

LOG NO: C1 23
FILE NO:

ASSESSMENT REPORT  
FOR THE  
1989 SOIL GEOCHEMISTRY  
OF THE  
RAVEN 1- 10  
MINERAL CLAIMS

OMINECA MINING DIVISION

NTS 93L/7W

LATITUDE 54 16' N

LONGITUDE 126 46' W

OWNED BY: J.W. MOLL. M.J. MOLL

WORK BY: J.W. MOLL

REPORT BY: D. J. HANSON

NOVEMBER 1989

JANUARY 1990  
(revised edition)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

19,568

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## INTRODUCTION

### i) LOCATION and ACCESS

The Raven 1 - 10 and the Crow 1 - 6 mineral claims are located on the west facing slope of Mt. Morice approximately 17 kilometres south of Houston in west central British Columbia (Figure 1). Topography in the area is moderately steep with elevations ranging from 900 to 1400 metres. Access to the property is via the Morice River Forest Service Road, then two kilometres on four wheel drive logging road (see Figure 2).

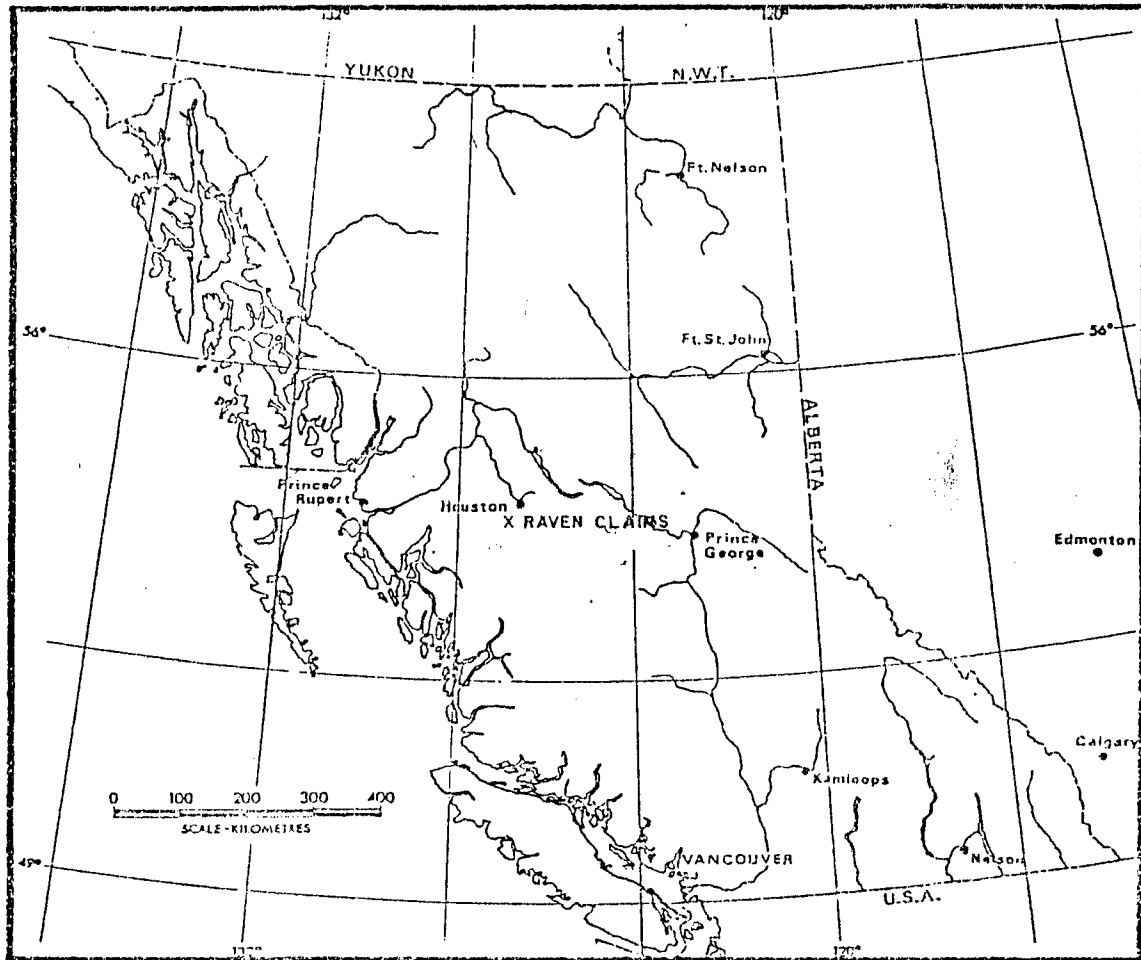


Figure 1 - Property Location Map

ii) CLAIM HISTORY AND STATUS

The claims were staked by the present owners between 1985 and 1987 to cover an area containing numerous copper showings, some of which have been known since the early 1900 s. The only previous assessment work filed on these claims was prospecting.

The property is a portion of the area worked by Amax Exploration, Inc. in 1966. Falconbridge Nickel Mines Ltd. in 1970 and by Cities Service Minerals Corp. in in 1977.

For the purpose of recording assessment, the Raven Group is defined as follows:

TABLE 1- RAVEN PROPERTY CLAIMS

CLAIM	RECORD NO.	UNITS	EXPIRY DATE*
Raven 1	7383	1	Nov. 4, 1992
Raven 2	7384	1	Nov. 4, 1992
Raven 3	7385	1	Nov. 4, 1992
Raven 4	7386	1	Nov. 4, 1992
Raven 5	7452	1	Jan. 3, 1993
Raven 6	7453	1	Jan. 3, 1993
Raven 7	8824	1	Sept. 4, 1992
Raven 8	8825	1	Sept. 4, 1992
Raven 9	8826	1	Sept. 4, 1992
Raven 10	8827	1	Sept. 4, 1992
Crow 1	8376	1	May 8, 1993
Crow 2	8377	1	May 8, 1993
Crow 3	8378	1	May 8, 1993
Crow 4	8379	1	May 8, 1993
Crow 5	8530	1	July 6, 1993
Crow 6	8531	1	July 6, 1992

\* pending acceptance of this report

The Raven 1 -10 and the Crow 1 - 6 claims are wholly owned by J.W. Moll and M.J. Moll both of Houston, B.C. and are not subject to any vendor agreements.

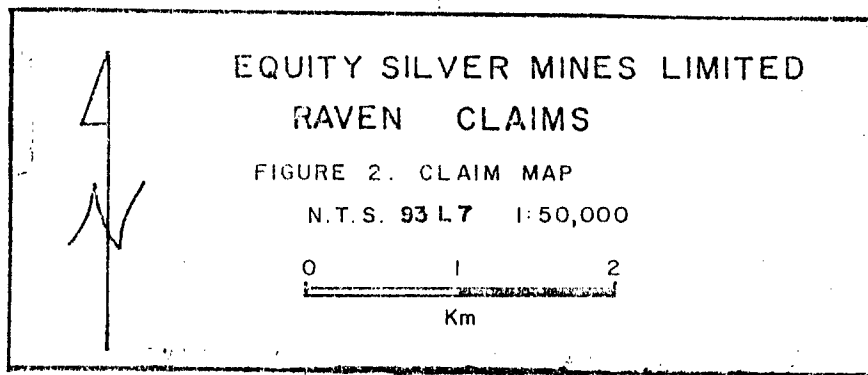
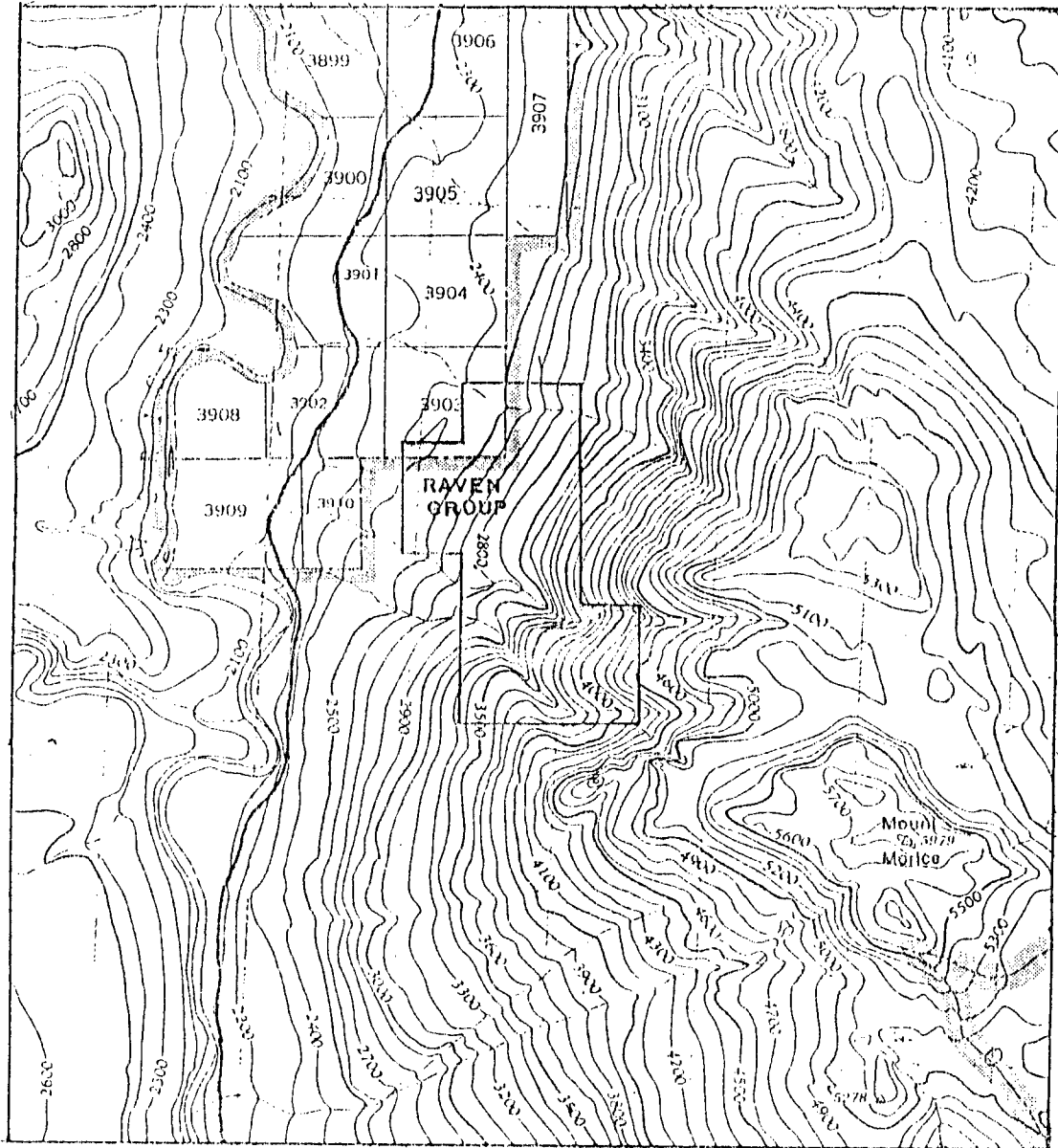


Figure 2 - Claim Location Map

iii) PURPOSE

The purpose of the systematic soil survey described in this report was to define zones of anomalous soil geochemistry for more intensive exploration.

iv) SUMMARY

A total of 321 soil samples were collected and analyzed for Ag, As, Cu, Pb, Zn, Au, and Sb. Five small areas of weakly to moderately anomalous values were identified by the survey. All of the anomalies contained significant Cu values +/- Ag, Pb, Zn, and Au values. Statistical analyses of the data was used to determine the threshold anomalous values.

Field work was performed between July 25 and August 9, 1989 at a total cost of \$8,319.50 (see Table 2).



## SOIL SAMPLING PROCEDURE

Soil samples were collected from the reddish brown "B" soil horizon ( where available ) at a depth of 10-30 cm using a mattock. 321 samples were collected on east-west grid lines at 25 m sample intervals. Lines were generally run at 200 metre intervals from a north-south baseline using a compass and hip-chain for control. Sample locations were marked with flagging tape and labelled with respect to their grid position.

Notes were kept for each sample including sample location, horizon sampled, depth of sample, soil composition, color, ground slope, slope direction, and sample location drainage. Samples were placed in brown Kraft envelopes and were sent to Placer Dome Inc. Research Centre in Vancouver for preparation and analysis (see Appendix I for analytical procedure).

## RESULTS and DISCUSSION

### i) GEOLOGY

According to B.N. Church, 1970, the strata on the west side of Morice Mountain consists of a thick section of early Mesozoic dacitic tuff breccias, lahar deposits, and a few intercalated rhyolite flows that have been intruded by a small quartz porphyry stock and a few rhyolite dykes.

### ii) SOIL GEOCHEMISTRY

Soil sample locations and geochemistry results are plotted on figures 3 - 10 (in map pocket at back). Statistical analyses of the soil data can be found in Appendix II and include histograms, probability plots, and a correlation matrix.

Using a combination of the values from the histograms (95th percentile and the mean + 2 standard deviations) and probability plots the following threshold anomalous values were determined from the data:

Ag	As	Cu	Pb	Sb	Zn
1.0	10	20	12	4.0	440

These values are considered to be higher than average, but were found to be sufficient for determining anomalous zones in this region.

Small discontinuous anomalies were found for Ag, As, Au, Cu, Pb, and Zn. Sb was found to have generally low values, but occasional spot highs do exist.

Five geochemically anomalous zones were revealed by the values exceeding the threshold levels. Anomaly 1 (figure 3) consists of high Ag - Cu - Pb values and may be related to a

previously hand-trenched showing in the immediate area. This is the largest of the 5 anomalies, being detected over two soil lines that are 100 metres apart. Widespread down-slope dispersion of Cu has spread the anomalous values over a large area.

Anomaly 2 (figure 3) contains high Cu values and low Ag values. The likely source of this anomaly is a small showing that contains spotty Cu mineralization in fractures and veins. This anomaly also has strong down-slope dispersion of Cu.

