

PLACER DOME INC.

862646

Placer Data Analysis System - STATS

run on 89:03:27 at 11:53:16

SPRING PROJECT, BULK SEDIMENT SAMPLES, -35 TO +100 FRACTION

Summary of data from file : bulksecd

This data file contains an internal header: (5 records)
 Data grouped into 12 fields
 with format: (A8,1X,A4,1X,A1,2X,A7,F7.1,F6.0,F6.2,4F6.0,F6.1)

Character ID fields:
 LAB SAMP FRAC SIZE

Coordinate fields:

Other data fields:
 % WT AU AG CU PB ZN AS SB

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
% WT	15	0	29.3000	51.0000	38.8867	6.08980	38.4604	33.0225 44.7939
AU	15	0	10.0000	110.000	34.6667	26.8904	28.3640	15.3362 52.4587
AG	15	0	.500000E-01	.300000	.103333	.812111E-01	.815448E-01	.415867E-01 .159896
CU	15	0	16.0000	36.0000	22.6000	5.22084	22.0935	17.8010 27.4212
PB	15	0	3.00000	40.0000	12.2000	12.0309	8.51997	3.70001 19.6189
ZN	15	0	22.0000	182.000	63.6000	40.0425	55.0377	32.0769 94.4340
AS	15	0	2.00000	16.0000	14.2000	3.50917	13.1471	7.77719 22.2247
SB	15	0	.100000	.200000	.160000	.507092E-01	.151572	.106652 .215411

File: bulksedc

Field name: AU

LOG = 0 REPVAL =

.00100

15 SAMPLES WITH AU

MINIMUM: 10.0000

MAXIMUM: 110.000

15 VALUES PLOTTED:

0 NOT IN RANGE 10.0000 to 110.000

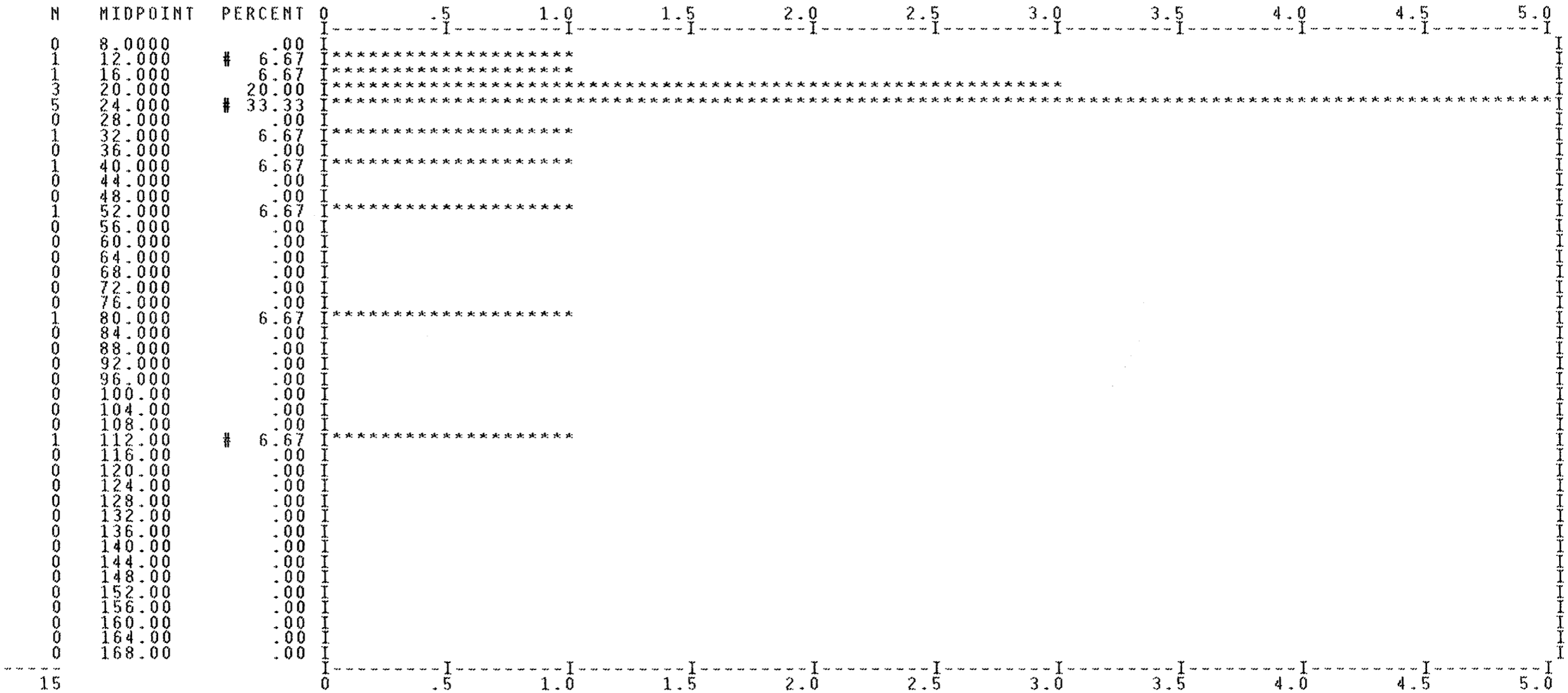
MEAN:

