



84-1329-13263

Assessment Report for the  
Soil Geochemistry  
of the  
KD 1, 2, and 3 Mineral Claims  
Omineca Mining Division  
NTS 93 L/2  
Latitude 54 08' N, Longitude 126 39' W

Owned by: Equity Silver Mines Limited

Work by: Equity Silver Mines Limited

Report by: R. B. Pease, B. Sc.

November, 1984

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

13,263

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## INTRODUCTION

### (i) Location and Access

The KD Claims are located 30 km south of the town of Houston, British Columbia (see Fig. 1). The claims lie in the gentle, and occasionally steep, hills of the Nechako Plateau. Access is gained to the property by the Buck Flats road from Houston, and then the logging road which accesses the northern end of the Parrott Lakes (see Fig. 2).

### (ii) Claim Ownership and Status

The work was conducted on the KD 1, 2, and 3 claims which are wholly owned by Equity Silver Mines Limited. Table 1 lists the records of the KD Claims.

Table 1. KD Mineral Claims

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Expiry Dates</u>
KD 1	6251	15	Jun 01, 1985
KD 2	6252	20	Jun 01, 1985
KD 3	6255	8	Jun 12, 1985

### (iii) Purpose

The purpose of the soil sampling programme was to follow up a Ag-Au stream sediment anomaly which had been previously determined in the area. It was hoped the sampling programme would define targets for trenching and/or drilling programmes.

FIGURE 1. KD CLAIMS LOCATION

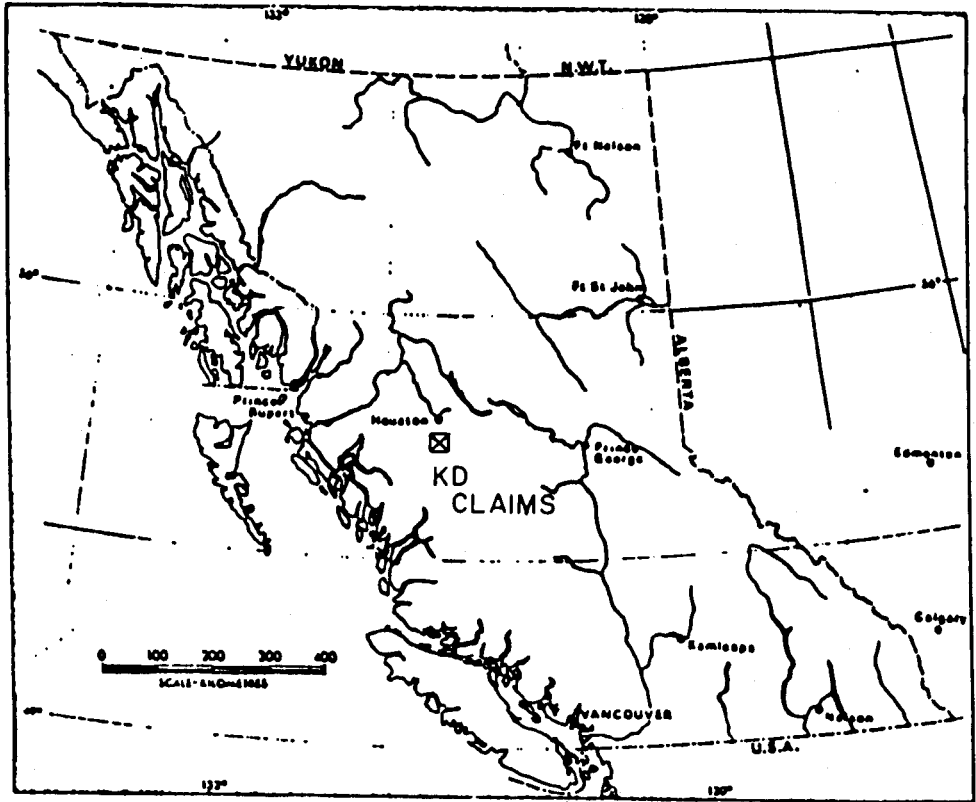
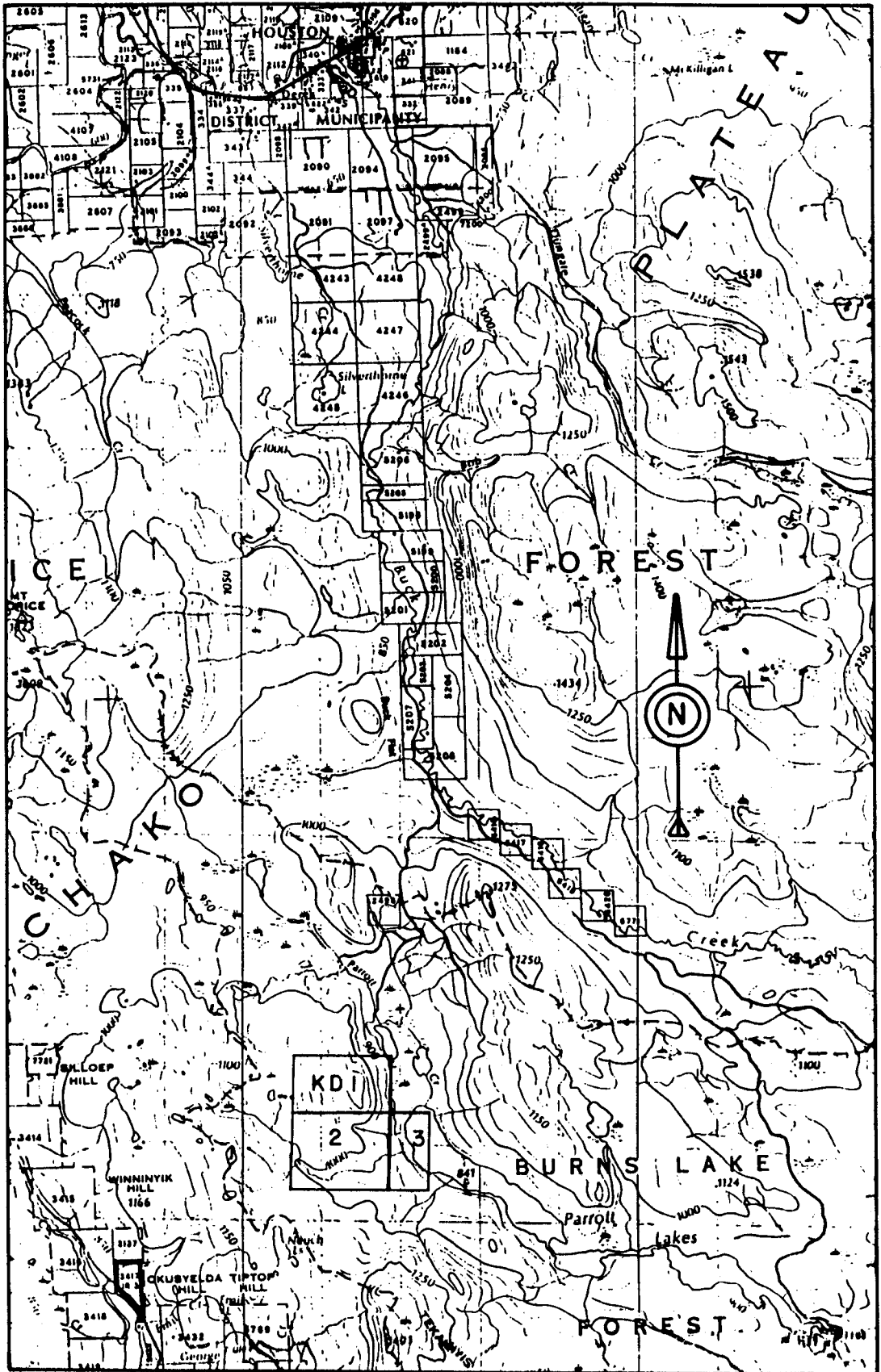


FIGURE 2. KD CLAIMS LOCATION-ACCESS



## DISCUSSION

### (i) Geochemical Sampling Procedure

The soil samples were collected from the reddish-brown B horizon, where available, at depths of 10 to 60 cm using a mattock. A total of 769 samples were collected every 50 m on east-west grid lines located 100 m apart. The lines were controlled by compass and hip-chain traverses from a central baseline.

Notes were taken for each soil sample regarding line and station; soil composition and colour; stream, road, and claim post locations; sample depth; percentage residual and ground slope. The samples were placed in brown kraft paper bags and sent to the Placer Development Laboratory in Vancouver for geochemical analysis.

### (ii) Analytical Procedure

The soil samples were dried in a hot air sample drying unit at 50°C until dry, and then the -80 mesh fraction was sieved out for analysis. The soil samples were analyzed for the elements Cu, Zn, Pb, Ag, Au, and As. Table 2 summarizes the analytical procedure used for each element.

Table 2. Analytical Procedures

<u>Element</u>	<u>Units</u>	<u>Weight (grams)</u>	<u>Attack Used</u>	<u>Digestion Time</u>	<u>Detection Range</u>	<u>Method</u>
Cu	ppm	0.5	Conc. HC104/HN03	4 hours	2-4000	Atomic Abs.
Zn	ppm	0.5	Conc. HC104/HN03	4 hours	2-3000	Atomic Abs.
Pb	ppm	0.5	Conc. HC104/HN03	4 hours	2-3000	Atomic Abs. Bkgr. Corr.
Ag	ppm	0.5	Conc. HC104/HN03	4 hours	0.2-20	Atomic Abs. Bkgr. Corr.
Au	ppm	10.0	Aqua Regia	3 hours	0.02-4.0	Atomic Abs. Sol. Extra.
As	ppm	0.5	Conc. HC104/HN03	4 hours	2-1000	Atomic Abs. Bkgr. Corr.

### (iii) Results

The geochemistry of the soil samples is displayed on Figures 4, 5, 6, 7, 8, and 9. These maps can be overlain on Figure 3 to reference the sample locations to the claims. The values were plotted on histograms and probability diagrams to analyze their statistical distribution and determine threshold and anomalous levels. These plots can be found in the Appendix. A summary is shown in Table 3.

Table 3. Statistical Summary

<u>Element</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Threshold</u>	<u>Anomaly</u>
Cu	12.0	9.7	25.0	50.0
Zn	95.9	58.2	120.0	240.0
Pb	8.0	3.5	15.0	30.0
Ag	0.1	0.03	-	-
Au	0.01	0.02	-	-
As	0.8	2.1	-	-

A correlation matrix was also calculated and is included in the Appendix. A Cu-Zn-Pb correlation was found, as well as a Cu-Ag-As correlation.

Cu, Zn, and Pb were the only elements where anomalous values could be defined. However, the Cu and Pb levels are considered to be very low when contrasted to regional values. In the case of Au, Ag, and As, most of the samples were below the detection limit of the analytical technique. Therefore, the determination of anomalous levels is difficult.

Three zones of interest can be defined. One is located on the south side of the hill in the centre of KD 1. The zone is orientated north-northwest at approximately 3000 E. It extends from 2250 to 3000 N, and is open to the north. The zone is defined by anomalous Zn values with spot samples of higher Cu, Pb, and Au.

Another zone of interest is located on the south side of the hill in the western part of KD 2. The zone is orientated north-northwest at approximately 1800 E. It extends from 2200 to 2400 N, and is 50 m wide. The zone is defined by anomalous Cu and Zn values, with a spot sample of higher Au.