Anomaly 3 (figure 3) is most likely related to an area of skarn mineralization and alteration. The anomaly consists of moderate Ag - Zn - Cu - Pb values that are concentric around the skarn outcrop. Although the values of this anomaly are reasonably high the area it covers is quite small.

A small area of strong Cu values with weaker Ag and Pb values defines anomaly 4 (figure 3). No outcrops have been located in this area, but it is believed that the most probable source of this anomaly is related to the Cu enrichment of the underlying bedrock. There has been strong down-slope dispersion of Ag.

Anomaly 5 (figure 3) is located on the northern boundary of this property and contains high Cu values with moderate Au and Zn values. As with anomaly 4, there is no outcrop in the area so the probable source for this anomaly is the underlying bedrock.

## INTERPRETATION and RECOMMENDATION

Three of the five anomalies identified (1, 2 & 3) through the soil geochemistry are thought to be related to showings that are situated close to the anomalies. Down-slope dispersion of mainly Cu has made these anomalies appear to be much larger than what the showings indicate they should be. The other two anomalies (4 & 5) are thought to be caused by enrichment of the underlying bedrock.

It appears that the anomalies 1, 3, 4, & 5 roughly line-up in a north-south direction. This could possibly indicate spotty mineralization along some sort of a linear structure that is striking north-south.

More detailed soil surveys, geological mapping, sampling of outcrops, and trenching are recommended to locate and further evaluate the mineralized zones on this property.

TABLE 2  
STATEMENT of EXPENDITURES

1. Soil Geochemical Analyses for Cu, Pb, Zn, Ag, Au, Sb, As 321 samples @ \$16.50 each	5296.50
2. Labour	
J.W. Moll, sampling July 25, 26, 28, 29, 30, 31 Aug. 1, 9 8 days @ \$120.00/ day	960.00
M.J. Moll, sampling July 25, 26, 28, 29 4 days @ \$120.00/ day	480.00
T. Moll, sampling July 30, 31 Aug. 1, 9 4 days @ \$120.00/ day	480.00
3. Vehicle Rental and Fuel 8 days @ \$35.00/ day	280.00
4. Report Preparation	500.00
	-----
TOTAL	\$8,319.50

### AUTHOR'S QUALIFICATIONS

I, Daryl J. Hanson, do hereby certify that:

1. I am a geologist residing at R.R.#1, Quick East Road, Telkwa, British Columbia, V0J 2X0.
2. I am a 1971 graduate of the University of British Columbia, Vancouver, B. C. with a Bachelor of Applied Science degree in Geological Engineering.
3. I was employed as a geologist in mining, exploration, and development capacities with Cyprus Anvil Mining Corporation in Faro, Yukon from September 1973 to April 1981.
4. Between May 1982 and October 1987, I was employed as a contract exploration geologist in northwestern British Columbia, principally with Equity Silver Mines Limited.
5. Since February 1988, I have been employed as an exploration geologist with Equity Silver Mines Limited.
6. I am a Fellow of the Geological Association of Canada.
7. I personally supervised the work programme as described in this report.

Respectfully submitted,  
Equity Silver Mines Ltd.

Daryl J. Hanson  
Exploration Geologist

APPENDIX I

PLACER DOME RESEARCH CENTRE

SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

i) SAMPLE PREPARATION

- samples are hot air dried at 50 degrees centigrade
- minus 80 mesh fraction is sieved out for analysis

ii) ANALYTICAL PROCEDURE

- Cu, Pb, Zn, Ag : 0.5 g of sieved material dissolved in HClO<sub>4</sub> / HNO<sub>3</sub> for four hours and analyzed by atomic absorption
- Au : 10.0 g of sieved material dissolved in aqua regia for three hours and analyzed by atomic absorption
- As : 0.5 g of sieved material dissolved in aqua regia for three hours and analyzed by DC plasma
- Sb : 0.5 g of sieved material dissolved in HCl / HNO<sub>3</sub> for three hours and analyzed by DC plasma



APPENDIX II  
SOIL SAMPLE GEOCHEMISTRY  
HISTOGRAMS AND PROBABILITY PLOTS

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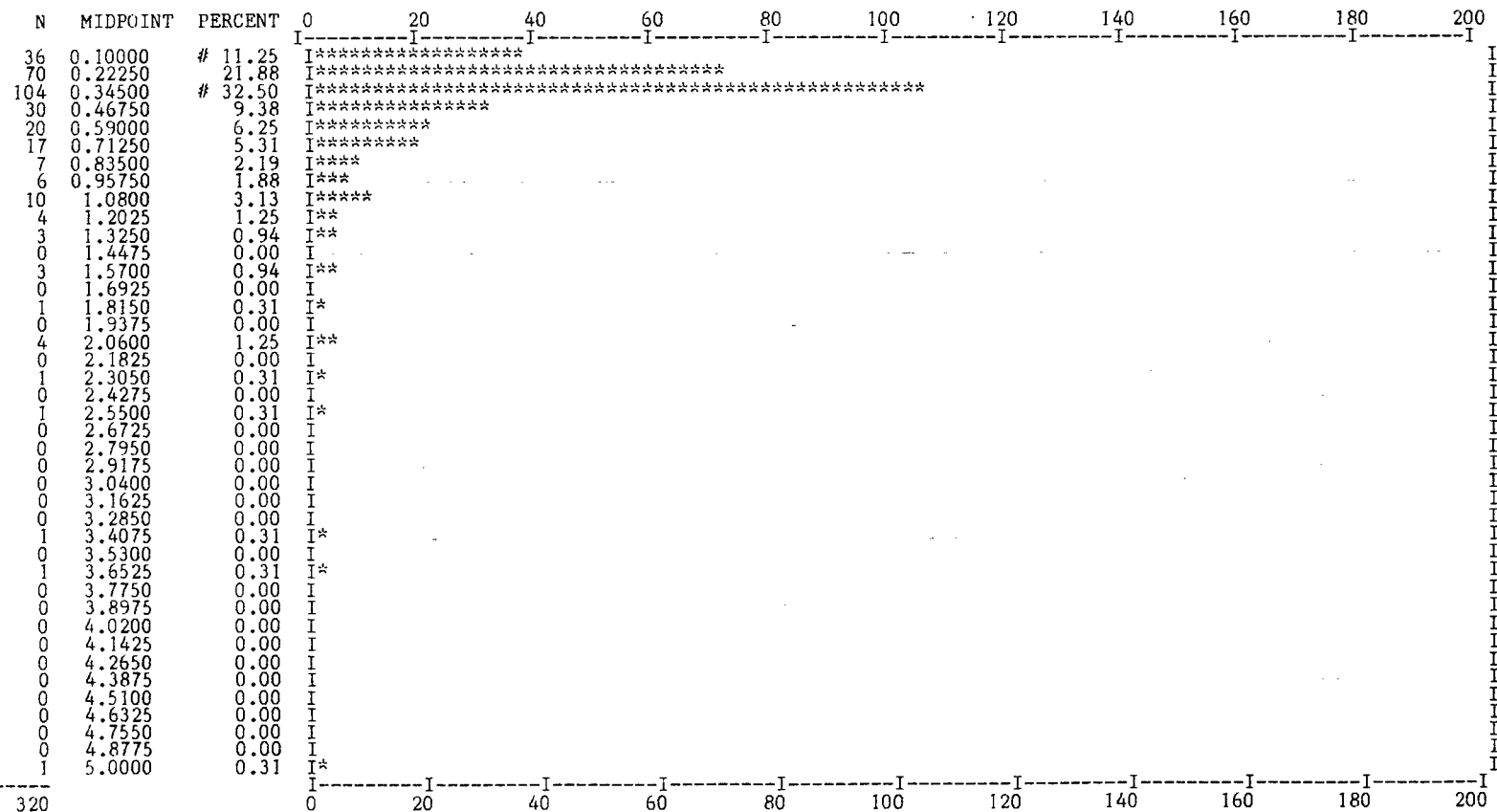
File: morice.89soil Field name: AG LOG = 0 REPVAL = 0.00100

321 SAMPLES WITH AG MINIMUM: 0.100000 MAXIMUM: 6.00000

320 VALUES PLOTTED: 1 NOT IN RANGE 0.100000 to 5.00000

MEAN: 0.487188 STD. DEV.: 0.521744 Median 0.400000

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%



320

HISTO:

EQUITY REC MORICE MT

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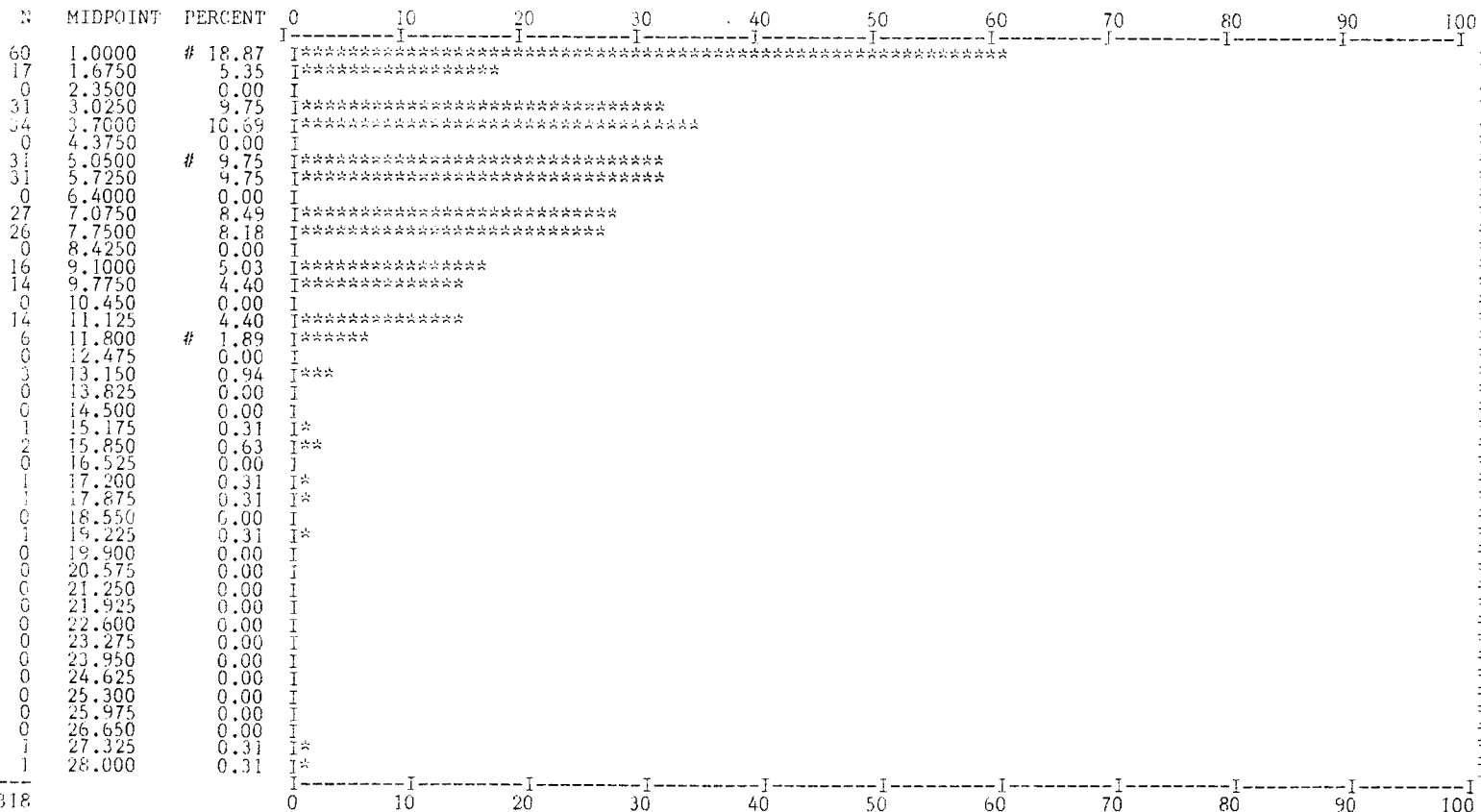
File: morice.89soil Field name: AS LOG = 0 REPVAL = 0.00100

