

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL REPORT

on

- (GROUP A) GOLDHILL 1 - 4, MILL, NED 1, K, VAL, ELLA 1 FRACTION, ELLA 2 FRACTION, CALEB, NA, UP, LAKE, BB, Mc, KAT, AA MINERAL CLAIMS.
- (GROUP B) WENDY 1, WENDY 2, POINT 1 - 10. DROP 1, SNO, FG 1, FG 2, REDHILL 5, REDHILL 6, JENNIE EXTENSION 1 - 4 MINERAL CLAIMS
- (GROUP C) JOG 1 - 10, DD 1 - 12, FIN 1, FIN 2, BIT, GO, ROCK, TOP 1 - 5, NORA, TIP 1 MINERAL CLAIMS

LIARD MINING DIVISION

NTS 104P/4E

LAT. 59⁰15' LONG. 129⁰37'W

by

C.C. EVERETT AND Z.B. DOBORZYNSKI

OWNERS: ERICKSON GOLD MINING CORP.
NEW COAST SILVER MINES LTD.
TABLE MOUNTAIN MINES LTD.

OPERATOR: ESSO MINERALS CANADA
ESSO RESOURCES CANADA LIMITED
600 - 1281 WEST GEORGIA ST.
VANCOUVER, B.C.

DATED: APRIL 27, 1981

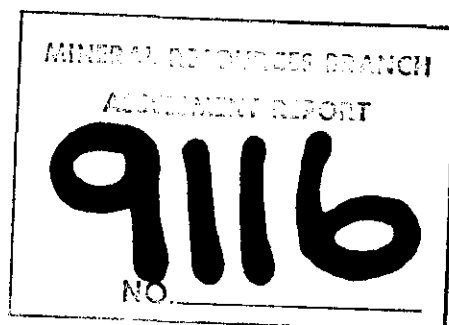


TABLE OF CONTENTS

	<u>PAGE #</u>
SUMMARY	1
1. INTRODUCTION	3
1.A LOCATION AND ACCESS	3
1.B PROPERTY	3
1.C HISTORY OF PROPERTY	3
1.D REGIONAL GEOLOGY	9
1.E DETAILS OF 1980 PROGRAM	12
2. TECHNICAL DATA AND INTERPRETATION OF RESULTS	14
2.A ORIENTATION PROGRAM	14
2.A(i) PROCEDURE	14
2.A(ii) PORCUPINE ORIENTATION	15
2.A.(iii) DAVIS ORIENTATION	19
2.A.(iv) LAKEVIEW/GOLDHILL ORIENTATION	23
2.A.(v) INTERPRETATION OF RESULTS	23
2.B 1979 FOLLOW-UP GRIDS	29
2.B(i) SUMMARY	29
2.B(ii) LAKE #1 ANOMALY	30
2.B(iii) LAKE #2 ANOMALY	31
2.B(iv) TAILINGS POND ANOMALY	31
2.B(v) PUMP STATION ANOMALY	32
2.B(vi) LAKEVIEW/GOLDHILL ANOMALY	33
2.B(vii) DAVIS - PORCUPINE GRID	35
2.C MAIN GRID	39
2.C(i) SUMMARY	39
2.C(ii) GEOLOGY	39
2.C(iii) ALTERATION AND MINERALIZATION	42
2.C(iv) GEOCHEMISTRY	46
2.D SKY GRID	53
2.D(i) SUMMARY	53
2.D(ii) GEOLOGY	53
2.D(iii) ALTERATION AND MINERALIZATION	55
2.D(iv) GEOCHEMISTRY	57
3. GEOPHYSICAL SURVEYS	60

	<u>PAGE #</u>
STATEMENT OF QUALIFICATIONS	61
COST ESTIMATE - McDAME PROJECT	63
BREAKDOWN OF TIME DISTRIBUTION	65
COST DISTRIBUTIONS	66
 <u>APPENDIX</u>	
A GEOLOGICAL UNITS	67
B LIST OF ABBREVIATIONS	69
C GEOCHEMICAL METHODS	70
D GEOPHYSICS	71
E HISTOGRAMS, NORMAL PROBABILITY PLOTS, SCATTERGRAMS	76

LIST OF TABLES - FIGURES - MAPS

<u>TABLE</u>	<u>TITLE</u>	<u>PAGE</u>
1	CLAIM LIST	4
2	1980 WORK SUMMARY	13
3	ORIENTATION SURVEY - RESULTS	27
4	1974 FOLLOW-UP PROGRAM - WORK SUMMARY	29
5	CALLISON CREEK BRECCIA ZONE - LIST OF ASSAYS	44
6	MAIN GRID - GEOCHEM STATISTICS	46
7	SKY GRID - GEOCHEM STATISTICS	58

<u>FIGURES</u>	<u>TITLE</u>	<u>PAGE</u>
1	LOCATION MAP - McDAME PROJECT	2
2	REGIONAL GEOLOGY MAP	10
3	STRATIGRAPHIC COLUMN	11
4	PORCUPINE ORIENTATION - GEOLOGY	16
5	PORCUPINE ORIENTATION - Au soil/mull Plot	17
6	PORCUPINE ORIENTATION - As, Ag, Cu, Zn, Plot	18
7	DAVIS ORIENTATION - GEOLOGY	20
8	DAVIS ORIENTATION - Au soil/mull Plot	21
9	DAVIS ORIENTATION - As, Ag, Cu, Zn Plot	22
10	LAKEVIEW/GOLDHILL ORIEN. - GEOLOGY	24
11	LAKEVIEW/GOLDHILL ORIEN. - Au soil/mull Plot	25
12	LAKEVIEW/GOLDHILL ORIEN. - As, Ag, Cu, Zn Plot	26
13	MAIN GRID - LOCATION MAP	38
13(A)	CALLISON CREEK BRECCIA ZONE - CHANNEL SAMPLE LOCATION MAP	43
14	SKY GRID - LOCATION MAP	52

MAPSTITLE

1	CLAIM LOCATION MAP
2	WORK LOCATION MAP
3	LAKE #1 GEOLOGY
4	LAKE #1 SAMPLE LOCATION
5	LAKE #1 Au/As GEOCHEM
6	LAKE #1 Ag/Cu GEOCHEM
7	LAKE #2 SAMPLE LOCATION
8	LAKE #2 Au/As GEOCHEM
9	LAKE #2 Ag/Cu GEOCHEM
10	TAILINGS POND SAMPLE LOCATION
11	TAILINGS POND Au/As GEOCHEM
12	TAILINGS POND Ag/Cu GEOCHEM
13	PUMP STATION GEOLOGY
14	PUMP STATION SAMPLE LOCATION
15	PUMP STATION Au/As GEOCHEM
16	PUMP STATION Ag/Cu GEOCHEM
17	LAKEVIEW/GOLDHILL GEOLOGY
18	LAKEVIEW/GOLDHILL SAMPLE LOCATION
19	LAKEVIEW/GOLDHILL Au/As GEOCHEM
20	LAKEVIEW/GOLDHILL Ag/Cu GEOCHEM
21	DAVIS - PORCUPINE GEOLOGY
22	DAVIS - PROCUPINE SAMPLE LOCATION
23	DAVIS - PROCUPINE Au/As GEOCHEM
24	DAVIS - PROCUPINE Ag/Cu GEOCHEM
25	MAIN GRID - NORTH GEOLOGY
26	MAIN GRID - NORTH SAMPLE LOCATION
27	MAIN GRID - NORTH Au/As GEOCHEM
28	MAIN GRID - NORTH Ag/Cu GEOCHEM
29	MAIN GRID - WEST GEOLOGY
30	MAIN GRID - WEST SAMPLE LOCATION
31	MAIN GRID - WEST Au/As GEOCHEM
32	MAIN GRID - WEST Ag/Cu GEOCHEM
33	MAIN GRID - EAST GEOLOGY
34	MAIN GRID - EAST SAMPLE LOCATION
35	MAIN GRID - EAST Au/As GEOCHEM
36	MAIN GRID - EAST Ag/Cu GEOCHEM
37	SKY GRID GEOLOGY
38	SKY GRID SAMPLE LOCATION
39	SKY GRID Au/As GEOCHEM
40	SKY GRID Ag/Cu GEOCHEM
41A	PROCUPINE: VLF - 2: PROFILES
41B	PROCUPINE - VLF - 2 CONTOURED DIP ANGLES
42A	DAVIS GRID: VLF - 2: PROFILES
42B	DAVIS GRID - VLF - 2 CONTOURED DIP ANGLES
43A	PUMP HOUSE: VLF - 2: PROFILES
43B	PUMP HOUSE - VLF - 2 CONTOURED DIP ANGLES
44A	LAKEVIEW/GOLDHILL: VLF - 2: PROFILES
44B	LAKEVIEW/GOLDHILL - VLF - 2 CONTOURED DIP ANGLES
45A	CALLISON LAKE: VLF - 2: PROFILES
45B	CALLISON LAKE - VLF - 2 CONTOURED DIP ANGLES
46A	SOUTH BRECCIA ZONE: VLF - 2: PROFILES
46B	SOUTH BRECCIA ZONE - VLF - 2 CONTOURED DIP ANGLES

SUMMARY

The " McDame" property, located in the Cassiar area of northwestern B.C., is currently under option by Esso Resources Canada Limited from Erickson Gold Mining Corp..

The exploration targets are gold-silver bearing quartz veins and large, low-grade silicified shear zones. Numerous quartz veins, anomalous in gold and/or silver have been located on the property. Erickson Gold Mining Corporation's Jennie vein is the only producer of precious metals at this time.

Work completed in 1980 included three geochemical orientation studies over known gold bearing veins, establishment of two large reconnaissance soil grids and six follow-up grids over 1979 soil and mull anomalies, geological mapping, and a limited amount of geophysical surveying.

Several gold, silver, arsenic and copper soil anomalies were identified. All of the grids were mapped and prospected. VLF-2 EM was used as an attempt to delineate the extent of gold/silver bearing structures masked by deep overburden.

Additional soil geochem, extension of existing grids, trenching, diamond drilling and aero-magnetic surveying are recommended as logical steps in further evaluation of the property.

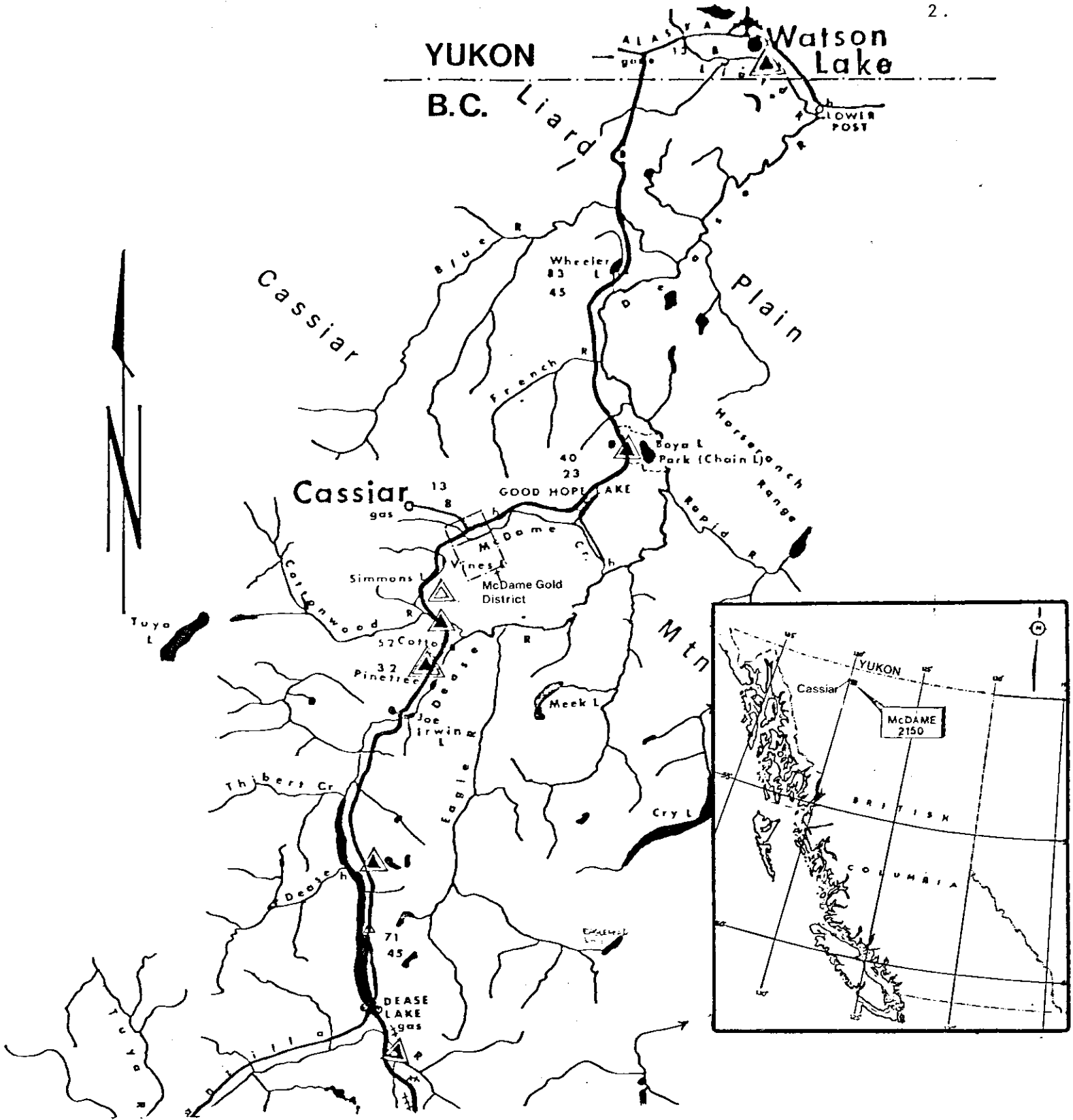


FIGURE #1
 LOCATION MAP
 McDame Project

1. INTRODUCTION

1.A Location and Access

The McDame property is located approximately 168 km south of Watson Lake, Yukon on the Cassiar-Stewart Highway,

13 km southeast of the town of Cassiar (Figure #1).

The claims are located on NTS map sheet 104P/4E at north latitude $59^{\circ}15'N$ and west longitude $129^{\circ}37'W$.

1.B Property

The property consists of 75 mineral claims aggregating 237 contiguous units. Locations of the claims are shown on map #1.

Erickson Gold Mining Corporation has the right of ownership and option to the property. Esso Resources Canada Limited optioned the ground in 1979

1.C History of Property

Placer gold was first discovered in McDame Creek in 1874. Up to 1950, some 70,000 ounces were produced, including the largest nugget ever located in British Columbia; 58 ounces.

LAND RECORD

PROPERTY: McDame #2150

MINING DIVISION: Liard

NAME	RECORD NO.	NO. OF UNITS	DATE OF RECORD	EXPIRY DATE	GROUP	OWNER
Go	387	12	June 20/77	June 20/83	C	Erickson Gold Mining
Hill	261	4	Mar 21/77	Mar 21/82	C	" " "
Nora	1359	1	Nov 15/40	Nov 15/86	C	New Coast Silver
Top 1	72283	1	Nov 13/40	Nov 13/85	C	" " "
Top 2	72284	1	Nov 13/74	Nov 13/85	C	" " "
Top 3	72285	1	Nov 13/74	Nov 13/85	C	" " "
Top 4	72286	1	Nov 13/74	Nov 13/85	C	" " "
Top 5	72287	1	Nov 13/74	Nov 13/85	C	" " "
Tip 1	11	2	July 7/75	July 7/86	C	" " "
Rock	237	1	Oct 12/76	Oct 12/86	C	" " "
N.A.	267	9	Apr 12/77	Apr 12/83	A	" " "
K	266	4	Apr 12/77	Apr 12/82	A	" " "
MC	265	2	Apr 12/77	Apr 12/83	A	" " "
Lake	258	1	Mar 21/77	Mar 21/84	A	Erickson Gold Minir
Med 1	442	3	July 18/77	July 18/82	A	" " "
Up	14	5	July 11/75	July 11/82	A	" " "
Val	259	20	Mar 21/77	Mar 21/83	A	" " "
BB	386	1	June 20/77	June 20/82	A	" " "
Sky	262	18	Mar 21/77	Mar 21/86	B	" " "
FG 1	72296	1	Oct 16/74	Oct 16/85	B	" " "
FG 2	72236	1	Oct 22/74	Oct 22/85	B	" " "
Sno	63	6	Oct 28/75	Oct 28/86	B	" " "
Kat	56	4	Oct 16/75	Oct 16/87	A	" " "

LAND RECORD

PROPERTY: McDame #2150

MINING DIVISION: Liard

NAME	RECORD NO.	NO. OF UNITS	DATE OF RECORD	EXPIRY DATE	GROUP	OWNER
Jennie Ext 1	4932	1	Sept 18/56	Sept 18/86	B	Table Mountain
Jennie Ext 2	4933	1	Sept 18/56	Sept 18/86	B	" "
Jennie Ext 3	4934	1	Sept 18/56	Sept 18/84	_____	" "
Jennie Ext 4	4921	1	Oct 15/56	Oct 15/84	_____	" "
Red Hill 5	2996	1	Aug 24/53	Aug 24/84	B	" "
Red Hill 6	2997	1	Aug 24/53	Aug 24/84	B	" "
Lot } Crown Grants	6540	1	July 2	July 2/81	_____	
Lot }	6537	1	July 2	July 2/81	_____	
Lot }	6539	1	July 2	July 2/81	_____	
Bit	257	12	Mar 21/77	Mar 21/83	C	Erickson Gold Mining
AA	260	20	Mar 21/77	Mar 21/82	B	" " "
Gold Hill 1	534	1	Feb 23/78	Feb 23/82	A	" " "
Gold Hill 2	535	1	Feb 23/78	Feb 23/82	A	" " "
Gold Hill 3	536	1	Feb 23/78	Feb 23/82	A	
Gold Hill 4	537	1	Feb 23/78	Feb 23/82	A	" " "
Wendy 1	1503	6	July 6/80	July 6/81	B	" " "
Wendy 2	1504	6	July 7/80	July 7/81	B	
Caleb 4E 1S	1619	4	Aug 5/80	Aug 5/81	A	" " "
Jog 10	1427	1	July 14/80	July 14/81	C	" " "
Jog 9	1545	1	July 14/80	July 14/81	C	" " "
Fin 2	1418	12	July 14/80	July 14/81	C	" " "
Point 10	1416	1	July 14/80	July 14/81	B	" " "
Point 9	1415	1	July 14/80	July 14/81	B	" " "
Point 1	1407	1	July 14/80	July 14/81	B	" " "

LAND R ORD

PROPERTY: McDame #2150

MINING DIVISION: Liard

NAME	RECORD NO.	NO. OF UNITS	DATE OF RECORD	EXPIRY DATE	GROUP	OWNER
Point 2	1408	1	July 14/80	July 14/81	B	Erickson Gold Mining
Point 3	1409	1	July 14/80	July 14/81	B	" " "
Point 4	1410	1	July 14/80	July 14/81	B	" " "
Point 5	1411	1	July 14/80	July 14/81	B	" " "
Point 6	1412	1	July 14/80	July 14/81	B	" " "
Point 7	1413	1	July 14/80	July 14/81	B	" " "
Point 8	1414	1	July 14/80	July 14/81	B	" " "
Drop 1	1753	15	July 14/80	July 14/81	B	" " "
DD 1	1602	1	July 14/80	July 14/81	C	" " "
DD 2	1603	1	July 14/80	July 14/81	C	" " "
DD 3	1429	1	July 14/80	July 14/81	C	" " "
DD 4	1430	1	July 14/80	July 14/81	C	" " "
DD 5	1431	1	July 14/80	July 14/81	C	" " "
DD 6	1432	1	July 14/80	July 14/81	C	" " "
DD 7	1433	1	July 14/80	July 14/81	C	" " "
DD 8	1434	1	July 14/80	July 14/81	C	" " "
DD 9	1435	1	July 14/80	July 14/81	C	" " "
DD 10	1436	1	July 14/80	July 14/81	C	" " "
DD 11	1437	1	July 14/80	July 14/81	C	" " "
DD 12	1438	1	July 14/80	July 14/81	C	" " "
Fin 1	1417	18	July 14/80	July 14/81	C	" " "

LAND RECORD

PROPERTY: McDame #2150

MINING DIVISION: Liard

NAME	RECORD NO.	NO. OF UNITS	DATE OF RECORD	EXPIRY DATE	GROUP	OWNER
Jog 1	1421	1	July 14/80	July 14/81	C	Erickson Gold Mining
Jog 2	1422	1	July 14/80	July 14/81	C	Erickson Gold Mining
Jog 3	1423	1	July 14/80	July 14/81	C	" " "
Jog 4	1424	1	July 14/80	July 14/81	C	" " "
Jog 5	1425	1	July 14/80	July 14/81	C	" " "
Jog 6	1426	1	July 14/80	July 14/81	C	" " "
Jog 7	1544	1	July 14/80	July 14/81	C	" " "
Jog 8	1428	1	July 14/80	July 14/81	C	" " "
Ella 1 Fr.	1429	1	July 14/80	July 14/81	A	" " "
Ella 2 Fr.	1420	1	July 14/80	July 14/81	A	" " "
DD 9	1435	1	July 14/80	July 14/81	C	" " "
DD 10	1436	1	July 14/80	July 14/81	C	" " "
DD 11	1437	1	July 14/80	July 14/81	C	" " "
DD 12	1438	1	July 14/80	July 14/81	C	" " "

In 1934 native gold was discovered in quartz veins on Quartzrock Creek. From 1934 - 1960 several gold bearing veins were located within the district, in a zone 8 km wide extending from Pooley Creek to Quartzrock Creek.

Only limited exploration was carried out on the gold showings to 1960. In the summer of 1951 G. Davis operated a 5-ton mill on the Nora claims, south of McDame Lake. Lode production from the Cornucopia claims; 35 oz. of Au and 3 oz. of Ag from 25 tons of quartz ore mined; was recorded in 1960. Exploration within the McDame District has intensified in recent years due to substantial increases in the price of gold. Several companies have initiated diamond drilling, surface and underground development programs. In January 1979, Erickson Gold Mining Corporation began production of the Jennie vein on Table Top Mountain. Gold-silver production is planned in 1981 from quartz veins presently being explored by Cusac Industries Ltd., Plaza Mining Corporation and United Hearne Resources Ltd.

1.D Regional Geology

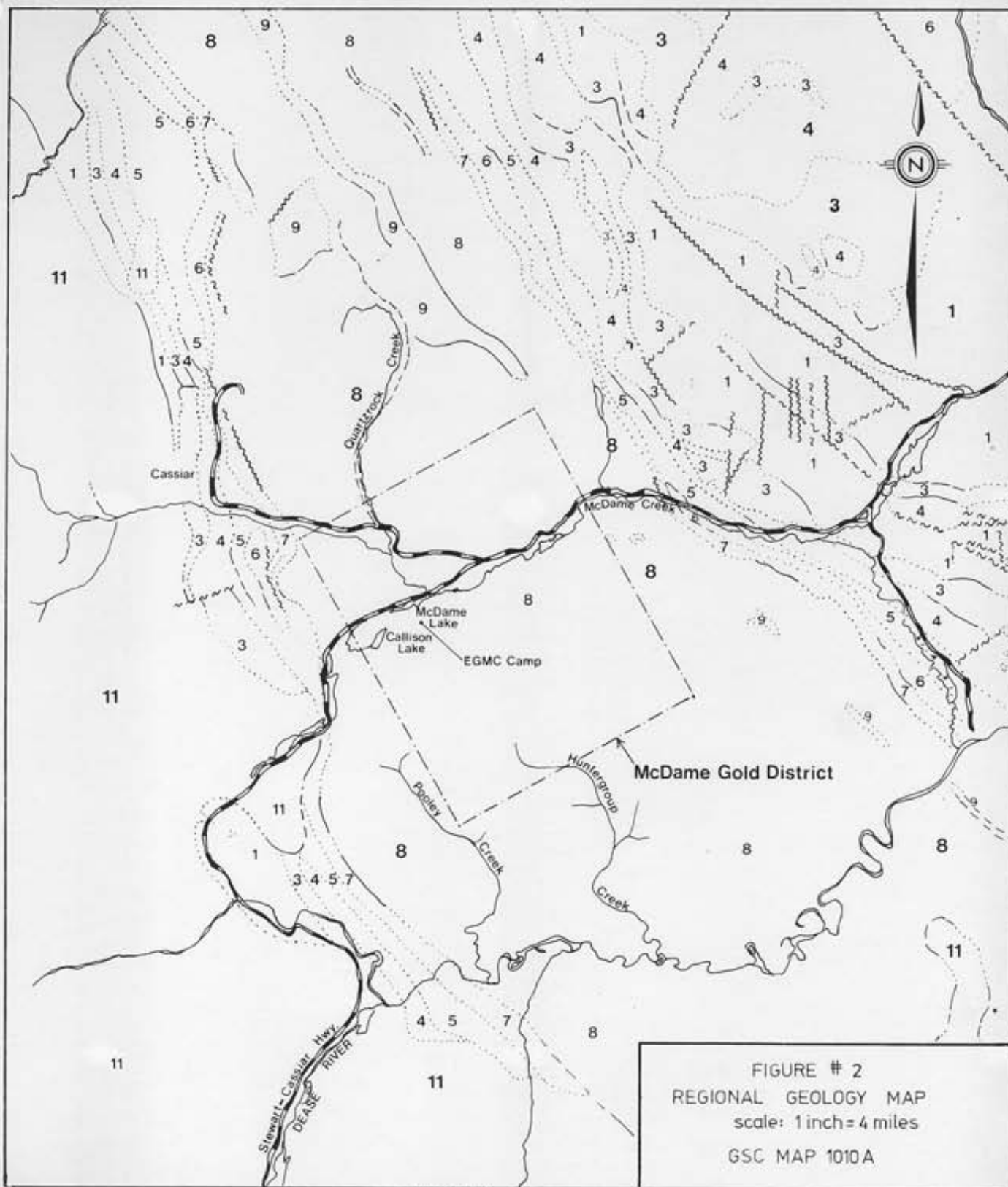
The regional geology of the McDame 104P map sheet is presented on GSC Map 1110A, accompanying GSC Memoir #319, 1963, by H. Gabrielse. Figure #2 represents the south-west portion of the 104P map sheet; north latitude $59^{\circ}00'$ - $59^{\circ}30'N$ and west longitude $129^{\circ}15'$ - $130^{\circ}00'W$.

The McDame gold district is underlain by early Mississippian to late Devonian Sylvester Group volcanic and sedimentary rocks. This unit forms the core of a southeasterly plunging synclinorium, commonly referred to as the McDame synclinorium. It consists of a thick sequence of greenstone, chert, greywacke, slate, shale, argillite, quartzite and minor limestone.

The stratigraphic position of the Sylvester Group is presented in Figure #3.

Ultramafic rocks of probable Mississippian age intrude the eugeosynclinal assemblage. They occur in a linear pattern from northwest to southeast along the eastern boundary of the Sylvester Group volcanic-sedimentary package.

Jura-Cretaceous granitic rocks of the Cassiar batholith occur along the western limb of the synclinorium.



JURASSIC AND/OR CRETACEOUS

11 Cassiar Intrusions

MISSISSIPPIAN

9 Ultramafics

UPPER DEVONIAN AND LOWER MISSISSIPPIAN

8 Sylvester Group

LEGEND

DEVONIAN

7 McDame Group

ORDOVICIAN ↔ DEVONIAN

6 Sandpile Group

CAMBRIAN AND ORDOVICIAN

5 Kechika Group

LOWER CAMBRIAN

4 Atan Group

1 Good Hope Group

STRATIGRAPHIC COLUMN

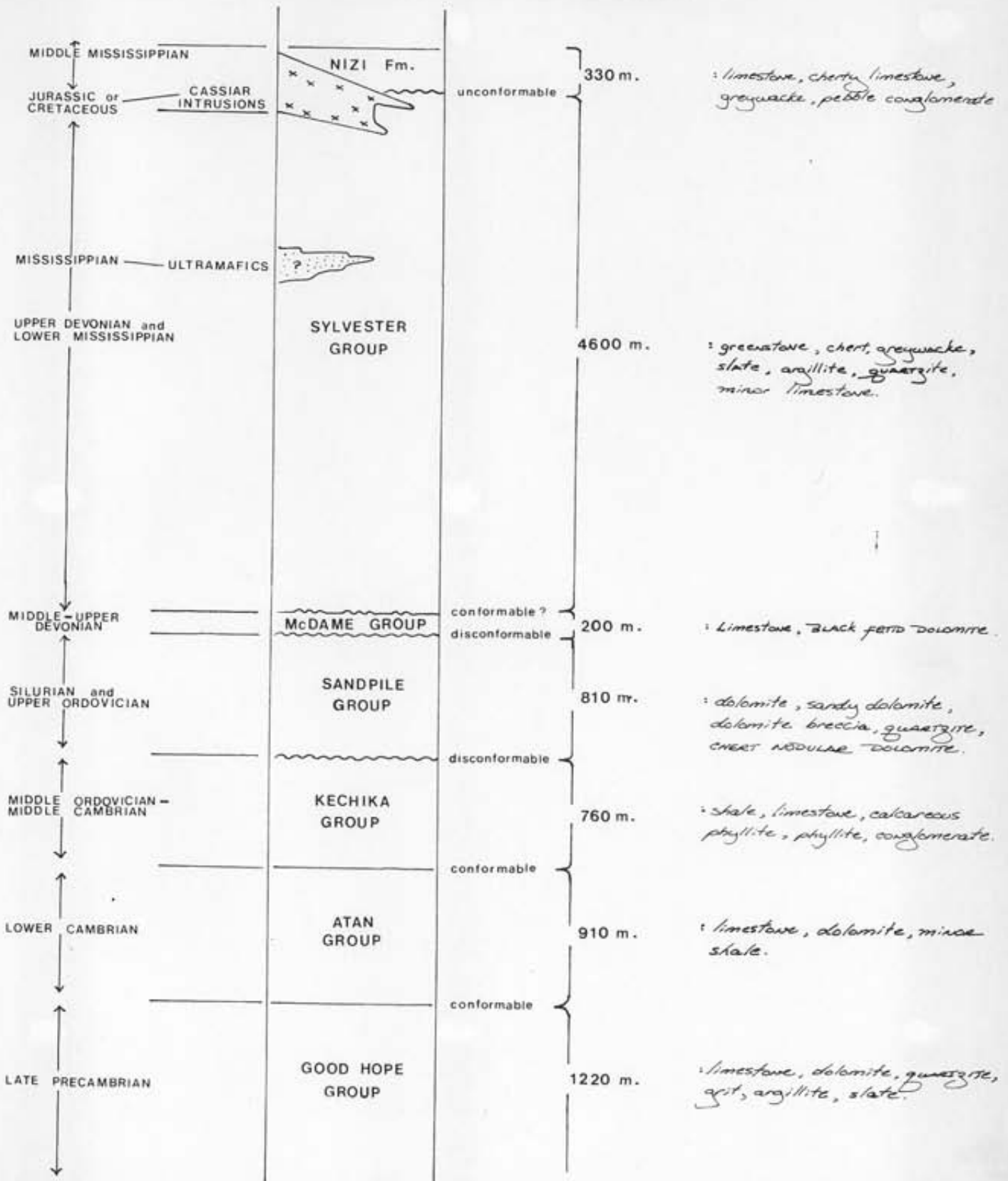


Figure No. 3

1.E Details of 1980 Program

Field work completed in 1980 (May 20 - Oct. 16) included line cutting, soil sampling, geological mapping and a limited amount of geophysical surveying. Property work is divided into four sections; orientation program, 1979 follow-up program, Main Grid and Sky Grid. Table #2 is a summary of the work applied to each section. Grid locations are illustrated on Map #2.

TABLE 2

1980 WORK SUMMARY

SECTION	(Samples) GEOCHEMISTRY	(Line km) GEOPHYSICS	(km ²)	(Line km)
			GEOLOGICAL MAPPING	LINECUTTING
Orientation Program	51 soil 51 mull	--	--	0.49
1979 Follow-up	771 soil 20 assay	1.4	.4	0.15
Main Grid	1710 soil 46 assay	3.4	3.1	35.76
Sky Grid	4 soil 10 assay	--	--	23.87
Total	3680 soil 76 assay 51 mull	4.8 line km	5.9 km ²	68.27 line km

Geological mapping was done at a scale of 1 cm = 20 metres. Grid lines were cut, blazed, flagged and picketed at 20 metre intervals. Soil samples were taken at the B-horizon with hand tools. The orientation and 1979 follow-up grids were sampled at 10 metre intervals. The main Grid and Sky Grid were sampled at 20 metre intervals with 10 metre fill-in sampling in anomalous zones.

2. TECHNICAL DATA AND INTERPRETATION OF RESULTS

2.A Orientation Program

2.A (i) Procedure

Geochemical results (soil/mull) obtained from the 1979 exploration program failed to define coherent anomalies due to inadequate orientation work and sample spacing. Anomalies could not be correlated to definite bedrock sources.

In May 1980, three orientation lines; Porcupine, Davis and Lakeview Goldhill; were established over known gold-silver bearing veins. The purpose of the orientation program was:

1. Establish a geochemical sampling interval adaptable to location of 1-2 metre gold-quartz veins as well as larger low grade silicified shear zones.

2. Correlate between gold values obtained from soil and mull sampling.

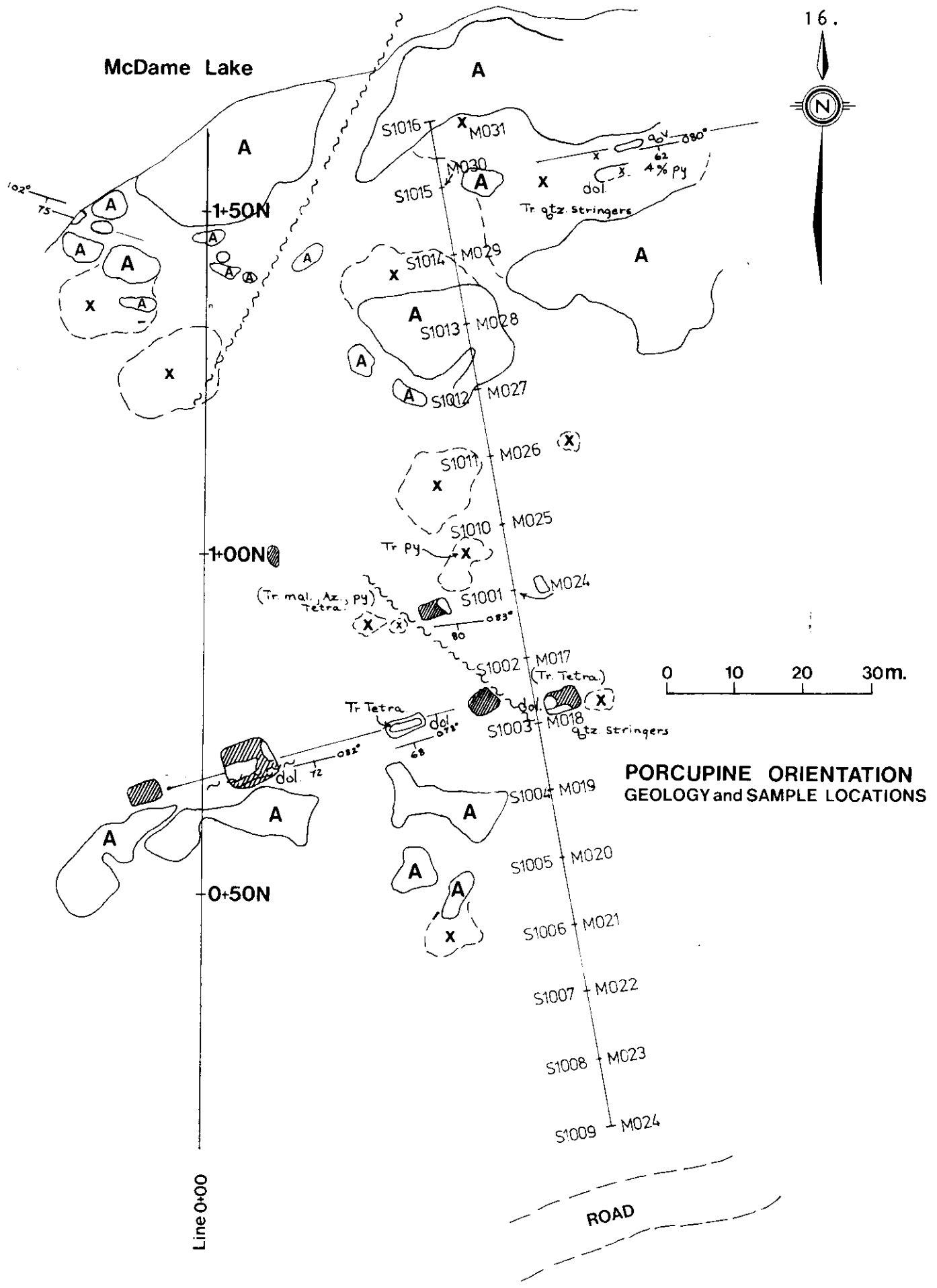
3. Test for identifying elements.

Orientation lines were cut, blazed, flagged and picketed at 10 metre intervals. One soil and one mull sample were taken at each station. Each soil was analyzed for gold, arsenic, silver, copper and zinc. Mull's were analyzed for gold only. Geochemical analysis techniques for all samples are described in Appendix C. Descriptions of rock types from Figures 4, 7 and 9 are contained in Appendix A.

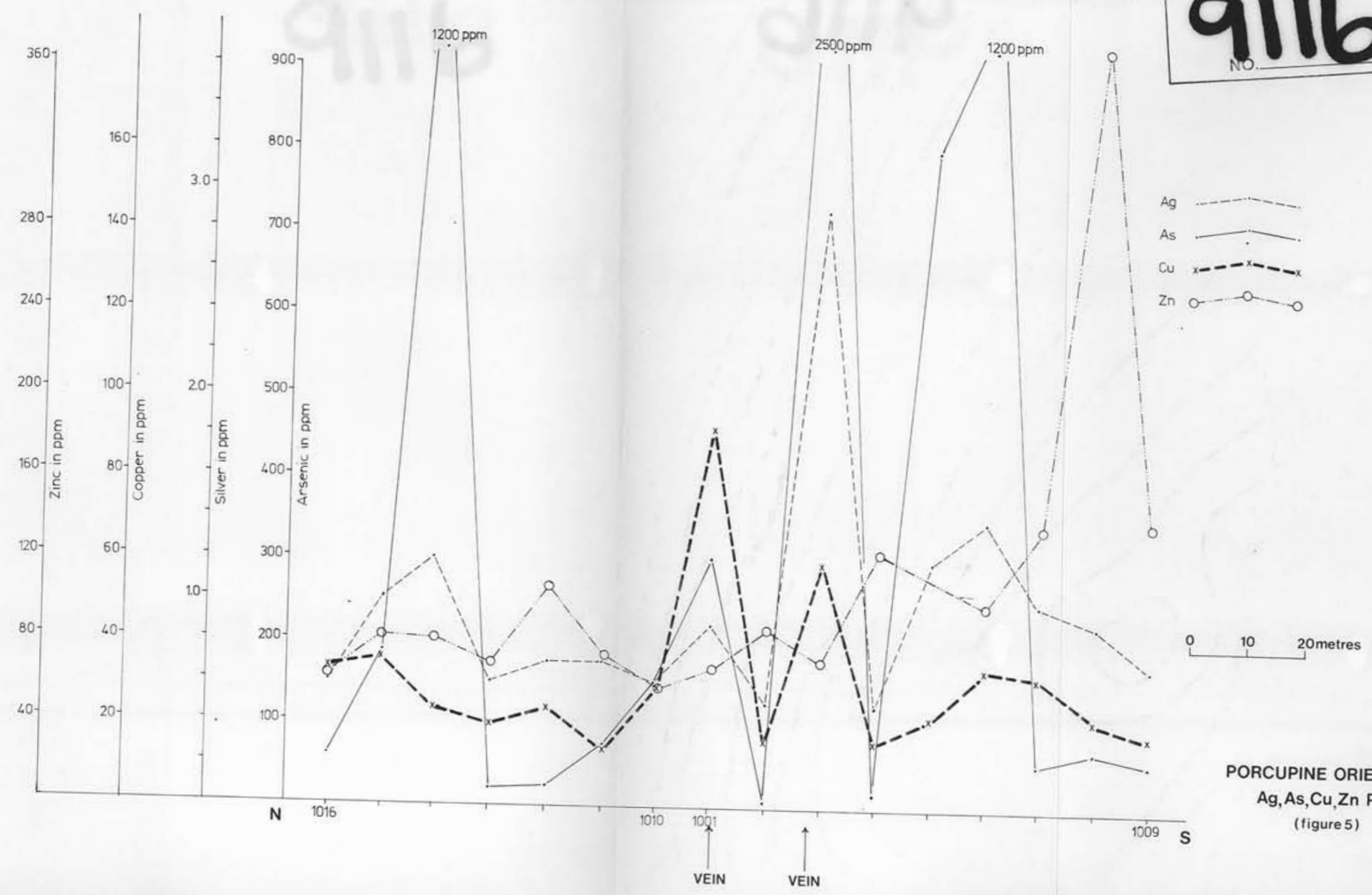
2.A (ii) Porcupine Orientation

The Porcupine orientation line (Figure #4) tested the geochemical response from the Porcupine vein; sample location S 1001. The surface assay across the vein gave a value of 0.110 oz. of Au over 2.1 metres.

Figure #5 represents geochemical profiles of As, Ag, Cu and Zn obtained from soil samples. Plots of Au geochem from soils and mulls are presented on Figure #6.

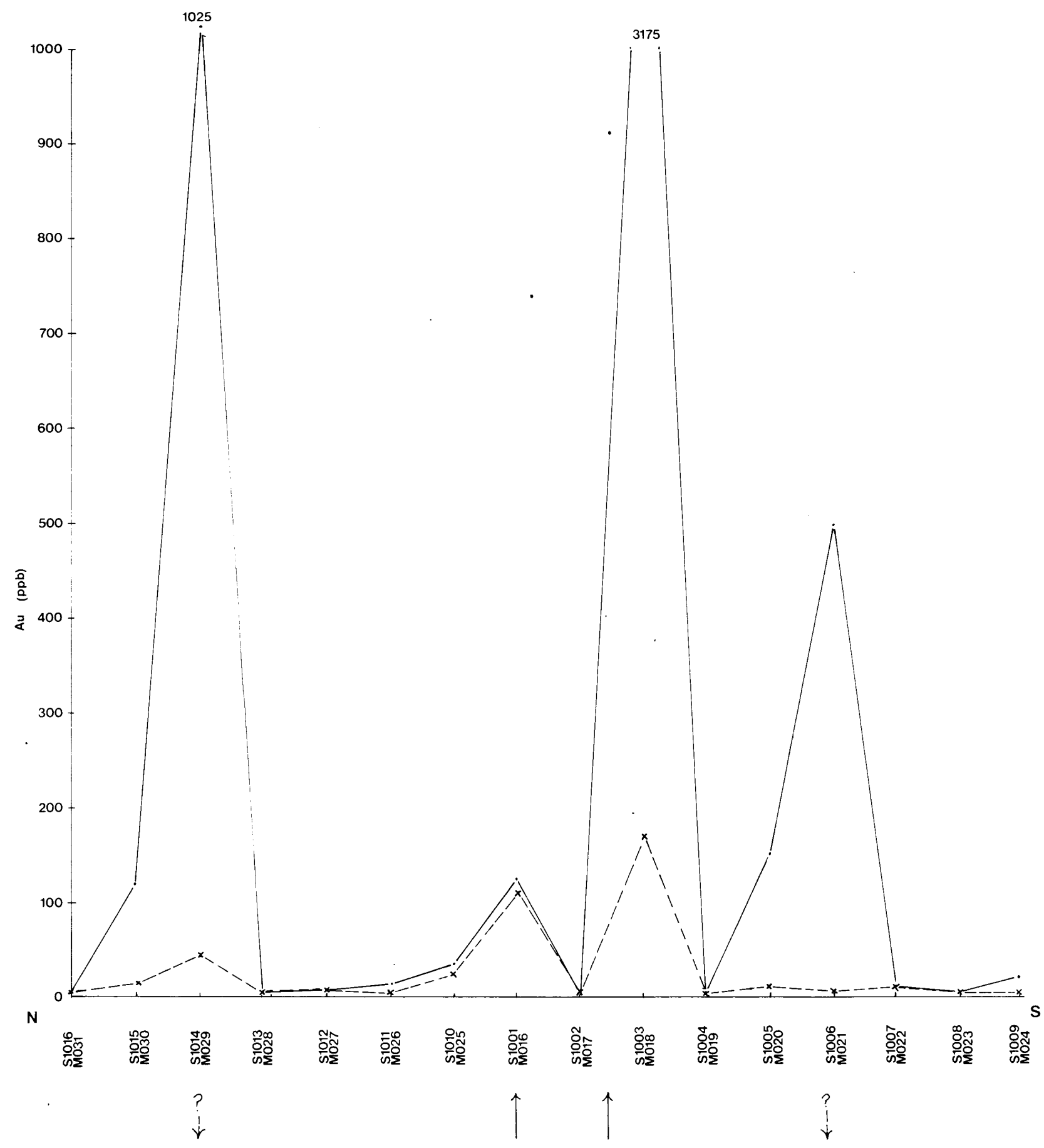


MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO. _____



PORCUPINE ORIENTATION
 Ag, As, Cu, Zn Plot
 (figure 5)

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO. _____



— Au (Soil)
 - - - Au (Mull)

PORCUPINE ORIENTATION
 GOLD PLOT
 (figure6)

Quartz Veins

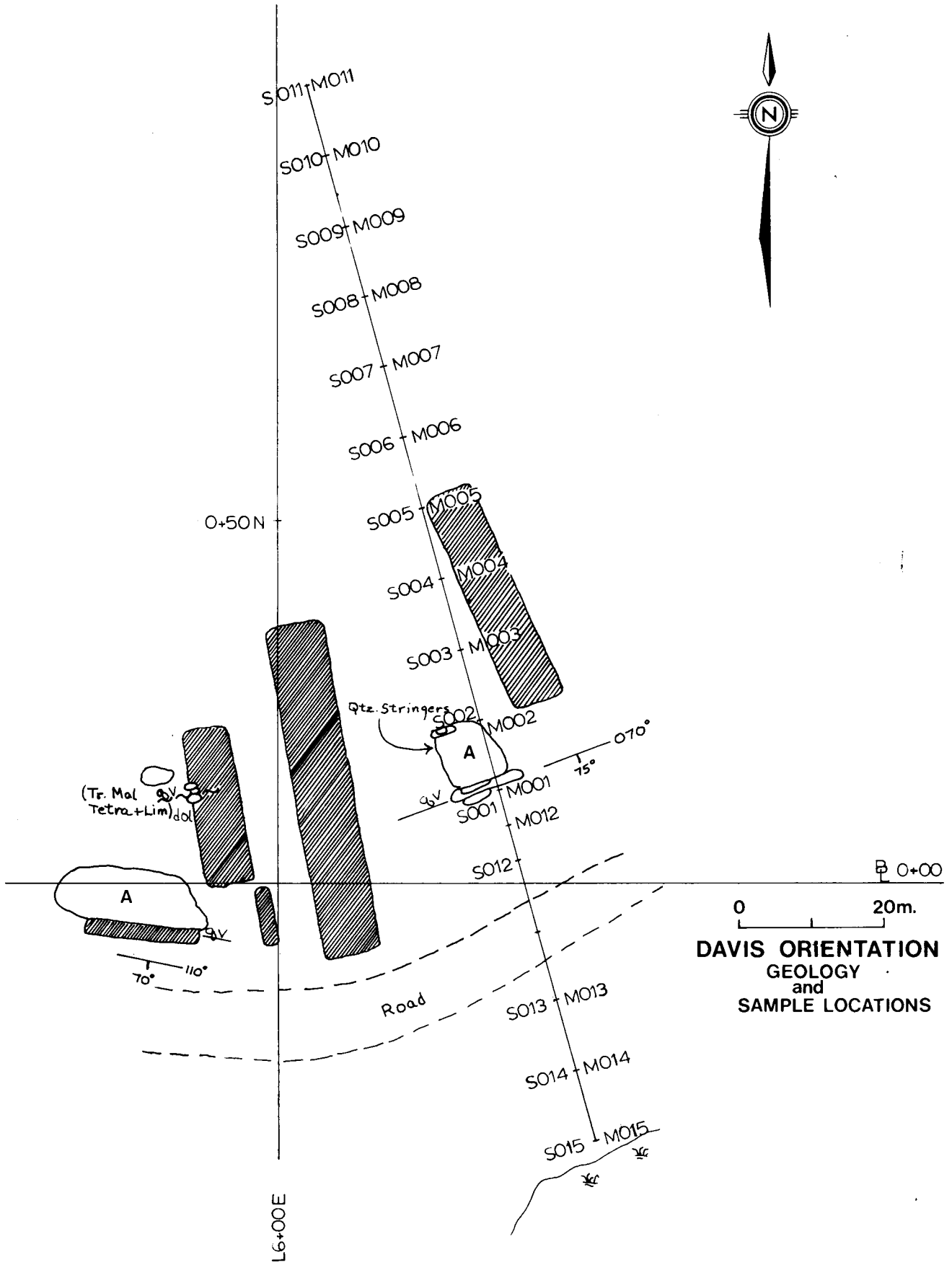
The two known quartz veins covered by the survey line were easily identified by Au, As and Cu in soils and Au in mulls. Ag located one of the two veins. Zn values are considered erratic. Two new, previously unidentified gold-bearing structures occur at sample locations S 1006 and S 1014.

2.A (iii) Davis Orientation

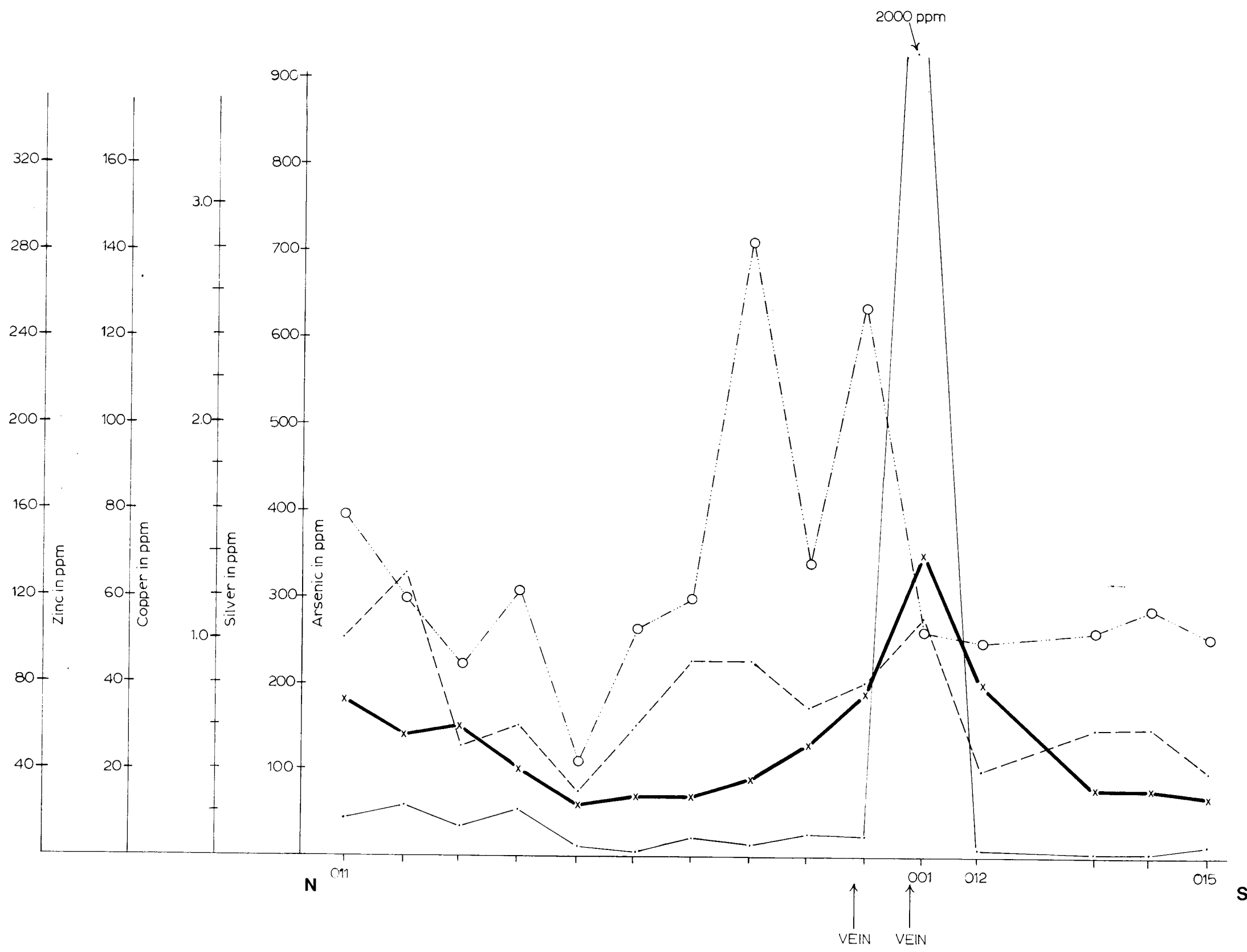
The Davis vein occurs at soil location S 001, Figure #7. The vein has a width of 0.7 metres, strikes northeasterly and dips steeply to the south. Anomalous gold values obtained are attributed to specks of free gold occurring in vuggy fractures near the vein/wallrock contacts.

As, Ag, Cu and Zn soil geochem profiles are located in Figure #8. Figure #9 represents Au geochemical values obtained from soils and mulls.

The vein was identified by Au, As and Cu in soils and by Au in mulls. Ag gave a weak geochem response. Zn values are erratic and show no correlation to the known gold bearing structure. A new Au anomaly, masked by overburden, was located by both soils and mull at locations S 009 and M 008.



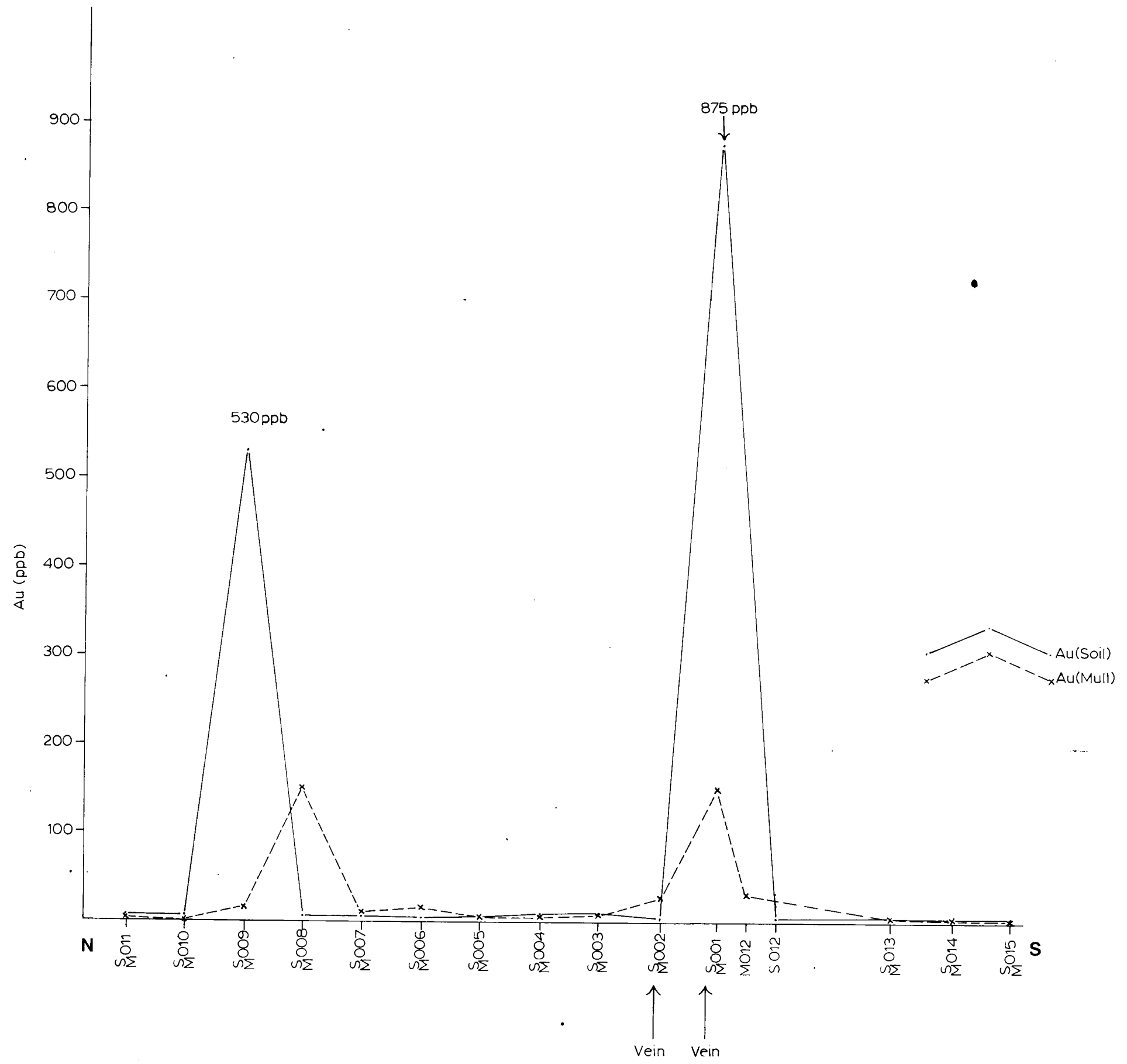
MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
911b
 NO. _____



Ag - - - - -
 As - - - - -
 Cu x - - - - -
 Zn O

0 20metres

DAVIS ORIENTATION
 Ag,As,Cu,Zn Plot
 (figure8)



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____

0 20metres
DAVIS ORIENTATION
Gold Plot
(figure9)

2.A (iv) Lakeview/Goldhill Orientation

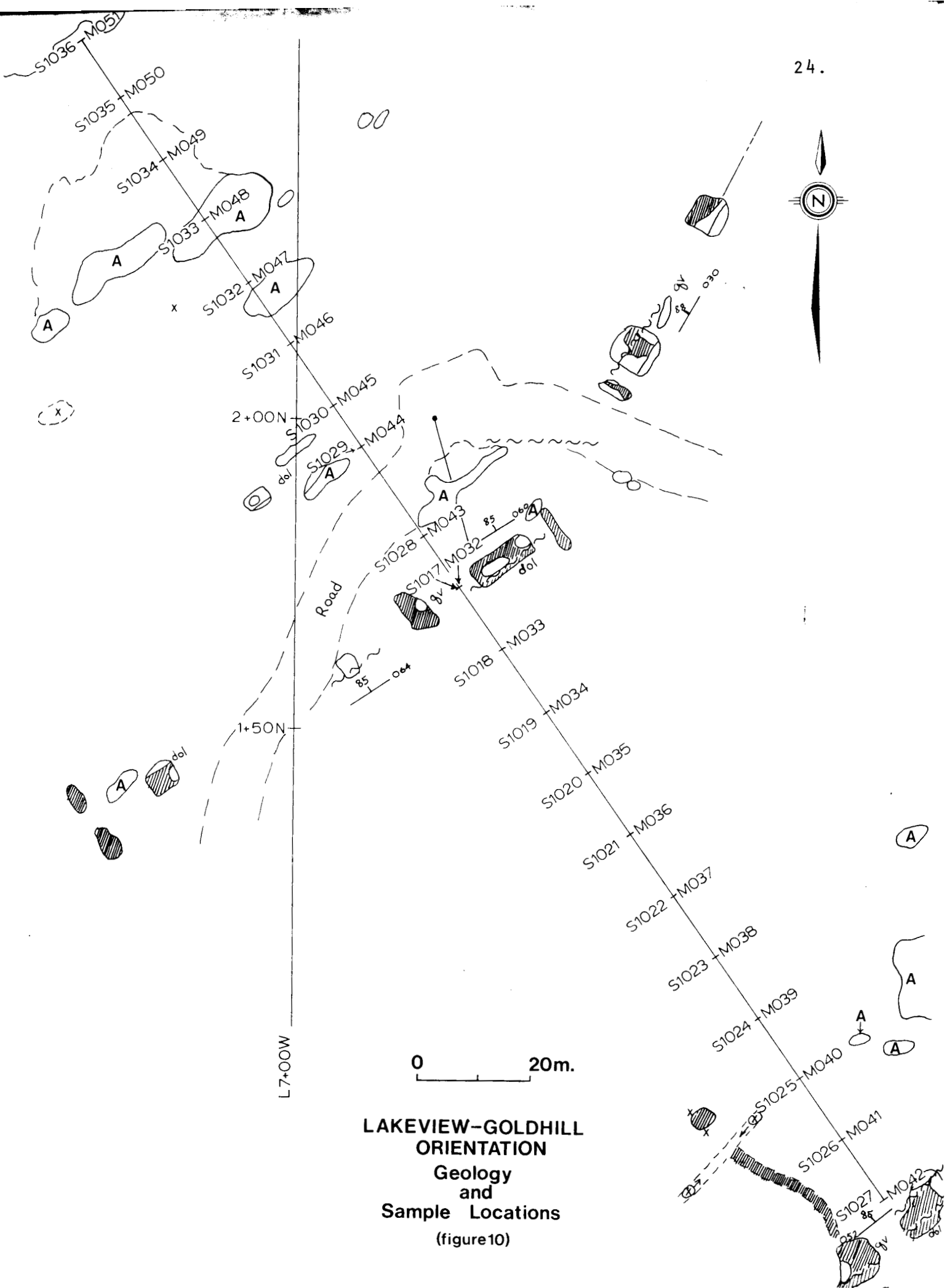
Four known quartz veins were tested by the Lakeview/Goldhill orientation line (Figure #10). Only the vein occurring at soil location S 1017 contains gold values; 0.01 oz. Au and 3.59 oz. Ag across a 1.1 metre sampling width. Au and Ag values are associated with tetrahedrite scattered throughout the vein in a patchwork-like fashion.

