

PC-XPLOR VERSION 1.22 ***
 Exploration Data Manager ***
 By GENCOM SERVICES INC.

GRUM DRILLHOLE DATABASE

CURRAGH RESOURCE
 20:19:33 Serial no: 2032
 8/ 4/90 Page :

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\205NIAPB.MEX
 DATA DESCRIPTION : Pb COMPS. R.C.20 (INT.CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : RC20 INT. CENTER Pb SCENARIO 1A

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
 MAXIMUM CUTOFF VALUE : 6.659
 TOTAL NUMBER OF SAMPLES USED : 1279

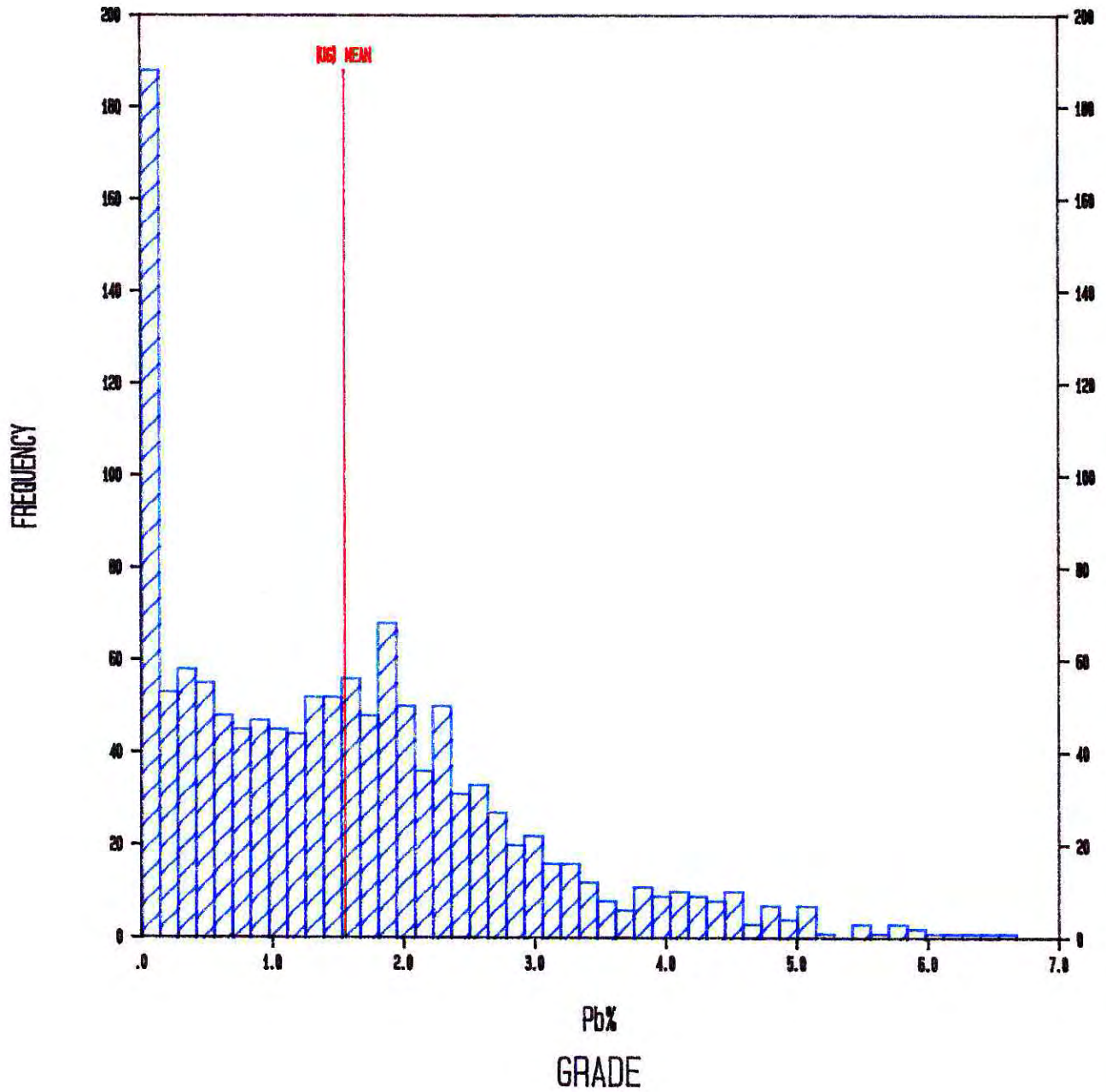
MINIMUM HISTOGRAM VALUE : .000
 MAXIMUM HISTOGRAM VALUE : 6.659
 CLASS INTERVAL : .139

MINIMUM POPULATION DATA POINT : .000
 MAXIMUM POPULATION DATA POINT : 6.659
 TOTAL POPULATION : 1280

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1279	
ARITHMETIC MEAN	1.5511	1.5580
MEDIAN		1.4020
GEOMETRIC MEAN	.5336	.8963
NATURAL LOG MEAN	-.6281	-.1095
STANDARD DEVIATION	1.2853	1.2795
VARIANCE	1.6520	1.6371
COEFFICIENT OF VARIATION	.8286	.8213
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1.6520	1.6371
MOMENT 3 ABOUT ARITHMETIC MEAN	2.0258	2.0466
MOMENT 4 ABOUT ARITHMETIC MEAN	10.3198	10.2199
MOMENT COEFFICIENT OF SKEWNESS	.9541	.9770
MOMENT COEFFICIENT OF KURTOSIS	3.7816	3.8131

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Pb COMPOSITES - SCENARIO 1A
 ROCK CODE 20 - INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE - 08-04-90
 TIME - 18:27:17

GEMCOM Services Inc.
 Vancouver Office

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\20SN1AZN.MEX
 DATA DESCRIPTION : Zn COMPS. R.C.20 (INT. CENTER) LNTH WT'D SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : RC 20 INT CENTER Zn SCENARIO 1A

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
 MAXIMUM CUTOFF VALUE : 11.708
 TOTAL NUMBER OF SAMPLES USED : 1280

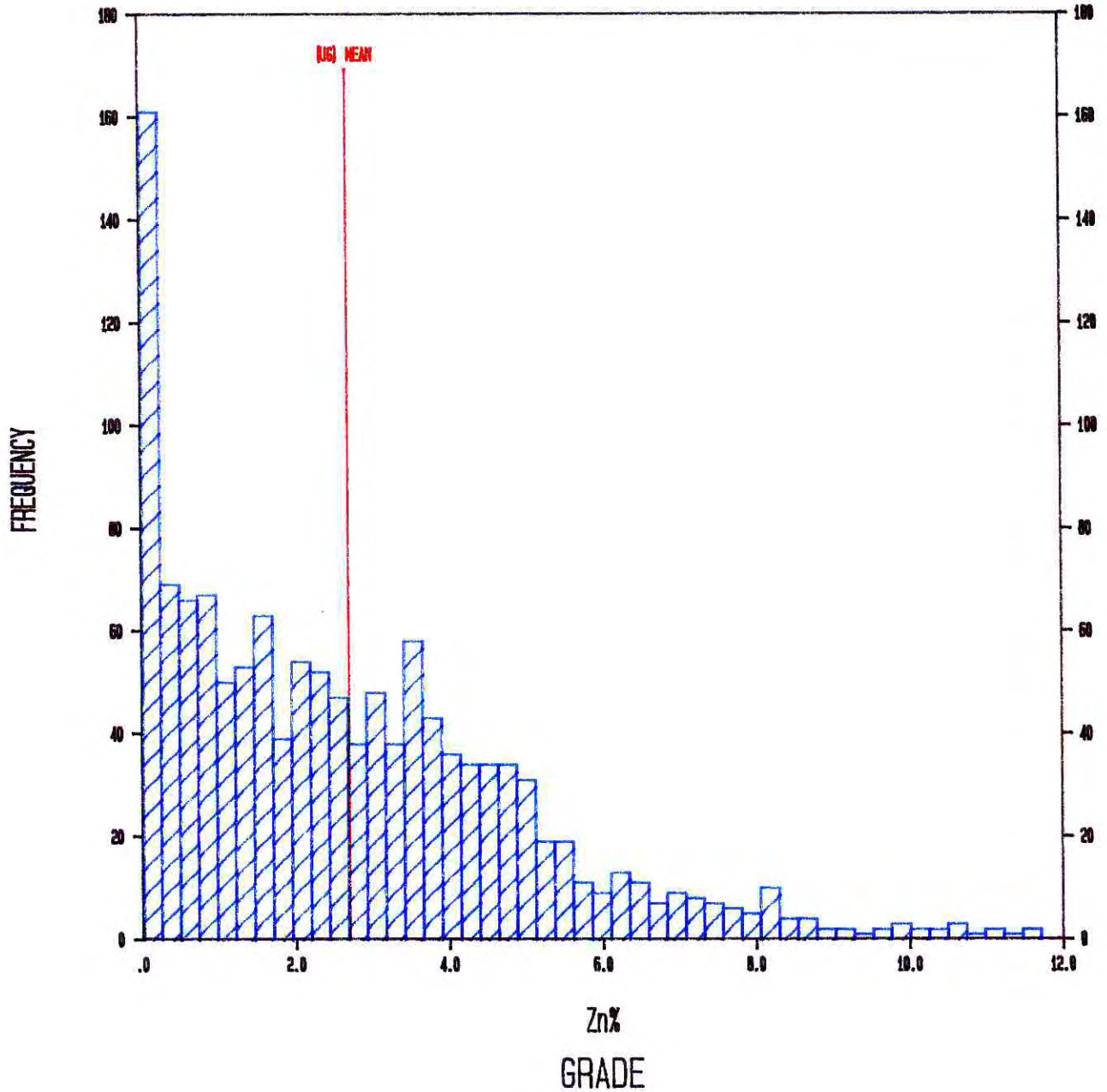
MINIMUM HISTOGRAM VALUE : .000
 MAXIMUM HISTOGRAM VALUE : 11.708
 CLASS INTERVAL : .244

MINIMUM POPULATION DATA POINT : .000
 MAXIMUM POPULATION DATA POINT : 11.708
 TOTAL POPULATION : 1280

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1280	
ARITHMETIC MEAN	2.6929	2.7046
MEDIAN		2.2805
GEOMETRIC MEAN	.9263	1.5848
NATURAL LOG MEAN	-.0765	.4605
STANDARD DEVIATION	2.2753	2.2631
VARIANCE	5.1768	5.1217
COEFFICIENT OF VARIATION	.8449	.8368
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	5.1768	5.1217
MOMENT 3 ABOUT ARITHMETIC MEAN	12.4319	12.4029
MOMENT 4 ABOUT ARITHMETIC MEAN	109.3768	107.4628
MOMENT COEFFICIENT OF SKEWNESS	1.0555	1.0700
MOMENT COEFFICIENT OF KURTOSIS	4.0814	4.0966

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Zn COMPOSITES - SCENARIO 1A
 ROCK CODE 20 - INTERVAL CENTER

QUICK-PLOT	DATE - 08-04-80	GEMCOM Services Inc.
GEMCOM Services Inc.	TIME - 18:31:18	Vancouver Office
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\305N1APB.MEX
DATA DESCRIPTION : Pb COMPS. R.C.30 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
DATA DESCRIPTION : RC30 SN1A INT CENT Pb