The last zone of interest is located inbetween North and South creeks at approximately 2000 N. The zone is orientated northwest, and extends from 3500 to 3700 E. It is 50 m wide. The zone is defined by anomalous Zn values, with spot samples of higher Cu, Ag, and As.

#### CONCLUSIONS AND RECOMMENDATION

Three anomalous areas were identified in the soil sampling programme. Although the relative strength of the geochemical values is low, these zones are worthy of further investigation. The most significant zone is the first one discussed, due to it's size and relative geochemical values. Since this zone is open to the north, the soil grid should be extended to cover this projection. Short overburden trenches should be dug to cross-cut the anomalous zones. These trenches would expose the underlying bedrock, and provide more insight into the economic significance of the claims.



Table 4. Statement of Expenditures

<u>1. Salaries</u>		<u>Sub-Totals</u>	<u>Totals</u>
R. Pease	Jun 04, Aug 27,28. 3 days @\$162/day.....	486.00	
D. Hanson	Jun 04,11,15, Aug 24,27,28,29 30, Sept 04. 9 days @ \$145/day.....	1,305.00	
J. Young	Jun 05,06,11,12,15, Aug 24. 6 days @ \$104/day.....	624.00	
C. Towell	Jun 04,06,07,11,12,15, Aug 24,27,28,29,30, Sept 04. 12 days @\$131/day.....	1,572.00	
E. Matthias	Jun 04,05,07,11,15. 5 days @\$131/day.....	655.00	
E. Carew	Aug 24,27,28. 3 days @\$119/day.....	357.00	
		<u>4,999.00</u>	4,999.00
<u>2. Transportation</u>			
Chev 4 x 4 Blazer, Rental and Fuel	13 days @\$60/day.....	780.00	
		<u>780.00</u>	780.00
<u>3. Geochemical Analysis</u>			
Sample preparation:	769 @ \$0.75.....	576.75	
Copper analysis :	769 @ \$2.00.....	1,538.00	
Zinc analysis :	769 @ \$0.90.....	692.10	
Lead analysis :	769 @ \$0.90.....	692.10	
Silver analysis :	769 @ \$0.90.....	692.10	
Arsenic analysis :	769 @ \$0.90.....	692.10	
Gold analysis :	769 @ \$5.00.....	3,845.00	
		<u>8,728.15</u>	8,728.15
<u>5. Report Preparation</u>			
Interpretation/Drafting/Reproduction.....		<u>5,000.00</u>	
		5,000.00	<u>5,000.00</u>
		<u>TOTAL EXPENDITURES</u>	<u>19,507.15</u>

## AUTHOR'S QUALIFICATIONS

The author graduated from the University of Waterloo, Waterloo Ontario, in the spring of 1981 with an Honours Bachelor of Science degree in Earth Sciences. As a student, he spent some 20 months employed in the mineral exploration field with several mining companies. After graduation, he was employed as an exploration geologist with Duval International Corporation, Vancouver. Since February of 1982, he has been employed as an exploration geologist with Equity Silver Mines Limited, Houston, British Columbia.

Respectfully Submitted,

EQUITY SILVER MINES LIMITED

R. B. Pease, B. Sc.  
Exploration Geologist

RBP/dms

### Distribution:

Original : Exploration Files  
1 Copy : Mine Manager  
2 Copy : Mine Superintendent  
3 Copy : Engineering Supervisor  
4 and 5 Copy : British Columbia Ministry of Mines & Petroleum Resources

Appendix

Soil Sample Statistics

Correlation Matrix

Histograms and Probability Plots



FORMAT: RUN ON 84:10:15 AT 03:50:09

DATA FROM FILE: EQTYOT\*KO-DAFS.

PAI GEOCHEM FILE: KD CLAIMS, SOIL GRID

CORRELATION MATRIX FOR 769 RECORDS WITH 6 VARIABLES

LOG:	CU O	ZN O	PB O	AG O	AU O	AS O
CU	1.000	.323	.354	.363	.424	-.063
ZN	.393	1.000	.497	.439	.125	-.019
PB	.354	.467	1.000	.434	.127	-.034
AG	.363	.439	.434	1.000	.264	-.053
AU	.424	.125	.127	.264	1.000	-.013
AS	-.063	-.019	-.034	-.053	-.013	1.000

NUMBER OF DATA PAIRS CONTRIBUTING TO CORRELATION

	CU	ZN	PB	AG	AU	AS
CU	766	765	765	765	743	765
ZN	765	765	765	766	743	765
PB	765	766	765	765	743	765
AG	765	765	765	765	743	765
AU	743	743	743	743	743	742
AS	765	765	765	765	742	765

HISTO:

PA1 GEOCHEM FILE: KD CLAIMS, SOIL GRID

RUN ON 34:10:15 AT 08:52:29

FILE: BQTY08-KO-DARS.

FIELD NAME: CU LOG = 1

766 SAMPLES WITH CU

MINIMUM: 0.00000 MAXIMUM: 80.0000

766 VALUES PLOTTED:

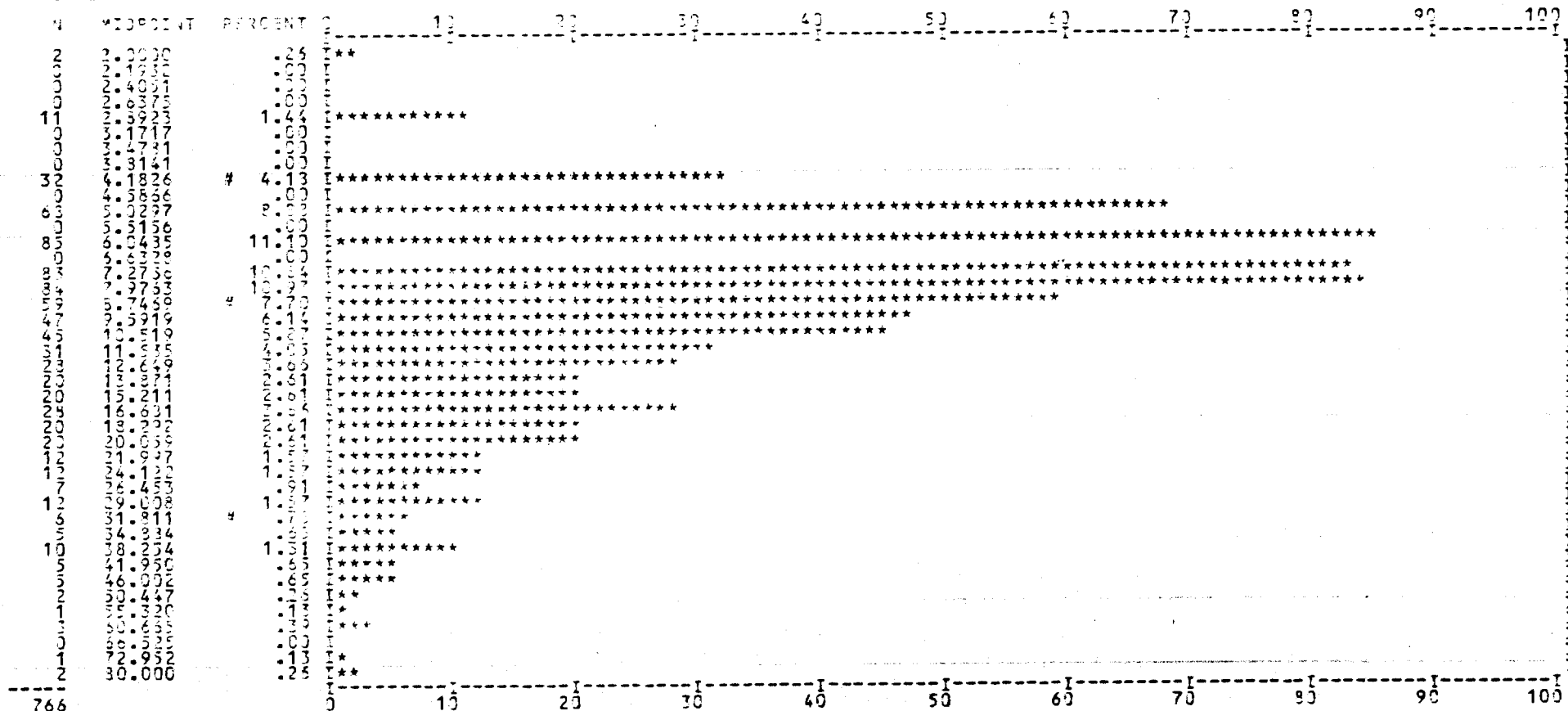
0 NOT IN RANGE 0.00000 TO 80.0000

GEOMETRIC MEAN:

9.74023 DISPERSION: 5.34480 17.7503

SCALE OF HISTOGRAM IS

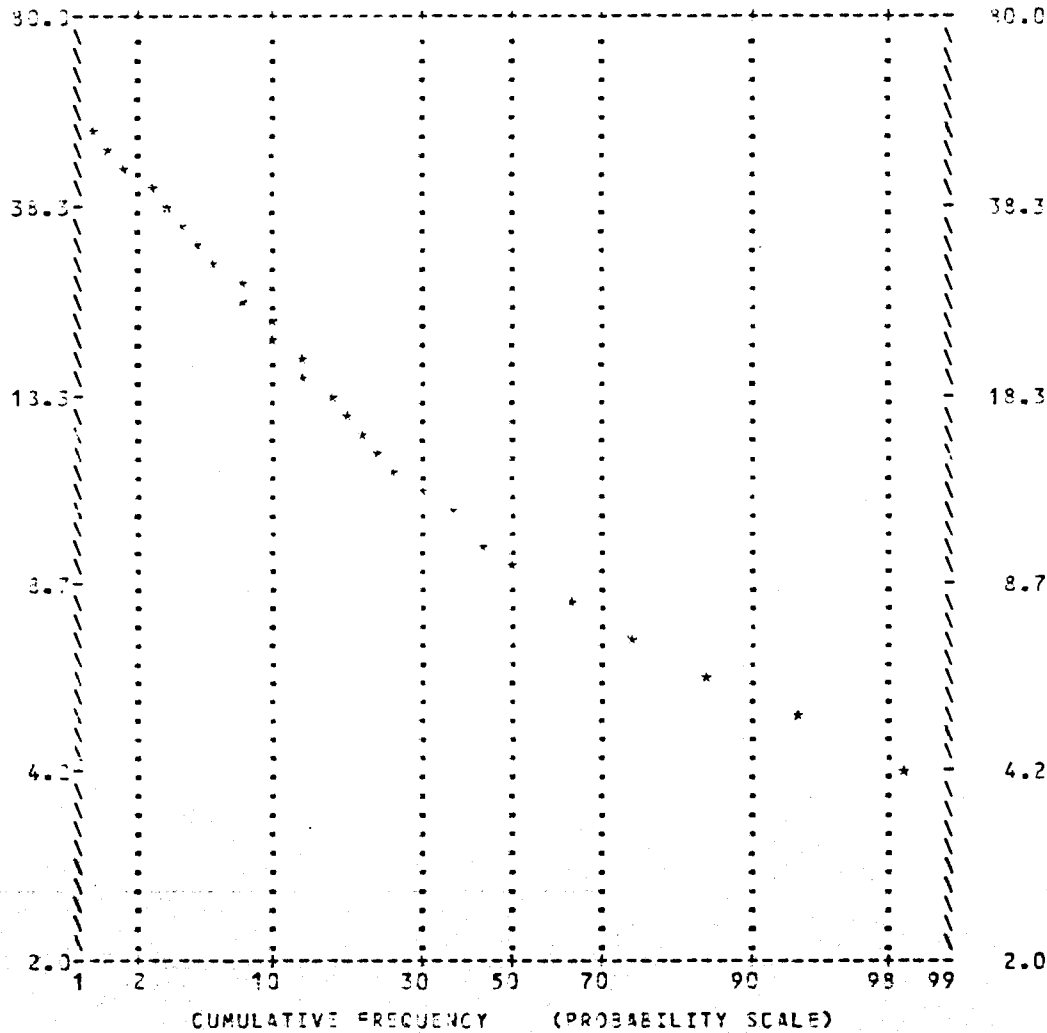
1.00 COUNTS/PRINT POSITION # = 5,50,95%



PRINPLT: MAC STACHIM FILE: KD CLAIMS, SOIL GRID  
 FILE: EQTY03+KD-DAPS1. FIELD NAME: CJ LOG = 1

RUN ON 34:11:23 AT 15:23:45

MIN = 2.0000 MAX = 40.000 MEAN = 11.979 STD. DEV. = 9.6305  
 NUMBER OF DATA PLOTTED = 756 ( 3 NULLS 0 < YMIN 0 > YMAX)