321 SAMPLES WITH AS MINIMUM: 1.00000 MAXIMUM: 44.0000

318 VALUES PLOTTED: 3 NOT IN RANGE 1.00000 to 28.0000

MEAN: 5.55346 STD. DEV.: 3.97412 Median 5.00000

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

EQUITY REG MORICE MT

RUN ON 90:01:10 AT 9:23:33

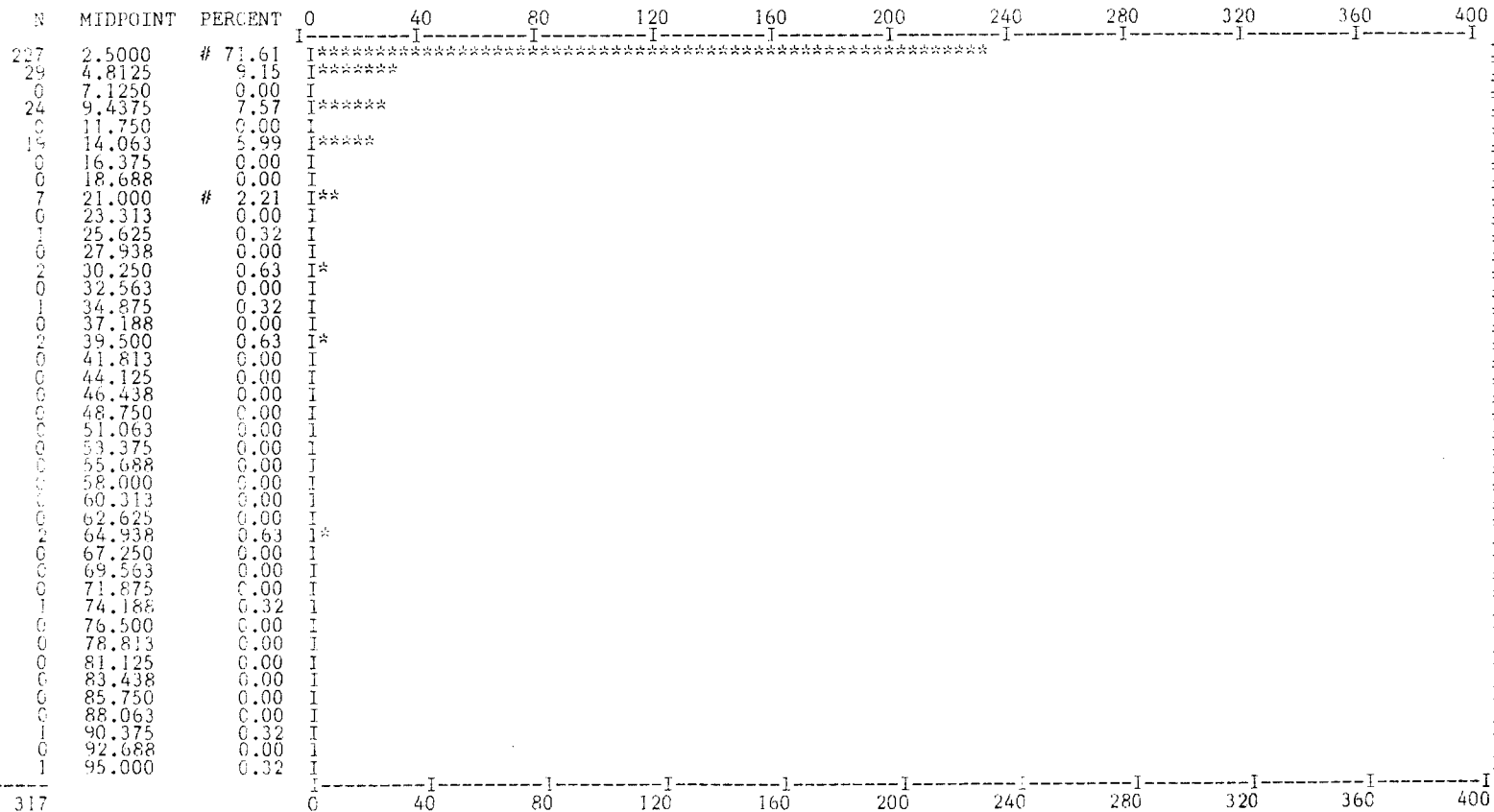
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320 SAMPLES WITH AU MINIMUM: 2.50000 MAXIMUM: 235.000

317 VALUES PLOTTED: 3 NOT IN RANGE 2.50000 to 95.0000

MEAN: 6.20662 STD. DEV.: 10.8874 Median 2.50000

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

EQUITY REG MORICE MT

RUN ON 90:01:10 AT 9:23:33

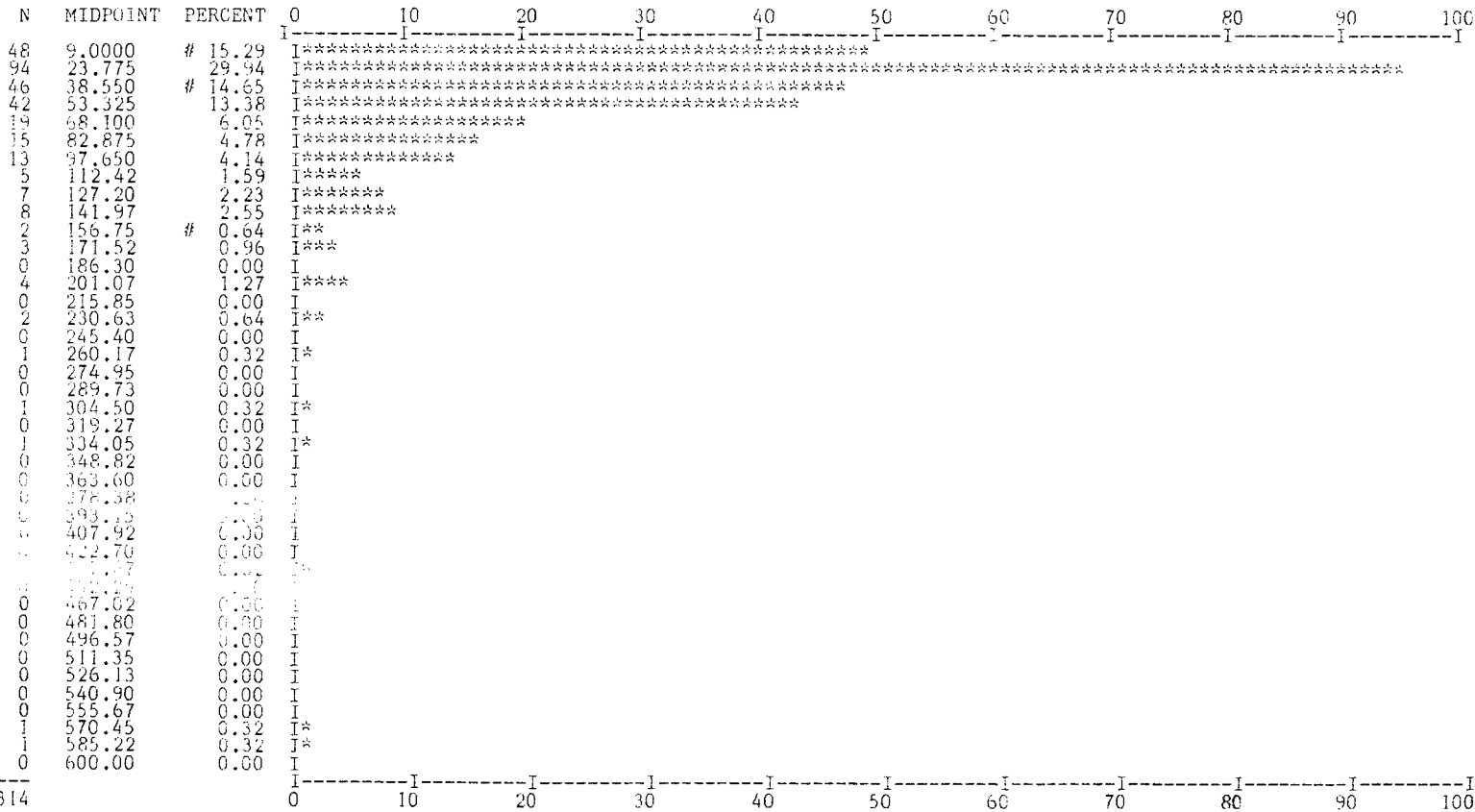
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321 SAMPLES WITH CU MINIMUM: 9.00000 MAXIMUM: 3500.00

314 VALUES PLOTTED: 7 NOT IN RANGE 9.00000 to 600.000

MEAN: 50.7707 STD. DEV.: 67.7001 Median 36.0000

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HISTO:

EQUITY REG MORICE MT

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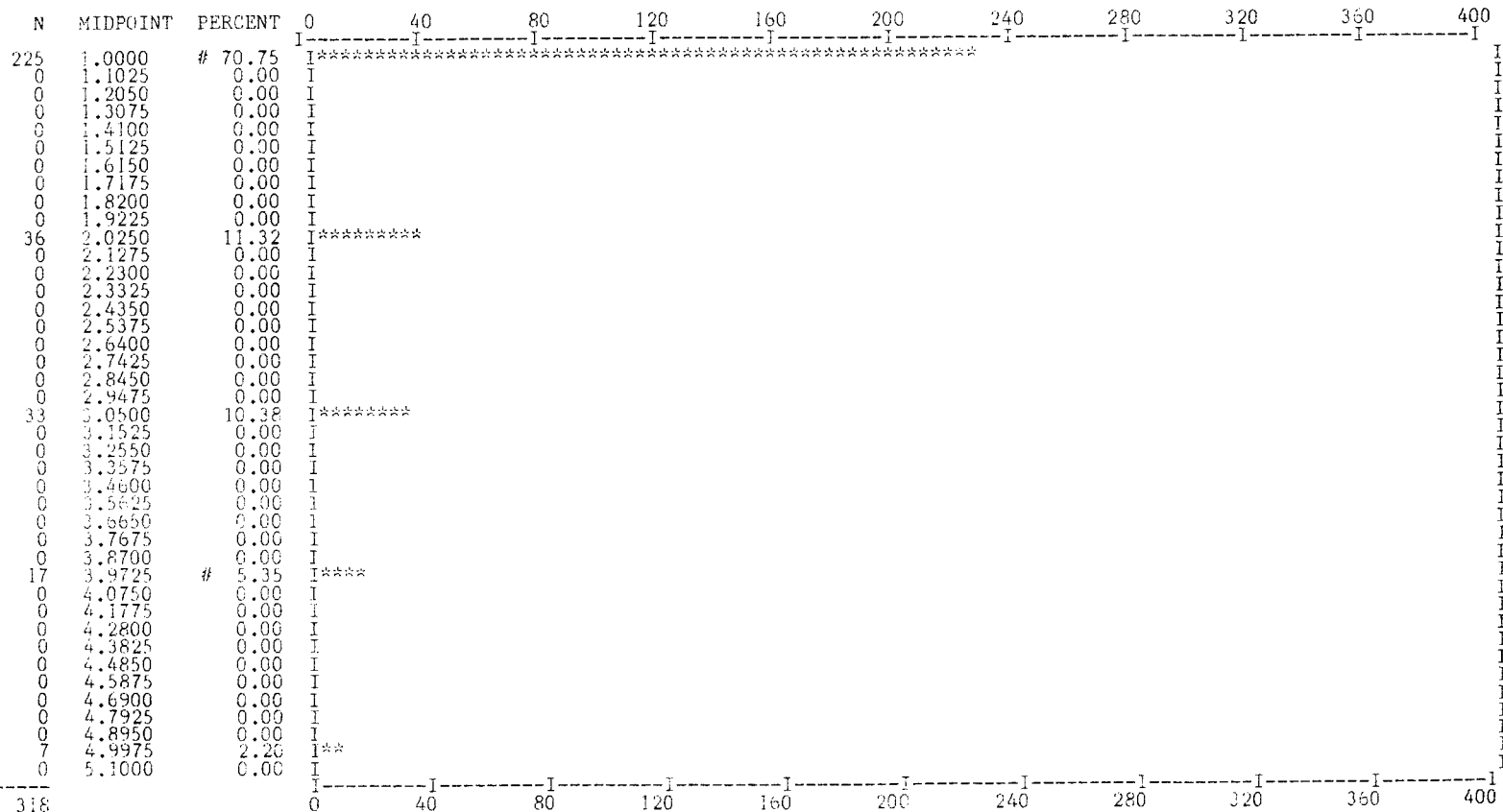
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318 VALUES PLOTTED: 3 NOT IN RANGE 1.00000 to 5.10000

MEAN: 1.56918 STD. DEV.: 1.02026 Median 1.00000

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

EQUITY REG MORICE M

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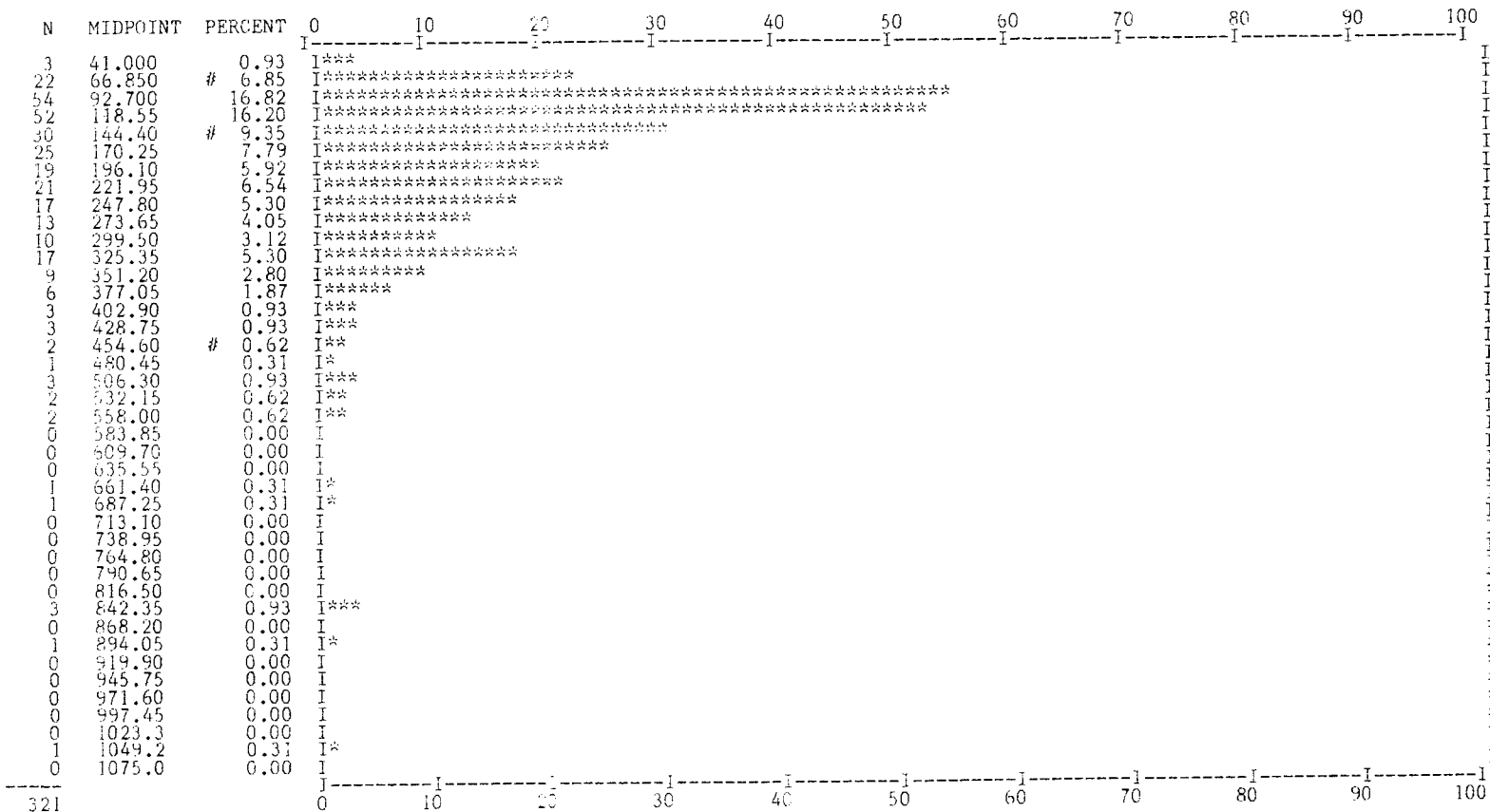
File: morice.89soil Field name: ZN LOG = 0 REPVAL = 0.00100