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
MAXIMUM CUTOFF VALUE : 8.700
TOTAL NUMBER OF SAMPLES USED : 430

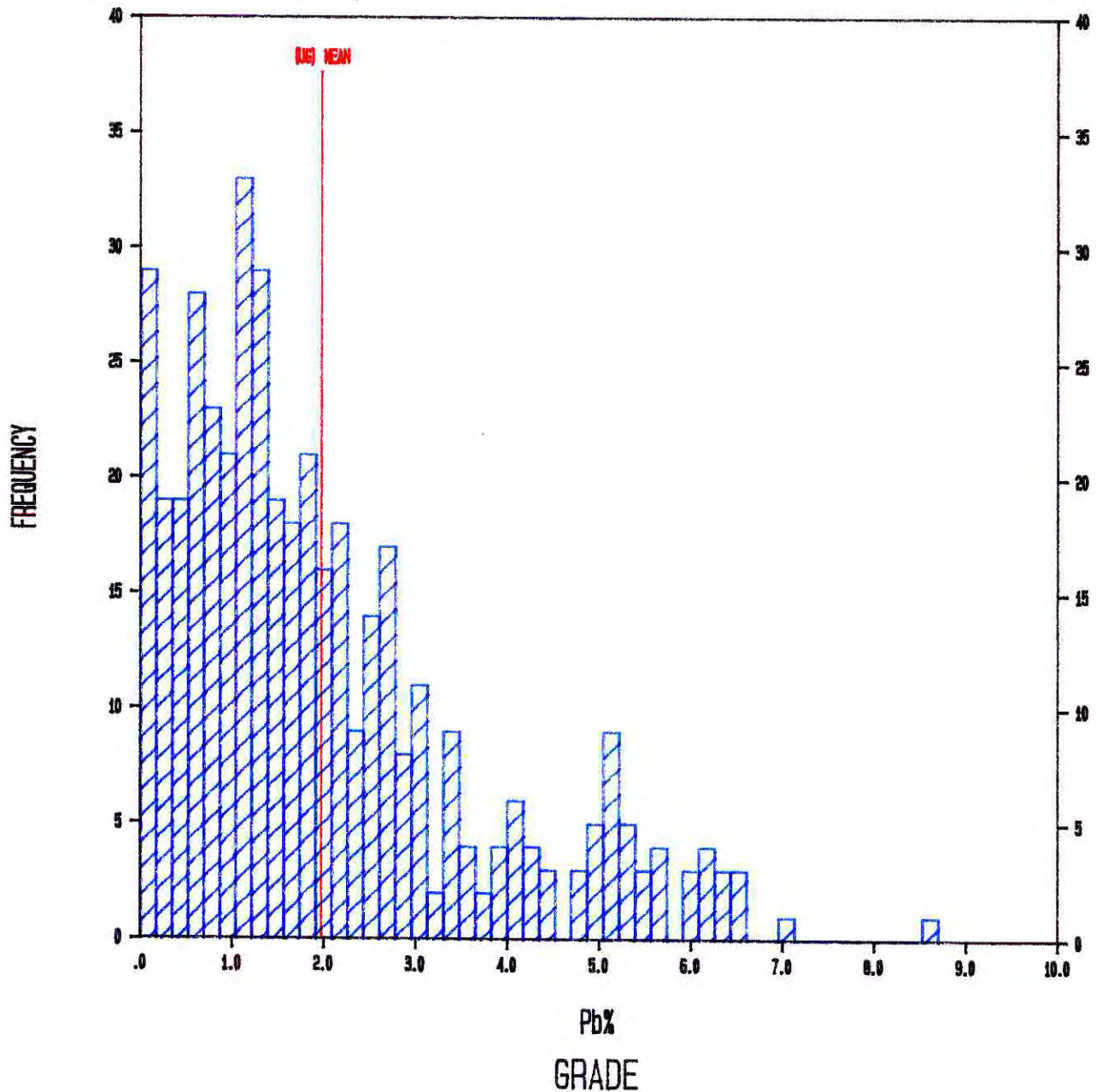
MINIMUM HISTOGRAM VALUE : .000
MAXIMUM HISTOGRAM VALUE : 8.700
CLASS INTERVAL : .174

MINIMUM POPULATION DATA POINT : .000
MAXIMUM POPULATION DATA POINT : 8.700
TOTAL POPULATION : 430

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	430	
ARITHMETIC MEAN	1.9707	1.9755
MEDIAN		1.5202
GEOMETRIC MEAN	1.0916	1.2994
NATURAL LOG MEAN	.0876	.2619
STANDARD DEVIATION	1.6140	1.6141
VARIANCE	2.6050	2.6053
COEFFICIENT OF VARIATION	.8190	.8170
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	2.6050	2.6053
MOMENT 3 ABOUT ARITHMETIC MEAN	5.0490	5.0792
MOMENT 4 ABOUT ARITHMETIC MEAN	27.1035	27.0729
MOMENT COEFFICIENT OF SKEWNESS	1.2009	1.2079
MOMENT COEFFICIENT OF KURTOSIS	3.9940	3.9887

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Pb COMPOSITES - SCENARIO 1A
 ROCK CODE 30 - INTERVAL CENTER

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\30SN1AZN.MEX
 DATA DESCRIPTION : Zn COMPS. R.C.30 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : SN1A RC30 Zn

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
 MAXIMUM CUTOFF VALUE : 16.850
 TOTAL NUMBER OF SAMPLES USED : 430

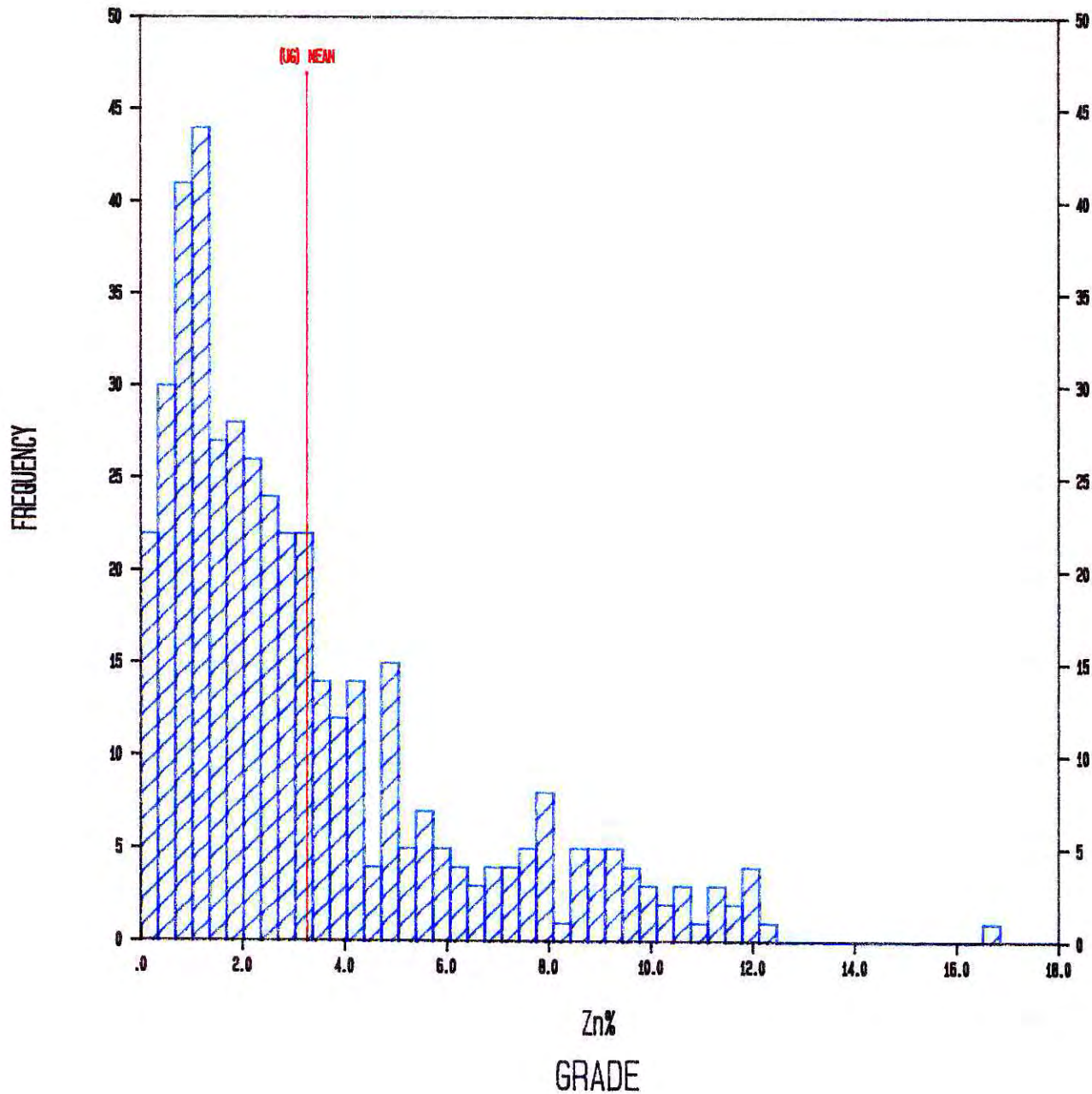
MINIMUM HISTOGRAM VALUE : .000
 MAXIMUM HISTOGRAM VALUE : 16.850
 CLASS INTERVAL : .337

MINIMUM POPULATION DATA POINT : .000
 MAXIMUM POPULATION DATA POINT : 16.850
 TOTAL POPULATION : 430

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	430	
ARITHMETIC MEAN	3.2534	3.2571
MEDIAN		2.3201
GEOMETRIC MEAN	1.7530	2.1114
NATURAL LOG MEAN	.5613	.7473
STANDARD DEVIATION	2.9331	2.9259
VARIANCE	8.6029	8.5608
COEFFICIENT OF VARIATION	.9015	.8983
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	8.6029	8.5608
MOMENT 3 ABOUT ARITHMETIC MEAN	35.8472	35.6917
MOMENT 4 ABOUT ARITHMETIC MEAN	342.7796	338.1063
MOMENT COEFFICIENT OF SKEWNESS	1.4206	1.4249
MOMENT COEFFICIENT OF KURTOSIS	4.6315	4.6135

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Zn COMPOSITES - SCENARIO 1A
 ROCK CODE 30 - INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE - 09-04-90 TIME - 08:28:10	GEMCOM Services Inc. Vancouver Office
HORIZONTAL SCALE - 1 : 38		VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\23SN1APB.MEX
 DATA DESCRIPTION : Pb COMPS. RC20-30 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : SN1A RC20-30 INT CENT Pb