MAX	YVAL	FREQ	CUM	PROB
40.0	40.0	1	.001	.001
39.9	39.9	1	.002	.002
39.8	39.8	1	.003	.003
39.7	39.7	1	.004	.004
39.6	39.6	1	.005	.005
39.5	39.5	1	.006	.006
39.4	39.4	1	.007	.007
39.3	39.3	1	.008	.008
39.2	39.2	1	.009	.009
39.1	39.1	1	.010	.010
39.0	39.0	1	.011	.011
38.9	38.9	1	.012	.012
38.8	38.8	1	.013	.013
38.7	38.7	1	.014	.014
38.6	38.6	1	.015	.015
38.5	38.5	1	.016	.016
38.4	38.4	1	.017	.017
38.3	38.3	1	.018	.018
38.2	38.2	1	.019	.019
38.1	38.1	1	.020	.020
38.0	38.0	1	.021	.021
37.9	37.9	1	.022	.022
37.8	37.8	1	.023	.023
37.7	37.7	1	.024	.024
37.6	37.6	1	.025	.025
37.5	37.5	1	.026	.026
37.4	37.4	1	.027	.027
37.3	37.3	1	.028	.028
37.2	37.2	1	.029	.029
37.1	37.1	1	.030	.030
37.0	37.0	1	.031	.031
36.9	36.9	1	.032	.032
36.8	36.8	1	.033	.033
36.7	36.7	1	.034	.034
36.6	36.6	1	.035	.035
36.5	36.5	1	.036	.036
36.4	36.4	1	.037	.037
36.3	36.3	1	.038	.038
36.2	36.2	1	.039	.039
36.1	36.1	1	.040	.040
36.0	36.0	1	.041	.041
35.9	35.9	1	.042	.042
35.8	35.8	1	.043	.043
35.7	35.7	1	.044	.044
35.6	35.6	1	.045	.045
35.5	35.5	1	.046	.046
35.4	35.4	1	.047	.047
35.3	35.3	1	.048	.048
35.2	35.2	1	.049	.049
35.1	35.1	1	.050	.050
35.0	35.0	1	.051	.051
34.9	34.9	1	.052	.052
34.8	34.8	1	.053	.053
34.7	34.7	1	.054	.054
34.6	34.6	1	.055	.055
34.5	34.5	1	.056	.056
34.4	34.4	1	.057	.057
34.3	34.3	1	.058	.058
34.2	34.2	1	.059	.059
34.1	34.1	1	.060	.060
34.0	34.0	1	.061	.061
33.9	33.9	1	.062	.062
33.8	33.8	1	.063	.063
33.7	33.7	1	.064	.064
33.6	33.6	1	.065	.065
33.5	33.5	1	.066	.066
33.4	33.4	1	.067	.067
33.3	33.3	1	.068	.068
33.2	33.2	1	.069	.069
33.1	33.1	1	.070	.070
33.0	33.0	1	.071	.071
32.9	32.9	1	.072	.072
32.8	32.8	1	.073	.073
32.7	32.7	1	.074	.074
32.6	32.6	1	.075	.075
32.5	32.5	1	.076	.076
32.4	32.4	1	.077	.077
32.3	32.3	1	.078	.078
32.2	32.2	1	.079	.079
32.1	32.1	1	.080	.080
32.0	32.0	1	.081	.081
31.9	31.9	1	.082	.082
31.8	31.8	1	.083	.083
31.7	31.7	1	.084	.084
31.6	31.6	1	.085	.085
31.5	31.5	1	.086	.086
31.4	31.4	1	.087	.087
31.3	31.3	1	.088	.088
31.2	31.2	1	.089	.089
31.1	31.1	1	.090	.090
31.0	31.0	1	.091	.091
30.9	30.9	1	.092	.092
30.8	30.8	1	.093	.093
30.7	30.7	1	.094	.094
30.6	30.6	1	.095	.095
30.5	30.5	1	.096	.096
30.4	30.4	1	.097	.097
30.3	30.3	1	.098	.098
30.2	30.2	1	.099	.099
30.1	30.1	1	.100	.100
30.0	30.0	1	.101	.101
29.9	29.9	1	.102	.102
29.8	29.8	1	.103	.103
29.7	29.7	1	.104	.104
29.6	29.6	1	.105	.105
29.5	29.5	1	.106	.106
29.4	29.4	1	.107	.107
29.3	29.3	1	.108	.108
29.2	29.2	1	.109	.109
29.1	29.1	1	.110	.110
29.0	29.0	1	.111	.111
28.9	28.9	1	.112	.112
28.8	28.8	1	.113	.113
28.7	28.7	1	.114	.114
28.6	28.6	1	.115	.115
28.5	28.5	1	.116	.116
28.4	28.4	1	.117	.117
28.3	28.3	1	.118	.118
28.2	28.2	1	.119	.119
28.1	28.1	1	.120	.120
28.0	28.0	1	.121	.121
27.9	27.9	1	.122	.122
27.8	27.8	1	.123	.123
27.7	27.7	1	.124	.124
27.6	27.6	1	.125	.125
27.5	27.5	1	.126	.126
27.4	27.4	1	.127	.127
27.3	27.3	1	.128	.128
27.2	27.2	1	.129	.129
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26.9	26.9	1	.132	.132
26.8	26.8	1	.133	.133
26.7	26.7	1	.134	.134
26.6	26.6	1	.135	.135
26.5	26.5	1	.136	.136
26.4	26.4	1	.137	.137
26.3	26.3	1	.138	.138
26.2	26.2	1	.139	.139
26.1	26.1	1	.140	.140
26.0	26.0	1	.141	.141
25.9	25.9	1	.142	.142
25.8	25.8	1	.143	.143
25.7	25.7	1	.144	.144
25.6	25.6	1	.145	.145
25.5	25.5	1	.146	.146
25.4	25.4	1	.147	.147
25.3	25.3	1	.148	.148
25.2	25.2	1	.149	.149
25.1	25.1	1	.150	.150
25.0	25.0	1	.151	.151
24.9	24.9	1	.152	.152
24.8	24.8	1	.153	.153
24.7	24.7	1	.154	.154
24.6	24.6	1	.155	.155
24.5	24.5	1	.156	.156
24.4	24.4	1	.157	.157
24.3	24.3	1	.158	.158
24.2	24.2	1	.159	.159
24.1	24.1	1	.160	.160
24.0	24.0	1	.161	.161
23.9	23.9	1	.162	.162
23.8	23.8	1	.163	.163
23.7	23.7	1	.164	.164
23.6	23.6	1	.165	.165
23.5	23.5	1	.166	.166
23.4	23.4	1	.167	.167
23.3	23.3	1	.168	.168
23.2	23.2	1	.169	.169
23.1	23.1	1	.170	.170
23.0	23.0	1	.171	.171
22.9	22.9	1	.172	.172
22.8	22.8	1	.173	.173
22.7	22.7	1	.174	.174
22.6	22.6	1	.175	.175
22.5	22.5	1	.176	.176
22.4	22.4	1	.177	.177
22.3	22.3	1	.178	.178
22.2	22.2	1	.179	.179
22.1	22.1	1	.180	.180
22.0	22.0	1	.181	.181
21.9	21.9	1	.182	.182
21.8	21.8	1	.183	.183
21.7	21.7	1	.184	.184
21.6	21.6	1	.185	.185
21.5	21.5	1	.186	.186
21.4	21.4	1	.187	.187
21.3	21.3	1	.188	.188
21.2	21.2	1	.189	.189
21.1	21.1	1	.190	.190
21.0	21.0	1	.191	.191
20.9	20.9	1	.192	.192
20.8	20.8	1	.193	.193
20.7	20.7	1	.194	.194
20.6	20.6	1	.195	.195
20.5	20.5	1	.196	.196
20.4	20.4	1	.197	.197
20.3	20.3	1	.198	.198
20.2	20.2	1	.199	.199
20.1	20.1	1	.200	.200
20.0	20.0	1	.201	.201
19.9	19.9	1	.202	.202
19.8	19.8	1	.203	.203
19.7	19.7	1	.204	.204
19.6	19.6	1	.205	.205
19.5	19.5	1	.206	.206
19.4	19.4	1	.207	.207
19.3	19.3	1	.208	.208
19.2	19.2	1	.209	.209
19.1	19.1	1	.210	.210
19.0	19.0	1	.211	.211
18.9	18.9	1	.212	.212
18.8	18.8	1	.213	.213
18.7	18.7	1	.214	.214
18.6	18.6	1	.215	.215
18.5	18.5	1	.216	.216
18.4	18.4	1	.217	.217
18.3	18.3	1	.218	.218
18.2	18.2	1	.219	.219
18.1	18.1	1	.220	.220
18.0	18.0	1	.221	.221
17.9	17.9	1	.222	.222
17.8	17.8	1	.223	.223
17.7	17.7	1	.224	.224
17.6	17.6	1	.225	.225
17.5	17.5	1	.226	.226
17.4	17.4	1	.227	.227
17.3	17.3	1	.228	.228
17.2	17.2	1	.229	.229
17.1	17.1	1	.230	.230
17.0	17.0	1	.231	.231
16.9	16.9	1	.232	.232
16.8	16.8	1	.233	.233
16.7	16.7	1	.234	.234
16.6	16.6	1	.235	.235
16.5	16.5	1	.236	.236
16.4	16.4	1	.237	.237
16.3	16.3	1	.238	.238
16.2	16.2	1	.239	.239
16.1	16.1	1	.240	.240
16.0	16.0	1	.241	.241
15.9	15.9	1	.242	.242
15.8	15.8	1	.243	.243
15.7	15.7	1	.244	.244
15.6	15.6	1	.245	.245
15.5	15.5	1	.246	.246
15.4	15.4	1	.247	.247
15.3	15.3	1	.248	.248
15.2	15.2	1	.249	.249
15.1	15.1	1	.250	.250
15.0	15.0	1	.251	.251
14.9	14.9	1	.252	.252
14.8	14.8	1	.253	.253
14.7	14.7	1	.254	.254
14.6	14.6	1	.255	.255
14.5	14.5	1	.256	.256
14.4	14.4	1	.257	.257
14.3	14.3	1	.258	.258
14.2	14.2	1	.259	.259
14.1	14.1	1	.260	.260
14.0	14.0	1	.261	.261
13.9	13.9	1	.262	.262
13.8	13.8	1	.263	.263
13.7	13.7	1		







HISTO:

PAI GEOCHEM FILE: KD CLAIMS, SOIL GRID

RUN ON 34:10:15 AT 08:52:29

FILE: 8QTY03-KD-CAPS.