34.6667

STD. DEV.: 26.8904

SCALE OF HISTOGRAM IS

.05 COUNTS /PRINT POSITION # = 5,50,95%



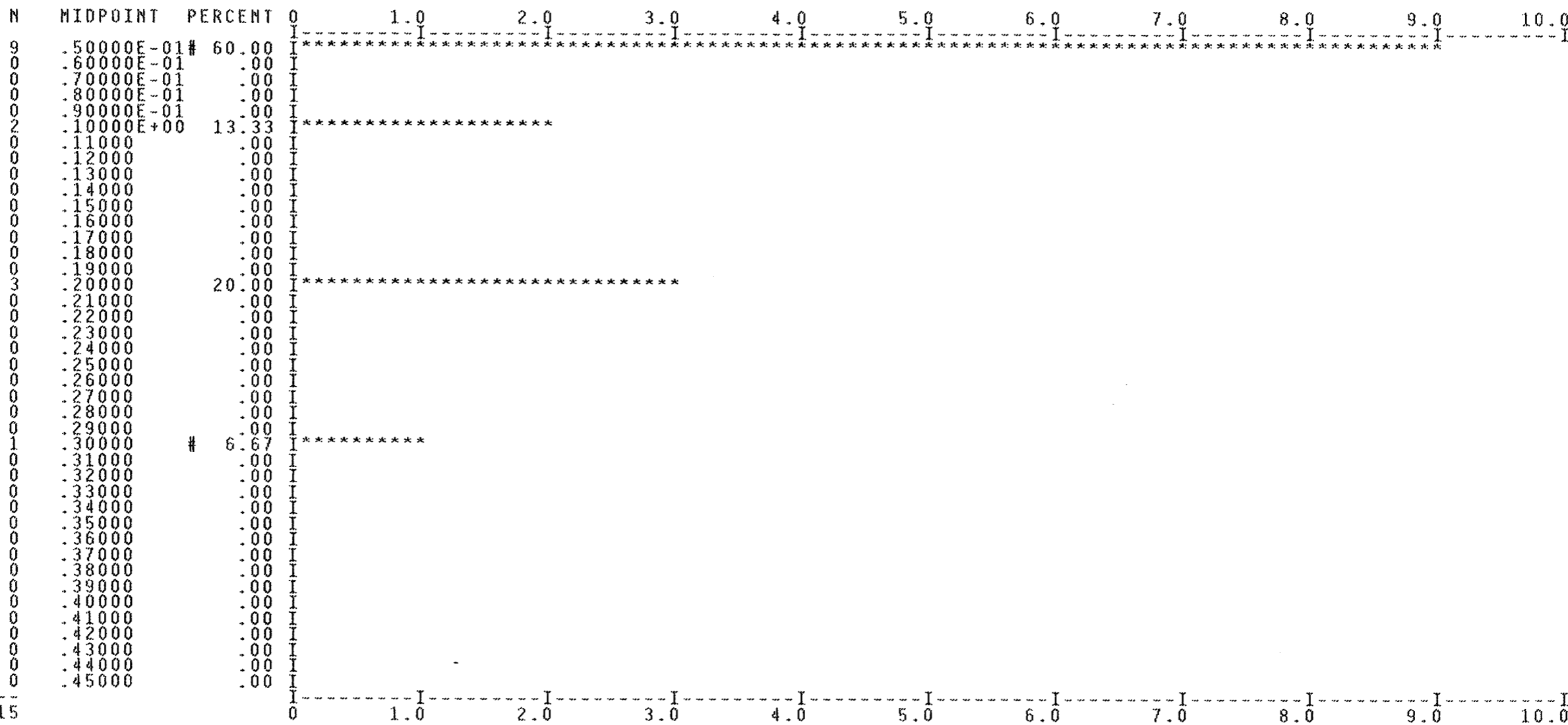
File: bulksedc Field name: AG LOG = 0 REPVAL = .00100

15 SAMPLES WITH AG MINIMUM: .500000E-01 MAXIMUM: .300000

15 VALUES PLOTTED: 0 NOT IN RANGE .500000E-01 to .300000

MEAN: .103333 STD. DEV.: .812111E-01

SCALE OF HISTOGRAM IS .10 COUNTS /PRINT POSITION # = 5,50,95%



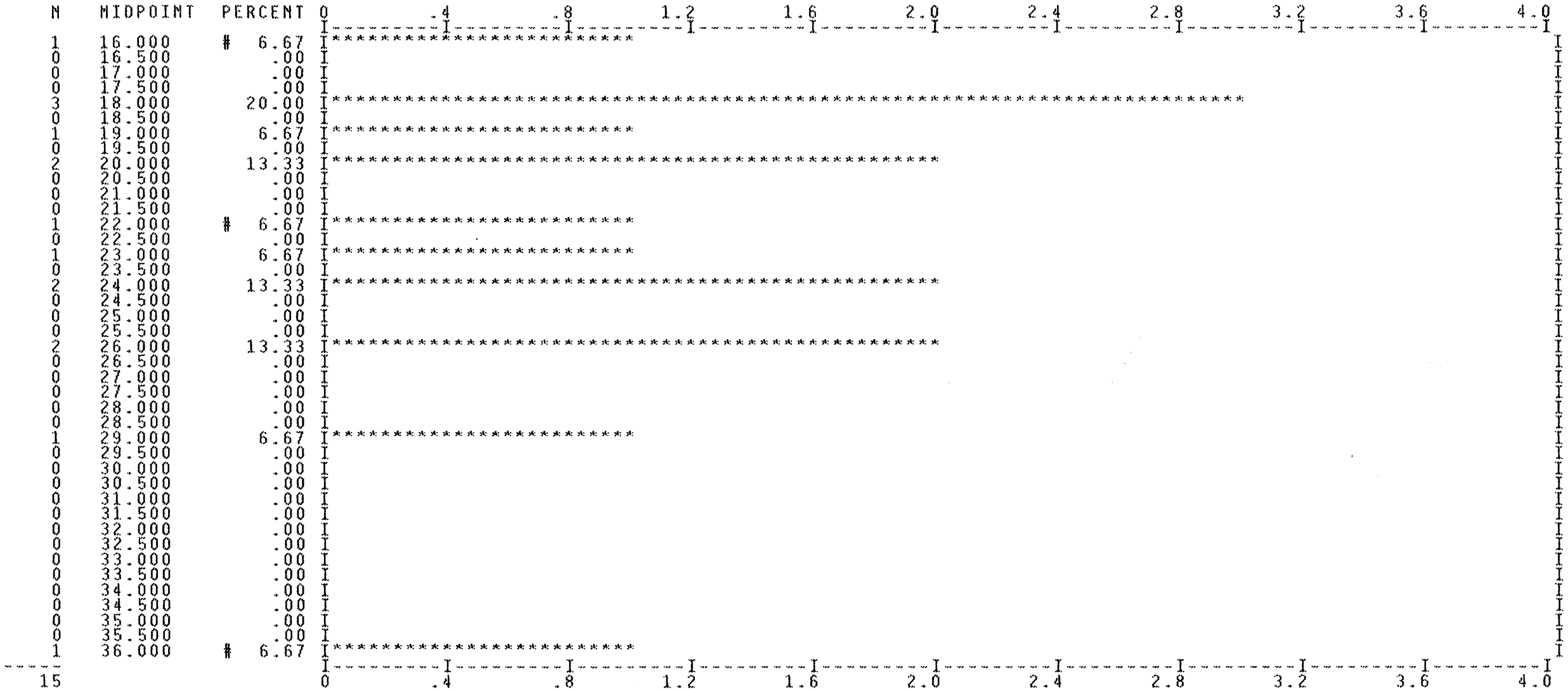
File: bulksedc Field name: CU LOG = 0 REPVAL = .00100