Figure #11 represents the As, Ag, Cu and Zn soil geochem profiles. Figure #12 represents the soil/mull Au geochem profiles.

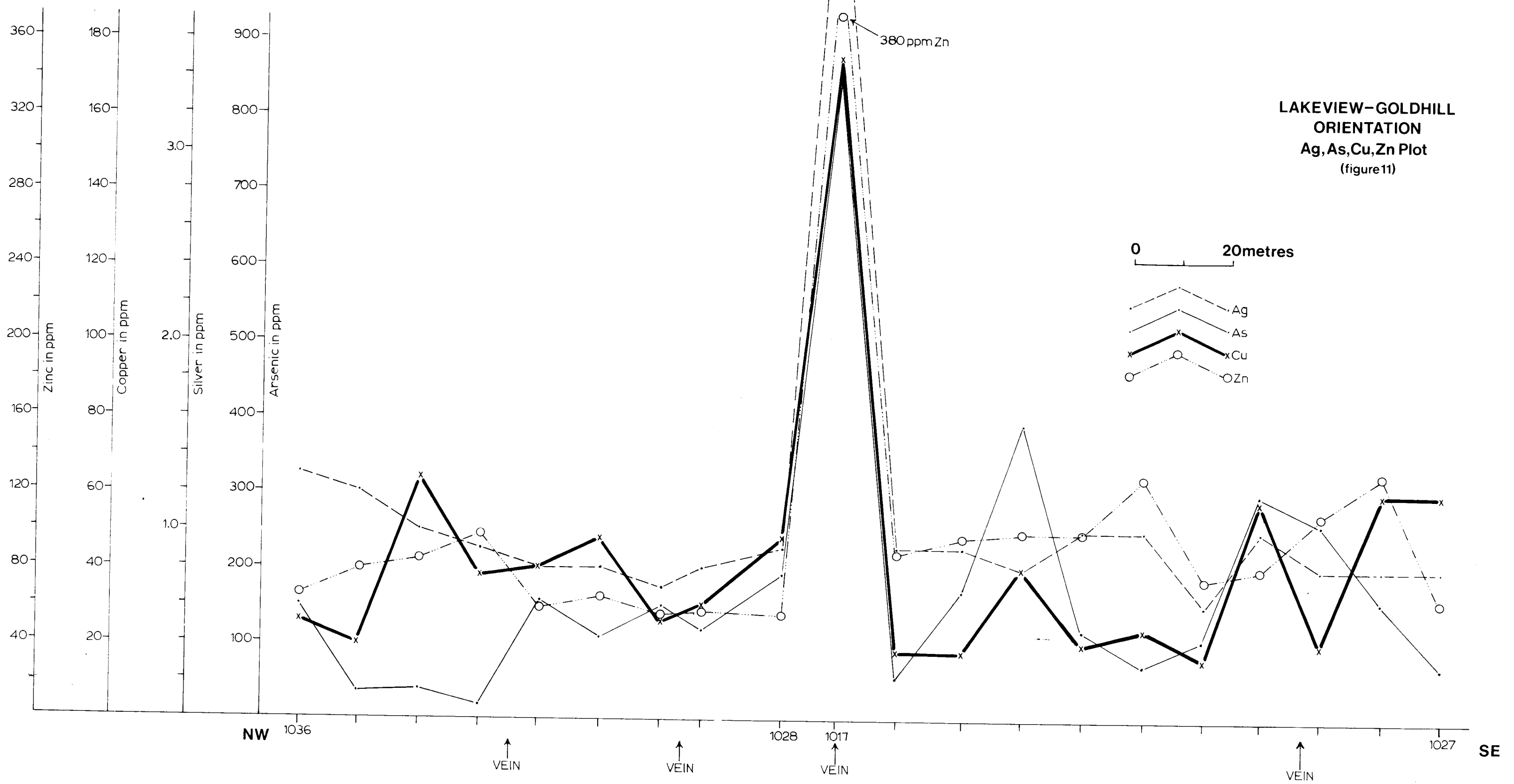
The Lakeview/Goldhill vein, sample location S 1011, was detected by Au in soils though no response was obtained from the mulls. Only the vein at location S 1024 was located by As and Cu. Ag and Zn values are low and not correlative to known vein occurrences. Two new gold anomalies were discovered at sample locations S 1020 and S 1035.

2.A (v) Interpretation of Results

Background and threshold values obtained from the three orientation lines and success ratios of the individual elements are listed below in Table #3.



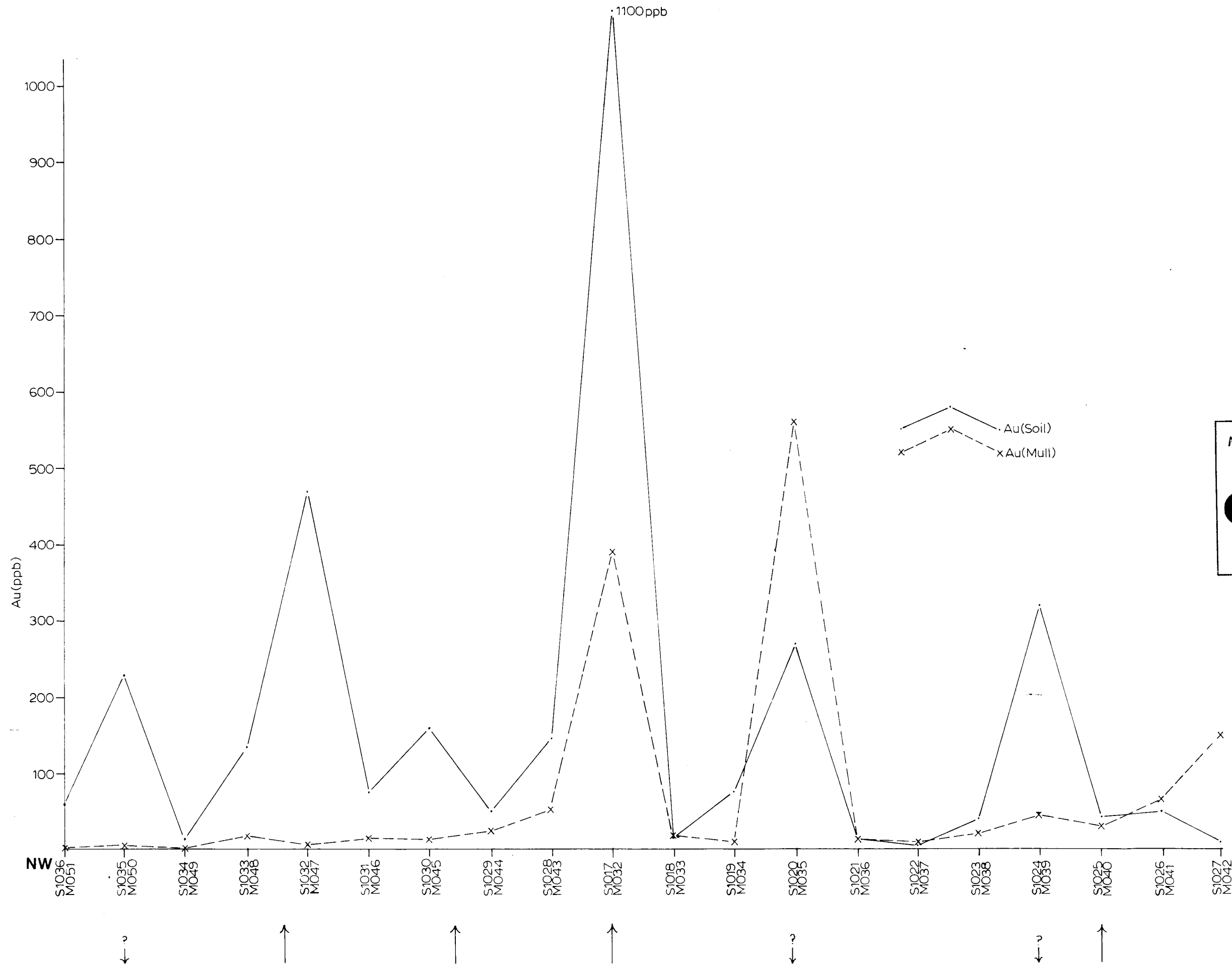
**LAKEVIEW-GOLDHILL
ORIENTATION**
Geology
and
Sample Locations
(figure 10)



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

0 20metres

LAKEVIEW-GOLDHILL
ORIENTATION
Gold Plot



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____

← Known Quartz Veins

TABLE 3
ORIENTATION SURVEY - RESULTS

Element	Success Ratio	Background Range	Threshold
Gold (mull)	4/7 (+3 new)	5-20 ppb	50 ppb
Gold (soil)	7/7 (+5 new)	5-30 ppb	50 ppb
Arsenic	5/7 (+3 new)	150 ppm	300 ppm
Silver	2/7	1.2 ppm	2.0 ppm
Copper	4/7 (+ 1 new)	20-60 ppm	75 ppm
Zinc	2/7	60-120 ppm	200 ppm

Interpreted results obtained from the surveys are:

1. Gold bearing quartz veins are geochemically located by one sample Au highs in both soil and mull. There is no apparent dispersion of gold > 10 metres peripheral to a vein.
2. The success ratio of gold/soil is substantially higher than gold/mull.
3. Au content in soil is generally greater than the respective Au content in mull over known gold bearing structures.
4. Cu and As are useful pathfinder elements in locating gold-quartz veins which do not contain tetrahedrite.

5. Ag in soil is useful in locating veins which do contain tetrahedrite.

6. Zn responses are erratic and generally do not coincide with anomalous Au, As, Ag and Cu values.

7. As is the only element which disperses > 10 metres from a vein.

Results obtained from the orientation survey set the following standards for the 1980 geochemical program:

1. "Only" soil samples, testing the B horizon, were taken on reconnaissance and follow-up grids.

2. Soils were analyzed for As, Ag and Cu. Due to high geochemical costs only anomalous soils were run for Au. Samples taken from the 1979 follow-up grids are all analyzed for gold. Fill-in samples and samples covering altered volcanics, shear zones and quartz vein occurrences on the recon grids were analyzed for gold.

3. Reconnaissance geochem grids were run at 100 metre line spacing with soil samples taken at 20 metre intervals. A fifty metre line spacing and a 10 metre sampling interval was applied to all gold geochem anomalies obtained from the 1979 surveys.

4. The 1979 Follow-up geochem grids were run at a 50 metre line spacing with soil samples taken at 10 metre

intervals. Only the Tailings Pond Grid, covering a broad As/mull anomaly, was established with a 100 metre line spacing and a 20 metre sampling interval.

2.B 1979 Follow-up Grids

2.B (i) Summary

Six follow-up grids were established over small, poorly defined soil/mull anomalies located from 1979 geochem survey. Table #4 summarizes the field work applied to each grid. Grid locations are illustrated on Map #2.

TABLE 4
1979 FOLLOW-UP PROGRAM - WORK SUMMARY

Grid	Geo-chemistry	Geophysics	Line Cutting	Geological Mapping
Lake # 1	52	--	.48	.012
Lake # 2	77	--	.65	.020
Tailings Pond	48	--	1.10	.055
Pump Station	70	--	.75	.028
Lakeview/ Goldhill	203	.7	1.710	.075
Davis- Porcupine	321	.7	3.46	.212
TOTAL	771 soils	1.4 line km	8.15 km	.4 km ²

2.B (ii) Lake #1 Anomaly

Objective: To test a two line soil and mull copper/silver anomaly; location - lines 9+00E and 10+00E, stations 2+50S-4+25S.

Geology: The grid area is underlain by black Sylvester group argillites. Argillite outcrops are scarce. Much of the survey area is blanketed by rounded glacial debris (map #3). Subangular to subrounded limonite stained bull quartz float was noted on line 10+00E:3+20S and line 9+50E:3+50S.

Geochemistry: Coincident anomalous copper (106-140 ppm) and silver (2.4-5.5 ppm) values occur on lines 9+00E and 10+00E. The anomalies have not been traced to a definite bedrock source. Only one anomalous Au value of 120 ppb was obtained; sample location 10+00E:2+90S. No arsenic anomaly exists in the survey area.

2.B (iii) Lake #2 Anomaly

Objective: Evaluate the extent of anomalous copper and silver values obtained from soil and mull samples on lines 1+00E and 2+00E:200 metres south of baseline 0+00.

Geology: The grid area is flat and marshy. No outcrop, float or glacial debris was located.

Geochemistry: Only one anomalous Au value, 450 ppb, occurs in the survey area: location - L 3+00E:2+40S. No Cu, As or Ag anomalies were delineated. It should be noted that Erickson Creek, draining the mine's tailings pond, traverses the grid area in a north-south direction along Line 1+00E.

2.B (iv) Tailings Pond Anomaly

Objective: To test a broad arsenic anomaly in soils, south of the E.G.M.C. tailings pond.

Geology: The grid area is flat and humocky. No outcrop was located.

Geochemistry: The geochemical responses obtained from all elements are considered low and do not substantiate the arsenic anomaly located from 1979 mull sampling.

2.B (v) Pump Station Anomaly

Objective: Evaluation of a three line gold/mull anomaly on lines 6+00W, 5+00W and 4+00W. The highest gold value from the 1979 geochem survey, 6800 ppb Au, is located on line 5+00W:1+00S.

Geology: The grid area is underlain by massive Sylvester Group andesite flows. No evidence of flow structures, brecciation, structural disruption, alteration or veining is discernible.

Geochemistry: Soil sampling failed to verify the 6800 ppb Au/mull anomaly on line 5+00W. Moderately anomalous Au (85-150 ppb) and As (270-870 ppm) values on lines 6+00W, 5+00W, 4+50W and 3+50W:stations 0+90S - 1+10S suggest the presence of an east-west trending low grade gold bearing structure masked by overburden. No anomalous Ag and Cu values were obtained.

Hand trenching of the 1979, 6800 ppb Au mull anomaly, encountered rounded glacial gravels to a depth of 2.0 metres.

Bedrock was not reached. Geochemical responses from the trench soil profile were low.

2.B (vi) Lakeview/Goldhill Anomaly

Objective: A series of tetrahedrite bearing quartz veins are located northwest of the Erickson mill and south of McDame Lake. Geochemical results from mulls in the 1979 survey failed to define a coherent anomaly coincident with the mineralized veins. A soil geochem grid was established to re-evaluate the showings.

Geology: The geology, vein locations and attitudes, and assay results of the grid are presented on map #17.

The survey area is underlain by massive, aphanitic, locally tuffaceous andesite flows. A series of northeast trending steeply dipping quartz veins, parallel to the main jointing plane, have sheared and dolomitized the volcanics in the central portion of the grid. Veins vary in width from 0.7 to 2.0 metres. Strike lengths have not been defined. The veins pinch out in the volcanics to the east and are lost in overburden to the west. A north-south trending vein, heavily mineralized with fine grained

disseminated subhedral pyrite (10-15%) occurs along line 6+50W. Trenching has proven a 200 metre strike length for the unit. It is truncated by a fault to the south and strikes into McDame Lake to the north.

Veins along line 7+00W at stations 3+05S, 3+27S, 4+10S and 4+50S contain tetrahedrite. Silver values obtained from chip sampling range from 3.59 - 18.35 oz./ton. Gold assays are generally low; 0.01 - 0.098 oz/ton. Specks of native gold were discovered at trench location; 6+80W: 3+17S. Gold values from chip samples testing the vein parallel to line 6+50W are dependent on the pyrite content in each sample. Assays vary from 0.004 - 0.122 oz. Au/ton. Silver content is negligible.

Erickson Gold Mining Corp. tested the anomaly with three drill holes in 1977. Drill results were poor. Sections of altered pyritic volcanics were not assayed. At this time the anomaly has not been fully evaluated by diamond drilling.

Geochemistry: The survey area is highly anomalous in Au (100-1750 ppb) and As (200-3000 ppm); map #19. Anomalies tend to be broad, 30-70 metres, correlating well with vein occurrences and sections of altered volcanics.

Copper and silver geochem failed to delineate the tetrahedrite bearing quartz veins. Only the north-south trending vein along L6+50W has anomalous Cu/Ag values associated with it.

Geophysics: No VLF-2 E.M. anomalies were defined by the survey.

2.B (vii) Davis - Porcupine Grid

Objective: The 1979 geochem survey located an arsenic in soil anomaly on line 1+00E and a two sample "gold in mull" anomaly northeast of the Davis vein. Diamond drilling in 1975 and 1977, south of McDame Creek, intersected several sections of altered pyritic volcanics cut by quartz stringers anomalous in gold. The Davis and Porcupine veins both contain native gold in outcrop. A grid was established over the area to cover all known showings; map #21.

Geology: The grid is underlain by grey green aphanitic to sandy textured andesite flows and tuffs. No flow structures were noted. Discontinuous rinds, possibly representing flattened or irregular shaped pillows, occur in outcrop north of the Davis vein and directly south of McDame Creek. Evidence of

structural disruption occurs on lines 1+50E and 2+00E where the volcanics have a sub-brecciated or crackle texture. Traces of disseminated pyrite, angular quartz fragments and grey smokey quartz stringers frequent the fractured zone.

Quartz veins within the western and southeastern portions of the grid are controlled, for the most part, by jointing. Veins generally strike to the northeast, dipping steeply along the dominant joint trend.

Veins occurring within the western portion of the grid contain tetrahedrite. Silver and gold values obtained from channel sampling are low; 0.02-0.57 oz. Ag and 0.001-0.007 oz. Au/ton. Only the Porcupine vein contains appreciable silver and gold; 3.12 oz. Ag and 0.110 oz. Au/ton across a 2.1 metre sampling width. Strike lengths are indefinite due to overburden coverage to the east and McDame Lake to the west.

The Davis vein, at grid location 6+25E:BL0+00N, follows a curved joint plane. Specks of free gold within the vein are restricted to vuggy fractures near the vein/wall rock contacts. Drilling by New Coast Silver in 1975, DDH 75-7, gave an assay of 1.020 oz. Au across 0.6 metres. The vein strike length is indefinite due to deep overburden coverage to the west and east; in excess of 15 metres.

Diamond drilling in 1975 and 1977

south of McDame Creek has delineated several sections of altered, pyritized volcanics cut by quartz stringers. A table of assays obtained from drilling and surface projections of the intersections are presented on map #21. The depth of overburden for holes 75-6, 77-45 and 77-46 is in excess of 25 metres. In DDH 77-46 magnetite is associated with alteration, the only known occurrence of magnetite on the property to date. Drill hole 77-48, at grid location 0+60W:0+80N, tested the Porcupine vein. Assays are low; 0.035 oz. Au and 0.20 oz. Ag across a 4.0 metre sampling width.

Geochemistry: Gold and arsenic geochem successfully located the Davis and Porcupine veins. Silver in soil was only effective in locating the tetrahedrite bearing veins. Copper values are low. Throughout the central portion of the grid, anomalous Au/As geochem is associated with small sections of dolomitized volcanics. The geochemical response at location 2+50E:1+40N, 1025 ppb Au and 6450 ppm As, coincides with a northeast trending VLF-2 EM conductor. This may add 200 metres to the strike of the Porcupine Vein.

Geophysics: Dip angle profiles show a weak conductive feature coincident with the Porcupine vein

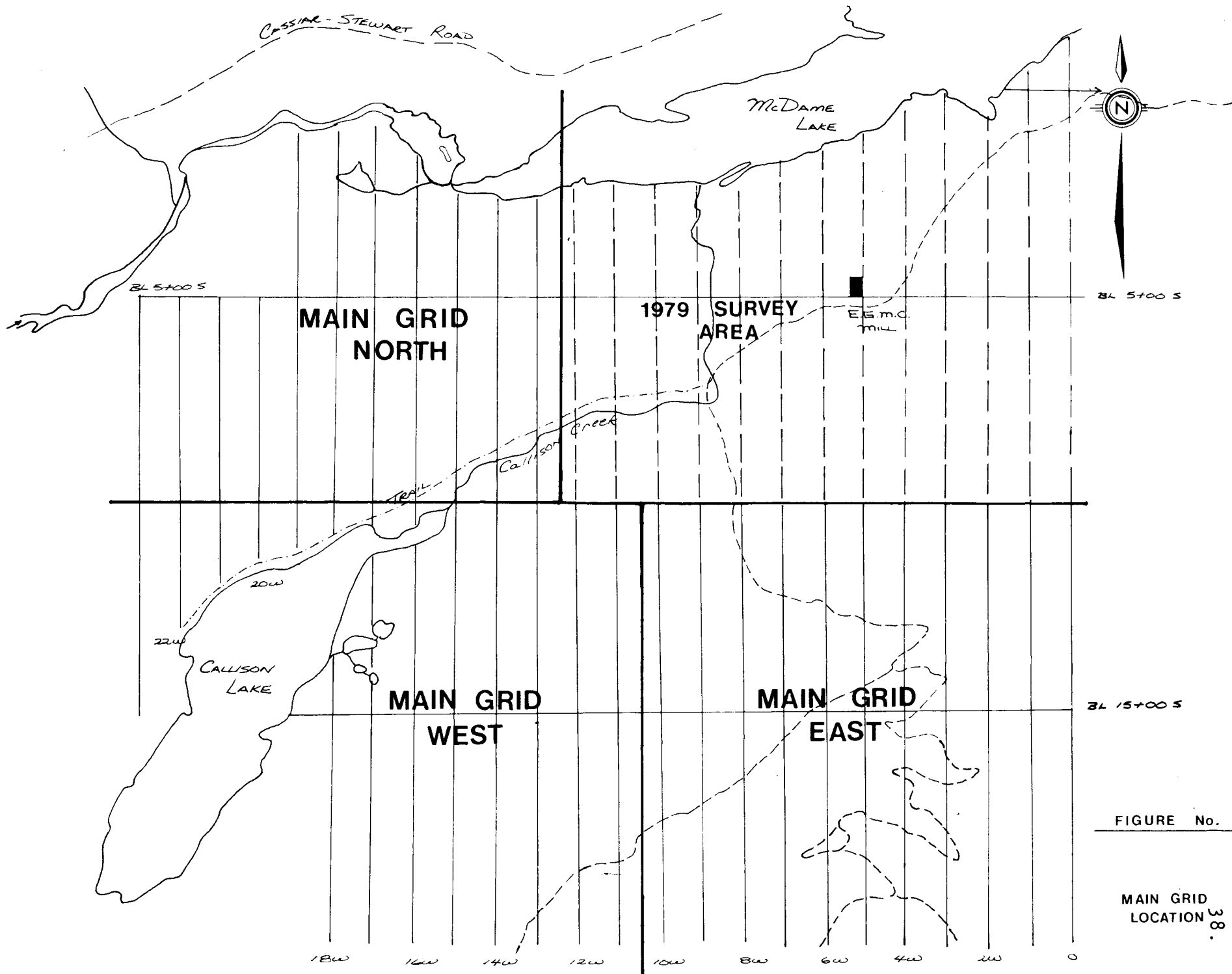


FIGURE No. 13

MAIN GRID
LOCATION 30

system. Contoured dip angle data (Map 416) indicates that the vein system may extend along the length of the grid; see Appendix D.

2.C Main Grid

2.C (i) Summary

The Main Grid was established to test a thick sequence of Sylvester Group basic volcanics, south of McDame Lake and east of Callison Lake. The survey area is divided into three sections; Main Grid - North, Main Grid - West and Main Grid - East; figure #13. A list of field work applied to the entire grid is presented in Table #2.

2.C (ii) Geology

Main Grids - North and West are entirely underlain by Sylvester Group basic volcanics. Only the southeastern portion of Main Grid - East contains sedimentary rock. The geology for each section is presented on maps 29, 33 and 37. Main Grid volcanic rocks comprise a thick sequence of massive grey-green, aphanitic andesite flows and tuffs. The extremely fine grained generally structureless nature of the units makes it difficult to differentiate between individual members of the volcanic pile. Primarily tuffaceous sections, as seen in Main Grid - North, trend to the northwest.

A steeply dipping, northeast trending jointing pattern is evident throughout the volcanic sequence. Locally, an older northwest trending pattern was identified.

Scattered outcrop of andesite (brecciated) were noted in Main Grids - North and West. The attitude of brecciation is to the northwest. A correlation could not be made from outcrop to outcrop, establishing the brecciated volcanics as definite stratigraphic units. South of Callison Lake and Callison Creek a "crackle" or sub-brecciated texture was identified in both flows and tuffs. Fragments are partially offset and cemented by a fine grained, green-black, intensely chloritic mud-like matrix. The andesite (brecciated) may be an advanced stage of this "crackle" texture.

Two large, northeast trending, silicified shear zones or "explosion" breccias have been delineated. The northern zone, 200 x 400 metres, is located in Main Grid - North, south of Callison Creek. The second zone, 60 x 500 metres, occurs 450 metres to the south. Both zones contain approximately 75% shattered, intensely dolomitized volcanic fragments within a fine grained grey-blue silica-pyrite matrix. Gossanous, 0.5-1.0 metre, crosscutting faults

frequent both areas. The intensely fractured, disruptive nature of these units implies violent invasion of siliceous brecciating fluids along major structural breaks. The quartz veining within the zones are fault controlled and post brecciation. Evidence of downfaulting associated with the brecciation is presented in Main Grid-East where silicified blocks of argillite occur along the shear zone/andesite southern contact. A similar block of silicified sediments occurs on line 15+00W:1+80S.

Four bands of altered andesite parallel the silicified shear zones. Sources for the pyrite-carbonate-silicification type alteration have not been defined due to the paucity of outcrop.

East of Line 6+00W there is a notable decrease in outcrop abundance. This portion of the grid is underlain by black Sylvester Group argillites and siltstones. The sedimentary package overlies the volcanic rocks.

Two types of intrusive rock were discovered in the survey area. A grey black, fine to medium grained diabase dyke occurs at grid locations 11+00W:20+80S. The attitude of the dyke could not be delineated due to overburden coverage.

A poorly defined, altered ultramafic (?) is located on lines 7+00W and 8+00W:11+00S. The unit was discovered from the trenching of gossanous, intensely weathered, mariposite bearing sub-outcrops, 100 metres west of Erickson Creek. Rock composition is primarily alternating bands of ankerite, quartz, carbonate-mariposite and pyrite-arsenopyrite. Dimensions of the body are unknown due to overburden coverage to the north and east.

2.C (iii) Alteration and Mineralization

Mineralization in Main Grid - North is restricted to two tetrahedrite bearing quartz veins south of McDame Lake and to a large pyritic silicified shear zone south of Callison Creek.

The quartz veins strike northeasterly into McDame Lake and are lost in overburden to the southwest. A chip sample assay of 0.004 oz. Au and 2.13 oz. Ag/ton over 0.6 metres was obtained from the northernmost vein. Assays from the southern vein are poor.

Low anomalous gold values; 0.002-0.019 oz. Au/ton (Figure 13A); were obtained from channel samples testing the shear zone. Gold content appears to be dependent on the pyrite content in each sample. Trenches illustrated on map #25 were completed by Cominco in 1939. A north to northeast trending series of quartz veins cuts through the shear zone in several locations.

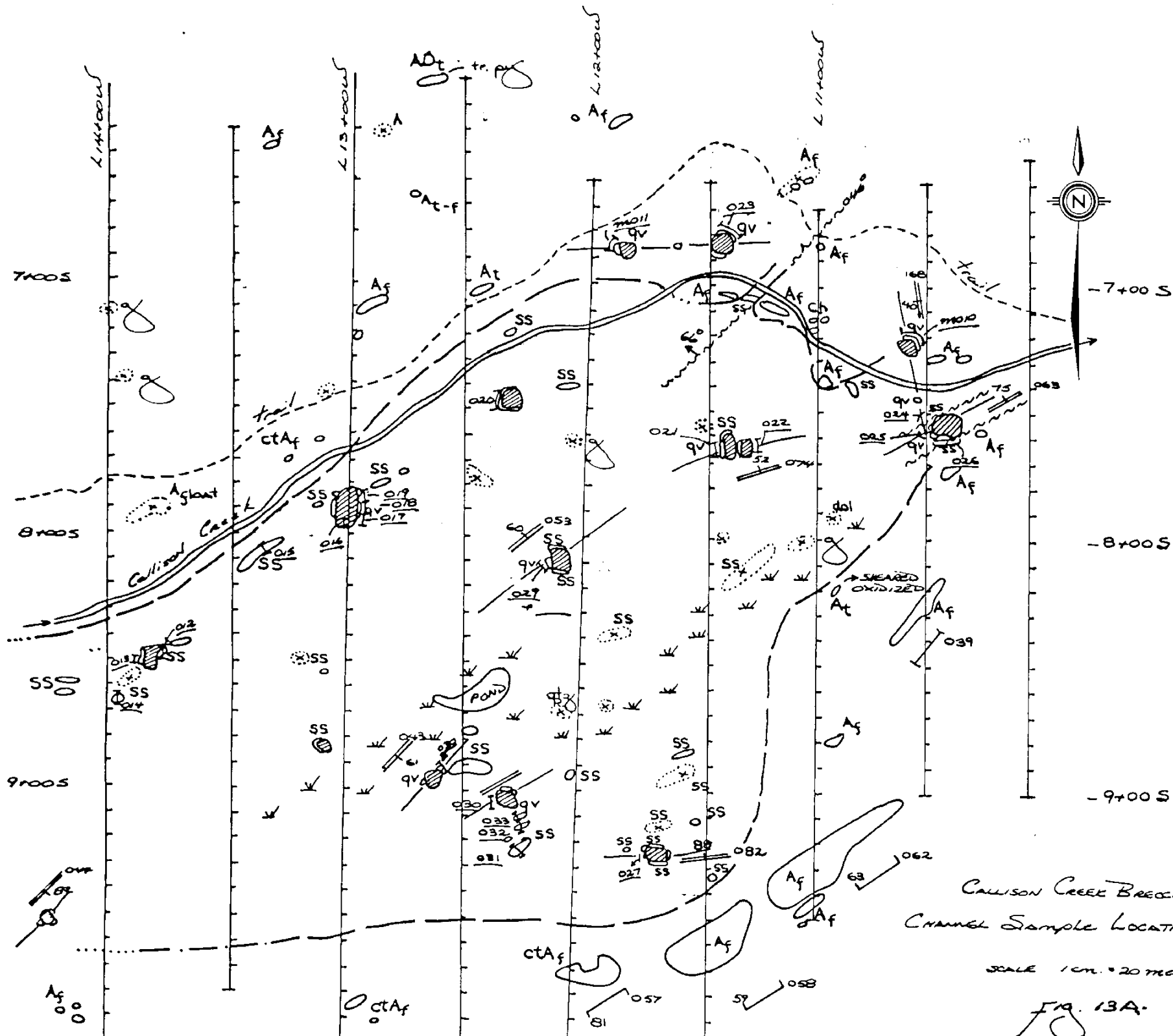


TABLE NO. 5CALLISON CREEK BRECCIA ZONESLIST OF ASSAYS

<u>SAMPLE NO.</u>	(Meters) <u>WIDTH</u>	<u>Au OZ./TON</u>	<u>Ag OZ./TON</u>
M010	3.0	.019	.06
M011	1.0	.012	.08
012	2.0	.004	.03
013	2.0	.009	.04
014	0.7	.007	.02
015	0.8	.010	.03
016	1.0	.010	.02
017	1.5	.018	.02
018	1.5	.002	.01
019	1.0	.019	.02
020	2.0	.003	.06
021	2.0	.009	.02
022	1.5	.019	.02
023	2.0	.006	.01
024	2.0	.002	.05
025	0.8	.011	.02
026	2.0	.010	.02
027	1.5	.003	.02
028	1.0	.016	.01
029) Same	1.7)	.012)	.03)
1034) location	2.1)	.172)	.05)
030	1.0	.011	.02
031	1.0	.009	.01
032	1.0	.002	.02
033	1.0	.001	.02

Only the vein at grid location 12+10W:8+00S has appreciable gold values; 0.172 oz. Au/ton across a 1.5 metre sampling width. Vein strike lengths could not be defined as much of the area is flat and marshy.

Four northeast trending bands of dolomitized volcanics and a 60x500 metre shear zone traverse Main Grids East and West. These units are coincident with a series of air photo linears, extending from Callison Lake to McDame Creek.

The southern shear or breccia zone located across line 10+00W to 14+00W differs somewhat from the zone 450 metres to the north. Stockworks of white bull quartz stringers commonly shatter the volcanics. Trace fragments of graphitic argillaceous material were noted within the numerous trenches testing the showing. Surface gold assays vary from Tr.-0.057 oz. Au/ton. Silver assays are negligible. Cominco tested the zone in 1939 with five shallow BQ drill holes. Consistent values of Tr.-0.03 oz. Au/ton were obtained from the drill program.

The four parallel bands of altered volcanics are poorly defined. Outcrop occurrences have failed to define definite boundaries for the altered zones. Although trace quartz stringers were identified in

outcrop, no large structures anomalous in gold or silver were discovered. A detailed trenching program is required to firmly evaluate this area.

2.C (iv) Geochemistry

Geochemical results are plotted on histograms, normal probability plots and scattergrams (Appendix E) and geochem maps (27, 28, 31, 32, 35, 36).

Estimated background and threshold values are listed in Table #6.

TABLE #6

	BACKGROUND RANGE	THRESHOLD
COPPER	10 - 40 ppm	90 ppm
ARSENIC	5 - 60 ppm	200 ppm
SILVER	0.5 - 1.5 ppm	2.5 ppm
GOLD	5 - 25 ppb	100 ppb

Only choice soils were analysed for gold. Estimated background and threshold values are representative of a limited sample set.

Geochemical Results

Main Grid - North

(a) Callison Creek Breccia Zone

Primarily a Au/As anomaly along lines 10+00 W to 14+50 W; 7+00 S to 9+00 S. Spotty gold highs (195 - 3100 ppb.) and arsenic highs (226 - 1450 ppm.) occur throughout the zone. The surveyed area has not been properly evaluated by soil geochem due the flat, marshy character of the terrain.

(b) L 11+50W: 6+80 S

One sample Ag (3.2 ppm.) Cu (137 ppm.) high occurring along an east-west trending weakly pyritic quartz vein. Trenching has defined a 4.0 metre width and 50 metre strike length for the unit. The vein is lost in overburden to the east and west.

(c) L 16+00W: 1+40 - 1+50 S

A 2 sample gold/arsenic anomaly along a north-south trending, 0.7 metre quartz vein. The vein strikes through a beaver pond to the north and is lost in a talus dump to the south. No strike length could be defined. An assay of .048 oz Au and 0.77 oz. Ag was obtained across a 0.7 metre sampling width.

(d) L 15+00W: 2+50 - 3+00 S

A 5 sample Au (195 - 2250 ppb.) As (226 - 1450 ppm.) anomaly attributed to a northeast trending, steeply dipping, 0.7 metre, tennantite bearing quartz vein. Values of .004 oz. Au and 2.13 oz Ag were obtained across a 0.7 metre sampling width. Much of the vein structure has collapsed along line 16+00W. The 50 metre soil geochem anomaly is credited to Au/As enrichment from mineralized float at the sample sites.

(e) L 18+00 W: 0+60 S

One sample arsenic anomaly; 690 ppm..

(f) L 14+50 W: 2+30 S

One sample gold anomaly; 240 ppb..

(g) L 14+00 W: 3+60 S

Gold/arsenic anomaly; 180 ppb. Au, 600 ppb As.

(h) L 18+00 W: 0+40 S; L 17+00 W: 0+60 S; L 19+00 W: 3+60 S and 3+80 S; L 13+00 W: 3+80 S and 3+20 S

One sample copper high; 102 - 260 ppm.

(i) L 13+50 W: 2+30 S

One sample gold high; 230 ppb..

MAIN GRID - WEST

(a) L 16+00 W: 11+80 S

One sample Au (12,000 ppb.), As (970 ppm.), Ag (4.4 ppm) and Cu (121 ppm.) high. The sample was taken 1.0 metre south of a 0.6 metre northeast trending white bull quartz vein. Coarse euhedral pyrite was noted within the dolomitized wallrock. No sulfides occur within the vein. The source for the soil anomaly has not been delineated. Four chip samples were taken across the vein and altered wallrock. No anomalous Au or Ag values were obtained.

(b) L 16+00 W: 11+20 S

One sample silver anomaly; 3.0 ppm.

(c) South Breccia Zone.

Anomalous arsenic geochem; 510 - 1050 ppm; was obtained from soils testing the zone along lines 13+00 W to 10+00 W. No anomalous Au values were obtained from soils although chip samples testing the unit varied from Tr - .057 oz Au. Copper and silver geochemical responses are low.

(d) L 18+00 W: 19+20 S

One sample silver anomaly; 3.0 ppm.

(e) L 11+00 W: 15+00 S - 16+00 S; L 14+00 W: 17+40 S;
L 18+00 W: 18+00 S

Above background copper highs. Values range from 92 - 168 ppm.. Sources of the copper anomalies could not be defined. The geochemical responses may reflect slight increases in background values of Cu in the underlying basic volcanics.

(f) L 12+00 W: 10+80 S

One sample Au (240 ppb.) anomaly.

MAIN GRID - EAST

(a) Switchback Anomaly

A series of Au/As anomalies occur along lines 10+00 W to 16+40 S. The anomalies are in part coincident with 4 northeast trending bands of altered Sylvester Group volcanics (map# 33). Gold values vary from 100-3500 ppb. Arsenic varies from 200-9000 ppm.. The highest gold anomaly located from the 1980 geochem program; 17,500 ppb.; occurs at grid location 17+00 W: 12+60 S. Sources for the many gold anomalies have not been defined due to the paucity of outcrop. A detailed trenching program is required to evaluate the area.

(b) L0+00 W: 20+20 S and 20+40 S; L 1+00 W:

18+80 S

Above background silver anomalies; 2.6-3.3 ppm.. The sample sites are underlain by Sylvester Group black argillites. Anomalous Ag values may reflect a higher background of silver in sedimentary rocks than that obtained from the volcanics.

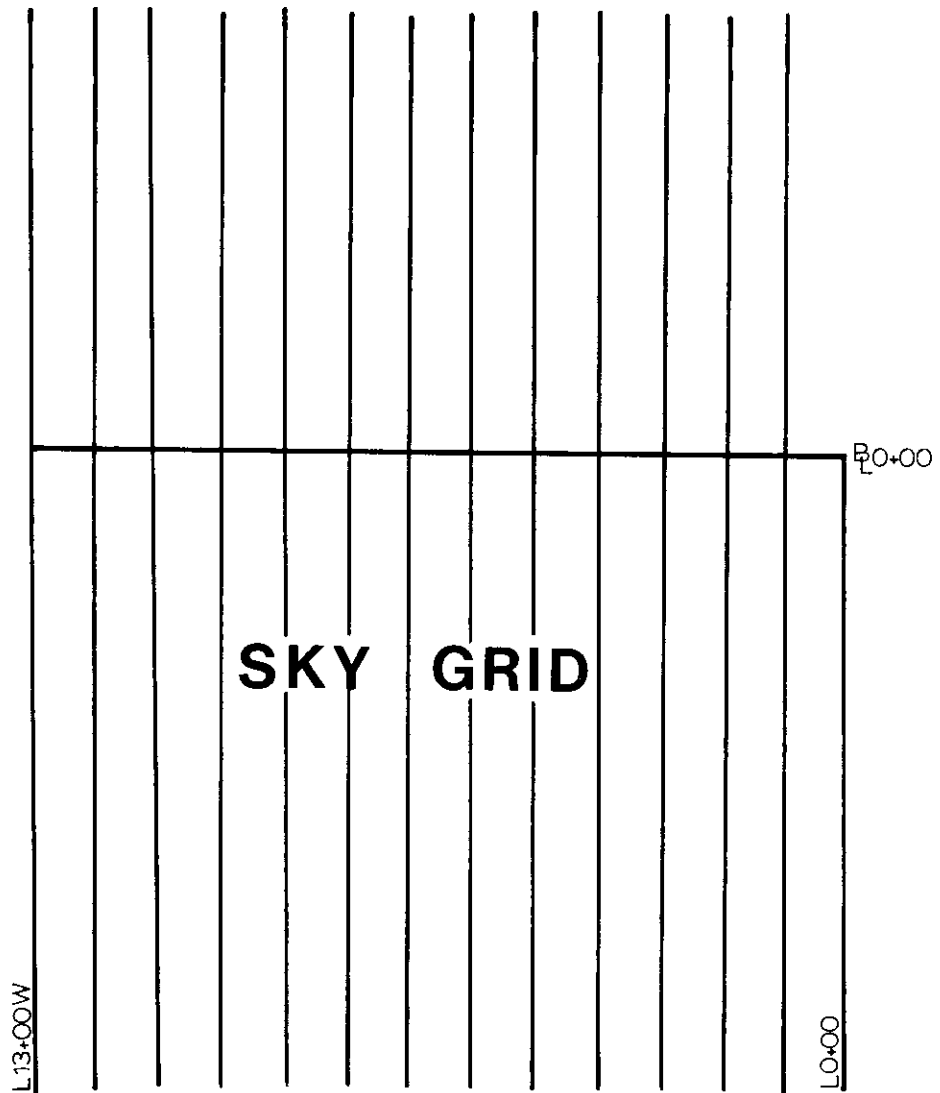
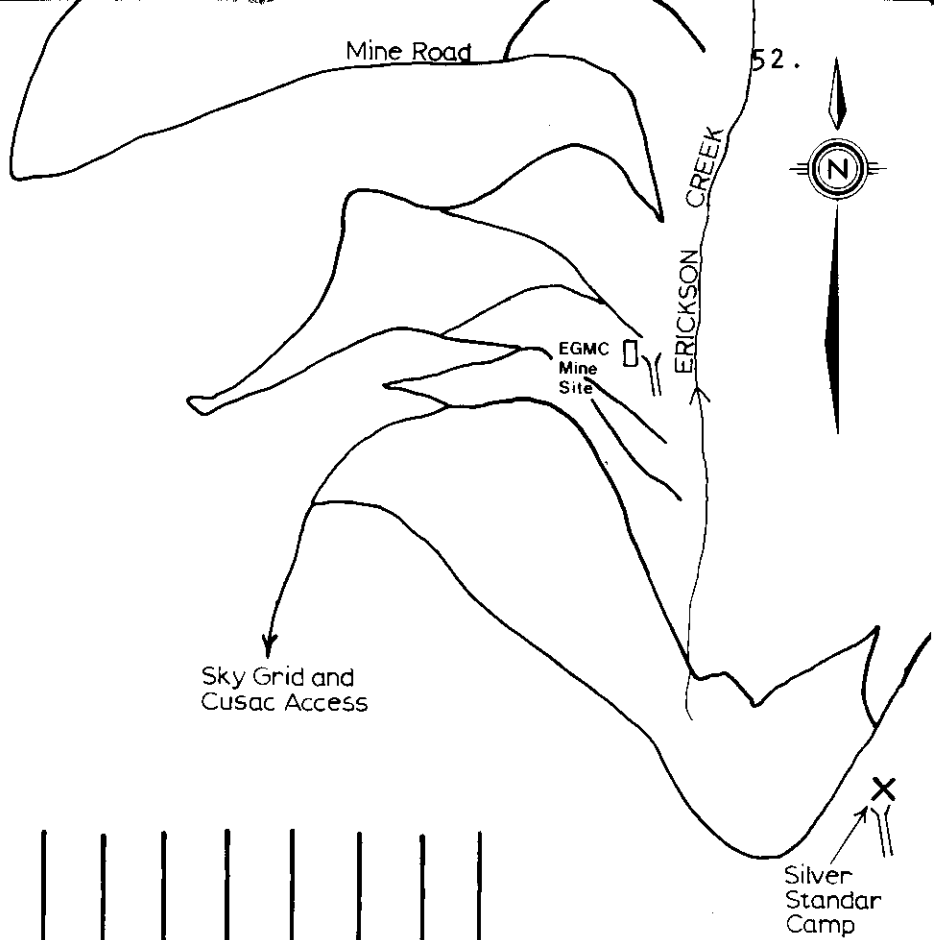


figure14
 SKY GRID
 LOCATION

2.D Sky Grid

2.D (i) Summary

The Sky Grid tested a section of Sylvester Group volcanics and sediments south of the area of exclusion with Erickson Gold Mining Corp. and north of the Cordoba claims, presently being explored by Cusac Industries Ltd. The objective of the program was to geochemically evaluate the area for a northern continuation of the gold-silver veins on the Cusac property and for a possible western extension of the Vollaug vein along the crest of Table Mountain. A summary of work applied to the grid is contained in Table No. 2. Figure #14 is a location map for the area.

2.D (ii) Geology

Sky Grid geology is presented on map #37. The stratigraphic section illustrated on the map pertains to the Sky Grid only and is not totally indicative of the geology or structural history of the Main Grid. The abundance of outcrop decreases notably south of baseline 0+00 where much of the grid is flat and marshy. North of baseline 0+00 the grid is above treeline and the geology is more definitive.

Northern and western portions of the grid are underlain, primarily by extremely fine-grained, pale green Sylvester Group andesites. The dark grey-brown weathering

character of the unit disguises most structures. Faint rinds of well developed pillows were observed in outcrop along lines 6+00W, 7+00W and 8+00W, north of the base line. The volcanics lack the ruptured crackle-like texture identified on the Main Grid.

A sedimentary sequence of greywacke, black argillite, sandstone and siltstone overlies the andesites. North of baseline 0+00, along the Table Mountain ridge, the volcanics form the core of an anticline, trending at 100° . An irregular 1-5 metre chert bed caps the basic volcanic pile. This unit is considered to be a siliceous sediment occurring along the andesite-greywacke contact. Sediments located on lines 1+00W to 4+00W represent the southern limb of the anticline. Northeast and northwest trending, steeply dipping jointing patterns are present in both volcanic and sedimentary rocks. Cleavage within the argillites strikes northwest, dipping moderately to the southwest. Flattened clasts of greywacke lie in the cleavage plane which is parallel to bedding. Cleavage is considered to be a parting along the bedding plane although depositional surfaces are not readily identified.

Black argillites underlie the southwest portion of the survey area. Cleavage and/or bedding planes are

often kinked, folded and contorted. Dominant structural trends have shifted from a 315° attitude in the north to a $350-360^{\circ}$ attitude in the south.

A massive, porphyritic sub-volcanic intrusive (?); strike 160° , dip 45° S; has cut through the argillites and wackes along base line 0+00;6+00W - 9+50W. This unit has an intrusive texture, appearing in hand specimen as a medium grained diorite. Rafts of weakly chloritized shale/argillite were noted along the basal contact of the andesite porphyry to the underlying sediments. The unit appears to be similar to "Type 3 greenstones", the suggested metamorphosed equivalents of the normal Sylvester Group basic volcanics (G.S.C. memoir 319, McDame Map Area). Metamorphism of these rocks may be related to the emplacement of ultramafic bodies in the survey area.

2.D (iii) Alteration and Mineralization

North of base line 0+00, quartz vein occurrences are restricted to the northeast portion of the grid. Vein widths are generally less than 0.5 metres. Strike lengths are less than 150 metres. Gold and silver assays obtained from chip samples are low. The area shows no potential for future exploration.

The intensely dolomitic gossanous unit at grid location 9+00W:6+00N is somewhat similar to the altered

ultramafic located on Main Grid-East. Oxidation and shearing of outcrop has eradicated original rock textures.

An east-west trending, vertically dipping quartz vein was discovered south of the base line, along lines 9+00W to 12+00W. The unit has a proven strike length of 300 metres and a minimum width of 8.0 metres. A true strike length cannot be defined due to overburden coverage to the west and east. Wall-rock alteration is pervasive dolomitization with minor malachite and pyrite associated. One outcrop of altered andesite porphyry (?), shattered with quartz stringers, is located in a creek bed 300 metres to the east. Chert, outcropping 30 metres south of the vein on line 11+00W, contains 1-5% coarse euhedral pyrite. The silicification and pyritization of this unit may be resultant alteration from vein intrusion along the andesite porphyry/sediment contact.

Disseminated pyrite was noted in all of the trenches testing the vein. Tetrahedrite occurs only in the trench at grid location 9+85W:1+70S. An assay of .012 oz. Au and .12 oz Ag across a 8.0 metre sampling width was obtained from this trench. Assays from the remaining trenches were low.

A 1.0 metre, limonitic quartz vein was discovered in Sylvester Group andesites on line 10+00W: 10+40S. The vein occurs along a northeast trending, north dipping joint plane. Gold and silver values are low.

2.D (iv) Geochemistry

Geochem results are presented on histograms, normal probability plots and scattergrams (Appendix E) and geochem maps (39,40).

Estimated background and threshold values are listed in Table #7. Histograms and normal probability plots represent data from the total survey area, the area underlain by volcanics and the area underlain by sediments. The entire survey area is covered by the scattergrams.

Background range As values are higher in the survey area underlain by volcanics. Ag background values are greater within the sediments. There is no change in background range for Cu although the threshold values appear to be greater within the volcanics.

TABLE 7

SKY GRID - GEOCHEM STATISTICS

<u>PLOT</u>	<u>BACKGROUND RANGE</u>	<u>THRESHOLD</u>
(grid) - As	0 - 40 ppm.	100 ppm.
(grid) - Ag	.5 - 2.0 ppm.	3.0 ppm.
(grid) - Cu	10 - 45 ppm.	90 ppm.
(volcanics) - As	0 - 55 ppm.	125 ppm.
(volcanics) - Ag	.5 - 1.75 ppm.	2.75 ppm.
(volcanics) - Cu	10 - 45 ppm.	85 ppm.
(sediments) - As	0 - 25 ppm.	60 ppm.
(sediments) - Ag	.5 - 2.0 ppm.	3.5 ppm.
(sediments) - Cu	10 - 40 ppm.	70 ppm.

GEOCHEMICAL RESULTSSky Grid

(a) L 2+00W: 0+60N; L 3+00W: 1+80S; L 9+00W: 2+20S

One sample silver highs; range of 3.2 - 3.8 ppm..

(b) Sky Vein

Broad 50 - 90 metre wide arsenic anomaly associated with an east - west trending 8.0 metre wide quartz vein, 120 metres south of baseline 0+00 along lines 11+00W - 9+00W. The vein is lost in overburden to the east and west. No Au or Ag

anomalies were identified over the structure even though tetrahedrite has been noted in outcrop.

(c) L 6+00W: 1+60S

One sample As high; 700 ppm.. Occurs 300 metres along strike of the Sky Vein. Outcrop of intensely dolomitized andesite porphyry, shattered by quartz stringes occurs in a creek bed 5.0 metres east of the sample site. This may be a continuation of the Sky Vein structure 300 metres to the east.

(d) L 11+00W: 3+00S

One sample Au high; 2100 ppb.. Occurs 100 metres south of the Sky Vein in pyritic chert.

(e) L 2+00W: 9+10 to 9+20 S; L 4+00W: 8+20 S; L 6+00W: 9+00 S; L 8+00W: 10+20 S; L 9+00W: 8+80 S

One sample silver highs; 3.0 - 6.6 ppm.; scattered across an area underlain by Sylvester Group argillites.

(f) L 10+00W: 5+80 S

Au/As anomaly; 70 ppb. Au, 296 ppm. As.

(g) L 2+00W: 7+40 S

One sample Au anomaly; 100 ppb. Au.

(h) L 10+00W: 8+00 S

One sample Au anomaly; 115 ppb. Au.

(i) L 5+00W: 4+20N; L 1+00W: 5+40 S and 5+60 S

Gold/Arsenic anomalies associated with small areas of dolomitized volcanics; Au 140 - 440 ppb., As 135 - 247 ppm.. Widths for the altered volcanics are generally < 0.5 metres. Strike lengths are < 100 metres.

3. GEOPHYSICAL SURVEYS

3.1 Summary

VLF-EM surveys were carried out over six selected grids to test the method's effectiveness in detecting known gold-bearing rock units and also to delineate other similar occurrences.

The results show that there is very little difference in conductivity between these rock units and adjacent host rocks. Consequently, this approach is of marginal value in the area. Interpretation of the data is given in Appendix D.

Calvin Everett

STATEMENT OF QUALIFICATION

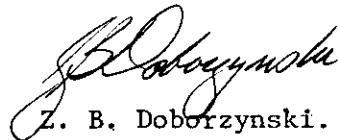
I am a Bachelor of Science graduate from the University of New Brunswick (May 1977) and have been employed as an exploration geologist within the mining industry for five years.



Cal. C. Everett

STATEMENT OF QUALIFICATIONS

I am a graduate of McGill University, with a Bachelor of Engineering degree in Mining Engineering and Applied Geophysics and a Master of Science degree in Applied Geophysics. I have been employed as an exploration geophysicist with Esso Minerals for the last 6 years.



Z. B. Doborzynski.

COST ESTIMATE - McDAME PROJECT

<u>PE OF WORK</u>	<u>MAN DAYS</u>	<u>COST/MAN DAY</u>	<u>COST</u>	<u>TOTAL</u>
Geology	52	\$114	\$5,928.00	
	1	100	100.00	
	28	59	1,652.00	
	2	44	88.00	
				\$ 7,768.00
Geochemistry	14	\$114	\$1,596.00	
	25	100	2,500.00	
	56	59	3,304.00	
	37	44	1,628.00	
	43	34	1,462.00	
	16	29	464.00	
				\$10,954.00
Geophysics (28 Man Days, 4.8 line/kilometres of VLF-2EM)				
	27	\$100	\$2,700.00	
	1	44	44.00	
				\$ 2,744.00
Linecutting (117 Man Days, 68.3 line/kilometres)				
	2	\$114	\$ 228.00	
	16	100	1,600.00	
	13	59	767.00	
	35	44	1,540.00	
	33	34	1,122.00	
	18	29	522.00	
Contract Work 44 days	200		8,800.00	
				\$14,579.00
Report Preparation:				
Writing:	24	\$114	\$2,736.00	
Drafting:	45	63	2,835.00	
Map Reproduction:			120.00	
				\$ 5,691.00

GEOCHEMICAL ANALYTICAL COSTS

<u>SAMPLE TYPE</u>	<u>NUMBER</u>	<u>ANALYZED ELEMENTS COST</u>
Soil (Avg. \$8.06/Unit	3680	As/Ag/Cu ⁺ Au \$29,660.80
Organic (Avg.\$11.00/unit	51	Au 561.00
Rock Assay (Avg. \$8.75/unit)	76	Au/Ag 665.00
		\$30,886.80
Geochemical Freight Charge		\$ 2,332.31

COST ESTIMATE - McDAME PROJECT

cont'd

64.

TOTAL

Food and Accommodation: May 21-26, June 25-Oct. 16, 1980

455 Man Days - Average Costs at \$15.00/day \$ 6,825.00

Cook

13 Man Days at \$31.00/day \$ 403.00

Transportation:

Air Fares: Vancouver to Watson Lake \$ 900.00

Truck Rentals: May 21-26, June 25 -

Oct. 16/80

120 days @ \$50.50/day 6060.00

Fuel/Oil 568.95

\$ 7,528.95

Instrument Rental:

Phoenix VLF-2 EM: June 15 - Aug. 1/80

1.5 Mos. @ \$485.00/Mo. \$ 727.50

Field Materials and Supplies

\$ 3,187.85

\$93,627.41

BREAKDOWN OF TIME DISTRIBUTION

FOR McDAME COST STATEMENT

65.

<u>LABOR</u>	<u>DATES</u>	<u>TOTAL DAYS</u>	<u>COST PER DAY</u>	<u>TOTALS</u>
Project Geologist	May 21-26	5		
	June 25-Aug 4	38		
	Sept. 22-Oct. 16	<u>25</u>		
		68	@ \$114.00	\$ 7,752.00
Geologist	May 16-May 27	11		
	July 29-Sept.30	<u>45</u>		
		56	@ \$ 59.00	\$ 3,304.00
Geologist	Sept. 2-Oct. 16	46	@ \$ 59.00	\$ 2,714.00
Technician	July 1-27	24		
	Aug. 8-Sept. 22	<u>36</u>		
		60	@ \$100.00	\$ 6,000.00
Field Assistant	May 16-27	11		
	June 25-Aug. 27	<u>64</u>		
		75	@ \$ 44.00	\$ 3,300.00
Field Assistant	May 16-27	11		
	June 25-Aug. 27	<u>64</u>		
		75	@ \$ 34.00	\$ 2,550.00
Field Assistant	July 3-Aug.4	34	@ \$ 29.00	\$ 986.00
Cook	May 21-26	5		
	July 28-Aug. 4	<u>8</u>		
		13	@ \$ 31.00	\$ 403.00
Contracted Work:				
	Linecutting 44 days @ \$200.00/day			\$ 8,800.00

COST DISTRIBUTION

66.

Costs are distributed prorata according to the amount of work performed in each group.

		<u>GROUP A</u>	<u>GROUP B</u>	<u>GROUP C</u>
GEOLOGY	\$ 7,768.00	4,124.80	1,789.75	1,853.45
GEOCHEMISTRY	10,954.00	5,816.58	2,523.80	2,613.62
GEOPHYSICS	2,744.00	1,457.06		1,286.94
LINECUTTING	14,579.00	7,726.86	3,959.00	2,893.14
ANALYSES	30,886.80	16,400.89	7,116.32	7,369.59
TRANSPORTATION	7,528.95	3,997.87	1,734.67	1,796.41
REPORT PREP.	5,691.00	3,021.92	1,311.21	1,357.87
FREIGHT CHARGE	2,332.31	1,238.46	537.36	556.49
ROOM & BOARD	6,825.00	3,624.08	1,572.48	1,628.44
COOK	403.00	280.00	123.00	
RENTALS	727.50	386.30		341.20
SUPPLIES	3,187.85	1,692.75	734.48	760.62
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	93,627.41	49,767.57	21,402.07	22,457.77
WORK APPLIED	93,900.00	49,700.00	21,300.00	22,400.00
PAC.	----	500.00	----	----
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL APPLIED	94,400.00	50,200.00	21,300.00	22,400.00

APPENDIX AGeological Units

- [Di] DIABASE DYKE: grey black, fine to medium grained;
composition: 50% pyroxene, 50% feldspar, trace pyrite, trace carbonate.
- [U] ULTRAMAFIC ? (ALTERED): intensely oxidized, grey-white to lime green; contains alternating bands of ankerite, quartz, carbonate-mariposite, and pyrite-arsenopyrite.
- [AP] ANDESITE PORPHYRY: massive, medium grained, green-brown, porphyritic sub-volcanic intrusive (?); contains 5-10% pyroxene and coarse, \leq 5 mm, amphibole phenocrysts. Unit has an intrusive texture.
- [C.Arg] ARGILLITE (ALTERED): weakly chloritized rafts of Sylvester Group argillite occurring along the basal contact of the andesite porphyry.
- [Arg] ARGILLITE: black argillite, shale, minor black sandstone, siltstone and grit interbeds.
- [Gw] GREYWACKE: grey-black, contains 80% \sim 3 mm angular quartz, sediment and volcanic ? fragments cemented by a fine grained black mud matrix, tr. pyrite.
- [Ch] CHERT: (a) green to grey-black, locally banded, contains a remnant foliation, (siliceous sediment?), occurs along contact to andesites.
(b) grey-green, occurs along faults and peripheral to silicified shear zones; within the MainGrid only.

- [A] ANDESITE
- [A_f] ANDESITE (flow): massive grey-green aphanitic flows.
- [A_t] ANDESITE (TUFF): similar to A_f; contains ~ 1-3%, ≤ 1 mm, flattened chloritic fragments.
- [A_{bx}] ANDESITE (BRECCIATED): ~ 75-85% A_f and A_t fragments within a black chloritic matrix. Brecciation may be attributed to intense structural disruption towards the northwest.
- [AD] ANDESITE DACITE: light green, moderately siliceous, locally tuffaceous.
- [qv] QUARTZ VEIN
- [dol] DOLOMITE ALTERATION: grey-white to tan coloured; coarse euhedral pyrite and grey smoky quartz stringers often associated.
- [Dol_{bx}] DOLOMITE BRECCIA: ~ 80-90% intensely dolomitized andesite fragments within a black tuffaceous? Matrix.
- [SS] SILICIFIED SHEAR ZONE & BRECCIA: ~ 50-90% angular dolomitized fragments within a grey-blue silica-pyrite matrix. Weathered surfaces commonly are intensely yellow to yellow-orange, limonite stained.