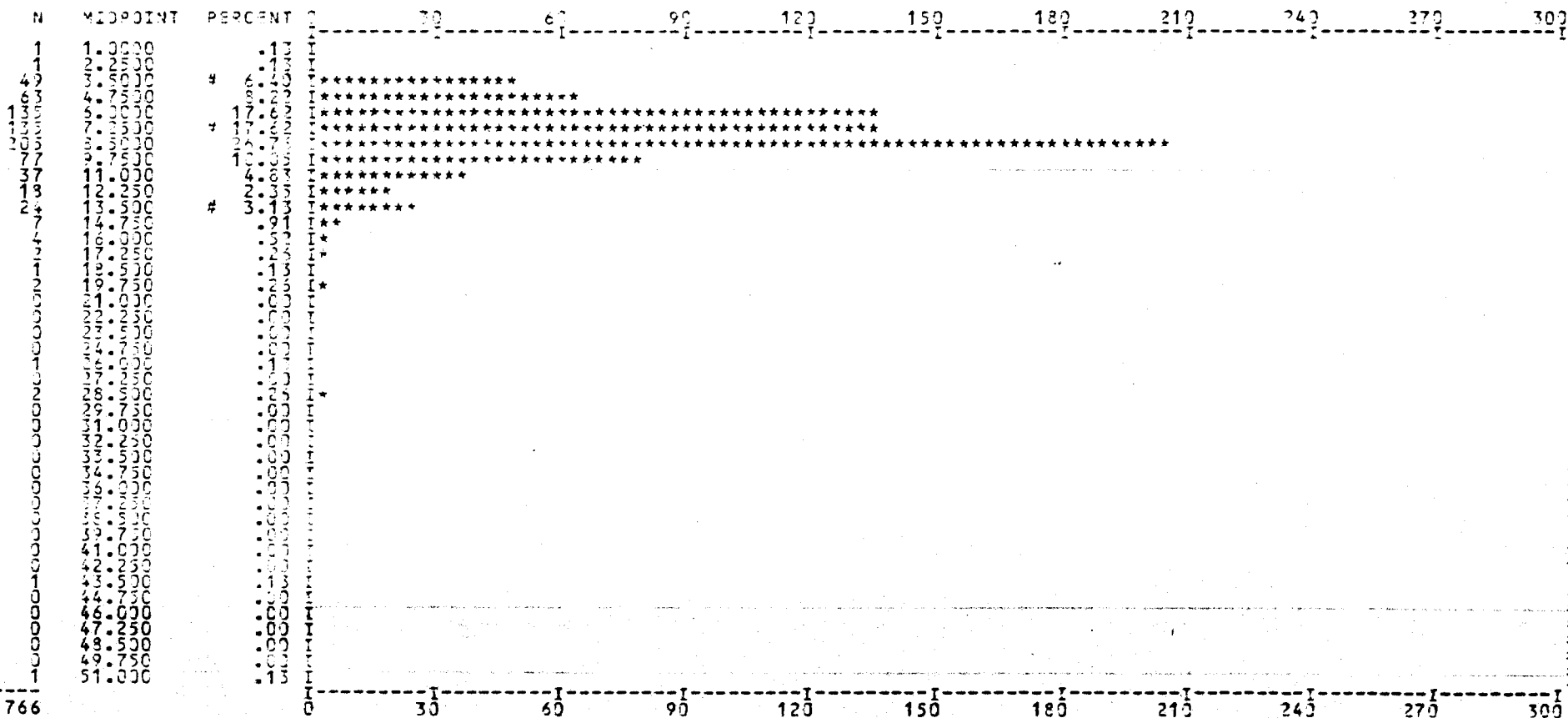
FIELD NAME: P3 LOG = 0

766 SAMPLES WITH P3 MINIMUM: 1.00000 MAXIMUM: 51.0000

766 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 TO 51.0000

MEAN: 8.01823 STD. DEV.: 3.51053

SCALE OF HISTOGRAM IS 3.00 COUNTS/PRINT POSITION # = 5,50,95%





HISTO:

PAI GEOCHEM FILE: KD CLAIMS, SOIL GRID

RUN ON 34:10:15 AT 09:52:29

FILE: ECTY00+KD-04FS.

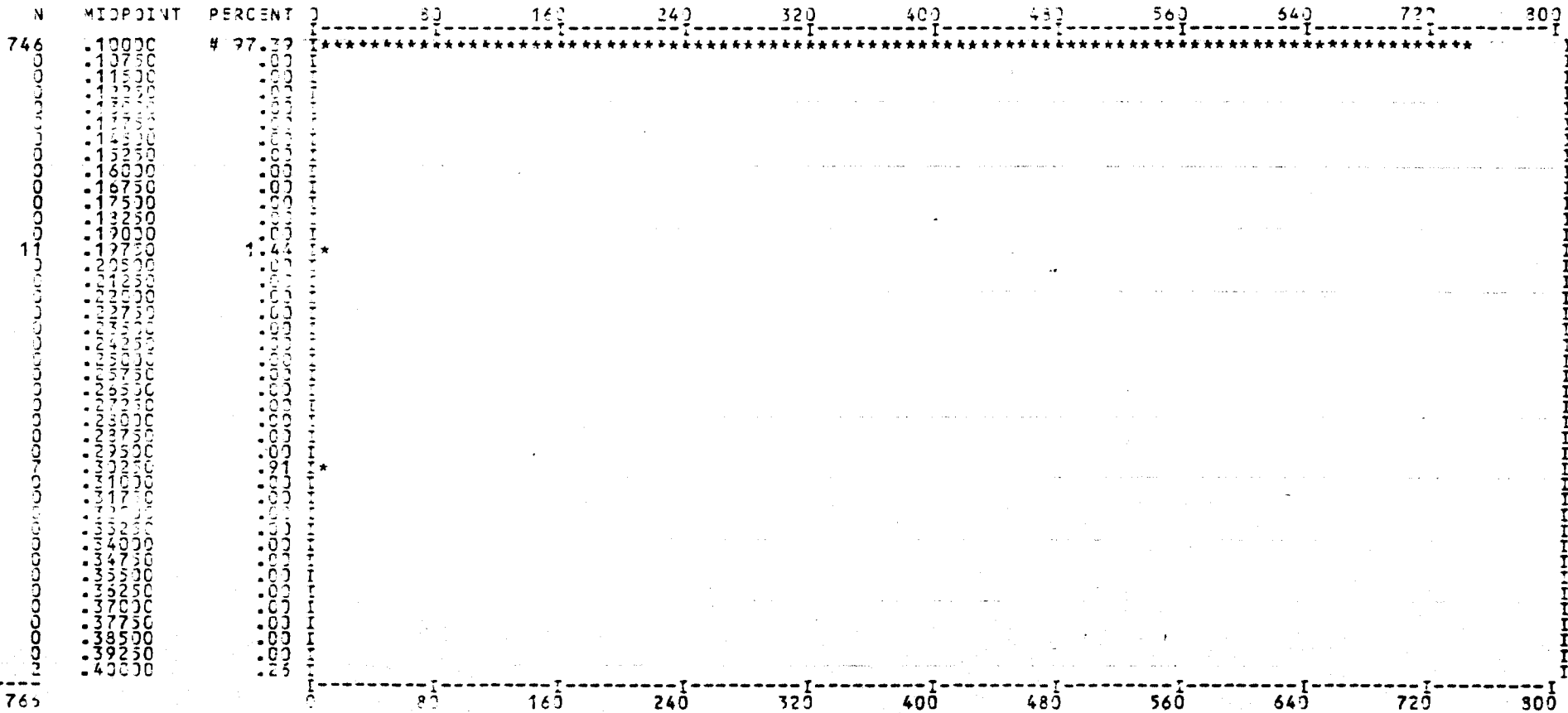
FIELD NAME: AG LOG = 0

766 SAMPLES WITH 46 MINIMUM: .100000+000 MAXIMUM: .400000

766 VALUES PLOTTED: 0 NOT IN RANGE .100000+000 TO .400000

MEAN: .104047 STD. DEV.: .269949-001

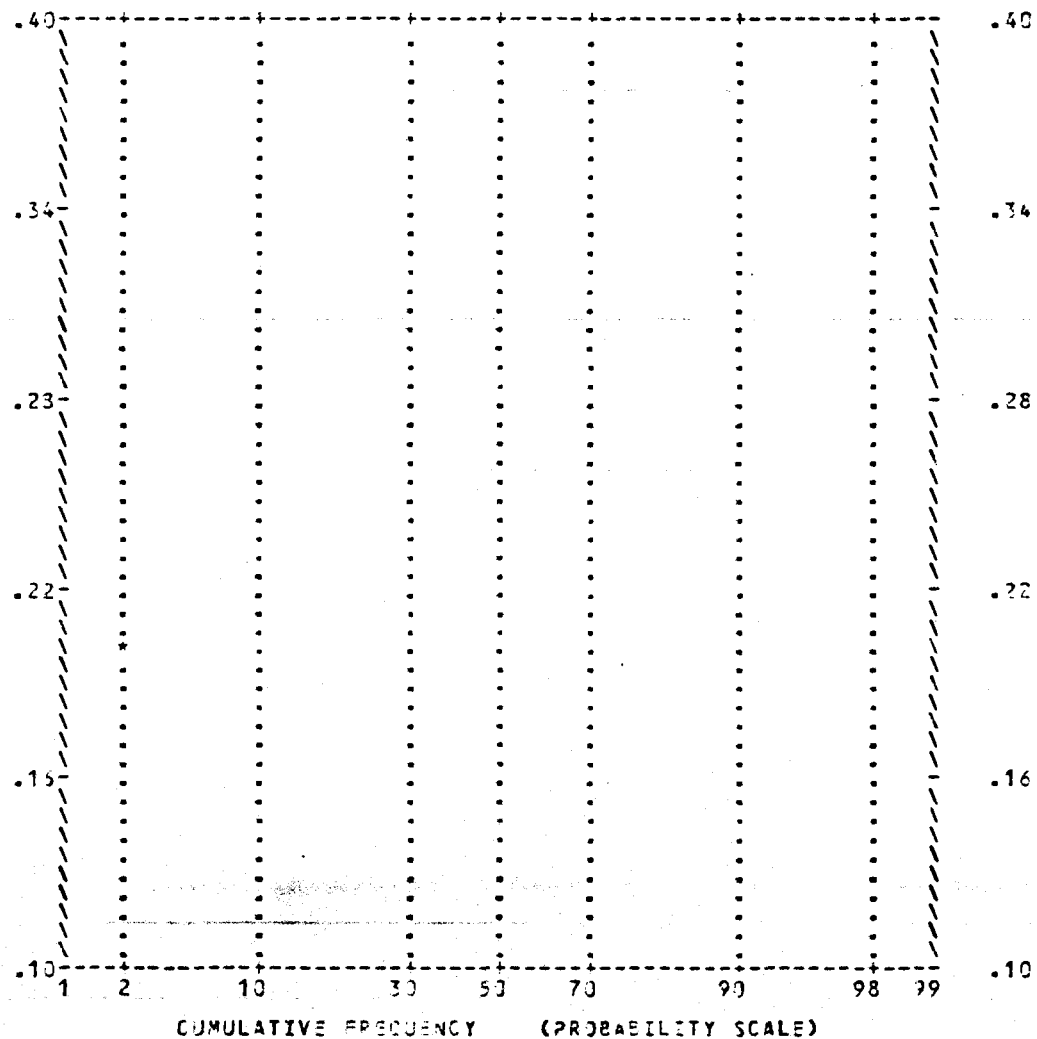
SCALE OF HISTOGRAM IS 3.00 COUNTS/PRINT POSITION # = 5,50,95%



PR3PLT: PAI GEOCHEM FILE: KC CLAIMS, SOTL SPID  
 FILE: BQTY03+KC-DAFS. FIELD NAME: AS LOG = 0

RUN ON 84:10:15 AT 08:52:29

MIN = .10000+000 MAX = .40000 MEAN = .10405 STD DEV = .26995-001  
 NUMBER OF DATA PLOTTED = 746 ( 3 NULLS 0 < YMIN 0 > YMAX)