321 SAMPLES WITH ZN MINIMUM: 41.0000 MAXIMUM: 1050.00

321 VALUES PLOTTED: 0 NOT IN RANGE 41.0000 to 1075.00

MEAN: 202.424 STD. DEV.: 142.312 Median 157.000

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%





PRBPLT:

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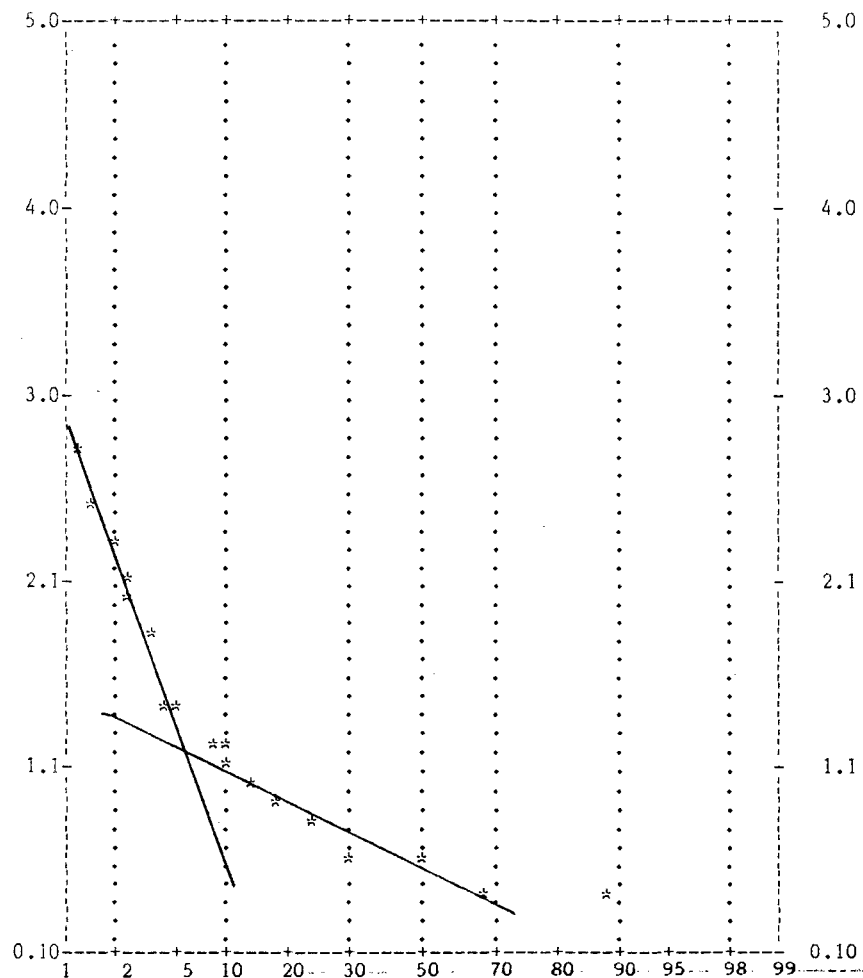
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CLASSIFICATION TABLE

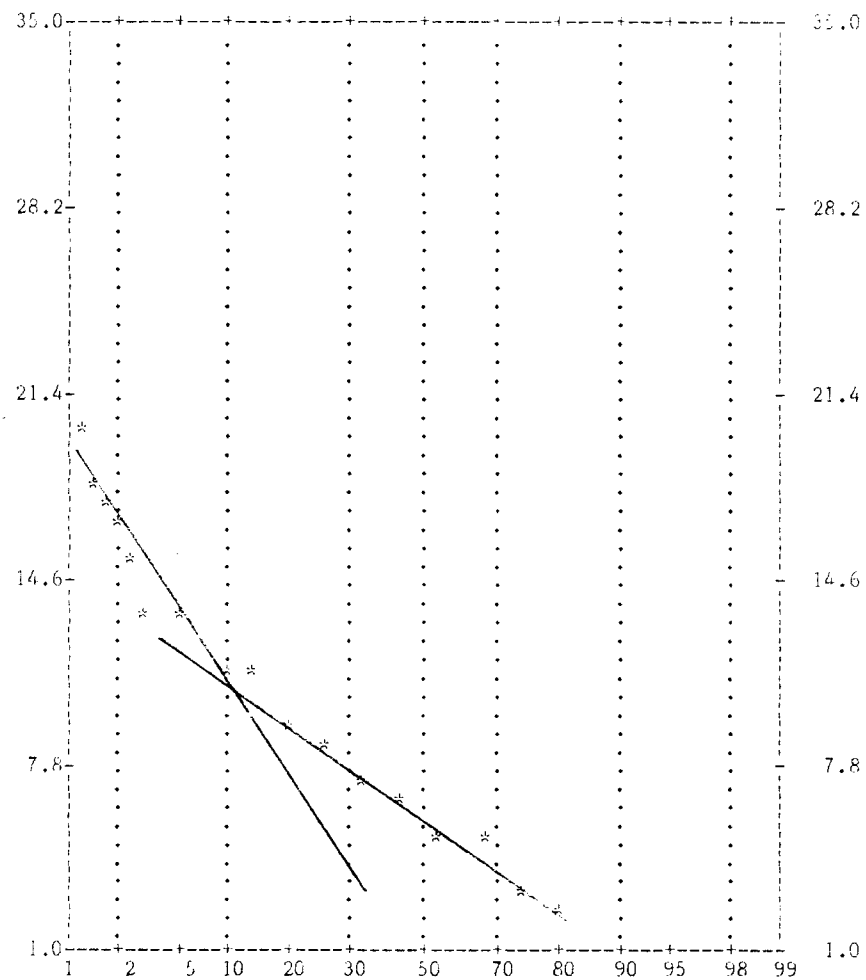
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4.8040	0	0.000	0.003
4.7060	0	0.000	0.003
4.6080	0	0.000	0.003
4.5100	0	0.000	0.003
4.4120	0	0.000	0.003
4.3140	0	0.000	0.003
4.2160	0	0.000	0.003
4.1180	0	0.000	0.003
4.0200	0	0.000	0.003
3.9220	0	0.000	0.003
3.8240	0	0.000	0.003
3.7260	1	0.003	0.006
3.6280	0	0.000	0.006
3.5300	0	0.000	0.006
3.4320	1	0.003	0.009
3.3340	0	0.000	0.009
3.2360	0	0.000	0.009
3.1380	0	0.000	0.009
3.0400	0	0.000	0.009
2.9420	0	0.000	0.009
2.8440	0	0.000	0.009
2.7460	0	0.000	0.009
2.6480	1	0.003	0.013
2.5500	0	0.000	0.013
2.4520	0	0.000	0.013
2.3540	1	0.003	0.016
2.2560	0	0.000	0.016
2.1580	3	0.009	0.025
2.0600	1	0.003	0.028
1.9620	0	0.000	0.028
1.8640	1	0.003	0.031
1.7660	0	0.000	0.031
1.6680	3	0.009	0.041
1.5700	0	0.000	0.041
1.4720	0	0.000	0.041
1.3740	3	0.009	0.050
1.2760	4	0.013	0.063
1.1780	10	0.031	0.094
1.0800	5	0.016	0.109
0.98200	1	0.003	0.113
0.88400	7	0.022	0.134
0.78600	17	0.053	0.188
0.68800	20	0.063	0.250
0.59000	30	0.094	0.344
0.49200	51	0.159	0.503
0.39400	53	0.166	0.669
0.29600	70	0.219	0.887
0.19800	36	0.112	1.000
0.10000	0	0.000	1.000



CUMULATIVE FREQUENCY (PROBABILITY SCALE)

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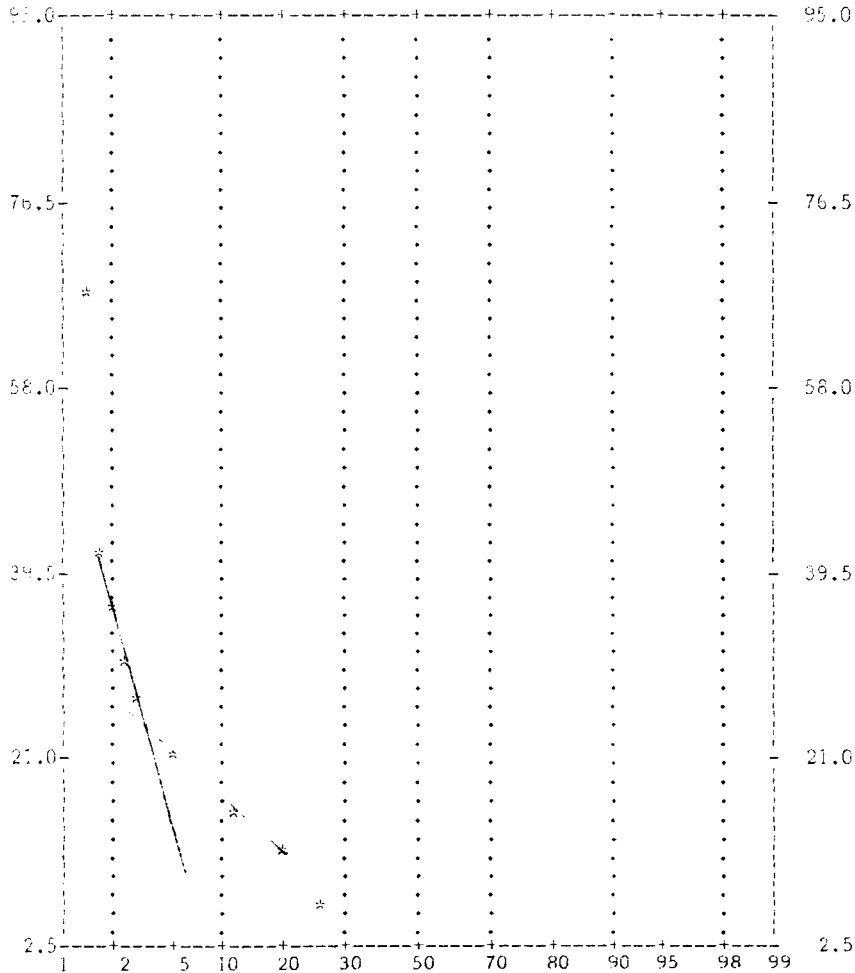
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32.960	0	0.000	0.000
32.280	1	0.003	0.003
31.600	0	0.000	0.003
30.920	0	0.000	0.003
30.240	0	0.000	0.003
29.560	0	0.000	0.003
28.880	0	0.000	0.003
28.200	1	0.003	0.006
27.520	1	0.003	0.009
26.840	0	0.000	0.009
26.160	0	0.000	0.009
25.480	0	0.000	0.009
24.800	0	0.000	0.009
24.120	0	0.000	0.009
23.440	0	0.000	0.009
22.760	0	0.000	0.009
22.080	0	0.000	0.009
21.400	0	0.000	0.009
20.720	0	0.000	0.009
20.040	0	0.000	0.009
19.360	1	0.003	0.013
18.680	0	0.000	0.013
18.000	1	0.003	0.016
17.320	1	0.003	0.019
16.640	2	0.006	0.025
15.960	0	0.000	0.025
15.280	1	0.003	0.028
14.600	0	0.000	0.028
13.920	0	0.000	0.028
13.240	3	0.009	0.038
12.560	6	0.019	0.056
11.880	0	0.000	0.056
11.200	14	0.044	0.100
10.520	14	0.044	0.144
9.8400	0	0.000	0.144
9.1600	16	0.050	0.194
8.4800	26	0.082	0.276
7.8000	0	0.000	0.276
7.1200	27	0.085	0.361
6.4400	31	0.097	0.458
5.7600	0	0.000	0.458
5.0800	31	0.097	0.555
4.4000	34	0.107	0.661
3.7200	0	0.000	0.661
3.0400	31	0.097	0.759
2.3600	17	0.053	0.812
1.6800	60	0.188	1.000
1.0000	0	0.000	1.000

CUMULATIVE FREQUENCY (PROBABILITY SCALE)

