

PTB SOIL STATS.

P0941

862565

```
r rrr
rr r
r
r
r
r
j
jjj
jjj
```

```
b
bb
bb
bb
bb
bb
bb
bb
bbb
```

```
pppppp
p p
p p
p p
pppppp
p
p
p
p
p
```

```
l
ll
l ll
ll
ll
ll
ll
ll
ll
ll
ll
```

```
4
44
4 4
4 4
4 4
4444444
4
```

```
l
ll
l ll
ll
ll
ll
ll
ll
ll
```

```
888888
8 8
8 8
888888
8 8
8 8
888888
```

```
r rrr
rr r
r
r
r
r
```

```
j
jjj
jjj
```

```
b
bb
bb
bb
bb
bb
bb
bbb
```

```
p ppp
pp p
pp p
pp p
pp p
pp p
pp p
p
```

```
d
ddd
ddd
ddd
ddd
ddd
ddd
```

```
l
ll
ll
ll
```

```
w w w
w w w
w w w
w w w
ww ww
ssss
s s s
ss
s s s
ssss
```

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6666
6
6
6 6666
66 6
6 6
66666
```

Job: P1418rjb  
Date: Mon Nov 30 14:45:05 1987

PLACER    DOME    INC.

Placer Data Analysis System - STATS

run on 87:11:30 at 14:17:48

Current directory: /placer1\_le/expl/plat/geochem

V217 PT BLONDE SOIL GEOCHEMISTRY

Summary of data from file : soils.utm

This data file contains an internal header: ( 5 records)

Data grouped into 15 fields  
with format: (1A5,2F6.0,2F10.0,5F8.1,1F8.2,2F8.1,2F8.2)

Character ID fields:  
LINE

Coordinate fields:  
GRDX GRDY UTMX UTM Y

Other data fields:  
CU    ZN    PB    NI    AG    AU    V    AS    PT    PD

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	N DATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION
CU	4000	0	2.00000	4050.00	70.6253	119.665	39.8809	14.3188 111.077