MAX VAL	NVAL	FREQ	CUM FREQ
.40000	0	.000	.000
.39000	0	.000	.000
.38000	0	.000	.000
.37000	0	.000	.000
.36000	0	.000	.000
.35000	0	.000	.000
.34000	0	.000	.000
.33000	0	.000	.000
.32000	0	.000	.000
.31000	0	.000	.000
.30000	0	.000	.000
.29000	0	.000	.000
.28000	0	.000	.000
.27000	0	.000	.000
.26000	0	.000	.000
.25000	0	.000	.000
.24000	0	.000	.000
.23000	0	.000	.000
.22000	0	.000	.000
.21000	0	.000	.000
.20000	0	.000	.000
.19000	0	.000	.000
.18000	0	.000	.000
.17000	0	.000	.000
.16000	0	.000	.000
.15000	0	.000	.000
.14000	0	.000	.000
.13000	0	.000	.000
.12000	0	.000	.000
.11000	0	.000	.000
.10000	0	.000	.000
.09000	0	.000	.000
.08000	0	.000	.000
.07000	0	.000	.000
.06000	0	.000	.000
.05000	0	.000	.000
.04000	0	.000	.000
.03000	0	.000	.000
.02000	0	.000	.000
.01000	0	.000	.000
.00000	746	.746	1.000

HISTO:

PAI GECHTM FILE: KO CLAIMS, SOIL GRID

RUN ON 34:10:15 AT 09:52:29

FILE: EQTY03\*KO-DARS.

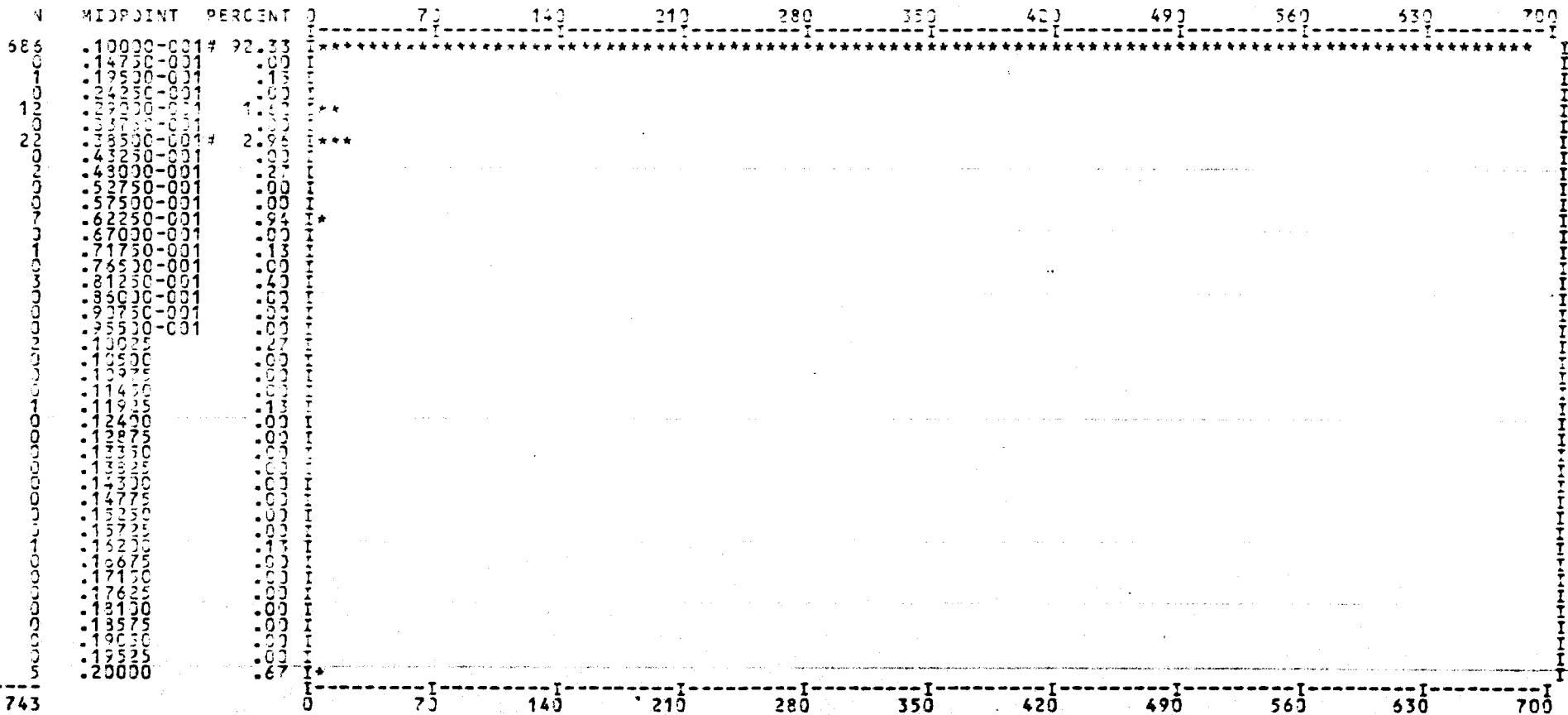
FIELD NAME: AU LOG = 0

743 SAMPLES WITH AU MINIMUM: .100000-001 MAXIMUM: .200000

743 VALUES PLOTTED: 0 NOT IN RANGE .100000-001 TO .200000

MEAN: .140377-001 STD. DEV.: .195256-001

SCALE OF HISTOGRAM IS 7.00 COUNTS/PRINT POSITION # = 5,50,25%





HISTO:

PA1 GEOCHEM FILE: KD CLAIMS, SOIL GRID

RUN ON 34:10:15 AT 08:52:29

FILE: ECTY03+KD-DAPS.

FIELD NAME: AS LOG = 0

765 SAMPLES WITH AS

MINIMUM: .500000

MAXIMUM: 48.0000

765 VALUES PLOTTED:

0 NOT IN RANGE .500000 TO 48.0000

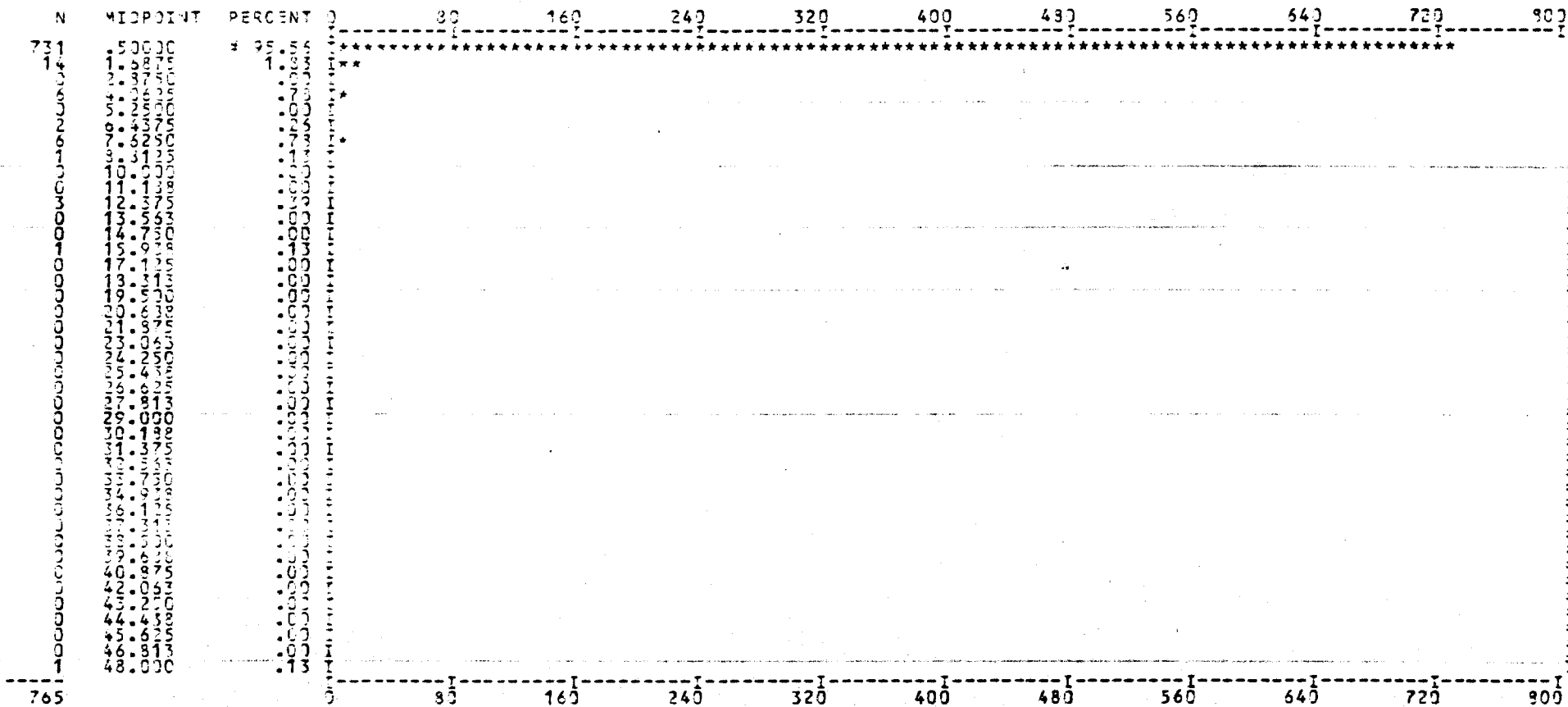
MEAN:

.765821

STD. DEV.: 2.11352

SCALE OF HISTOGRAM IS

3.00 COUNTS/PRINT POSITION # = 5,50,95%

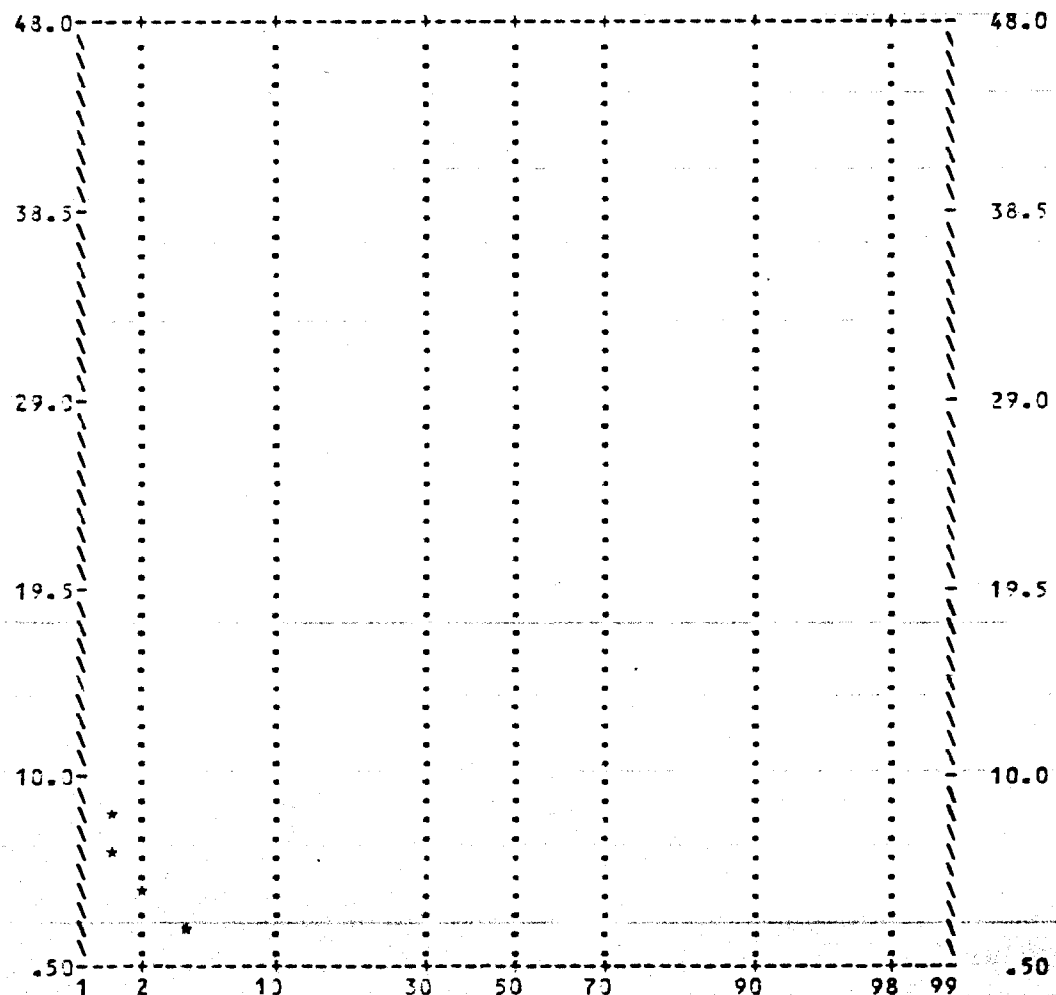




PRBPLT: PAT GEOCHEM FILE: KD CLAIMS/ SOIL GRID  
 FILE: EQTY03\*KO-DAPS. FIELD NAME: AS LOG = 0

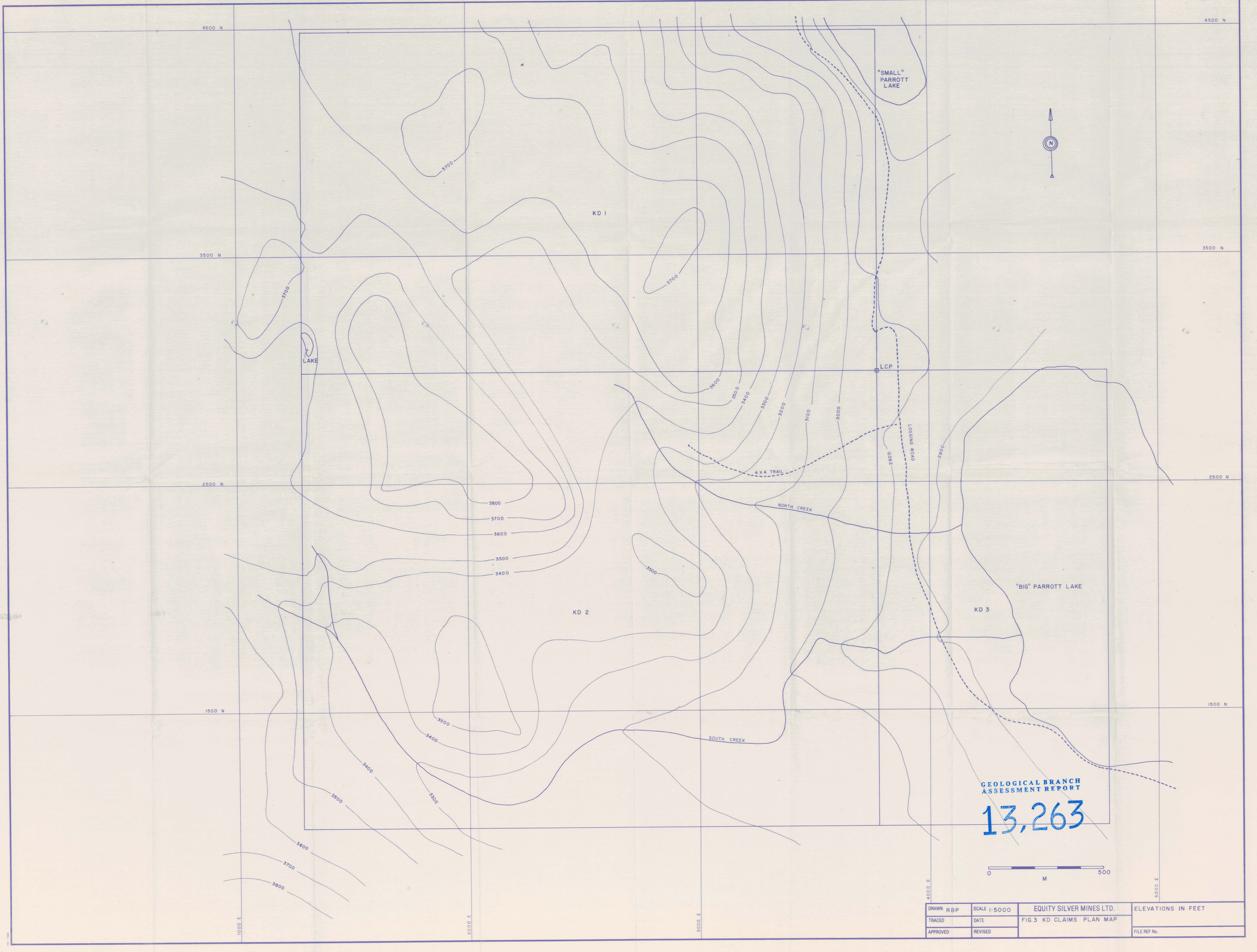
RUN ON 04:10:15 AT 08:02:29

MIN = .50000 MAX = 49.000 MEAN = .76562 STD DEV = 2.1135  
 NUMBER OF DATA PLOTTED = 705 ( 4 NULLS 0 < YMIN 0 > YMAX)



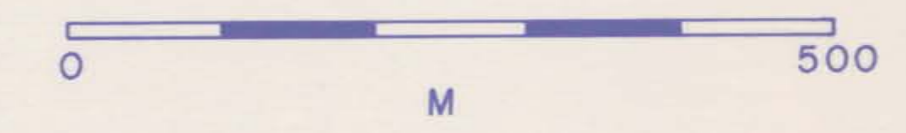
CUMULATIVE FREQUENCY (PROBABILITY SCALE)

MAX VAL	NVAL	FREQ	CUM FREQ
48.0000	1	.001	.001
47.0500	1	.001	.002
46.1000	1	.001	.003
45.1500	1	.001	.004
44.2000	1	.001	.005
43.2500	1	.001	.006
42.3000	1	.001	.007
41.3500	1	.001	.008
40.4000	1	.001	.009
39.4500	1	.001	.010
38.5000	1	.001	.011
37.5500	1	.001	.012
36.6000	1	.001	.013
35.6500	1	.001	.014
34.7000	1	.001	.015
33.7500	1	.001	.016
32.8000	1	.001	.017
31.8500	1	.001	.018
30.9000	1	.001	.019
29.9500	1	.001	.020
29.0000	1	.001	.021
28.0500	1	.001	.022
27.1000	1	.001	.023
26.1500	1	.001	.024
25.2000	1	.001	.025
24.2500	1	.001	.026
23.3000	1	.001	.027
22.3500	1	.001	.028
21.4000	1	.001	.029
20.4500	1	.001	.030
19.5000	1	.001	.031
18.5500	1	.001	.032
17.6000	1	.001	.033
16.6500	1	.001	.034
15.7000	1	.001	.035
14.7500	1	.001	.036
13.8000	1	.001	.037
12.8500	1	.001	.038
11.9000	1	.001	.039
10.9500	1	.001	.040
10.0000	0	.000	.040
9.0500	1	.001	.041
8.1000	6	.006	.047
7.1500	1	.001	.048
6.2000	1	.001	.049
5.2500	1	.001	.050
4.3000	6	.006	.056
3.3500	1	.001	.057
2.4000	1	.001	.058
1.4500	73	.073	.131
.50000	0	.000	1.000



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DRAWN	RBP	SCALE	1:5000	EQUITY SILVER MINES LTD.	ELEVATIONS IN FEET
TRACED		DATE		FIG.3 KD CLAIMS PLAN MAP	
APPROVED		REVISED			FILE REF. No.