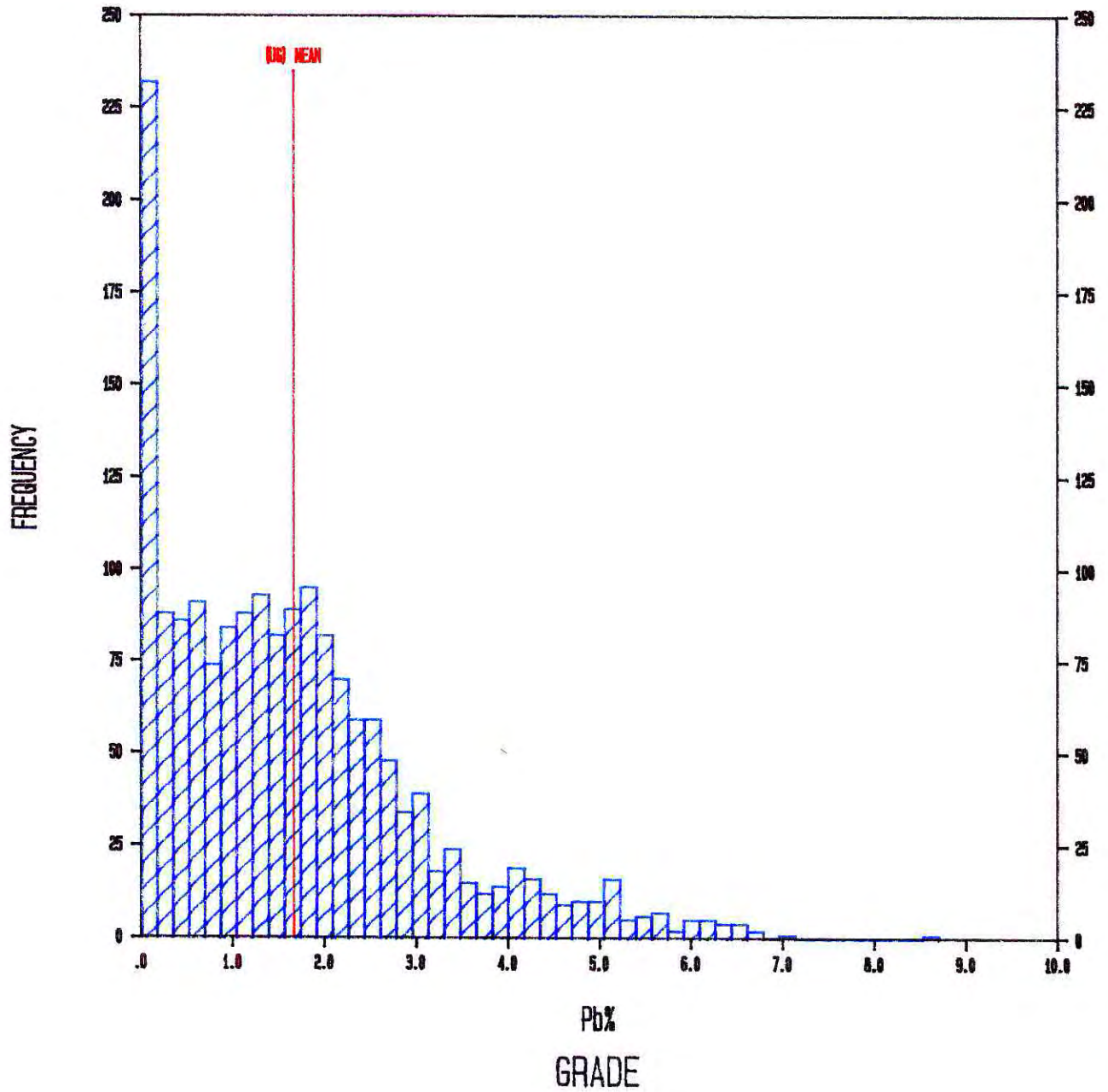
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	8.700
TOTAL NUMBER OF SAMPLES USED	:	1710
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	8.700
CLASS INTERVAL	:	.174
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	8.700
TOTAL POPULATION	:	1710

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	1.6596	1.6677
MEDIAN		1.4323
GEOMETRIC MEAN	.6398	1.0051
NATURAL LOG MEAN	-.4466	.0050
STANDARD DEVIATION	1.3923	1.3859
VARIANCE	1.9384	1.9207
COEFFICIENT OF VARIATION	.8389	.8310
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1.9384	1.9207
MOMENT 3 ABOUT ARITHMETIC MEAN	3.0737	3.1064
MOMENT 4 ABOUT ARITHMETIC MEAN	16.2921	16.2098
MOMENT COEFFICIENT OF SKEWNESS	1.1389	1.1670
MOMENT COEFFICIENT OF KURTOSIS	4.3360	4.3941

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Pb COMPOSITES - SCENARIO 1A
 ROCK CODES 20-30-INTERVAL CENTER

QUICK-PLOT	DATE - 08-04-90	GEMCOM Services Inc.
GEMCOM Services Inc.	TIME - 18:08:16	Vancouver Office
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\23SN1AZN.MEX
 DATA DESCRIPTION : Zn COMPS. RC20-30 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : RC 23 Zn INT CENT

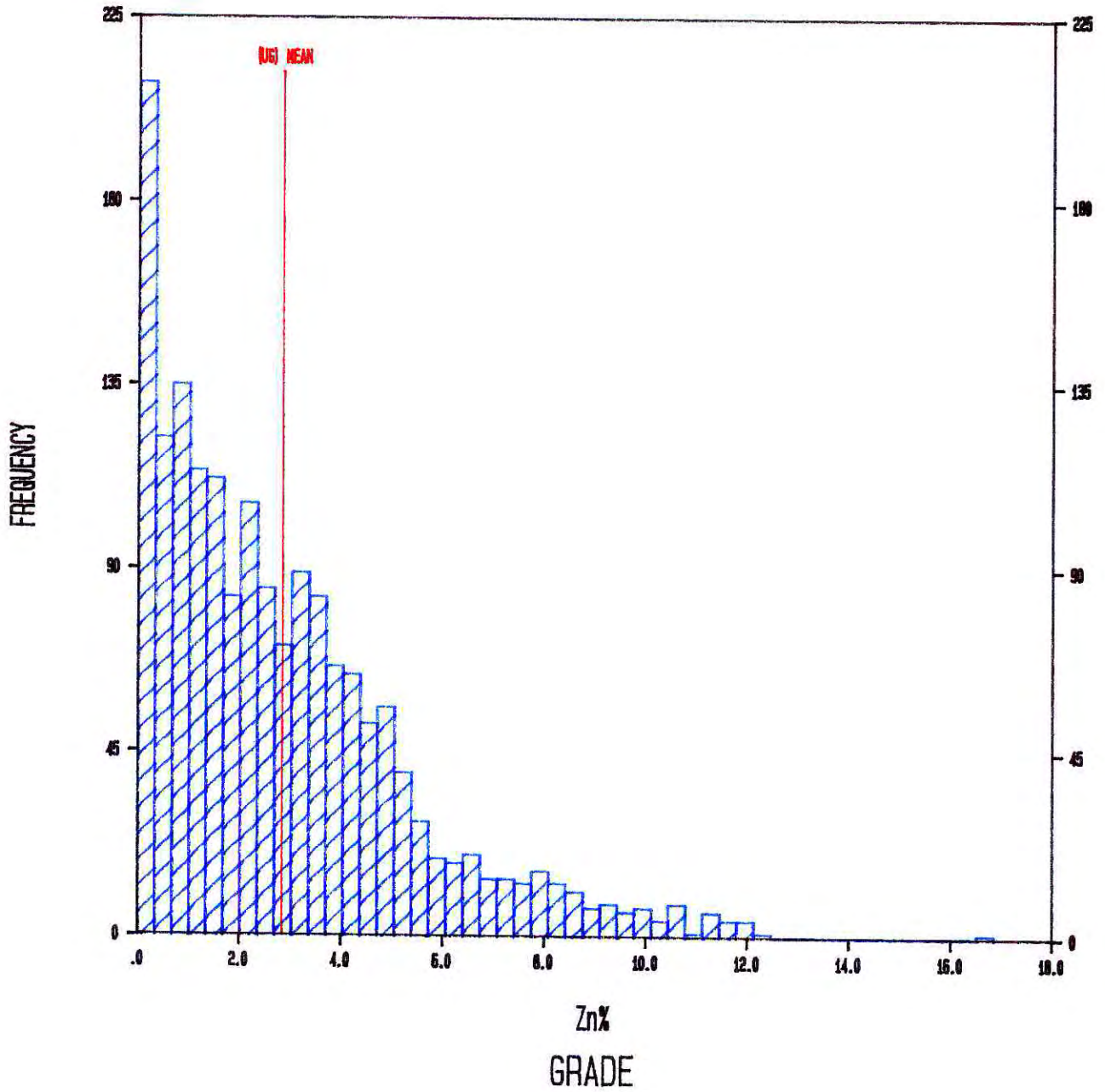
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	16.850
TOTAL NUMBER OF SAMPLES USED	:	1710
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	16.850
CLASS INTERVAL	:	.337
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	16.850
TOTAL POPULATION	:	1710

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	2.8339	2.8485
MEDIAN		2.2763
GEOMETRIC MEAN	1.0875	1.7421
NATURAL LOG MEAN	.0839	.5551
STANDARD DEVIATION	2.4693	2.4615
VARIANCE	6.0975	6.0592
COEFFICIENT OF VARIATION	.8713	.8641
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	6.0975	6.0592
MOMENT 3 ABOUT ARITHMETIC MEAN	19.4209	19.4712
MOMENT 4 ABOUT ARITHMETIC MEAN	180.7049	178.3585
MOMENT COEFFICIENT OF SKEWNESS	1.2899	1.3055
MOMENT COEFFICIENT OF KURTOSIS	4.8604	4.8581

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Zn ~~10~~ COMPOSITES - SCENARIO 1A
 ROCK CODES 20-30 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE - 09-04-90 TIME - 08:58:42	GEMCOM Services Inc. Vancouver Office	GRUM DEPOSIT
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35	

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\23SN1AAG.MEX
 DATA DESCRIPTION : Ag COMPS. RC20-30 (INT. CENTER) LENGTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : Ag SN1A RC20-30

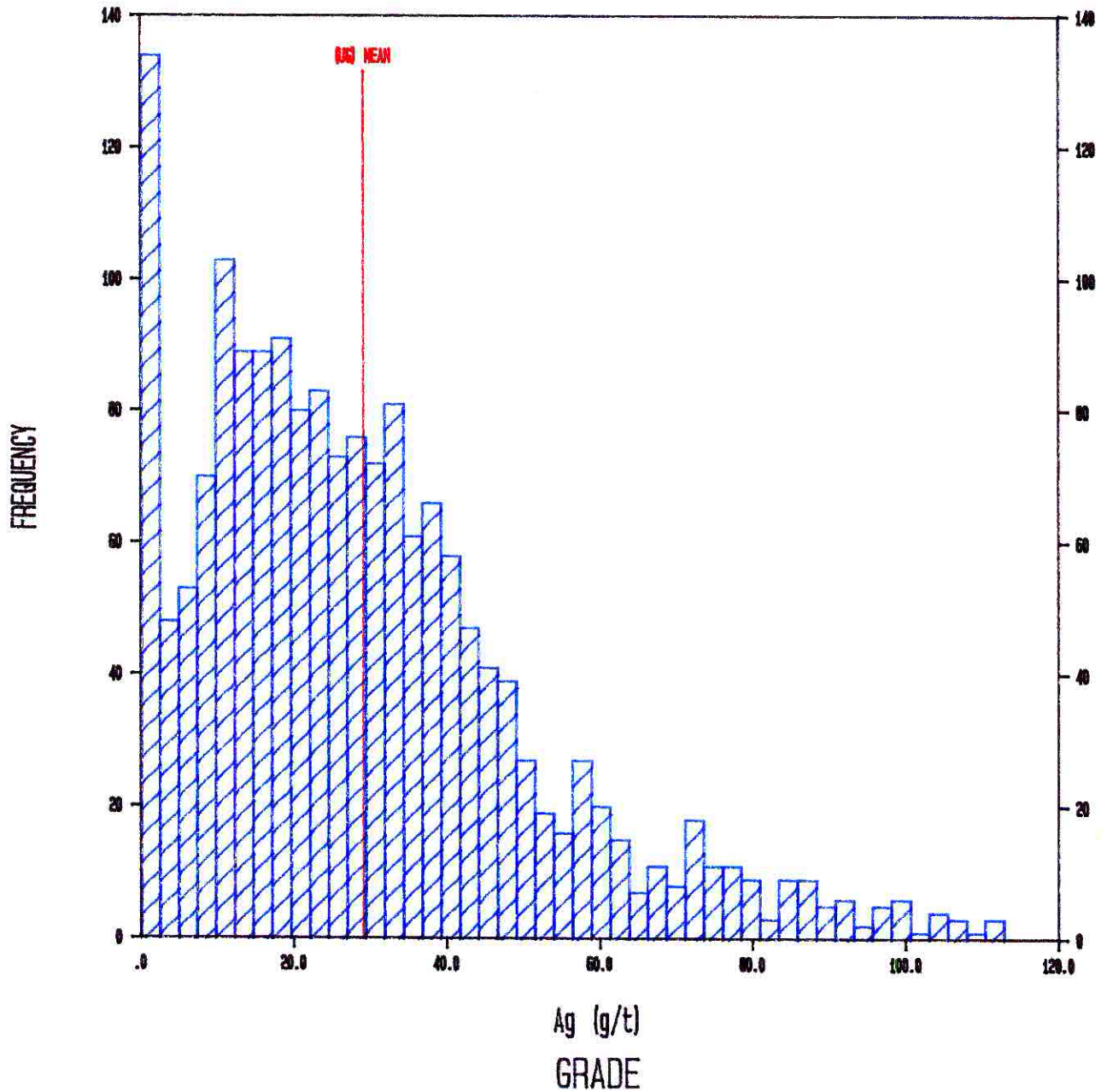
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	112.817
TOTAL NUMBER OF SAMPLES USED	:	1710
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	112.817
CLASS INTERVAL	:	2.453
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	112.817
TOTAL POPULATION	:	1710