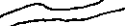

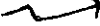
APPENDIX BLIST OF ABBREVIATIONSGeological Units

Di	Diabase Dyke
U	Ultramafic ? (altered)
Ap	Andesite Porphyry
C.Arg	Argillite (chloritized)
Aeg	Argillite
Gw	Greywacke
Cl	Chert
A	Andesite (flows and tuffs undifferentiated)
Af	Andesite flow
At	Andesite tuff
A _{bs}	Andesite (brecciated)
AD	Andesite-Dacite
g.v.	quartz vein
dol	Dolomite alteration
dol _{bx}	Dolomite Breccia
ss	silicified shear zone

Minerals

qtz	quartz	ank	ankerite
carb	carbonate	py	pyrite
mari	mariposite	aspy	arsenopyrite
tetra	tetrahedrite	mag	magnetite
v.g.	visible gold	po	pyrrhotite
az	azurite	cpy	chalcopyrite
mal	malachite		

Other

g	glacial
E.G.M.C.	Erickson Gold Mining Corporation
	trench
	road
	marsh
	stream
Hist.	histogram
N.C.P.	normal probability plot
scat	scattergram

APPENDIX CGeochemical Methods

Soil samples taken from the orientation surveys, 1979 follow-up grids, Main Grid and Sky Grid are considered to be residual soils, taken at the B-horizon. Areas covered with glacial debris were defined by geological mapping and are outlined on the geology maps for each respective grid.

All soil samples were stored in brown gusset bags, dried and shipped to Min-En Laboratories in North Vancouver for geochemical analysis. Samples were oven-dried, sieved to obtain the -80 mesh fraction and then subjected to a nitric perchloric acid digestion. Measurement of trace element concentrations was done by atomic absorption analysis. Each sample was analysed for arsenic, silver and copper. Anomalous samples and samples covering favourable geological units were analysed for gold.

Mull samples collected from the 1980 orientation survey were analysed by a neutron activation method. Samples were taken below the living organic growth and above the white leached layer. Each unit was stored in a brown paper bag, dried and shipped to Min-En Labs in North Vancouver for analysis. Samples were oven-dried, sieved to obtain the -20 mesh fraction and then ground. Eight grams of the sample was extracted, palatalized, radiated, cooled for three days and then read on a spectrometer. Samples were analysed for gold only.

APPENDIX DGEOPHYSICSPurpose of Survey

VLF-EM surveys were carried out in six selected areas to delineate rock formations which have gold-bearing potential.

Equipment and Procedures

A Phoenix Geophysics VLF-2 electromagnetic unit was used. This instrument detects changes in ground conductivity by measuring the orientation and strength of these electromagnetic fields produced by distant radio stations, operating in the frequency range from 14 to 25 kHz.

Signals produced by the Cutler, Maine station were measured. The station's operating frequency is 17.8 kHz.

Measurements were taken along crosslines spaced 50 metres apart; the only exception is the South Breccia Zone grid (Maps 46 a and b) where the line spacing was 100 m. Readings were generally taken at 10 m intervals along these crosslines.

Profiles of the dip angle and field strength data are plotted on Maps 41a to 46a. To emphasize weak anomalies, dip angle measurements have also been filtered and contoured. These are presented on Maps 41b to 46b.

RESULTS

1. Porcupine/Davis Grid

a. Lines 0+50W to 2+50E, Maps 41a and b.

The target in this area is a quartz vein system mapped between lines 0+50W and 1+00E (Map 21). The dip angle profiles show a weak conductive feature coincident with this vein system. Further east, this response merges with a broad zone of conductivity probably caused by glacial debris. This is particularly evident on lines 1+50E and 2+00E, where the field strength profiles show a broad anomalous area extending south to the base line.

The contoured dip angle data (Map 41b) indicates that the vein system, extends across the length of the grid with best response on lines 1+50E and 2+00E; at about 140N. The weak anomalous area south of this conductive trend corresponds closely with the area mapped as glacial debris.

b. Lines 5+50E to 7+50E, Maps 42 a, b

The dip angle profiles (Map 42a) show very weak and broad crossovers on lines 6+50E and 7+00E at about 180N. The source of these anomalies may be deep (25 m). Along this trend, to the west, drill holes 75-6 and 77-45 cut gold-bearing quartz veins. On lines 7+00E and 7+50E, between 0+50N and 2+50N, the field strength data shows a broad anomalous response, probably caused by conductive overburden.

The contoured dip angle data (Map 42b) is very weak and is not definitive.

2. Pumphouse Grid, Map 43 a and b

Dip angle profiles (Map 44a) show three weak crossovers on lines 4+00W to 3+00W between 1+80N and 2+10N. The strongest response is on line 3+50W.

The contoured dip angle data indicates two possible zones both open to the east and trending to the NE.

3. Lakeview/Goldhill Grid, Map 44a and b

Along the south boundary of this grid, a very strong dip angle and field strength response (Map 45a) is caused by water and electric lines. The remainder of the grid is featureless.

The contoured dip angle data (Map 45b) shows the water and electric lines clearly. Other weak anomalies probably reflect overburden conductivity variations.

4. Callison Creek Grid, Maps 45a and b

Dip angle and field strength profiles (Map 46a) show three zones, marked A, B and C, open to the west and extending to 14+00W only. These again are very weak anomalies. The remainder of the grid is featureless.

The contoured dip angle data (Map 46a) show weakly anomalous patterns across the grid. Excluding the zones A, B and C the remaining anomalies probably reflect variations in overburden conductivity.

5. South Breccia Zone, Maps 46a and b

The target is a silicified shear zone (Map 6). The VLF-EM response shows a weak conductive feature which appears associated with the southernmost of these shears. Both the field strength and dip angle responses are rated as weak to questionable. On lines 12+00W to 14+00W, the anomalous responses are offset north of the shear; whereas on lines 11+00W and 10+00W, the anomalies lie within the shear. On lines 13+00W and 14+00W at about 10+50S, a weak and broad crossover suggests a second conductive feature which is open to the northeast.

Both these features are better defined on the contoured dip angle map (Map 46b). Zone A is open in both directions and is more conductive to the east. Zone B is open to the NE. In between these anomalies a localized anomaly on line 12W at about 1125S remains unexplained. The data seems to suggest a NW trending conductive feature.

CONCLUSIONS AND RECOMMENDATIONS

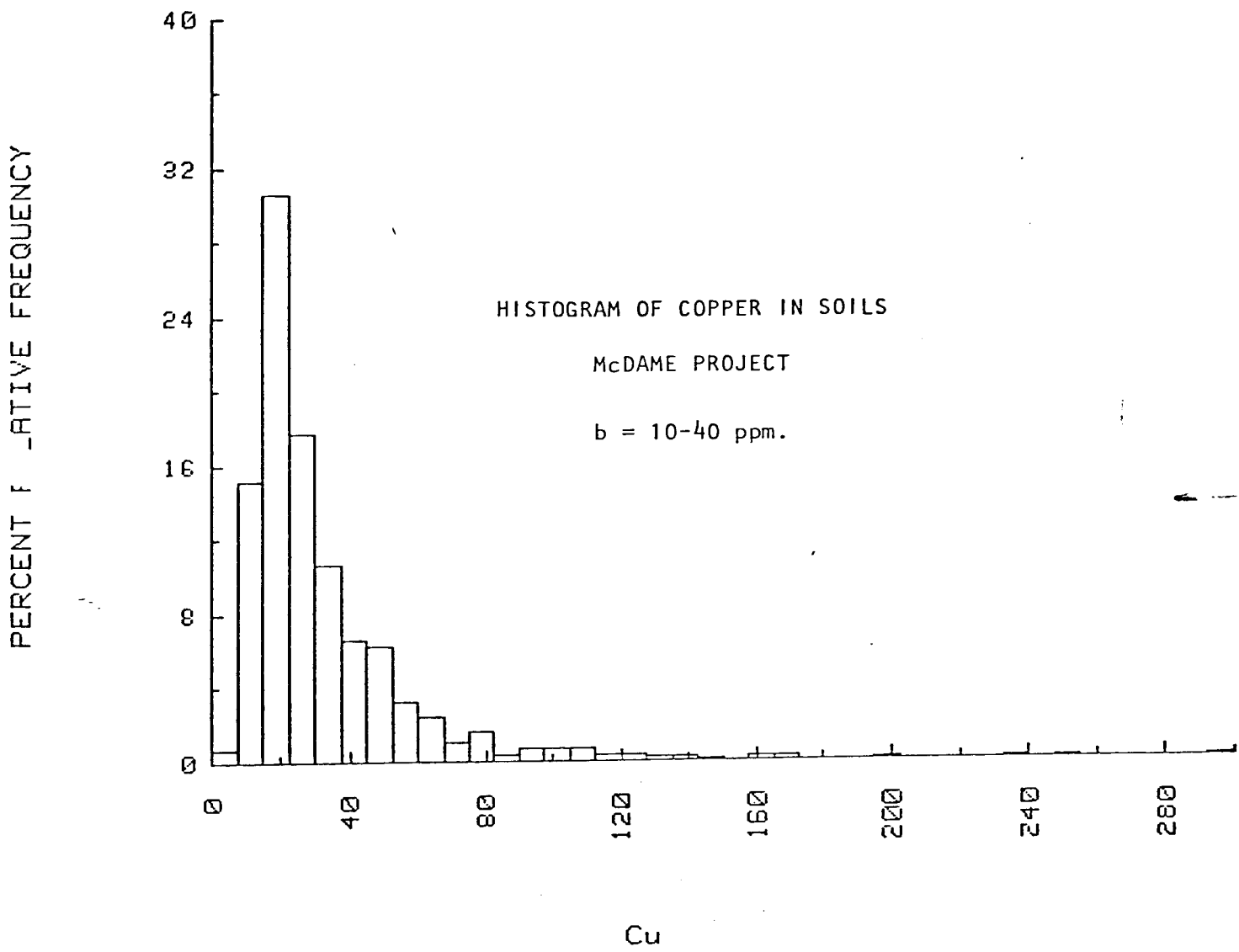
Anomalous VLF-EM responses to known quartz veins and shear zones are erratic. In areas where anomalous responses were obtained, they tended to be weak, reflecting the slight conductivity contrast between these features and adjacent rocks. As a result, this type of

survey is likely to detect only a very limited number of these features, possibly diverting effort from more effective methods. Furthermore, these responses are weak enough to be mistaken for conductivity changes in overburden and vice-versa.

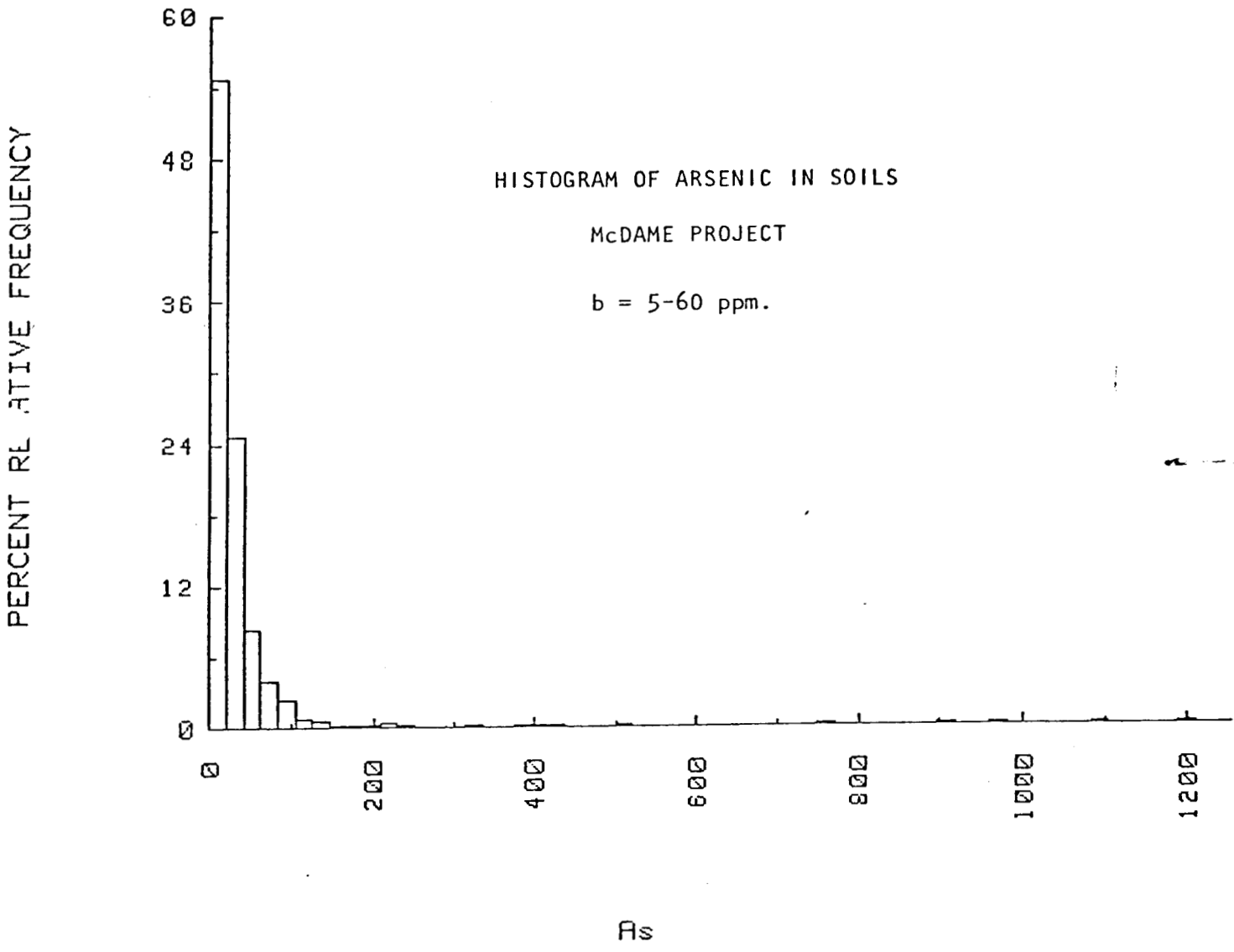
Of the grids surveyed, results over the Porcupine/Davis appear to have extended the strike length of known quartz-vein systems. The anomalies delineated on the South Breccia zone, Pumphouse and Callison Creek grids are unexplained and are worth checking.

The VLF-EM survey method is not consistent and should not be used as a primary exploration tool. Its only useful application is to extend occurrences of known favourable rock assemblages.

McDAME - 2150 MAIN GRID



McDAME - 2150 MAIN GRID



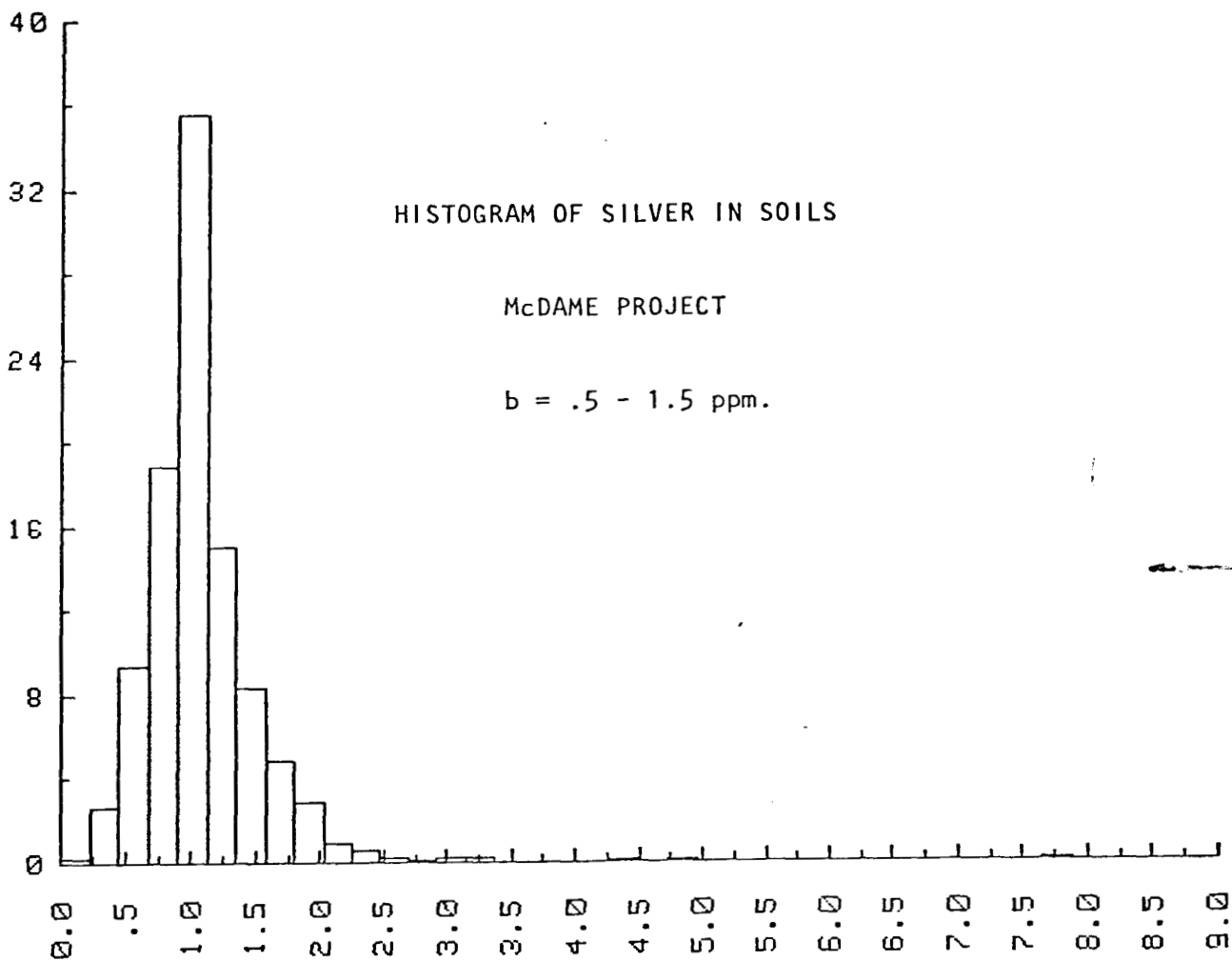
McDAME - 2150 MAIN GRID

HISTOGRAM OF SILVER IN SOILS

McDAME PROJECT

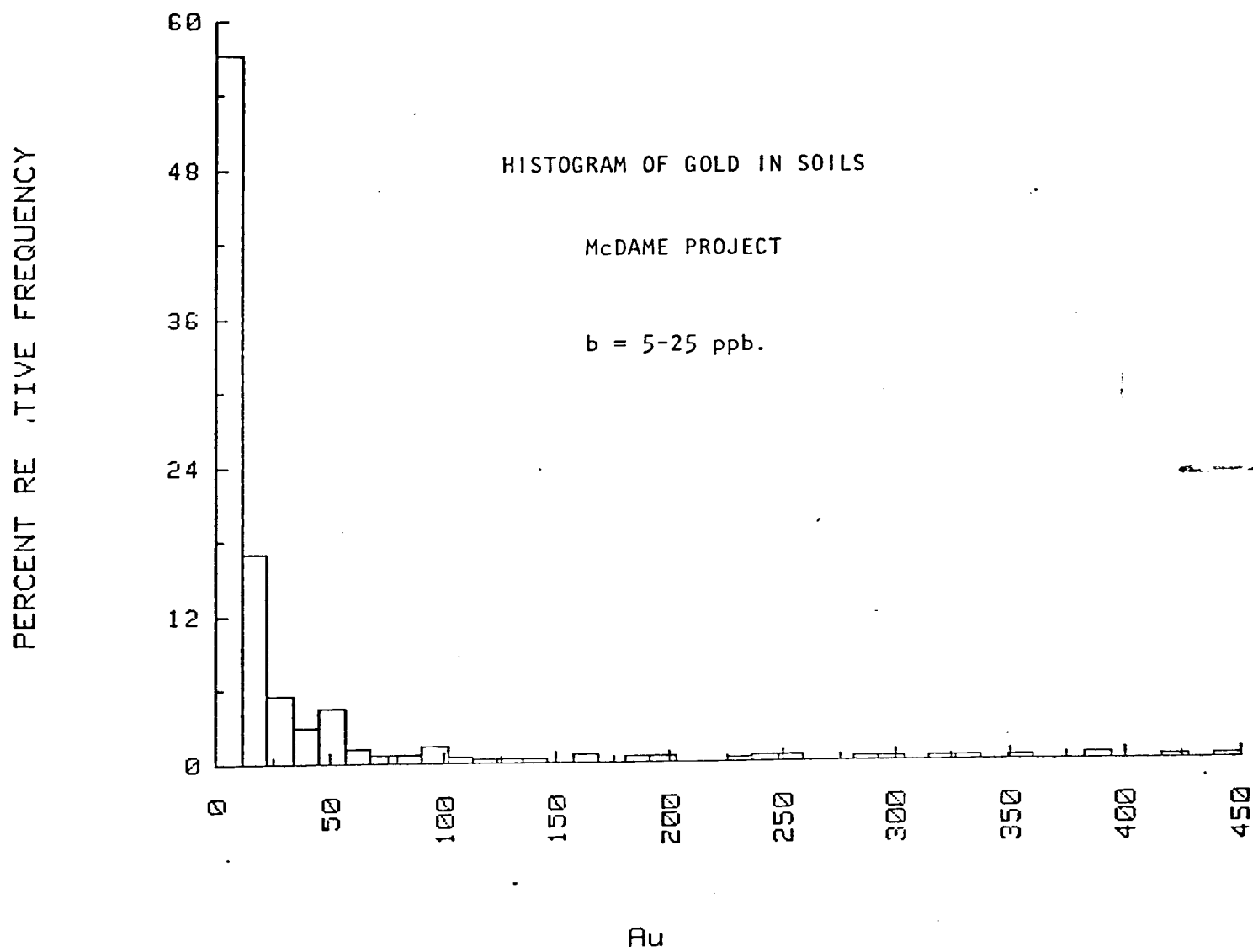
b = .5 - 1.5 ppm.

PERCENT RELATIVE FREQUENCY



Ag

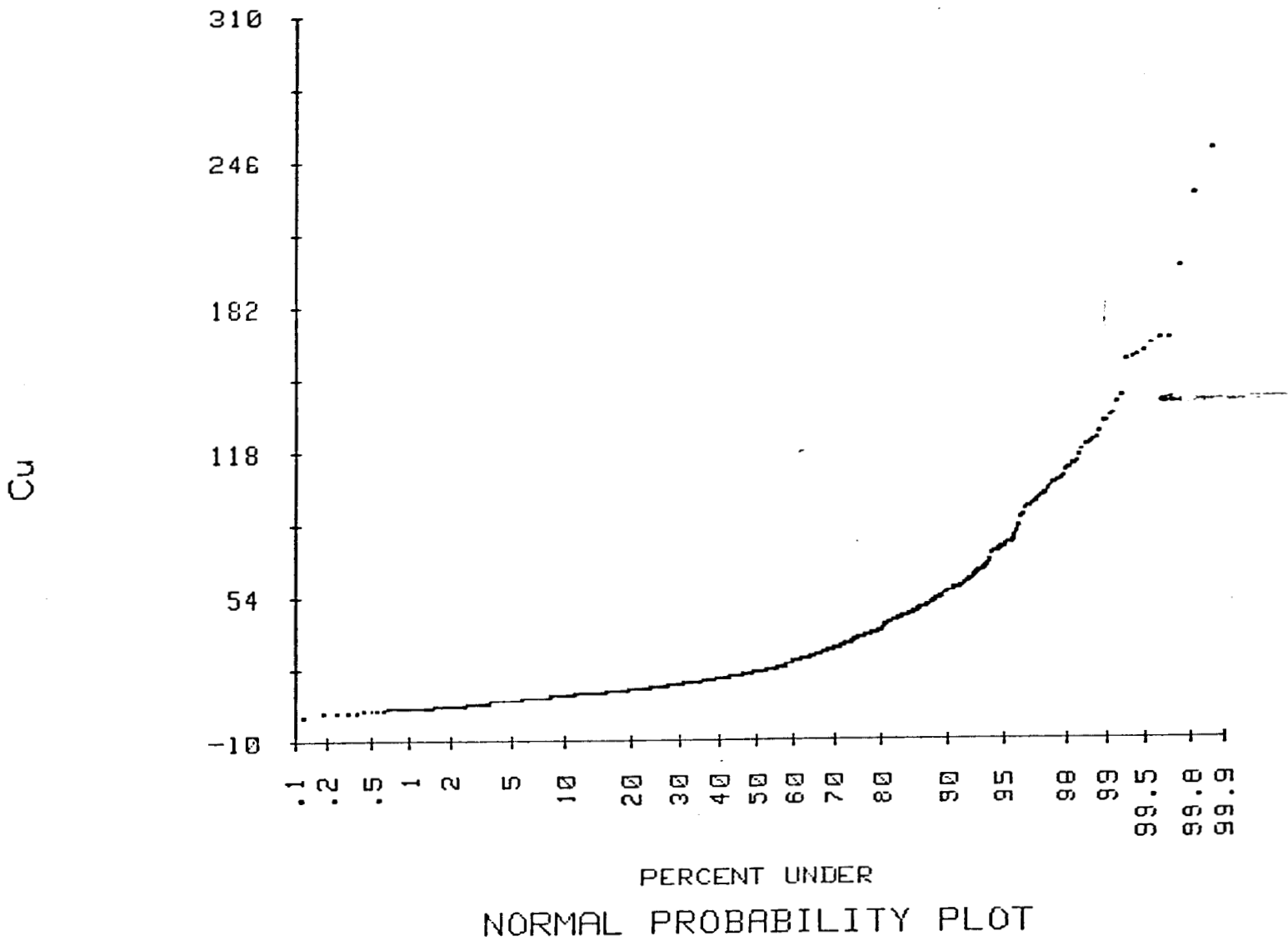
McDAME - 2150 MAIN GRID



COPPER: NORMAL PROBABILITY PLOT

McDAME PROJECT

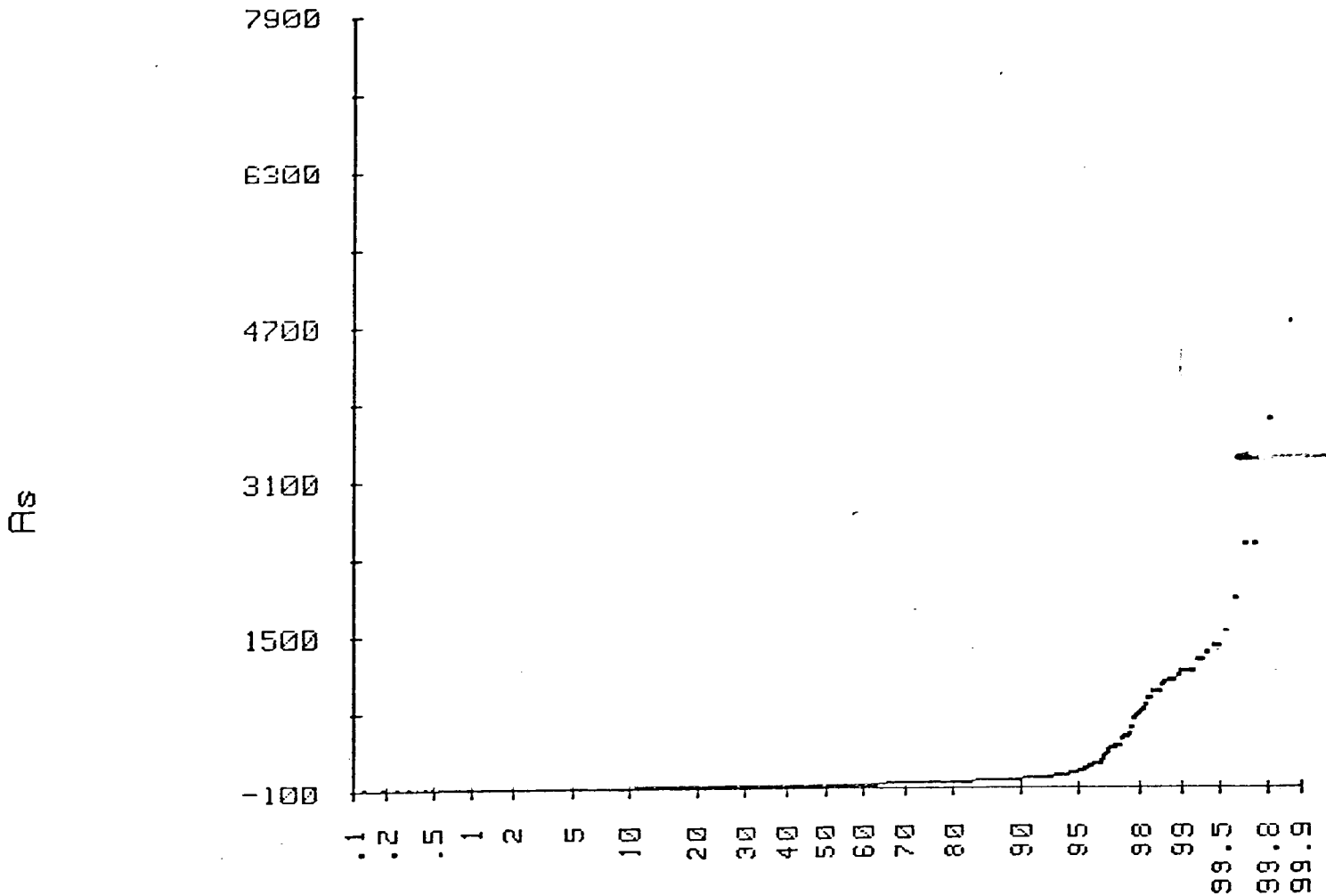
McDAME - 2150 MAIN GRID



ARSENIC: NORMAL PROBABILITY PLOT

McDAME PROJECT

McDAME - 2150 MAIN GRID

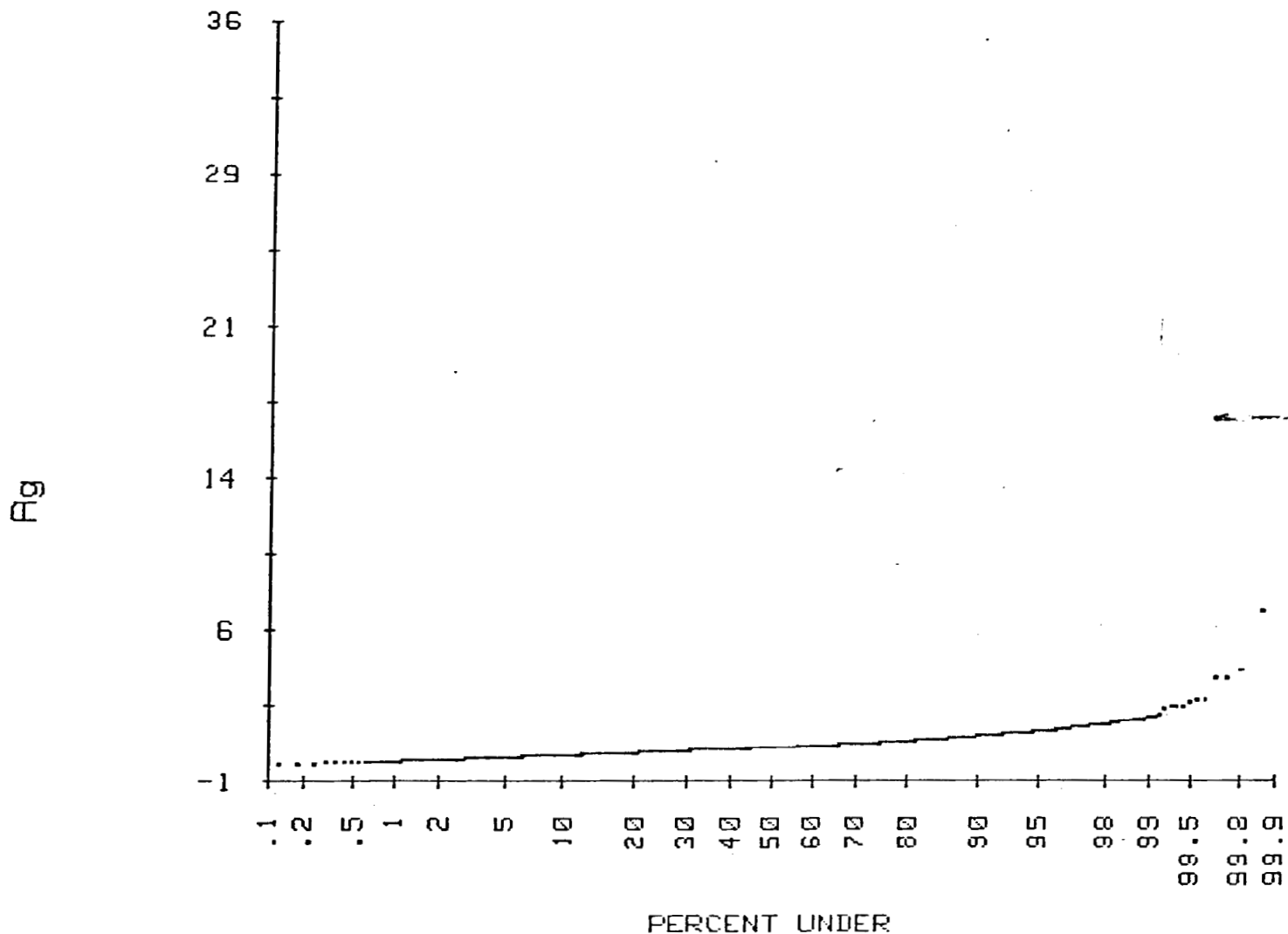


PERCENT UNDER
NORMAL PROBABILITY PLOT

SILVER: NORMAL PROBABILITY PLOT

McDAME PROJECT

McDAME - 2150 MAIN GRID

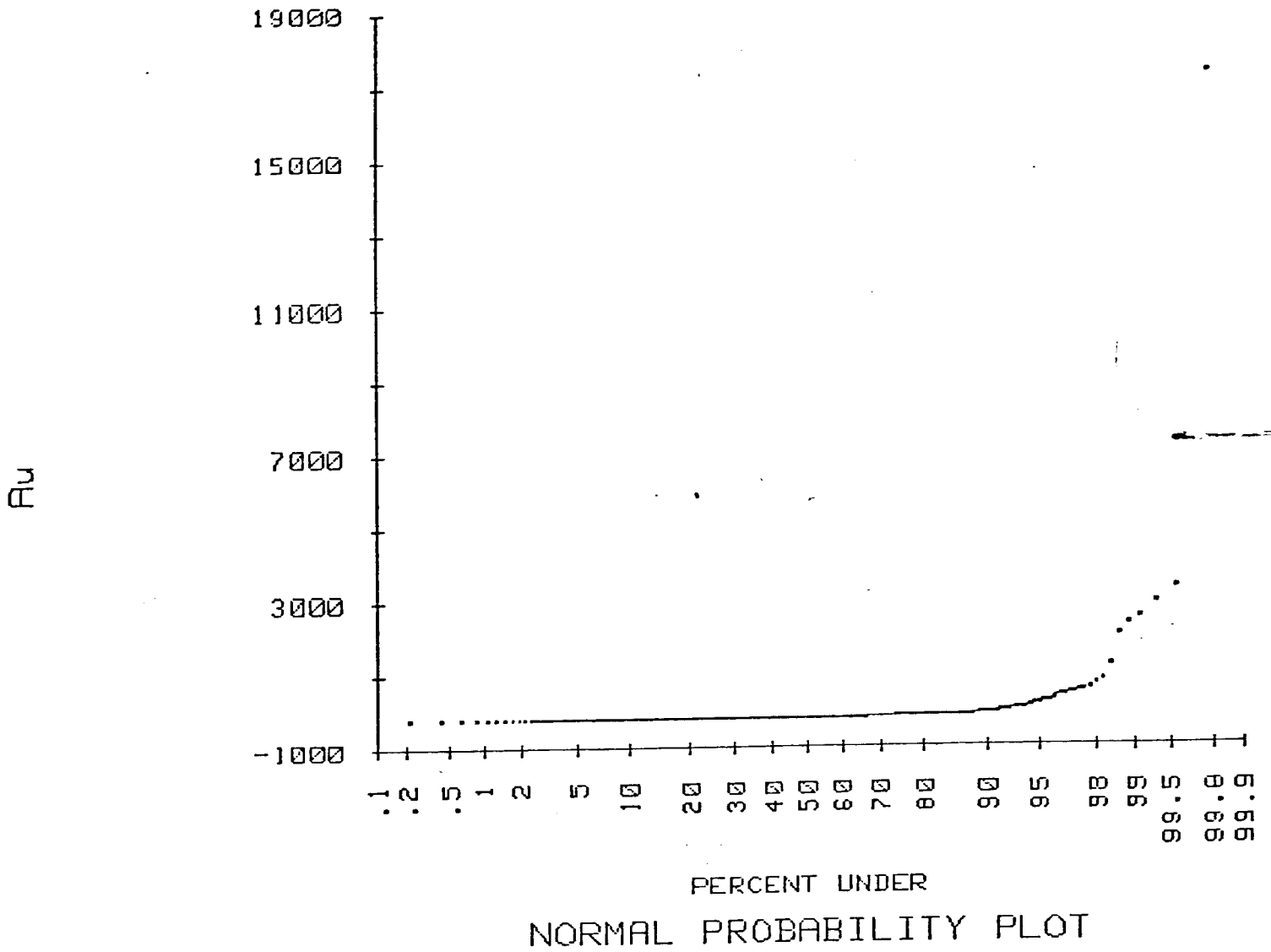


NORMAL PROBABILITY PLOT

GOLD: NORMAL PROBABILITY PLOT

McDAME PROJECT

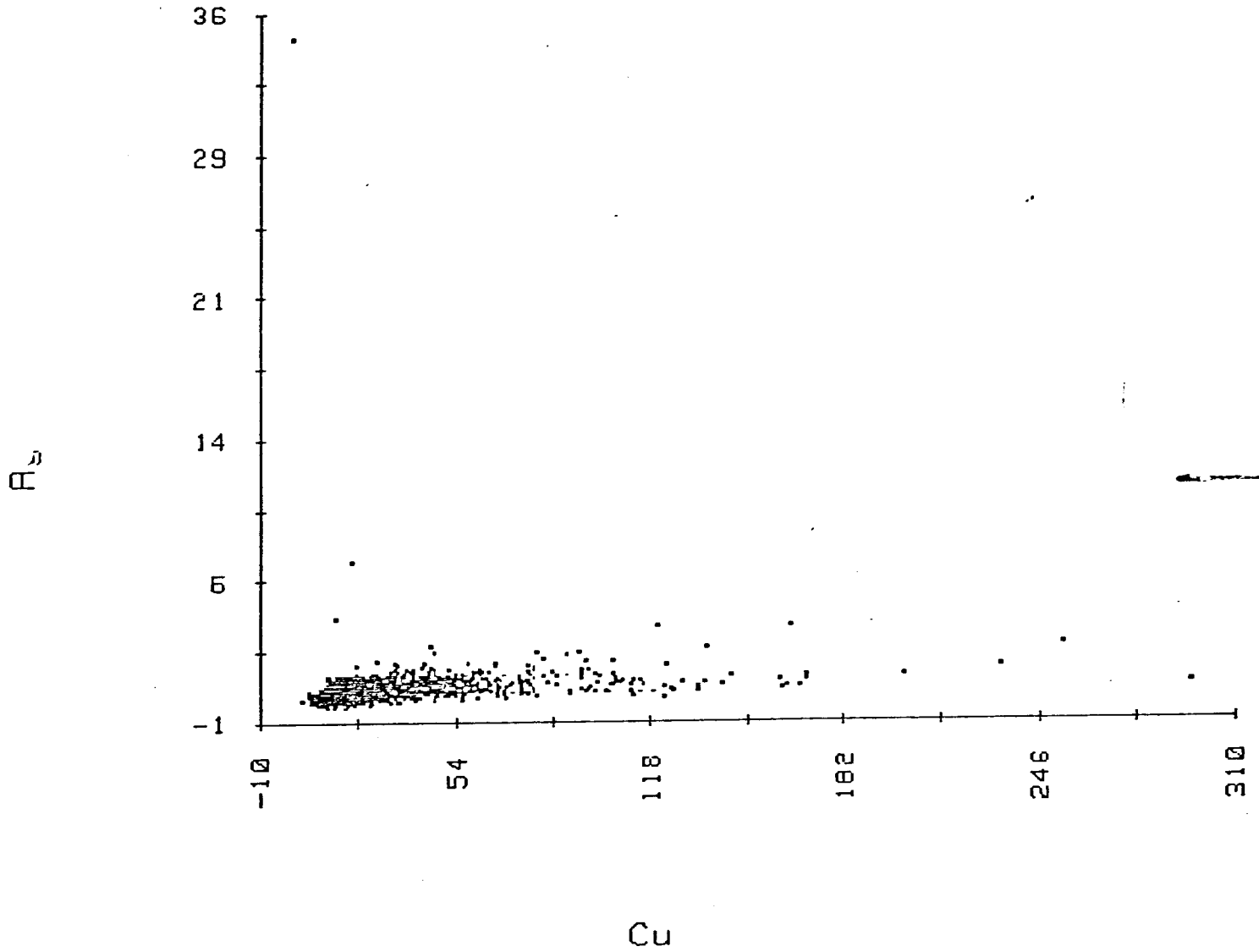
McDAME - 2150 MAIN GRID



Ag:Cu TWO DIMENSIONAL SCATTERGRAM

McDAME PROJECT

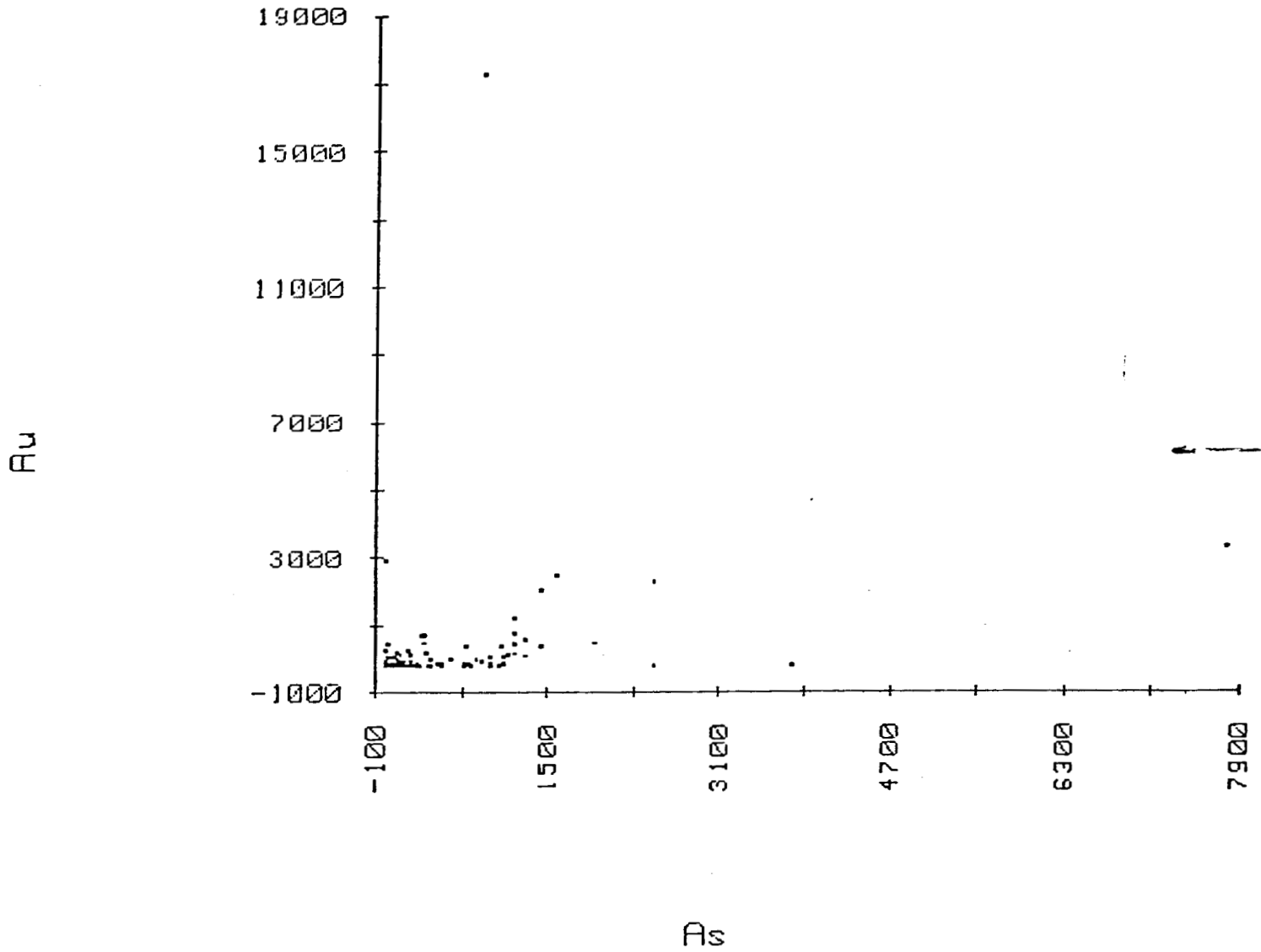
McDAME - 2150 MAIN GRID



Au:As TWO DIMENSIONAL SCATTERGRAM

McDAME PROJECT

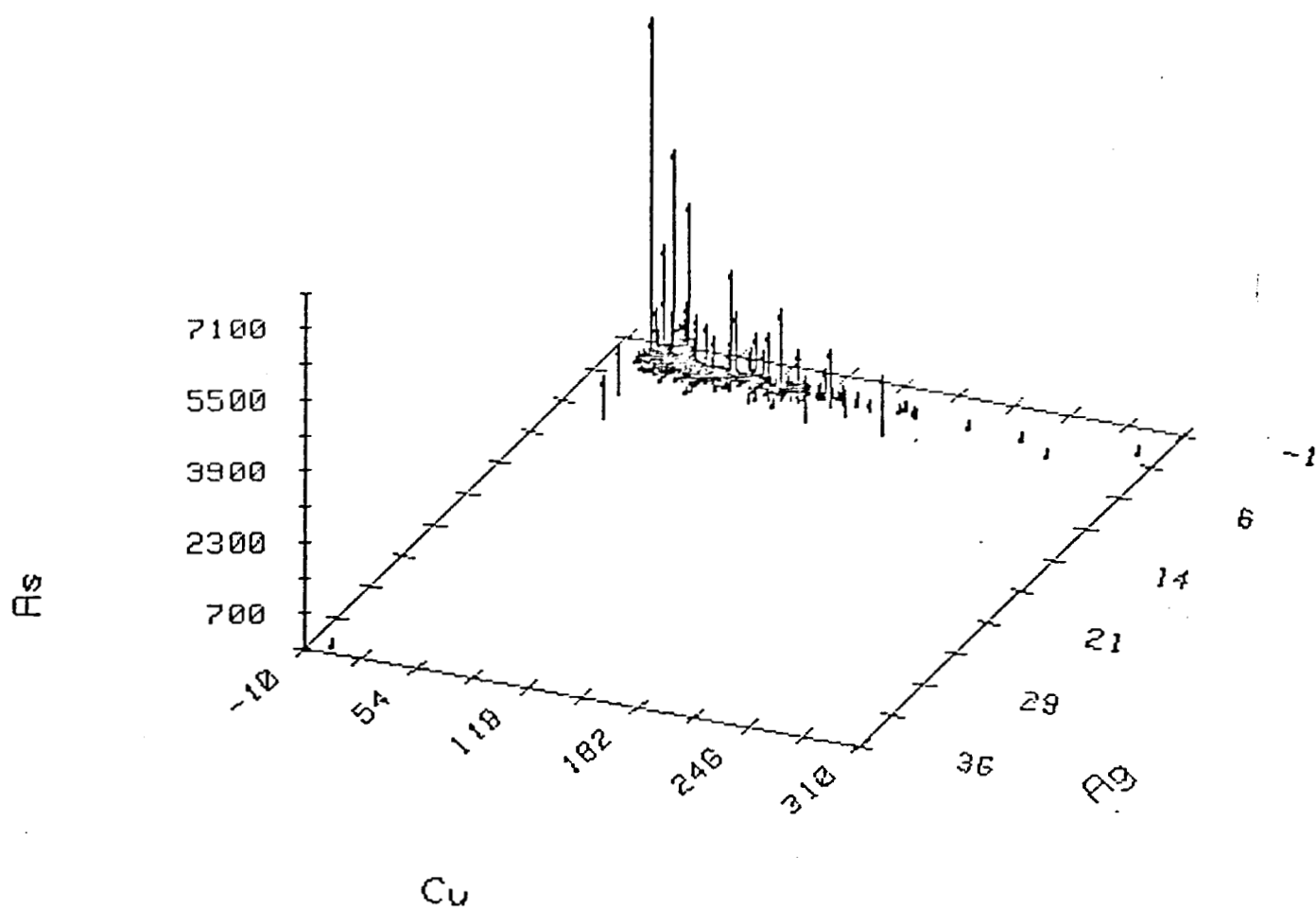
McDAME - 2150 MAIN GRID



As:Ag:Cu THREE DIMENSIONAL SCATTERGRAM

McDAME PROJECT

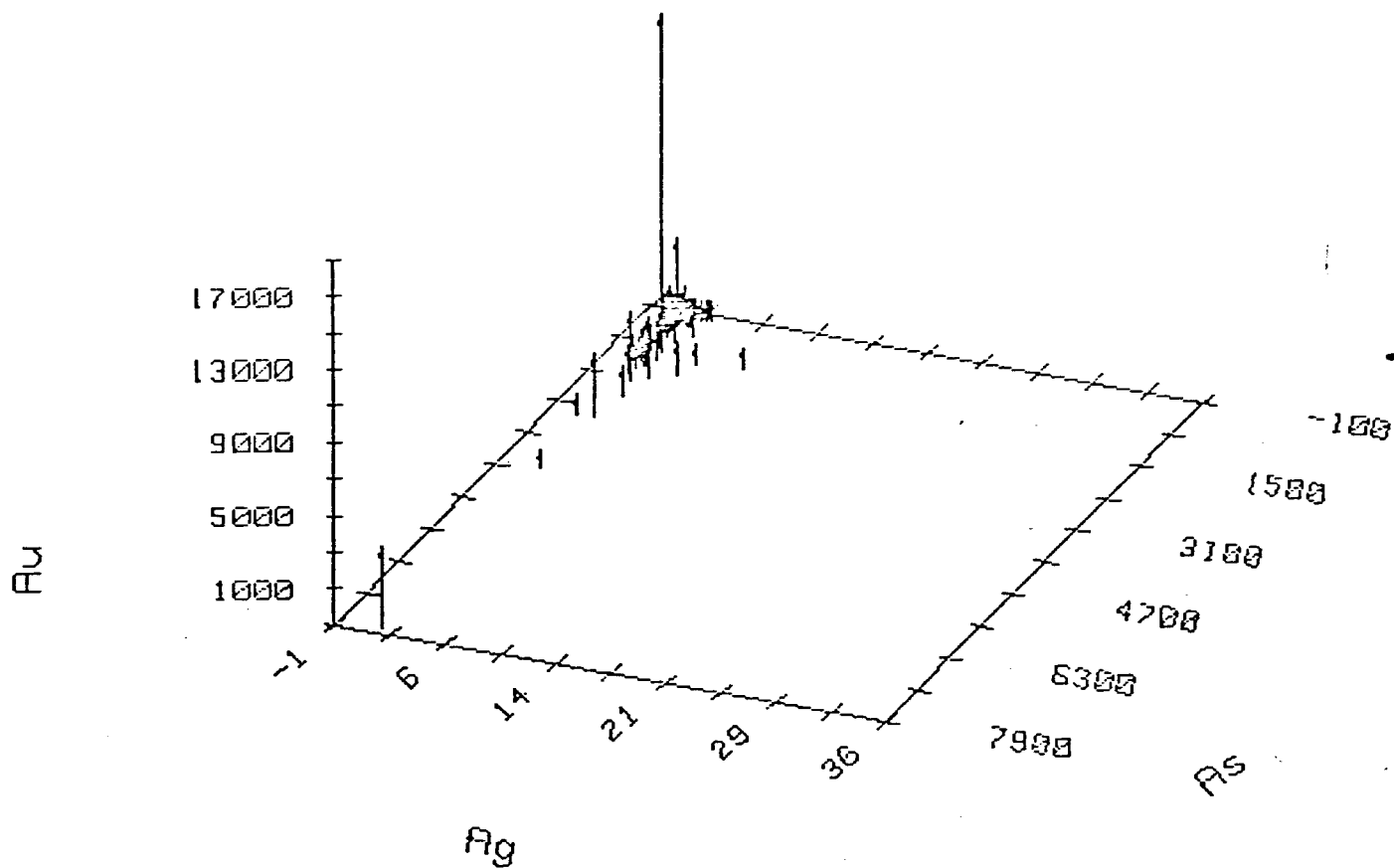
McDAME - 2150 MAIN GRID



Au:Ag:As THREE DIMENSIONAL SCATTERGRAM

McDAME PROJECT

McDAME - 2150 MAIN GRID



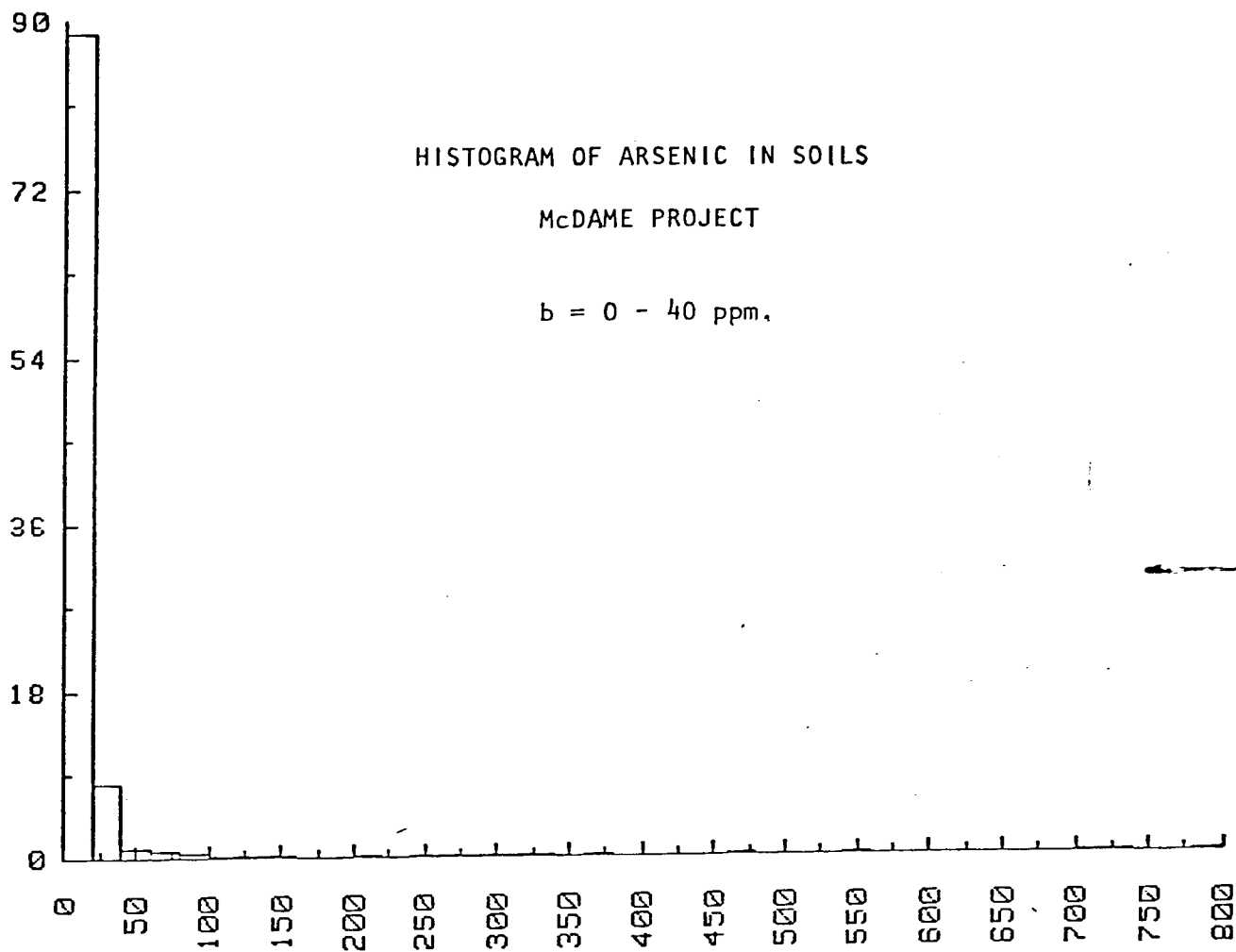
McDAME-2150 SKY GRID

PERCENT RELATIVE FREQUENCY

HISTOGRAM OF ARSENIC IN SOILS

McDAME PROJECT

b = 0 - 40 ppm.



As

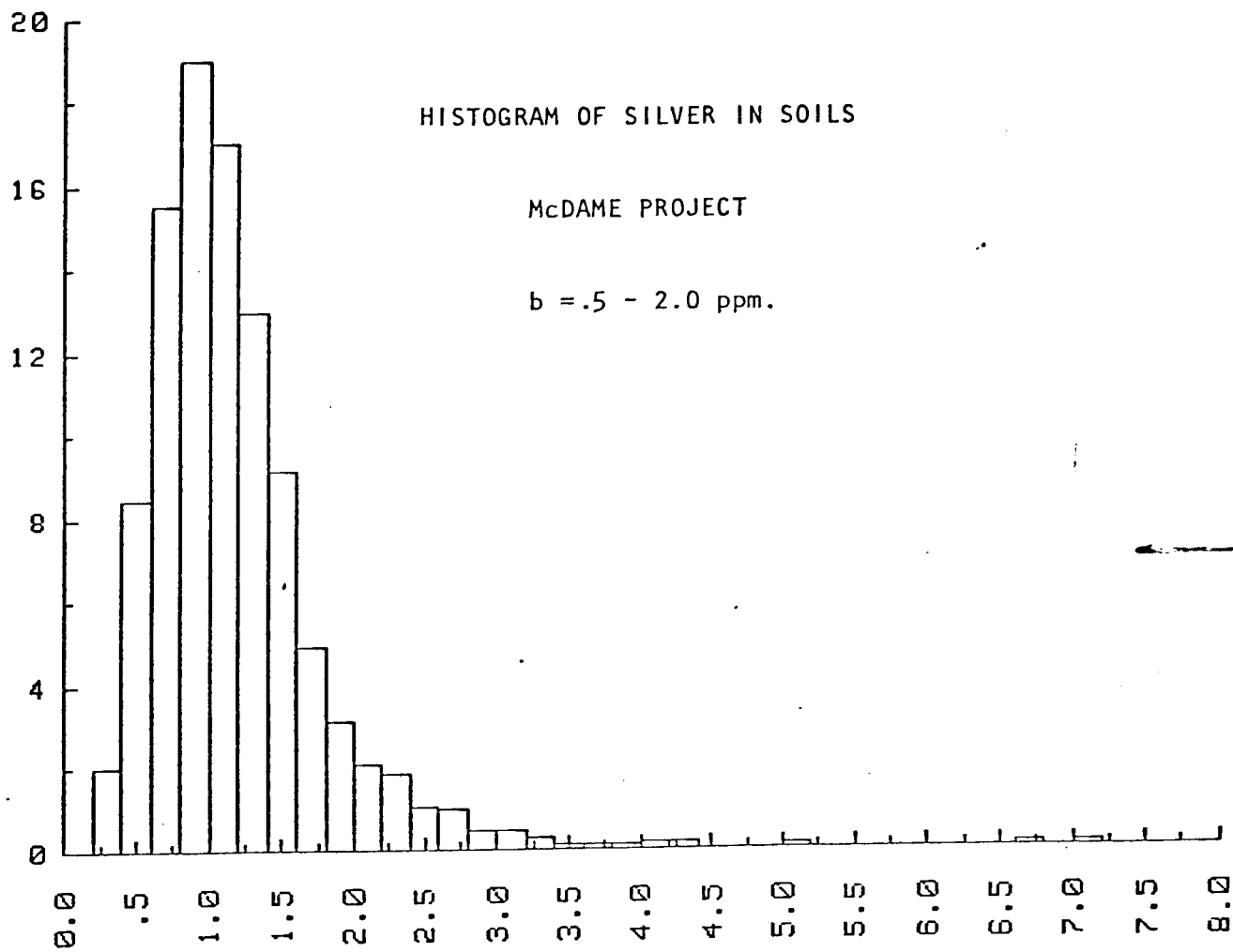
McDAME-2150 SKY GRID

HISTOGRAM OF SILVER IN SOILS

McDAME PROJECT

b = .5 - 2.0 ppm.