15 SAMPLES WITH CU MINIMUM: 16.0000 MAXIMUM: 36.0000

15 VALUES PLOTTED: 0 NOT IN RANGE 16.0000 to 36.0000

MEAN: 22.6000 STD. DEV.: 5.22084

SCALE OF HISTOGRAM IS .04 COUNTS /PRINT POSITION # = 5,50,95%



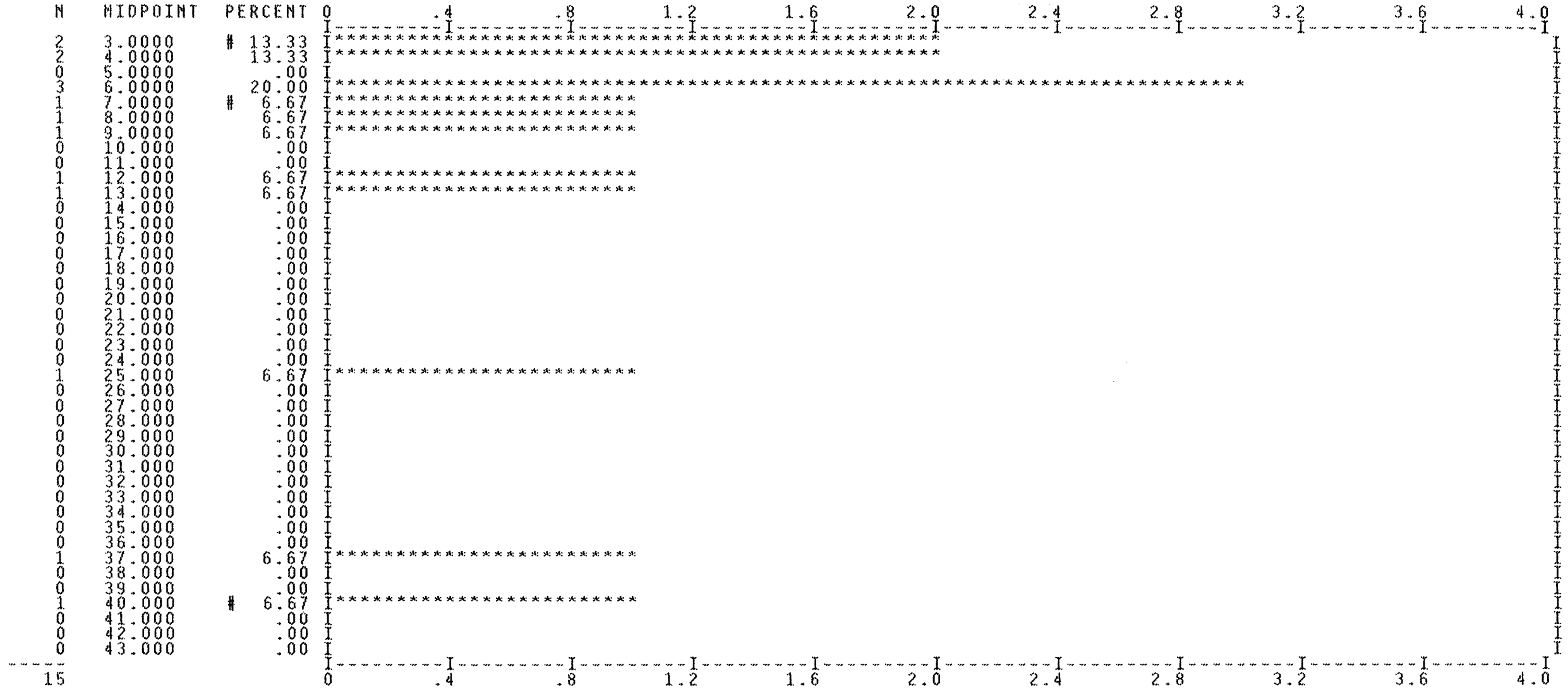
File: bulksedc Field name: PB LOG = 0 REPVAL = .00100

15 SAMPLES WITH PB MINIMUM: 3.00000 MAXIMUM: 40.0000

15 VALUES PLOTTED: 0 NOT IN RANGE 3.00000 to 40.0000

MEAN: 12.2000 STD. DEV.: 12.0309

SCALE OF HISTOGRAM IS .04 COUNTS /PRINT POSITION # = 5,50,95%



File: bulksedc

Field name: AS

LOG = 0

REPVAL =

.00100

15 SAMPLES WITH AS

MINIMUM: 2.00000

MAXIMUM: 16.0000

15 VALUES PLOTTED:

0 NOT IN RANGE 2.00000 to 16.0000

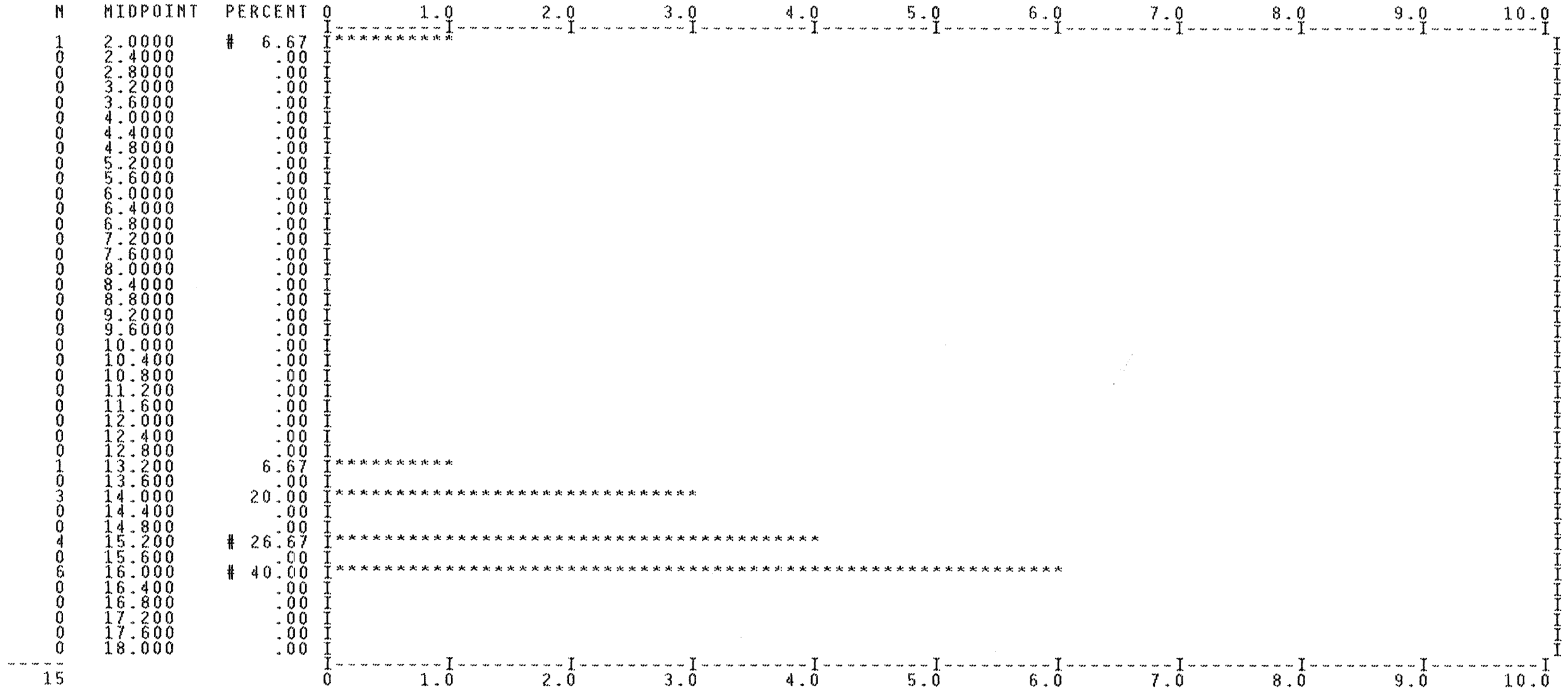
MEAN:

14.2000

STD. DEV.: 3.50917

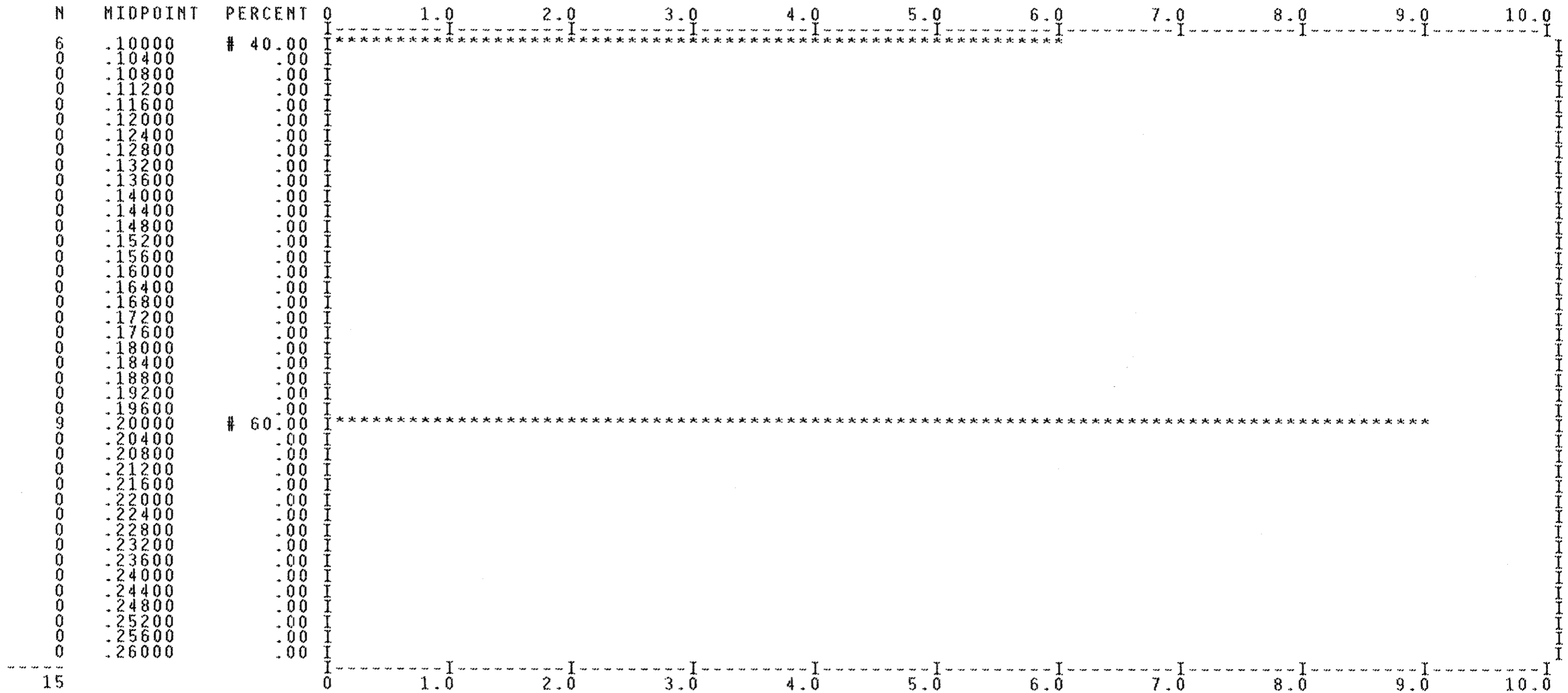
SCALE OF HISTOGRAM IS

.10 COUNTS /PRINT POSITION # = 5,50,95%



15

File: bulksecd Field name: SB LOG = 0 REPVAL = .00100
 15 SAMPLES WITH SB MINIMUM: .100000 MAXIMUM: .200000
 15 VALUES PLOTTED: 0 NOT IN RANGE .100000 to .200000
 MEAN: .160000 STD. DEV.: .507092E-01
 SCALE OF HISTOGRAM IS .10 COUNTS /PRINT POSITION # = 5,50,95%



PLACER DOME INC.

Placer Data Analysis System - STATS

run on 89:03:27 at 12:10:03

SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

Summary of data from file : bulksedf

This data file contains an internal header: (5 records)
 Data grouped into 12 fields
 with format: (A8,1X,A4,1X,A1,2X,A7,F7.1,F6.0,F6.2,4F6.0,F6.1)

Character ID fields:
 LAB SAMP FRAC SIZE

Coordinate fields:

Other data fields:
 % WT AU AG CU PB ZN AS SB

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
% WT	15	0	3.30000	21.3000	7.90000	5.23900	6.67812	3.75714 11.8700
AU	15	0	15.0000	330.000	49.3333	78.3733	32.6260	15.8699 67.0738
AG	15	0	.500000E-01	.400000	.150000	.133631	.105555	.452254E-01 .246363
CU	15	0	34.0000	69.0000	48.9333	10.3886	47.9388	38.9047 59.0706
PB	15	0	9.00000	83.0000	24.1333	21.3637	18.5104	9.18509 37.3035
ZN	15	0	57.0000	378.000	123.467	89.0994	105.212	61.7723 179.201
AS	15	0	5.00000	25.0000	16.2000	3.94968	15.5418	11.0826 21.7951
SB	15	0	.100000	.200000	.193333	.258197E-01	.190968	.159674 .228396

HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

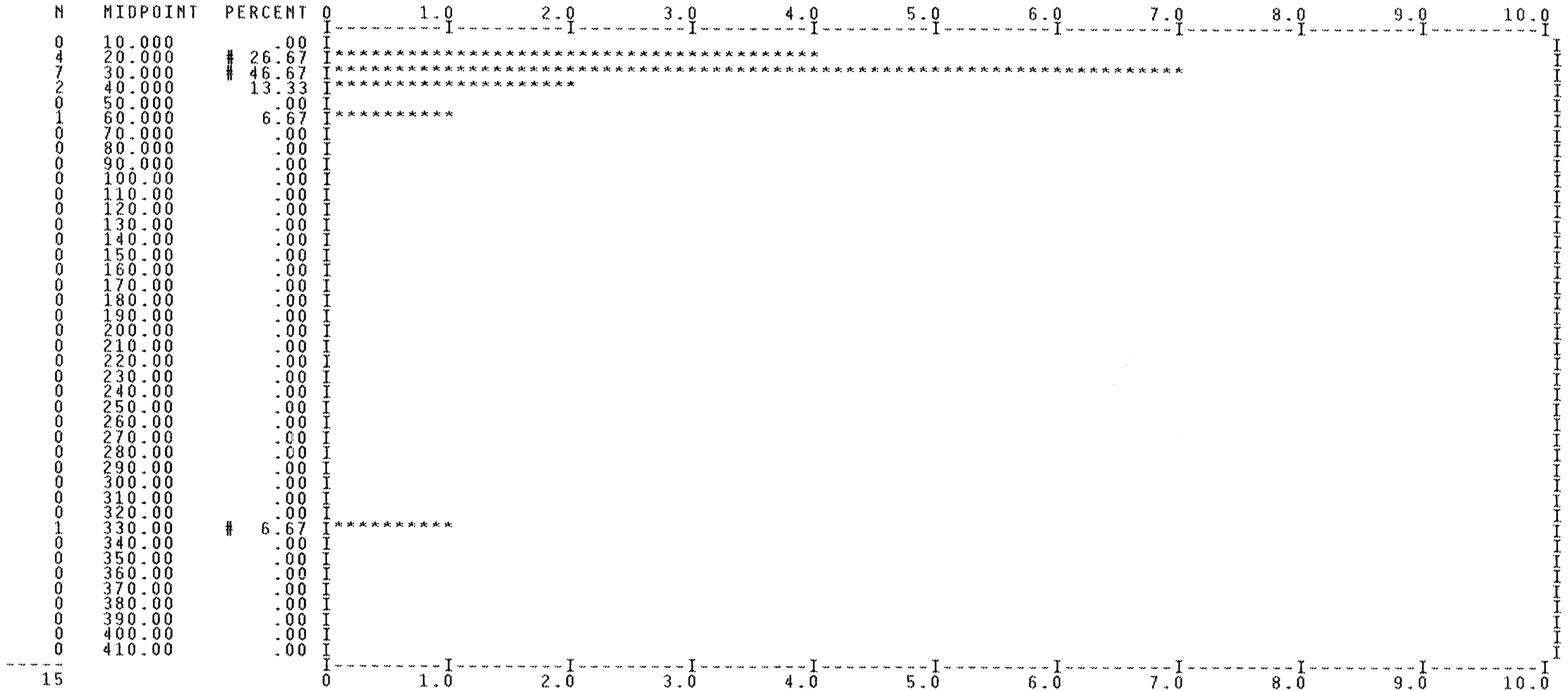
File: bulksef Field name: AU LOG = 0 REPVAL = .00100