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	29.0076	29.0745
MEDIAN		25.0340
GEOMETRIC MEAN	10.9669	19.5906
NATURAL LOG MEAN	2.3949	2.9750
STANDARD DEVIATION	21.8571	21.7761
VARIANCE	477.7338	474.1964
COEFFICIENT OF VARIATION	.7535	.7490
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	477.7338	474.1964
MOMENT 3 ABOUT ARITHMETIC MEAN	11440.6800	11521.8700
MOMENT 4 ABOUT ARITHMETIC MEAN	961086.2000	951359.6000
MOMENT COEFFICIENT OF SKEWNESS	1.0957	1.1158
MOMENT COEFFICIENT OF KURTOSIS	4.2111	4.2309

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Ag COMPOSITES - SCENARIO 1A
 ROCK CODES 20-30 INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE - 08-04-90
 TIME - 18:11:30

GEMCOM Services Inc.
 Vancouver Office

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\grum\stats\23sn1aau.mex
 DATA DESCRIPTION : Au COMPS. RC20-30 (INT.CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : rc23 SN1A Au

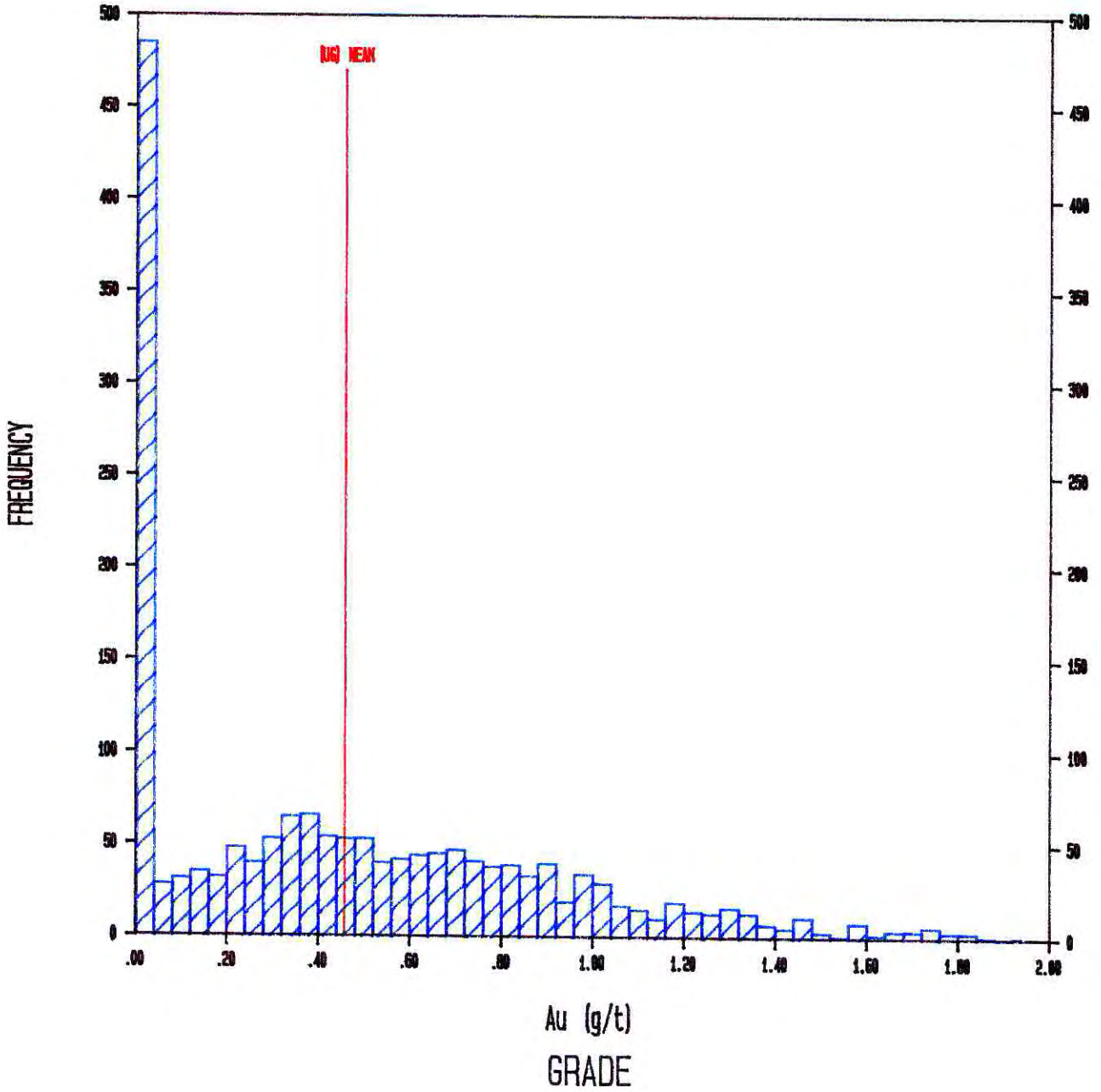
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	1.937
TOTAL NUMBER OF SAMPLES USED	:	1710
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	1.937
CLASS INTERVAL	:	.040
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	1.937
TOTAL POPULATION	:	1710

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	.4559	.4614
MEDIAN		.3830
GEOMETRIC MEAN	.0473	.2043
NATURAL LOG MEAN	-3.0502	-1.5881
STANDARD DEVIATION	.4315	.4257
VARIANCE	.1862	.1812
COEFFICIENT OF VARIATION	.9464	.9227
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.1862	.1812
MOMENT 3 ABOUT ARITHMETIC MEAN	.0642	.0644
MOMENT 4 ABOUT ARITHMETIC MEAN	.1034	.0998
MOMENT COEFFICIENT OF SKEWNESS	.7990	.8345
MOMENT COEFFICIENT OF KURTOSIS	2.9819	3.0399

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



AU COMPOSITES - SCENARIO 1A
 ROCK CODES 20-30 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE - 08-04-80 TIME - 18:18:43	GEMCOM Services Inc. Vancouver Office
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\23SN1ASG.MEX
DATA DESCRIPTION : SG COMPS. RC20-30 (INT.CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
DATA DESCRIPTION : SG SN1A RC 20-30 SG

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : 2.543
MAXIMUM CUTOFF VALUE : 4.493
TOTAL NUMBER OF SAMPLES USED : 1710

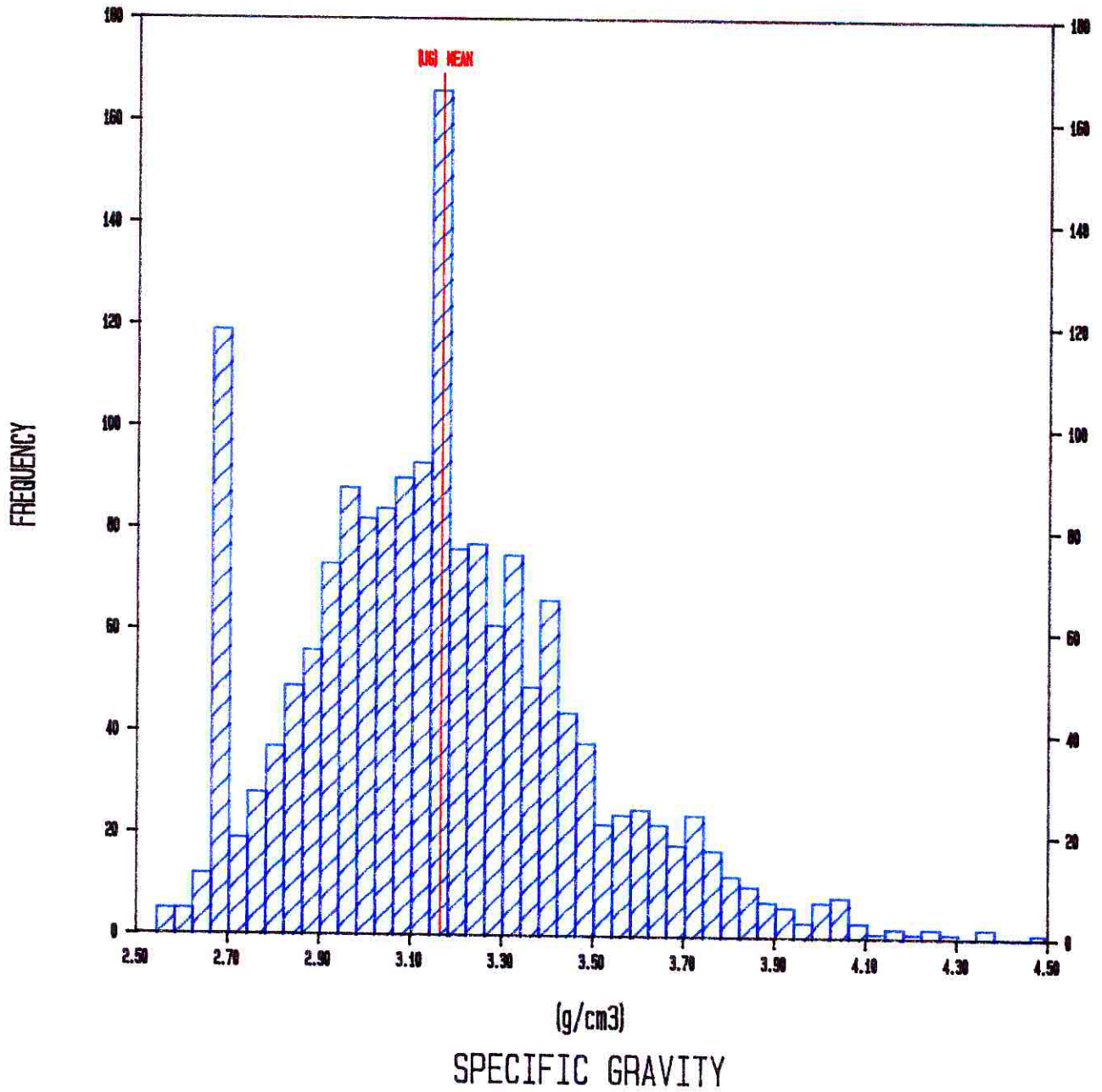
MINIMUM HISTOGRAM VALUE : 2.543
MAXIMUM HISTOGRAM VALUE : 4.493
CLASS INTERVAL : .040

MINIMUM POPULATION DATA POINT : 2.543
MAXIMUM POPULATION DATA POINT : 4.493
TOTAL POPULATION : 1710

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	3.1650	3.1637
MEDIAN		3.1466
GEOMETRIC MEAN	3.1504	3.1490
NATURAL LOG MEAN	1.1475	1.1471
STANDARD DEVIATION	.3082	.3099
VARIANCE	.0950	.0960
COEFFICIENT OF VARIATION	.0974	.0979
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0950	.0960
MOMENT 3 ABOUT ARITHMETIC MEAN	.0197	.0192
MOMENT 4 ABOUT ARITHMETIC MEAN	.0327	.0332
MOMENT COEFFICIENT OF SKEWNESS	.6711	.6447
MOMENT COEFFICIENT OF KURTOSIS	3.6274	3.5990