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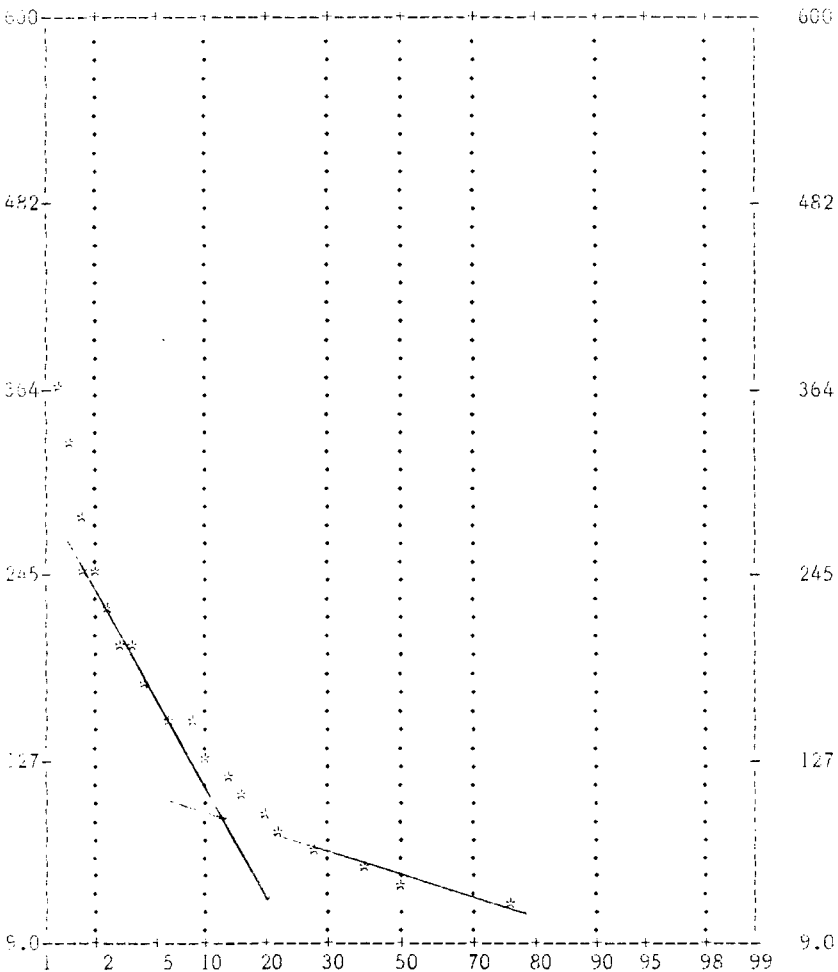
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91.300	1	0.003	0.006
89.450	0	0.000	0.006
87.600	0	0.000	0.006
85.750	0	0.000	0.006
83.900	0	0.000	0.006
82.050	0	0.000	0.006
80.200	0	0.000	0.006
78.350	0	0.000	0.006
76.500	1	0.003	0.009
74.650	0	0.000	0.009
72.800	0	0.000	0.009
70.950	0	0.000	0.009
69.100	0	0.000	0.009
67.250	0	0.000	0.009
65.400	2	0.006	0.016
63.550	0	0.000	0.016
61.700	0	0.000	0.016
59.850	0	0.000	0.016
58.000	0	0.000	0.016
56.150	0	0.000	0.016
54.300	0	0.000	0.016
52.450	0	0.000	0.016
50.600	0	0.000	0.016
48.750	0	0.000	0.016
46.900	0	0.000	0.016
45.050	0	0.000	0.016
43.200	0	0.000	0.016
41.350	2	0.006	0.022
39.500	0	0.000	0.022
37.650	0	0.000	0.022
35.800	1	0.003	0.025
33.950	0	0.000	0.025
32.100	0	0.000	0.025
30.250	2	0.006	0.032
28.400	0	0.000	0.032
26.550	1	0.003	0.035
24.700	0	0.000	0.035
22.850	0	0.000	0.035
21.000	7	0.022	0.057
19.150	0	0.000	0.057
17.300	0	0.000	0.057
15.450	19	0.060	0.117
13.600	0	0.000	0.117
11.750	24	0.076	0.192
9.9000	0	0.000	0.192
8.0500	0	0.000	0.192
6.2000	29	0.092	0.284
4.3500	227	0.716	1.000
2.5000	0	0.000	1.000

CUMULATIVE FREQUENCY (PROBABILITY SCALE)

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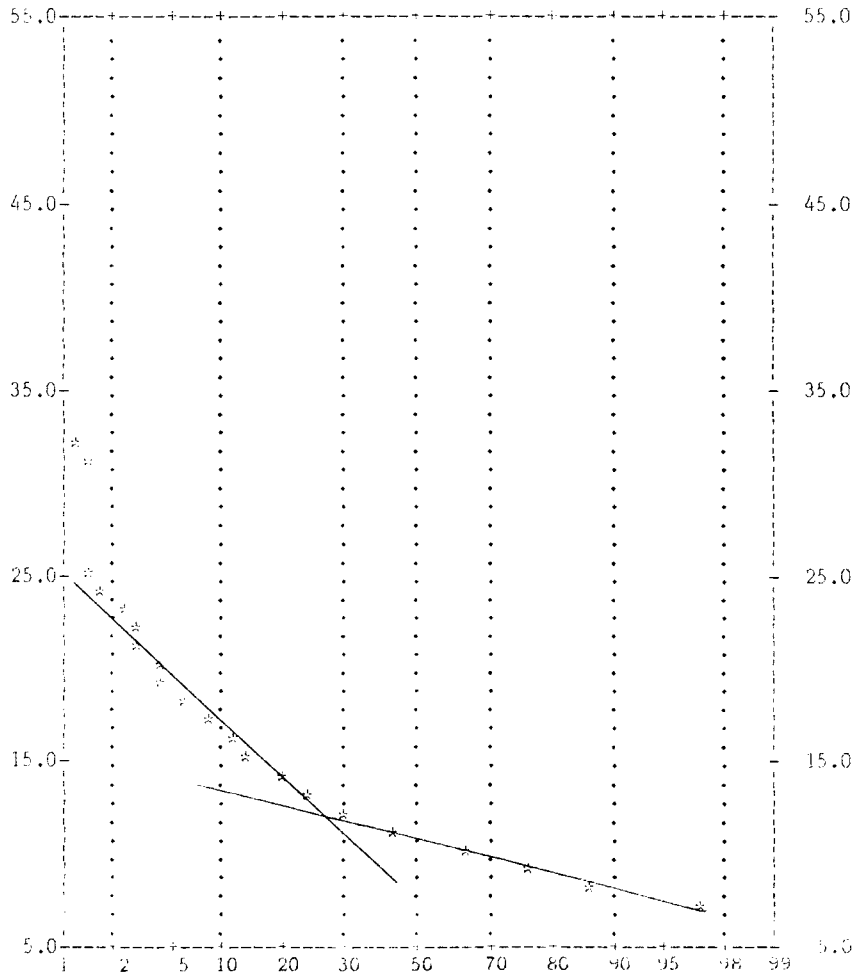
CLASSIFICATION TABLE

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576.36	1	0.003	0.006
564.54	0	0.000	0.006
552.72	0	0.000	0.006
540.90	0	0.000	0.006
529.08	0	0.000	0.006
517.26	0	0.000	0.006
505.44	0	0.000	0.006
493.62	0	0.000	0.006
481.80	0	0.000	0.006
469.98	0	0.000	0.006
458.16	0	0.000	0.006
446.34	1	0.003	0.010
434.52	0	0.000	0.010
422.70	0	0.000	0.010
410.88	0	0.000	0.010
399.06	0	0.000	0.010
387.24	0	0.000	0.010
375.42	0	0.000	0.010
363.60	0	0.000	0.010
351.78	1	0.003	0.013
339.96	0	0.000	0.013
328.14	0	0.000	0.013
316.32	1	0.003	0.016
304.50	0	0.000	0.016
292.68	0	0.000	0.016
280.86	0	0.000	0.016
269.04	1	0.003	0.019
257.22	0	0.000	0.019
245.40	1	0.003	0.022
233.58	1	0.003	0.026
221.76	0	0.000	0.026
209.94	2	0.006	0.032
198.12	2	0.006	0.038
186.30	1	0.003	0.041
174.48	2	0.006	0.048
162.66	2	0.006	0.054
150.84	5	0.016	0.070
139.02	6	0.019	0.089
127.20	4	0.013	0.102
115.38	10	0.032	0.134
103.56	7	0.022	0.156
91.740	14	0.045	0.201
79.920	9	0.029	0.229
68.100	25	0.080	0.309
56.280	33	0.105	0.414
44.460	37	0.118	0.532
32.640	73	0.232	0.764
20.820	74	0.236	1.000
9.0000	0	0.000	1.000

CUMULATIVE FREQUENCY (PROBABILITY SCALE)

PREPLT: EQUITY PEG MORICE MT RUN ON 89:12:20 AT 13:19:56  
 file: morice.tot Field name: PB LOG =0 REPVAL = 0.00100

MIN = 5.0000 MAX = 810.00 MEAN = 11.366 STD DEV = 5.1808  
 NUMBER OF DATA PLOTTED = 320 ( 0 NULLS 0 < YMIN 1 > YMAX)



CLASSIFICATION TABLE

Max Val	Nval	Freq	Cum Freq
55.000	1	0.003	0.003
54.000	0	0.000	0.003
53.000	0	0.000	0.003
52.000	0	0.000	0.003
51.000	0	0.000	0.003
50.000	1	0.003	0.006
49.000	0	0.000	0.006
48.000	0	0.000	0.006
47.000	0	0.000	0.006
46.000	0	0.000	0.006
45.000	0	0.000	0.006
44.000	0	0.000	0.006
43.000	0	0.000	0.006
42.000	0	0.000	0.006
41.000	0	0.000	0.006
40.000	0	0.000	0.006
39.000	0	0.000	0.006
38.000	0	0.000	0.006
37.000	0	0.000	0.006
36.000	0	0.000	0.006
35.000	0	0.000	0.006
34.000	1	0.003	0.009
33.000	0	0.000	0.009
32.000	1	0.003	0.013
31.000	1	0.003	0.016
30.000	0	0.000	0.016
29.000	0	0.000	0.016
28.000	0	0.000	0.016
27.000	0	0.000	0.016
26.000	0	0.000	0.016
25.000	1	0.003	0.019
24.000	1	0.003	0.022
23.000	3	0.009	0.031
22.000	1	0.003	0.034
21.000	1	0.003	0.038
20.000	3	0.009	0.047
19.000	1	0.003	0.050
18.000	7	0.022	0.072
17.000	8	0.025	0.097
16.000	9	0.028	0.125
15.000	7	0.022	0.147
14.000	15	0.047	0.194
13.000	14	0.044	0.237
12.000	29	0.091	0.328
11.000	35	0.109	0.438
10.000	61	0.191	0.628
9.0000	45	0.141	0.769
8.0000	36	0.112	0.881
7.0000	29	0.091	0.972
6.0000	9	0.028	1.000
5.0000	0	0.000	1.000

RELATIVE FREQUENCY (PROBABILITY SCALE)

Page 11

Page 11 RSC MORNING MT

RUN ON 89:12:20 AT 13:17:05

0.000000

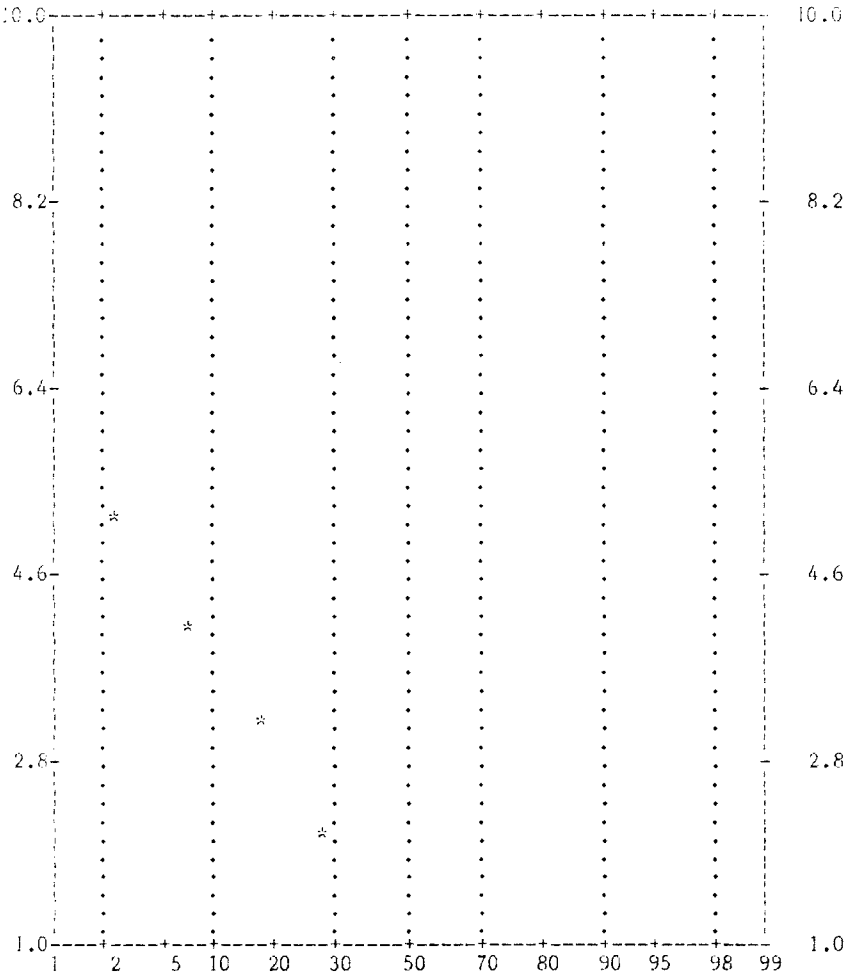
0.000000

0.000000

0.00100

MIN = 1.0000 MAX = 10.0000  
 NUMBER OF DATA PLOTTED = 321 ( 0 NULLS 0 EMIA 0 MAP)