PERCENT RELATIVE FREQUENCY



Ag

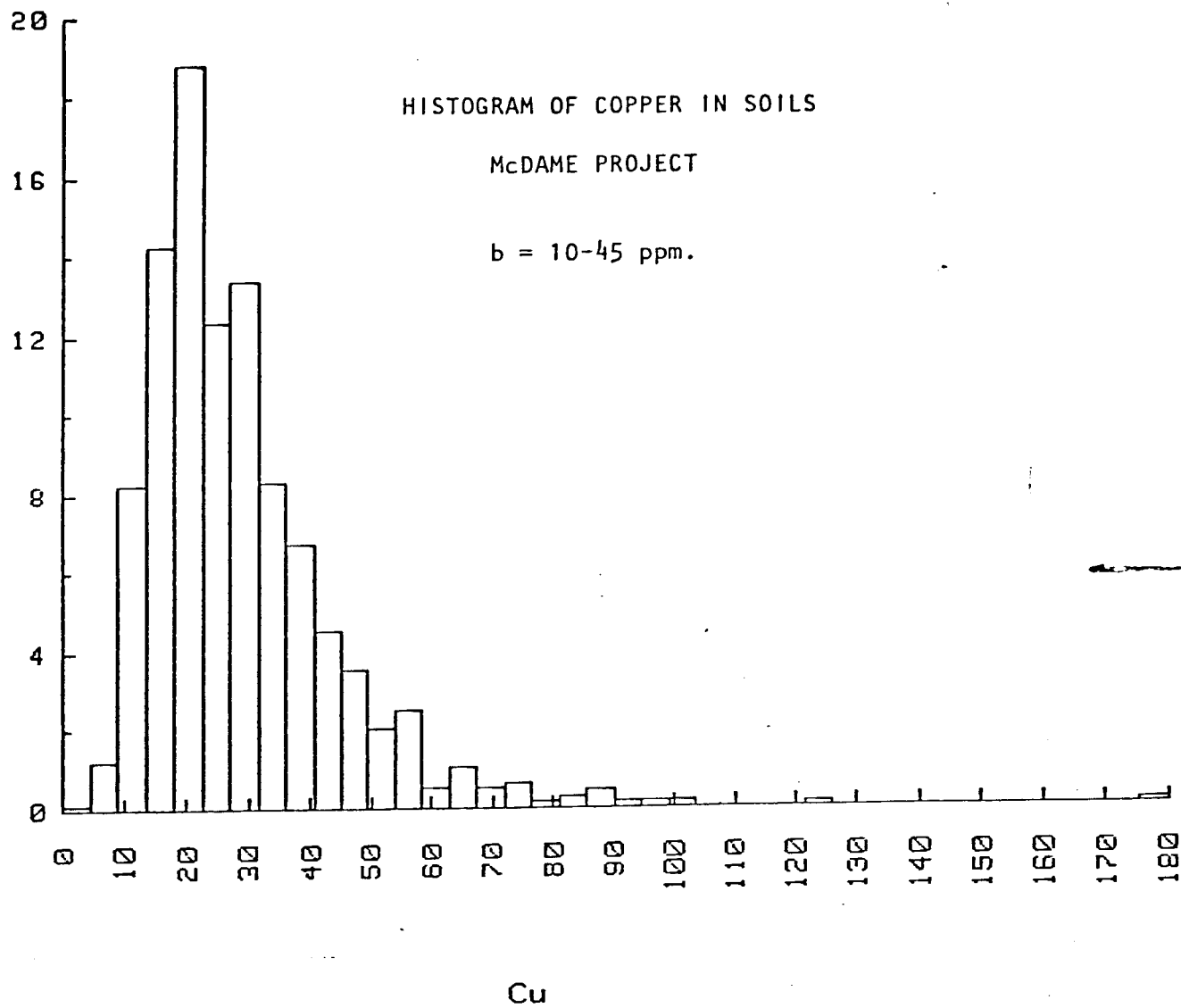
PERCENT RELATIVE FREQUENCY

McDAME-2150 SKY GRID

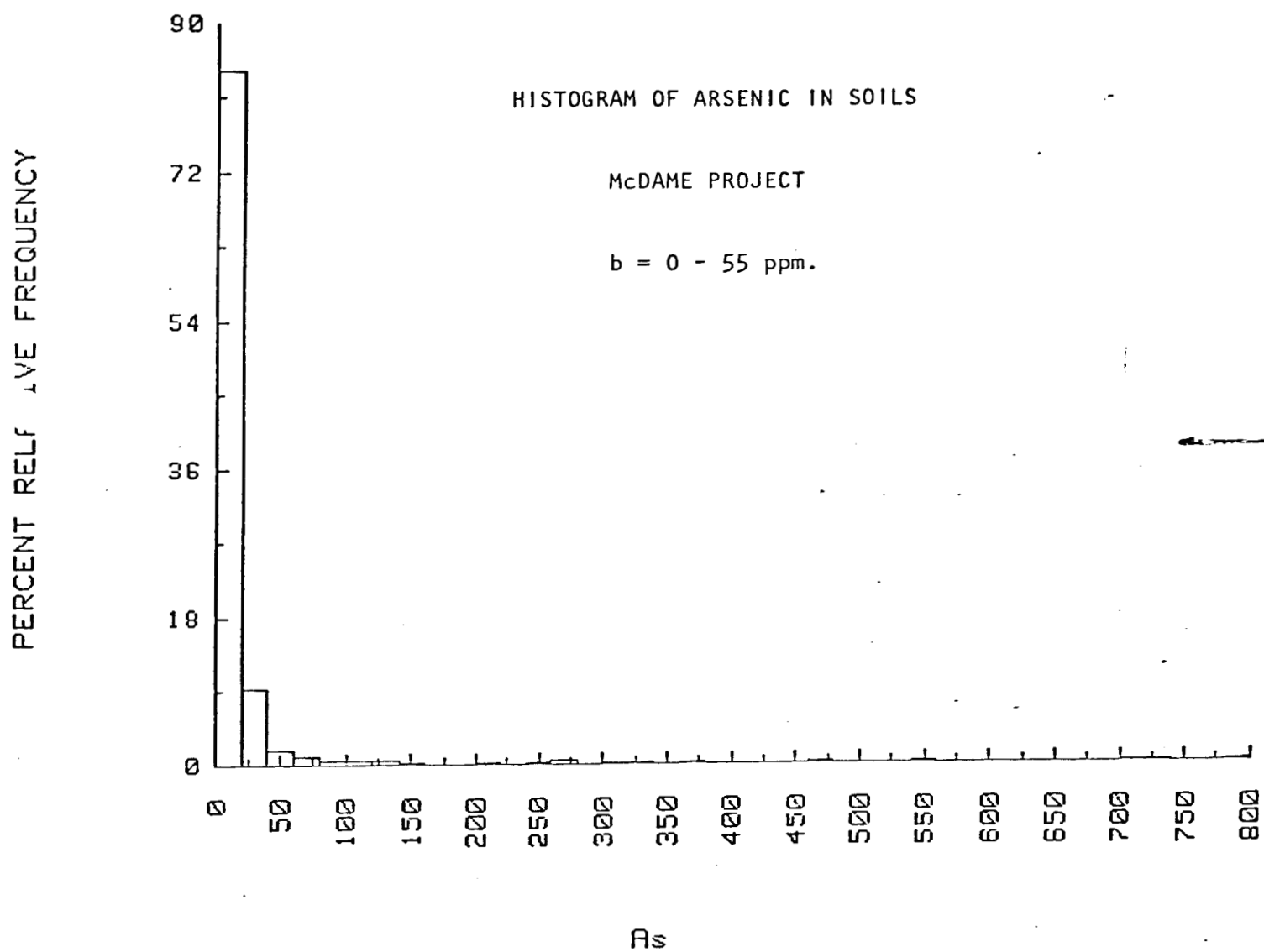
HISTOGRAM OF COPPER IN SOILS

McDAME PROJECT

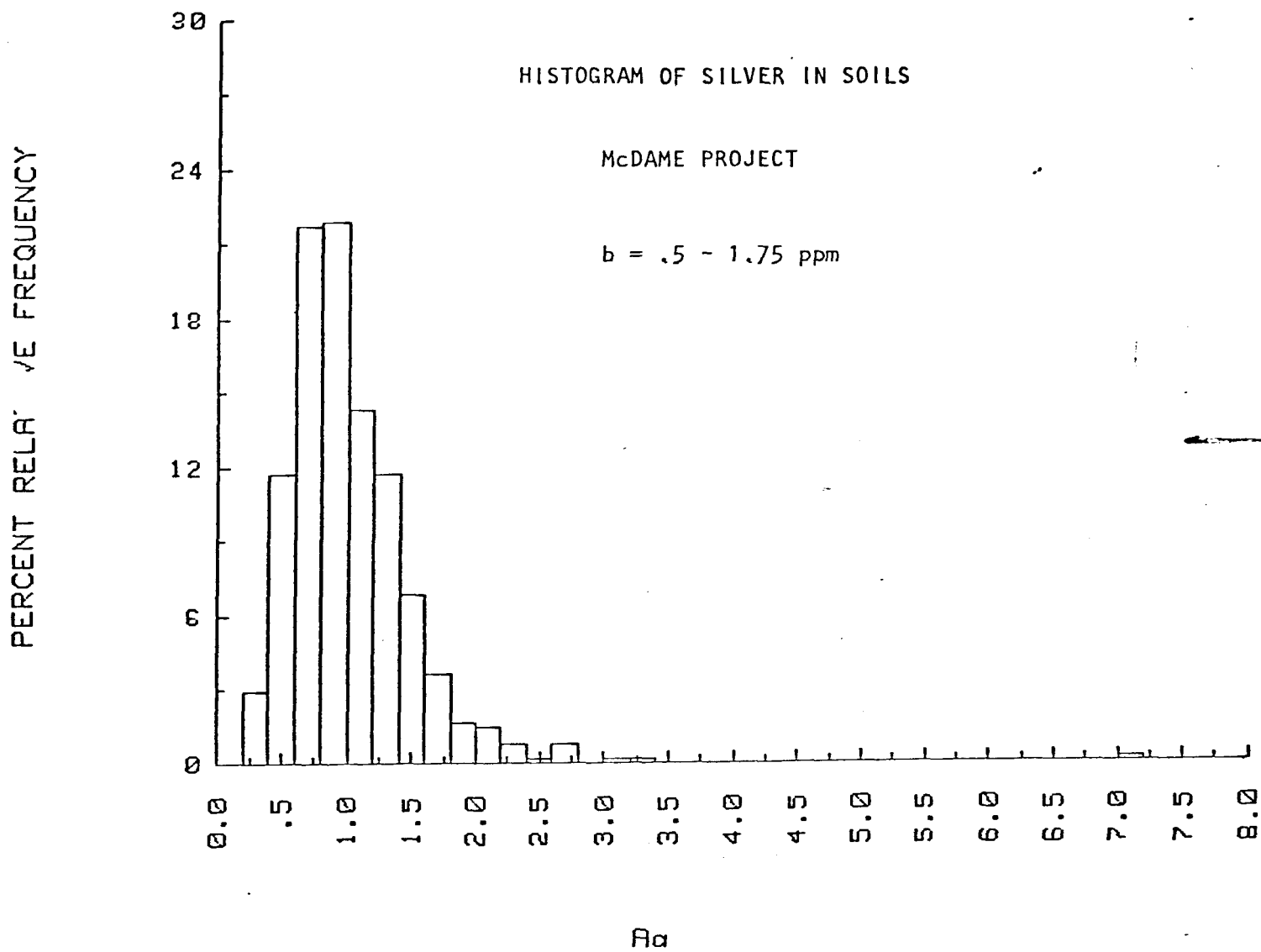
b = 10-45 ppm.



McDAME - 2150 SKY GRID (ANDESITE)



McDAME - 2150 SKY GRID (ANDESITE)



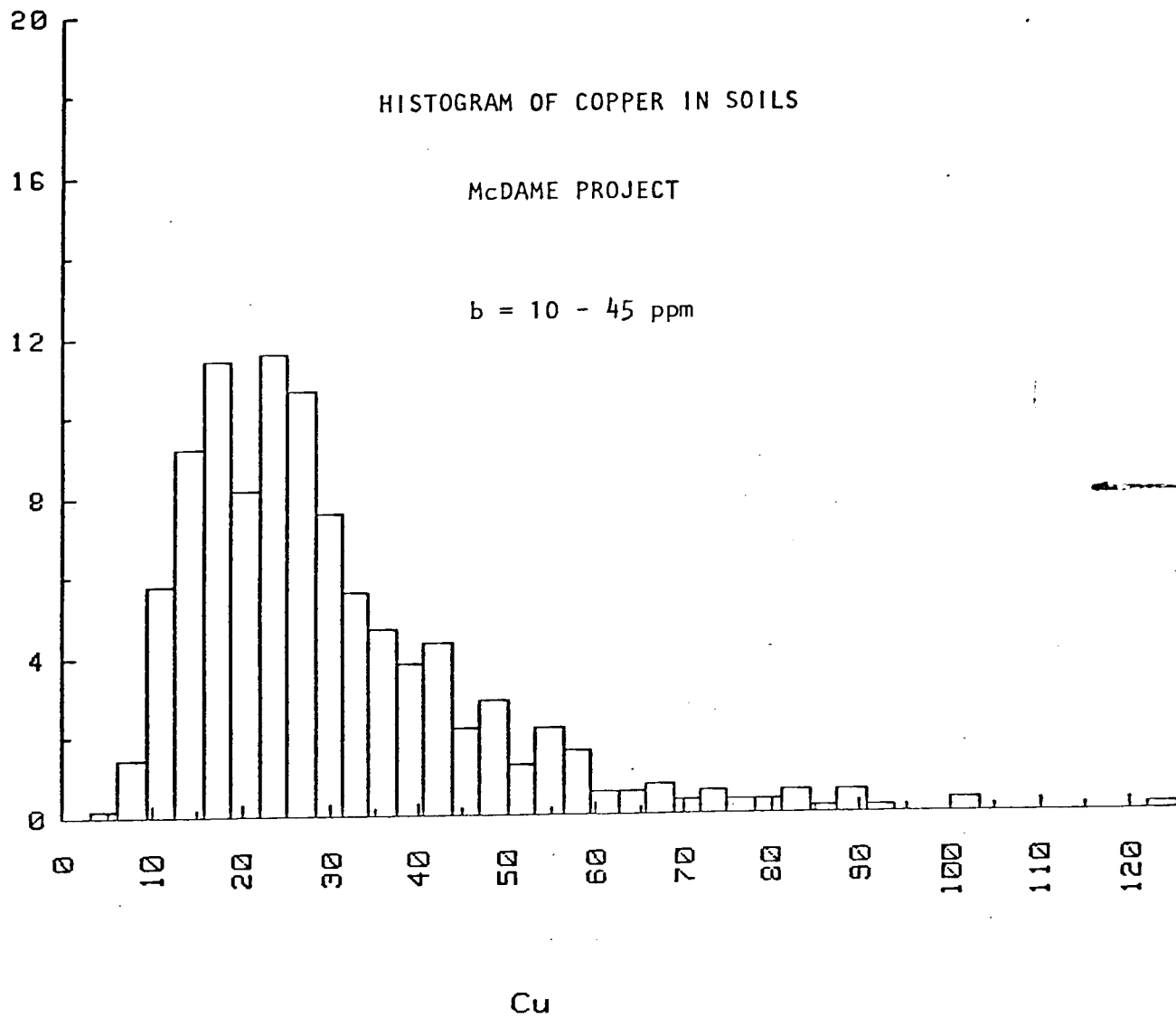
McDAME - 2150 SKY GRID (ANDESITE)

HISTOGRAM OF COPPER IN SOILS

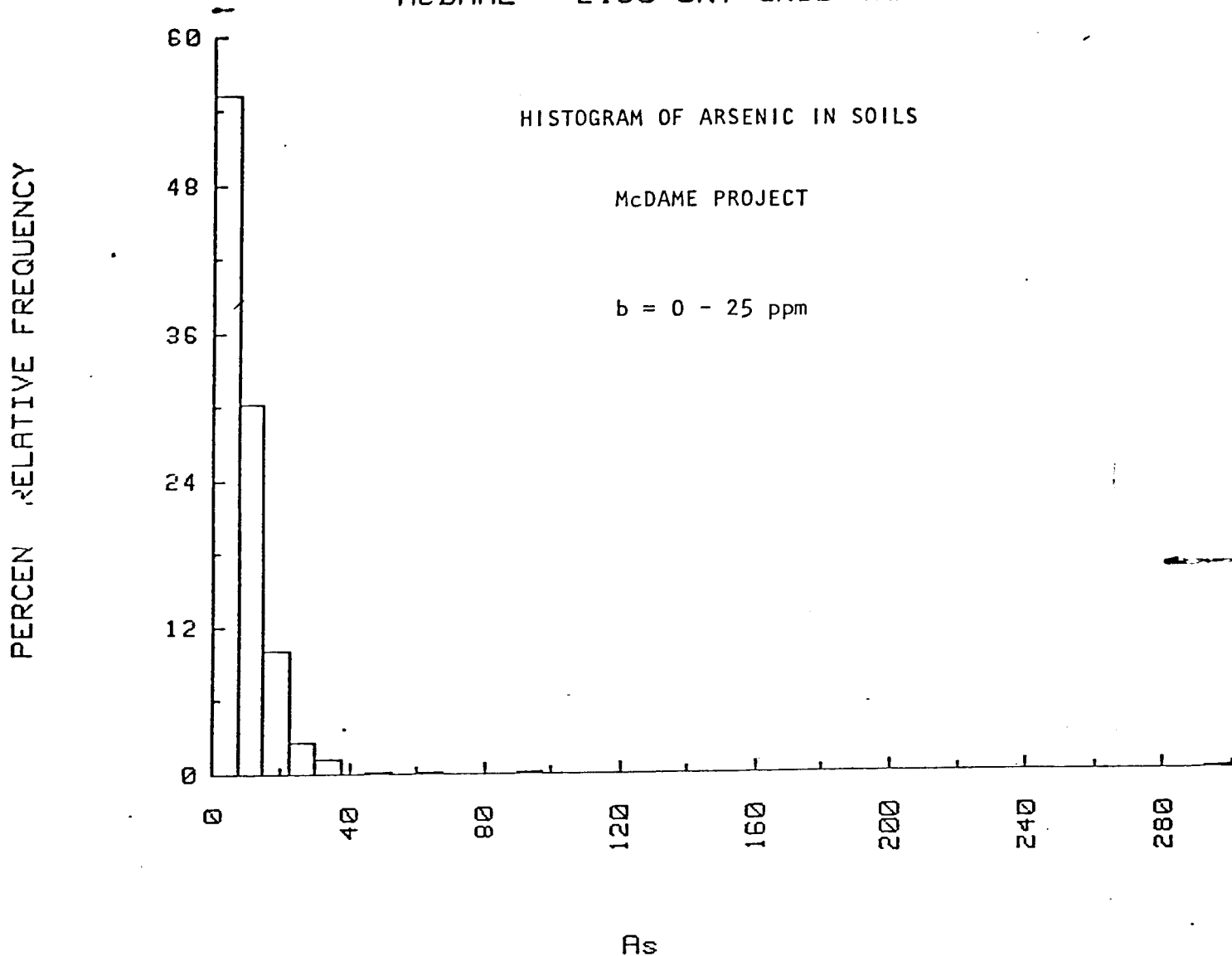
McDAME PROJECT

b = 10 - 45 ppm

PERCENT RELATIVE FREQUENCY

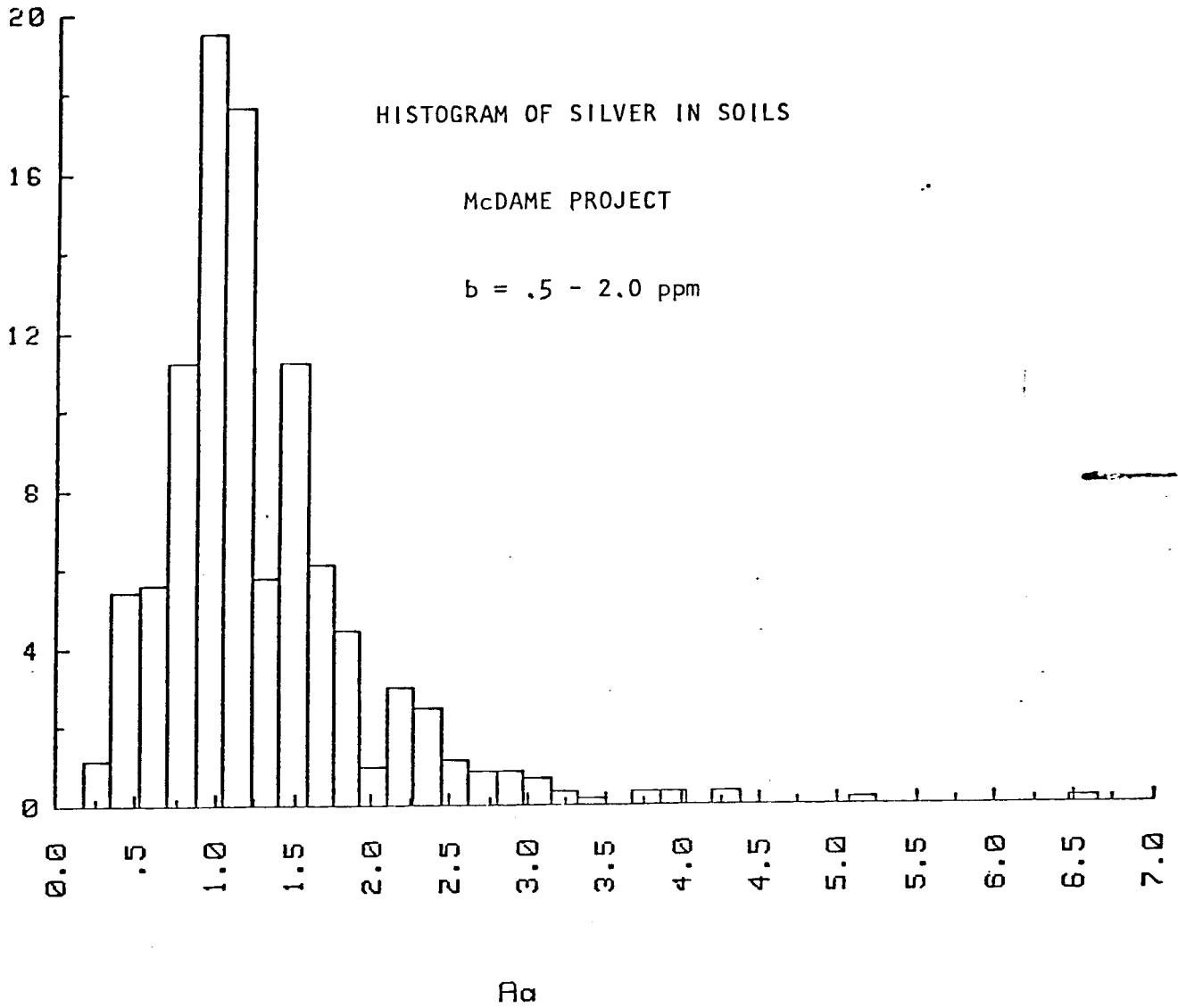


McDAME - 2150 SKY GRID (ARGILLITE)

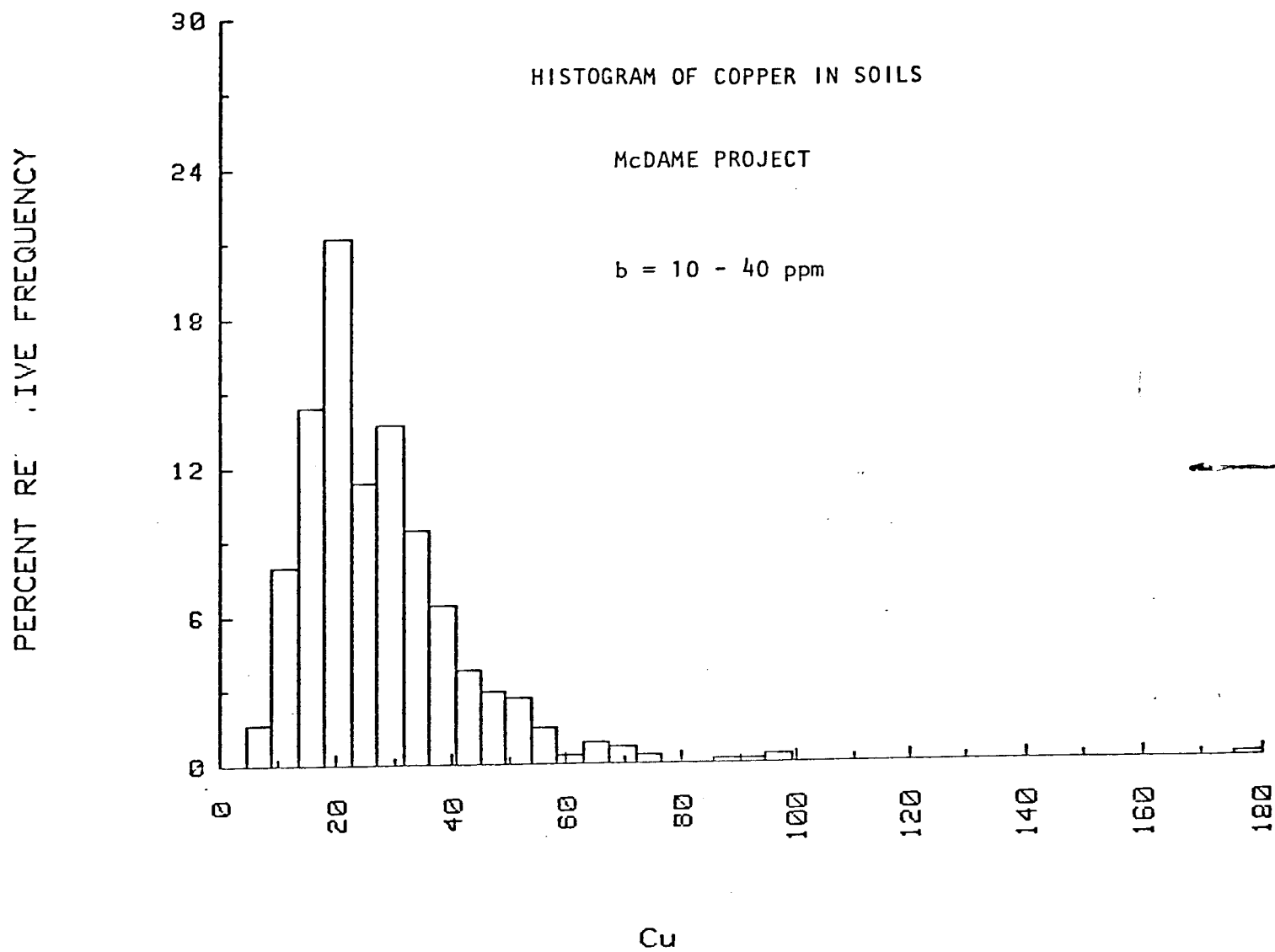


McDAME - 2150 SKY GRID (ARGILLITE)

PERCENT RELATIVE FREQUENCY



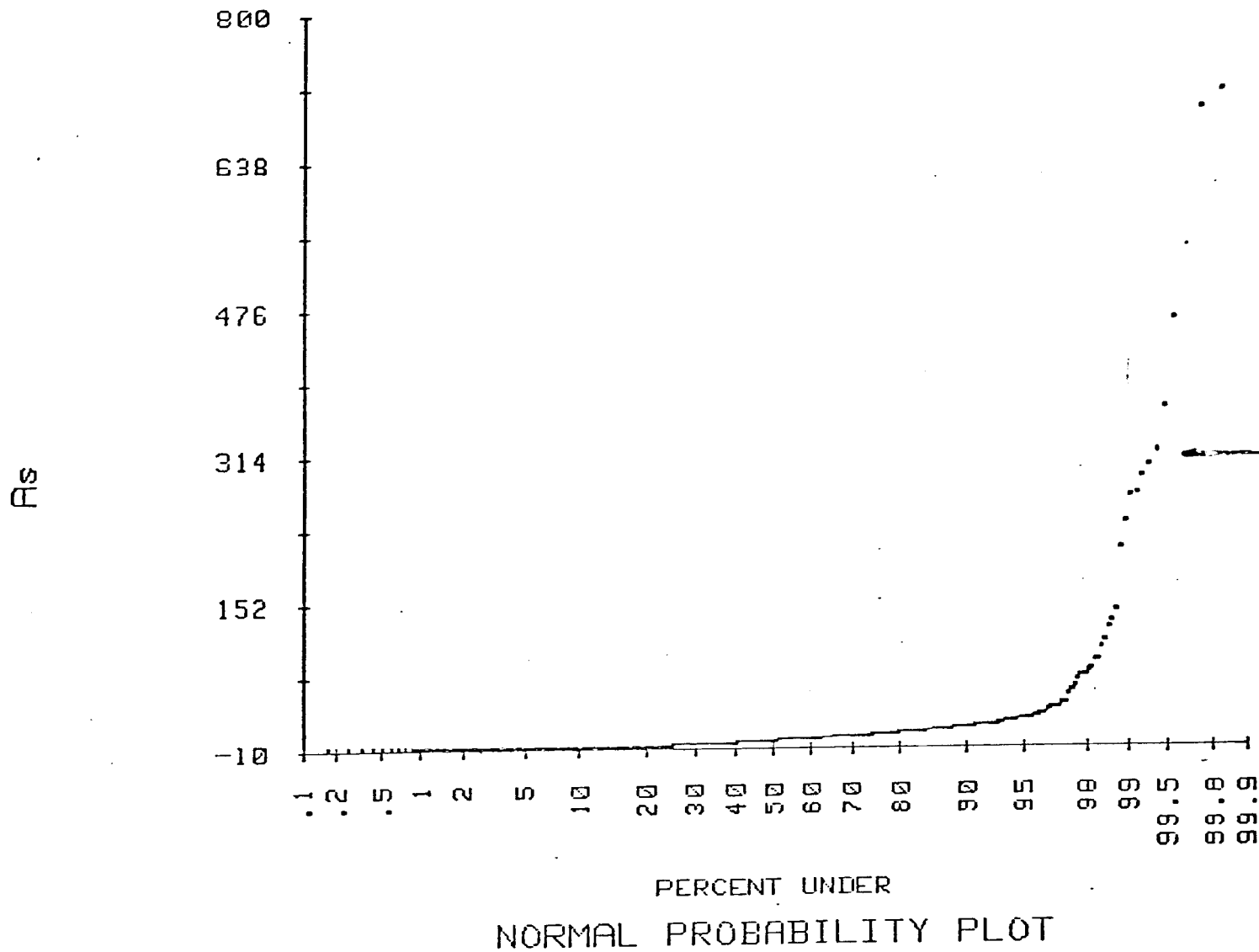
McDAME - 2150 SKY GRID (ARGILLITE)



ARSENIC: NORMAL PROBABILITY PLOT

McDAME PROJECT

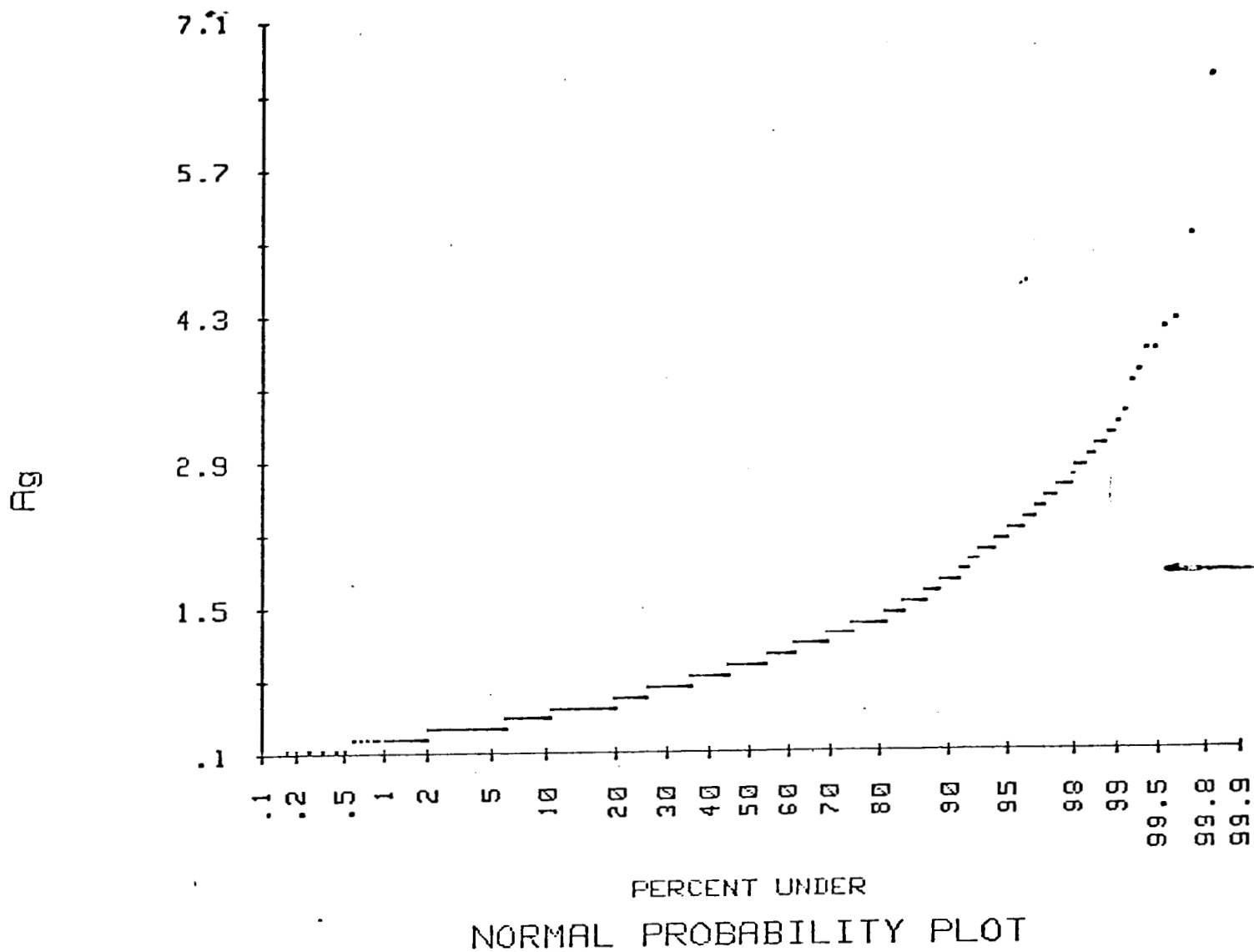
McDAME-2150 SKY GRID



SILVER: NORMAL PROBABILITY PLOT

McDAME PROJECT

McDAME-2150 SKY GRID

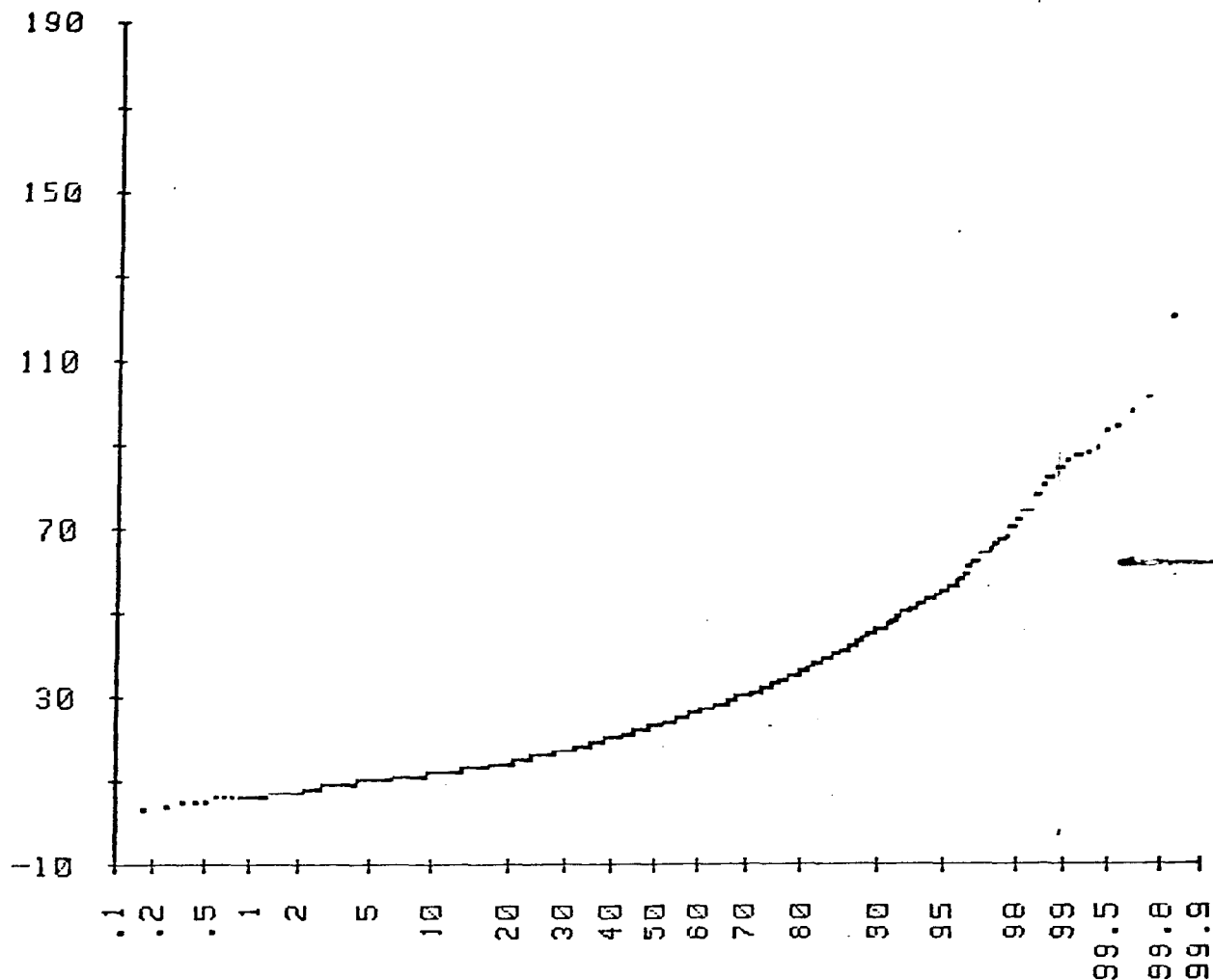


COPPER: NORMAL PROBABILITY PLOT

McDAME PROJECT

McDAME-2150 SKY GRID

Cu

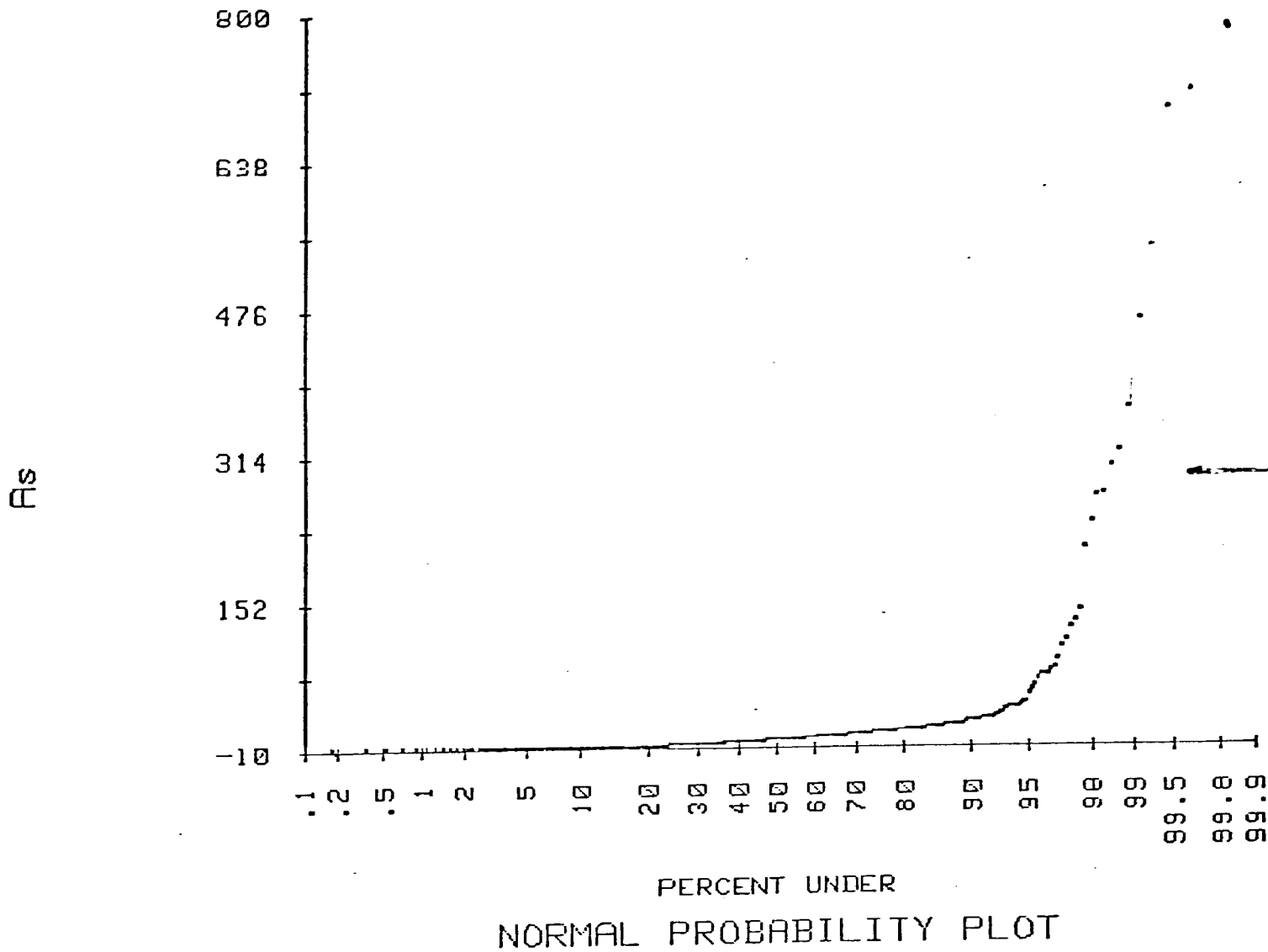


PERCENT UNDER
NORMAL PROBABILITY PLOT

ARSENIC: NORMAL PROBABILITY PLOT

McDAME PROJECT

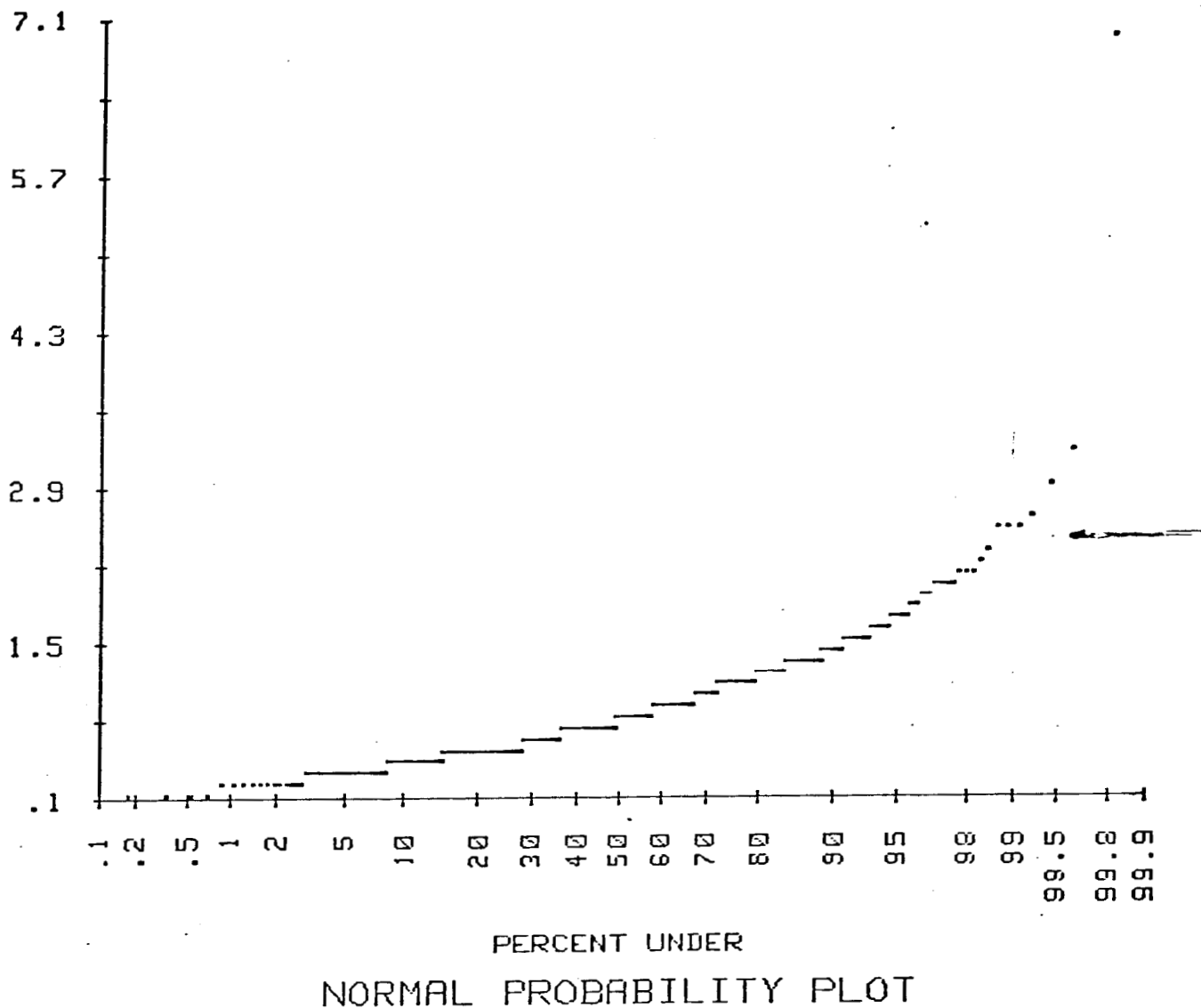
McDAME - 2150 SKY GRID (ANDESITE)



SILVER: NORMAL PROBABILITY PLOT

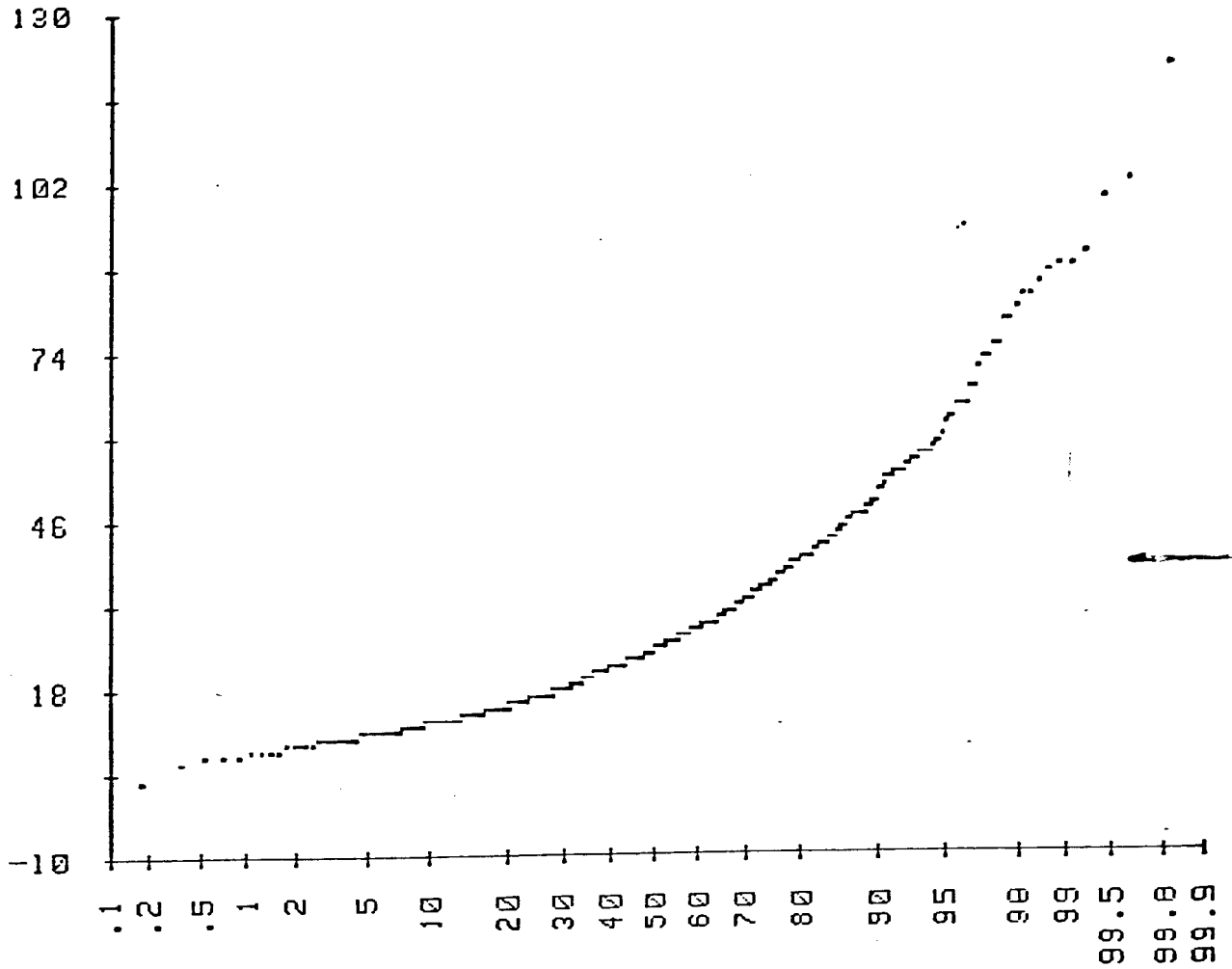
McDAME PROJECT

McDAME - 2150 SKY GRID (ANDESITE)



COPPER: NORMAL PROBABILITY PLOT
McDAME PROJECT

McDAME - 2150 SKY GRID (ANDESITE)

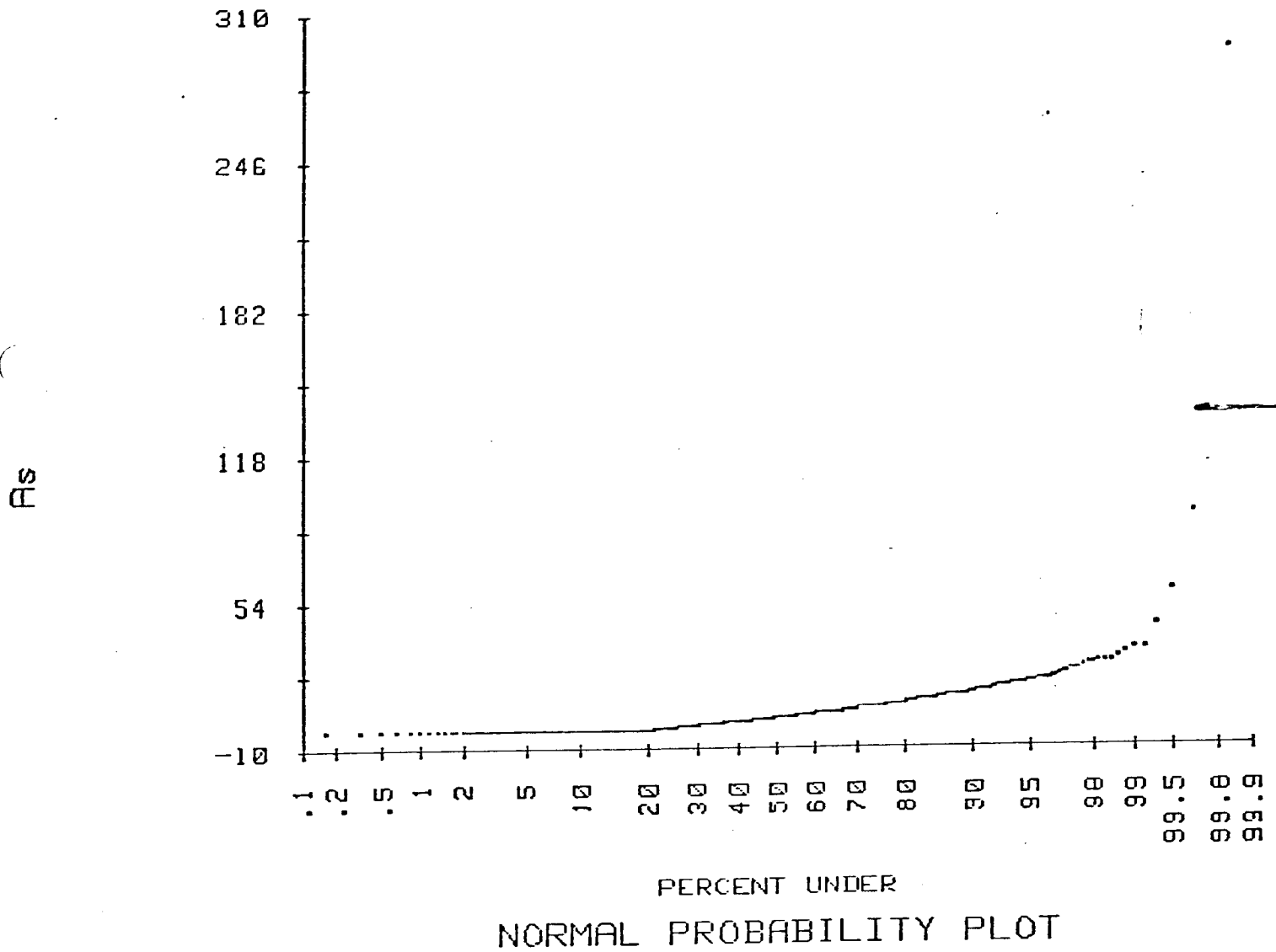


PERCENT UNDER
NORMAL PROBABILITY PLOT

ARSENIC: NORMAL PROBABILITY PLOT

McDAME PROJECT

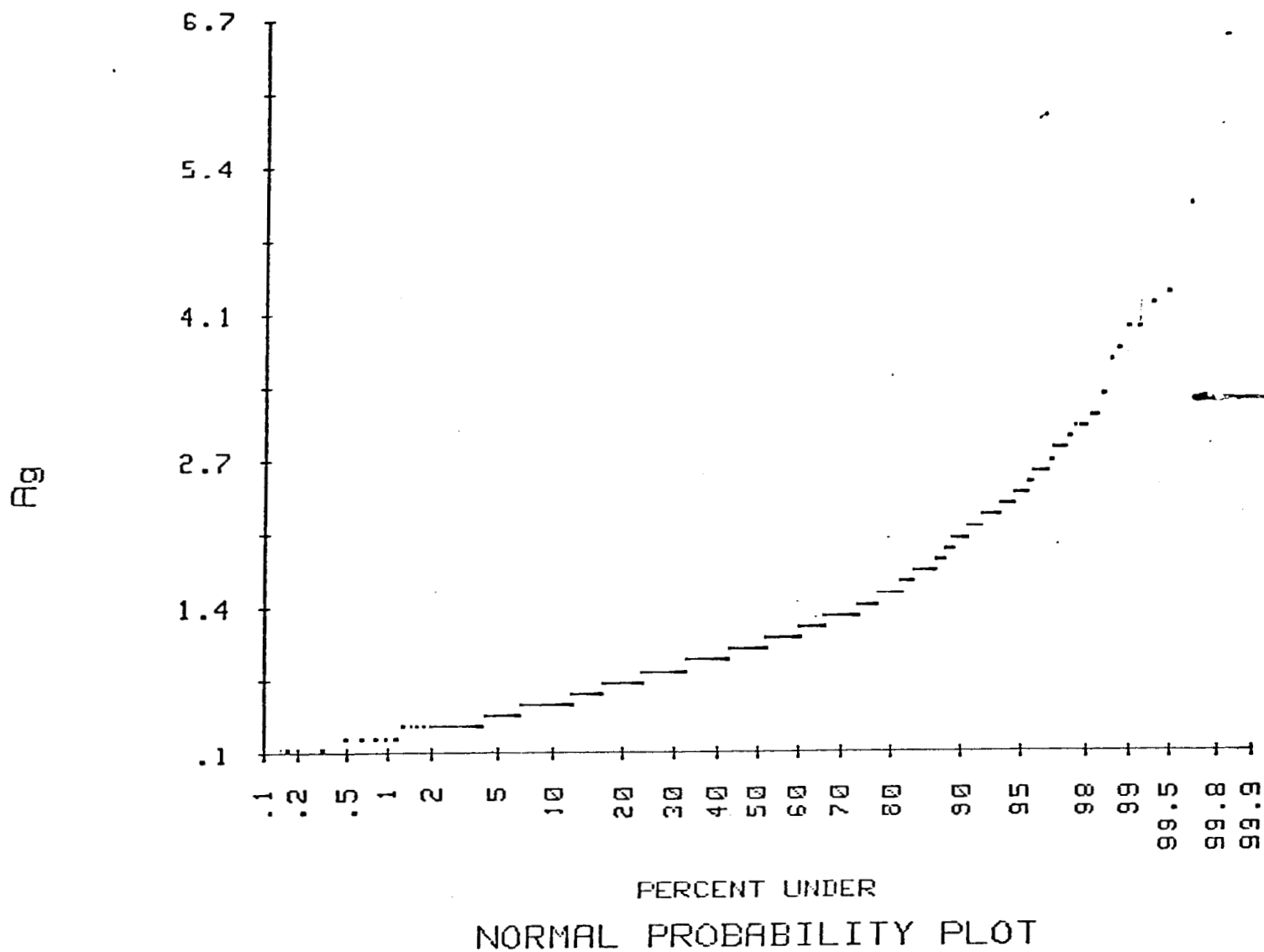
McDAME - 2150 SKY GRID (ARGILLITE)



SILVER: NORMAL PROBABILITY PLOT

McDAME PROJECT

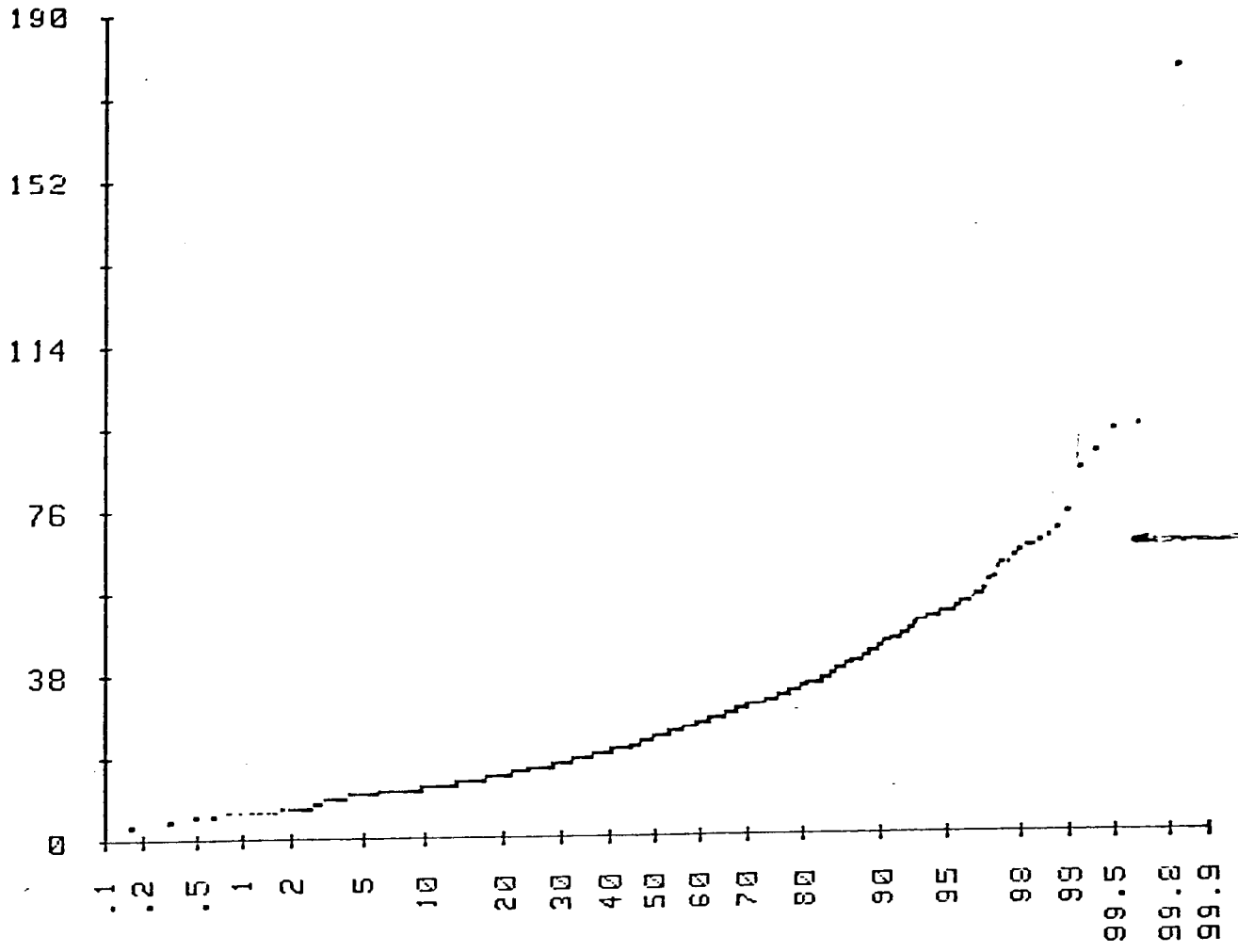
McDAME - 2150 SKY GRID (ARGILLITE)