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



SG COMPOSITES- SCENARIO 1A
 ROCK CODE 20-30 INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE - 08-04-90
 TIME - 18:23:20

GEMCOM Services Inc.
 Vancouver Office

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : B:\57SN1APB.MEX
 DATA DESCRIPTION : Pb COMPS. RC50-70 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : 50-70 SN1A Pb

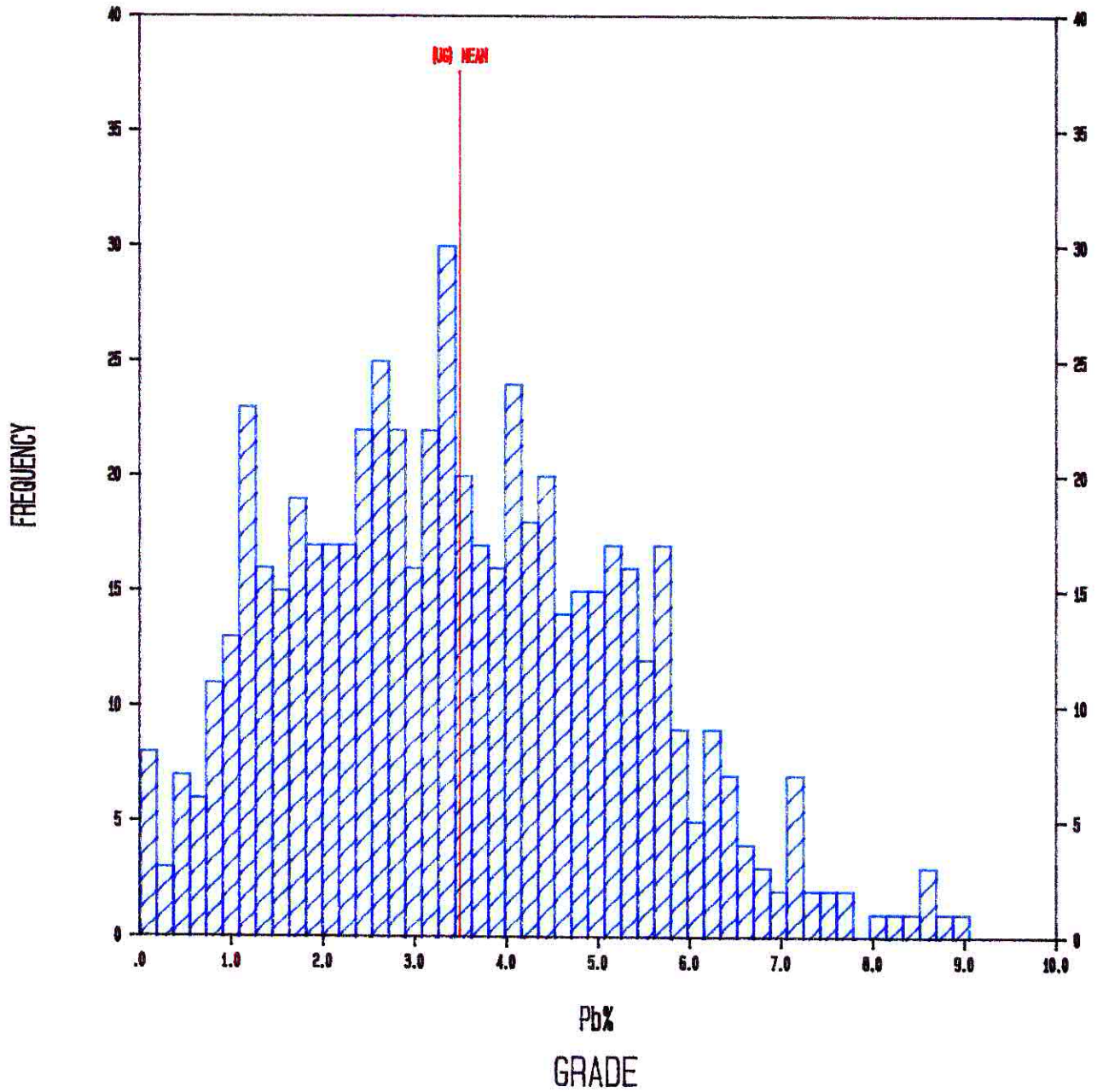
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	9.038
TOTAL NUMBER OF SAMPLES USED	:	590
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	9.038
CLASS INTERVAL	:	.181
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	9.038
TOTAL POPULATION	:	590

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	3.4832	3.4832
MEDIAN		3.3545
GEOMETRIC MEAN	2.7007	2.8687
NATURAL LOG MEAN	.9935	1.0538
STANDARD DEVIATION	1.8101	1.8069
VARIANCE	3.2766	3.2649
COEFFICIENT OF VARIATION	.5197	.5188
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	3.2766	3.2649
MOMENT 3 ABOUT ARITHMETIC MEAN	2.1546	2.1583
MOMENT 4 ABOUT ARITHMETIC MEAN	29.0312	28.6427
MOMENT COEFFICIENT OF SKEWNESS	.3633	.3659
MOMENT COEFFICIENT OF KURTOSIS	2.7041	2.6870

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Pb COMPOSITES - SCENARIO 1A
 ROCK CODES 50-70 INTERVAL CENTER

QUICK-PLOT

GEMCOM Services Inc.

DATE - 08-04-80

TIME - 17:52:18

GEMCOM Services Inc.

Vancouver Office

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\57SN1AZN.MEX
DATA DESCRIPTION : Zn COMPS.RC50-70(INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
DATA DESCRIPTION : Zn RC50-70 SN1A

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
MAXIMUM CUTOFF VALUE : 16.754
TOTAL NUMBER OF SAMPLES USED : 590

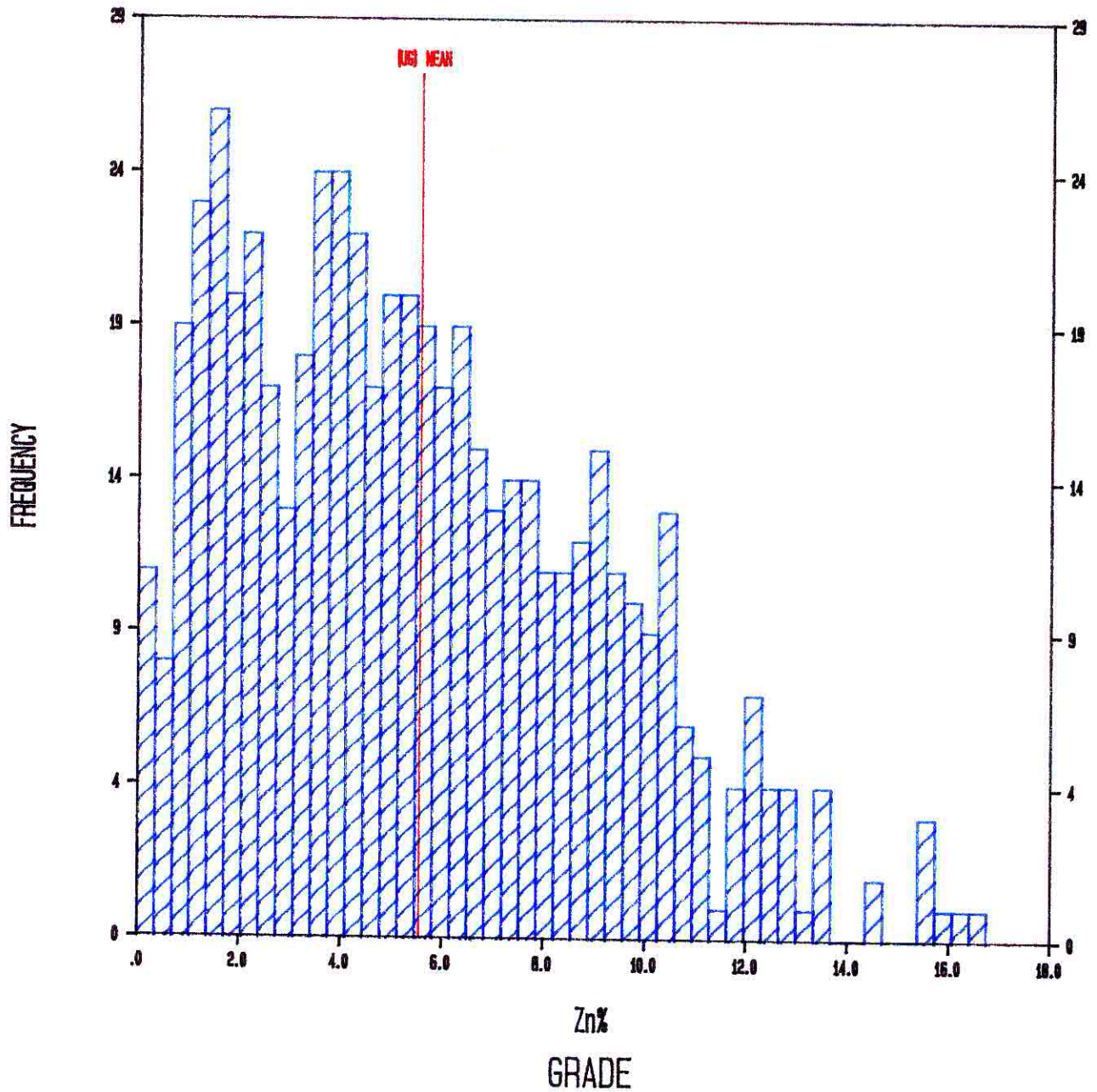
MINIMUM HISTOGRAM VALUE : .000
MAXIMUM HISTOGRAM VALUE : 16.754
CLASS INTERVAL : .342

MINIMUM POPULATION DATA POINT : .000
MAXIMUM POPULATION DATA POINT : 16.754
TOTAL POPULATION : 590

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	5.5474	5.5514
MEDIAN		5.0649
GEOMETRIC MEAN	3.9386	4.1706
NATURAL LOG MEAN	1.3708	1.4280
STANDARD DEVIATION	3.5252	3.5314
VARIANCE	12.4267	12.4710
COEFFICIENT OF VARIATION	.6355	.6361
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	12.4267	12.4710
MOMENT 3 ABOUT ARITHMETIC MEAN	25.8781	25.9833
MOMENT 4 ABOUT ARITHMETIC MEAN	423.9623	425.8754
MOMENT COEFFICIENT OF SKEWNESS	.5907	.5900
MOMENT COEFFICIENT OF KURTOSIS	2.7455	2.7383

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Zn COMPOSITES - SCENARIO 1A
 ROCK CODES 50-70 INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE - 09-04-90
 TIME - 09:04:12

GEMCOM Services Inc.
 Vancouver Office

GRUM
 DEPOSIT

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\57SN1AAG.MEX
 DATA DESCRIPTION : Ag COMPS. RC50-70 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : 57 AG