AG	4000	0	0.100000	9.00000	0.194872	0.287956	0.147560	0.796329e-01 0.273428
AU	3953	47	0.100000e-01	3.37000	0.151501e-01	0.718772e-01	0.107307e-01	0.711356e-02 0.161871e-01
PT	2761	1239	10.0000	160.000	10.4158	4.99110	10.1643	8.70145 11.8730
PD	2761	1239	5.00000	200.000	5.85730	8.52426	5.21341	3.90143 6.96658

HISTO:

V217 PT BLONDE SDIL GEOCHEMISTRY

RUN ON 87:11:30 AT 14:17:48

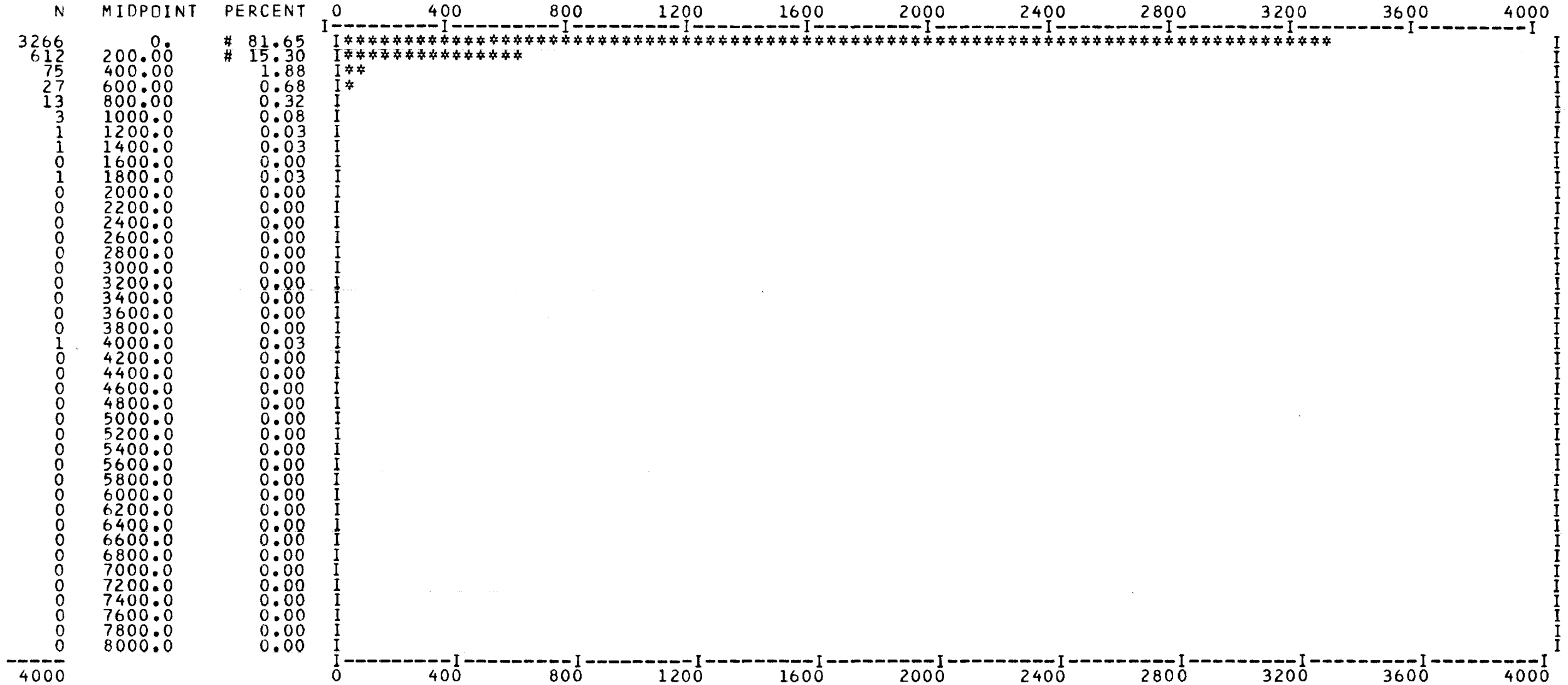
File: soils.utm Field name: CU LOG = 0 REPVAL = 0.00100

4000 SAMPLES WITH CU MINIMUM: 2.00000 MAXIMUM: 4050.00

4000 VALUES PLOTTED: 0 NOT IN RANGE 2.00000 to 4050.00

MEAN: 70.6253 STD. DEV.: 119.665

SCALE OF HISTOGRAM IS 40.00 COUNTS /PRINT POSITION # = 5,50,95%



File: soils.utm

Field name: CU

