


WILSON CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
FIGURE 26
1:5000
0 50 100 150 200M
To accompany report by: GH GIROUX & JH MONTGOMERY
MONTGOMERY CONSULTANTS LTD.
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700E
1800E
1900E
2000E
2100E
2200E
2300E
2400E
2500E
2600E
2700E
2800E
2900E
3000E
3100E
3200E
3300E
3400E
3500E
3600E
3700E
3800E
3900E
4000E
4100E

WILSON CLAIMS

SILVER SCEPTRE MINES LTD.

NOV. 1980

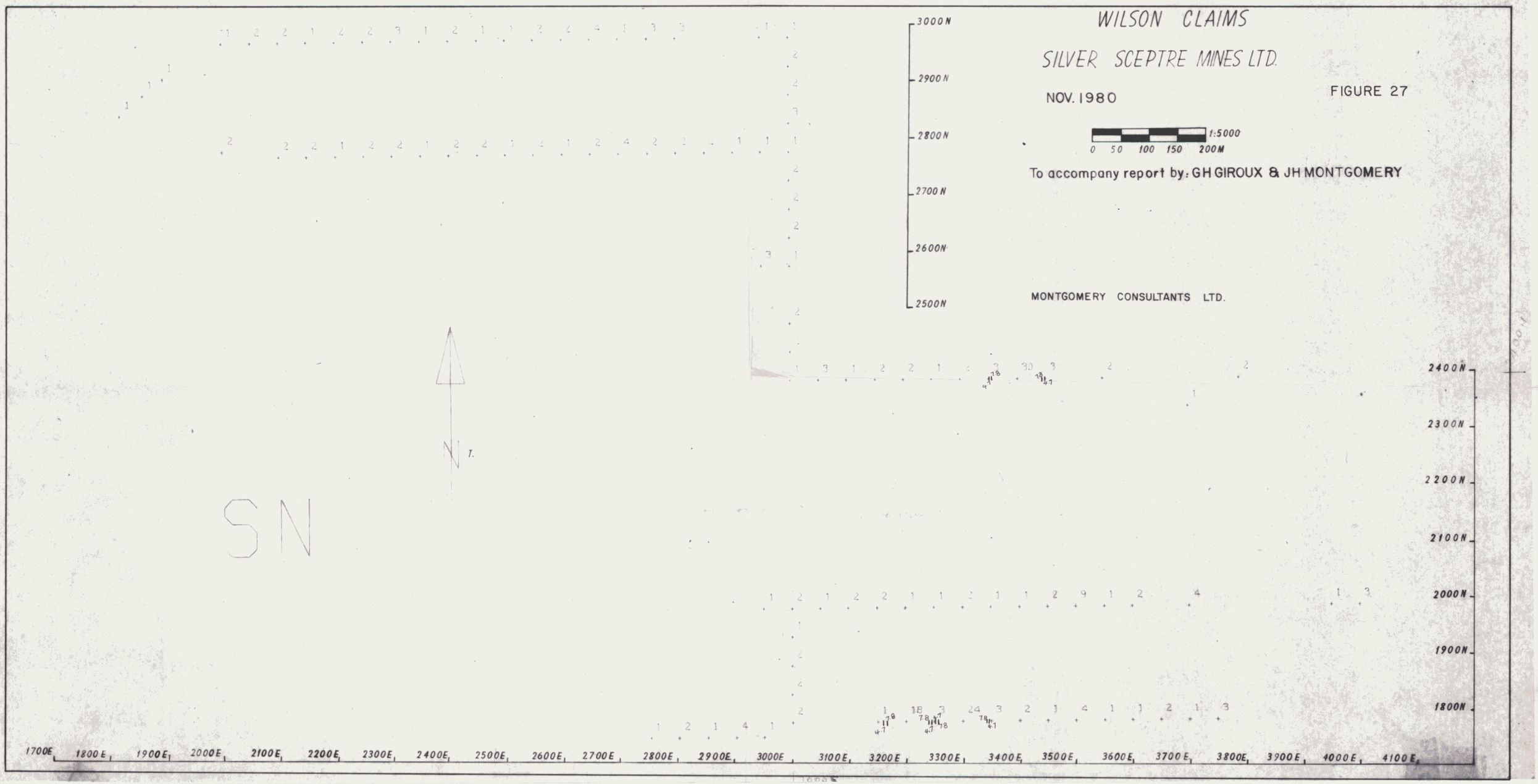
FIGURE 27

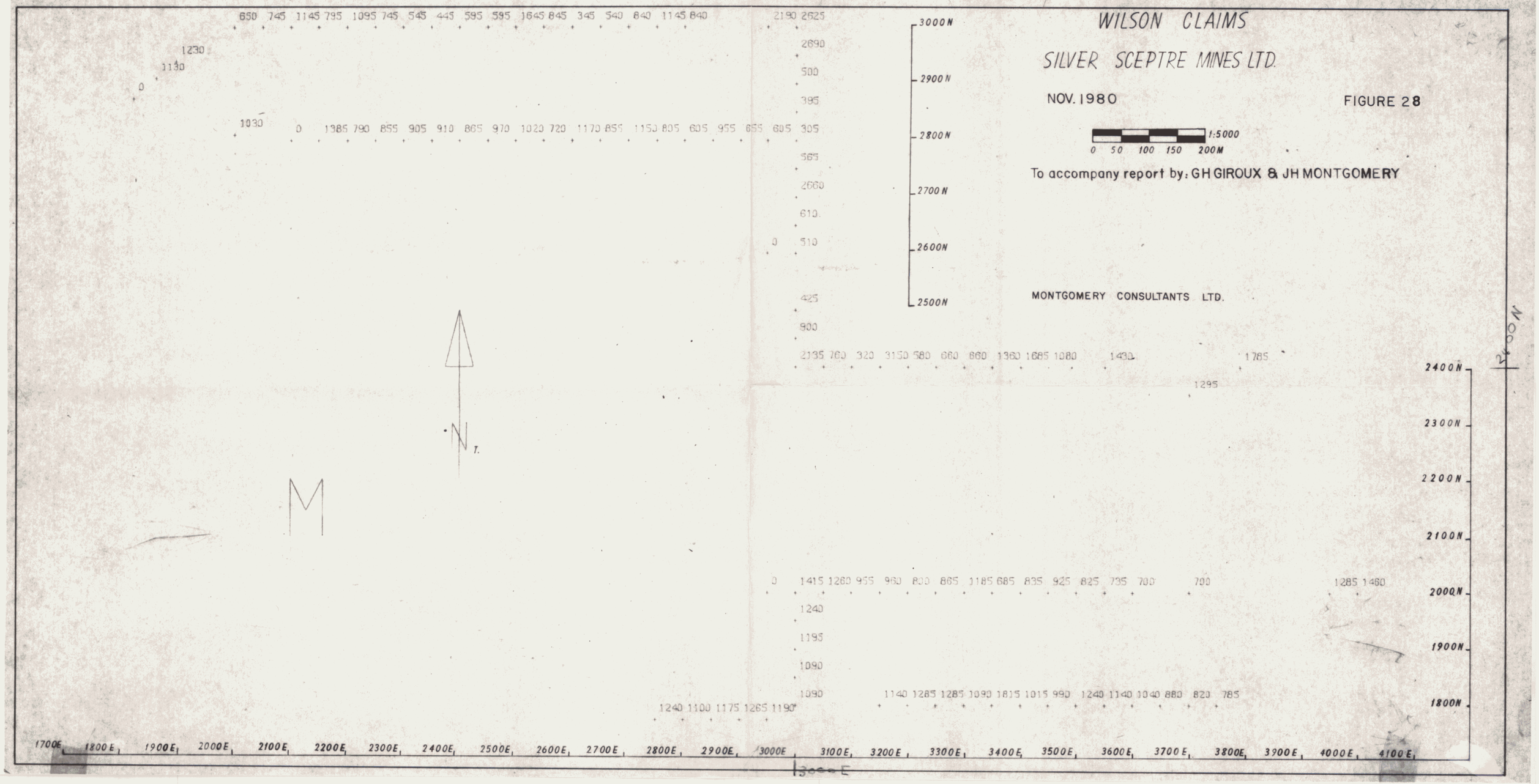
1:5000

0 50 100 150 200M

To accompany report by: GH GIROUX & JH MONTGOMERY

MONTGOMERY CONSULTANTS LTD.




WILSON CLAIMS
SILVER SCEPTRE MINES LTD.
NOV. 1980
FIGURE 28
1:5000
0 50 100 150 200M
To accompany report by: GH GIROUX & JH MONTGOMERY
MONTGOMERY CONSULTANTS LTD.
N T.
650 745 1145 795 1095 745 545 445 595 595 1645 845 345 540 840 1145 840
1230
1130
0
1030
0 1985 790 855 905 910 865 970 1020 720 1170 855 1150 805 605 955 655 605 305
2190 2625
2690
500
395
565
2660
610
0 510
425
900
3000N
2900N
2800N
2700N
2600N
2500N
2135 760 320 3150 580 660 660 1360 1685 1080 1430 1785
1295
2400N
2300N
2200N
2100N
2000N
1900N
1800N
0 1415 1260 955 960 800 865 1185 685 835 925 825 735 700 700 1285 1460
1240
1195
1090
1090
1140 1285 1285 1090 1815 1015 990 1240 1140 1040 880 820 785
1240 1100 1175 1265 1190
1700E 1800E 1900E 2000E 2100E 2200E 2300E 2400E 2500E 2600E 2700E 2800E 2900E 3000E 3100E 3200E 3300E 3400E 3500E 3600E 3700E 3800E 3900E 4000E 4100E
2400N
3000E