COPPER: NORMAL PROBABILITY PLOT

McDAME PROJECT

McDAME - 2150 SKY GRID (ARGILLITE)

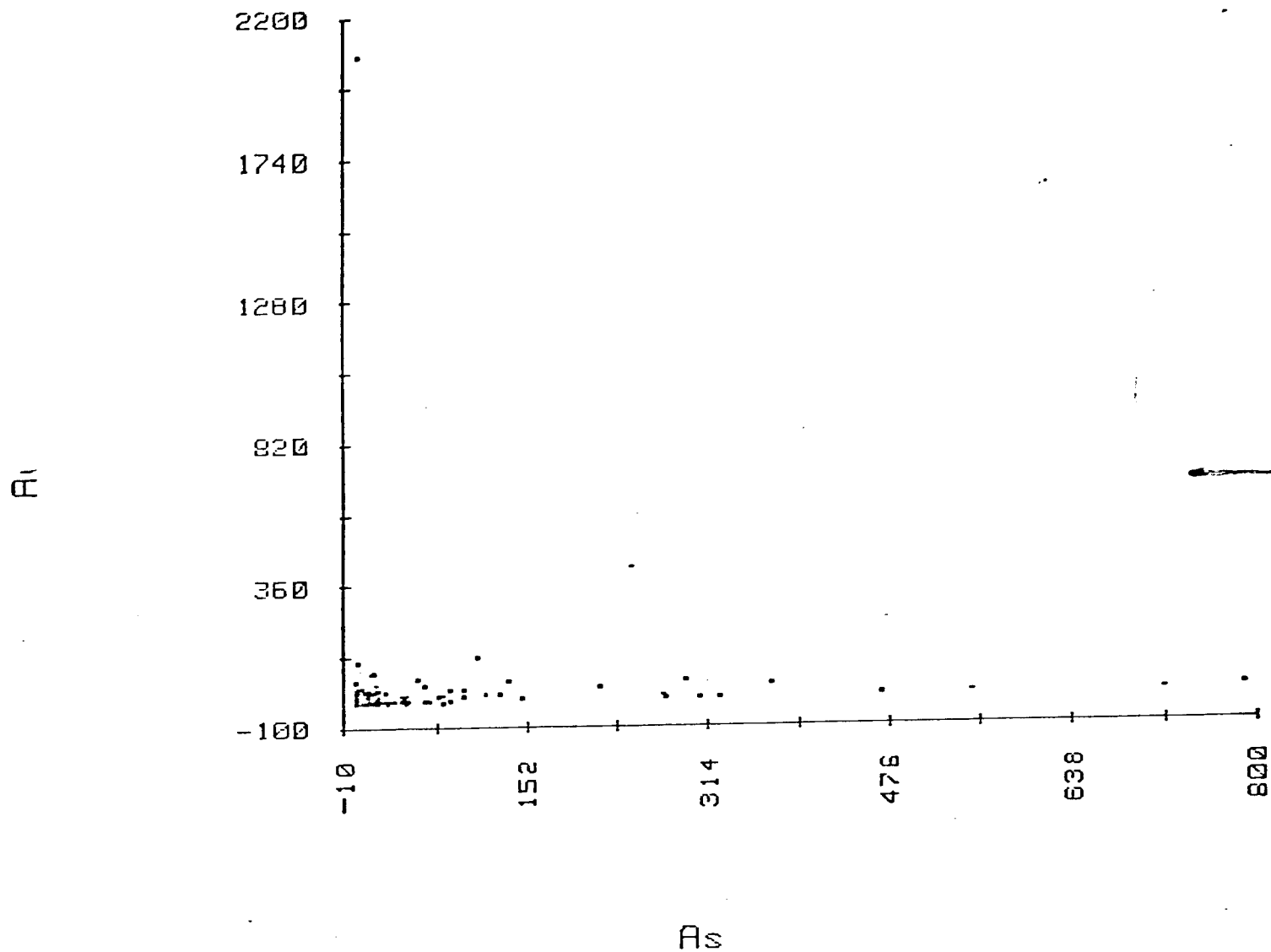


PERCENT UNDER
NORMAL PROBABILITY PLOT

Au/As: SCATTERGRAM

McDAME PROJECT

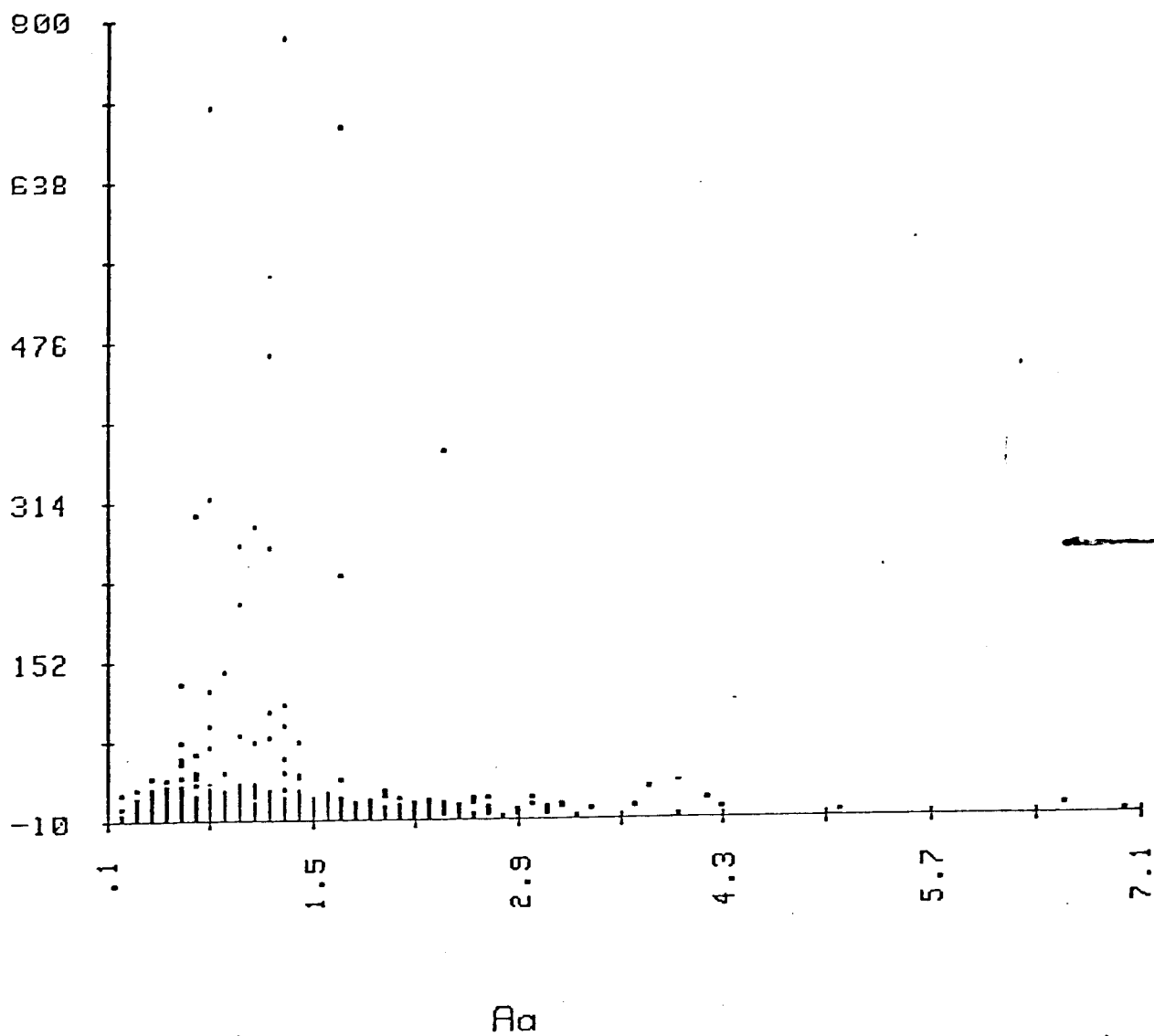
McDAME-2150 SKY GRID



As/Ag: SCATTERGRAM

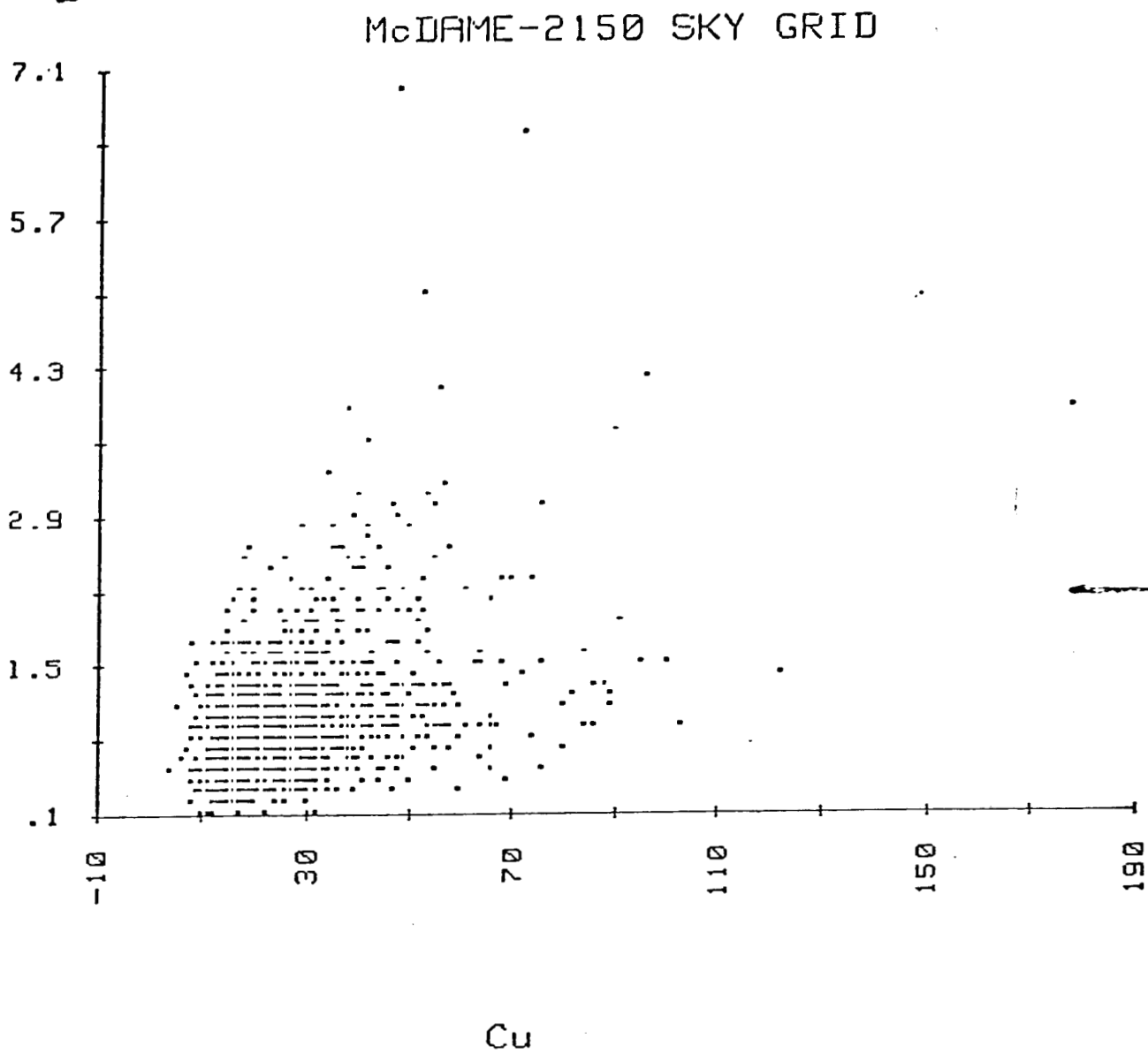
McDAME PROJECT

McDAME-2150 SKY GRID



Ag/Cu: SCATTERGRAM

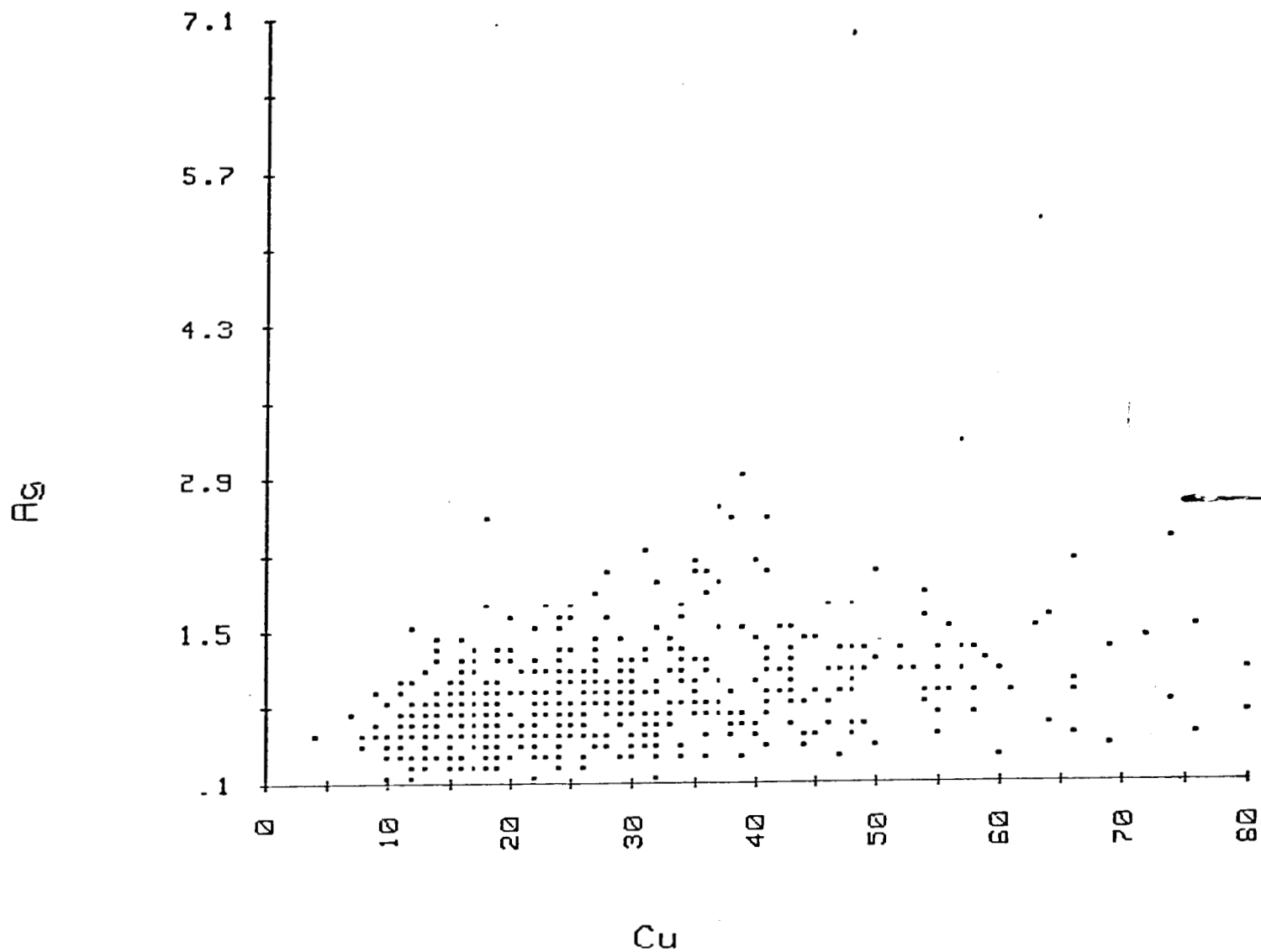
McDAME PROJECT



Ag/Cu: SCATTERGRAM

McDAME PROJECT

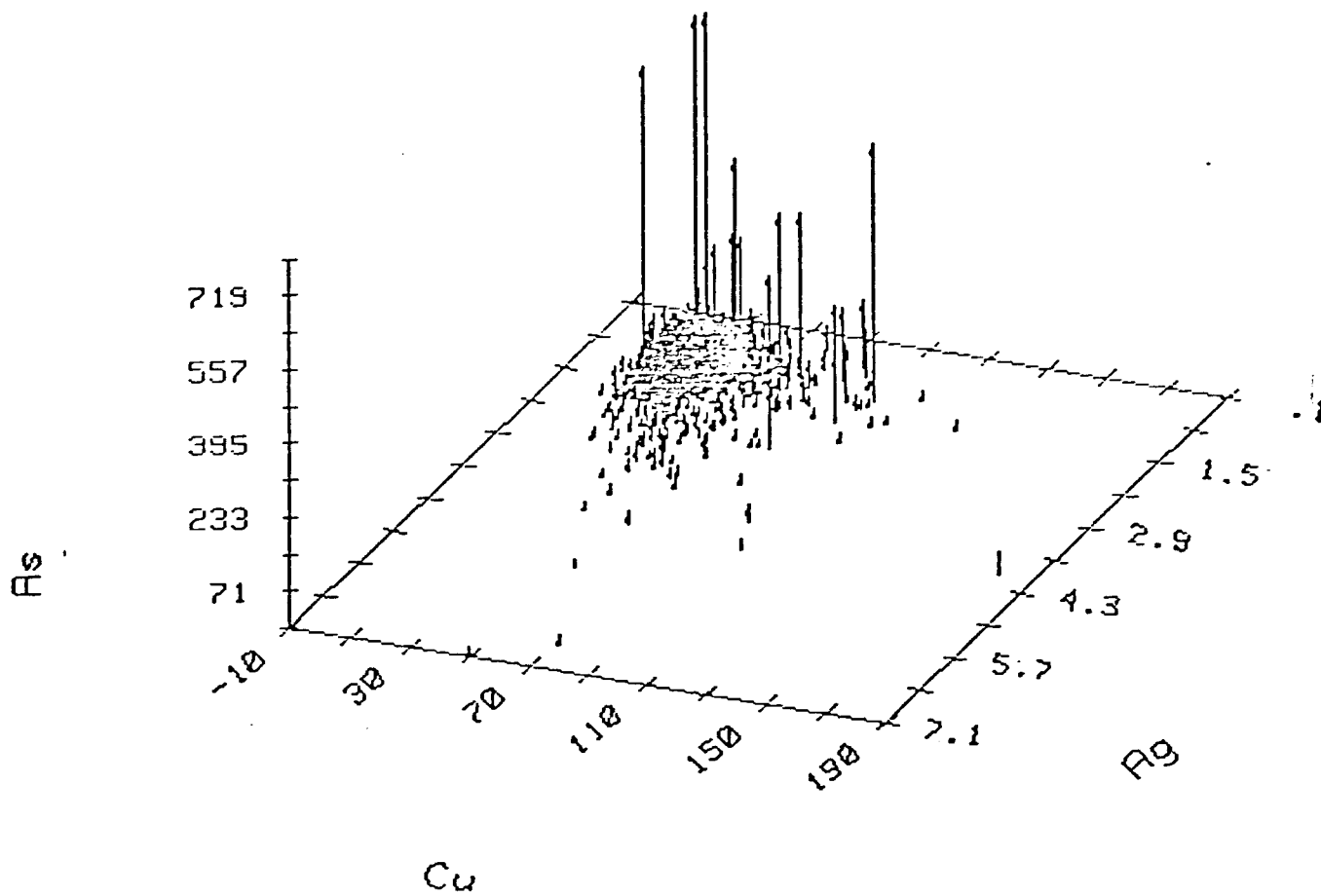
McDAME - 2150 SKY GRID (ANDESITE)



As/Cu/Ag: SCATTERGRAM

McDAME PROJECT

McDAME-2150 SKY GRID

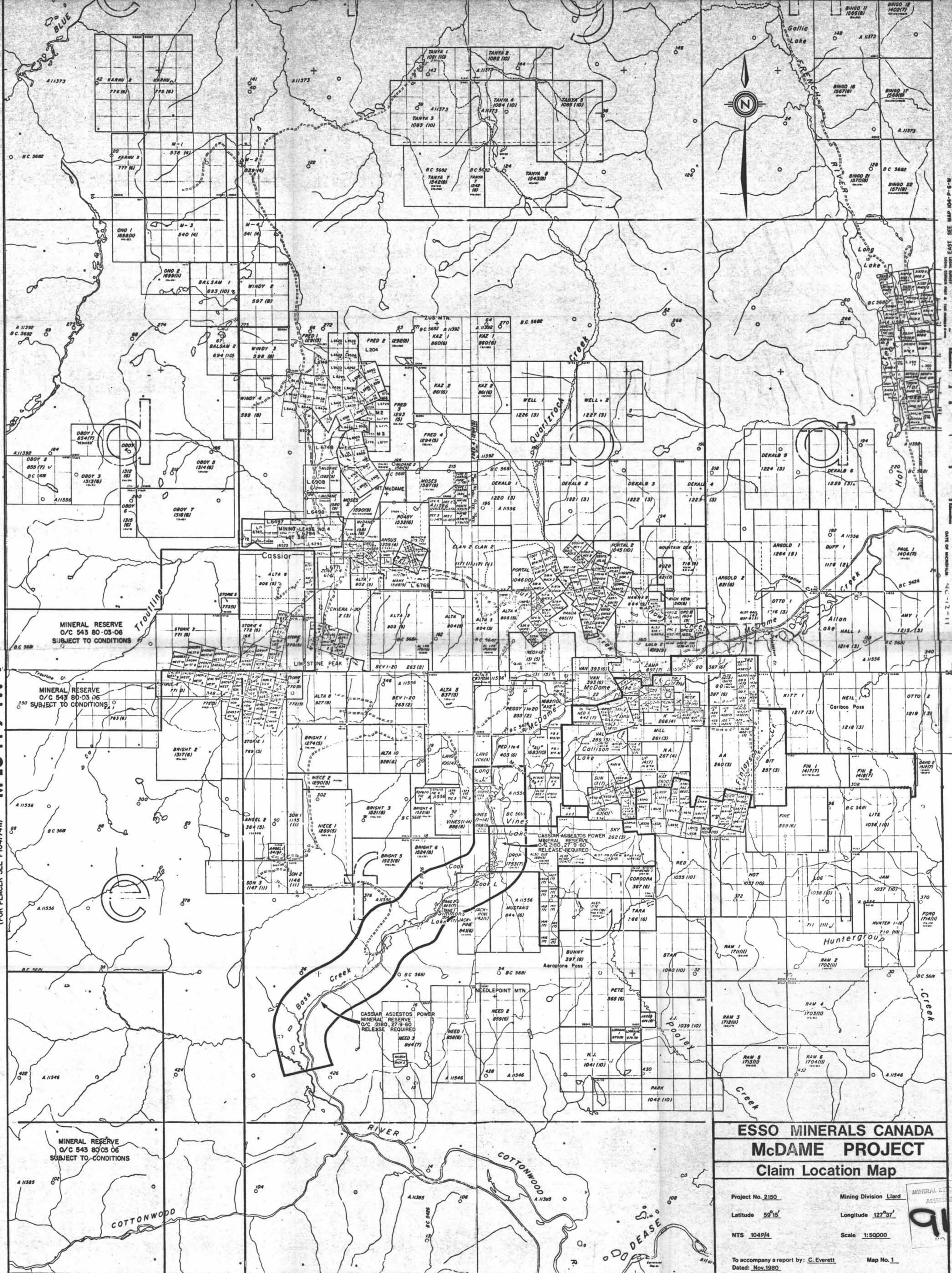


TO WEST SEE MAP 104P-0-5-E

M 104P/4W

(FOR PLACER SEE P104P/4W)

TO WEST SEE MAP 104P-0-1-E



ESSO MINERALS CANADA
McDAME PROJECT
Claim Location Map

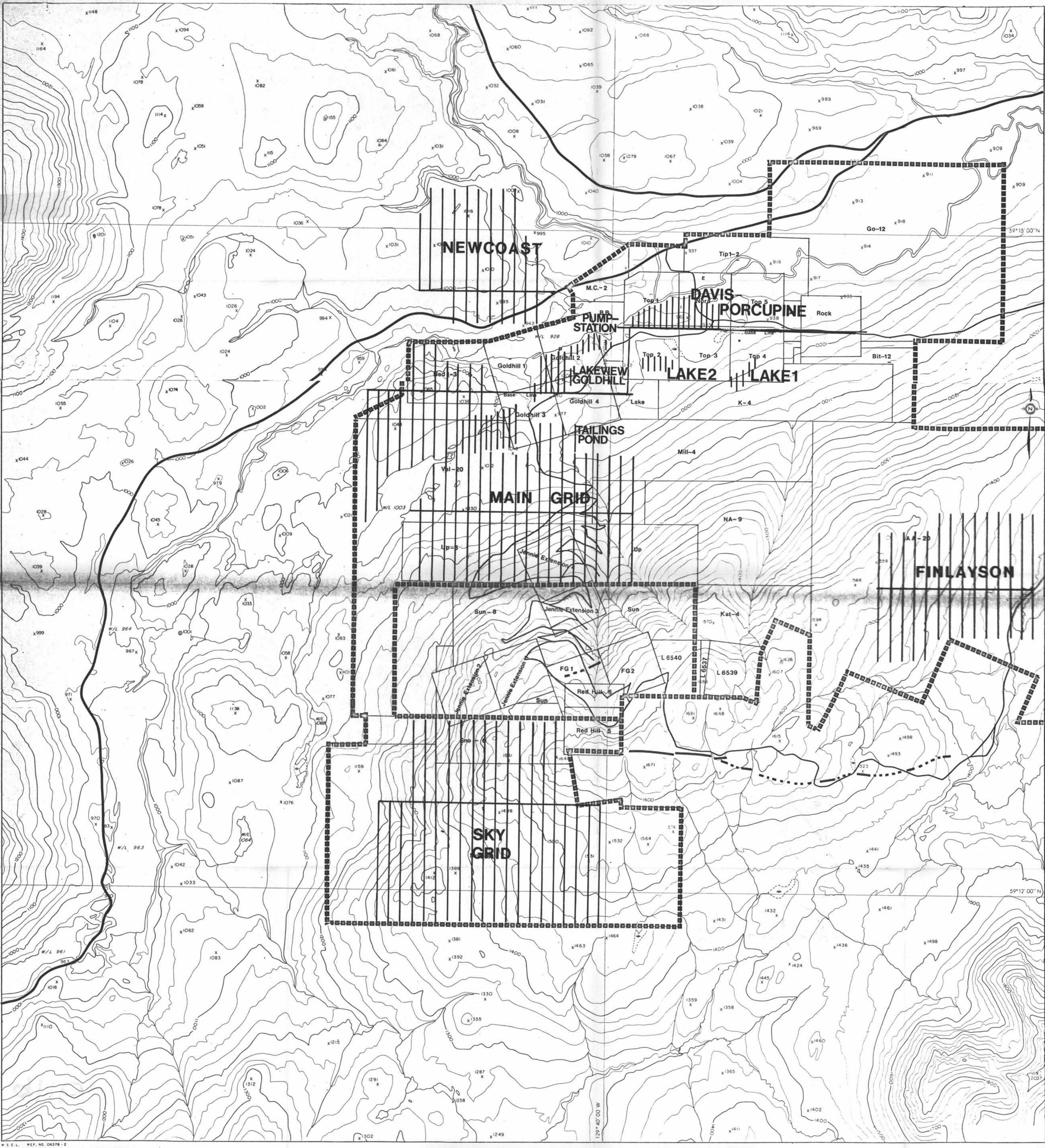
Project No. 2150 Mining Division 11ard
 Latitude 59°15' Longitude 127°37'
 NTS 104P/4 Scale 1:50000
 To accompany a report by: C. Everett Map No. 1
 Dated: Nov. 1980

MINERAL RESOURCES (PLAN) ASSESSMENT REPORT
9116

EAST SEE MAP 104P-0-6-W

TO WEST SEE MAP 104P-0-1-E

SEE MAP 08P-3-W



Claim Name - Number Of Units

- SYMBOLS**
- Discovered area
 - Rock outcrop, area of outcrop, float
 - Geological boundary (defined, approximate interpreted)
 - Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
 - Bedding, tops unknown (inclined, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lamination, axes of minor folds (horizontal, inclined, vertical)
 - Drag-fold (arrow indicates plunge)
 - Fault (defined, approximate, interpreted)
 - Fault (inclined, vertical)
 - Fault (solid circle indicated downthrow side, arrows indicate relative movement)
 - Thrust fault (approximate, interpreted)
 - Shearing and dip
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)

- Trench
 - Adit or tunnel
 - Rock dump or tailings
 - Quarry or mine
 - Shft. riser, wire
 - Diamond-drill hole
- Contour 2500 - C.I. 25 Metres
- Stream or creek (Perennial, intermittent)
- Marsh
- Lot
- Levee
- Road
- Jeep Road
- Trail
- Tree

9116

ESSO MINERALS CANADA

McDAME PROJECT

Claim Map

Grid Location Map

Project No. 2150 Mining Division LIARD

Latitude 59° 15' Longitude 129° 40'

NTS 104P/4

To Accompany A Report By **P. Godkin**

Date: **Jan. 1980** Map No. **2**

-2+00 S

-3+00 S

-4+00 S

-5+00 S

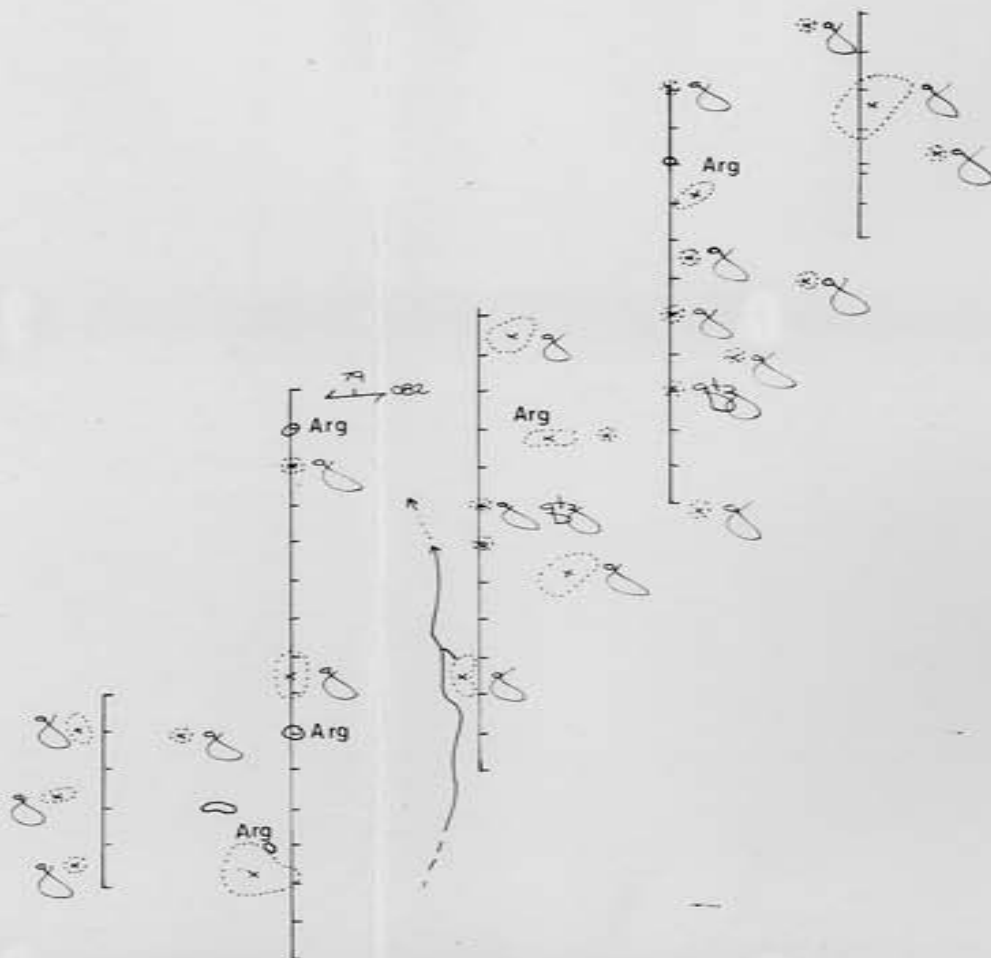
8+50

9+00

9+50

10+00

10+50



-2+00 S

-3+00 S

-4+00 S

-5+00 S

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9116

NO.

McDAME PROJECT

LAKE #1
GEOLOGY

PROJECT No	2150	SCALE	1: 2000
MAP No	3	DATE	Nov 1980



2+00S—

—2+00S

3+00S—

—3+00S

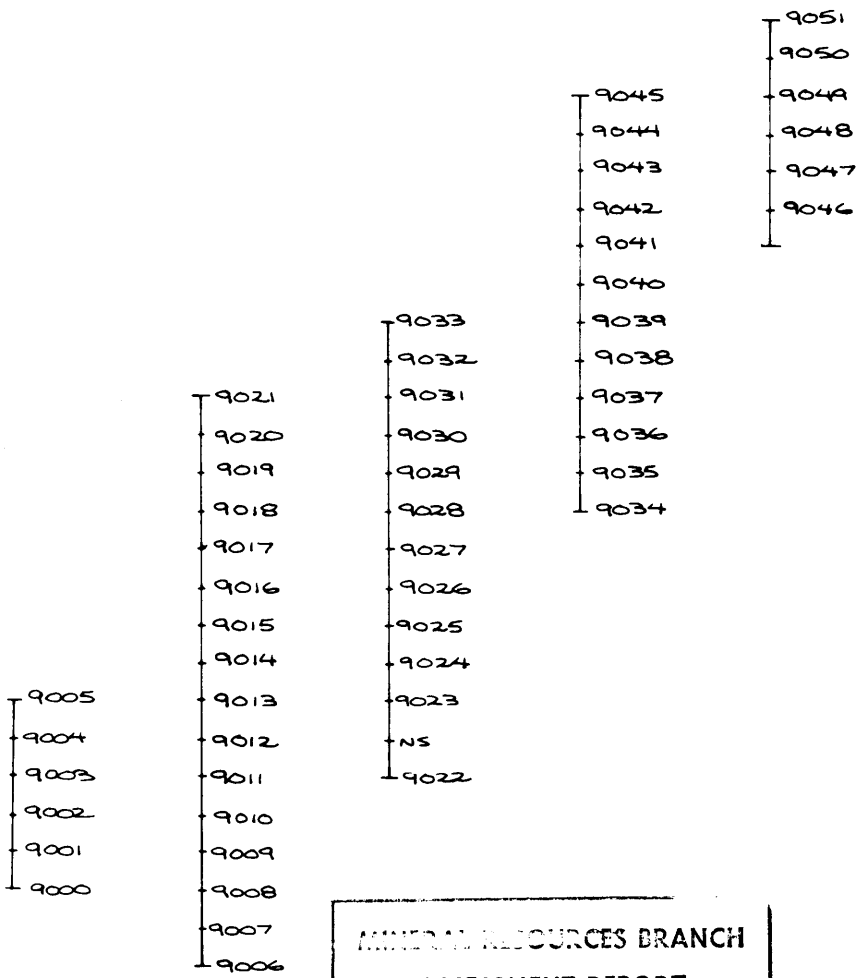
4+00S—

—4+00S

5+00S—

—5+00S

8+50E
9+00E
9+50E
10+00E
10+50E



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____

Sample Location

SCALE: 1 cm. = 20 METRES

McDAME PROJECT	
LAKE #1 SAMPLE LOCATION	
PROJECT No 2150	SCALE 1:2000
MAP No 4	DATE Nov 1980

8+50E

9+00E

9+50E

10+00E

10+50E



2+00S

-2+00S

3+00S

-3+00S

4+00S

-4+00S

5+00S

-5+00S

10 28
 20 19
 5 32
 15 29
 <5 11
 5 7

20 5
 10 14
 20 23
 10 18
 10 15
 5 6
 <5 22
 20 22
 5 11
 <5 13
 <5 18
 30 14
 5 23
 5 25
 <5 28
 20 32

20 23
 20 53
 5 42
 10 21
 20 27
 30 18
 <5 21
 <5 24
 20 30
 15 6
 20 18
 5 15

15 36
 20 7
 20 6
 26 3
 25 12
 20 10
 30 18
 20 36
 20 5
 25 2
 30 16
 10 13

30 3
 35 <1
 35 3
 45 10
 10 14
 15 4

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO.

SCALE: 1cm. = 20 METRES

FOLD (ppb.) - Arsenic (ppm.)

McDAME PROJECT	
LAKE #1 Au/As GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 5	DATE Nov 1980

2+00S—

3+00S—

4+00S—

5+00S—

—8+50E

—9+00E

—9+50E

—10+00E

—10+50E



—2+00S

—3+00S

—4+00S

—5+00S

0.9	42
1.1	21
1.4	31
2.7	62
1.7	42
1.8	44
1.5	37
1.2	31
3.2	85
5.1	84
1.5	42
1.6	42
2.4	30
3.3	108
3.1	140
2.8	125

0.6	37
1.5	67
0.7	36
1.8	24
1.7	46
1.4	40
0.9	23
1.1	35
1.3	39
1.7	48
2.0	50
1.5	61

0.9	18
3.4	112
1.3	33
5.5	123
1.5	24
1.0	17
3.4	106
4.6	137
0.9	13
0.5	19
1.0	20
2.3	34

0.8	15
1.5	24
1.1	23
1.3	29
1.9	38
2.2	40

0.7	25
1.3	15
1.9	69
1.3	14
1.0	23
0.8	20

JHP

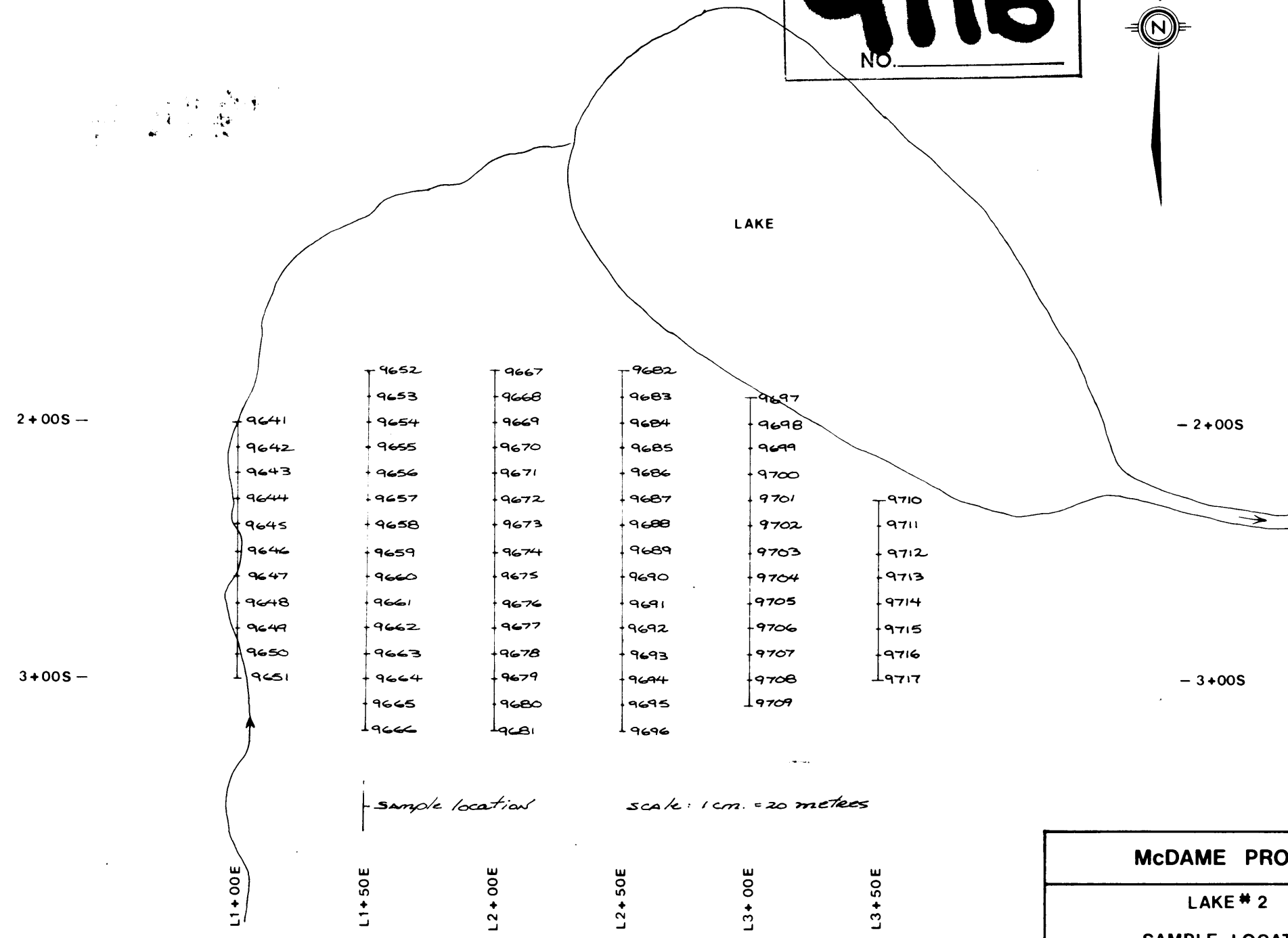
SILVER (ppm.) | Copper (ppm.)

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____

SCALE: 1 CM. = 20 METRES

McDAME PROJECT	
LAKE #1 Ag/Cu GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 6	DATE Nov 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____



McDAME PROJECT	
LAKE # 2	
SAMPLE LOCATION	
PROJEC No 2150	SCALE 1:2000
MAP No 7	DATE Nov 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____



2+00S -

- 2+00S

3+00S -

- 3+00S

15	81	5	96	5	56	<5	15	<5	12		
45	75	<5	63	5	51	<5	8	5	2		
5	99	5	75	<5	54	<5	3	<5	7		
15	71	5	85	<5	63	5	48	5	9		
30	69	<5	81	5	81	<5	54	5	5	5	12
25	70	15	72	<5	60	5	2	5	5	5	19
5	54	<5	87	5	27	5	61	40	10	5	11
25	99	<5	36	10	77	5	63	5	11	15	9
5	93	5	72	5	85	10	69	15	9	5	6
<5	77	5	43	<5	66	10	72	10	5	5	16
51	62	30	59	20	90	5	77	5	14	5	29
		15	44	15	76	10	84	5	59	5	14
		5	38	55	91	15	57	5	102	5	20
		5	76	10	87	10	48	5	87		
		10	63	5	77	5	51				

SOIL (ppb) - ARSENIC (ppm.)

SCALE: 1CM. = 20 METRES

L1+00E

L1+50E

L2+00E

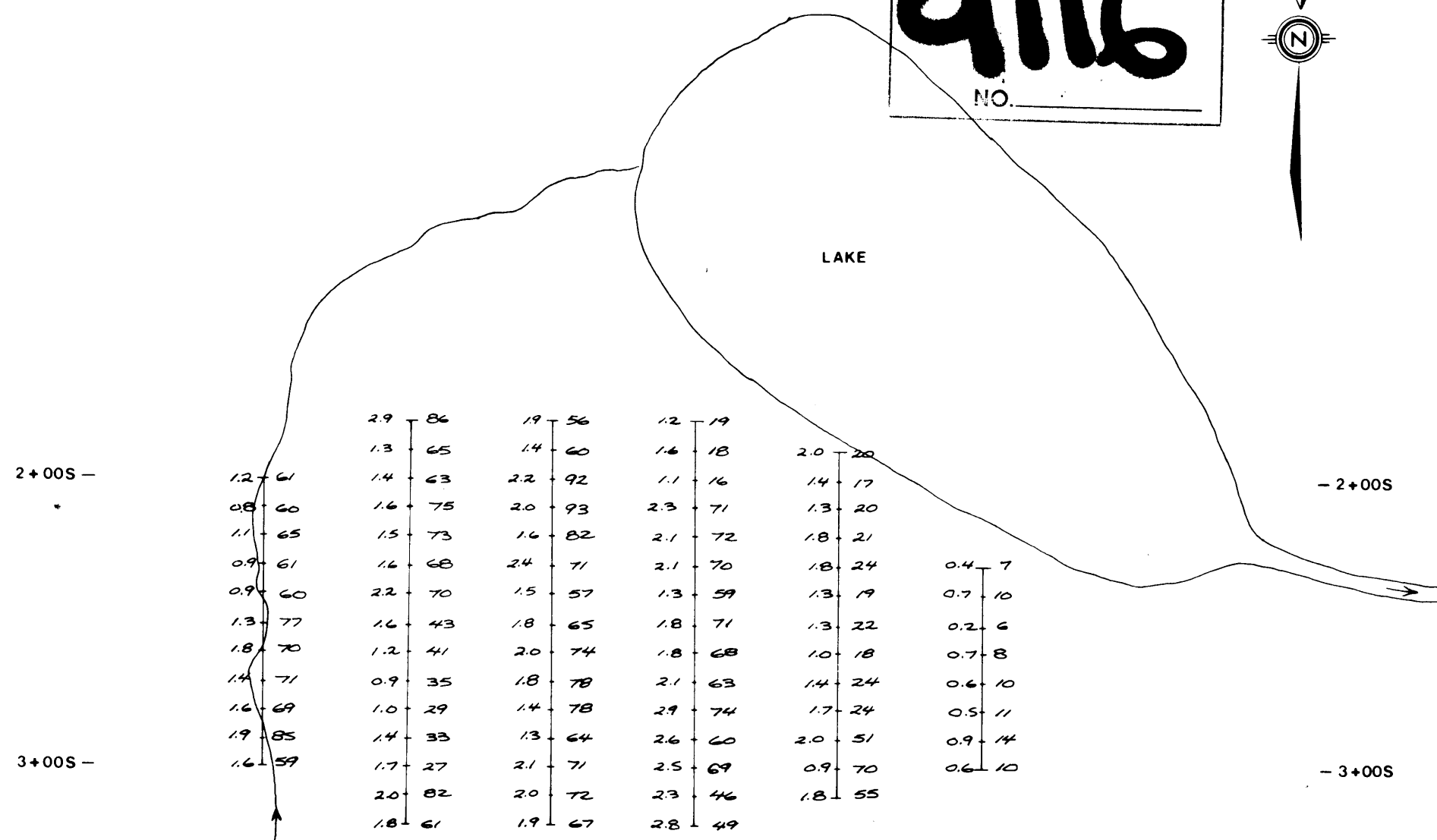
L2+50E

L3+00E

L3+50E

McDAME PROJECT	
LAKE # 2	
Au/As GEOCHEM	
PROJEC No 2150	SCALE 1:2000
MAP No 8	DATE Nov 1980

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO. _____

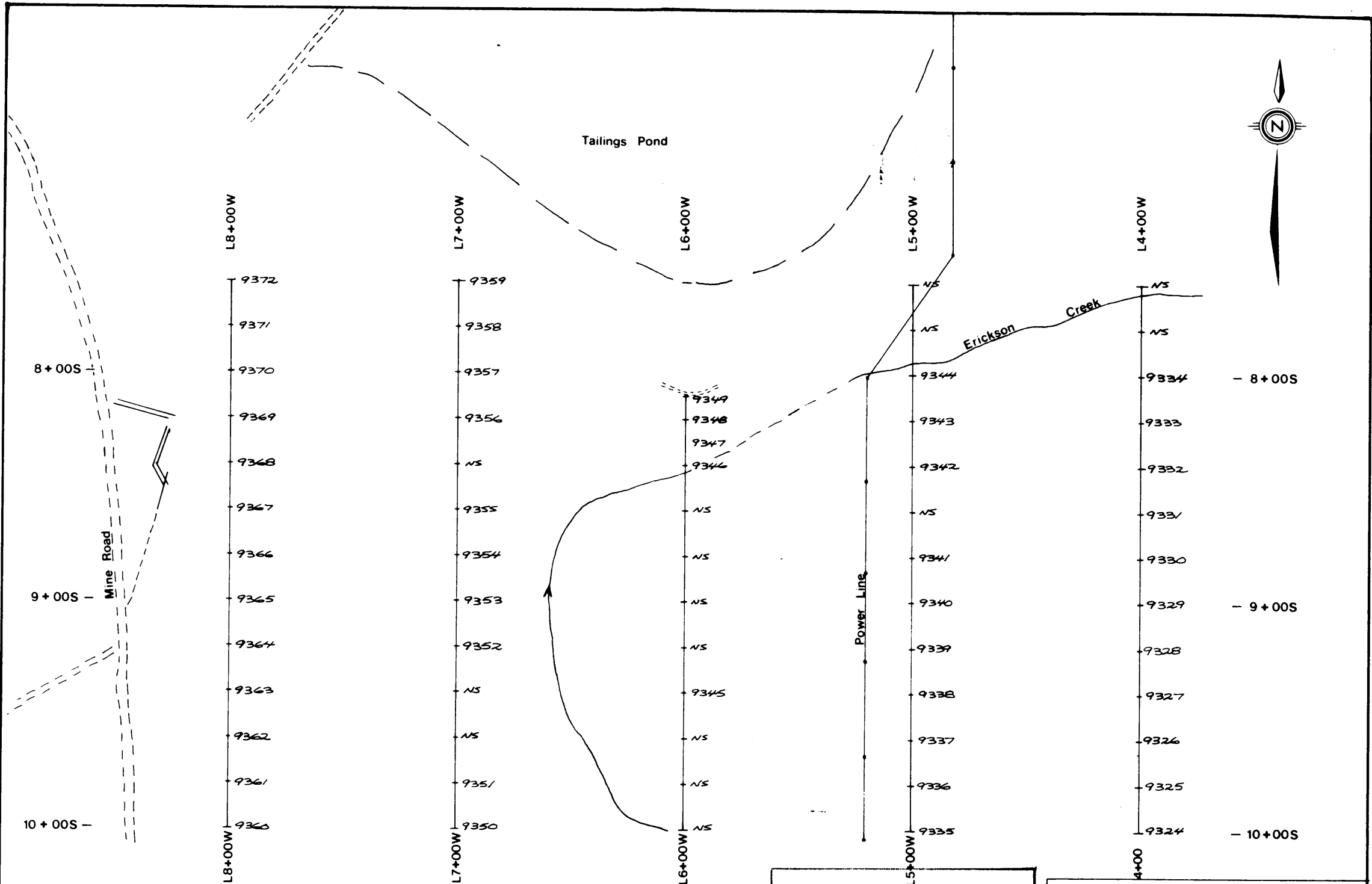


Station	Silver (ppm)	Copper (ppm)
L1+00E	1.2	61
L1+00E	0.8	60
L1+00E	1.1	65
L1+00E	0.9	61
L1+00E	0.9	60
L1+00E	1.3	77
L1+00E	1.8	70
L1+00E	1.4	71
L1+00E	1.6	69
L1+00E	1.9	85
L1+00E	1.6	59
L1+50E	2.9	86
L1+50E	1.3	65
L1+50E	1.4	63
L1+50E	1.6	75
L1+50E	1.5	73
L1+50E	1.6	68
L1+50E	2.2	70
L1+50E	1.6	43
L1+50E	1.2	41
L1+50E	0.9	35
L1+50E	1.0	29
L1+50E	1.4	33
L1+50E	1.7	27
L1+50E	2.0	82
L1+50E	1.8	61
L2+00E	1.9	56
L2+00E	1.4	60
L2+00E	2.2	92
L2+00E	2.0	93
L2+00E	1.6	82
L2+00E	2.4	71
L2+00E	1.5	57
L2+00E	1.8	65
L2+00E	2.0	74
L2+00E	1.8	78
L2+00E	1.4	78
L2+00E	1.3	64
L2+00E	2.1	71
L2+00E	2.0	72
L2+00E	1.9	67
L2+50E	1.2	19
L2+50E	1.6	18
L2+50E	1.1	16
L2+50E	2.3	71
L2+50E	2.1	72
L2+50E	2.1	70
L2+50E	1.3	59
L2+50E	1.8	71
L2+50E	1.8	68
L2+50E	2.1	63
L2+50E	2.9	74
L2+50E	2.6	60
L2+50E	2.5	69
L2+50E	2.3	46
L2+50E	2.8	49
L3+00E	2.0	28
L3+00E	1.4	17
L3+00E	1.3	20
L3+00E	1.8	21
L3+00E	1.8	24
L3+00E	1.3	19
L3+00E	1.3	22
L3+00E	1.0	18
L3+00E	1.4	24
L3+00E	1.7	24
L3+00E	2.0	51
L3+00E	0.9	70
L3+00E	1.8	55
L3+50E	0.4	7
L3+50E	0.7	10
L3+50E	0.2	6
L3+50E	0.7	8
L3+50E	0.6	10
L3+50E	0.5	11
L3+50E	0.9	14
L3+50E	0.6	10

SILVER (ppm) | COPPER (ppm)

SCALE: 1 cm. = 20 metres

McDAME PROJECT	
LAKE # 2	
Ag/Cu GEOCHEM	
PROJEC No 2150	SCALE 1:2000
MAP No 9	DATE Nov 1980



sample location

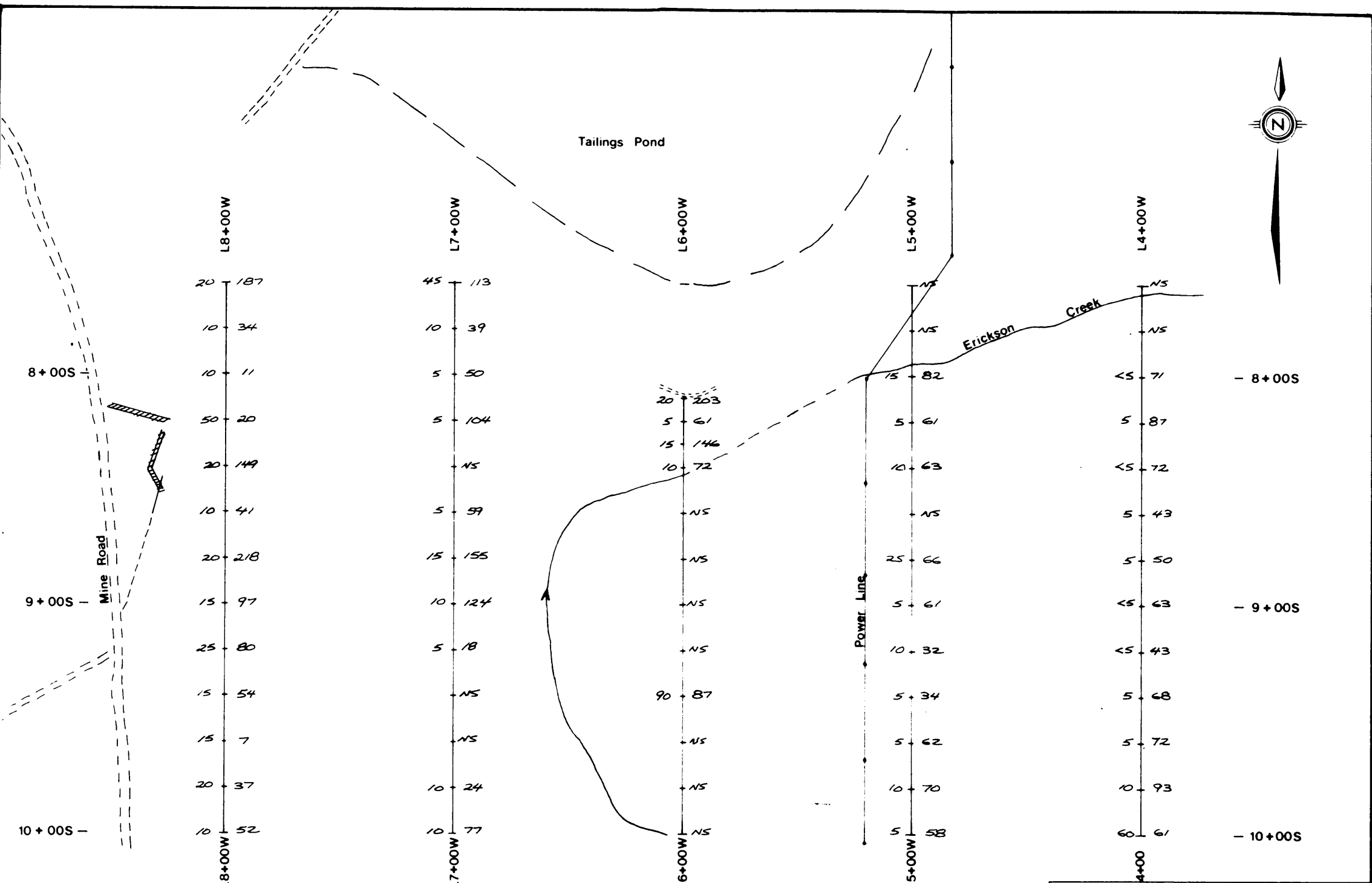
SCALE: 1 cm. = 20 metres

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO. _____

McDAME PROJECT	
TAILINGS POND SAMPLE LOCATION	
PROJECT No 2150	SCALE 1:2000
MAP No 10	DATE Nov 1980



Tailings Pond



Pb (ppb) | As (ppm)

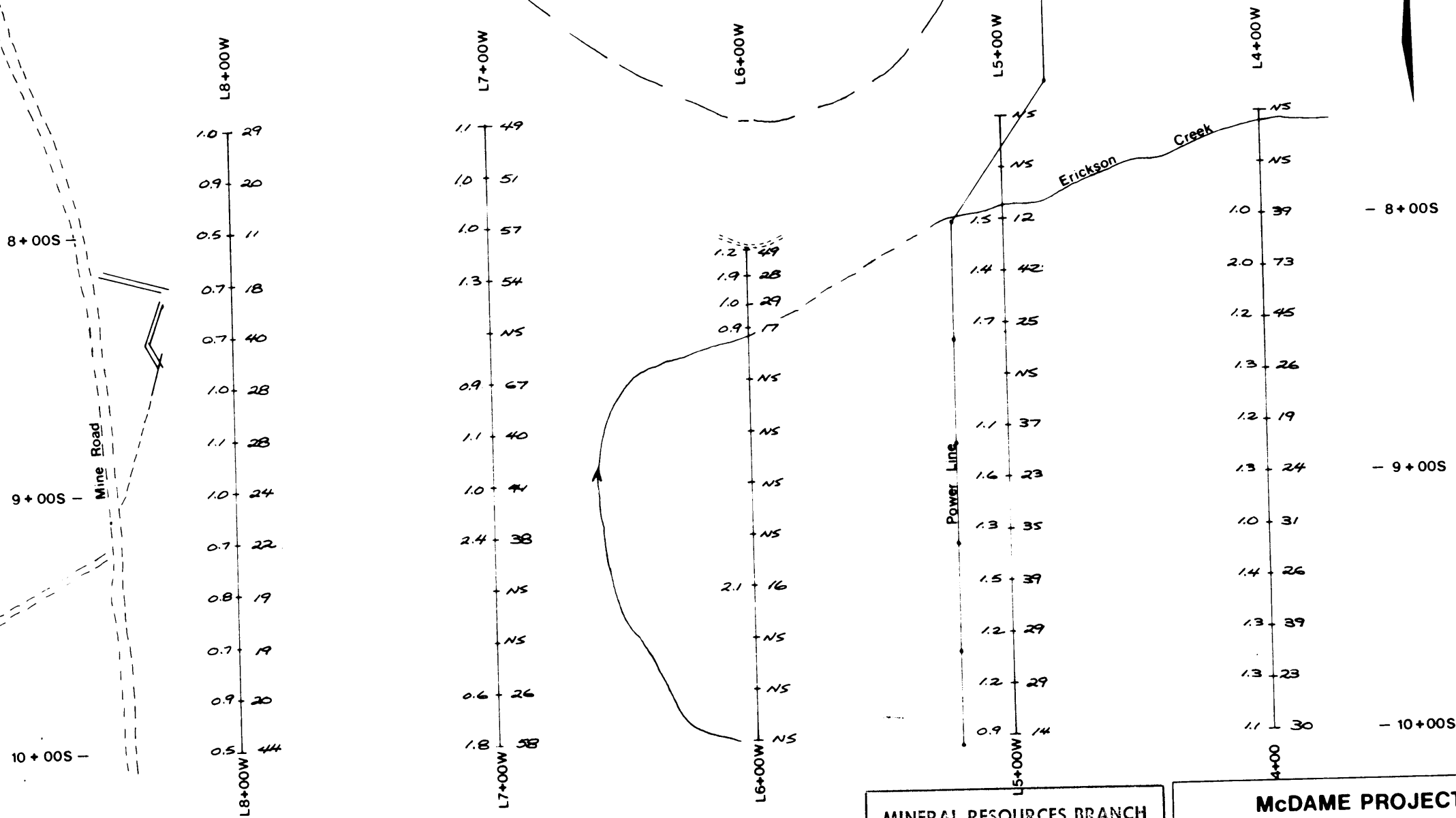
SCALE: 1cm = 20 metres

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

McDAME PROJECT	
TAILINGS POND Au/As GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 11	DATE Nov 1980



Tailings Pond



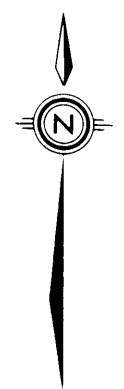
Silver (ppm) | Copper (ppm)

SCALE: 1cm = 20 metres

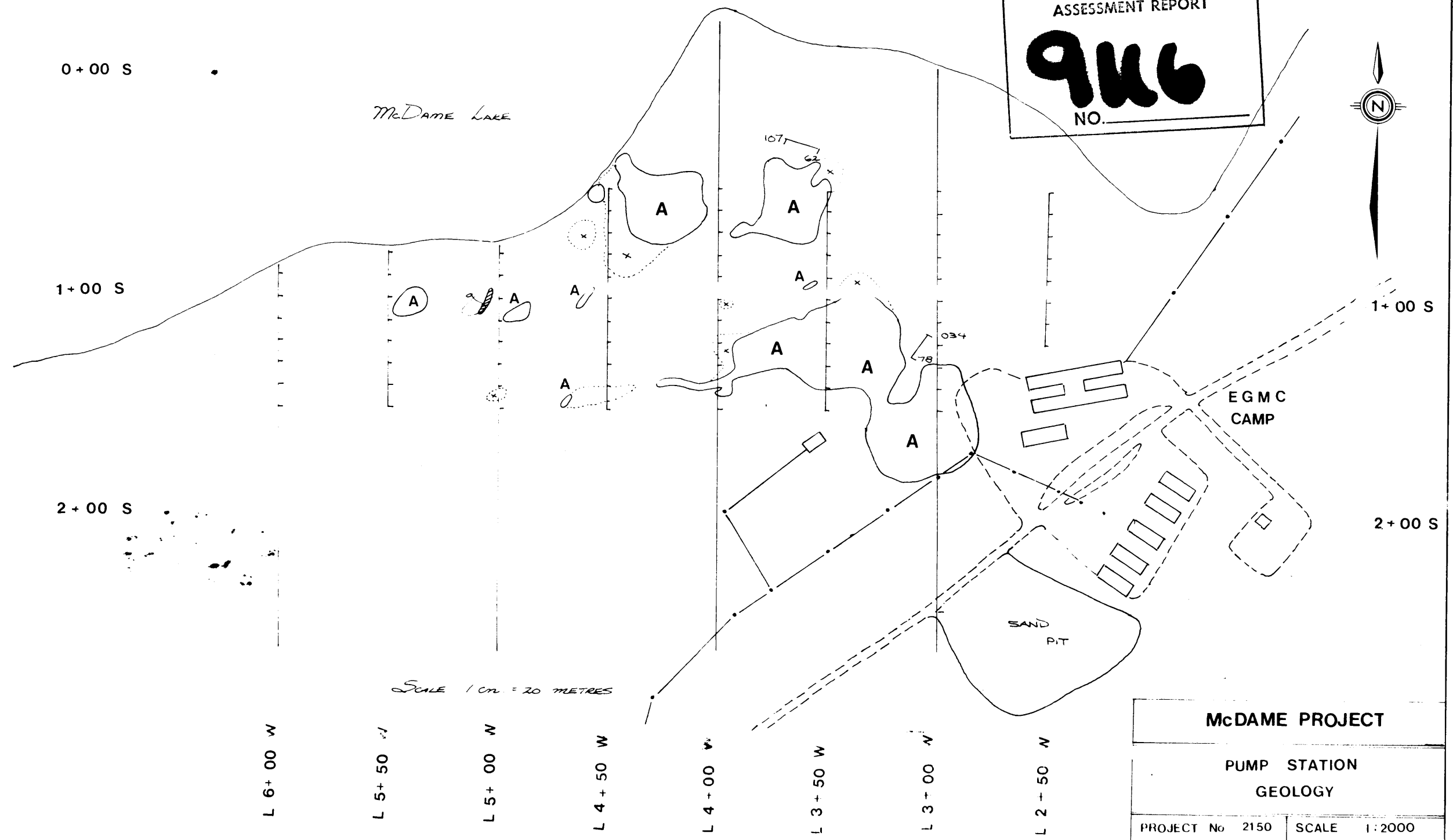
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

McDAME PROJECT	
TAILINGS POND Ag/Cu GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 12	DATE Nov 1980

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
946
 NO.