CLASSIFICATION TABLE

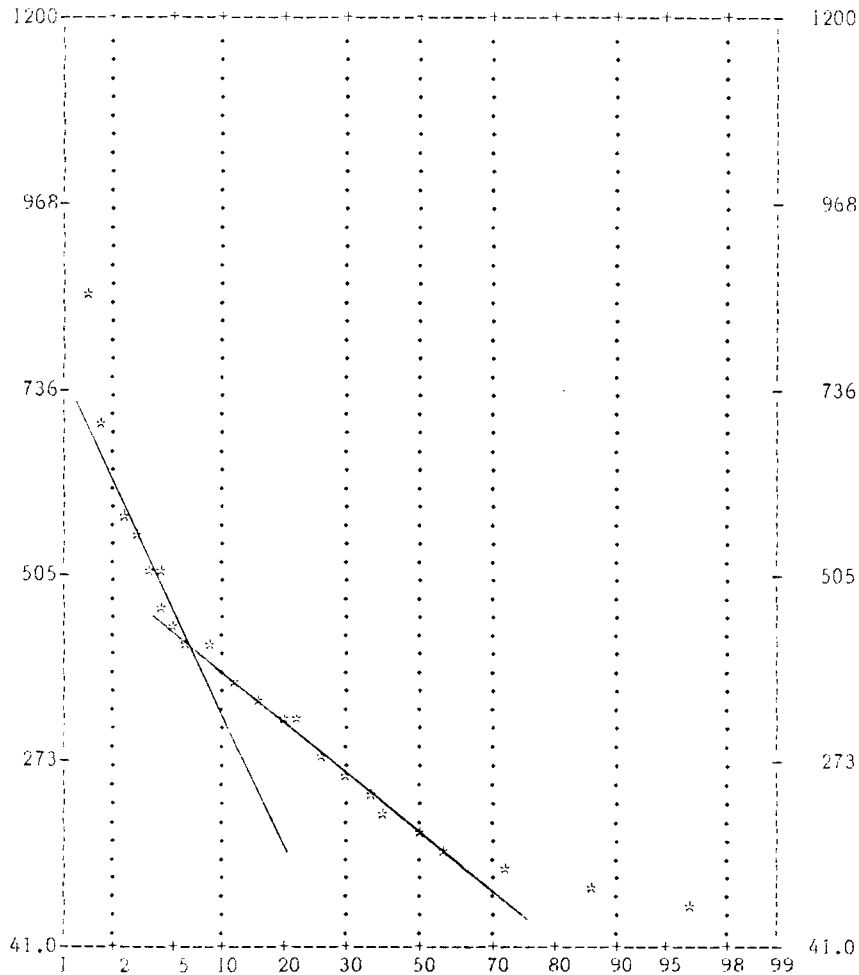


Value	Count	Rel. Freq	Emp. Freq
10.0000	0	0.000	0.000
9.8200	0	0.000	0.000
9.6400	0	0.000	0.000
9.4600	0	0.000	0.000
9.2800	0	0.000	0.000
9.1000	0	0.000	0.000
8.9200	0	0.000	0.000
8.7400	0	0.000	0.000
8.5600	0	0.000	0.000
8.3800	0	0.000	0.000
8.2000	0	0.000	0.000
8.0200	1	0.003	0.003
7.8400	0	0.000	0.003
7.6600	0	0.000	0.003
7.4800	0	0.000	0.003
7.3000	0	0.000	0.003
7.1200	1	0.003	0.006
6.9400	0	0.000	0.006
6.7600	0	0.000	0.006
6.5800	0	0.000	0.006
6.4000	0	0.000	0.006
6.2200	0	0.000	0.006
6.0400	1	0.003	0.009
5.8600	0	0.000	0.009
5.6800	0	0.000	0.009
5.5000	0	0.000	0.009
5.3200	0	0.000	0.009
5.1400	7	0.022	0.031
4.9600	0	0.000	0.031
4.7800	0	0.000	0.031
4.6000	0	0.000	0.031
4.4200	0	0.000	0.031
4.2400	0	0.000	0.031
4.0600	17	0.053	0.084
3.8800	0	0.000	0.084
3.7000	0	0.000	0.084
3.5200	0	0.000	0.084
3.3400	0	0.000	0.084
3.1600	33	0.103	0.187
2.9800	0	0.000	0.187
2.8000	0	0.000	0.187
2.6200	0	0.000	0.187
2.4400	0	0.000	0.187
2.2600	0	0.000	0.187
2.0800	36	0.112	0.299
1.9000	0	0.000	0.299
1.7200	0	0.000	0.299
1.5400	0	0.000	0.299
1.3600	0	0.000	0.299
1.1800	225	0.701	1.000
1.0000	0	0.000	1.000

CUMULATIVE FREQUENCY (PROBABILITY SCALE)

PREPLT: EQUITY REG MORTICE MT RUN ON 89:12:20 AT 13:19:56  
 file: morice.tot Field name: ZN LOG =0 REPVAL = 0.00100

MIN = 41.000 MAX = 1050.0 MFAN = 202.42 STD DEV = 142.31  
 NUMBER OF DATA PLOTTED = 321 ( 0 NULLS 0 < YMIN 0 > YMAX)



CLASSIFICATION TABLE

Max Val	Nval	Freq	Cum Freq
1200.0	0	0.000	0.000
1176.8	0	0.000	0.000
1153.6	0	0.000	0.000
1130.5	0	0.000	0.000
1107.3	0	0.000	0.000
1084.1	0	0.000	0.000
1060.9	1	0.003	0.003
1037.7	0	0.000	0.003
1014.6	0	0.000	0.003
991.38	0	0.000	0.003
968.20	0	0.000	0.003
945.02	0	0.000	0.003
921.84	1	0.003	0.006
898.66	0	0.000	0.006
875.48	0	0.000	0.006
852.30	3	0.009	0.016
829.12	0	0.000	0.016
805.94	0	0.000	0.016
782.76	0	0.000	0.016
759.58	0	0.000	0.016
736.40	0	0.000	0.016
713.22	0	0.000	0.016
690.04	2	0.006	0.022
666.86	0	0.000	0.022
643.68	0	0.000	0.022
620.50	0	0.000	0.022
597.32	0	0.000	0.022
574.14	0	0.000	0.022
550.96	3	0.009	0.031
527.78	1	0.003	0.034
504.60	3	0.009	0.044
481.42	1	0.003	0.047
458.24	2	0.006	0.053
435.06	3	0.009	0.062
411.88	3	0.009	0.072
388.70	6	0.019	0.090
365.52	9	0.028	0.118
342.34	10	0.031	0.150
319.16	13	0.041	0.190
295.98	11	0.034	0.224
272.80	14	0.044	0.268
249.62	20	0.062	0.330
226.44	15	0.047	0.377
203.26	16	0.050	0.427
180.08	30	0.094	0.520
156.90	21	0.065	0.586
133.72	44	0.137	0.723
110.54	51	0.159	0.882
87.360	27	0.084	0.966
64.180	11	0.034	1.000
41.000	0	0.000	1.000

COMBAT: RUN ON 09:12:20 AT 13:40:54

Data from file: morice.tot

EQUITY REG MORICE MT

Correlation matrix for 321 records with 7 variables

LOG:	AG I	AS I	AU I	CU I	PB I	SE I	ZN I
AG	1.000	0.012	0.156	0.444	0.328	-0.076	0.418
AS	0.012	1.000	0.156	-0.109	0.142	0.103	-0.086
AU	0.156	0.156	1.000	0.212	0.027	0.154	0.027
CU	0.444	-0.109	0.212	1.000	0.223	-0.012	0.064
PB	0.328	0.142	0.027	0.223	1.000	-0.079	0.413
SE	-0.076	0.103	0.154	-0.012	-0.079	1.000	-0.114
ZN	0.418	-0.086	0.027	0.064	0.413	-0.114	1.000

Number of data pairs contributing to correlation

	AG	AS	AU	CU	PB	SE	ZN
AG	321	321	320	321	321	321	321
AS	321	321	320	321	321	321	321
AU	320	320	320	320	320	320	320
CU	321	321	320	321	321	321	321
PB	321	321	320	321	321	321	321
SE	321	321	320	321	321	321	321
ZN	321	321	320	321	321	321	321

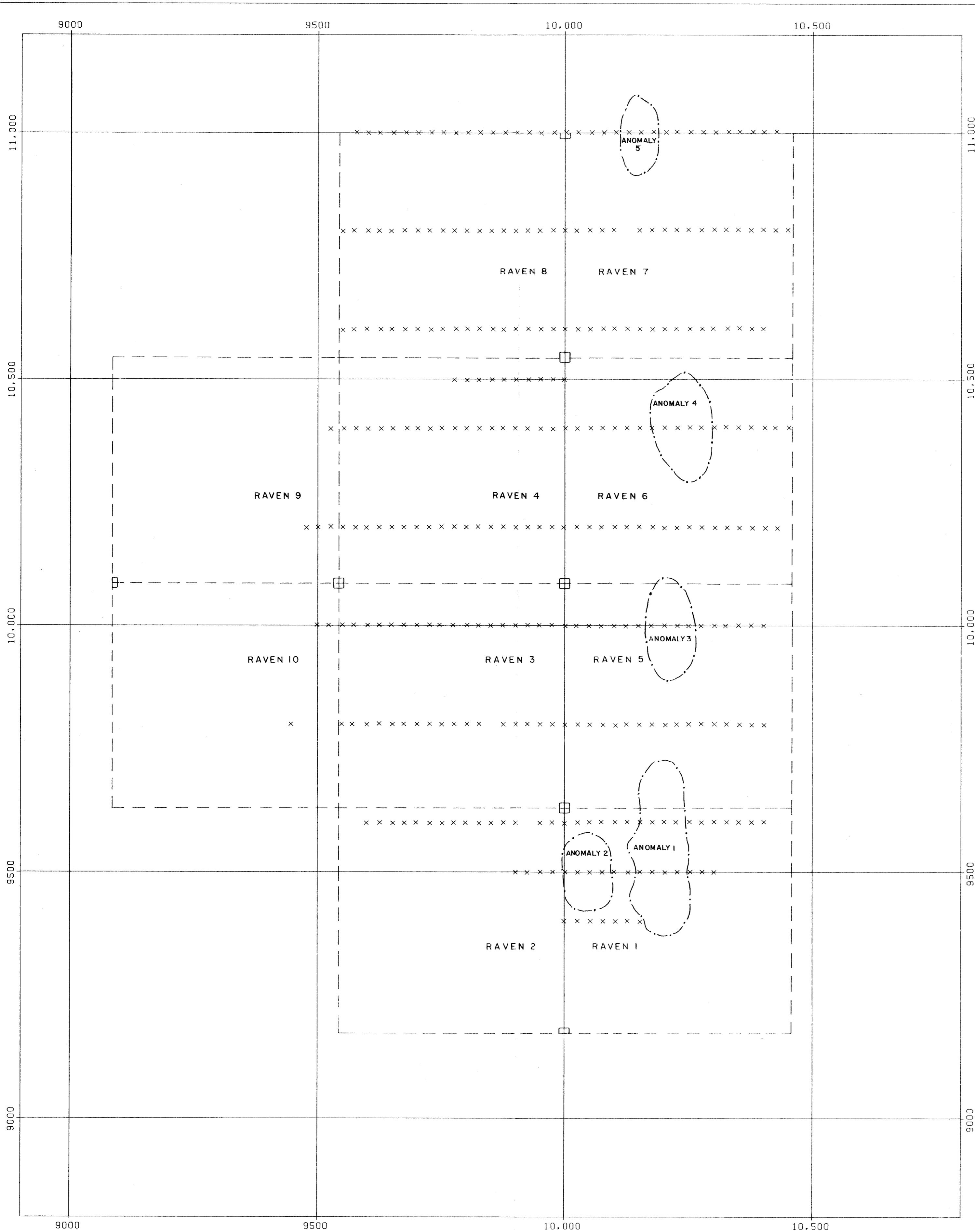


FIGURE 3  
 RAVEN CLAIMS  
 1989 SOIL SAMPLE LOCATIONS

× SOIL SAMPLE LOCATION

NOTE: GRID BASED ON LOCATION OF  
 I.P. RAVEN 7.8

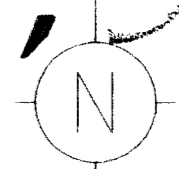
○ ANOMALY LOCATION



DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY 00/USR/DATA

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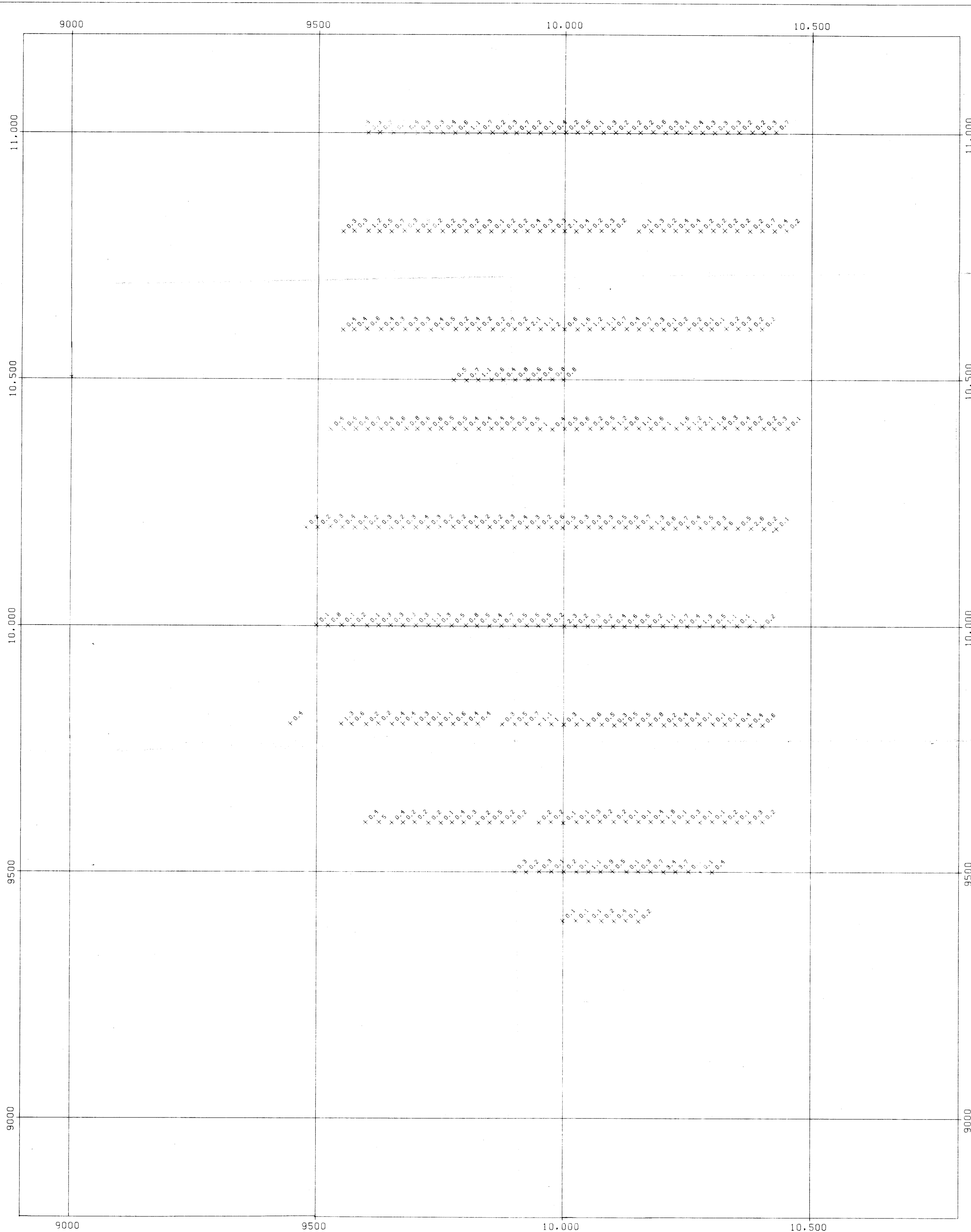


EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:11:28	
SCALE 1:5000	
NO.	PLATE

FIGURE 3  
 RAVEN CLAIMS  
 1989 SOIL SAMPLE LOCATIONS

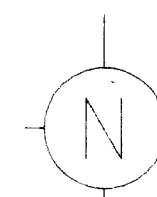
FIGURE 4  
 RAVEN CLAIMS  
 AG GEOCHEMISTRY

+ SOIL SAMPLE LOCATION  
 NOTE: AG VALUES IN PPM



DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY 00/USR/DATA

FIELD FILE  
 + POINTS: AG MORICE.89SOIL



**GEOLOGICAL BRANCH  
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EQUITY SILVER MINES LTD.

DRAWN EXP  
 DATE 89:12:21  
 SCALE 1:5000

FIGURE 4  
 RAVEN CLAIMS  
 AG GEOCHEMISTRY

NO. PLATE

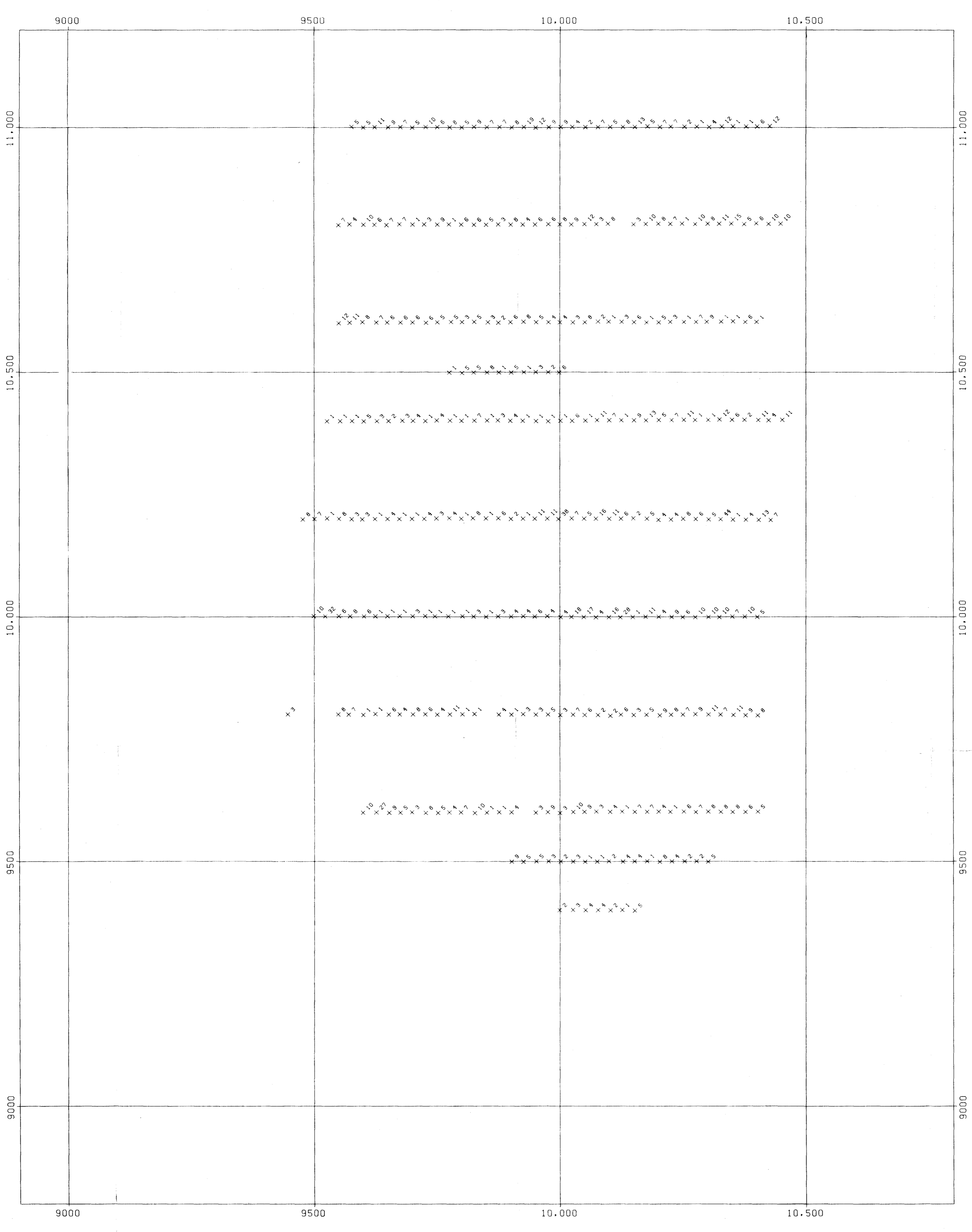
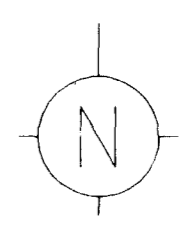


FIGURE 5  
 RAVEN CLAIMS  
 AS GEOCHEMISTRY

+ SOIL SAMPLE LOCATION  
 NOTE: AS VALUES IN PPM

DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY OD/USR/DATA  
 FIELD FILE  
 + POINTS: AS MORICE.89SOIL



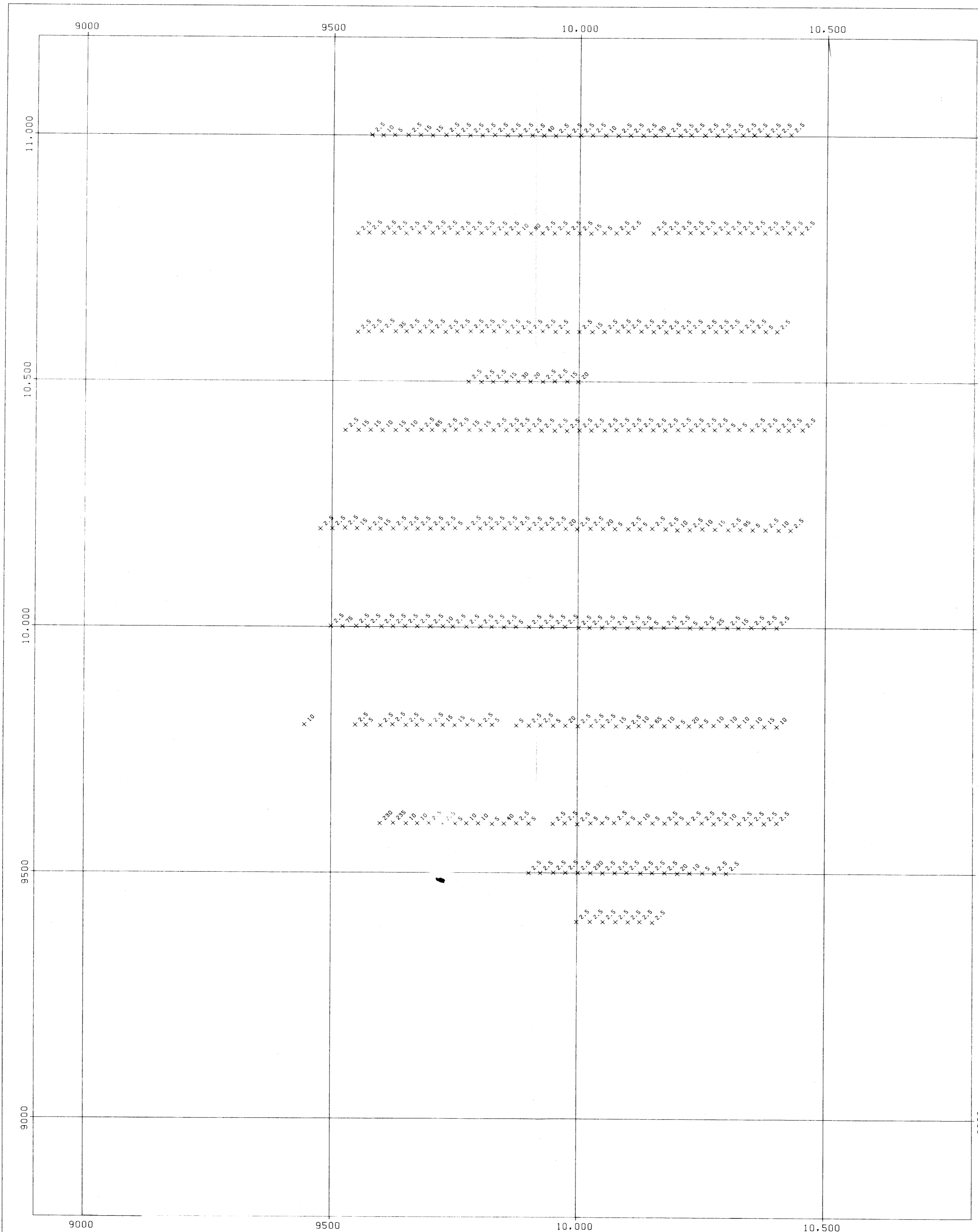
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DRAWN		EXP		EQUITY SILVER MINES LTD.	
DATE 89:12:21				FIGURE 5	
SCALE 1:5000				RAVEN CLAIMS	
				AS GEOCHEMISTRY	
		NO.		PLATE	

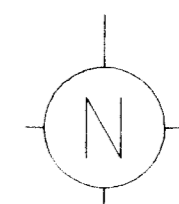
FIGURE 6  
RAVEN CLAIMS  
AU GEOCHEMISTRY

+ SOIL SAMPLE LOCATIONS  
NOTE: AU VALUES IN PPB



DATA PLOTTED ON THIS MAP:  
DIRECTORY: /EQUITY OD/USR/DATA

FIELD FILE  
+ POINTS: AU MORICE.89SOIL



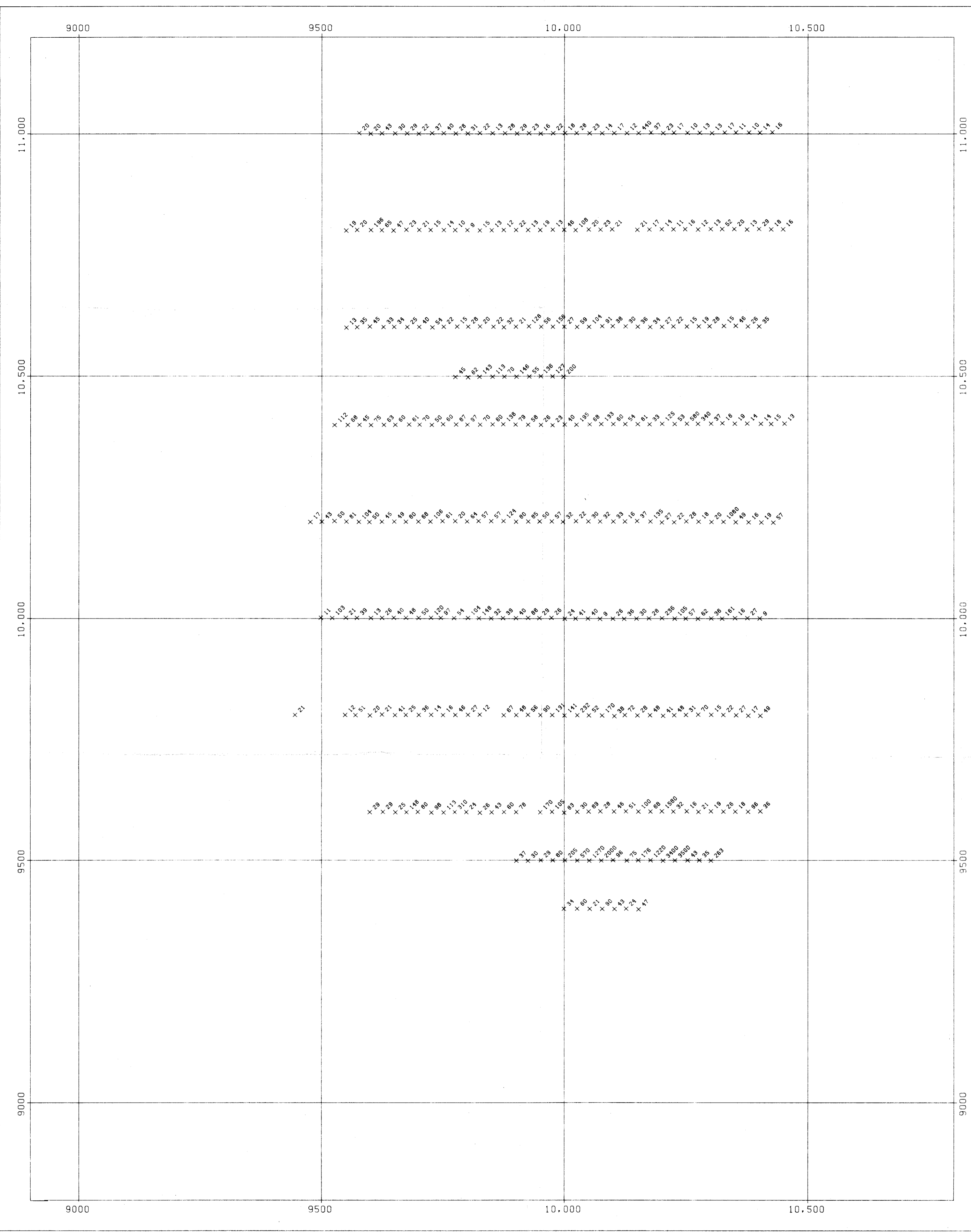
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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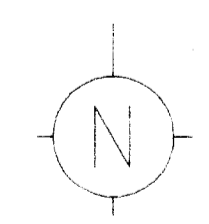
EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:12:21	FIGURE 6
SCALE 1:5000	RAVEN CLAIMS
	AU GEOCHEMISTRY
NO.	PLATE