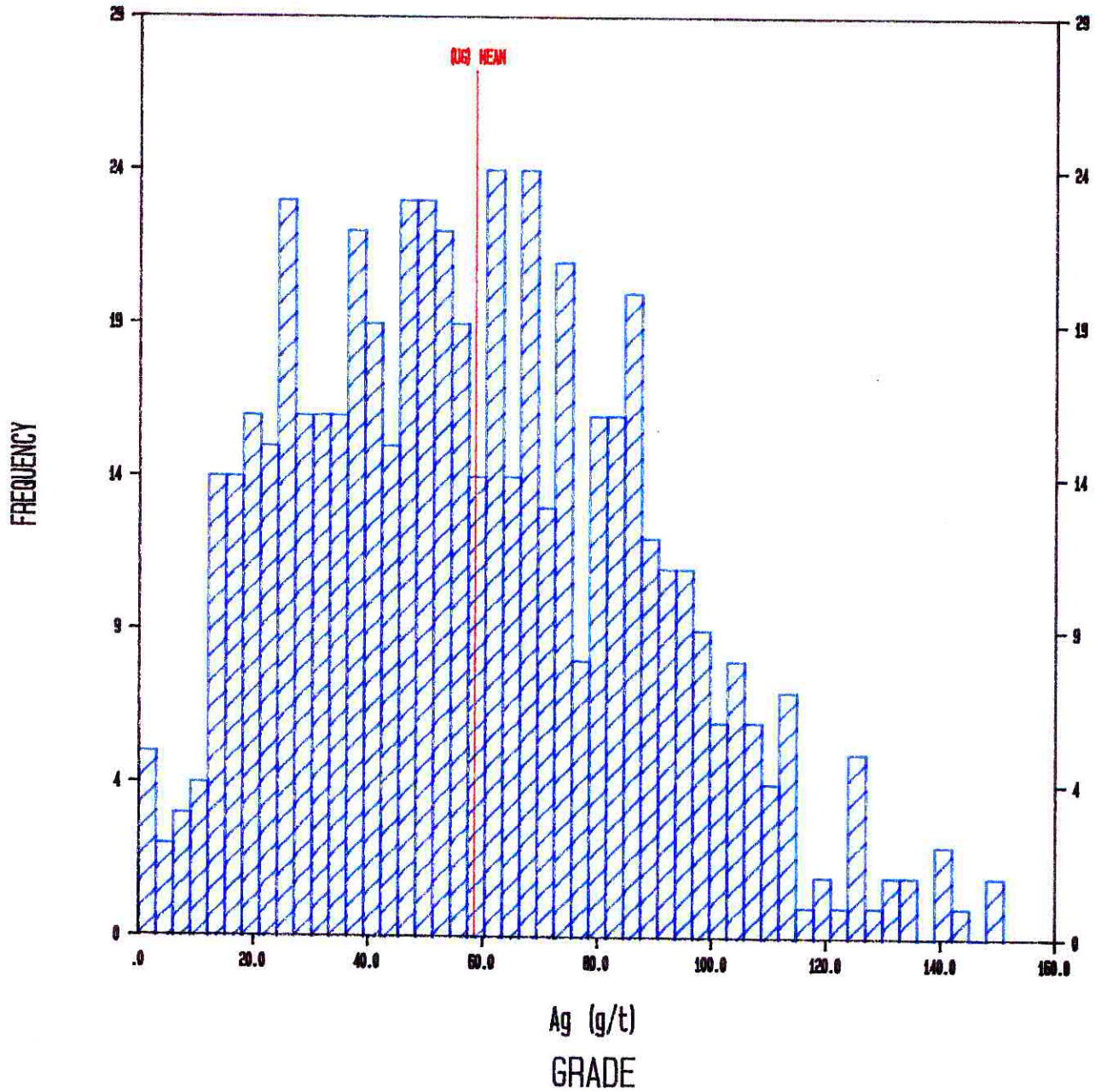
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	151.090
TOTAL NUMBER OF SAMPLES USED	:	590
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	151.090
CLASS INTERVAL	:	3.022
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	151.090
TOTAL POPULATION	:	590

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	58.4999	58.5397
MEDIAN		55.7559
GEOMETRIC MEAN	44.7646	48.6369
NATURAL LOG MEAN	3.8014	3.8844
STANDARD DEVIATION	30.4468	30.4033
VARIANCE	927.0070	924.3623
COEFFICIENT OF VARIATION	.5205	.5194
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	927.0070	924.3623
MOMENT 3 ABOUT ARITHMETIC MEAN	11089.1200	11242.8600
MOMENT 4 ABOUT ARITHMETIC MEAN	2274003.0000	2261129.0000
MOMENT COEFFICIENT OF SKEWNESS	.3929	.4000
MOMENT COEFFICIENT OF KURTOSIS	2.6462	2.6463

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Ag COMPOSITES - SCENARIO 1A
 ROCK CODES 50-70 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE - 09-04-90 TIME - 09:09:43	GEMCOM Services Inc. Vancouver Office	GRUM DEPOSIT
HORIZONTAL SCALE = 1 : 35		VERTICAL SCALE = 1 : 35	

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\57SN1AAU.HEX
 DATA DESCRIPTION : Au COMPS RC50-70 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : 57 AU

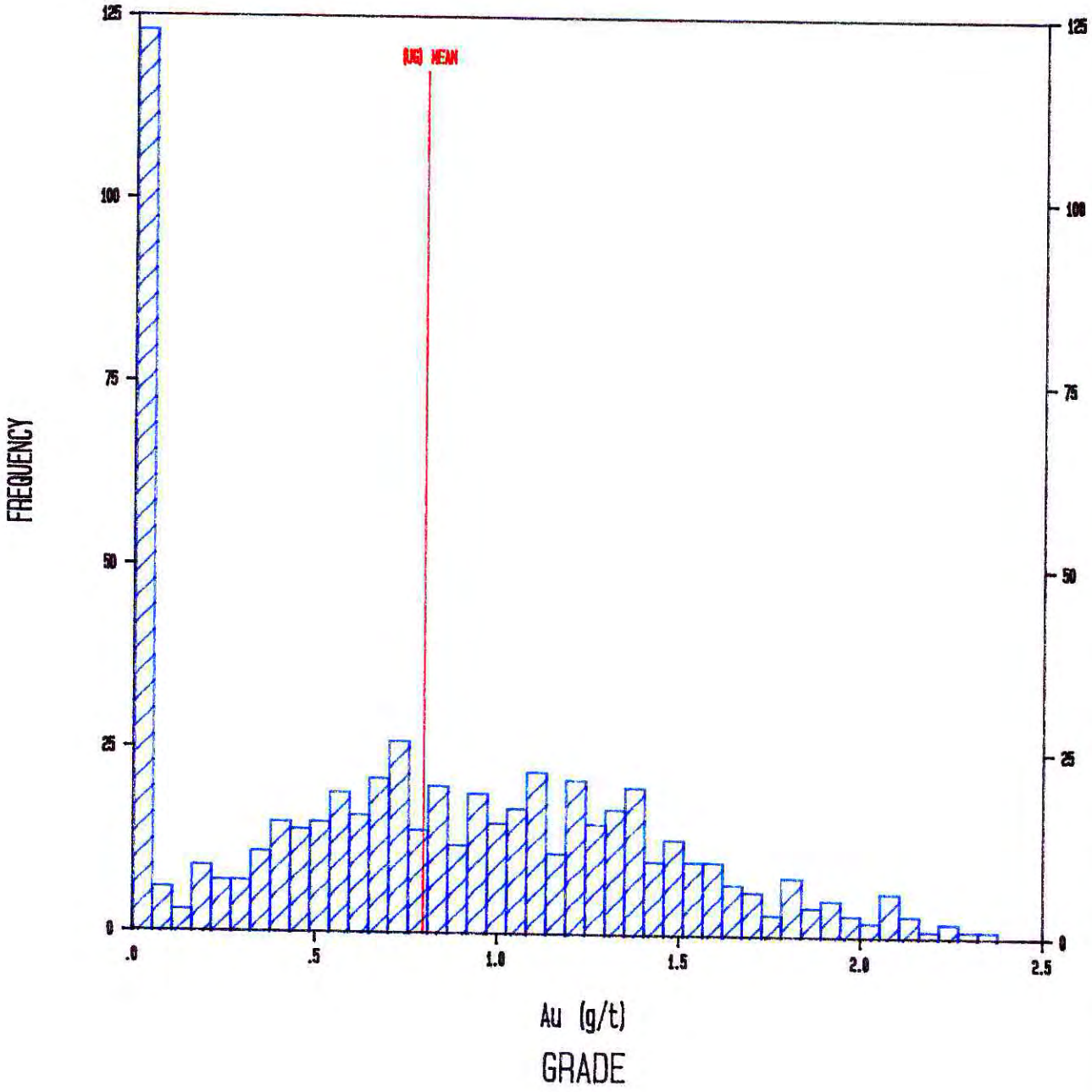
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	2.358
TOTAL NUMBER OF SAMPLES USED	:	590
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	2.358
CLASS INTERVAL	:	.054
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	2.358
TOTAL POPULATION	:	590

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	.7954	.8002
MEDIAN		.7676
GEOMETRIC MEAN	.1403	.4181
NATURAL LOG MEAN	-1.9642	-.8721
STANDARD DEVIATION	.5957	.5893
VARIANCE	.3549	.3473
COEFFICIENT OF VARIATION	.7490	.7365
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.3549	.3473
MOMENT 3 ABOUT ARITHMETIC MEAN	.0544	.0582
MOMENT 4 ABOUT ARITHMETIC MEAN	.2764	.2649
MOMENT COEFFICIENT OF SKEWNESS	.2576	.2844
MOMENT COEFFICIENT OF KURTOSIS	2.1947	2.1962

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Au COMPOSITES - SCENARIO 1A
 ROCK CODES 50-70 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE = 08-04-90 TIME = 18:02:05	GEMCOM Services Inc. Vancouver Office
HORIZONTAL SCALE = 1 : 35		VERTICAL SCALE = 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\575N1AS6.MEX
 DATA DESCRIPTION : S6 COMPS. RC20-30 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : S6 ROCK CODE 50-70

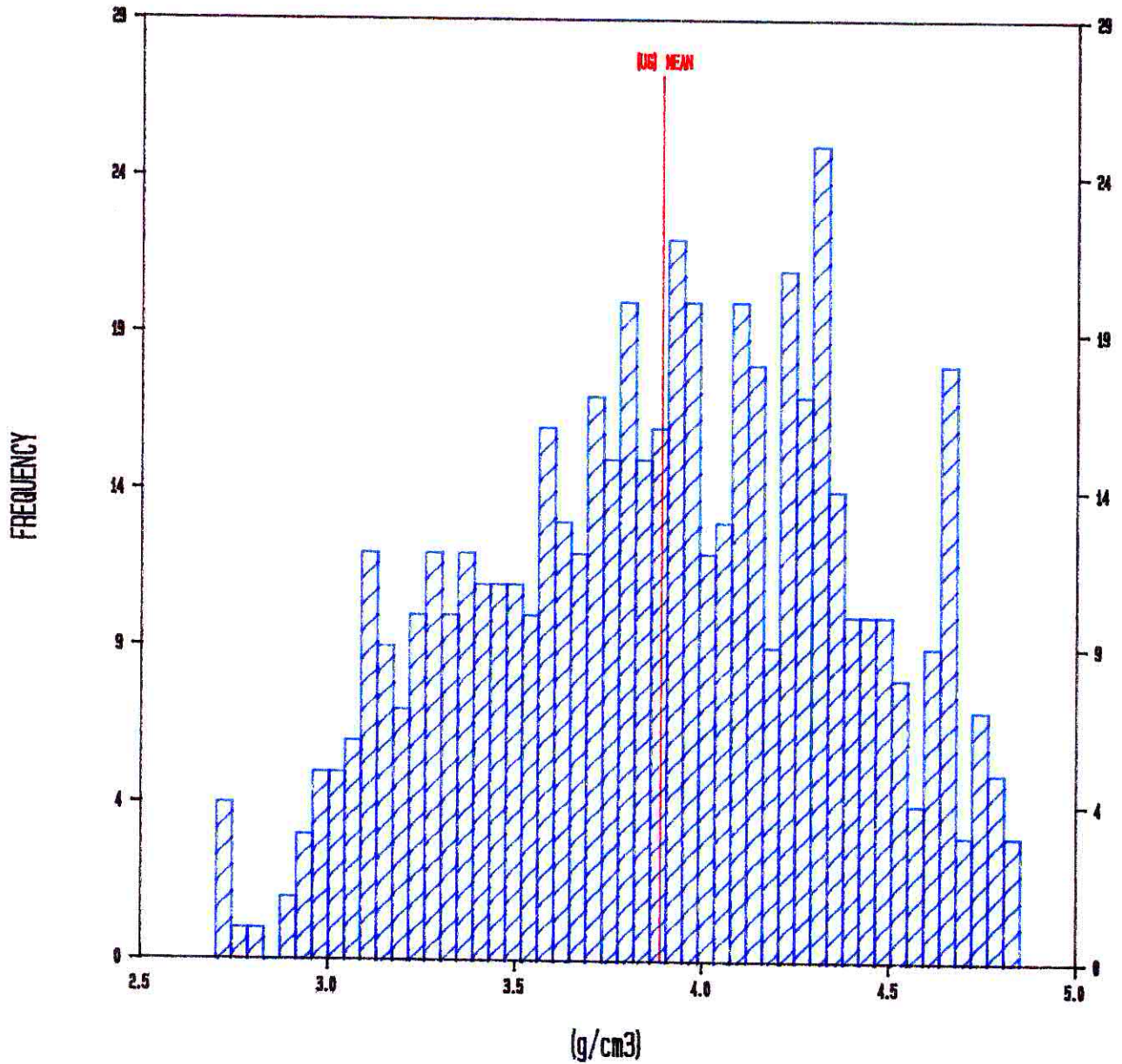
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.700
MAXIMUM CUTOFF VALUE	:	4.848
TOTAL NUMBER OF SAMPLES USED	:	590
MINIMUM HISTOGRAM VALUE	:	2.700
MAXIMUM HISTOGRAM VALUE	:	4.848
CLASS INTERVAL	:	.043
MINIMUM POPULATION DATA POINT	:	2.700
MAXIMUM POPULATION DATA POINT	:	4.848
TOTAL POPULATION	:	590