LOG = 1 REPVAL = 0.00100

4000 SAMPLES WITH CU

MINIMUM: 2.00000

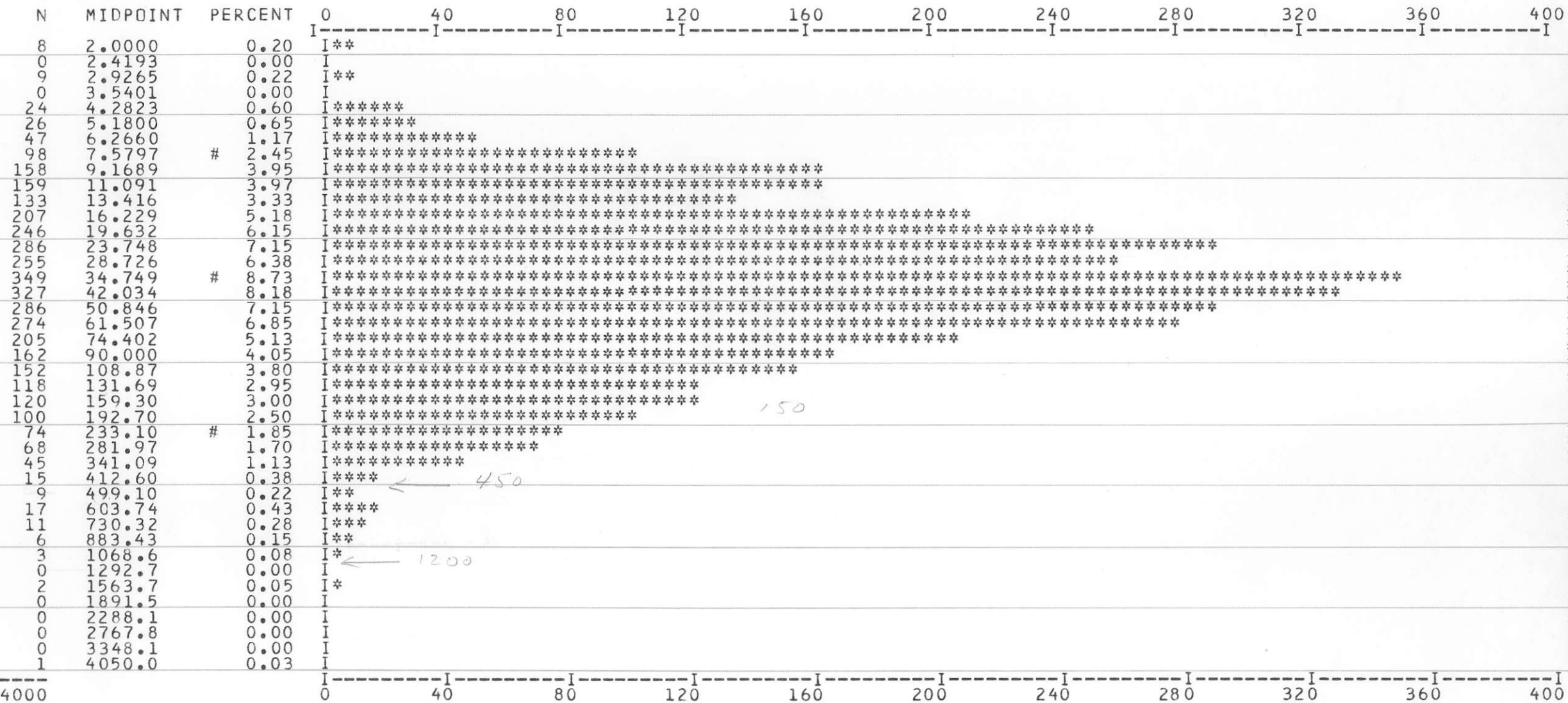
MAXIMUM: 4050.00

4000 VALUES PLOTTED:

0 NOT IN RANGE 2.00000 to 4050.00

GEOMETRIC MEAN: 39.8809 DISPERSION: 14.3188 111.077

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



150

450

1200

File: soils.utm

Field name: AG

LOG = 0 REPVAL = 0.00100

4000 SAMPLES WITH AG

MINIMUM: 0.100000

MAXIMUM: 9.00000

4000 VALUES PLOTTED:

0 NOT IN RANGE 0.100000 to 9.00000

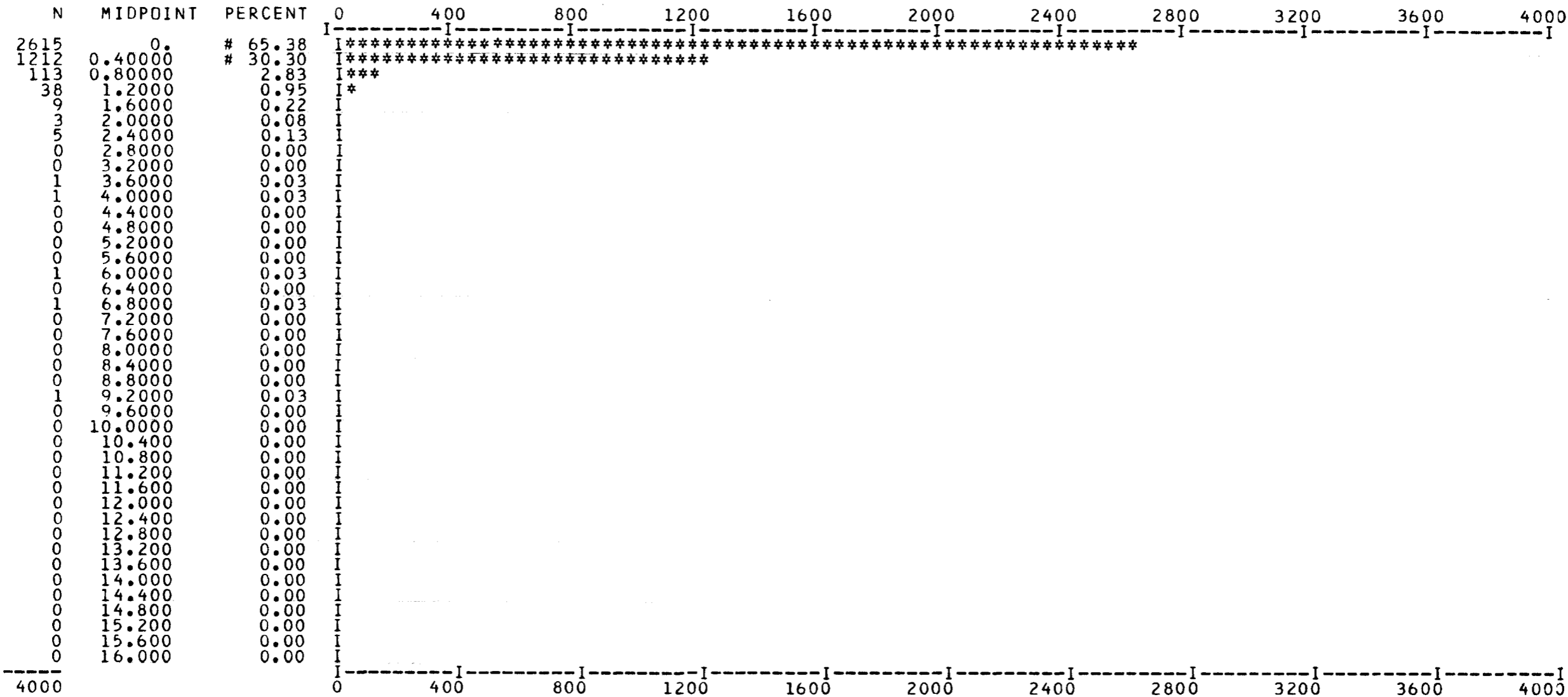
MEAN:

0.194872

STD. DEV.: 0.287956

SCALE OF HISTOGRAM IS

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



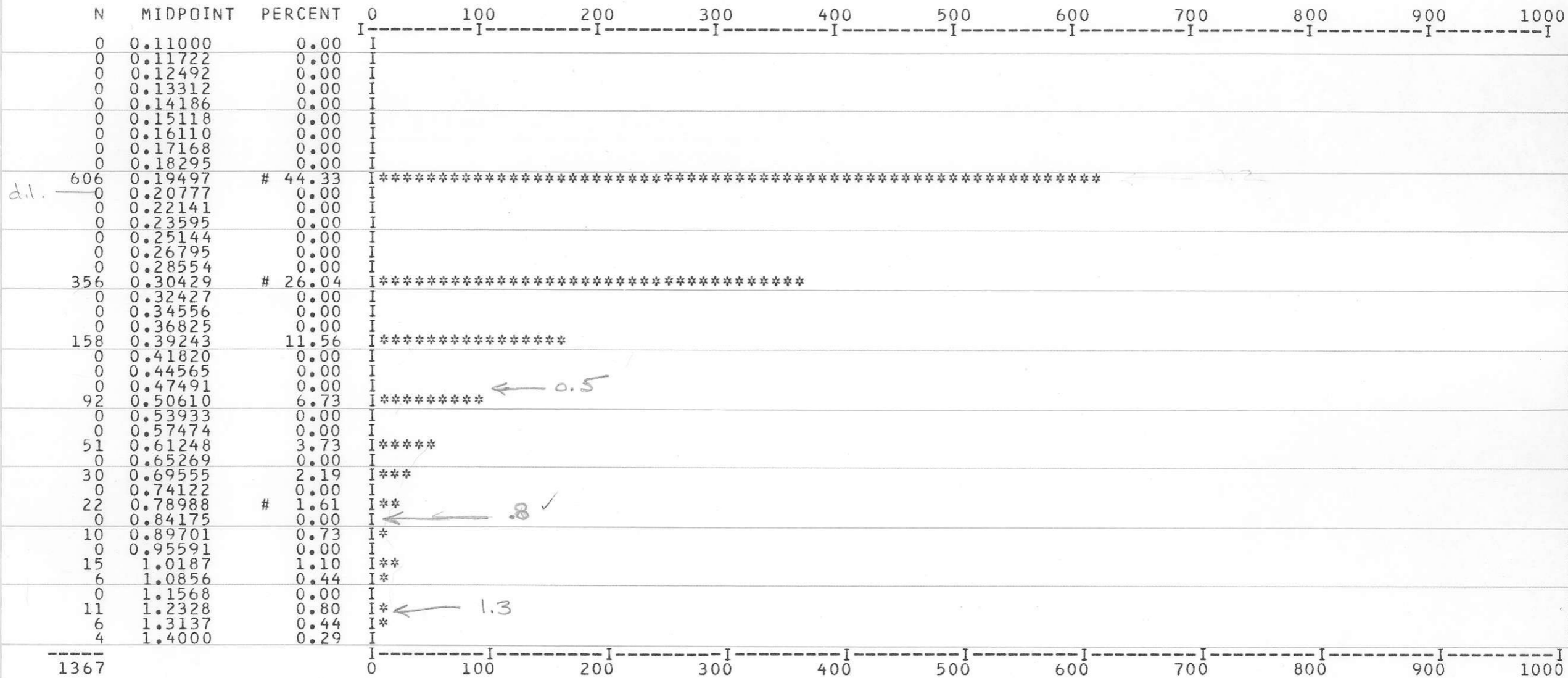
File: soils.utm Field name: AG LOG = 1 REPVAL = 0.00100