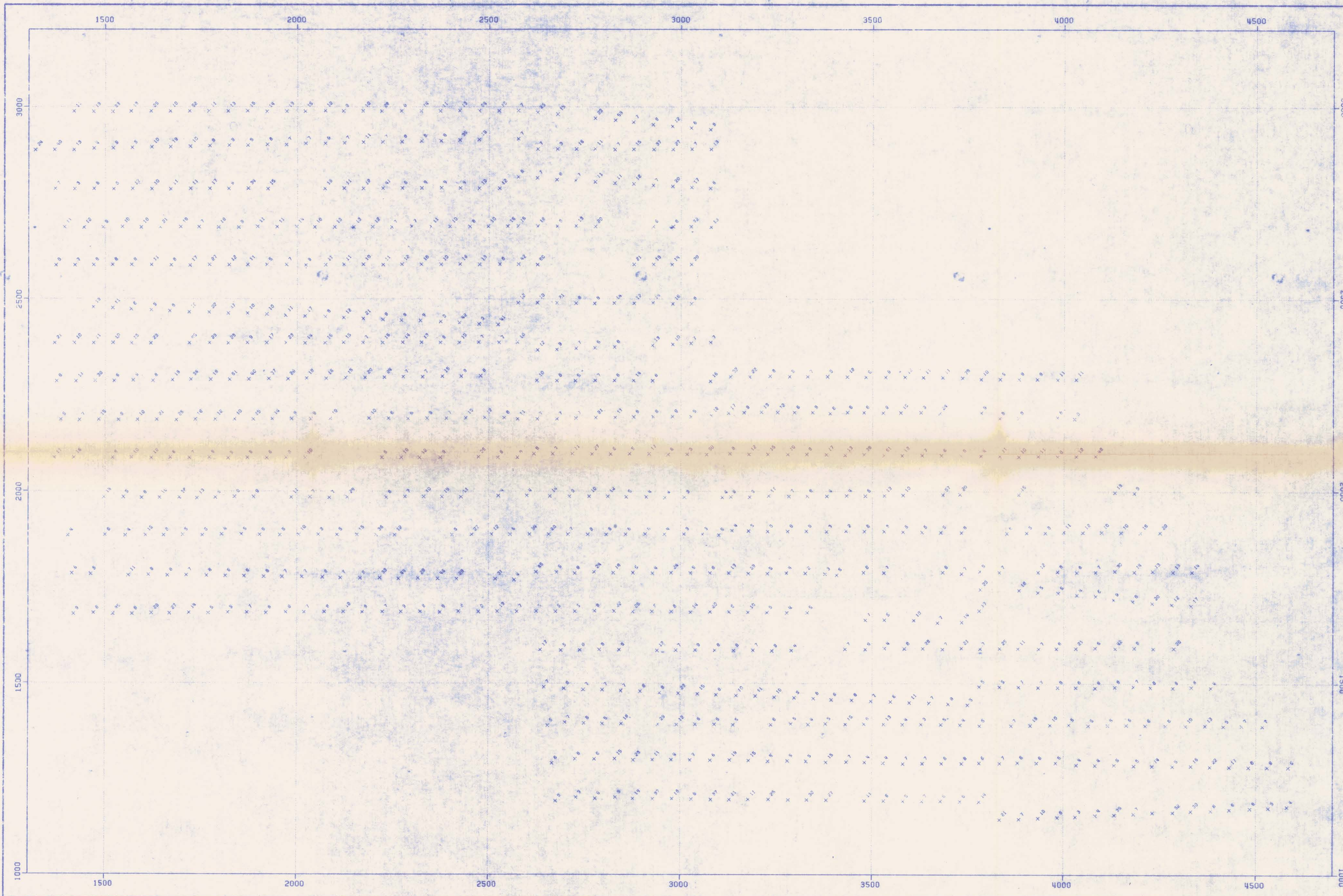


FIG. 4 CU (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

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DATA PLOTTED ON THIS MAP:

FIELD FILE  
 x POINTS: CU EQTY03MKD-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN PS		PLACER DEVELOPMENT LIMITED
DATE 84/11/27		FIG. 4 CU (PPM) IN SOIL
SCALE 1:5000		
		NO.

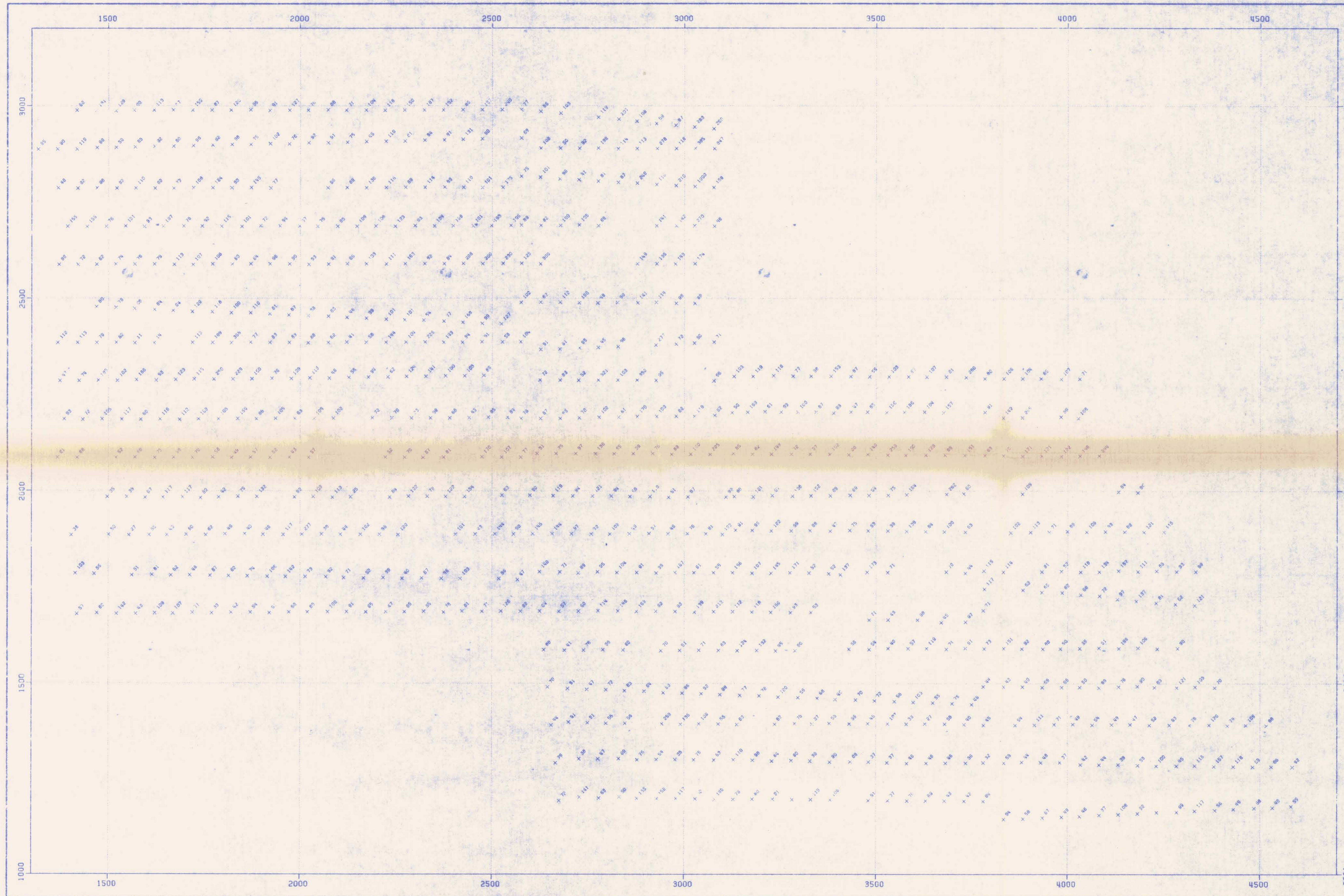


FIG. 5 ZN (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

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DATA PLOTTED ON THIS MAP:  
 FIELD FILE  
 X POINTS: ZN EQTY03\*KO-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN PS	FIG. 5 ZN (PPM) IN SOIL
DATE 84/11/27	
SCALE 1:5000	
No.	

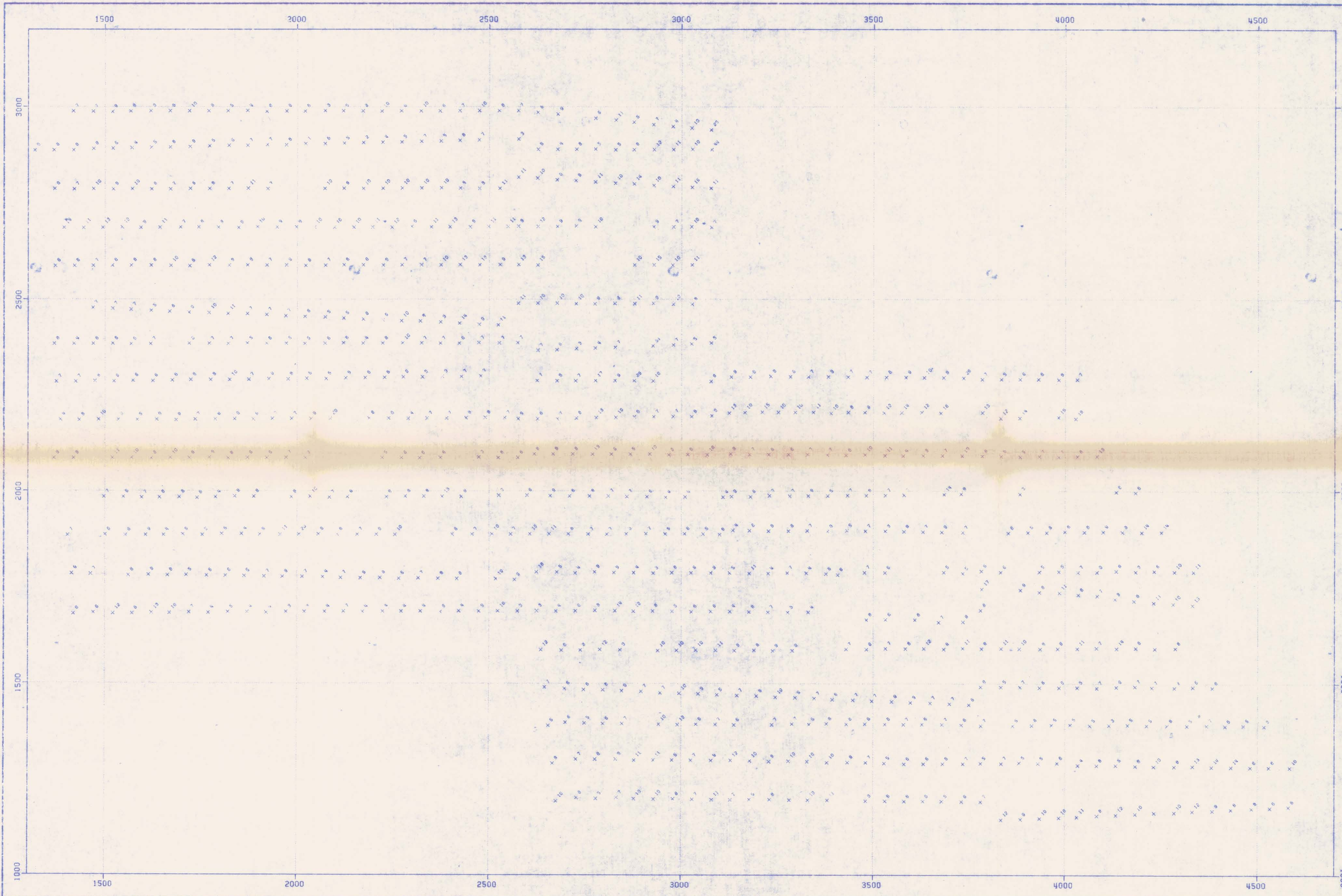


FIG. 6 PB (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

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DATA PLOTTED ON THIS MAP:  
 FIELD FILE  
 x POINTS: PB EQY103\*KD-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN PS		PLACER DEVELOPMENT LIMITED
DATE 84/11/27		FIG. 6 PB (PPM) IN SOIL
SCALE 1:5000		
		No.