FIGURE 7  
 RAVEN CLAIMS  
 CU GEOCHEMISTRY

+ SOIL SAMPLE LOCATIONS  
 NOTE: CU VALUES IN PPM



DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY 00/USR/DATA  
 FIELD FILE  
 + POINTS: CU MORICE.89SOIL



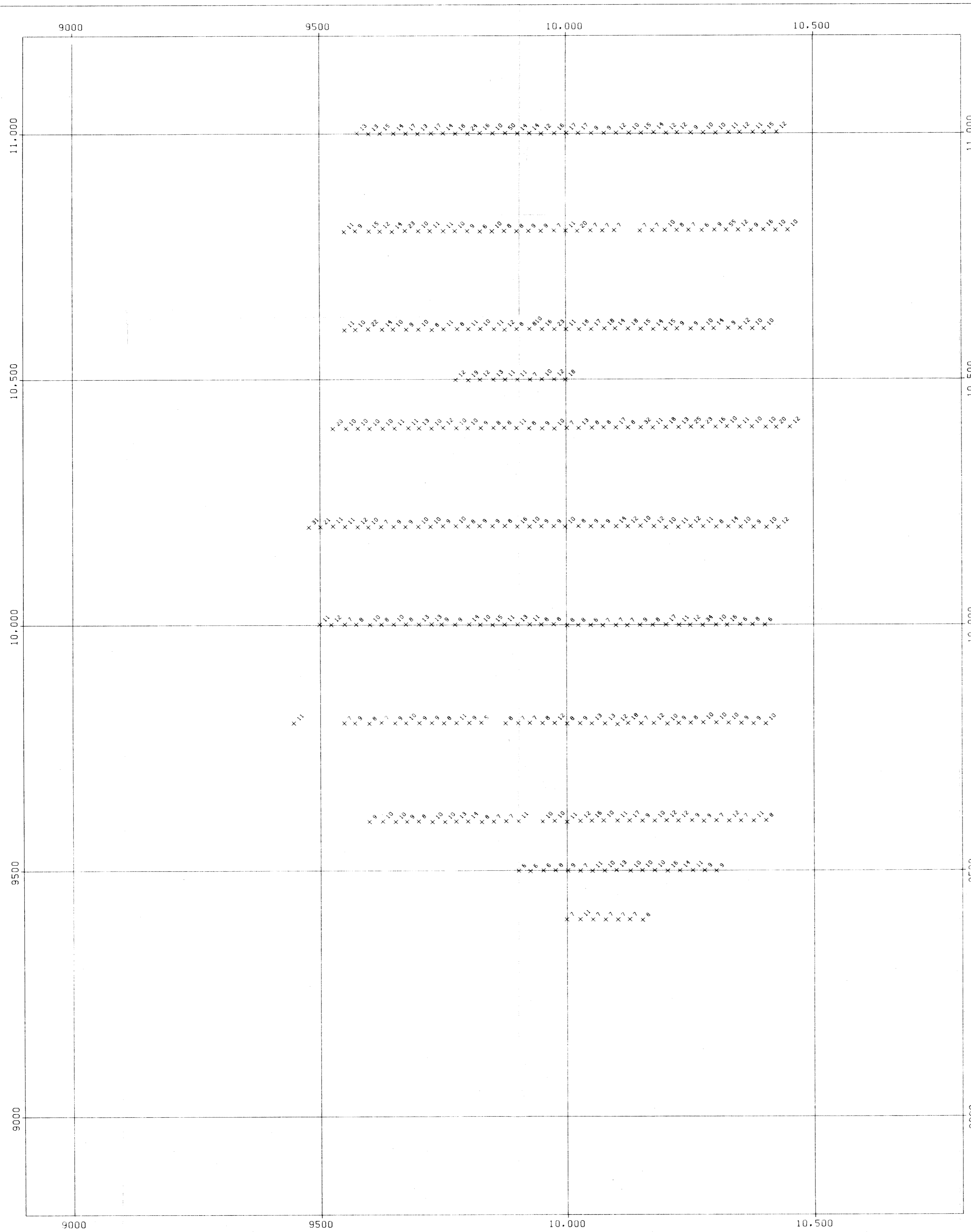
GEOLOGICAL BRANCH  
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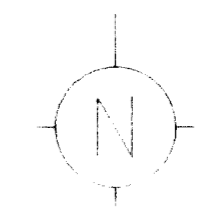
EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:12:21	FIGURE 7
SCALE 1:5000	RAVEN CLAIMS
	CU GEOCHEMISTRY
NO.	PLATE

FIGURE 8  
 RAVEN CLAIMS  
 PB GEOCHEMISTRY

+ SOIL SAMPLE LOCATIONS  
 NOTE: PB VALUES IN PPM



DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY 00/USR/DATA  
 FIELD FILE  
 + POINTS: PB MORICE.89SOIL



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EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:12:21	FIGURE 8
SCALE 1:5000	RAVEN CLAIMS
	PB GEOCHEMISTRY
NO.	PLATE

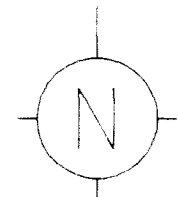
FIGURE 9  
 RAVEN CLAIMS  
 SB GEOCHEMISTRY

+ SOIL SAMPLE LOCATIONS  
 NOTE: SB VALUES IN PPM

DATA PLOTTED ON THIS MAP:  
 DIRECTORY: /EQUITY 00/USR/DATA  
 FIELD FILE  
 + POINTS: SB MORICE.89SOIL

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

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EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:12:21	
SCALE 1:5000	
NO.	PLATE

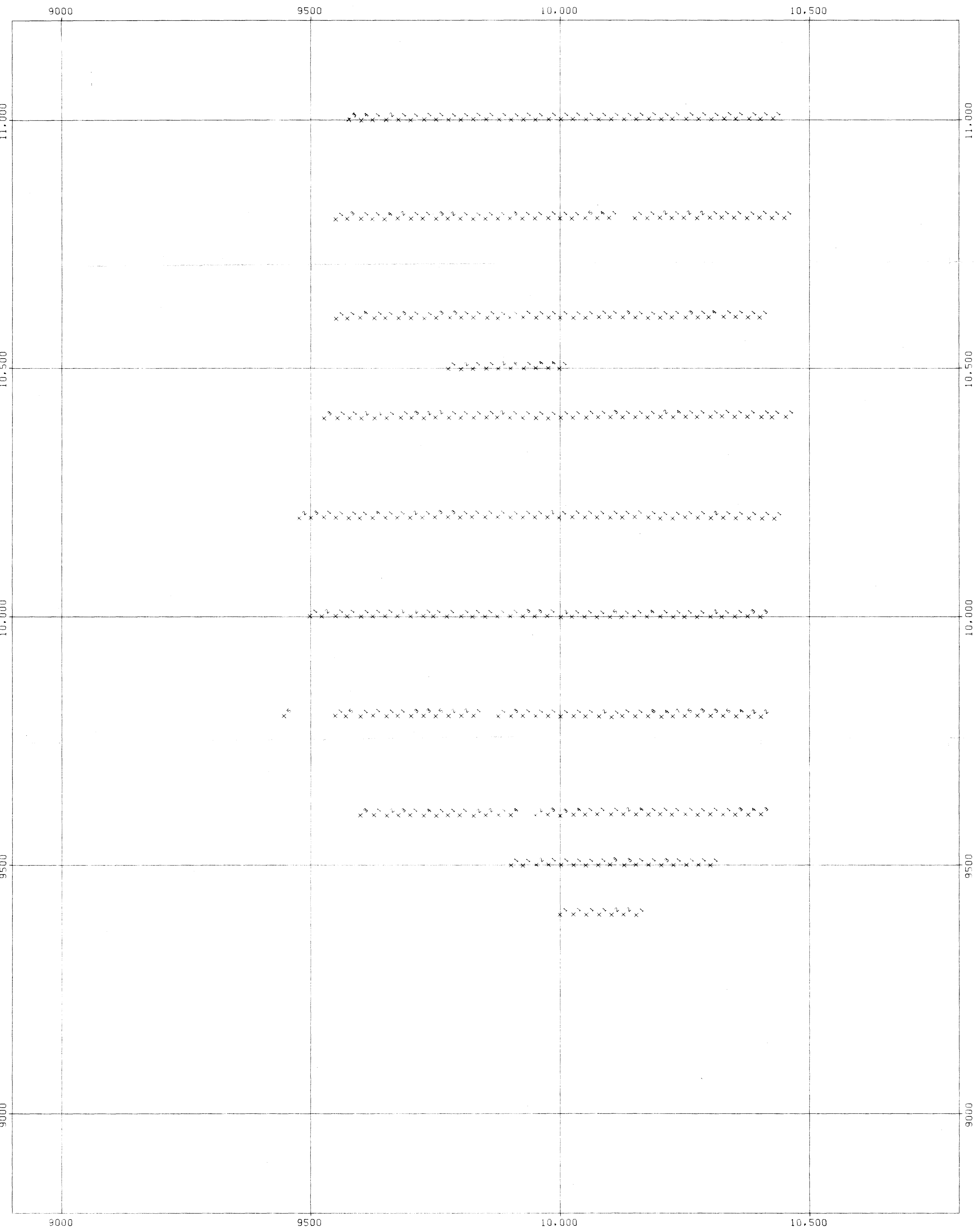
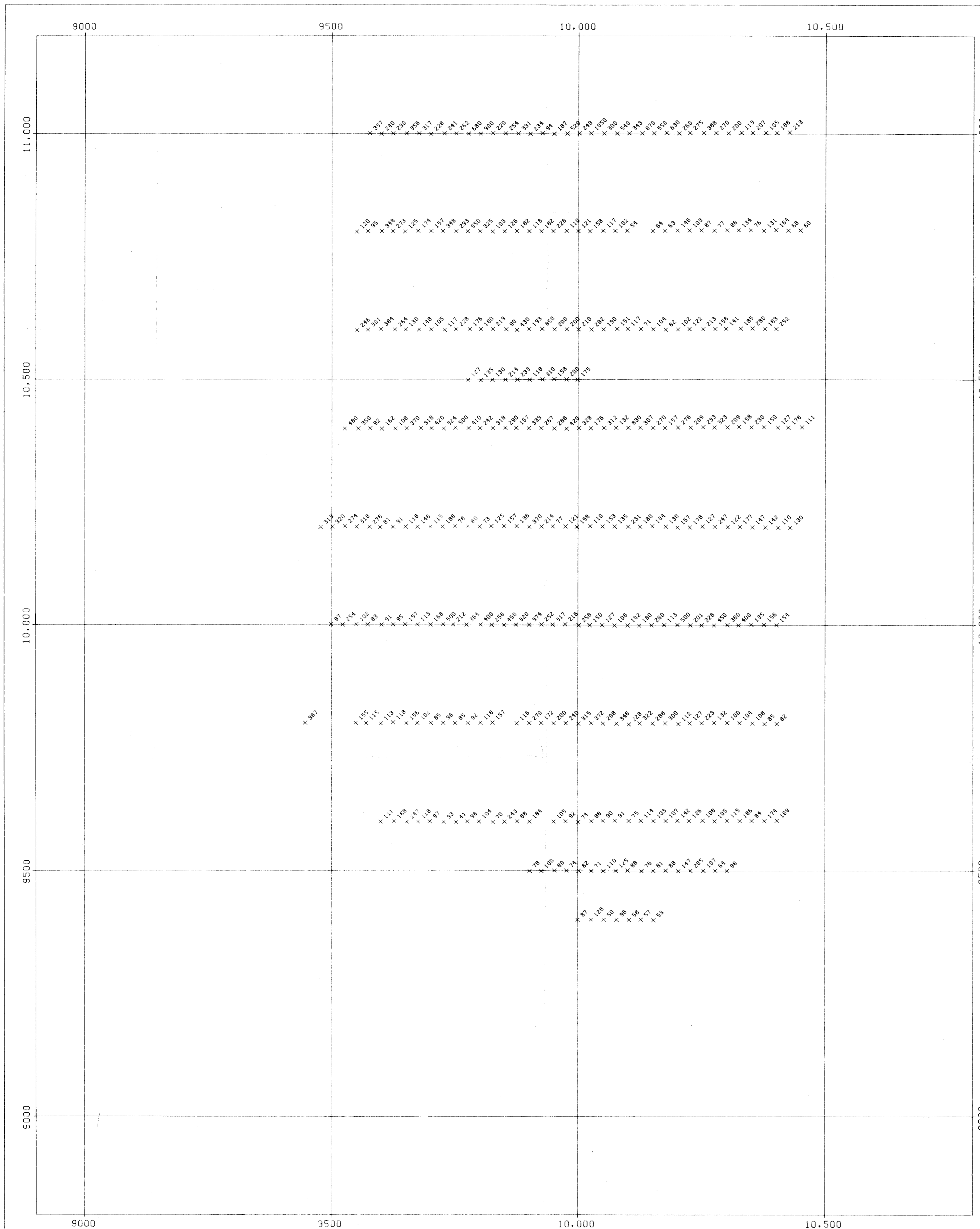
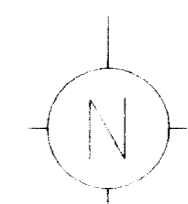


FIGURE 10  
RAVEN CLAIMS  
ZN GEOCHEMISTRY

+ SOIL SAMPLE LOCATIONS  
NOTE: ZN VALUES IN PPM



DATA PLOTTED ON THIS MAP:  
DIRECTORY: /EQUITY 0D/USR/DATA  
FIELD FILE  
+ POINTS: ZN MORICE.89SOIL



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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EQUITY SILVER MINES LTD.	
DRAWN	EXP
DATE 89:12:21	
SCALE 1:5000	
NO.	PLATE