4000 SAMPLES WITH AG MINIMUM: 0.100000 MAXIMUM: 9.00000

1367 VALUES PLOTTED: 2633 NOT IN RANGE 0.110000 to 1.40000

GEOMETRIC MEAN: 0.299150 DISPERSION: 0.188505 0.474741

SCALE OF HISTOGRAM IS 10.00 COUNTS /PRINT POSITION # = 5,50,95%



File: soils.utm

Field name: AU

LOG = 0 REPVAL = 0.00100

3953 SAMPLES WITH AU

MINIMUM: 0.100000e-01

MAXIMUM: 3.37000

3953 VALUES PLOTTED:

0 NOT IN RANGE 0.100000e-01 to 3.37000

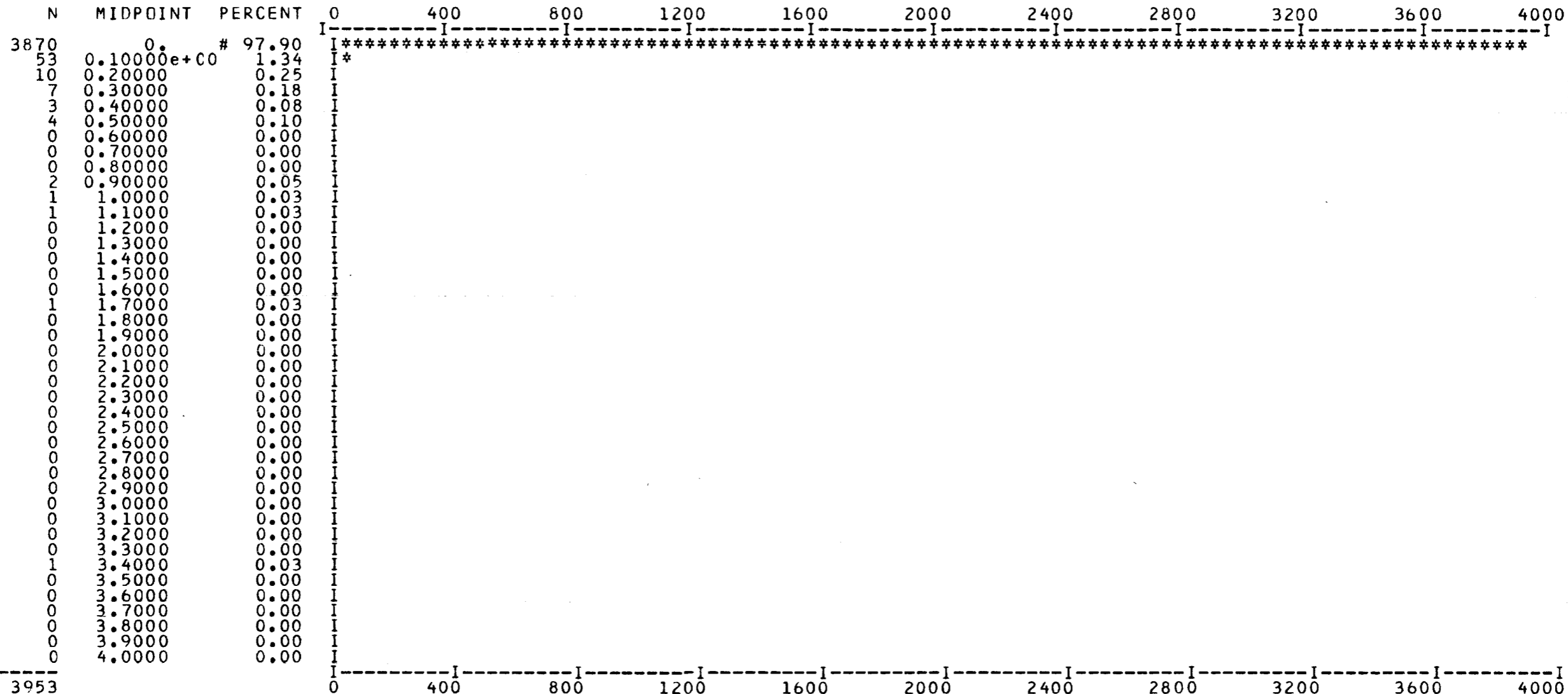
MEAN:

0.151501e-01

STD. DEV.: 0.718772e-01

SCALE OF HISTOGRAM IS

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



3953

File: soils.utm

Field name: AU

LOG = 1 REPVAL = 0.00100

3953 SAMPLES WITH AU