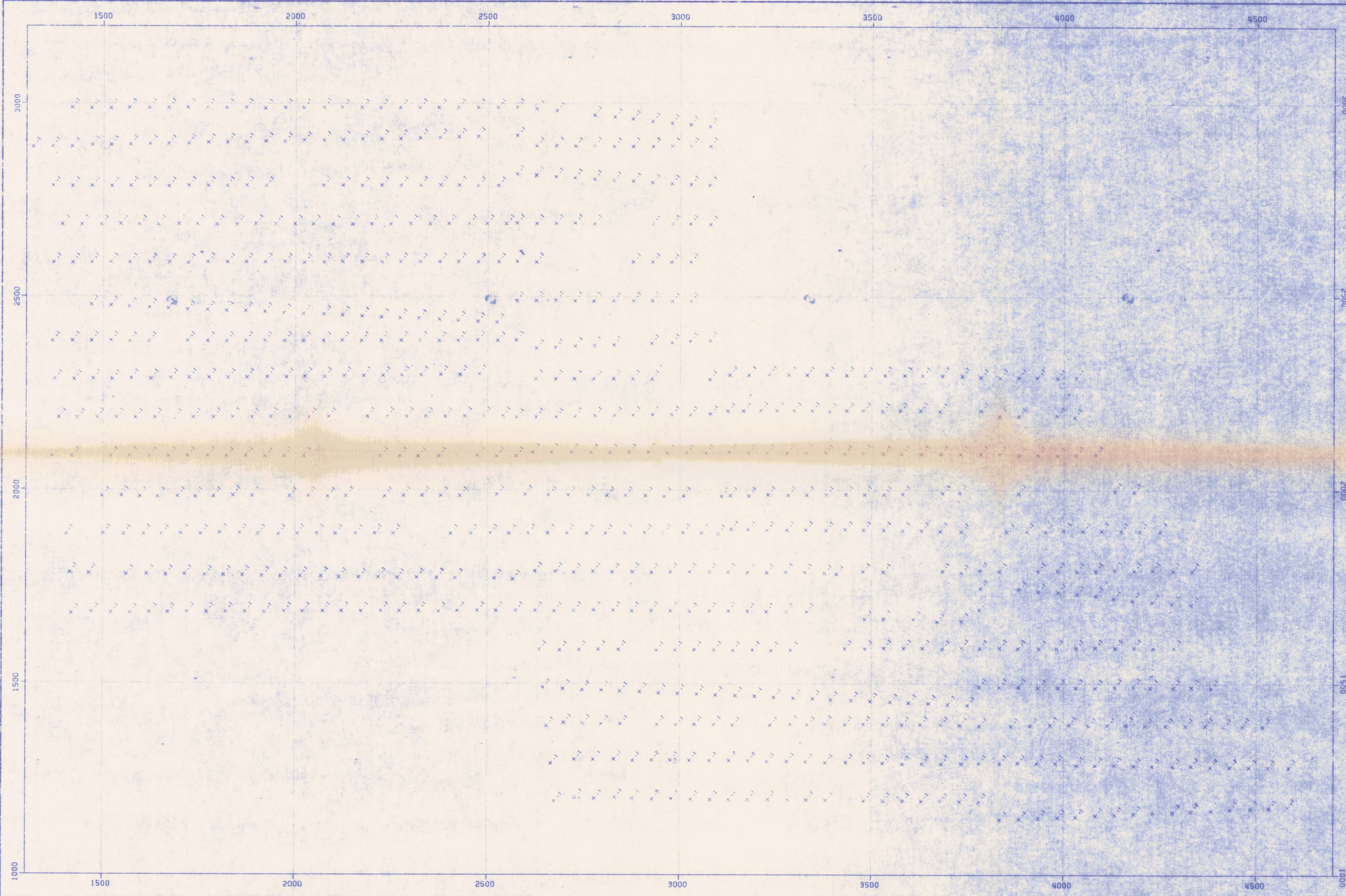


FIG. 7 AG (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

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DATA PLOTTED ON THIS MAP:  
 FIELD FILE  
 X POINTS: AG EQTY03\*KD-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN PS		FIG. 7 AG (PPM) IN SOIL	
DATE 04/11/27			
SCALE 1:5000			
		NO.	

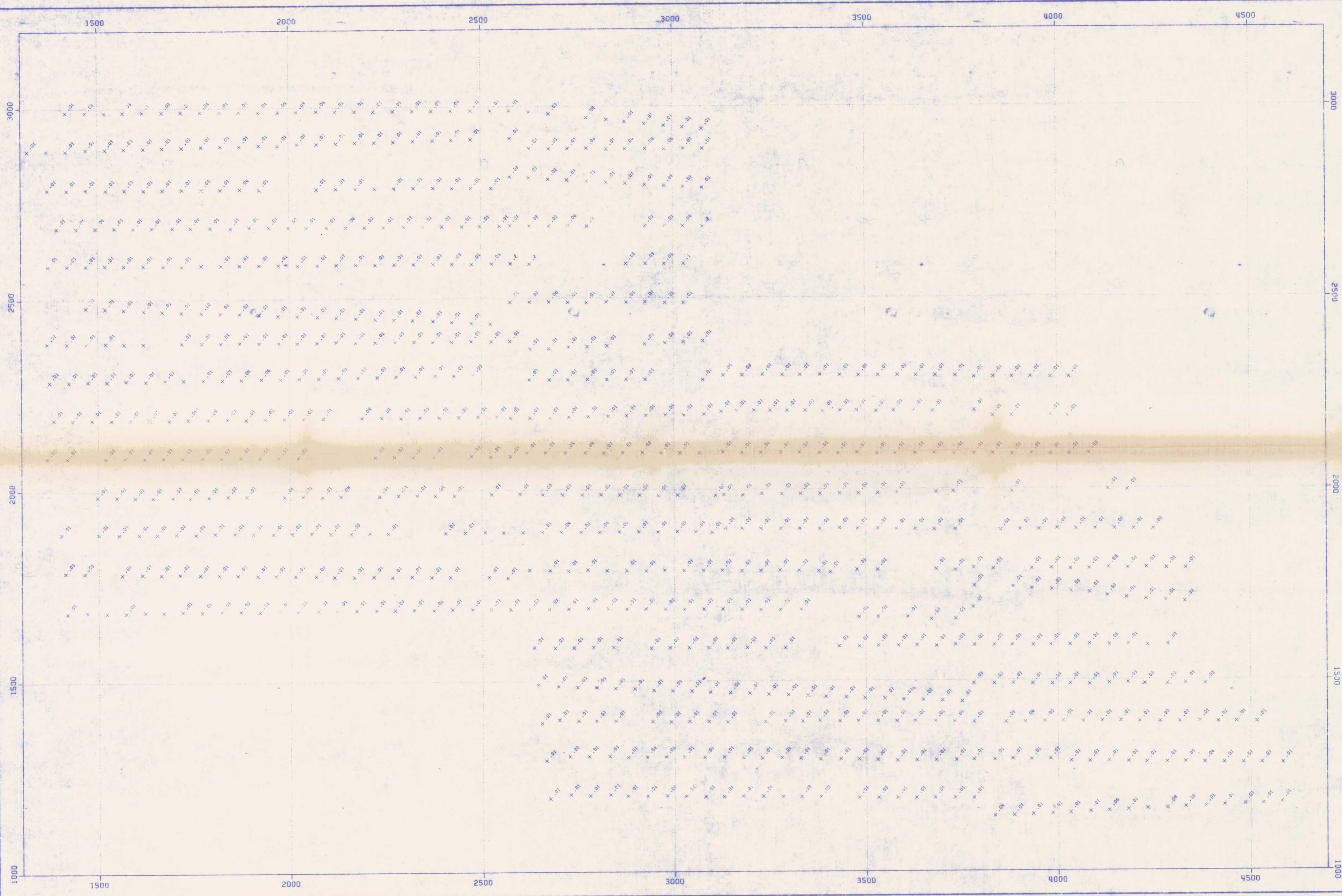


FIG. 8 AU (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

GEOLOGICAL BRANCH  
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DATA PLOTTED ON THIS MAP:

FIELD FILE  
 X POINTS: AU EQTY03-KD-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN PS	FIG. 8 AU (PPM) IN SOIL
DATE 84/11/27	
SCALE 1:5000	
NO.	

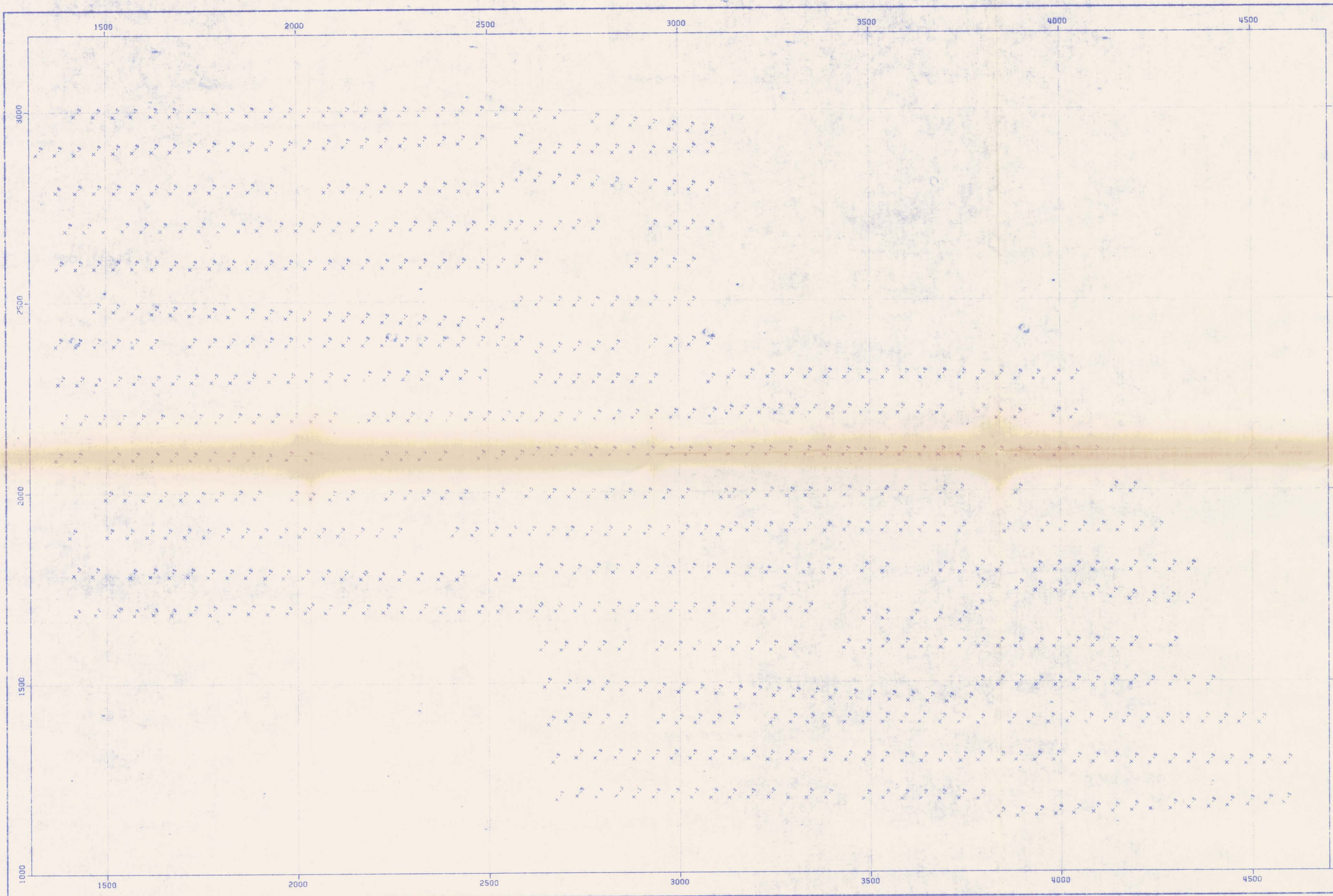


FIG. 9 AS (PPM) IN SOIL  
 EQUITY SILVER MINES LIMITED  
 KD CLAIMS  
 PARROTT LAKE AREA  
 1984 SOIL SAMPLE GRID

**GEOLOGICAL BRANCH  
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DATA PLOTTED ON THE MAP:

FIELD FILE  
 x POINTS: AS E0TY03\*KD-DAFS1.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN PS	FIG. 9 AS (PPM) IN SOIL
DATE 84/11/27	
SCALE 1:5000	
NO.	