UNGROUPED DATA GROUPED DATA

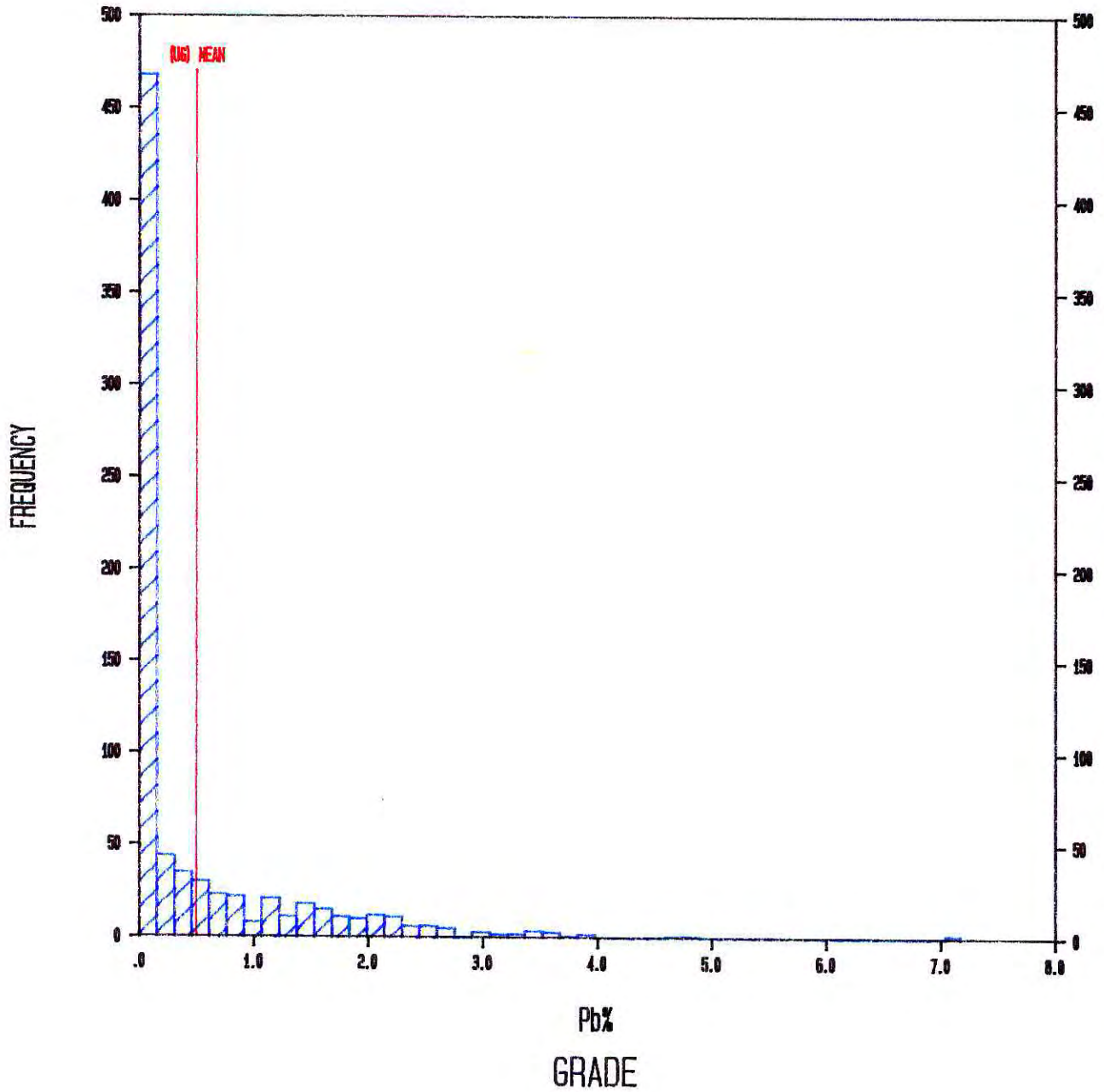
TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	3.8862	3.8859
MEDIAN		3.9133
GEOMETRIC MEAN	3.8545	3.8542
NATURAL LOG MEAN	1.3492	1.3492
STANDARD DEVIATION	.4896	.4898
VARIANCE	.2397	.2399
COEFFICIENT OF VARIATION	.1260	.1260
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.2397	.2399
MOMENT 3 ABOUT ARITHMETIC MEAN	-.0203	-.0195
MOMENT 4 ABOUT ARITHMETIC MEAN	.1299	.1285
MOMENT COEFFICIENT OF SKEWNESS	-.1726	-.1657
MOMENT COEFFICIENT OF KURTOSIS	2.2602	2.2336

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



SG COMPOSITES - SCENARIO 1A
 ROCK CODES 50-70 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE = 08-04-90 TIME = 17:47:11	GEMCOM Services Inc. Vancouver Office	
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35	



Pb COMPOSITES - SCENARIO 1A
 ROCK CODE 210 INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE - 09-04-90
 TIME - 09:50:41

GEMCOM Services Inc.
 Vancouver Office

GRUM
 DEPOSIT

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1AZN.MEX
 DATA DESCRIPTION : Zn COMPS RC 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : 210 SN1A ZN

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
 MAXIMUM CUTOFF VALUE : 8.699
 TOTAL NUMBER OF SAMPLES USED : 777

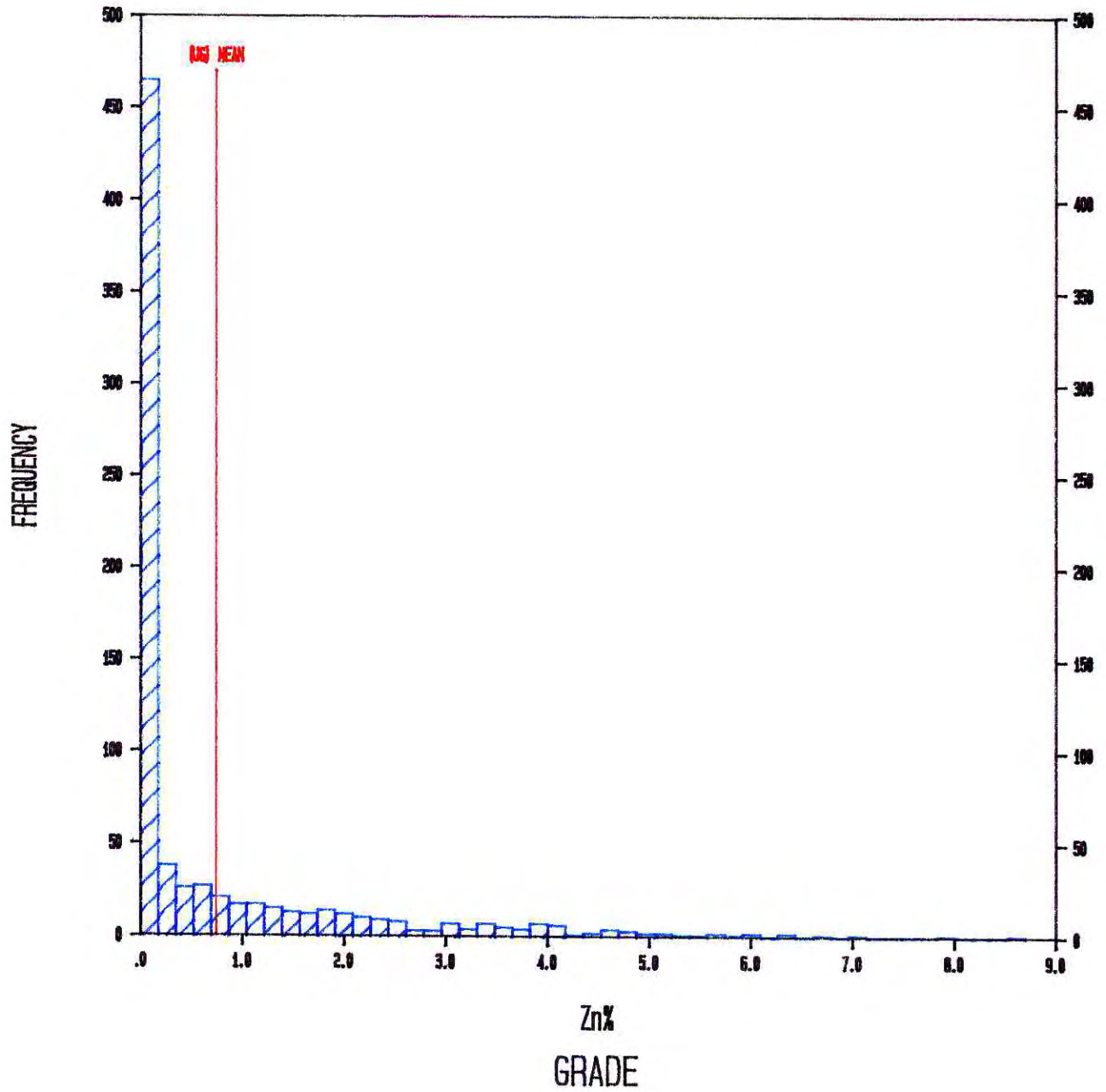
MINIMUM HISTOGRAM VALUE : .000
 MAXIMUM HISTOGRAM VALUE : 8.699
 CLASS INTERVAL : .174

MINIMUM POPULATION DATA POINT : .000
 MAXIMUM POPULATION DATA POINT : 8.699
 TOTAL POPULATION : 777

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	777	
ARITHMETIC MEAN	.7373	.7848
MEDIAN		.1455
GEOMETRIC MEAN	.0072	.2530
NATURAL LOG MEAN	-4.9371	-1.3743
STANDARD DEVIATION	1.3368	1.3114
VARIANCE	1.7869	1.7197
COEFFICIENT OF VARIATION	1.8131	1.6709
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1.7869	1.7197
MOMENT 3 ABOUT ARITHMETIC MEAN	5.6961	5.5200
MOMENT 4 ABOUT ARITHMETIC MEAN	29.0985	27.9289
MOMENT COEFFICIENT OF SKEWNESS	2.3846	2.4477
MOMENT COEFFICIENT OF KURTOSIS	9.1128	9.4436