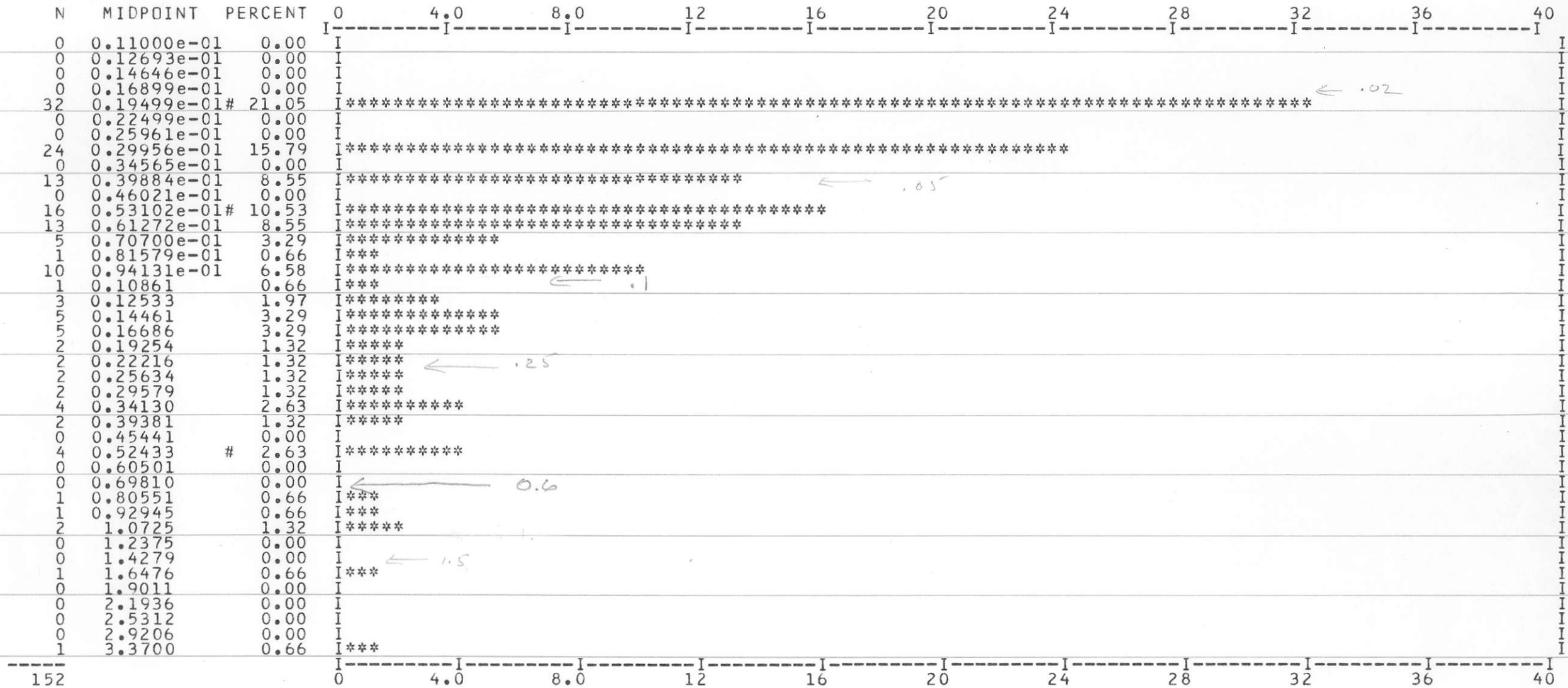
MINIMUM: 0.100000e-01

MAXIMUM: 3.37000

152 VALUES PLOTTED: 3801 NOT IN RANGE 0.110000e-01 to 3.37000

GEOMETRIC MEAN: 0.625888e-01 DISPERSION: 0.212525e-010.184325

SCALE OF HISTOGRAM IS 0.40 COUNTS /PRINT POSITION # = 5,50,95%





File: soils.utm

Field name: PT

LOG = 0 REPVAL = 0.00100

2761 SAMPLES WITH PT

MINIMUM: 10.0000

MAXIMUM: 160.000

2761 VALUES PLOTTED:

0 NOT IN RANGE 10.0000 to 160.000

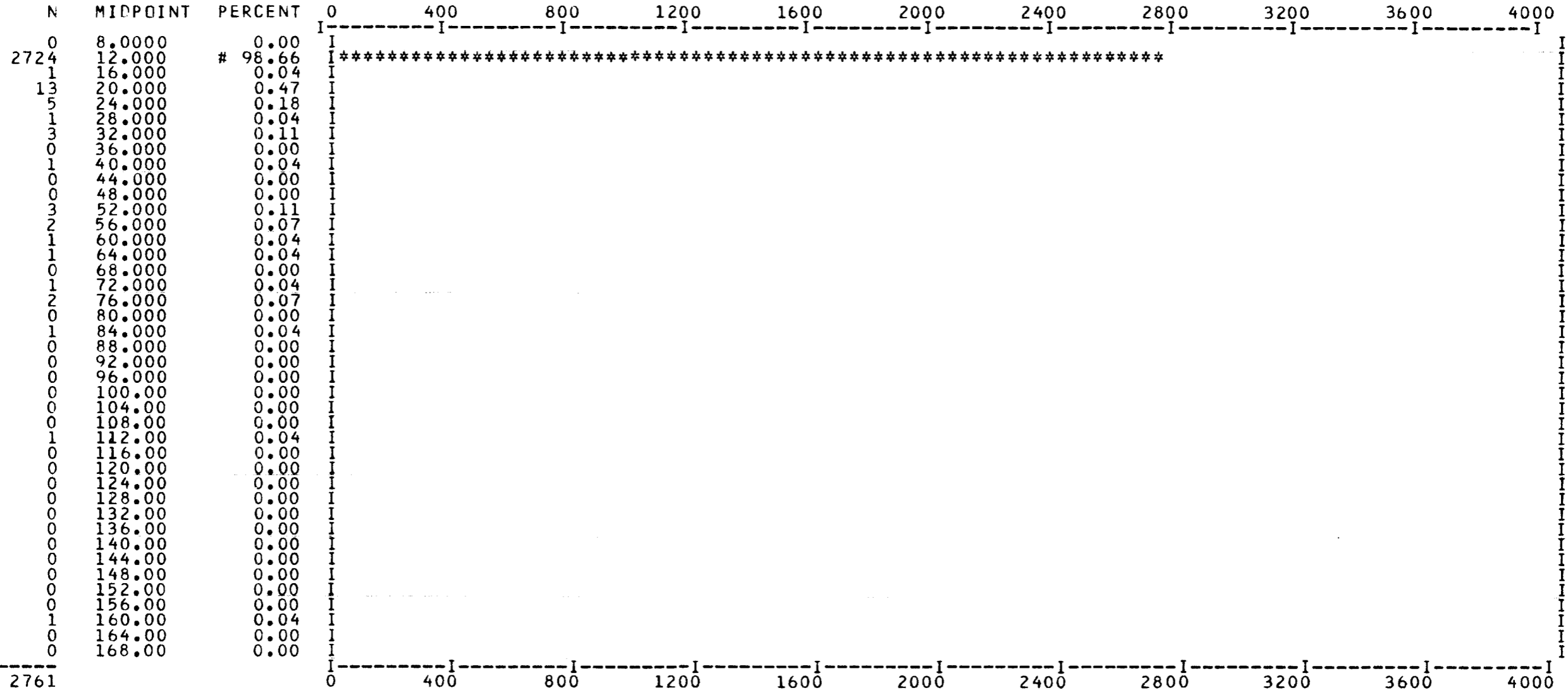
MEAN:

10.4158

STD. DEV.: 4.99110

SCALE OF HISTOGRAM IS

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



2761

HISTO:

V217 PT BLONDE SOIL GEOCHEMISTRY

RUN ON 87:11:30 AT 14:17:48

File: soils.utm

Field name: PT