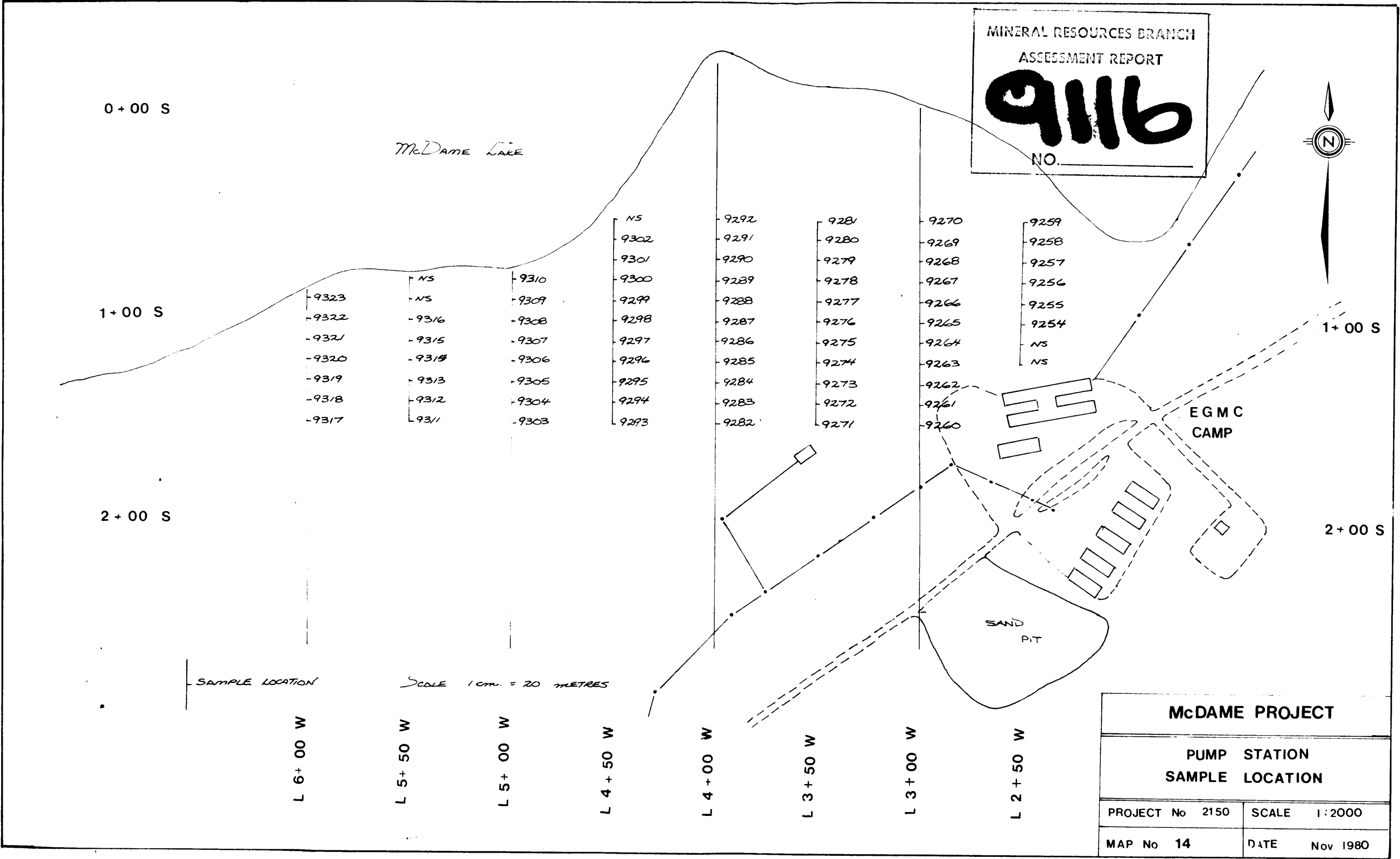
McDAME LAKE



SCALE 1 cm = 20 METRES

McDAME PROJECT	
PUMP STATION GEOLOGY	
PROJECT No 2150	SCALE 1:2000
MAP No 13	DATE Nov 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____



SAMPLE LOCATION

SCALE 1 cm. = 20 METRES

McDAME PROJECT			
PUMP STATION SAMPLE LOCATION			
PROJECT No	2150	SCALE	1:2000
MAP No	14	DATE	Nov 1980

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO.



McDAME LAKE

0+00 S

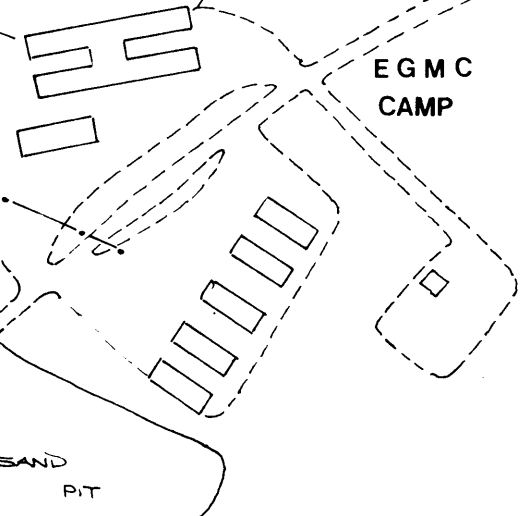
1+00 S

2+00 S

1+00 S

2+00 S

150	304	NS	5	14	NS	5	46	5	124	15	22	15	7
<5	870	NS	5	19	5	281	10	171	10	18	20	15	20
5	219	5	16	25	5	34	40	106	5	11	5	9	5
25	142	<5	11	85	5	23	5	83	<5	11	10	7	10
45	270	<5	38	5	5	26	56	128	100	16	10	16	10
55	47	15	119	<5	5	59	<5	13	25	14	15	14	10
45	115	25	146	35	5	121	35	35	45	88	20	68	NS
						54	75	63	15	135	20	126	NS
						54	30	83	10	133	25	170	NS
						54	60	95	90	220	30	106	NS



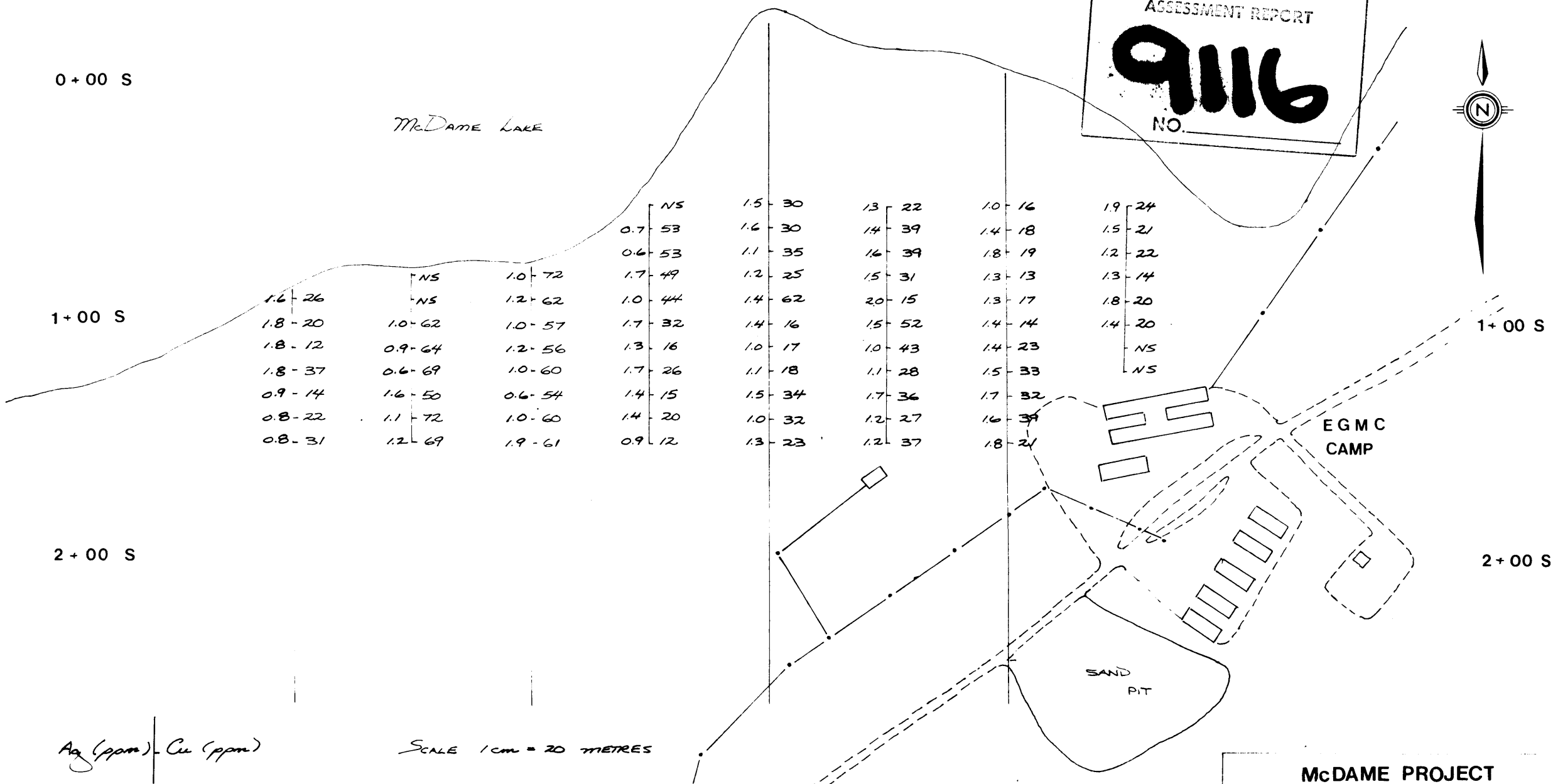
Au (ppb.) | As (ppm.)

SCALE 1cm = 20 METRES

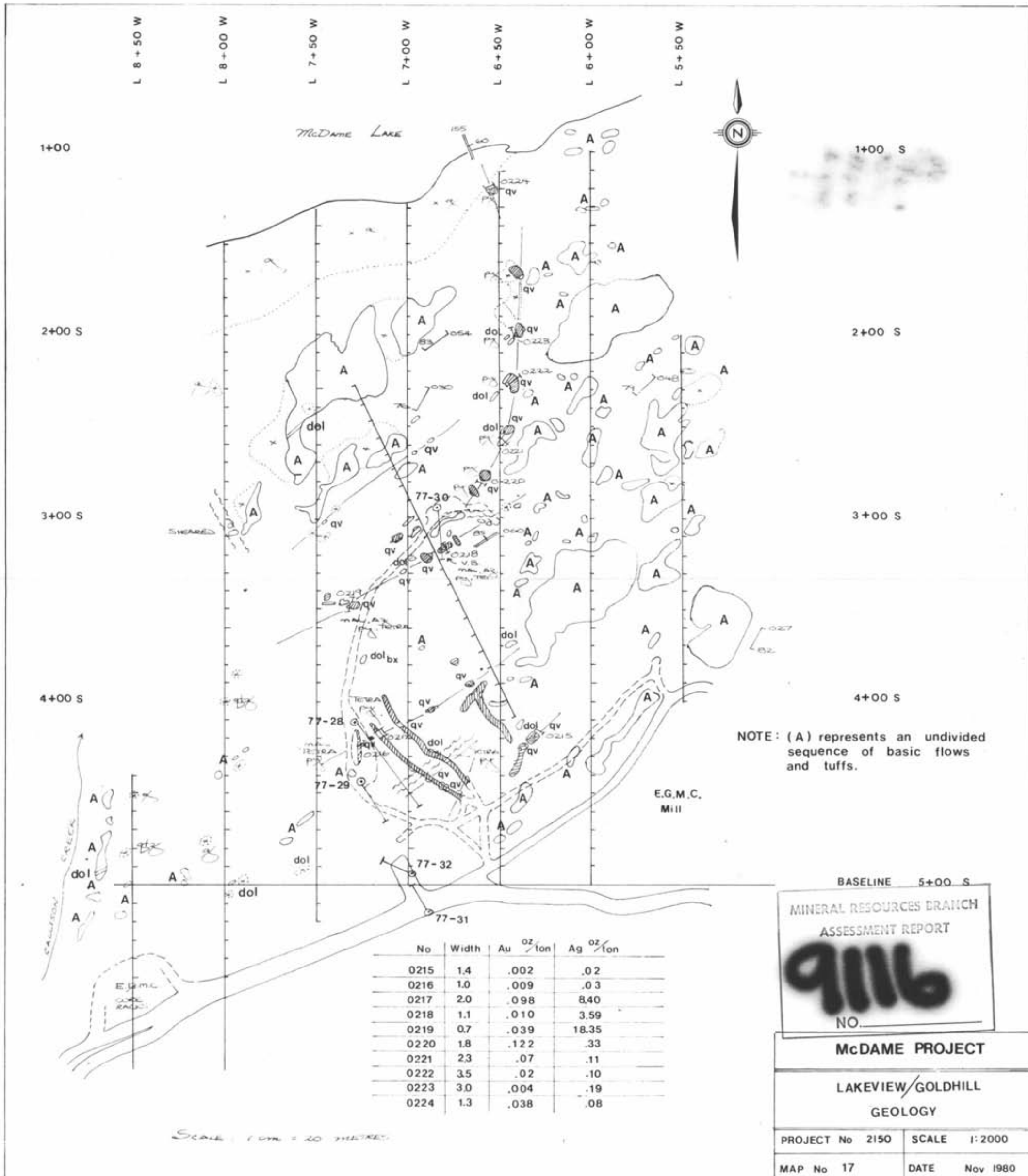
L 6+00 W
 L 5+50 W
 L 5+00 W
 L 4+50 W
 L 4+00 W
 L 3+50 W
 L 3+00 W
 L 2+50 W

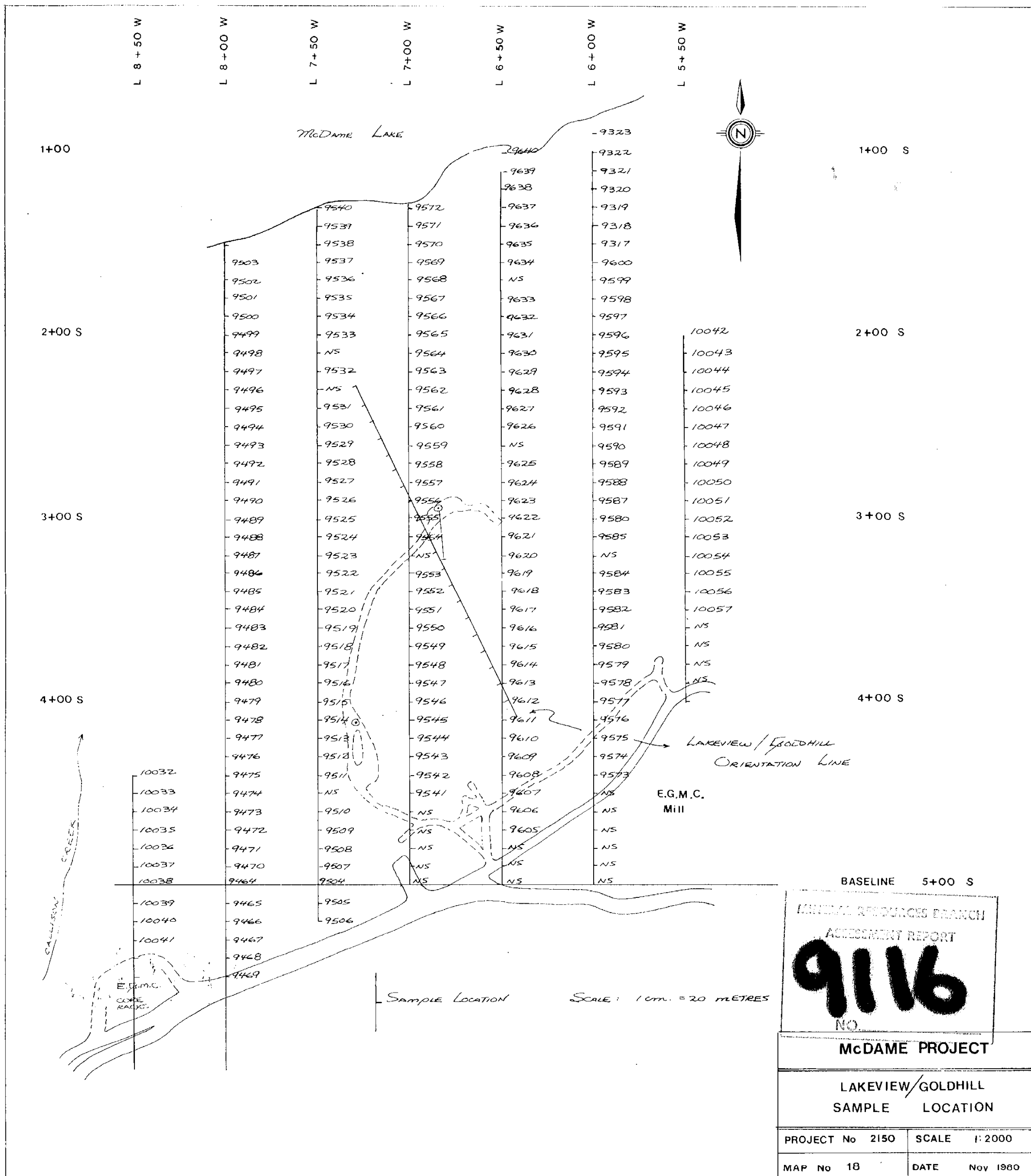
McDAME PROJECT	
PUMP STATION Au/As GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 15	DATE Nov 1980

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
9116
 NO.



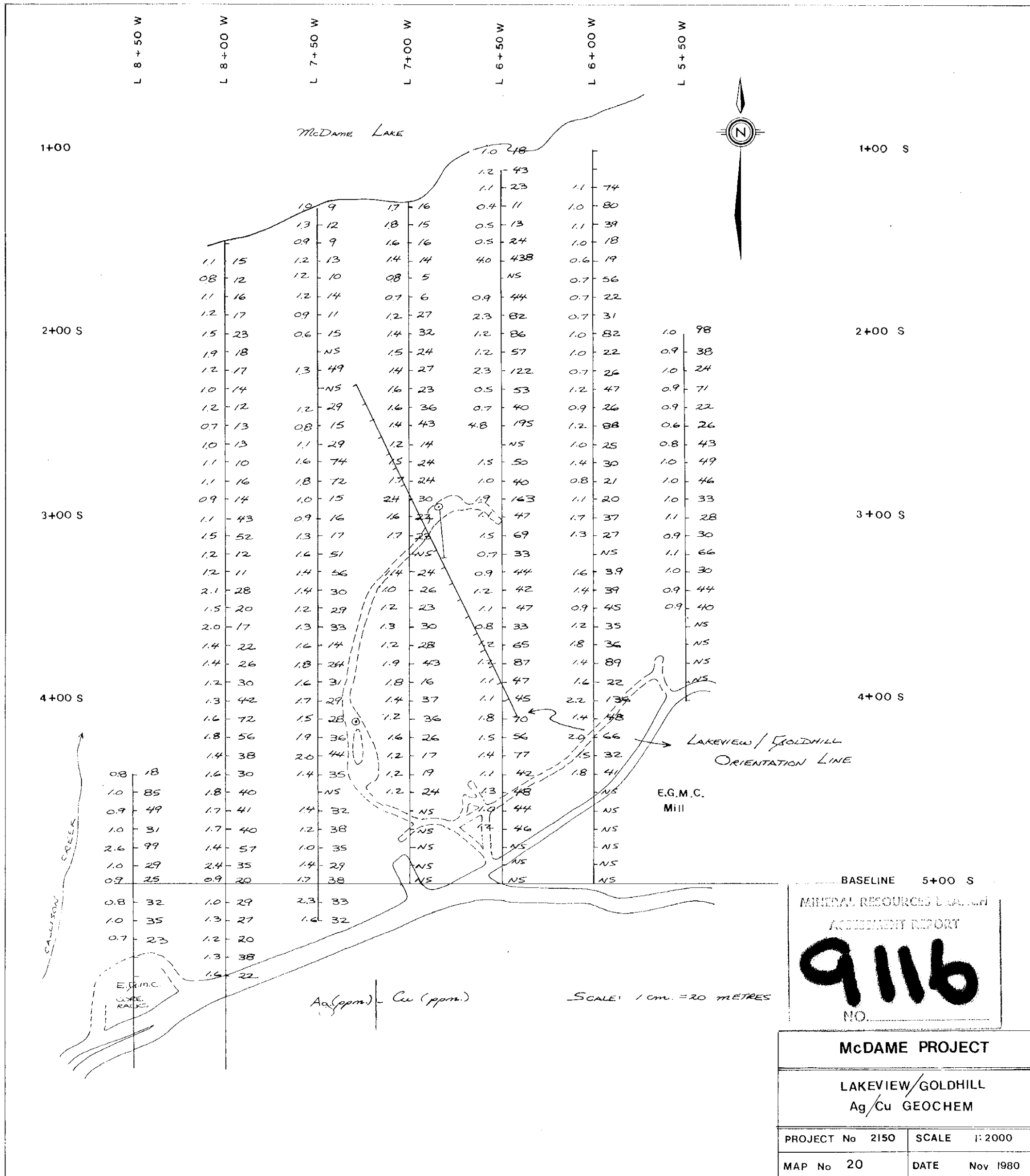
McDAME PROJECT	
PUMP STATION Ag Cu GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No 16	DATE Nov 1980





MINERAL RESOURCES BRANCH ASSESSMENT REPORT	
9116 NO.	
McDAME PROJECT	
LAKEVIEW/GOLDHILL SAMPLE LOCATION	
PROJECT No 2150	SCALE 1:2000
MAP No 18	DATE Nov 1960





BASELINE 5+00 S
MINERAL RESOURCES DIVISION
ASSESSMENT REPORT
9116
NO.

McDAME PROJECT

LAKEVIEW/GOLDHILL
Ag/Cu GEOCHEM

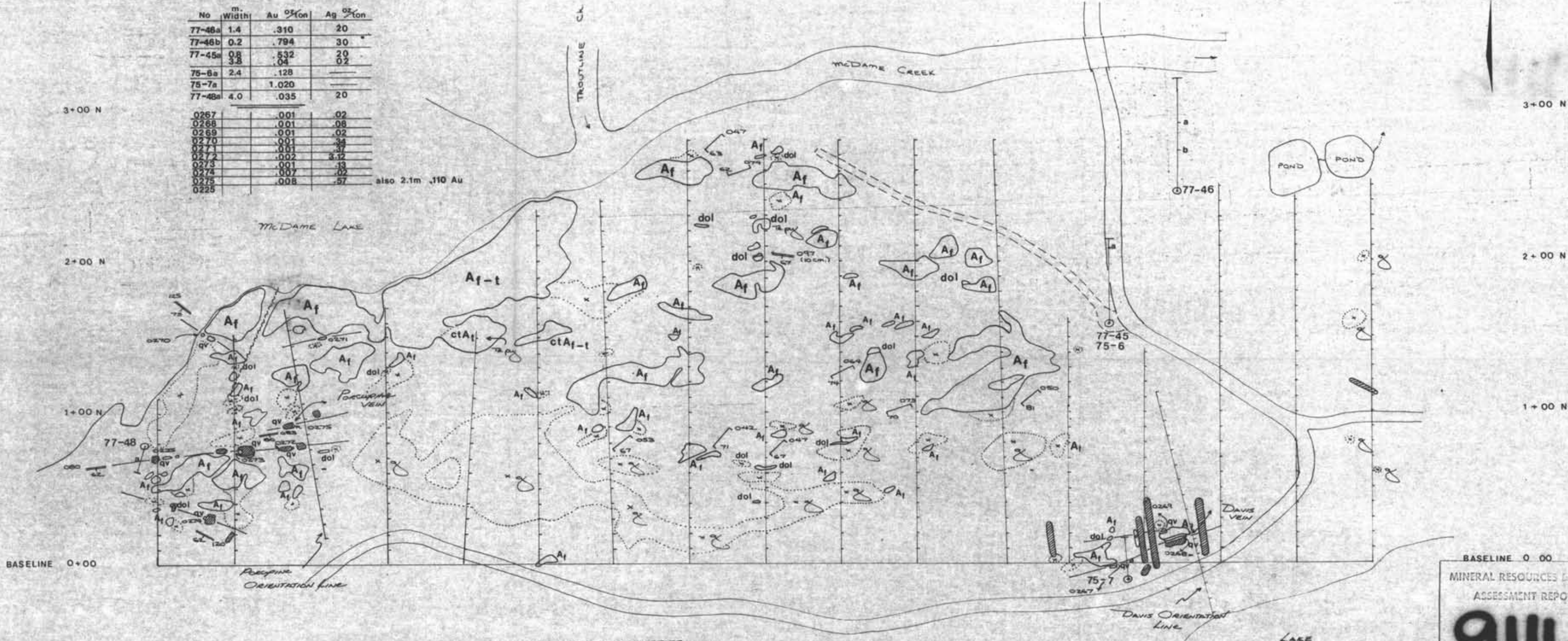
PROJECT No 2150 SCALE 1:2000
MAP No 20 DATE Nov 1980

ASSAYS

No	m. Width	Au ^{oz} /ton	Ag ^{oz} /ton
77-46a	1.4	.310	20
77-46b	0.2	.794	30
77-45a	0.8	.532	20
	3.8	.04	02
75-6a	2.4	.128	
75-7a		1.020	
77-46a	4.0	.035	20

0267	.001	.02
0268	.001	.08
0269	.001	.02
0270	.001	.35
0271	.001	.37
0272	.002	3.32
0273	.001	.13
0274	.007	.02
0275	.008	.57
0225		

also 2.1m .110 Au



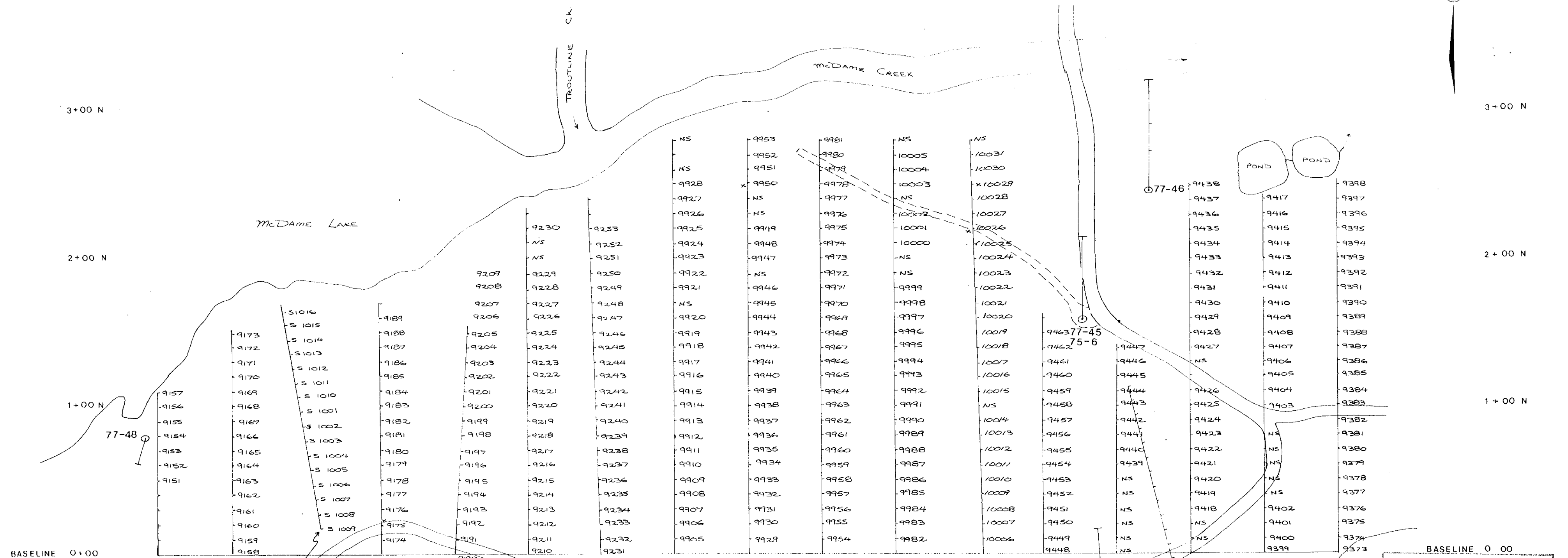
BASELINE 0 00
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9116
NO.

McDAME PROJECT

DAVIS / PORCUPINE
GEOLOGY

PROJECT No 2150	SCALE 1:2000
MAP No. 21	DATE Nov 1980



BASELINE 0+00

McDAME LAKE

TROUTLINE CK.

McDAME CREEK

77-48

75-6

75-7

DAVIS ORIENTATION LINE

LAKE

BASELINE 0+00

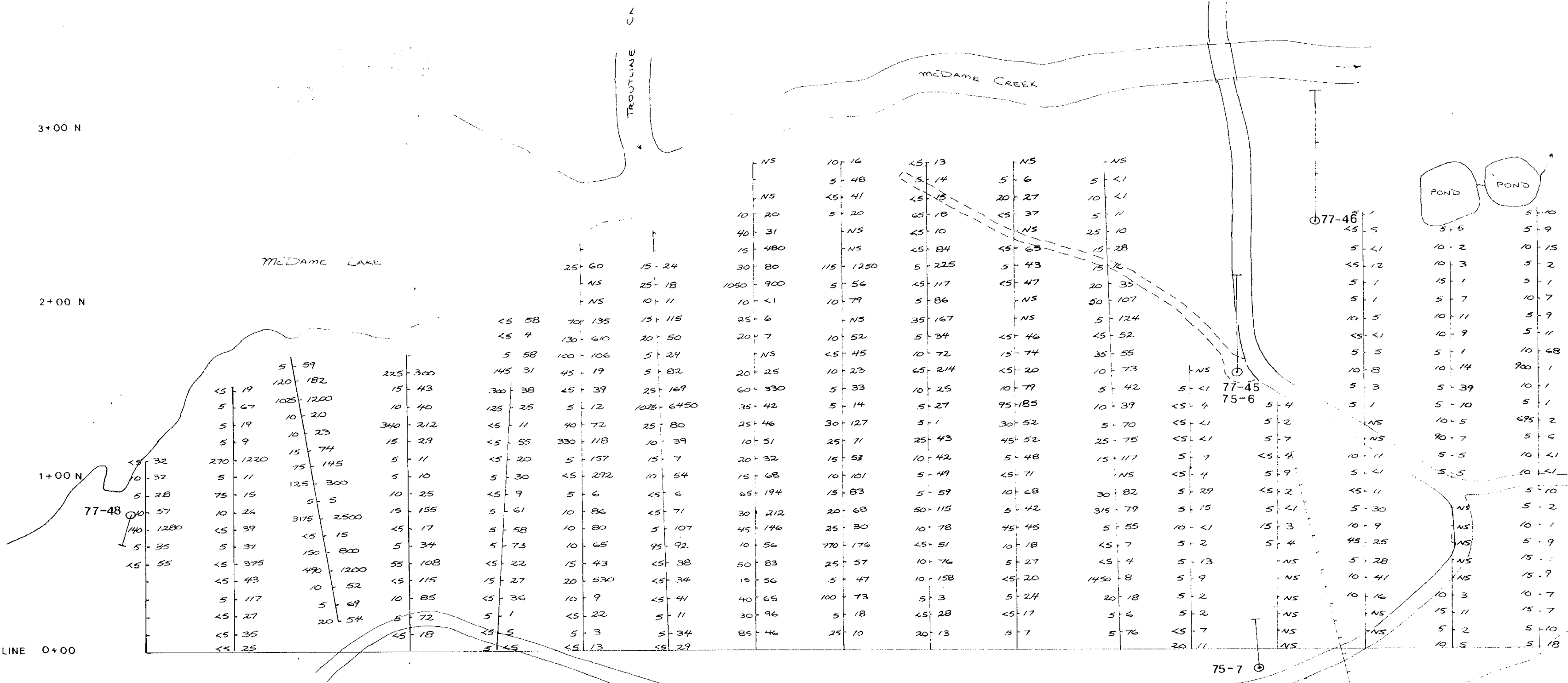
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

L 0+50 W	L 0+00	L 1+00 E	L 1+50 E	L 2+00 E	L 2+50 E	L 3+00 E	L 3+50 E	L 4+00 E	L 4+50 E	L 5+00 E	L 5+50 E	L 6+00 E	L 6+50 E	L 7+00 E	L 7+50 E
sample number SCALE: 1 cm = 20 METRES															
McDAME PROJECT															
DAVIS / PORCUPINE SAMPLE LOCATION															
PROJECT No 2150								SCALE 1:2000							
MAP No. 22								DATE Nov 1980							



3+00 N
2+00 N
1+00 N
BASELINE 0+00

3+00 N
2+00 N
1+00 N



Au (ppb) | As (ppm)

SCALE: 1 cm. = 20 METRES

L 0+50 W
L 0+00
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
L 3+50 E
L 4+00 E
L 4+50 E
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 7+50 E

BASELINE 0+00

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9116
NO.

McDAME PROJECT	
DAVIS / PORCUPINE Au/As GEOCHEM	
PROJECT No 2150	SCALE 1:2000
MAP No. 23	DATE Nov 1980



3+00 N

3+00 N

2+00 N

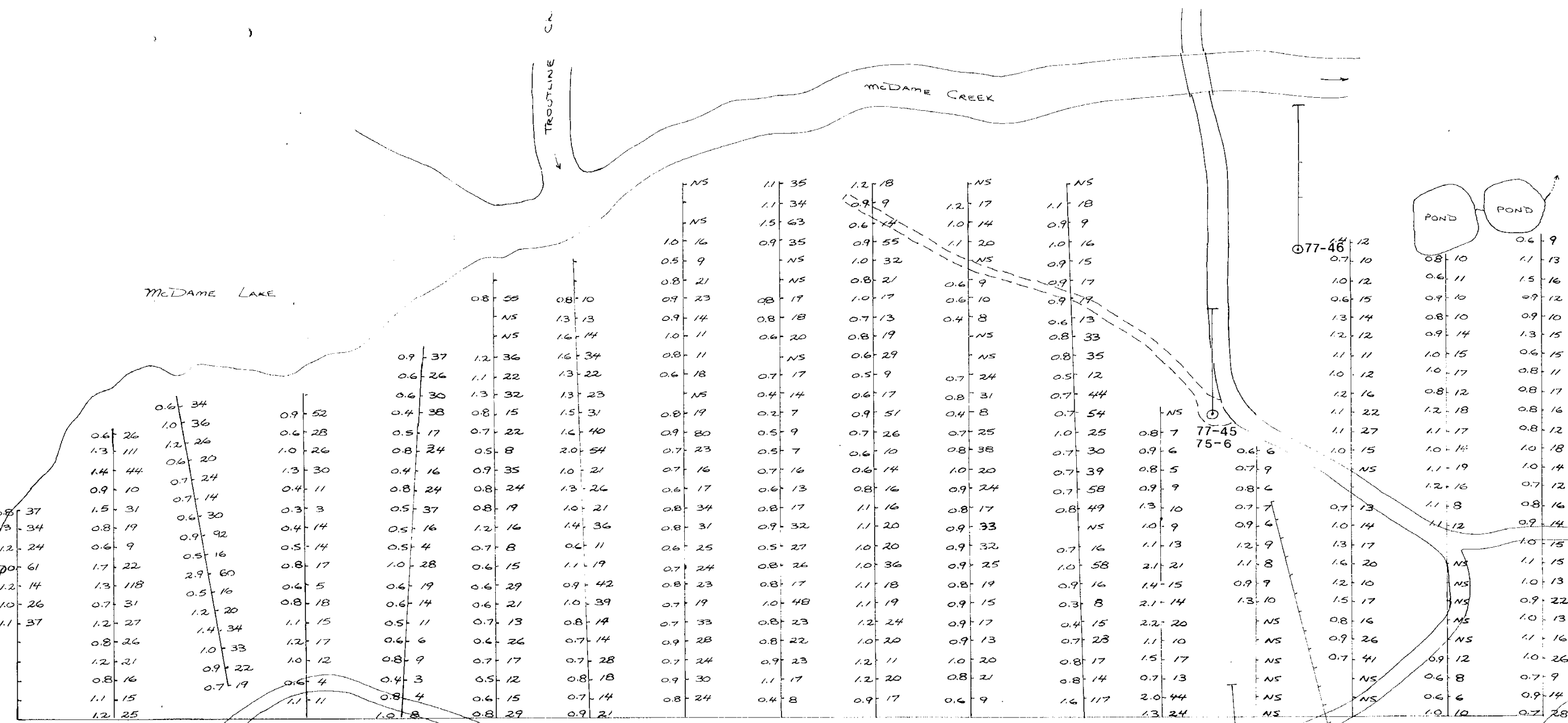
2+00 N

1+00 N

1+00 N

BASELINE 0+00

BASELINE 0+00



Ag (ppm) Cu (ppm)

SCALE: 1 cm = 20 METRES

L 0+50 W L 0+00 L 1+00 E L 1+50 E L 2+00 E L 2+50 E L 3+00 E L 3+50 E L 4+00 E L 4+50 E L 5+00 E L 5+50 E L 6+00 E L 6+50 E L 7+00 E L 7+50 E

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9116
NO.

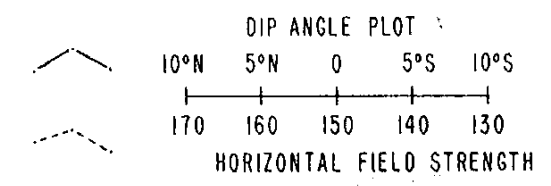
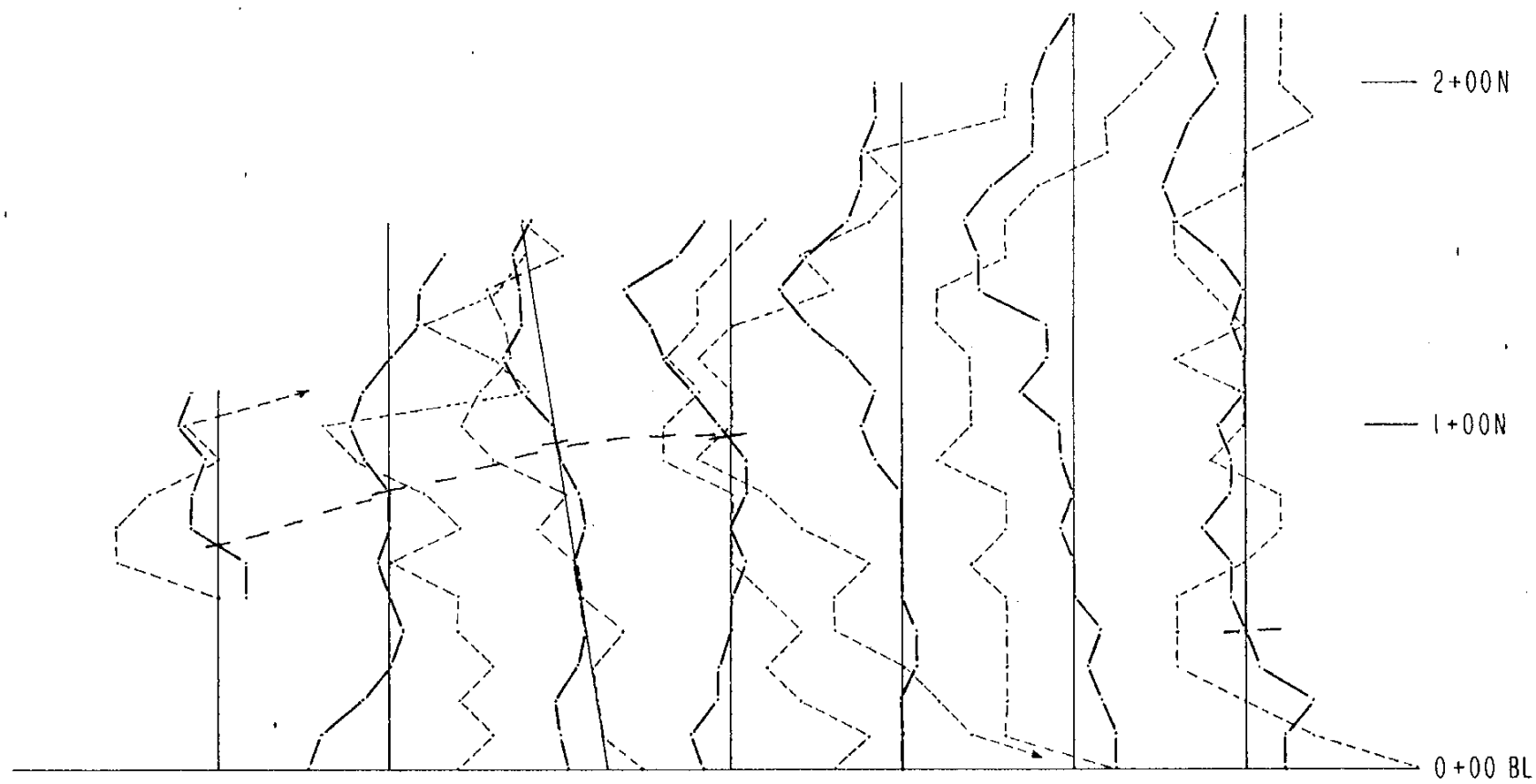
McDAME PROJECT

DAVIS / PORCUPINE
Ag/Cu GEOCHEM

PROJECT No 2150	SCALE 1:2000
MAP No. 24	DATE Nov 1980



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.



INSTRUMENT: PHOENIX VLF-2
TRANSMITTER: CUTLER, MAINE
FREQUENCY: 17.8 KHZ

ESSO MINERALS CANADA DIV'N. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: MCDAME PORCUPINE FOLLOW-UP GRID VLF-EM SURVEY		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE 0 50 100M	DATE 1/81	
AUTHOR Z. DOBORZYNSKI	MTS 104B	DWG. # 41A

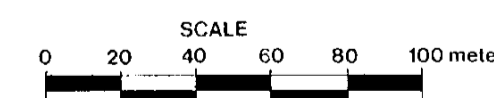
STRATIGRAPHIC SECTION

- Di** DIABASE DYKE
- U** ULTRAMAFIC ? (ALTERED)
- Ch** CHERT : grey green; occurs along faults and peripheral to silicified shear zones.
- Arg** ARGILLITE: black argillite shale; minor black siltstone.
- A_f** ANDESITE (FLOW): massive, grey green, fine grained, aphanitic flows.
- A_t** ANDESITE (TUFF): similar to A_f; contains ~1-3% flattened chloritic fragments.
- A_{bx}** ANDESITE (BRECCIATED): ~75-85% A_f and A_t angular fragments within a black chloritic matrix.
- AD** ANDESITE-DACITE: moderately siliceous, light green, locally tuffaceous.
- qv** QUARTZ VEIN
- Dol** DOLOMITE ALTERATION: grey to tan coloured; coarse euhedral disseminated pyrite and quartz stringers associated.
- Dol_{bx}** DOLOMITE BRECCIA: ~80-90% intensely dolomitized fragments within a black tuffaceous matrix.
- SS** SILICIFIED SHEAR ZONE-BRECCIA: ~50-90% angular dolomitized fragments within a grey blue silica-pyrite matrix.

LEGEND

- outcrop
- float
- geological boundary --- defined
- approximate
- interpreted
- quartz vein attitude (inclined, vertical)
- bedding (inclined, vertical)
- foliation (inclined, vertical)
- jointing (inclined, vertical)
- fault
- syncline, anticline
- ct crackle texture
- visible gold
- chalcopyrite
- tetrahedrite
- pyrite
- mariposite
- trench
- glacial debris
- stream (perennial, intermittent)
- marsh
- road
- cat road
- trail

GEOLOGY



MINERAL PROVINCE CHANGE
 9116
 NO.

ESSO MINERALS CANADA

McDAME PROJECT

MAIN GRID
 NORTH

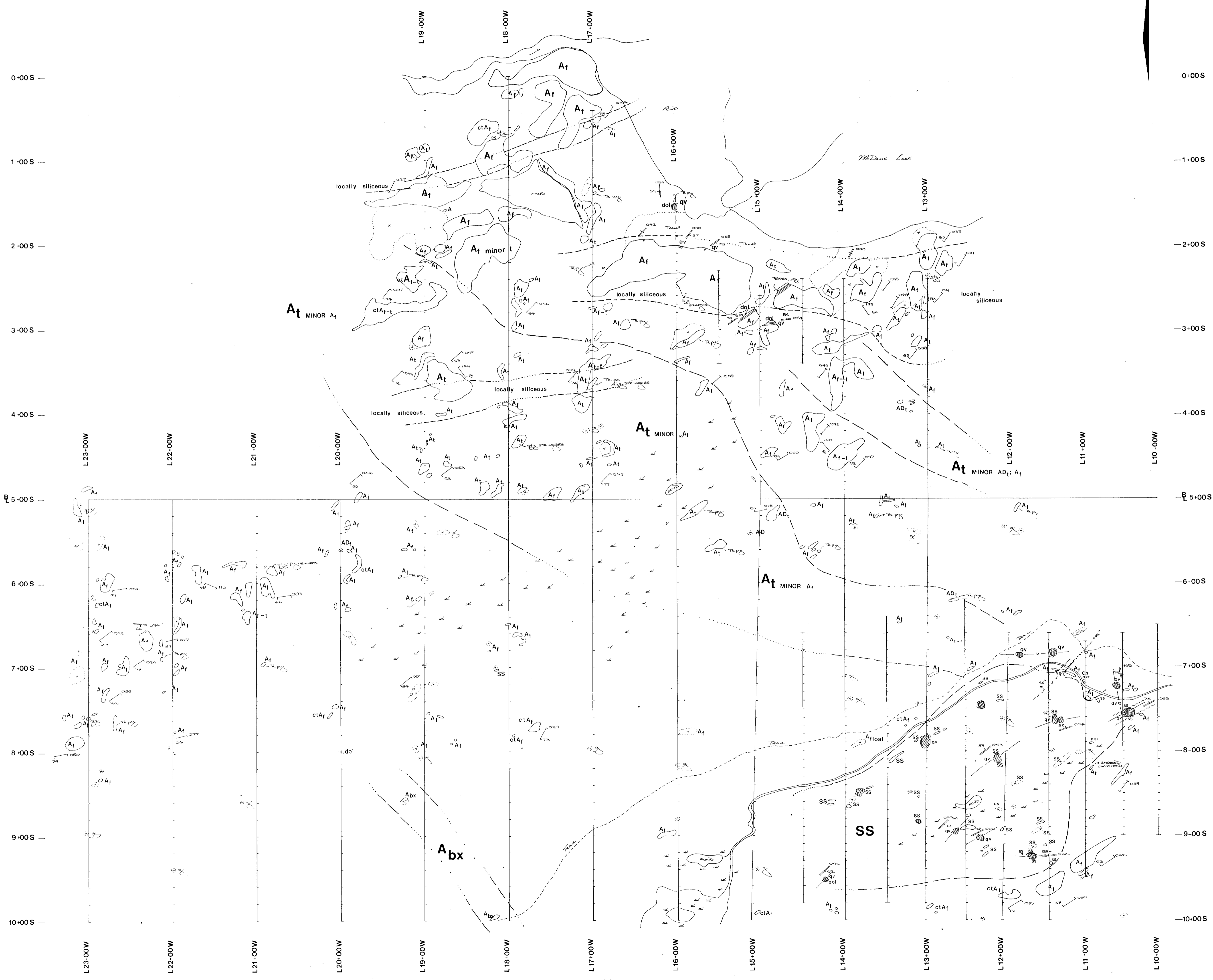
Project No. 2150 Mining Division Uard

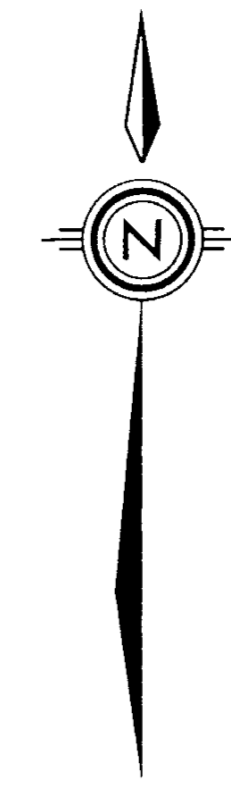
Latitude 52° 14' Longitude 122° 37'

NTS 104 P. 4E Scale 1:2000

To Accompany A Report By: C. Everett

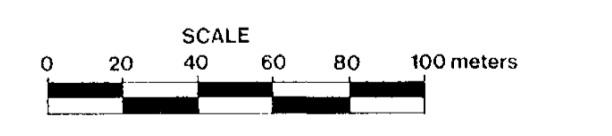
Dated: Nov. 1980 Map No. 25





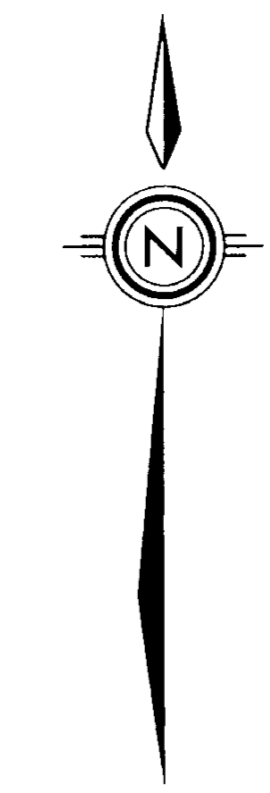
Latitude	L23-00W	L22-00W	L21-00W	L20-00W	L19-00W	L18-00W	L17-00W	L16-00W	L15-00W	L14-00W	L13-00W	L12-00W	L11-00W	L10-00W
0-00S					NS	.001								
1-00S					.4020	.002	.178							
2-00S					.4019	.003	.177							
3-00S					.4018	.004	.176							
4-00S					.4017	.005	.175							
5-00S					NS	.006	.174							
6-00S					.4016	.007	.173							
7-00S					.4015	NS	.172							
8-00S					.4014	.008	.171							
9-00S					.4013	.009	.170							
10-00S					NS	.010	.169							
					.4012	.011	.168							
					.4011	.012	.167							
					.4010	.013	.166							
					.4009	.014	.165							
					.4008	.015	.164							
					.4007	.016	.163							
					.4006	.017	.162							
					.4005	.018	.161							
					NS	.019	.160							
					.4004	.020	.159							
					NS	.021	.158							
					.4003	.022	.157							
					.4002	.023	.156							
					.4001	.024	.155							
					NS	.025	.154							
					1069	1000	.075	1038	.1120	.025	.1146	NS	.074	2043
					1070	1001	.076	1039	.1121	.2000	.1147	NS	.1165	2044
					1071	1002	.077	1040	.1122	.2001	NS	.2022	.1166	2045
					1072	1003	.078	1041	.1123	.2002	NS	.2023	.1167	2046
					1073	1004	.079	1042	.1124	.2003	NS	.2024	.1168	2047
					1074	1005	.080	1043	.1125	NS	.1148	.2025	.1169	2048
					1075	1006	.081	1044	NS	.2004	.1149	.2026	.1170	2049
					1076	1007	.082	1045	NS	.2005	.1150	.2027	.1171	2050
					1077	1008	.083	1046	NS	.2006	.1151	.2028	.1172	2051
					1078	1009	.084	1047	NS	.2007	.1152	.2029	.1173	2052
					1079	1010	.085	1048	.1126	.2008	.1153	.2030	.1174	2053
					1080	1011	.086	1049	.1127	.2009	NS	.2031	.1175	2054
					1081	1012	.087	1050	.1128	.2010	.1154	.2032	.1176	2055
					1082	1013	.088	1051	.1129	.2011	.1155	.2033	.1177	2056
					1083	1014	.089	1052	.1130	.2012	.1156	.2034	.1178	2057
					1084	1015	.090	1053	.1131	.2013	.1157	.2035	.1179	2058
					1085	1016	.091	1054	.1132	.2014	.1158	.2036	.1180	2059
					1086	1017	.092	1055	.1133	.2015	.1159	.2037	NS	.2037
					1087	1018	.093	1056	.1134	.2016	.1160	.2038	NS	.2038
					1088	1019	.094	1057	.1135	.2017	.1161	.2039	NS	.2039
					1089	1020	.095	1058	.1136	.2018	NS	.2040	NS	.2040
					1090	1021	.096	1059	.1137	.2019	NS	NS	NS	.2041
					1091	1022	.097	1060	.1138	.2020	NS	.2041	.1181	.2041
					1092	1023	.098	1061	.1139	.2021	NS	.2042	.1182	.2042
					1093	1024	.099	1062	.1140		.1162		.1183	
					1094	1025	100	1063	.1141		.1163		.1184	

SAMPLE LOCATIONS



9116

ESSO MINERALS CANADA
McDAME PROJECT
MAIN GRID NORTH
Project No. 2150 Mining Division Lard
Latitude 59° 15' Longitude 127° 37'
NTS 104 P. 4E Scale 1:2000
To Accompany A Report By: C. Everett
Dated: Nov. 1980 Map No. 26

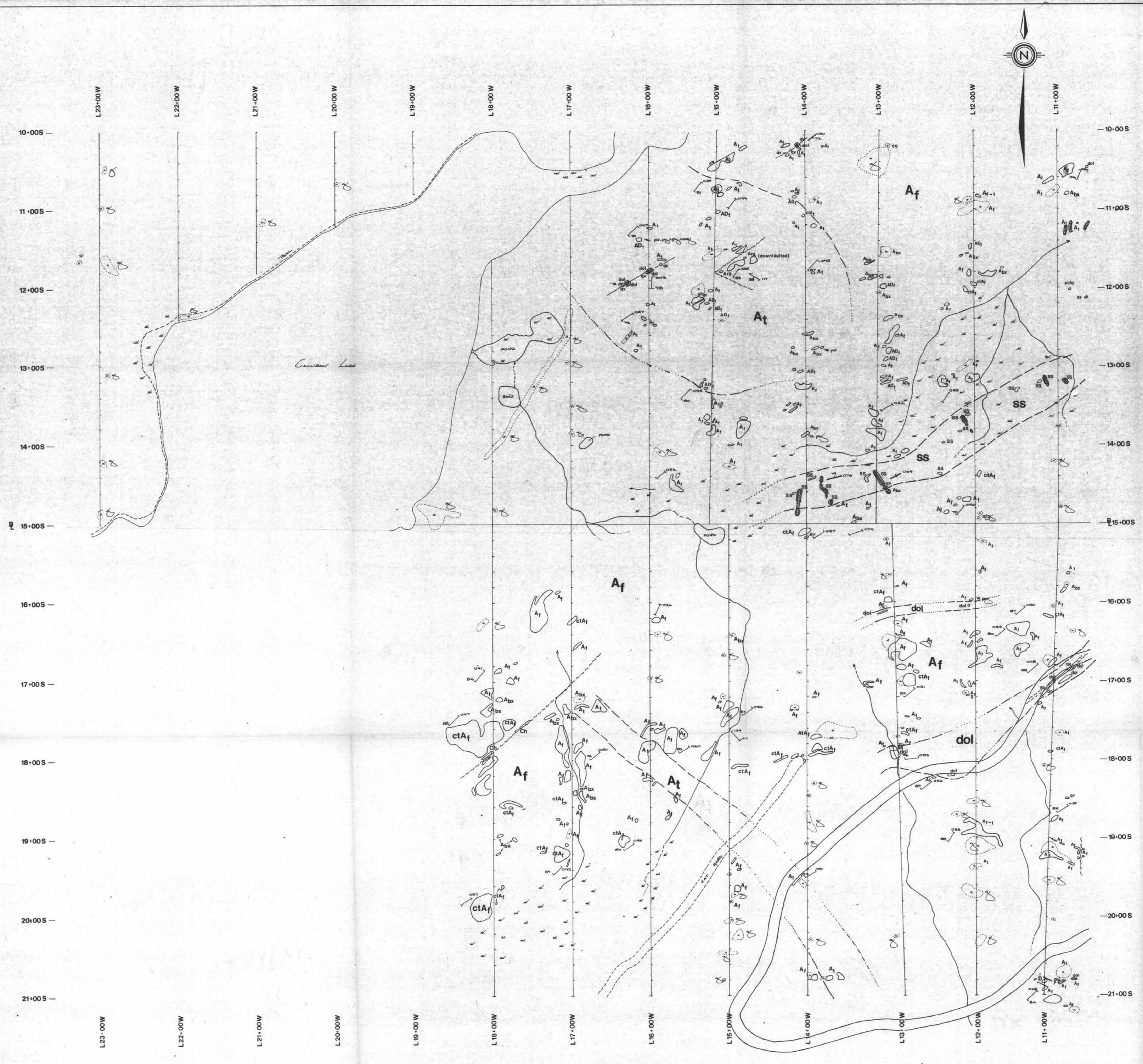


Latitude	L23-00W	L22-00W	L21-00W	L20-00W	L19-00W	L18-00W	L17-00W	L16-00W	L15-00W	L14-00W	L13-00W	L12-00W	L11-00W	L10-00W
0-00 S					NS	5								
1-00 S					15.6	10.41								
2-00 S					5.2	10.690								
3-00 S					5.30	20								
4-00 S					9	24								
5-00 S					NS	10								
6-00 S					41	NS								
7-00 S					10	NS								
8-00 S					16	NS								
9-00 S					12	NS								
10-00 S					NS	NS								
					11	NS								
					23	15.48								
					14	10.42								
					22	34								
					21	38								
					83	60								
					23	9								
					5.55	21								
					NS	15								
					5.15	12								
					NS	17								
					33	31								
					12	5								
					68	14								
					17	7								
					13	23								
					13	25								
					60	20								
					25	18								
					20	30								
					30	37								
					20	NS								
					45	7								
					7	23								
					22	NS								
					150	NS								
					32	11								
					13	NS								
					35	2								
					15.24	4								
					58.72	9								
					19	12								
					41	12								
					75.48	3								
					12	4								
					44	NS								
					4	7								
					9	9								
					9	7								
					5	12								
					9	8								
					9	7								
					5	12								
					3	2								
					3	1								
					11	5.18								
					5	7								
					19	19								

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

Au/As GEOCHEM
SCALE
0 20 40 60 80 100 meters

ESSO MINERALS CANADA
McDAME PROJECT
MAIN GRID NORTH
Project No. 2150 Mining Division LEND
Latitude 58° 15' Longitude 127° 37'
NTS 104 P. 4E Scale 1:2000
To Accompany A Report By: C. Everett
Dated: Nov. 1990 Map No. 27

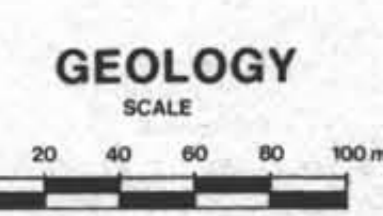


STRATIGRAPHIC SECTION

- Di** DIABASE DYKE
- U** ULTRAMAFIC ? (ALTERED)
- Ch** CHERT : grey green; occurs along faults and peripheral to silicified shear zones.
- Arg** ARGILLITE : black argillite shale; minor black siltstone.
- A_f** ANDESITE (FLOW) : massive, grey green, fine grained, aphanitic flows.
- A_t** ANDESITE (TUFF) : similar to A_f ; contains ~1-3% flattened chloritic fragments.
- A_{bx}** ANDESITE (BRECCIATED) : ~75-85% A_f and A_t angular fragments within a black chloritic matrix.
- AD** ANDESITE-DACITE : moderately siliceous, light green, locally tuffaceous.
- qv** QUARTZ VEIN
- Dol** DOLOMITE ALTERATION : grey to tan coloured; coarse euhedral disseminated pyrite and quartz stringers associated.
- Dol_{bx}** DOLOMITE BRECCIA : ~80-90% intensely dolomitized fragments within a black tuffaceous matrix.
- SS** SILICIFIED SHEAR ZONE BRECCIA : ~50-90% angular dolomitized fragments within a grey blue silica-pyrite matrix.