15 SAMPLES WITH AU MINIMUM: 15.0000 MAXIMUM: 330.000

15 VALUES PLOTTED: 0 NOT IN RANGE 15.0000 to 330.000

MEAN: 49.3333 STD. DEV.: 78.3733

SCALE OF HISTOGRAM IS .10 COUNTS /PRINT POSITION # = 5,50,95%



HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

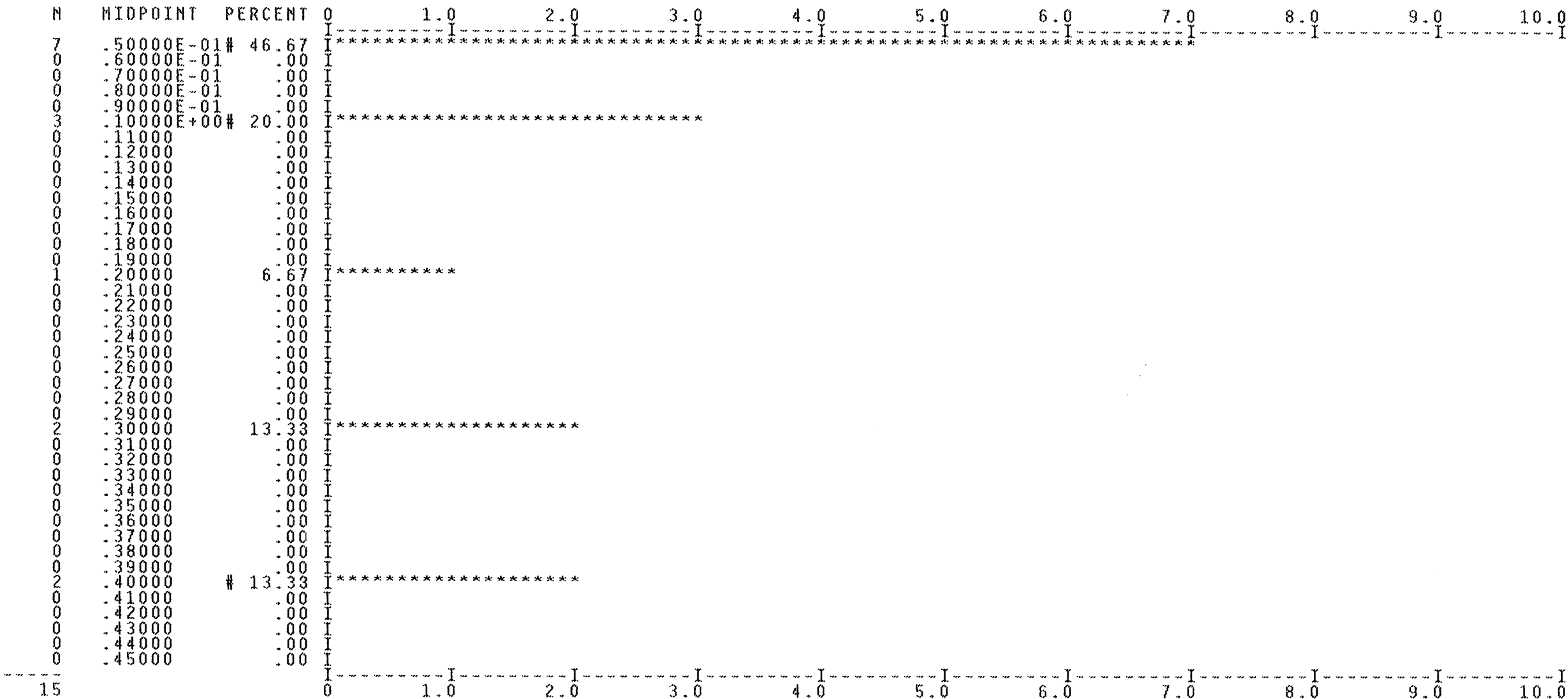
File: bulksedf Field name: AG LOG = 0 REPVAL = .00100

15 SAMPLES WITH AG MINIMUM: .500000E-01 MAXIMUM: .400000

15 VALUES PLOTTED: 0 NOT IN RANGE .500000E-01 to .400000

MEAN: .150000 STD. DEV.: .133631

SCALE OF HISTOGRAM IS .10 COUNTS /PRINT POSITION # = 5,50,95%



HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

File: bulksedf

Field name: CU

LOG = 0

REPVAL =

.00100

15 SAMPLES WITH CU

MINIMUM: 34.0000

MAXIMUM: 69.0000

15 VALUES PLOTTED:

0 NOT IN RANGE 34.0000 to 69.0000

MEAN:

48.9333

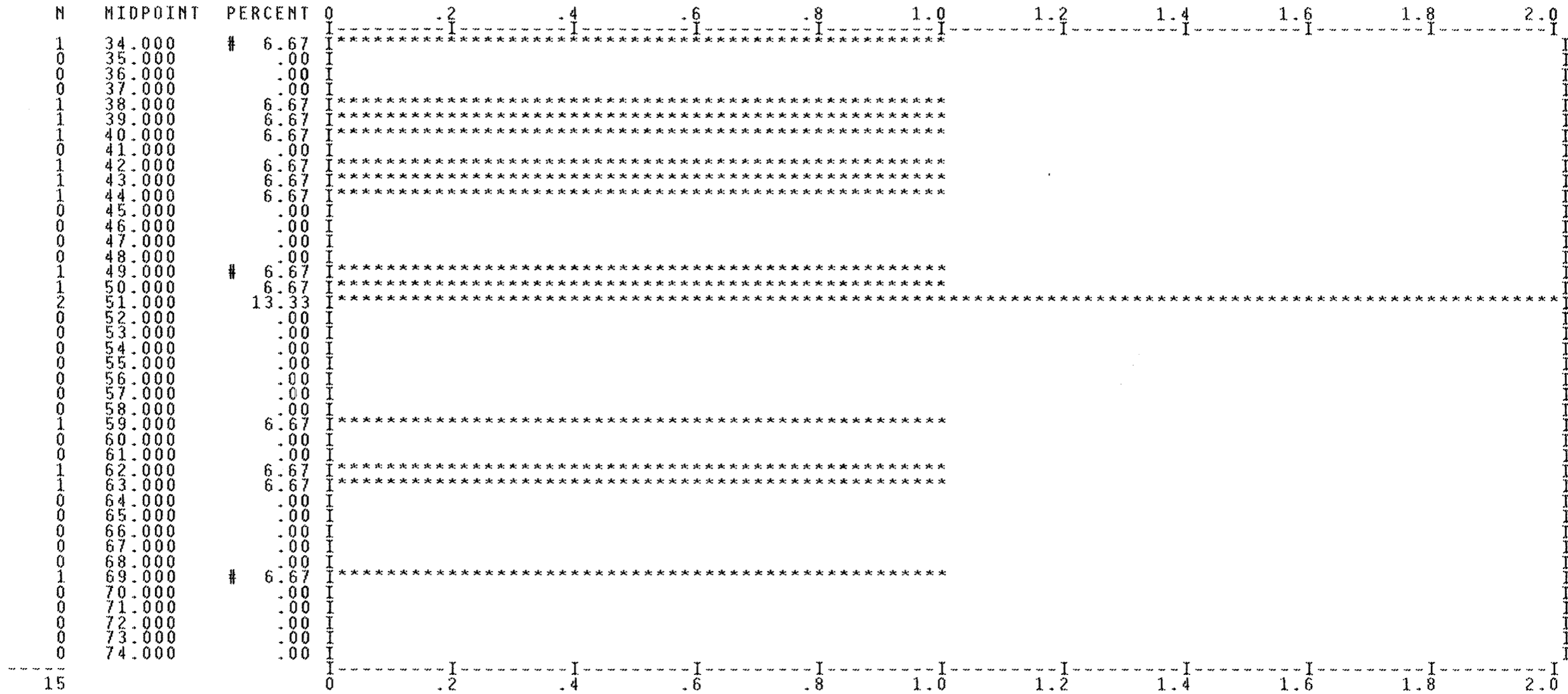
STD. DEV.:

10.3886

SCALE OF HISTOGRAM IS

.02 COUNTS /PRINT POSITION

= 5,50,95%



HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

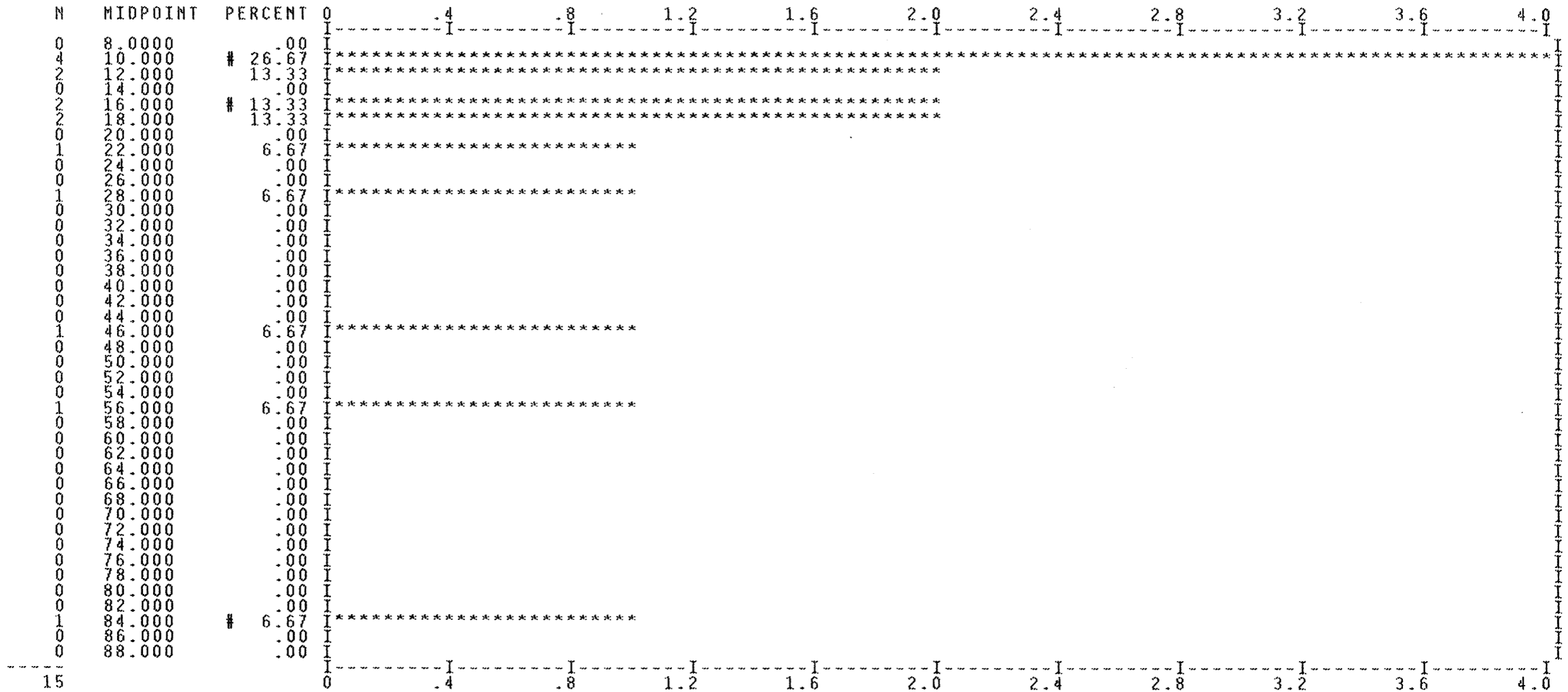
File: bulksef Field name: PB LOG = 0 REPVAL = .00100

15 SAMPLES WITH PB MINIMUM: 9.00000 MAXIMUM: 83.0000

15 VALUES PLOTTED: 0 NOT IN RANGE 9.00000 to 83.0000

MEAN: 24.1333 STD. DEV.: 21.3637

SCALE OF HISTOGRAM IS .04 COUNTS /PRINT POSITION # = 5,50,95%



15

HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

File: bulksedf

Field name: ZN

LOG = 0

REPVAL =

.00100

15 SAMPLES WITH ZN

MINIMUM: 57.0000

MAXIMUM: 378.000

15 VALUES PLOTTED:

0 NOT IN RANGE

57.0000

to 378.000

MEAN:

123.467

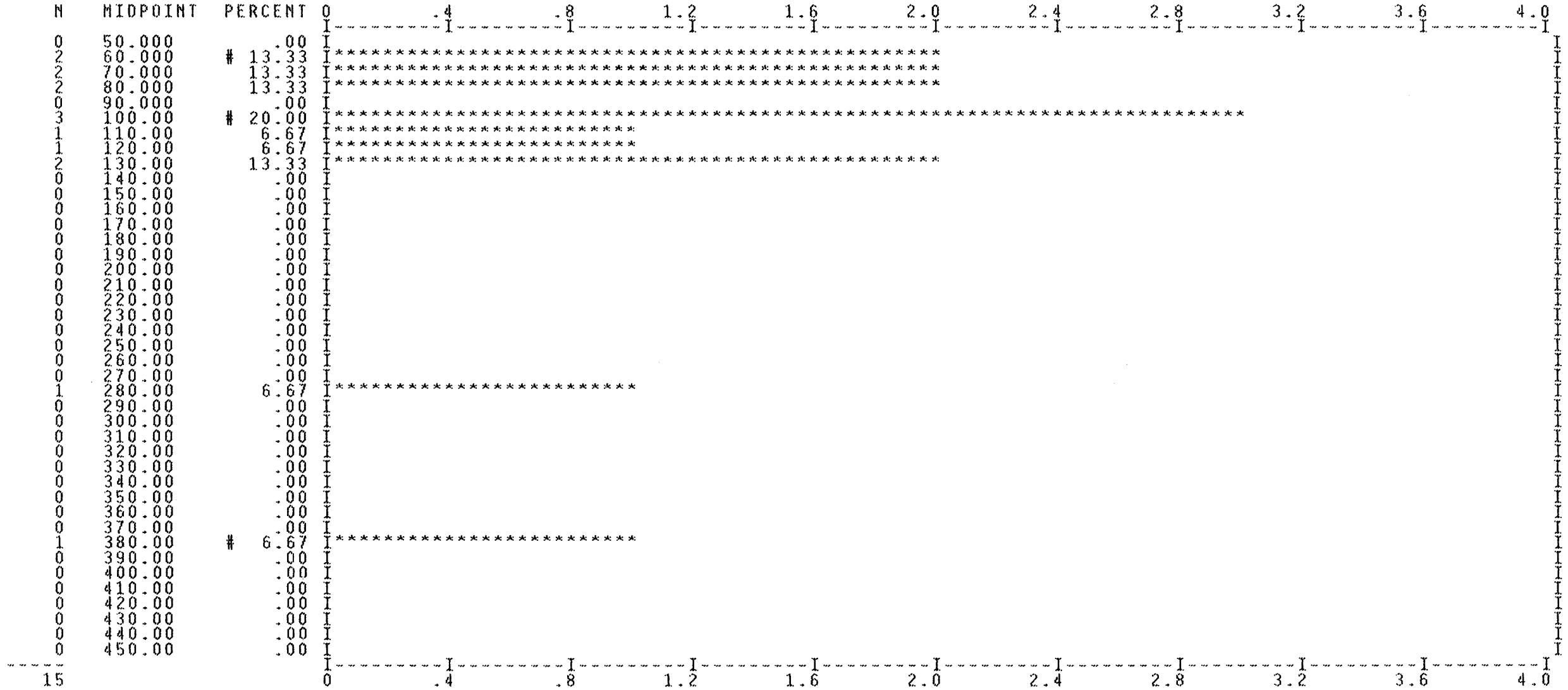
STD. DEV.:

89.0994

SCALE OF HISTOGRAM IS

.04 COUNTS /PRINT POSITION

= 5,50,95%



HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

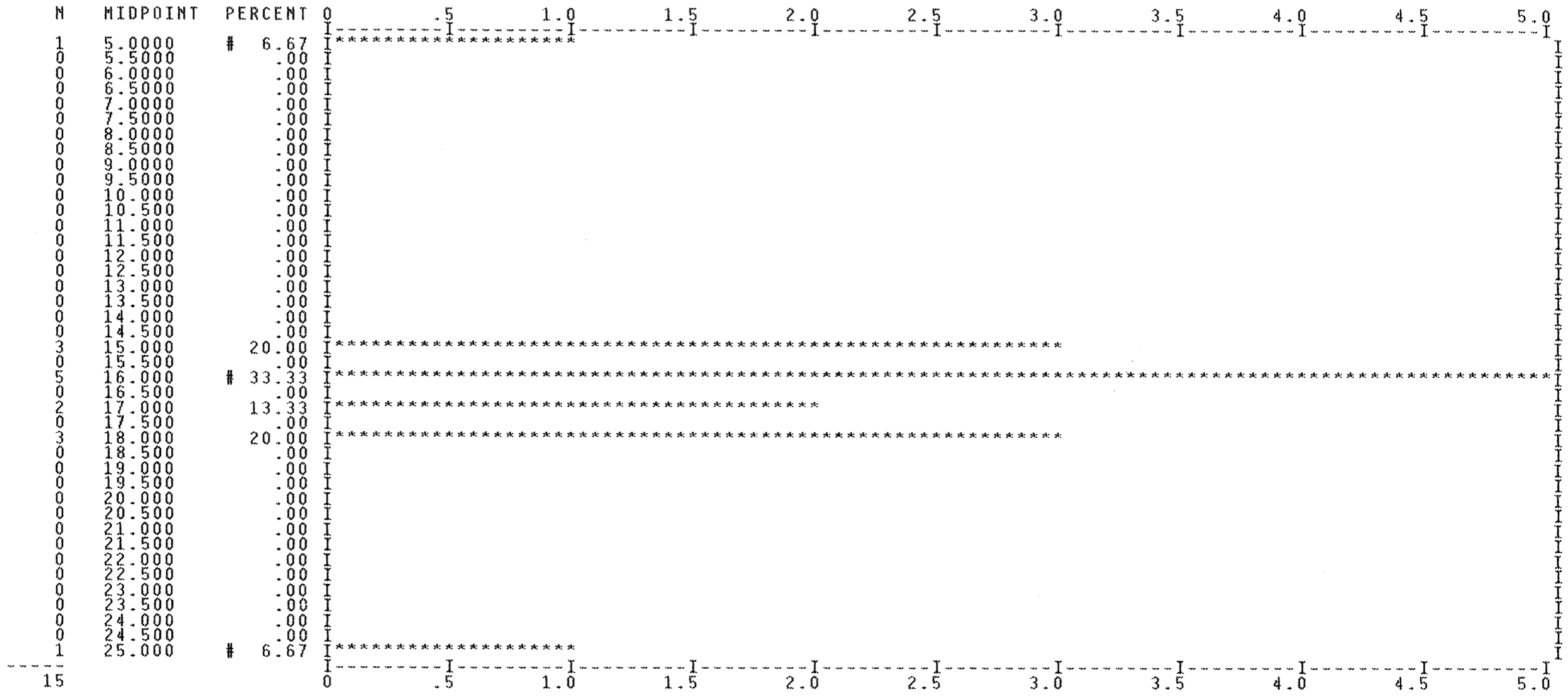
File: bulksef Field name: AS LOG = 0 REPVAL = .00100