LOG = 1 REPVAL = 0.00100

2761 SAMPLES WITH PT

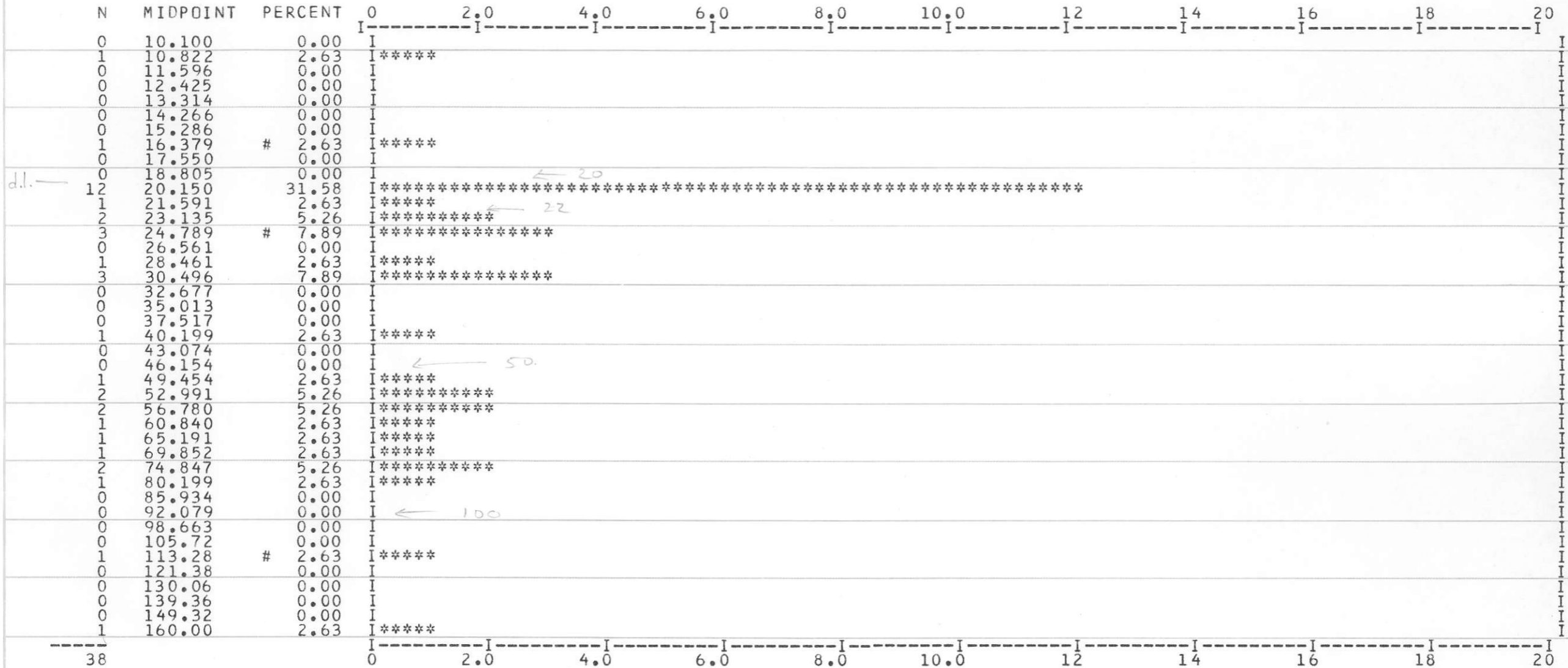
MINIMUM: 10.0000

MAXIMUM: 160.000

38 VALUES PLOTTED: 2723 NOT IN RANGE 10.1000 to 160.000

GEOMETRIC MEAN: 32.6652 DISPERSION: 17.6067 60.6029

SCALE OF HISTOGRAM IS 0.20 COUNTS /PRINT POSITION # = 5,50,95%





CORMAT: RUN ON 87:11:30 AT 14:17:48

Data from file: soils.utm

V217 PT BLONDE SOIL GEOCHEMISTRY

Correlation matrix for 4000 records with 5 variables

LOG:	CU 1	AG 1	AU 1	PT 1	PD 1
CU	1.000	0.276	0.029	0.031	0.123
AG	0.276	1.000	0.083	0.012	0.094
AU	0.029	0.083	1.000	-0.004	0.021
PT	0.031	0.012	-0.004	1.000	0.582
PD	0.123	0.094	0.021	0.582	1.000

Number of data pairs contributing to correlation

	CU	AG	AU	PT	PD
CU	4000	4000	3953	2761	2761
AG	4000	4000	3953	2761	2761
AU	3953	3953	3953	2761	2761
PT	2761	2761	2761	2761	2761
PD	2761	2761	2761	2761	2761

CORMAT: RUN ON 87:11:30 AT 14:17:48

Data from file: soils.utm

V217 PT BLONDE SOIL GEOCHEMISTRY

Correlation matrix for 4000 records with 5 variables

LOG:	CU 0	AG 0	AU 0	PT 0	PD 0
CU	1.000	0.216	0.037	0.028	0.086
AG	0.216	1.000	0.102	0.001	0.076
AU	0.037	0.102	1.000	-0.004	-0.003
PT	0.028	0.001	-0.004	1.000	0.688
PD	0.086	0.076	-0.003	0.688	1.000

Number of data pairs contributing to correlation

	CU	AG	AU	PT	PD
CU	4000	4000	3953	2761	2761
AG	4000	4000	3953	2761	2761
AU	3953	3953	3953	2761	2761
PT	2761	2761	2761	2761	2761
PD	2761	2761	2761	2761	2761