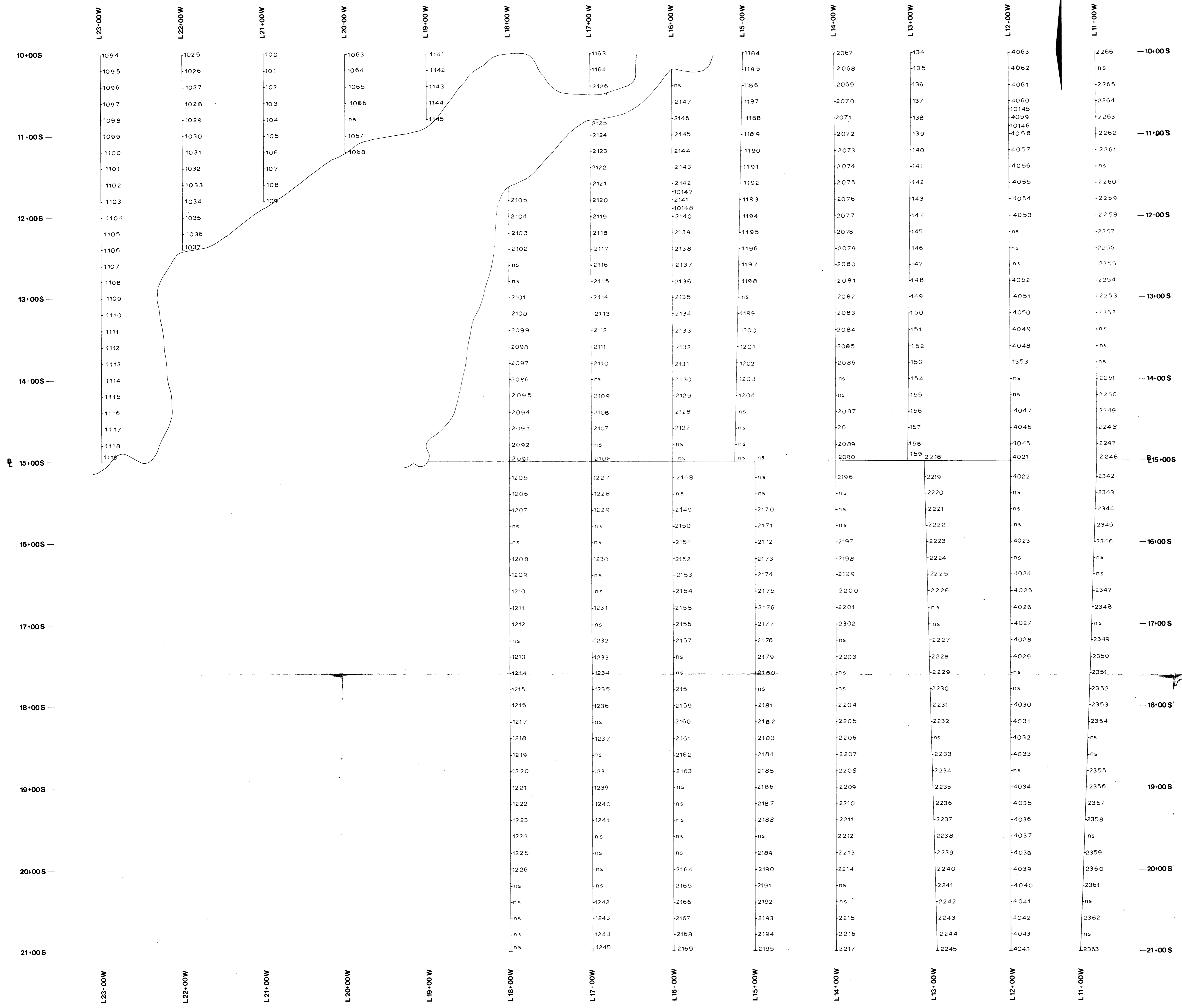
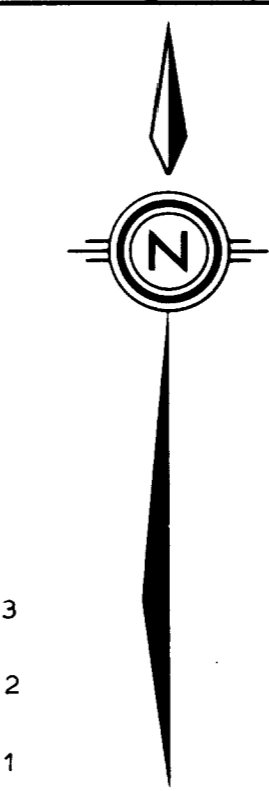
LEGEND

- outcrop
- float
- geological boundary... defined
- approximate
- ... interpreted
- quartz vein attitude (inclined, vertical)
- bedding (inclined, vertical)
- foliation (inclined, vertical)
- jointing (inclined, vertical)
- fault
- syncline, anticline
- ct
- crackie texture
- visible gold
- chalcopyrite
- tetrahedrite
- pyrite
- meriposite
- trench
- glacial debris
- stream (perennial, intermittent)
- marsh
- road
- cat road
- trail

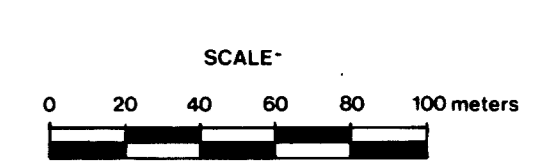


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

ESSQ MINERALS CANADA	
McDAME PROJECT	
MAIN GRID WEST	
Project No. 2150.	Mining Division <u> </u>
Latitude <u>59° 15'</u>	Longitude <u>127° 37'</u>
NTS 30d P. 4E	Scale 1:2000
To Accompany A Report By: <u>G. Ezzarri</u>	
Dated: <u>Nov. 1980</u>	
Map No. <u>29</u>	

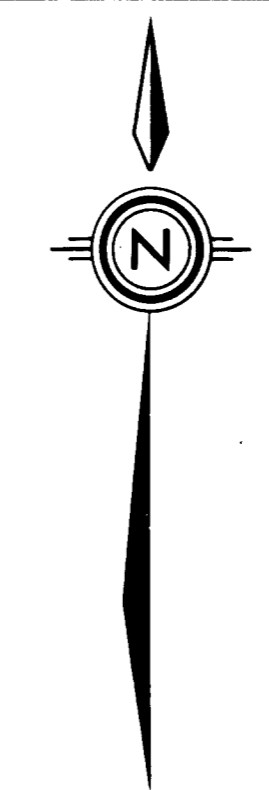
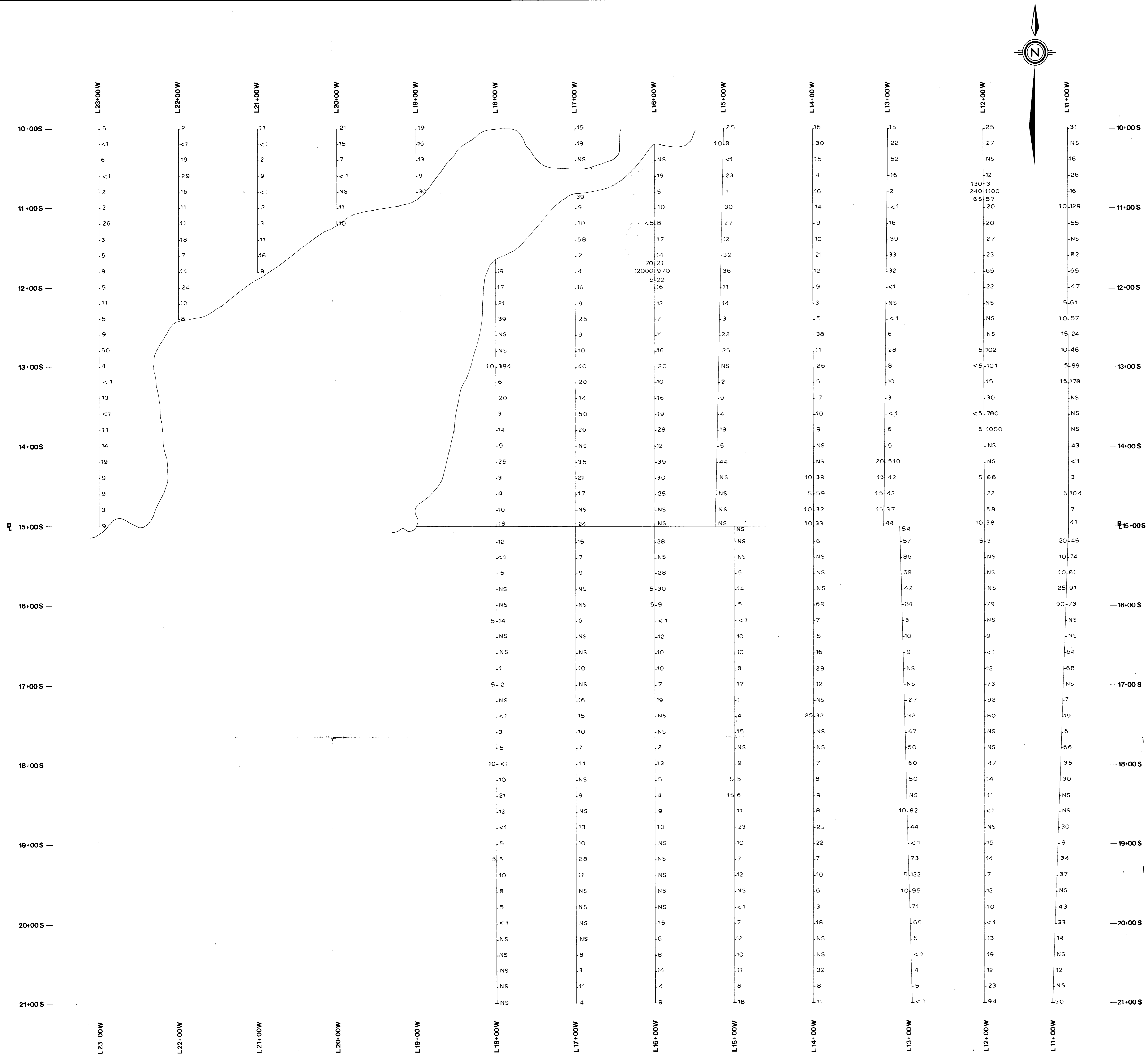


SAMPLE LOCATIONS



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

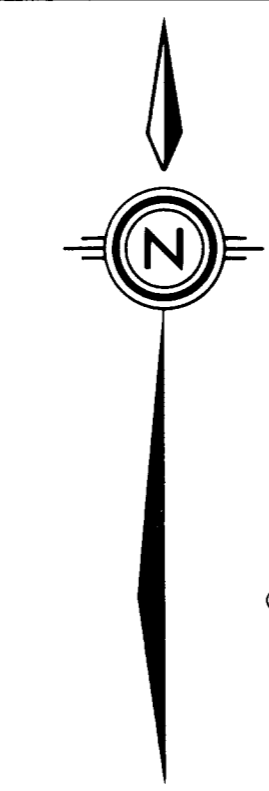
ESSO MINERALS CANADA	
McDAME PROJECT	
MAIN GRID WEST	
Project No. <u>2150</u>	Mining Division <u>Liard</u>
Latitude <u>39°15'</u>	Longitude <u>122°37'</u>
NTS <u>304P 4E</u>	Scale <u>1:2000</u>
To Accompany A Report By: <u>C. Everett</u>	
Dated: <u>Nov. 1980</u>	
Map No. <u>30</u>	



Au/As GEOCHEM
SCALE
0 20 40 60 80 100 meters

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

ESSO MINERALS CANADA	
McDAME PROJECT	
MAIN GRID WEST	
Project No. 2150	Mining Division Lard
Latitude 52°16'	Longitude 122°37'
NTS 104 P. 4E	Scale 1:2000
To Accompany A Report By: C. Everett	
Dated: Nov. 1990	
Map No. 31	

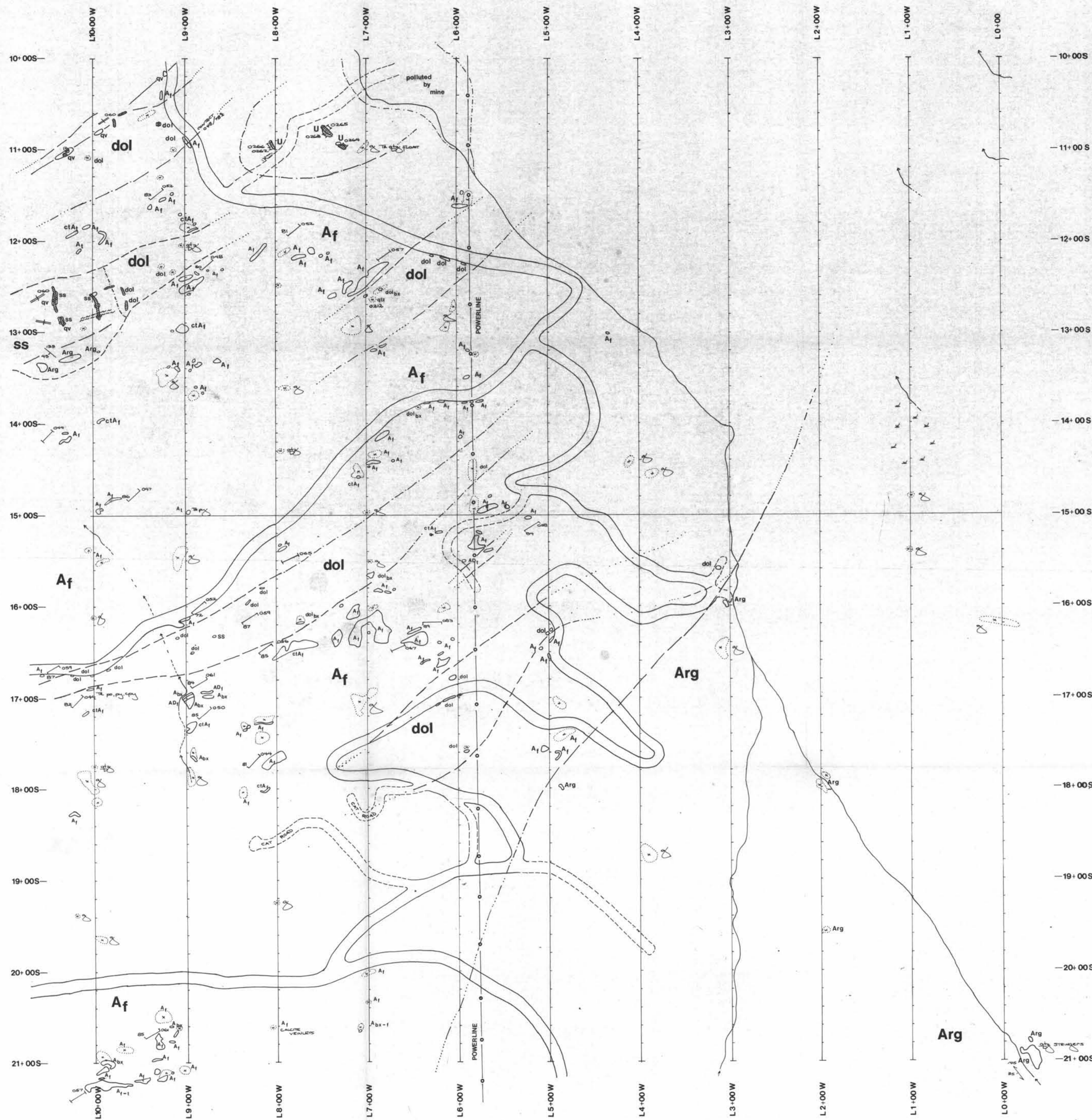


	L23-00W	L22-00W	L21-00W	L20-00W	L19-00W	L18-00W	L17-00W	L16-00W	L15-00W	L14-00W	L13-00W	L12-00W	L11-00W	
10-00S	1.3-14	1.3-18	0.8-70	1.3-27	0.9-11		2.5-28		0.9-24	1.1-13	2.0-50	0.6-19	0.6-20	10-00S
	0.6-14	1.0-16	0.7-13	1.1-23	1.7-15		1.6-12	NS	1.3-116	0.9-14	1.2-16	0.9-26	NS-NS	
	0.8-11	1.3-13	0.8-14	0.8-14	0.9-15		NS-NS	NS-NS	0.9-25	1.2-22	1.3-29	NS-NS	0.9-17	
	0.9-13	1.6-23	0.5-12	0.7-10	1.2-18			1.8-18	1.4-73	1.5-32	1.6-24	0.6-14	0.7-24	
	1.0-17	0.8-14	0.8-16	NS-NS	1.2-25			NS-NS	1.1-17	1.2-13	1.2-19	0.9-20	0.7-21	
11-00S	0.5-10	1.7-26	1.0-25	0.9-15			1.2-19	1.1-19	0.8-29	1.2-17	1.2-11	0.6-16	1.7-37	11-00S
	0.9-14	1.5-14	0.8-19	0.7-16			0.6-22	1.6-30	0.8-17	1.0-12	1.3-16	0.9-26	0.8-28	
	0.7-17	1.2-15	1.2-19				1.4-33	1.1-19	1.0-18	1.1-14	1.3-16	0.6-16	NS-NS	
	0.8-15	1.3-12	1.0-16				1.3-18	1.5-24	1.1-19	1.0-18	0.9-16	0.6-8	1.5-78	
	0.8-15	0.9-27	0.9-21				0.8-15	0.8-15	0.9-18	1.2-19	1.1-26	0.8-16	0.8-33	
12-00S	0.9-19	1.4-24					1.2-16	1.0-21	1.0-14	1.2-14	1.1-17	0.7-6	0.7-28	12-00S
	0.9-18	1.7-19					1.2-14	0.7-11	0.6-13	1.3-15	NS-NS	NS-NS	0.7-29	
	0.8-12	1.2-12					1.1-25	0.9-23	0.7-13	0.9-14	1.1-30	NS-NS	0.8-53	
	1.0-18						NS-NS	0.8-40	1.6-20	0.9-14	1.3-27	NS-NS	0.6-61	
	1.1-24						NS-NS	0.8-33	1.4-21	1.1-13	1.4-20	1.0-24	0.7-39	
13-00S	1.2-13						1.0-23	0.8-27	1.5-19	0.6-8	0.9-30	0.8-20	0.5-18	13-00S
	0.8-23						1.1-19	1.0-25	1.3-17	0.8-21	1.0-18	0.7-12	0.9-26	
	1.0-15						0.9-21	1.2-23	0.9-17	1.1-24	0.7-20	0.6-9	NS-NS	
	1.0-17						1.4-21	1.1-20	0.7-14	0.8-12	1.1-19	1.0-17	NS-NS	
	0.7-11						1.5-17	1.1-96	1.1-21	0.8-18	1.3-41	1.2-34	NS-NS	
14-00S	0.7-19						1.4-16	NS-NS	1.2-19	NS-NS	0.9-20	NS-NS	1.3-65	14-00S
	0.4-11						1.2-35	1.0-20	1.1-64	0.9-16	NS-NS	NS-NS	0.7-28	
	0.9-13						1.1-14	1.7-18	1.1-56	NS-NS	1.4-59	1.0-28	0.3-11	
	0.9-13						1.1-16	1.2-24	1.0-66	NS-NS	1.1-34	1.0-29	1.3-88	
	0.7-14						1.4-18	NS-NS	NS-NS	1.3-72	0.9-60	0.8-23	0.4-17	
15-00S	0.7-13						0.8-25	1.2-49	NS-NS	1.0-28	0.9-37	1.0-134	1.0-38	15-00S
							1.8-26	0.9-38	1.3-15	NS-NS	1.0-38	1.0-92	1.1-125	
							0.1-17	1.0-39	NS-NS	NS-NS	1.2-28	NS-NS	0.8-92	
							1.0-14	1.1-18	1.0-18	0.8-23	NS-NS	1.3-36	1.3-105	
							NS-NS	NS-NS	0.9-80	1.1-46	NS-NS	0.7-21	1.0-112	
							NS-NS	NS-NS	1.2-168	0.8-18	1.0-60	0.9-27	1.4-129	
16-00S							2.0-78	1.3-59	0.7-15	0.5-18	1.3-39	1.2-17	NS-NS	16-00S
							NS-NS	NS-NS	0.9-29	0.8-11	0.8-26	1.7-40	NS-NS	
							NS-NS	NS-NS	0.7-12	0.8-32	0.8-23	0.9-14	NS-NS	
							1.2-16	1.3-24	1.0-23	0.9-11	0.8-30	NS-NS	0.9-40	
							2.0-86	NS-NS	0.9-19	0.9-22	0.7-68	NS-NS	0.9-10	
17-00S							NS-NS	1.2-38	0.8-14	0.9-16	NS-NS	1.1-40	NS-NS	17-00S
							NS-NS	NS-NS	0.8-14	0.9-16	1.6-46	0.9-32	0.7-6	
							1.4-24	0.8-32	NS-NS	1.0-17	1.2-25	1.0-40	0.8-12	
							1.1-19	0.7-12	NS-NS	0.8-37	1.4-41	NS-NS	0.8-35	
							1.4-21	0.4-23	1.0-16	NS-NS	1.0-46	NS-NS	1.2-76	
18-00S							1.8-91	0.3-15	0.6-9	0.9-60	0.6-28	1.4-40	0.9-27	18-00S
							1.0-15	NS-NS	0.9-14	1.1-80	0.9-58	1.1-34	1.0-37	
							1.5-22	0.6-32	0.8-45	1.1-76	0.5-8	NS-NS	NS-NS	
							1.4-15	NS-NS	0.6-20	0.7-33	0.7-14	0.8-8	NS-NS	
							1.2-16	1.0-11	0.4-10	1.1-68	0.9-48	1.4-48	1.2-41	
19-00S							1.1-17	0.7-13	NS-NS	0.8-36	0.9-21	1.2-21	1.2-58	19-00S
							3.0-75	1.0-34	NS-NS	0.6-22	1.0-16	1.8-36	1.1-36	
							0.4-7	0.7-31	NS-NS	0.7-26	1.1-18	1.6-50	1.5-41	
							0.9-20	NS-NS	NS-NS	NS-NS	0.6-15	1.5-42	NS-NS	
							0.8-14	NS-NS	NS-NS	0.7-13	0.6-16	0.9-40	0.5-9	
							1.2-52	NS-NS	1.2-28	0.7-14	0.6-27	0.8-31	1.0-25	
20-00S							NS-NS	NS-NS	0.8-41	0.7-22	NS-NS	0.5-25	1.1-52	20-00S
							NS-NS	NS-NS	0.7-20	0.8-10	0.3-19	NS-NS	NS-NS	
							NS-NS	0.4-8	0.9-18	0.5-10	1.5-54	0.5-23	0.8-28	
							NS-NS	0.8-17	0.7-8	0.6-12	0.7-19	0.5-30	NS-NS	
21-00S							NS-NS	0.5-17	0.7-12	0.8-25	0.8-26	0.6-31	0.8-52	21-00S

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

Ag/Cu GEOCHEM
SCALE
0 20 40 60 80 100 meters

ESSO MINERALS CANADA	
McDAME PROJECT	
MAIN GRID WEST	
Project No. 2150	Mining Division Ltd.
Latitude 59°12'	Longitude 127°31'
NTS 304 P. 4E	Scale 1:2000
To Accompany A Report By: C. Everett	
Dated: Nov. 1990	
Map No. 32	

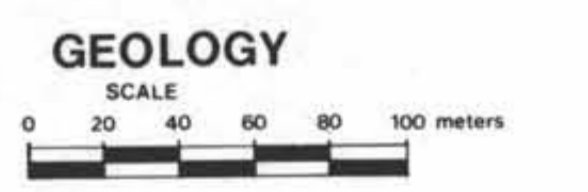


STRATIGRAPHIC SECTION

- Di** DIABASE DYKE
 - U** ULTRAMAFIC ? (ALTERED)
 - Ch** CHERT : grey green; occurs along faults and peripheral to silicified shear zones.
 - Arg** ARGILLITE: black argillite shale; minor black siltstone.
 - A_f** ANDESITE (FLOW): massive, grey green, fine grained, aphanitic flows.
 - A_t** ANDESITE (TUFF): similar to A_f; contains ~1-3% flattened chloritic fragments.
 - A_{bx}** ANDESITE (BRECCIATED): ~75-85% A_f and A_t angular fragments within a black chloritic matrix.
 - AD** ANDESITE-DACITE: moderately siliceous, light green, locally tuffaceous.
-
- qv** QUARTZ VEIN
 - Dol** DOLOMITE ALTERATION: grey to tan coloured; coarse euhedral disseminated pyrite and quartz stringers associated.
 - Dol_{bx}** DOLOMITE BRECCIA: ~80-90% intensely dolomitized fragments within a black tuffaceous matrix.
 - SS** SILICIFIED SHEAR ZONE BRECCIA: ~50-90% angular dolomitized fragments within a grey blue silica-pyrite matrix.

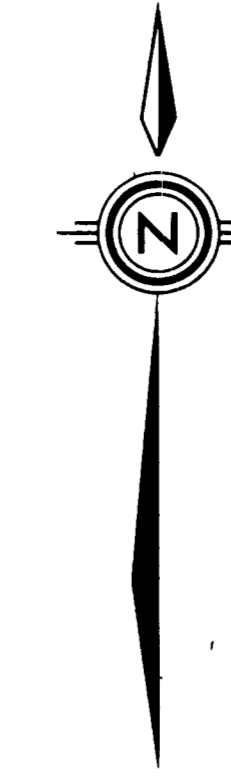
LEGEND

- outcrop
- float
- geological boundary --- defined
- approximate
- interpreted
- quartz vein attitude (inclined, vertical)
- bedding (inclined, vertical)
- foliation (inclined, vertical)
- jointing (inclined, vertical)
- fault
- syncline, anticline
- crackle texture
- visible gold
- chalcopyrite
- tetrahedrite
- pyrite
- mariposite
- trench
- glacial debris
- stream (perennial, intermittent)
- marsh
- road
- cat road
- trail



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

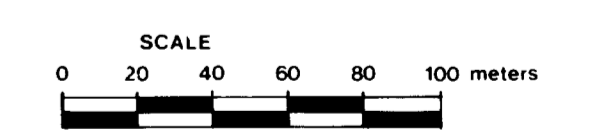
ESSO MINERALS CANADA	
McDAME PROJECT	
MAIN GRID EAST	
Project No: 2150	Mining Division: Ltd.
Latitude: 59° 15'	Longitude: 127° 37'
NTS: 504P 4E	Scale: 1:2000
To Accompany A Report By: C. Everett	
Dated: Nov. 1980	Map No. 33



	L10+00W	L9+00W	L8+00W	L7+00W	L6+00W	L5+00W	L4+00W	L3+00W	L2+00W	L1+00W	L0+00	
10+00S	10139 4063 10140 4064 NS NS 10141 4065 NS 10142 NS 10143 4066 10144 4067 4068 NS	NS NS 1264 NS NS 10119 1263 10120 NS 10121 1262 10122 1261 10123 1260	1308 1307 NS 10105 NS 1306 10106 1305 NS 1304 10107 1303 10108 1302 1301	NS NS NS 10098 2285 10099 2284 10100 2283 NS 2282 2281 2280 NS 2279 NS NS 10101 10102 10101 10102 10112 1295 10113 1294 NS 1293 1292 1291 10114 1290 10115 NS 2270 2269 2268 2267	NS NS NS NS 197 196 195 194 193 192 191 NS 208 209 NS 189 NS 188 187 NS 185 184 NS 183 182 181 180 179 4136	198 199 200 201 202 203 204 205 206 207 NS 208 209 NS NS NS 210 NS 211 212 213 214 215 216 217 NS 4077	1350 1349 10089 1348 10090 1347 10091 1346 10092 1345 10093 NS 1344 4292 1343 4291 1342 4290 1341 4289 1340 4288 1339 NS 1338 4287 NS 1337 4286 1336 4285 1335 4284 1334 NS NS NS 1333 4283 1332 4282 1331 4281 1330 NS 1329 NS 1328 4280 2364 NS	4297 4296 4295 NS 4294 4293 NS 4292 4291 4290 4289 4288 NS 4287 4286 4285 4284 NS NS NS 4283 4282 4281 NS 4280 4279 NS 4278 4277 4276 4275 4274 4273 4272 NS 4271 NS NS 4270 4269 NS 4268 4267 NS 4266	4235 4234 4233 NS NS 4232 NS NS 4231 4230 4229 4228 4227 4226 4225 4224 4223 NS NS NS 4222 4221 4220 4219 4218 4217 4216 4215 4214 4213 4212 4211 4210 4209 4208 4207 4206 4205 4204 4203 4202 4201 NS	10+00S 11+00S 12+00S 13+00S 14+00S 15+00S 16+00S 17+00S 18+00S 19+00S 20+00S 21+00S		

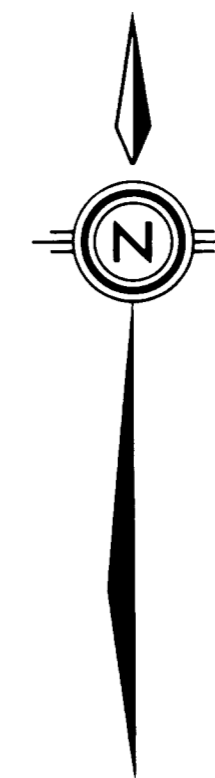
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

SAMPLE LOCATIONS



ESSO MINERALS CANADA
McDAME PROJECT
MAIN GRID EAST

Project No. 2150 Mining Division Ltd.
Latitude 52° 15' Longitude 127° 37'
NTS 1:2500 Scale 1:2000
To Accompany A Report By: C. Everett
Dated: Nov. 1980 Map No. 34



	L10+00W	L9+00W	L8+00W	L7+00W	L6+00W	L5+00W	L4+00W	L3+00W	L2+00W	L1+00W	L0+00	
10+00S	06-11 06-20 1.0-13 1.0-22	NS-NS	08-78	NS-NS	NS-NS	09-37	14-42	1.0-15	NS-NS	1.3-53	NS-NS	- 10+00S
	NS-NS	07-23	NS-NS	NS-NS	NS-NS	14-32	1.7-51	1.5-41	1.3-50	0.9-41	NS-NS	
	NS-NS	08-12	NS-NS	NS-NS	NS-NS	14-47	09-48	1.4-47	NS-NS	1.0-36	0.9-39	
	NS-NS	08-12	NS-NS	NS-NS	NS-NS	09-39	09-52	NS-NS	NS-NS	NS-NS	NS-NS	
	09-16	NS-NS	08-20	05-10	1.4-59	14-59	1.0-50	1.5-43	NS-NS	NS-NS	NS-NS	
11+00S	10-40 08-17 NS-NS 1.5-49 11-41 09-28 2.0-39	NS-NS 0.8-37 1.6-20 0.9-21 NS-NS 0.6-38 11-23 0.7-22	1.5-71 1.2-28 0.9-19 0.9-35 0.9-18 0.6-19	0.6-20 1.4-25 0.7-16 0.9-24 1.2-19	0.9-26 1.2-17 1.2-25 1.1-54	1.2-55 1.7-75 1.1-54 1.1-49	1.4-48 09-52 1.9-54 1.0-50 1.5-52 0.9-46 1.4-48 09-41 NS-NS	1.5-50 NS-NS 1.5-58 1.7-52	NS-NS NS-NS NS-NS 1.2-42	0.8-16 NS-NS NS-NS NS-NS	1.2-31 1.0-24 1.1-39 0.9-25	- 11+00S
	08-13	0.8-14 0.9-49 0.9-13	1.2-17 0.9-11	1.2-19 NS-NS	1.0-17 1.0-25	0.9-22 0.9-60	1.5-47 1.5-53	1.6-53 1.7-49	1.1-38 1.0-35	NS-NS NS-NS	0.9-25 0.9-22	
12+00S	08-29 0.9-58 0.7-20 0.6-14 1.0-50 0.7-17 1.0-40 1.9-76	0.5-11 0.9-58 0.7-15 0.6-14 1.0-19 1.0-24 1.1-26 1.9-76	0.8-30 1.0-23 1.0-32 1.3-106 1.1-44 1.4-107 1.1-85 0.7-18 0.7-10	0.8-28 NS-NS NS-NS NS-NS 0.9-17 1.1-85 0.7-38	1.0-46 NS-NS NS-NS 1.3-22 0.9-17 NS-NS 0.7-28	NS-NS NS-NS 0.9-17 1.4-42 NS-NS NS-NS	1.5-57 1.6-64 1.5-59 1.2-56 1.4-52 1.7-44	1.4-52 1.7-54 NS-NS NS-NS 1.7-45 NS-NS	1.5-44 1.2-28 1.4-44 NS-NS NS-NS NS-NS	1.2-45 0.7-21 0.6-28 0.8-21 1.4-45	0.9-28 0.8-10 0.9-24 0.7-15	- 12+00S
	1.6-55	0.5-11	1.1-40	0.7-48	1.5-77	1.1-33	0.9-13	1.6-45	NS-NS	0.8-41	0.7-11	- 13+00S
	0.9-15	0.9-21	1.0-16	0.9-18	1.1-64	NS-1.6	1.0-20	1.5-46	NS-NS	1.8-57	1.0-30	
	1.6-56	0.8-16 1.7-29 0.8-15	NS-NS	0.3-11	0.7-22	1.4-30	1.0-26	NS-NS	NS-NS	1.5-33	1.0-42	
	NS-NS	0.4-18 0.6-9 1.9-40	0.7-15	1.1-39	1.0-53	1.1-22	NS-NS	NS-NS	NS-NS	1.1-39	1.3-48	
	0.9-19	1.0-51 2.0-65 0.6-13	1.2-20	0.8-12	NS-NS	2.1-96	1.3-20	1.9-56	1.6-36	NS-NS	1.8-49	
14+00S	NS-NS NS-NS NS-NS 0.8-18 NS-NS 1.2-43	2.0-65 0.6-13 0.5-8 0.8-18 1.4-78 NS-NS NS-NS	1.8-58 1.1-48 1.0-13 1.0-108 NS-NS	0.5-20 NS-NS 0.4-12 1.0-23 0.6-15	0.6-29 0.6-21 1.0-23 1.0-23 0.6-16	1.4-75 1.1-11 1.3-41 1.6-63 NS-NS	0.6-10 1.0-17 1.3-24 1.1-18 0.9-13	1.6-51 1.3-33 NS-NS NS-NS 1.3-54	NS-NS NS-NS NS-NS 1.4-43 1.6-59	NS-NS NS-NS NS-NS 1.4-27 1.1-39 1.2-34 1.2-36	1.2-48 1.4-61 1.0-47 1.0-39 0.9-33 0.9-21	- 14+00S
	1.3-31	0.9-32 1.8-18 0.8-20	NS-NS	0.5-16	1.7-34	0.8-25 0.7-14	1.3-24	NS-NS	0.9-33	1.7-22	1.1-39	- 15+00S
	NS-NS	0.9-17 0.9-13	1.1-25 0.4-24	0.5-16 1.0-37	1.5-14	0.4-16 0.6-13 0.5-12	0.7-15	NS-NS	0.9-37	0.8-11	1.0-38	
	0.8-8	NS-NS 0.6-21 1.1-25	1.2-69 0.5-26 2.1-38 0.9-23	0.9-33 0.7-21 1.1-40	1.4-30	0.6-18 0.9-37 0.9-21	0.6-21	NS-NS	1.0-34	1.5-33	1.1-26	
16+00S	NS-NS 0.8-19 0.9-11 NS-NS NS-NS	NS-NS 0.8-25 0.7-27 1.1-61 1.0-52	0.7-113 NS-NS 0.4-24 NS-NS	NS-NS NS-NS 0.5-24 0.7-19	0.8-15 0.7-11 0.9-25 0.9-19 0.4-11	0.7-52 0.5-21 0.9-13 2.1-80 0.8-17 0.6-15	0.9-21 0.8-9 0.8-22 1.2-59 0.8-14 1.5-19	1.0-36 0.9-34 1.2-59 1.0-46 2.0-45 1.2-27	1.1-41 0.8-35 1.0-46 1.0-46 2.0-45 1.8-47	1.3-35 1.3-24 1.3-35 1.0-34 1.9-37 1.2-33	0.9-24 0.8-28 1.6-68 1.5-39 1.4-43	- 16+00S
	0.6-8	1.0-41	0.5-30	0.5-18	0.6-11	0.8-14	0.9-16	0.9-23	1.0-39	0.9-27	1.4-49	- 17+00S
	0.8-9	0.9-50	0.3-26	0.4-18	0.8-18	0.6-18	1.0-23	0.9-29	0.9-38	0.9-60	2.2-80	
	0.5-8	0.7-35	0.4-21	0.2-12	1.3-15	0.8-15	NS-NS	1.0-28	0.6-41	0.8-36	0.9-31	
	0.8-35	NS-NS	1.3-35	0.4-27	1.3-16	0.9-14	1.0-40	0.8-30	1.2-34	1.0-34	1.0-29	
	0.8-9	NS-NS	NS-NS	0.6-23	1.3-22	0.8-14	NS-NS	0.6-28	0.9-77	0.8-28	1.3-46	
18+00S	1.1-16 0.5-7 0.6-8 0.5-9 0.9-22	0.9-34 1.0-40 0.9-52 0.8-34 0.8-29	1.5-113 0.3-9 0.6-12 NS-NS NS-NS	0.2-12 0.7-10 1.0-22 0.9-20 1.2-19	0.8-24 1.0-15 1.5-20 0.9-15 1.0-24	0.6-15 0.6-24 0.9-32 0.9-25 1.2-35	1.0-23 1.1-19 0.9-22 1.0-16 0.8-19	1.2-28 0.6-29 1.2-56 1.2-68 1.2-61	1.0-44 1.1-29 0.9-41 1.9-27 2.4-58	0.9-35 1.0-50 1.8-57 1.4-58 3.3-46	1.8-21 1.1-32 1.6-40 1.3-40 1.7-54	- 18+00S
	0.9-26	0.7-14	NS-NS	0.8-14	0.9-21	1.0-18	0.7-18	0.9-60	1.7-48	1.4-45	1.4-48	- 19+00S
	0.7-18	1.3-48	NS-NS	0.9-8	1.0-29	1.1-51	0.7-13	1.1-63	2.0-35	1.8-62	1.3-49	
	0.5-20	0.9-19	1.7-54	1.1-11	0.7-31	1.0-15	1.3-23	0.9-56	2.2-46	1.2-29	2.0-63	
	0.9-9	0.5-16	1.3-44	1.1-38	0.9-33	1.0-21	1.2-21	1.3-66	2.3-35	0.9-33	1.2-35	
	0.7-6	0.8-18	1.3-49	1.0-16	0.9-55	1.4-44	1.3-42	0.9-63	2.1-38	1.0-28	1.1-76	
20+00S	0.8-7 0.8-10 1.1-27 0.9-23 1.0-45	NS-NS 1.1-33 0.7-8 0.9-24 1.1-21	NS-NS NS-NS 1.4-52 1.1-42 1.6-51	0.9-11 1.2-21 1.3-30 1.2-34 1.2-24	1.1-23 1.0-22 0.9-21 1.2-22 1.0-23	1.2-28 0.9-17 1.0-21 0.9-21 NS-NS	1.4-44 1.3-42 1.1-64 1.3-35 1.4-25	1.3-42 0.9-22 1.1-58 1.3-44 1.1-63	2.1-38 1.4-38 1.2-33 1.4-57 0.9-52	1.0-28 2.1-47 1.2-26 1.0-46 1.6-60	1.1-76 2.1-62 3.0-81 2.6-83 1.8-79	- 20+00S
	1.5-67	1.0-19	1.2-40	1.0-29	0.9-32	NS-NS	0.9-39	2.1-52	1.1-36	1.6-22	1.1-52	- 21+00S

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

Ag/Cu GEOCHEM
SCALE
0 20 40 60 80 100 meters

ESSO MINERALS CANADA

McDAME PROJECT

MAIN GRID
EAST

Project No. 2150 Mining Division Lard
Latitude 52° 15' Longitude 127° 31'
NTS 104P 4E Scale 1:2000
To Accompany A Report By: C. Everett
Dated: Nov. 1980 Map No. 36



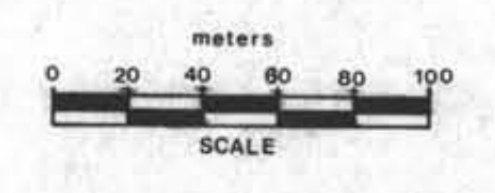
STRATIGRAPHIC SECTION

- Ap** ANDESITE PORPHYRY: medium grained, massive, green-brown, porphyritic volcanic flow; intrusive texture; contains ~5-10% pyroxene and amphibole phenocrysts.
- C.Arg** ARGILLITE (ALTERED): chloritized rafts of argillite within andesite porphyry, along basal contact to argillite/shale unit.
- Arg** ARGILLITE: black argillite, shale; minor black sandstone siltstone interbeds.
- Gw** GREYWACKE: grey black, coarse clastic sediment: contains <math>< 80\% < 3\text{mm}</math> angular fragments cemented by a fine grained black mud matrix.
- Ch** CHERT: green to black, locally banded; (silicified sediment?); occurs along contact to andesites.
- A** ANDESITE: massive, grey green to pale green, locally pillowed flows.
- AD** ANDESITE - DACITE: pale grey green, locally siliceous flow.
- QV** QUARTZ VEIN
- Dol** DOLOMITE ALTERATION: tan coloured, coarse euhedral pyrite often associated.

LEGEND

- OUTCROP
- FLUX
- GEOLOGICAL BOUNDARY: DEFINED, APPROXIMATE, INTERPRETED
- BEDDING (INCLINED, VERTICAL)
- QUARTZ VEIN ATTITUDE (INCLINED, VERTICAL)
- FAULTION (INCLINED, VERTICAL)
- FAULT: DEFINED, INTERPRETED
- SINKLINE, ANTICLINE
- VISIBILE BOND
- CHANGEPRISE
- TERRACE
- PIEDMONT
- TERRACE
- GLACIAL DEBRIS
- STEELBAR (PERMANENT, INTERMITTENT)
- ROAD
- CAT ROAD

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
No.



ESSO MINERALS CANADA

McDAME PROJECT

SKY GRID GEOLOGY

Project No. 2150 Mining Division Lillard

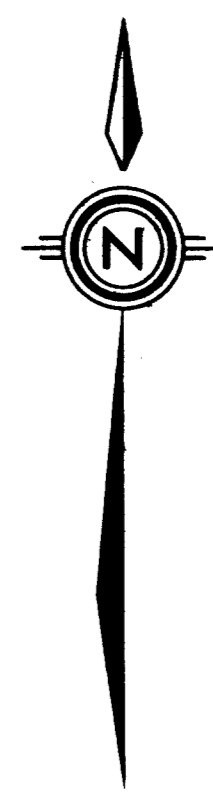
Latitude 59°15' Longitude 127°37'

NTS 104 P 4E Scale 1:2000

To Accompany A Report By: C. Everett
Dated: Nov 1980 Map No. 37

L13-00 W	L12-00 W	L11-00 W	L10-00 W	L9-00 W	L8-00 W	L7-00 W	L6-00 W	L5-00 W	L4-00 W	L3-00 W	L2-00 W	L1-00 W	7-00N	
			-1504	-2500	NS	-2464	-1470	2428	3117	-4406	-3082	-1388	7-00N	
			-1503	-2499	NS	-2463	-1469	2427	3116	-4405	-3081	-1387		
			-1502	-2498	NS	-2462	-1468	-2426	-3115	-4404	-3080	-1386		
			-1501	-2497	NS	-2461	-1467	-2425	-3114	-4403	-3079	-1385		
			-1500	-2496	NS	-2460	-1466	-2424	-3113	-4402	-3078	-1384		
			-1499	-2495	NS	-2459	-1465	-2423	-3112	-4401	NS	-1383	6-00N	
			-1498	-2494	-1534	-2458	NS	-2422	-3111	-4400	-3077	-1382	6-00N	
			-1497	-2493	-1533	-2457	NS	-2421	-3110	-4399	-3076	-1381		
			-1496	-2492	-1532	-2456	-1464	-2420	-3109	-4398	-3075	-1380		
			-1495	-2491	-1531	-2455	-1463	-2419	-3108	-4397	-3074	-1379		
			-1494	-2490	-1530	-2454	-1462	-2418	-3107	-4396	-3073	-1378	5-00N	
			-1493	-2489	-1529	-2453	-1461	-2417	-3106	-4395	-3072	-1377	5-00N	
			-1492	-2488	-1528	-2452	-1460	-2416	-3105	-4394	-3071	-1376		
			-1491	-2487	-1527	-2451	-1459	-2415	-3104	-4393	-3070	-1375		
			-1490	-2486	-1526	-2450	-1458	-2414	-3103	-4392	-3069	-1374		
			-1489	-2485	-1525	-2449	-1457	-2413	-3102	-4391	-3068	-1373	4-00N	
			-1488	-2484	-1524	-2448	-1456	-2412	-3101	-4390	-3067	-1372	4-00N	
			-1487	-2483	-1523	-2447	-1455	-2411	-3100	-4389	-3066	-1371		
			-1486	-2482	-1522	-2446	-1454	-2410	-3099	NS	-3065	-1370		
			-1485	-2481	-1521	-2445	-1453	-2409	-3098	-4388	-3064	-1369		
			-1484	-2480	-1520	-2444	-1452	-2408	-3097	-4387	-3063	-1368	3-00N	
			-1483	-2479	-1519	-2443	-1451	-2407	-3096	-4386	-3062	-1367	3-00N	
			-1482	-2478	-1518	-2442	-1450	-2406	-3095	NS	-3061	-1366		
			NS	-2477	-1517	-2441	-1449	-2405	-3094	-4385	-3060	-1365		
			NS	-2476	-1516	-2440	-1448	-2404	-3093	-4384	-3059	-1364		
			-1481	-2475	-1515	-2439	-1447	-2403	-3092	-4383	-3058	-1363	2-00N	
			-1479	-2474	-1514	-2438	-1446	-2402	-3091	-4382	-3057	-1362	2-00N	
			NS	-2473	-1513	-2437	-1445	-2401	-3090	-4381	-3056	-1361		
			NS	-2472	-1512	-2436	-1444	-2400	-3089	-4380	-3055	-1360		
			NS	-2471	-1511	-2435	-1443	-2399	-3088	-4379	-3054	-1359		
			-1478	-2470	-1510	-2434	-1442	-2398	-3087	-4378	-3053	-1358	1-00N	
			-1475	-2469	-1509	-2433	-1441	-2397	-3086	-4377	-3052	NS	1-00N	
			-1474	-2468	-1508	-2432	-1440	-2396	-3085	NS	-3051	-1357		
			-1473	-2467	-1507	-2431	-1439	-2395	-3084	-4376	-3050	-1356		
			-1472	-2466	-1506	-2430	-1438	-2394	-3083	-4375	-3049	-1355		
			-1471	-2465	-1505	-2429	-1437	-2393	NS	-4374	-3048	-1354	0-00	
			-1718	-2681	-1659	-2501	-1613	-2638	-2590	-1574	-1535	-3000	-1389	4324
			-1719	-2682	-1660	-2502	-1614	-2639	-2591	-1575	-1536	-3001	-1390	4325
			-1720	-2683	-1661	-2503	-1615	-2640	-2592	-1576	-1537	-3002	-1391	4326
			-1721	-2684	-1662	-2504	-1616	-2641	-2593	-1577	-1538	-3003	-1392	4327
			NS	5034	-1663	-2505	-1617	-2642	-2594	NS	-1539	-3004	-1393	4328
			NS	5035	-1664	-2506	-1618	-2643	-2595	NS	-1540	-3005	-1394	4329
			NS	5036	-1665	-2507	-1619	-2644	-2596	NS	-1541	-3006	-1395	4330
			NS	5037	-1666	-2508	-1620	-2645	-2597	NS	-1542	-3007	-1396	4331
			NS	5038	-1667	-2509	-1621	-2646	-2598	NS	-1543	-3008	-1397	4332
			NS	5039	-1668	-2510	-1622	-2647	-2599	NS	-1544	-3009	-1398	4333
			NS	5040	-1669	-2511	-1623	-2648	-2600	NS	-1545	-3010	-1399	4334
			NS	5041	-1670	-2512	-1624	-2649	-2601	NS	-1546	-3011	-1400	NS
			NS	5042	-1671	-2513	-1625	-2650	-2602	NS	-1547	-3012	-1401	4335
			NS	5043	-1672	-2514	-1626	-2651	-2603	NS	-1548	-3013	-1402	4336
			NS	5044	-1673	-2515	-1627	-2652	-2604	NS	-1549	-3014	-1403	4337
			NS	5045	-1674	-2516	-1628	-2653	-2605	NS	-1550	-3015	-1404	4338
			NS	5046	-1675	-2517	-1629	-2654	-2606	NS	-1551	-3016	-1405	4339
			NS	5047	-1676	-2518	-1630	-2655	-2607	NS	-1552	-3017	-1406	4340
			NS	5048	-1677	-2519	-1631	-2656	-2608	NS	-1553	-3018	-1407	4341
			NS	5049	-1678	-2520	-1632	-2657	-2609	NS	-1554	-3019	-1408	4342
			NS	5050	-1679	-2521	-1633	-2658	-2610	NS	-1555	-3020	-1409	4343
			NS	5051	-1680	-2522	-1634	-2659	-2611	NS	-1556	-3021	-1410	4344
			NS	5052	-1681	-2523	-1635	-2660	-2612	NS	-1557	-3022	-1411	4345
			NS	5053	-1682	-2524	-1636	-2661	-2613	NS	-1558	-3023	-1412	4346
			NS	5054	-1683	-2525	-1637	-2662	-2614	NS	-1559	-3024	-1413	4347
			NS	5055	-1684	-2526	-1638	-2663	-2615	NS	-1560	-3025	-1414	4348
			NS	5056	-1685	-2527	-1639	-2664	-2616	NS	-1561	-3026	-1415	4349
			NS	5057	-1686	-2528	-1640	-2665	-2617	NS	-1562	-3027	-1416	4350
			NS	5058	-1687	-2529	-1641	-2666	-2618	NS	-1563	-3028	-1417	4351
			NS	5059	-1688	-2530	-1642	-2667	-2619	NS	-1564	-3029	-1418	4352
			NS	5060	-1689	-2531	-1643	-2668	-2620	NS	-1565	-3030	-1419	4353
			NS	5061	-1690	-2532	-1644	-2669	-2621	NS	-1566	-3031	-1420	4354
			NS	5062	-1691	-2533	-1645	-2670	-2622	NS	-1567	-3032	-1421	4355
			NS	5063	-1692	-2534	-1646	-2671	-2623	NS	-1568	-3033	-1422	4356
			NS	5064	-1693	-2535	-1647	-2672	-2624	NS	-1569	-3034	-1423	4357
			NS	5065	-1694	-2536	-1648	-2673	-2625	NS	-1570	-3035	-1424	4358
			NS	5066	-1695	-2537	-1649	-2674	-2626	NS	-1571	-3036	-1425	4359
			NS	5067	-1696	-2538	-1650	-2675	-2627	NS	-1572	-3037	-1426	4360
			NS	5068	-1697	-2539	-1651	-2676	-2628	NS	-1573	-3038	-1427	4361
			NS	5069	-1698	-2540	-1652	-2677	-2629	NS	-1574	-3039	-1428	4362
			NS	5070	-1699	-2541	-1653	-2678	-2630	NS	-1575	-3040	-1429	4363
			NS	5071	-1700	-2542	-1654	-2679	-2631	NS	-1576	-3041	-1430	4364
			NS	5072	-1701	-2543	-1655	-2680	-2632	NS	-1577	-3042	-1431	4365
			NS	5073	-1702	-2544	-1656	-2681	-2633	NS	-1578	-3043	-1432	4366
			NS	5074	-1703	-2545	-1657	-2682	-2634	NS	-1579	-3044	-1433	4367
			NS	5075	-1704	-2546	-1658	-2683	-2635	NS	-1580	-3045	-1434	4368
			NS	5076	-1705	-2547	-1659	-2684	-2636	NS	-1581	-3046	-1435	4369
			NS	5077	-1706	-2548	-1660	-2685	-2637	NS	-1582	-3047	-1436	4370
			NS	5078	-1707	-2549	-1661	-2686	-2638	NS	-1583	-3048	-1437	4371
			NS	5079	-1708	-2550	-1662	-2687	-2639	NS	-1584	-3049	-1438	4372
			NS	5080	-1709	-2551	-1663	-2688	-2640	NS	-1585	-3050	-1439	4373
			NS	5081	-1710	-2552	-1664	-2689	-2641	NS	-1586	-3051	-1440	4374
			NS	5082	-1711	-2553	-1665	-2690	-2642	NS	-1587	-3052	-1441	4375
			NS	5083	-1712	-2554	-1666	-2691	-2643	NS	-1588	-3053	-1442	4376
			NS	5084	-1713	-2555	-1667	-2692	-2644	NS	-1589	-3054	-1443	4377
			NS	5085	-1714	-2556	-1668	-2693	-2645	NS	-1590	-3055	-1444	4378
			NS	5086	-1715	-2557	-1669	-2694	-2646	NS	-1591	-3056	-1445	4379
			NS	5087	-1716	-2558	-1670	-2695	-2647	NS	-1592	-3057	-1446	4380
			NS	5088	-1717	-2559	-1671	-2696	-2648	NS	-1593	-3058	-1447	4381
			NS	5089	-1718	-2560	-1672	-2697	-2649	NS	-1594	-3059	-1448	4382
			NS	5090	-1719	-2561	-1673	-2698	-2650	NS	-1595	-3060	-1449	4383
			NS	5091	-1720	-2562	-1674	-2699	-2651	NS	-1596	-3061	-1450	4384
			NS	5092	-1721	-2563	-1675	-2700	-2652	NS	-1597	-3062	-1451	4385
			NS	5093	-1722	-2564	-1676	-2701	-2653	NS	-1598	-3063	-1452	4386
			NS	5094	-1723	-2565	-1677	-2702	-2654	NS	-1599	-3064	-1453	4387
			NS	5095	-1724	-2566	-1678	-2703	-2655	NS	-1600	-3065	-1454	4388
			NS	5096	-1725	-2567	-1679	-2704	-2656	NS	-1601	-3066	-1455	4389
			NS	5097	-1726	-2568	-1680	-2705	-2657	NS	-1602	-3067	-1456	4390
			NS	5098	-1727	-2569	-1681	-2706	-2658	NS	-1603	-3068	-1457	4391
			NS	5099	-1728	-2570	-1682</							