15 SAMPLES WITH AS MINIMUM: 5.00000 MAXIMUM: 25.0000

15 VALUES PLOTTED: 0 NOT IN RANGE 5.00000 to 25.0000

MEAN: 16.2000 STD. DEV.: 3.94968

SCALE OF HISTOGRAM IS .05 COUNTS /PRINT POSITION # = 5,50,95%



15

HISTO: SPRING PROJECT, BULK SEDIMENT SAMPLES, -100 FRACTION

RUN ON 89:03:27 AT 12:10:03

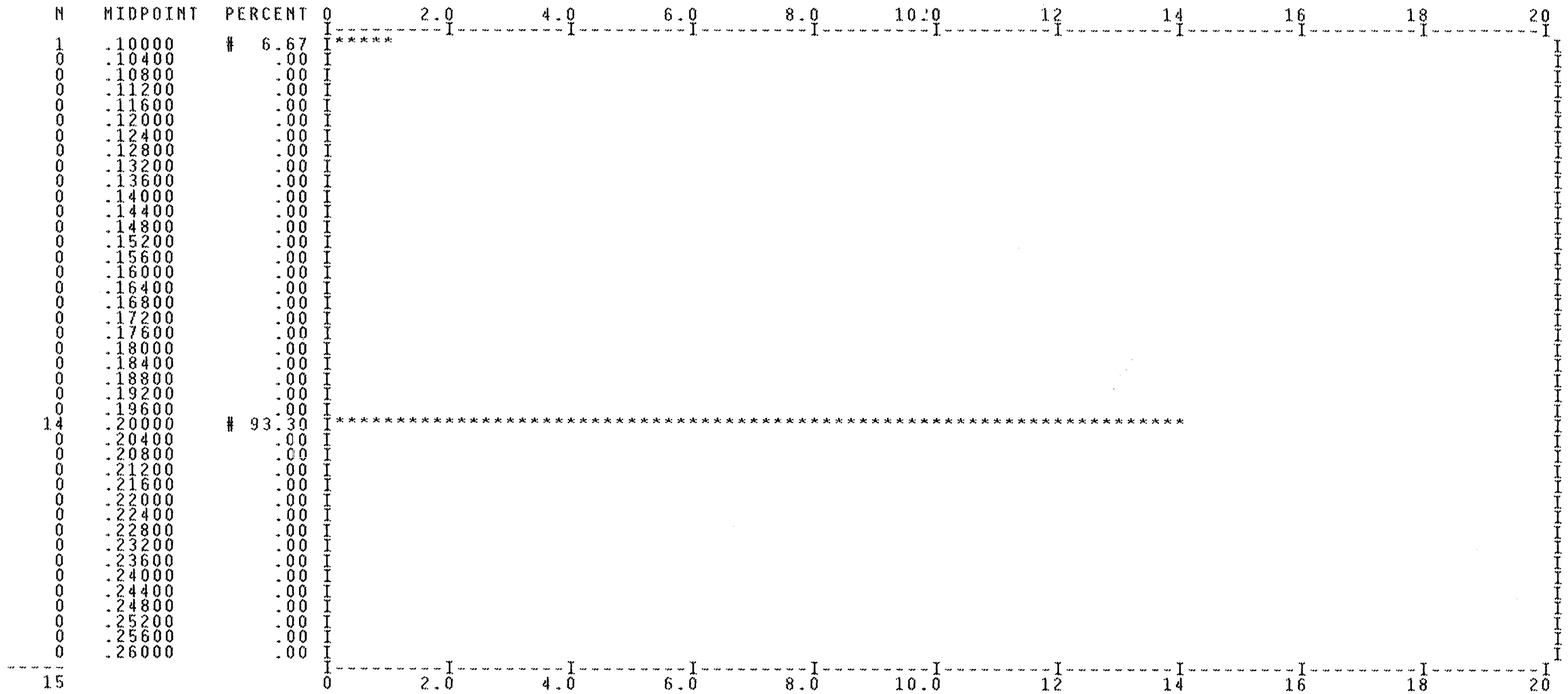
File: bulksef Field name: SB LOG = 0 REPVAL = .00100

15 SAMPLES WITH SB MINIMUM: .100000 MAXIMUM: .200000

15 VALUES PLOTTED: 0 NOT IN RANGE .100000 to .200000

MEAN: .193333 STD. DEV.: .258197E-01

SCALE OF HISTOGRAM IS .20 COUNTS /PRINT POSITION # = 5,50,95%



Spring Lab	Project	Size	Bulk	Sediment	Ag	Cu	Pb	Zn	As	Sb				
5622	1x	3	1	1	1	1	1	1	1	1	12	64	16	.2
5622	1x	4	1	1	1	1	1	1	1	1	28	126	18	.2
5622	1x	7	1	1	1	1	1	1	1	1	6	65	15	.2
5622	10	3	1	1	1	1	1	1	1	1	12	115	15	.2
5622	13	3	1	1	1	1	1	1	1	1	4	37	16	.1
5622	16	3	1	1	1	1	1	1	1	1	9	65	17	.2
5622	19	3	1	1	1	1	1	1	1	1	4	30	15	.1
5622	22	3	1	1	1	1	1	1	1	1	9	57	25	.2
5622	25	3	1	1	1	1	1	1	1	1	25	182	16	.1
5622	28	3	1	1	1	1	1	1	1	1	56	378	17	.2
5622	31	3	1	1	1	1	1	1	1	1	3	22	14	.2
5622	34	3	1	1	1	1	1	1	1	1	18	67	18	.2
5622	37	3	1	1	1	1	1	1	1	1	37	117	15	.1
5622	40	3	1	1	1	1	1	1	1	1	83	284	16	.2
6533	1	3	1	1	1	1	1	1	1	1	13	71	2	.1
6533	4	3	1	1	1	1	1	1	1	1	21	97	5	.1
5622	43	3	1	1	1	1	1	1	1	1	9	50	14	.1
5622	46	3	1	1	1	1	1	1	1	1	18	98	15	.2
5622	49	3	1	1	1	1	1	1	1	1	7	60	16	.2
5622	52	3	1	1	1	1	1	1	1	1	10	101	16	.2
5622	55	3	1	1	1	1	1	1	1	1	8	50	16	.2
5622	58	3	1	1	1	1	1	1	1	1	15	80	16	.2
5622	61	3	1	1	1	1	1	1	1	1	3	27	14	.2
5622	64	3	1	1	1	1	1	1	1	1	12	60	16	.2
5622	67	3	1	1	1	1	1	1	1	1	40	70	16	.2
5622	70	3	1	1	1	1	1	1	1	1	46	84	18	.2
5622	73	3	1	1	1	1	1	1	1	1	6	58	13	.2
5622	76	3	1	1	1	1	1	1	1	1	9	128	15	.2
5622	79	3	1	1	1	1	1	1	1	1	6	51	15	.2
5622	82	3	1	1	1	1	1	1	1	1	16	112	16	.2

C
 Au - Pb ✓
 Au - As
 Ag - Pb ✓
 Ag - Zn ✓
 Cu - As
 Pb - Zn ✓

Ag - Pb - Zn

~~Au - Pb~~
~~Au - As~~

Silts
 2110 → Pb, Zn (3)
 2112 → Cu (2)

(4) 2109 60 Au F
 (3) 2115 50 Au C
 (1) ← 2106 110 Au C

	C	F
Au	50	50
Ag	-	-
Cu	-	-
Pb	-	50
Zn	-	200
As	-	-
Sb	-	-

Interp.
 → samples → follow-up.
 → results → disappointing. 2106 }
 2116 } more gold.
 → gold common - 35 msh