L13-00W	L12-00W	L11-00W	L10-00W	L9-00W	L8-00W	L7-00W	L6-00W	L5-00W	L4-00W	L3-00W	L2-00W	L1-00W	
7-00N			40.25	-21	NS	-10	-16	-17	-39	-13	11	-27	7-00N
			-8	-1	NS	-10	-18	-1	-11	-7	-21	-3	
			-18	5.84	NS	-16	-28	<-1	-8	-3	-41	-15	
			-5	-30	NS	-7	-14	<-1	-16	-18	-9	-6	
			-8	-32	NS	<5-78	-9	-7	-14	-14	-12	-43	
6-00N			25.46	-19	NS	-3	-9	-5	-24	-45	NS	-25	6-00N
			80.56	-16	55.61	-1	NS	<-1	10.41	-21	-4	-21	
			-5	-11	-18	-2	NS	-9	-11	-16	-8	135.4	
			NS	-10	-20	-11	-6	-7	-11	-11	-7	145-108	
			<-1	<-1	-2	-11	-10	-18	-9	-16	-5	15-149	
5-00N			9	50.7	<-1	-6	-5	-11	-16	-21	-14	<-1	5-00N
			NS	<-1	-9	-9	40.11	-4	-23	-9	-9	-5	
			<-1	NS	<-1	-19	-4	-9	-14	-2	-11	15-326	
			NS	-28	NS	-2	-9	5.9	-14	-9	-15	10.5	
			<-1	-14	-2	-9	<-1	440.247	5.11	-9	-6	-3	
			50.4	8	-1	-20	-2	5.4	-11	-4	-6	-3	
4-00N			10	3	<-1	-7	-2	-4	-14	-7	-21	-1	4-00N
			17	7	-4	-23	-2	-7	-9	-20	-4	<-1	
			8	6	<-1	-16	-1	-1	-14	70.<-1	-3	<-1	
			2	2	-21	-9	-3	-1	-21	NS	<-1	-4	
			17	<-1	-6	-2	<-1	-5	30.12	-14	5.32	-10	
3-00N			40	7	-5	-12	-3	<-1	-16	<-1	-15	-3	3-00N
			14	16	-3	<-1	-11	-7	-20	<-1	-8	<-1	
			11	4	-14	-22	<-1	-9	-14	-5	NS	-5	
			8	5	11	NS	-4	<-1	-14	-8	-2	-11	
			12	1	2	-16	-8	-3	-11	-7	<-1	-7	
2-00N			15	<-1	15.3	-3	3	2	-1	-8	-13	95.16	2-00N
			5	NS	25.9	-31	-1	2	-11	-2	-5	-3	
			2	<-1	50.8	NS	-5	-7	-14	-7	<-1	-5	
			4	<-1	NS	8	<-1	-5	-7	-5	-1	-8	
			23	NS	-16	-16	-10	-5	-7	<-1	-6	<-1	
1-00N			7	<-1	5	-10	-3	-10	-11	-27	<-1	20.14	1-00N
			12	<-1	5	-13	-1	-12	-10	-2	-9	NS	
			9	<-1	5	-13	5	8	<-1	-9	NS	20.11	
			12	<-1	30.4	-13	-15	-6	-9	15.3	-9	5.1	10.<-1
			26	2	5	-20	2	2	-7	-22	-1	-6	
0-00			50.22	<-1	7	4	3	9	<-1	2	1	<-1	0-00
			21	3	-12	2	8	-22	11	-11	-1	-4	
			18	2	-13	<-1	5	-13	-31	-7	-15	-3	
			9	<-1	9	7	-9	-1	-7	-9	-7	<-1	
			NS	-7	-12	<-1	-32	-1	7	-5	-12	-1	
1-00S			NS	-2	-13	<-1	5.4	-7	<-1	NS	-7	NS	1-00S
			NS	<-1	45.83	<-1	8	-9	-12	-12	-9	-6	
			NS	<-1	25.78	<-1	-9	-16	-11	-1	-5	<-1	
			NS	35.28	10.47	20.8	-21	-1	-5	NS	10.4	-4	
			NS	<-1	30.129	<-1	-20	21	15.700	NS	5.16	-4	
			10	15.308	25.720	NS	8	5.<-1	15.7	NS	35.5	-9	
			NS	<-1	35.790	NS	-18	-11	NS	NS	15.6	-9	
			NS	15.8	10.31	25.580	10.7	15.6	NS	NS	NS	NS	
2-00S			70.137	<-1	50.218	NS	5.11	-22	-10	-27	NS	-10	2-00S
			NS	<-1	10.1	20.470	5.5	-10.7	NS	NS	-9	-3	
			12	45.14	55.372	-32	<5.30	7	NS	-5	-6	-10	
			NS	10.19	5.24	15.277	5.3	-1	NS	-16	-46	-8	
			7	NS	NS	-1	-5	-17	-1	NS	-12	-6	
			14	5.13	<-1	15.10	10.10	<-1	NS	-12	-6	<-1	
			NS	NS	<-1	<-1	<-1	-21	-12	NS	-9	<-1	
			11	5.17	5.24	10.11	20.4	-4	NS	-9	NS	<-1	
3-00S			NS	10.5	2100.3	30.12	NS	-28	10.11	NS	-34	17	3-00S
			9	8	NS	NS	-28	20.14	-11	NS	-17	NS	
			29	15	-5	<-1	-16	10.4	NS	-2	-7	35.14	
			8	6	NS	<-1	-9	NS	-5	NS	-13	NS	
			13	3	NS	NS	-14	NS	-9	NS	-7	NS	
			7	4	-11	<-1	5.22	24	NS	NS	-23	-7	
4-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4-00S
			6	NS	NS	<-1	-18	-12	-4	-8	-16	-30	
			7	<-1	NS	-20	11	NS	NS	-8	-27	-3	
			15	<-1	NS	-23	11	NS	NS	-8	-27	-3	
			9	4	NS	-6	-16	<-1	NS	-15	-10	<-1	
5-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5-00S
			9	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			9	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			8	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			10	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
6-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6-00S
			15	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			6	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			6	4	NS	NS	NS	NS	NS	NS	NS	NS	
			19	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
7-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7-00S
			18	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			14	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			20	5	NS	NS	NS	NS	NS	NS	NS	NS	
			17	2	NS	NS	NS	NS	NS	NS	NS	NS	
			10	4	NS	NS	NS	NS	NS	NS	NS	NS	
8-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8-00S
			11	4	NS	NS	NS	NS	NS	NS	NS	NS	
			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
			4	1	NS	NS	NS	NS	NS	NS	NS	NS	
			6	15.14	NS	NS	NS	NS	NS	NS	NS	NS	
9-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9-00S
			17	<-1	NS	NS	NS	NS	NS	NS	NS	NS	
			22	8	<-1	NS	NS	NS	NS	NS	NS	NS	
			18	12	NS	NS	NS	NS	NS	NS	NS	NS	
			15	26	NS	NS	NS	NS	NS	NS	NS	NS	
			7	10.9	<-1	NS	NS	NS	NS	NS	NS	NS	
10-00S			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10-00S
			8	6	NS	NS	NS	NS	NS	NS	NS	NS	
			11	7	NS	NS	NS	NS	NS	NS	NS	NS	



9116
NO.

Au/As GEOCHEM
SCALE
0 20 40 60 80 100
meters

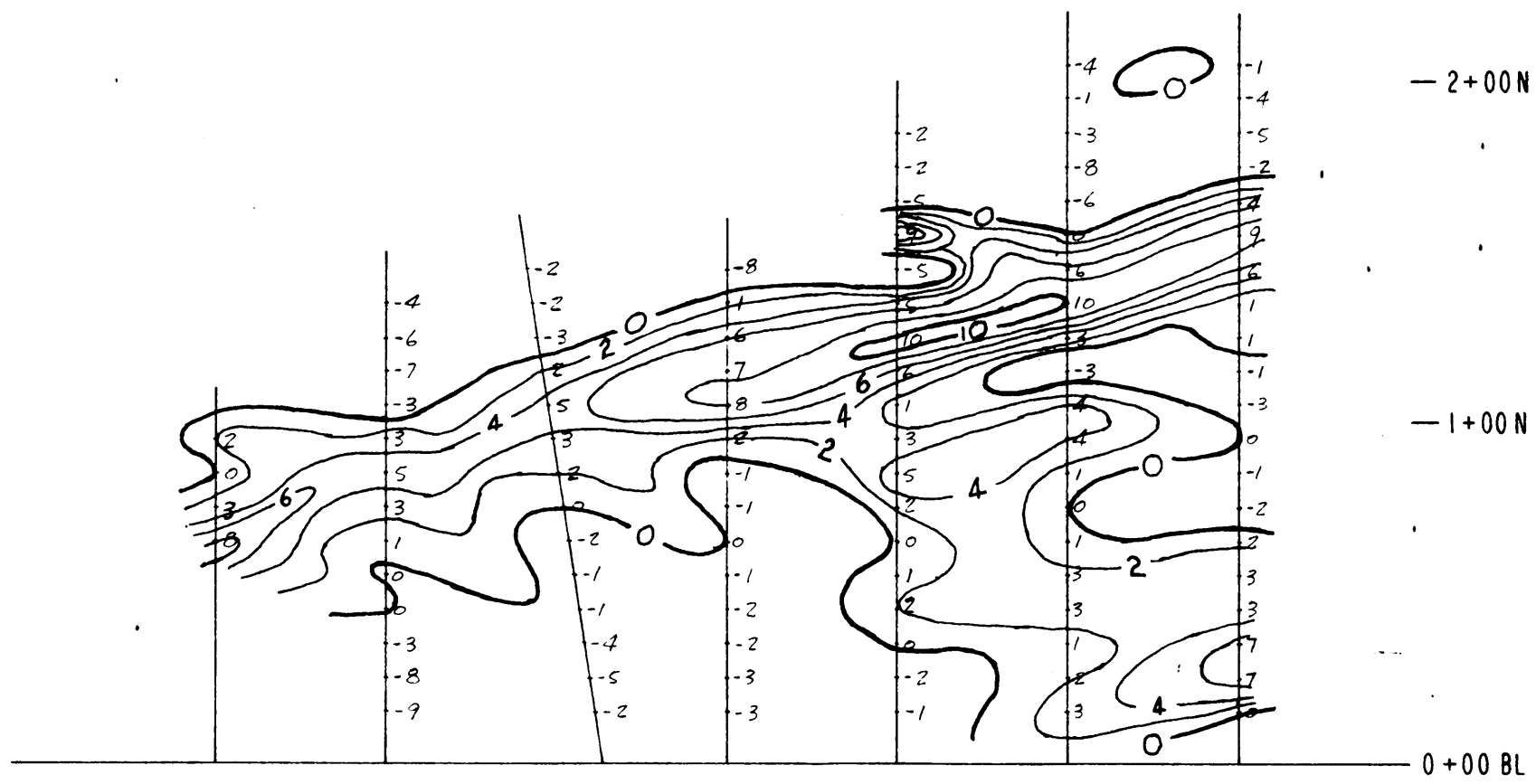
ESSO MINERALS CANADA

McDAME PROJECT
SKY GRID

Project No. 2150 Mining Division L&P
 Latitude 59°15' Longitude 117°37'
 NTS 104 P 4E Scale 1:2000
 To Accompany A Report By C. Evans
 Date Nov 1980 Map No. 39



	L13-00 W	L12-00 W	L11-00 W	L10-00 W	L9-00 W	L8-00 W	L7-00 W	L6-00 W	L5-00 W	L4-00 W	L3-00 W	L2-00 W	L1-00 W	
7-00N				08.80	07.64	NS NS	13.34	04.10	17.25	17.34	09.33	15.40	06.38	7-00N
				07.26	09.43	NS NS	15.44	06.22	14.43	12.24	08.30	07.29	04.26	
				06.28	10.42	NS NS	12.34	08.14	09.24	08.25	14.34	14.47	09.42	
				07.38	06.48	NS NS	10.31	08.22	12.23	11.32	12.41	12.48	09.34	
				06.36	10.61	NS NS	14.55	06.16	08.29	05.21	12.27	10.54	07.33	
6-00N				07.32	09.30	NS NS	08.35	06.40	09.23	06.40	14.69	NS NS	10.52	6-00N
				06.38	09.35	13.59	09.29	NS NS	11.12	04.60	12.53	14.57	08.58	
				06.66	10.32	10.43	09.36	NS NS	10.18	04.30	12.33	12.36	10.03	
				06.19	05.31	08.38	11.24	14.33	13.41	04.22	10.28	04.36	11.35	
				05.18	05.19	06.28	08.13	09.27	10.38	0.423	10.21	07.46	14.48	
5-00N				08.25	06.44	10.84	09.27	10.29	10.30	08.14	13.20	04.39	16.63	5-00N
				03.15	NS NS	06.24	08.28	11.29	09.37	12.52	11.30	07.48	15.45	
				NS NS	06.28	04.22	08.23	09.29	07.17	0.616	0.825	0.550	1.330	
				05.17	12.55	04.23	06.32	06.22	11.48	11.43	10.28	17.84	0.569	
				12.60	16.76	07.18	0.626	09.25	0.858	0.631	0.613	16.56	0.528	
4-00N				06.25	08.20	05.21	06.26	07.39	07.32	09.18	10.16	11.37	08.36	4-00N
				05.32	06.22	03.16	06.38	05.28	08.35	08.37	08.39	14.31	04.32	
				05.34	06.30	05.22	02.12	08.37	0.626	1.249	0.630	09.24	08.36	
				05.44	06.26	10.47	14.86	0.640	08.33	08.17	18.34	10.21	09.38	
				04.23	06.20	12.47	06.30	12.46	07.32	0.830	2.235	12.29	1.064	
3-00N				05.41	09.23	06.17	12.42	08.55	0.818	09.28	14.24	13.31	05.34	3-00N
				04.12	06.14	07.13	08.26	09.28	06.12	14.52	08.25	12.27	08.66	
				06.11	10.20	10.56	08.30	09.54	07.48	12.57	0.621	15.29	1.009	
				04.13	07.22	07.22	NS NS	08.31	10.58	10.24	04.13	12.34	07.12	
				10.20	07.32	06.16	06.12	10.66	08.23	13.27	08.36	13.14	05.10	
2-00N				05.17	13.50	20.91	08.18	06.55	09.12	12.13	12.13	12.26	04.16	2-00N
				06.17	NS NS	07.17	04.16	10.30	08.18	14.19	10.13	13.21	06.8	
				05.41	13.41	13.82	NS NS	10.24	06.18	12.27	10.22	14.14	08.14	
				11.51	14.57	NS NS	06.24	12.23	06.45	06.23	08.14	13.21	06.4	
				04.18	NS NS	11.47	04.20	14.41	09.46	12.43	08.14	18.18	08.18	
1-00N				04.34	08.35	05.29	10.37	16.31	07.40	15.37	14.34	17.15	08.22	1-00N
				04.28	07.33	11.21	08.26	12.39	09.22	18.21	10.24	12.18	07.19	
				06.24	04.29	11.15	08.22	11.45	08.32	13.20	14.13	12.29	04.16	
				05.25	08.26	21.25	08.15	11.34	09.60	14.25	04.26	16.63	19.32	
				06.34	10.24	06.20	04.18	10.23	08.23	13.16	06.33	17.43	08.28	
0-00				10.86	11.26	11.22	08.16	11.27	10.30	12.26	08.17	14.36	NS NS	0-00
				03.14	09.19	11.33	06.22	09.22	14.27	04.24	09.17	17.18	14.25	
				04.17	07.21	12.14	06.12	12.21	13.27	05.30	11.12	12.28	11.33	
				03.20	05.13	10.25	07.29	08.23	11.15	04.29	1.435	2.842	1.718	
				NS NS	08.31	11.19	08.30	06.17	12.16	08.20	14.32	13.30	09.15	
1-00S				NS NS	06.22	09.20	04.11	09.115	16.12	02.22	11.15	NS NS	14.16	1-00S
				NS NS	07.21	12.24	08.20	10.19	09.17	05.24	15.14	NS NS	09.19	
				NS NS	06.14	11.19	10.23	09.13	13.24	02.32	18.46	14.51	16.27	
				NS NS	05.15	13.22	09.18	08.41	13.20	06.44	08.41	NS NS	2.361	
				03.26	07.49	08.23	12.36	15.27	15.27	09.26	10.23	NS NS	2.246	
				07.18	07.18	03.12	12.89	15.39	19.36	17.20	NS NS	2.026	08.22	
2-00S				06.76	10.27	10.30	2.240	2.037	2.037	1.220	NS NS	13.14	2.744	2-00S
				04.20	05.18	2.474	1.728	3.890	1.628	08.24	NS NS	11.18	NS NS	
				05.15	09.19	05.22	10.41	10.27	12.19	06.22	12.14	18.12	11.31	
				07.14	06.15	08.23	06.18	10.27	NS NS	08.32	13.22	15.13	NS NS	
				03.24	08.41	05.15	2.735	11.15	06.14	18.16	16.25	NS NS	14.0	
				03.13	06.21	03.15	2.252	NS NS	2.031	2.148	14.16	NS NS	NS NS	
				03.16	17.64	07.15	14.28	14.53	NS NS	10.30	18.14	13.21	NS NS	
				03.17	06.27	NS NS	07.19	09.28	NS NS	07.22	13.12	12.22	NS NS	
				04.20	06.12	06.14	NS NS	10.22	12.48	07.12	20.18	13.46	NS NS	
				04.15	06.9	05.13	06.16	16.68	10.16	05.18	2.238	12.41	NS NS	
4-00S				04.19	06.24	NS NS	10.43	10.52	11.18	05.14	11.13	15.42	NS NS	4-00S
				05.8	NS NS	NS NS	09.44	13.23	12.14	07.12	18.19	1.225	14.28	
				09.10	04.47	NS NS	14.32	14.41	NS NS	10.14	NS NS	14.27	17.31	
				07.16	06.14	NS NS	04.13	09.27	07.6	NS NS	08.51	10.37	14.22	
				06.21	09.19	NS NS	10.27	08.29	13.19	NS NS	2.470	09.22	2.541	
				06.16	06.11	NS NS	09.15	19.26	NS NS	14.20	11.20	11.32	15.42	
5-00S				07.19	06.18	NS NS	NS NS	12.25	NS NS	09.19	14.21	12.13	15.29	5-00S
				07.14	08.17	08.20	NS NS	14.28	16.35	NS NS	12.24	15.21	11.33	
				05.11	13.22	07.14	NS NS	NS NS	14.34	NS NS	14.29	17.20	06.30	
				13.16	08.16	05.11	11.40	NS NS	2.030	NS NS	13.30	10.14	08.25	
6-00S				09.14	10.15	06.13	13.45	NS NS	13.29	06.26	13.31	10.17	16.28	6-00S
				07.16	07.14	06.11	NS NS	NS NS	NS NS	NS NS	11.18	14.27	12.10	
				04.12	08.18	11.16	NS NS	NS NS	NS NS	NS NS	14.35	13.12	10.10	
				04.34	08.23	07.25	NS NS	10.24	NS NS	05.32	07.24	0.69	1.128	
				05.13	16.22	08.26	NS NS	11.25	14.18	09.21	13.32	15.24	08.16	
				05.27	06.8	06.23	NS NS	NS NS	13.11	03.30	09.26	14.35	16.14	
				08.7	08.11	NS NS	NS NS	16.24	14.16	05.26	03.14	11.21	05.29	
				08.25	11.19	09.19	NS NS	12.30	15.32	06.32	04.32	13.18	09.17	
				07.43	09.15	09.22	07.11	04.14	14.17	04.9	13.36	11.31	13.38	
				08.19	13.19	NS NS	14.17	12.25	14.20	04.18	08.22	22.16	17.23	
8-00S				10.14	11.16	NS NS	13.17	12.28	18.48	06.13	06.21	14.21	11.20	8-00S
				09.26	13.19	NS NS	06.12	15.33	21.41	04.34	08.27	22.20	4.038	
				NS NS	NS NS	NS NS	07.18	12.17	06.10	1.023	0.211	14.18	NS NS	
				08.18	07.31	08.15	11.11	11.29	10.9	07.21	08.16	12.17	11.20	
				06.18	14.88	07.12	18.25	33.57	23.31	09.18	06.21	11.17	NS NS	
				06.15	14.49	14.14	18.23	14.52	27.37	11.40	09.28	03.8	04.20	
9-00S				07.14	10.22	10.14	NS NS	13.14	2.032	1.219	6.572	1.219	2.626	9-00S
				09.15	14.25	08.20	NS NS	15.72	15.16	03.12	02.17	1.228	1.211	
				08.19	11.30	09.19	NS NS	NS NS	NS NS	NS NS	07.13	06.19	12.15	
				08.15	21.36	08.22	05.18	16.100	19.27	04.19	18.18	11.19	NS NS	
				10.00S	08.11									



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9116

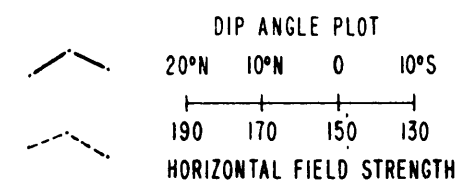
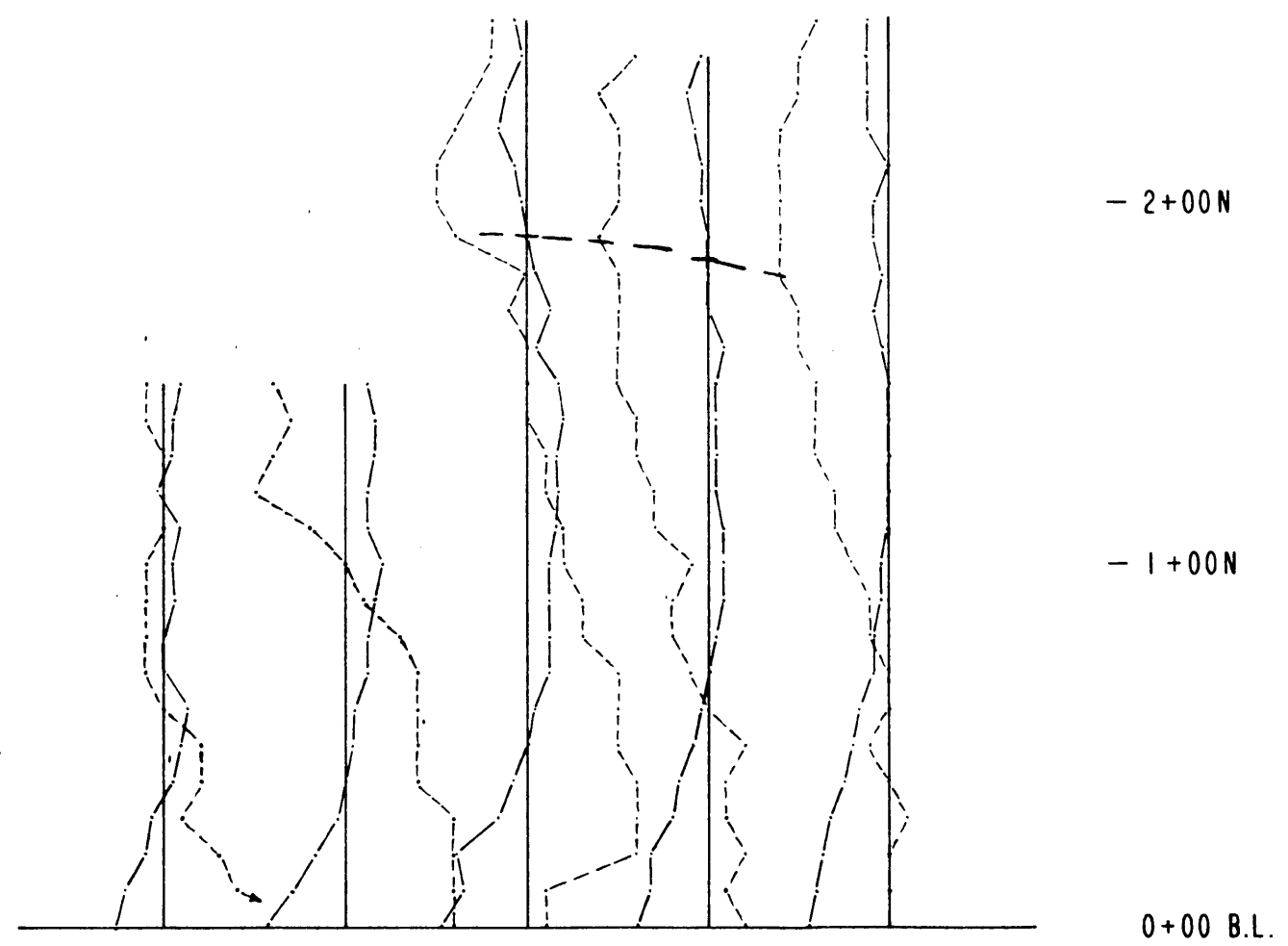
NO. _____

ESSO MINERALS CANADA
DIV. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: MCDAME
PORCUPINE FOLLOW-UP GRID
CONTOURED VLF DIP ANGLES
(FRASER FILTERED)
CONTOUR INTERVAL = 2

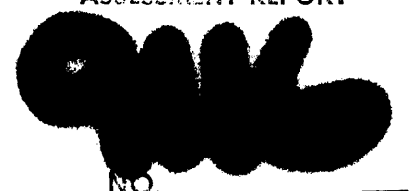
ACCOUNT # MA 50 FILE # B.C. 50 TORONTO

SCALE	0	50	100 M	DATE	1/81
AUTHOR	Z. DOBORZYNSKI	KTS	104B	DWG. #	41B

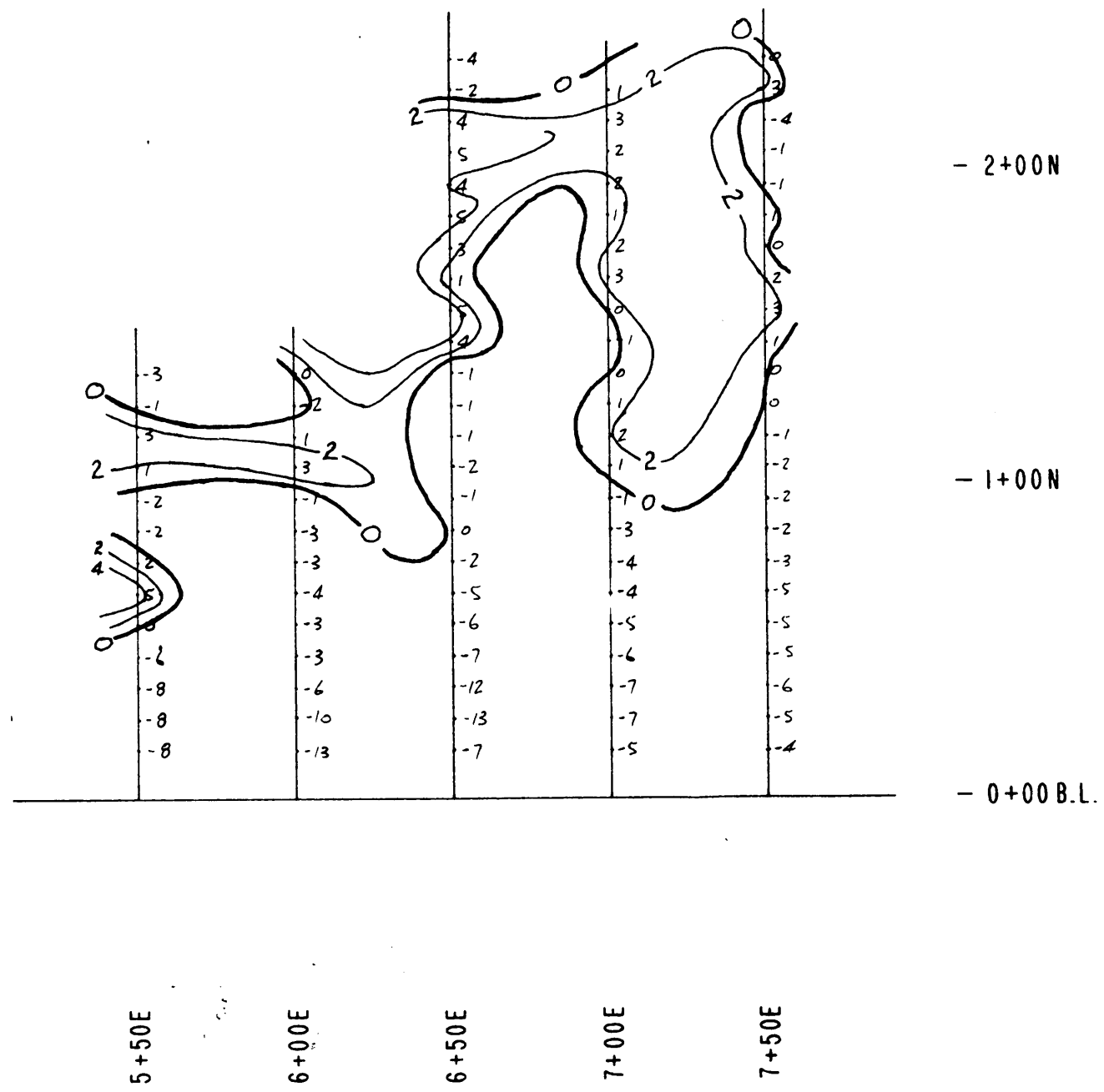


INSTRUMENT: PHOENIX VLF-2
TRANSMITTER: CUTLER, MAINE
FREQUENCY: 17.8 KHZ

ESSO MINERALS CANADA DIV'N. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: MCDAME		
DAVIS FOLLOW-UP GRID		
VLF-EM SURVEY		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE	0 50 100M	DATE 1/81
AUTHOR Z. DOBORZYNSKI	NTS 104B	DWG. # 42 A

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO. _____

5+50E 6+00E 6+50E 7+00E 7+50E



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

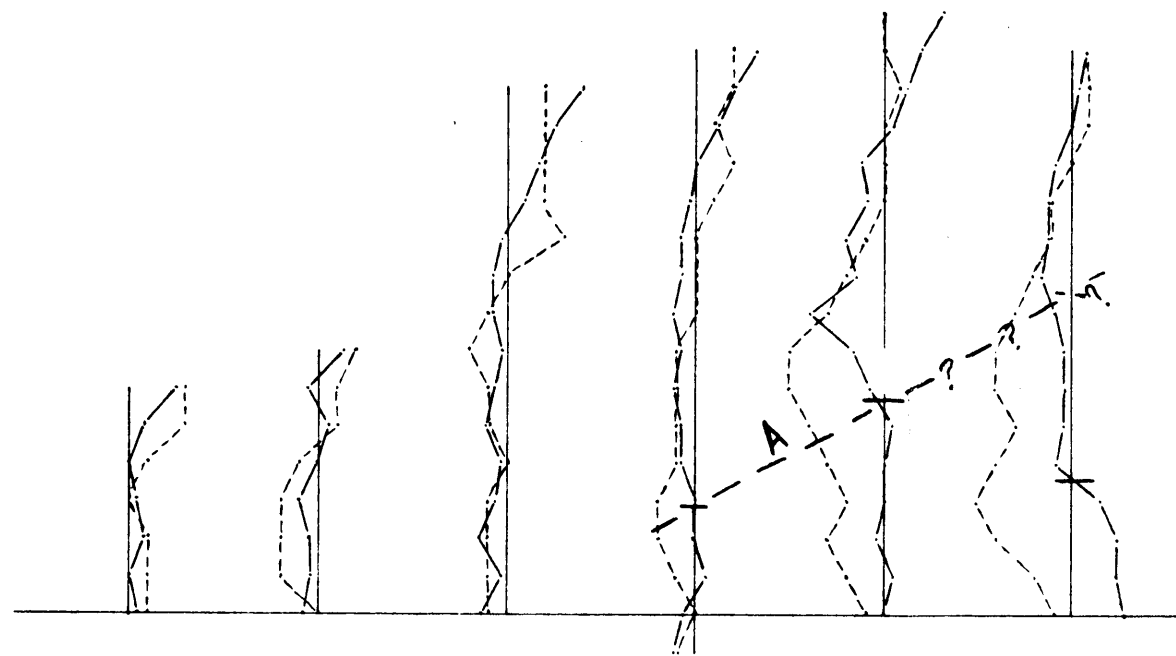
ESSO MINERALS CANADA
DIV'N. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: MCDAME
DAVIS FOLLOW-UP GRID
CONTOURED VLF DIP ANGLES
(FRASER FILTERED)
CONTOUR INTERVAL = 2

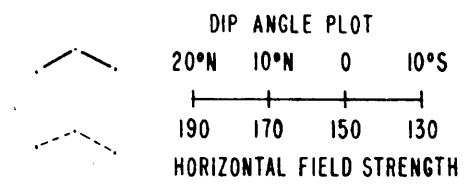
ACCOUNT # MA 50 FILE # B.C. 50 TORONTO

SCALE 0 50 100 M DATE 1/81

AUTHOR MTS DWG. #
Z. DOBORZYNSKI 104 B 42 B



- 0+00 B.L.
- 0+50 S
- 1+00 S
- 1+50 S



INSTRUMENT: PHOENIX VLF-2
TRANSMITTER: CUTLER, MAINE
FREQUENCY: 17.8 KHZ

5+00 W

4+00 W

3+00 W

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

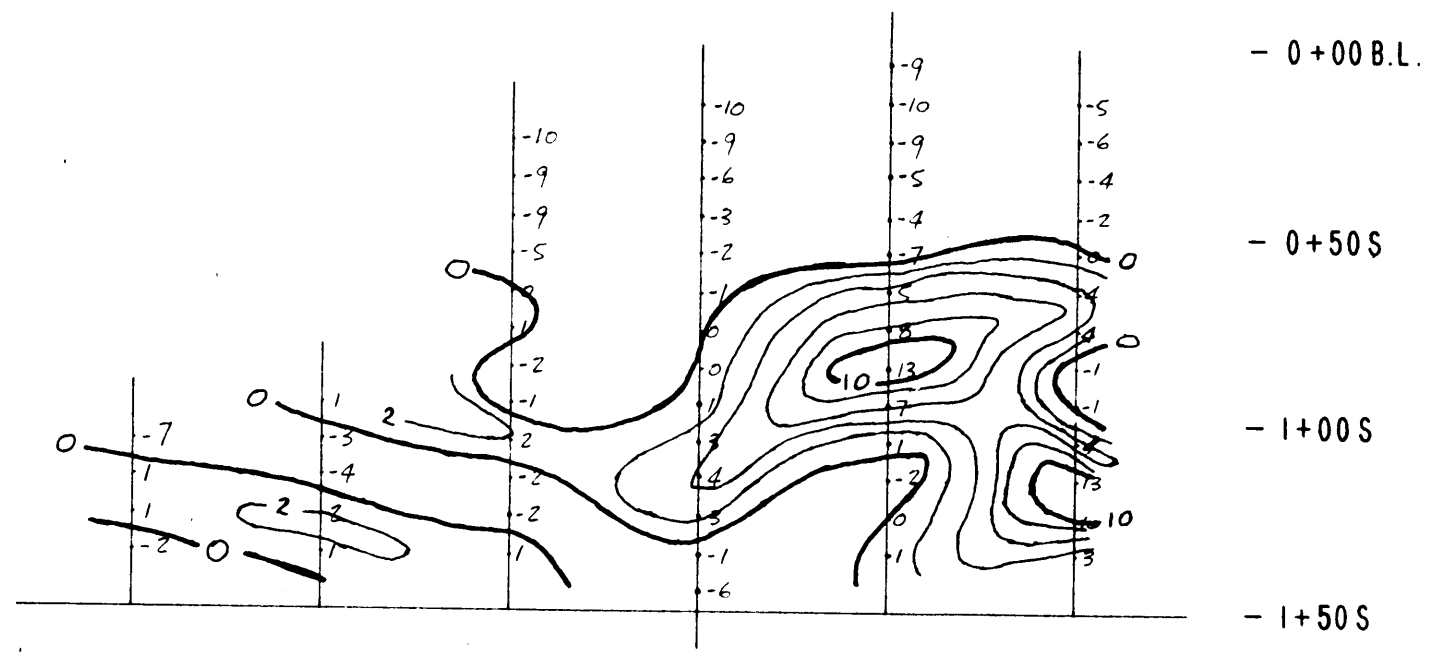
ESSO MINERALS CANADA
DIV'N. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: MCDAME
PUMPHOUSE GRID
VLF-EM SURVEY

ACCOUNT # MA 50 FILE # B.C. 50 TORONTO

SCALE 0 50 100 M DATE 1/81

AUTHOR Z. DOBORZYNSKI MTS 104B DWG. # 43 A



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO. _____

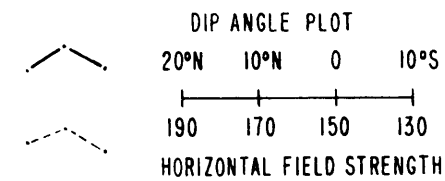
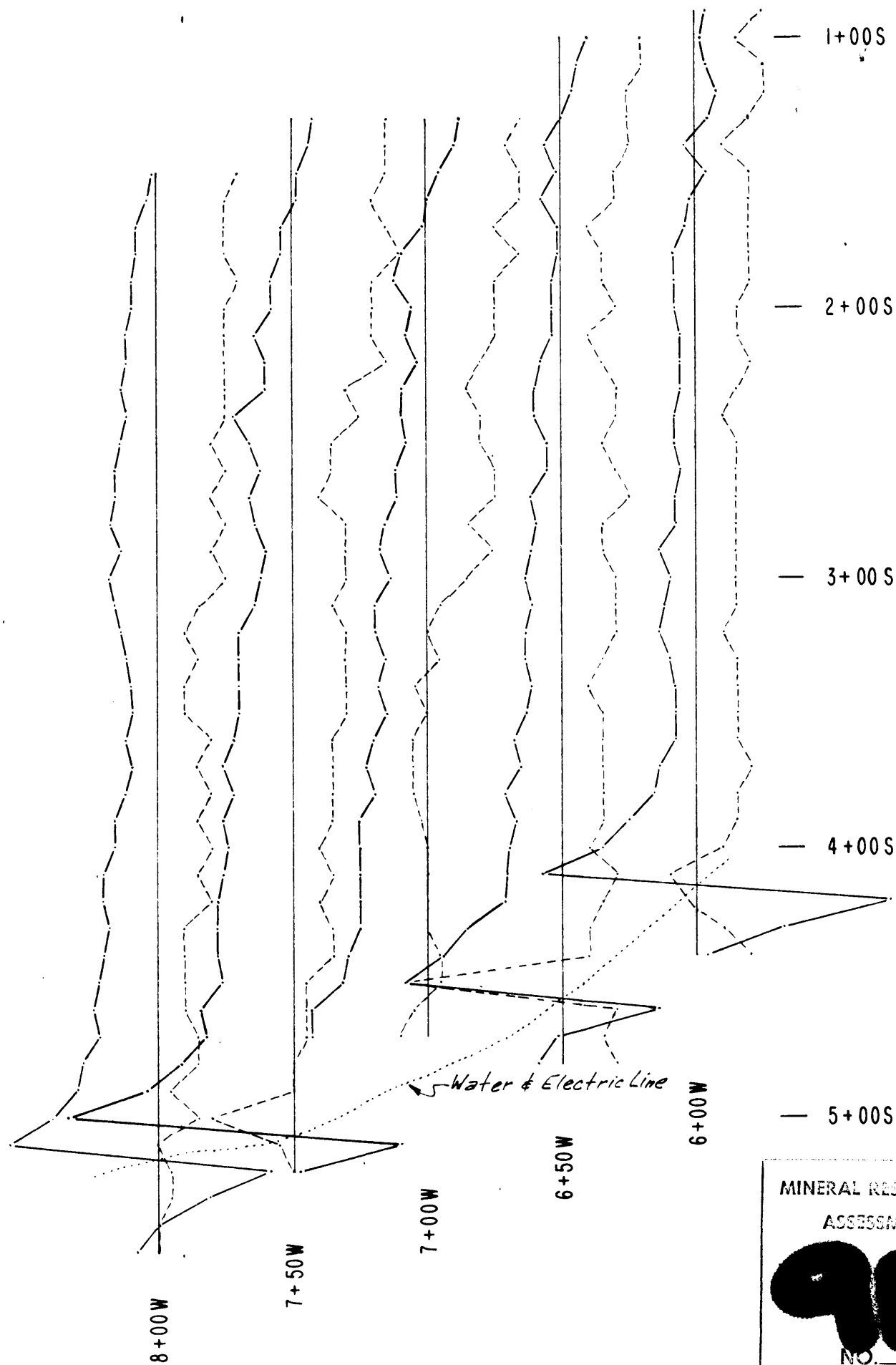
ESSO MINERALS CANADA
DIV'N. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: MCDAME
PUMPHOUSE GRID
CONTOURED VLF DIP ANGLES
(FRASER FILTERED)
CONTOUR INTERVAL = 2

ACCOUNT NO MA 50 FILE NO B.C. 50 TORONTO

SCALE 0 50 100 M DATE 1/81

AUTHOR Z. DOBORZYNSKI MTS 104 B DWG. NO 43 B



INSTRUMENT: PHOENIX VLF-2
 TRANSMITTER: CUTLER, MAINE
 FREQUENCY: 17.8 KHZ

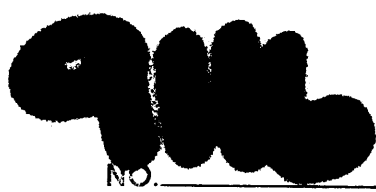
ESSO MINERALS CANADA
 DIV. OF ESSO RESOURCES CANADA LIMITED

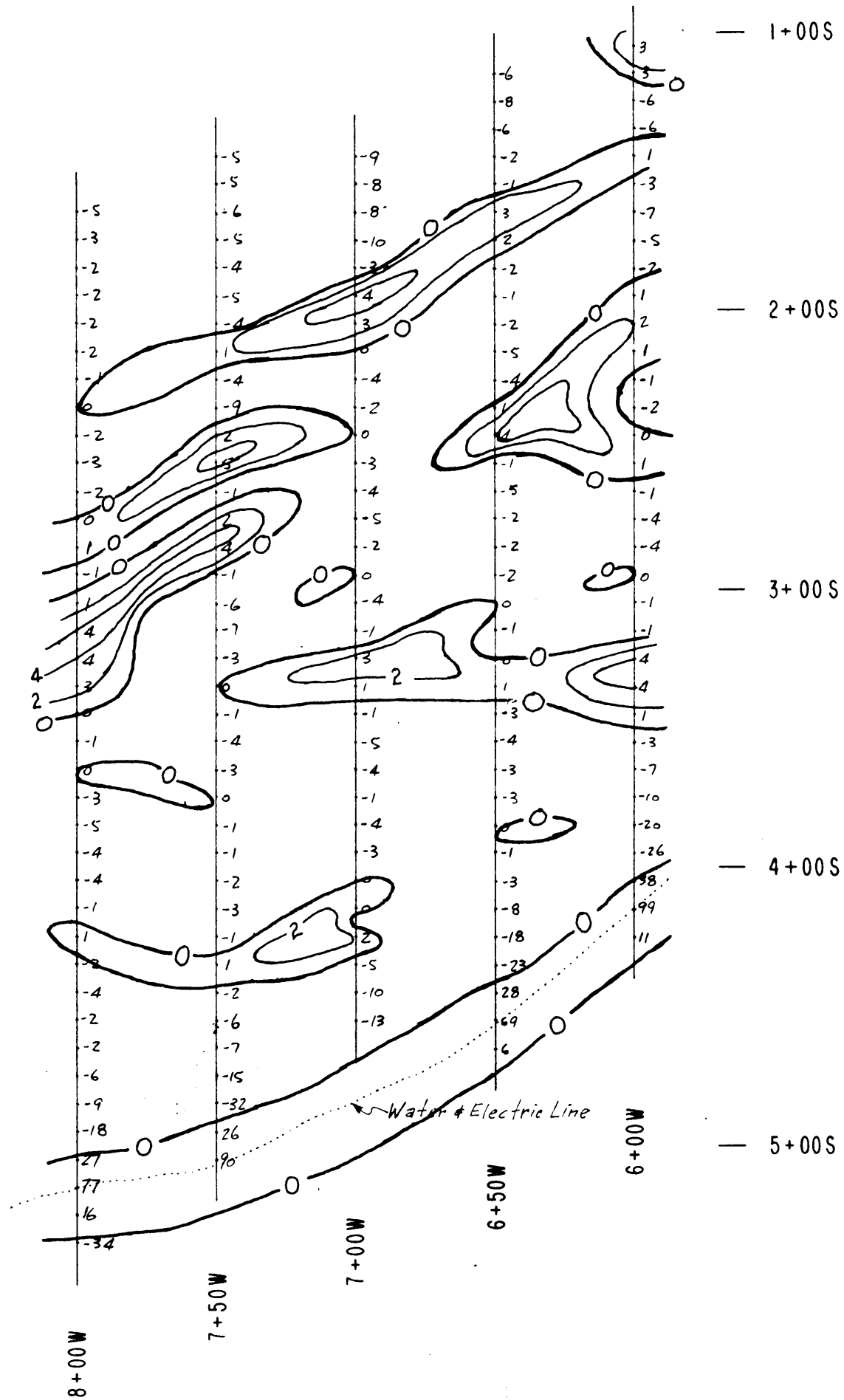
PROSPECT: MCDAME
 LAKEVIEW-GOLDHILL FOLLOW-UP GRID
 VLF-EM SURVEY

ACCOUNT # MA 50 FILE # B.C. 50 TORONTO

SCALE 0 50 100 M DATE 1/81

AUTHOR Z. DOBORZYNSKI NTS 104B DWG. NO. 44 A

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

 NO.



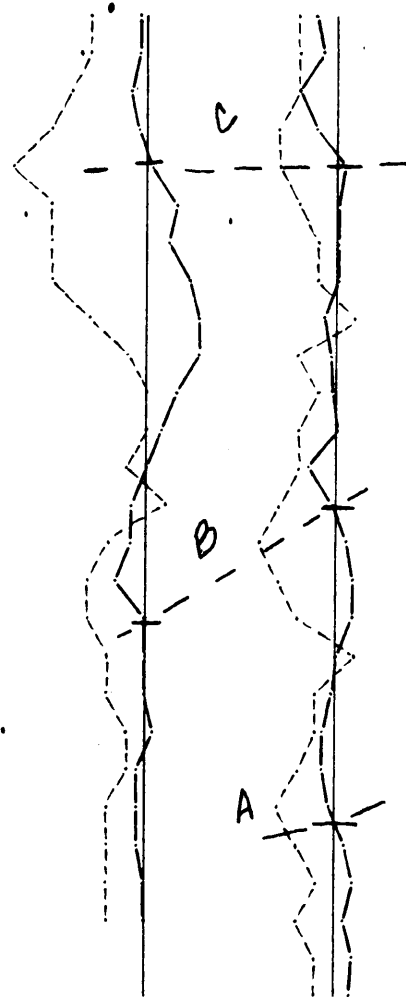
MINERAL RESOURCES
ASSESSMENT REPORT
9116
NO.

ESSO MINERALS CANADA
DIV. OF ESSO RESOURCES CANADA LIMITED

PROSPECT: MCDAME
LAKEVIEW-GOLDHILL FOLLOW-UP GRID
CONTOURED VLF DIP ANGLES
(FRASER FILTERED)
CONTOUR INTERVAL = 2

ACCOUNT # MA 50 FILE # B.C. 50 TORONTO

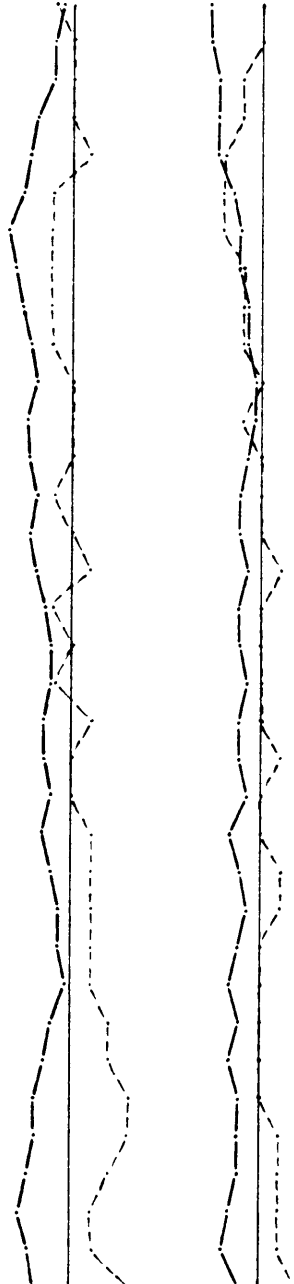
SCALE	0	50	100M	DATE	1/81
AUTHOR	Z. DOBORZYNSKI		MTS	104B	DWG. #
					44B



14+00W



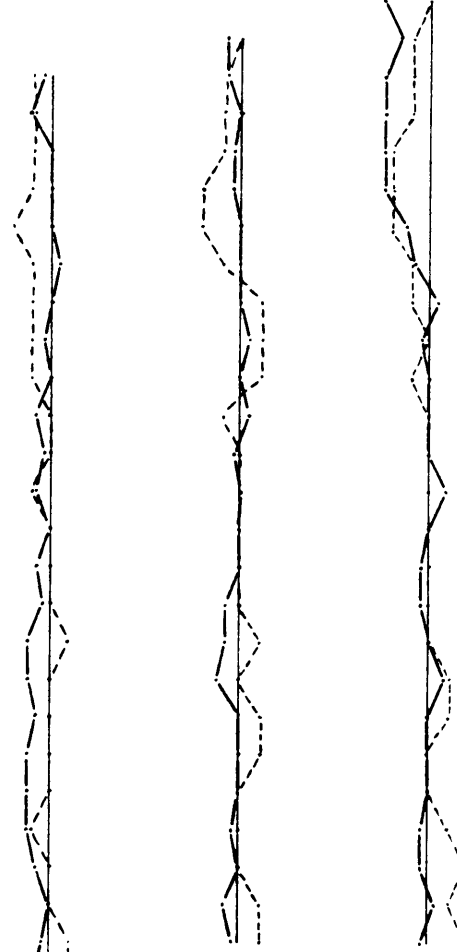
13+00W



12+00W



11+00W



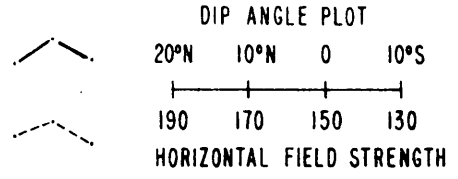
10+01

- 7+00S

- 8+00S

- 9+00S

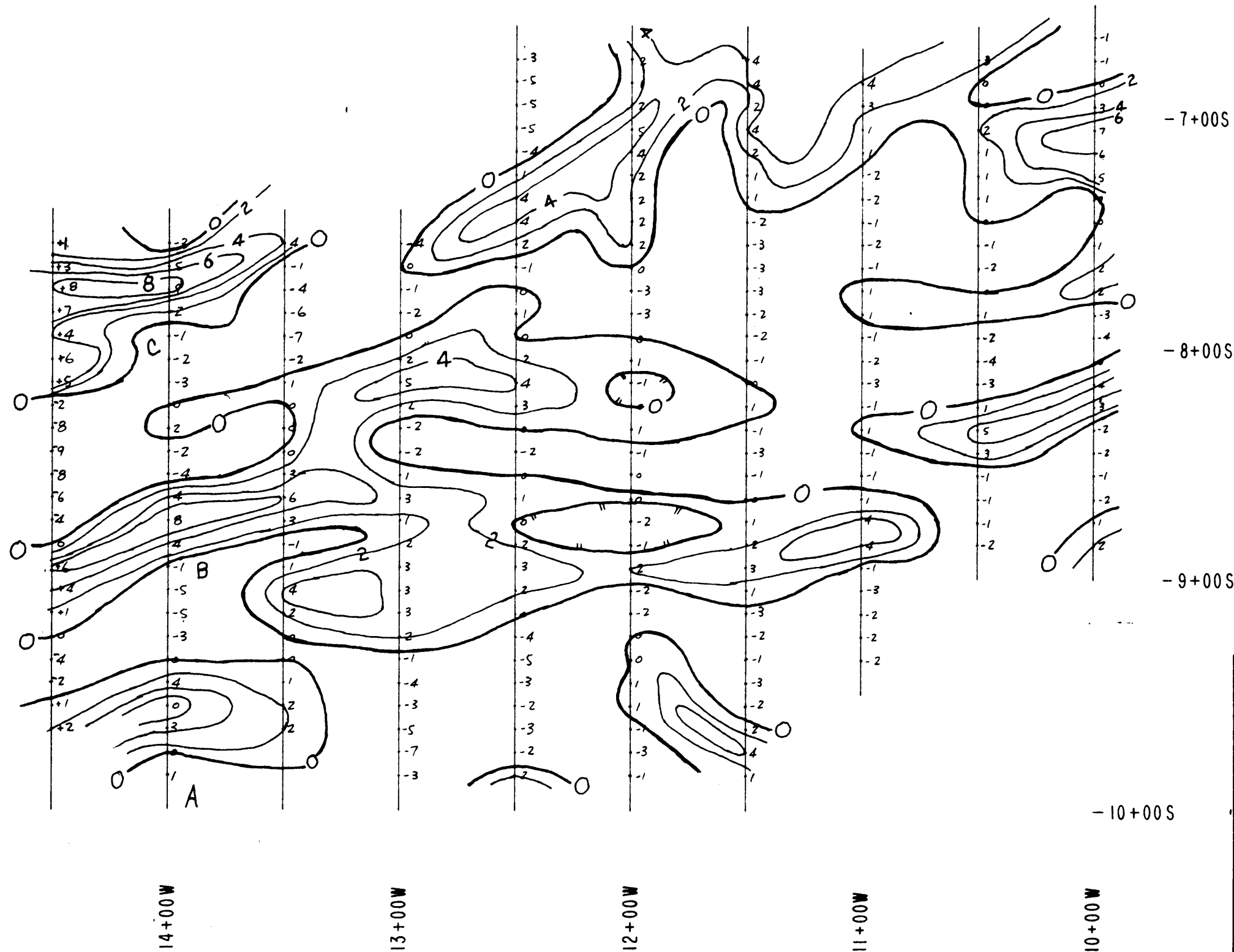
- 10+00S



INSTRUMENT: PHOENIX VLF-2
 TRANSMITTER: CUTLER, MAINE
 FREQUENCY: 17.8 KHZ

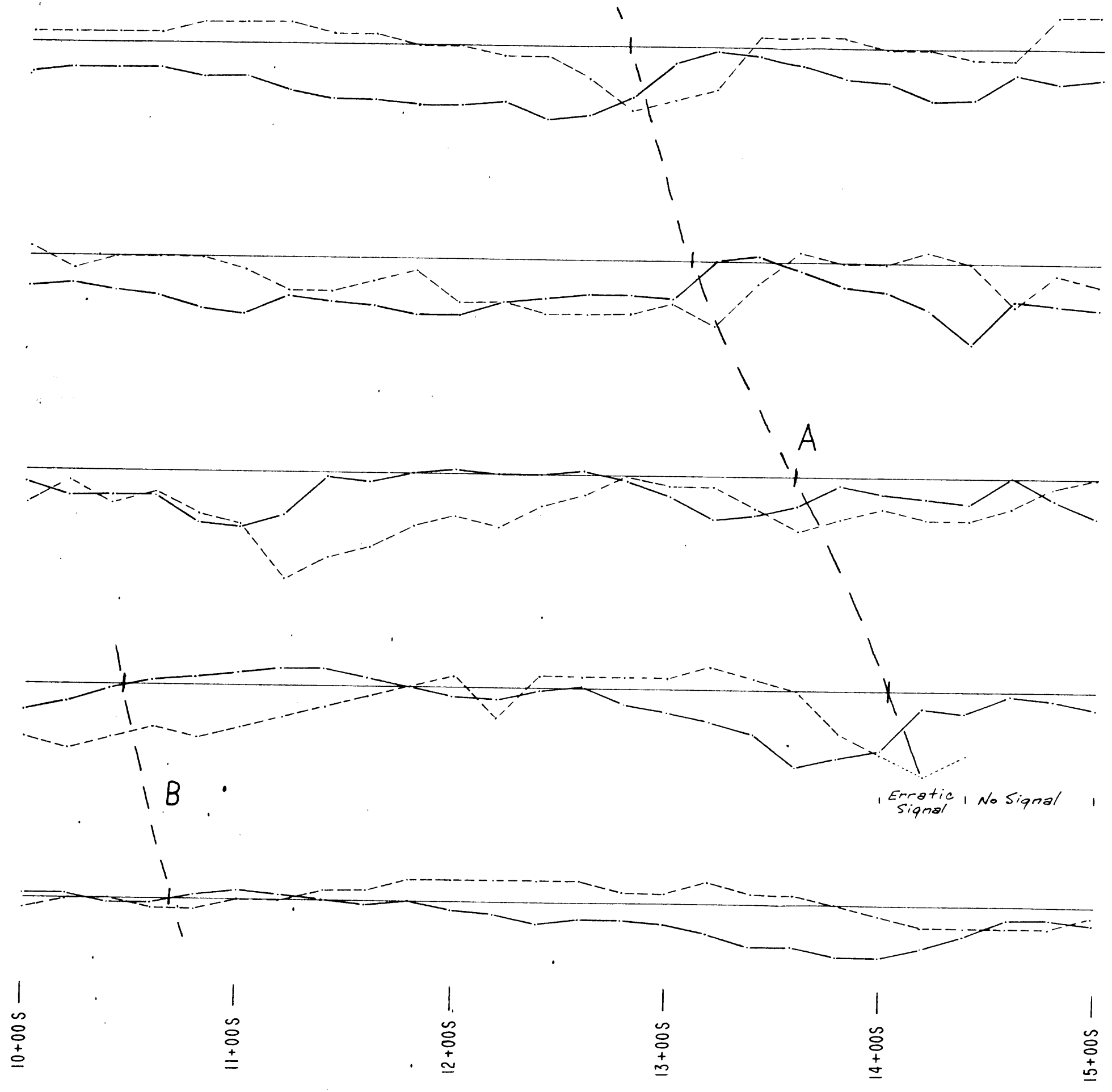
ES&O RESOURCES
 ASSESSMENT REPORT
9116
 NO. _____

ESSO MINERALS CANADA DIV'N. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: MCDAME CALLISON CK. FOLLOW-UP GRID VLF-EM SURVEY		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE	0 50 100 M	DATE 1/81
AUTHOR Z. DOBORZYNSKI	RTS 104 B	DWG. # 45 A



ASSESSMENT REPORT
9116
 NO.

ESSO MINERALS CANADA DIV'N. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT MCDAME CALLISON CK. FOLLOW-UP GRID CONTOURED VLF DIP ANGLES (FRASER FILTERED) CONTOUR INTERVAL = 2		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE	0 50 100 M	DATE 1/81
AUTHOR Z. DOBORZYNSKI	NTS 104 B	DWG. # 45 B



10+00W

11+00W

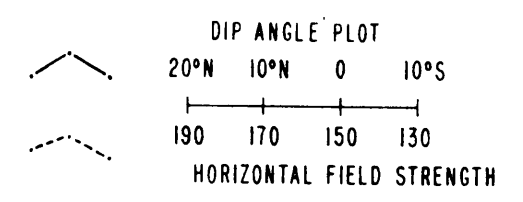
12+00W

13+00W

14+00W

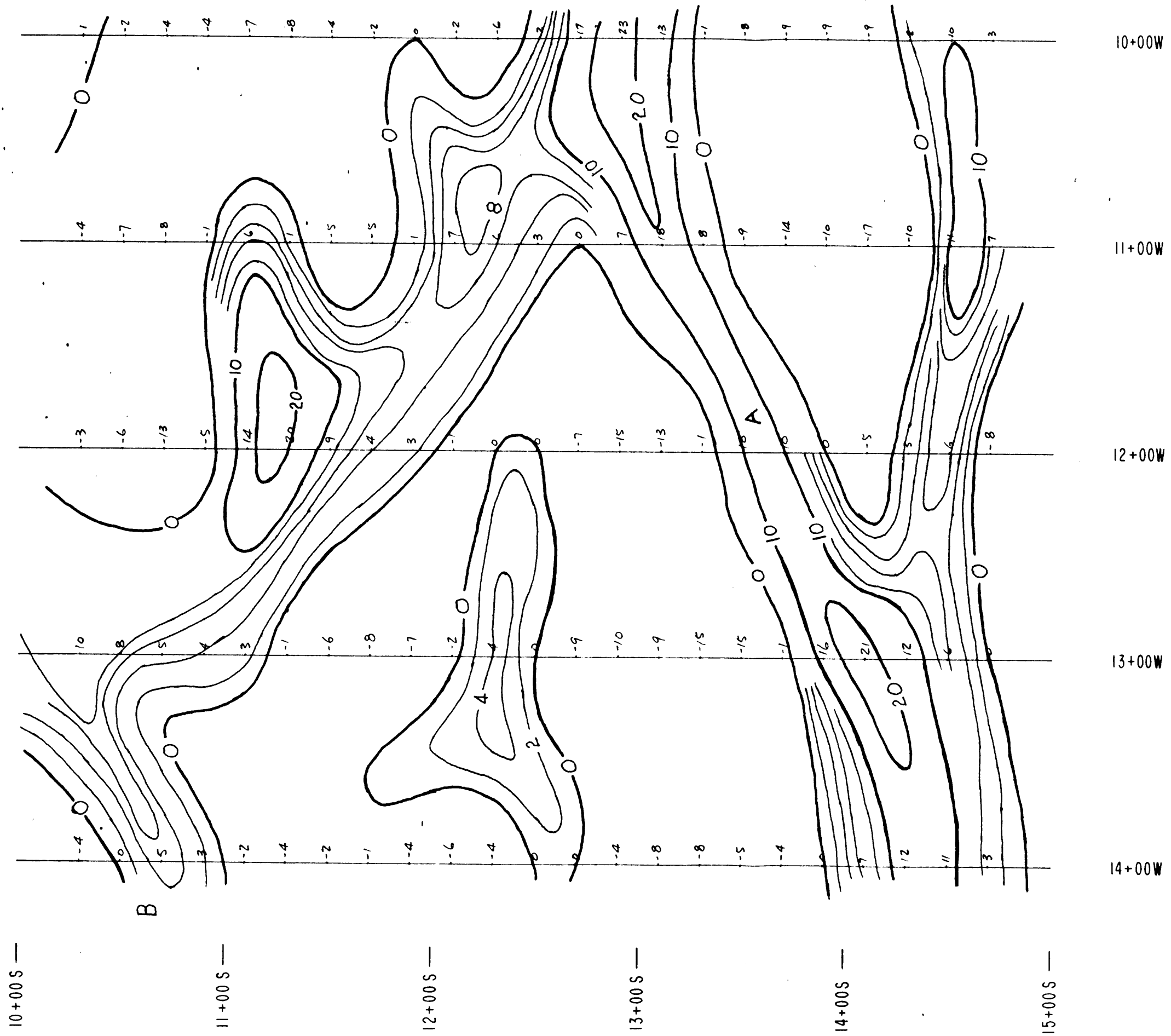
10+00S — 11+00S — 12+00S — 13+00S — 14+00S — 15+00S

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.



INSTRUMENT: PHOENIX VLF-2
TRANSMITTER: CUTLER, MAINE
FREQUENCY: 17.8 KHZ

ESSO MINERALS CANADA DIV. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: MCDAME SOUTH BRECCIA ZONE VLF-EM SURVEY		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE 0 50 100M	DATE 1/81	
AUTHOR Z. DOBORZYNSKI	NTS 104B	DWG. # 46 A



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9116
NO.

ESSO MINERALS CANADA DIV'N. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: MCDAME		
SOUTH BRECCIA ZONE		
CONTOURED VLF DIP ANGLES (FRASER FILTERED)		
CONTOUR INTERVAL = 2		
ACCOUNT # MA 50	FILE # B.C. 50	TORONTO
SCALE 0 50 100 M	DATE 1/81	
AUTHOR Z. DOBORZYNSKI	MTS 104B	DWG. # 46 B