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Zn COMPOSITES - SCENARIO 1A
 ROCK CODE 210 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE = 09-04-90 TIME = 09:54:31	GEMCOM Services Inc. Vancouver Office	GRUM DEPOSIT
HORIZONTAL SCALE = 1 : 35		VERTICAL SCALE = 1 : 35	

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1AAG.MEX
 DATA DESCRIPTION : Ag COMPS ROCK CODE 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LTH
 DATA DESCRIPTION : 210

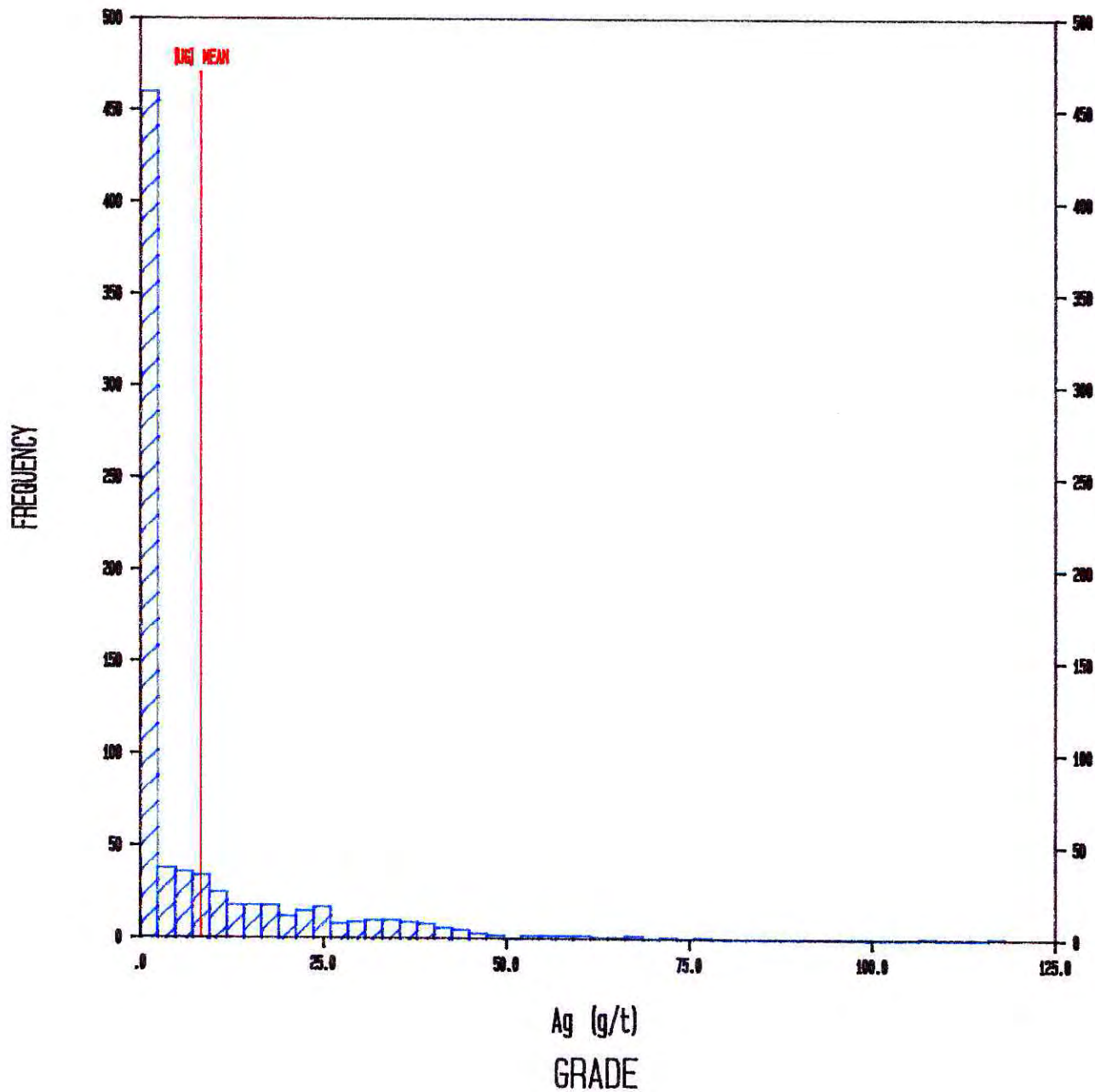
DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	118.150
TOTAL NUMBER OF SAMPLES USED	:	777
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	118.150
CLASS INTERVAL	:	2.363
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	118.150
TOTAL POPULATION	:	777

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	777	
ARITHMETIC MEAN	8.1689	8.8088
MEDIAN		1.9958
GEOMETRIC MEAN	.0229	3.2683
NATURAL LOG MEAN	-3.7762	1.1843
STANDARD DEVIATION	14.4105	14.0401
VARIANCE	207.6613	197.1251
COEFFICIENT OF VARIATION	1.7641	1.5939
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	207.6613	197.1251
MOMENT 3 ABOUT ARITHMETIC MEAN	7921.3820	7568.2600
MOMENT 4 ABOUT ARITHMETIC MEAN	552223.9000	519915.1000
MOMENT COEFFICIENT OF SKEWNESS	2.6471	2.7345
MOMENT COEFFICIENT OF KURTOSIS	12.8057	13.3798

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Ag COMPOSITES - SCENARIO 1A
 ROCK CODE 210 INTERVAL CENTER

QUICK-PLOT
 GEMCOM Services Inc.

DATE = 09-04-90
 TIME = 09:58:57

GEMCOM Services Inc.
 Vancouver Office

GRUM
 DEPOSIT

HORIZONTAL SCALE ~ 1 : 35

VERTICAL SCALE ~ 1 : 35

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1AAU.MEX
DATA DESCRIPTION : Au COMPS RC 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
DATA DESCRIPTION : ROCK CODE 210 SN1A Au

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000
MAXIMUM CUTOFF VALUE : 1.119
TOTAL NUMBER OF SAMPLES USED : 777

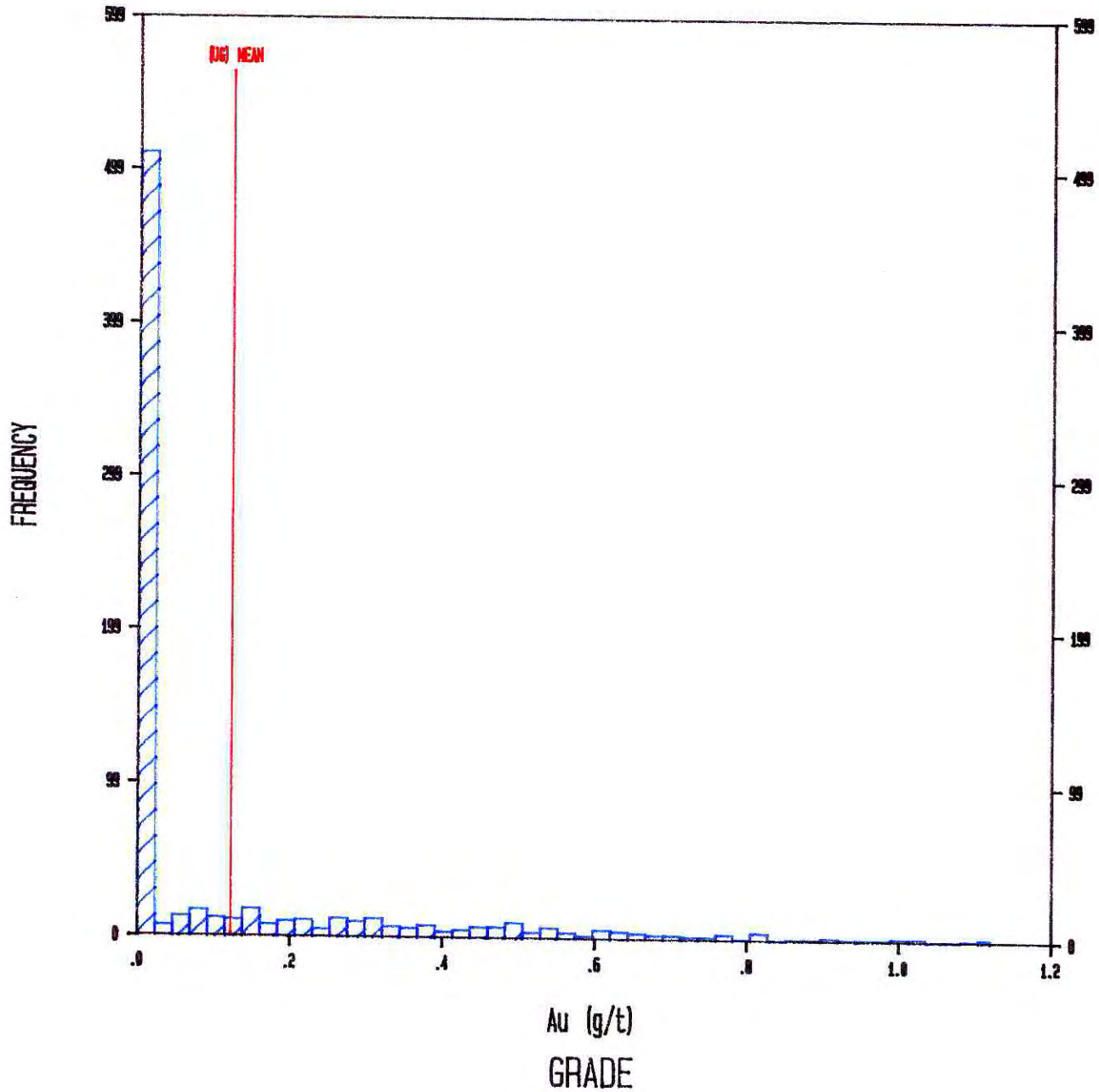
MINIMUM HISTOGRAM VALUE : .000
MAXIMUM HISTOGRAM VALUE : 1.119
CLASS INTERVAL : .023

MINIMUM POPULATION DATA POINT : .000
MAXIMUM POPULATION DATA POINT : 1.119
TOTAL POPULATION : 777

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	777	
ARITHMETIC MEAN	.1218	.1293
MEDIAN		.0176
GEOMETRIC MEAN	.0016	.0337
NATURAL LOG MEAN	-6.4424	-3.3908
STANDARD DEVIATION	.2250	.2209
VARIANCE	.0506	.0488
COEFFICIENT OF VARIATION	1.8470	1.7080
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0506	.0488
MOMENT 3 ABOUT ARITHMETIC MEAN	.0238	.0229
MOMENT 4 ABOUT ARITHMETIC MEAN	.0177	.0168
MOMENT COEFFICIENT OF SKENNESS	2.0925	2.1276
MOMENT COEFFICIENT OF KURTOSIS	6.9061	7.0704

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



Au COMPOSITES - SCENARIO 1A
 ROCK CODE 210 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE = 09-04-90 TIME = 10:02:35	GEMCOM Services Inc. Vancouver Office	GRAM DEPOSIT
HORIZONTAL SCALE = 1 : 35		VERTICAL SCALE = 1 : 35	

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1AS6.MEX
 DATA DESCRIPTION : SG COMPS RC 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
 DATA DESCRIPTION : SG 210 FULL

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : 2.688
 MAXIMUM CUTOFF VALUE : 4.325
 TOTAL NUMBER OF SAMPLES USED : 777

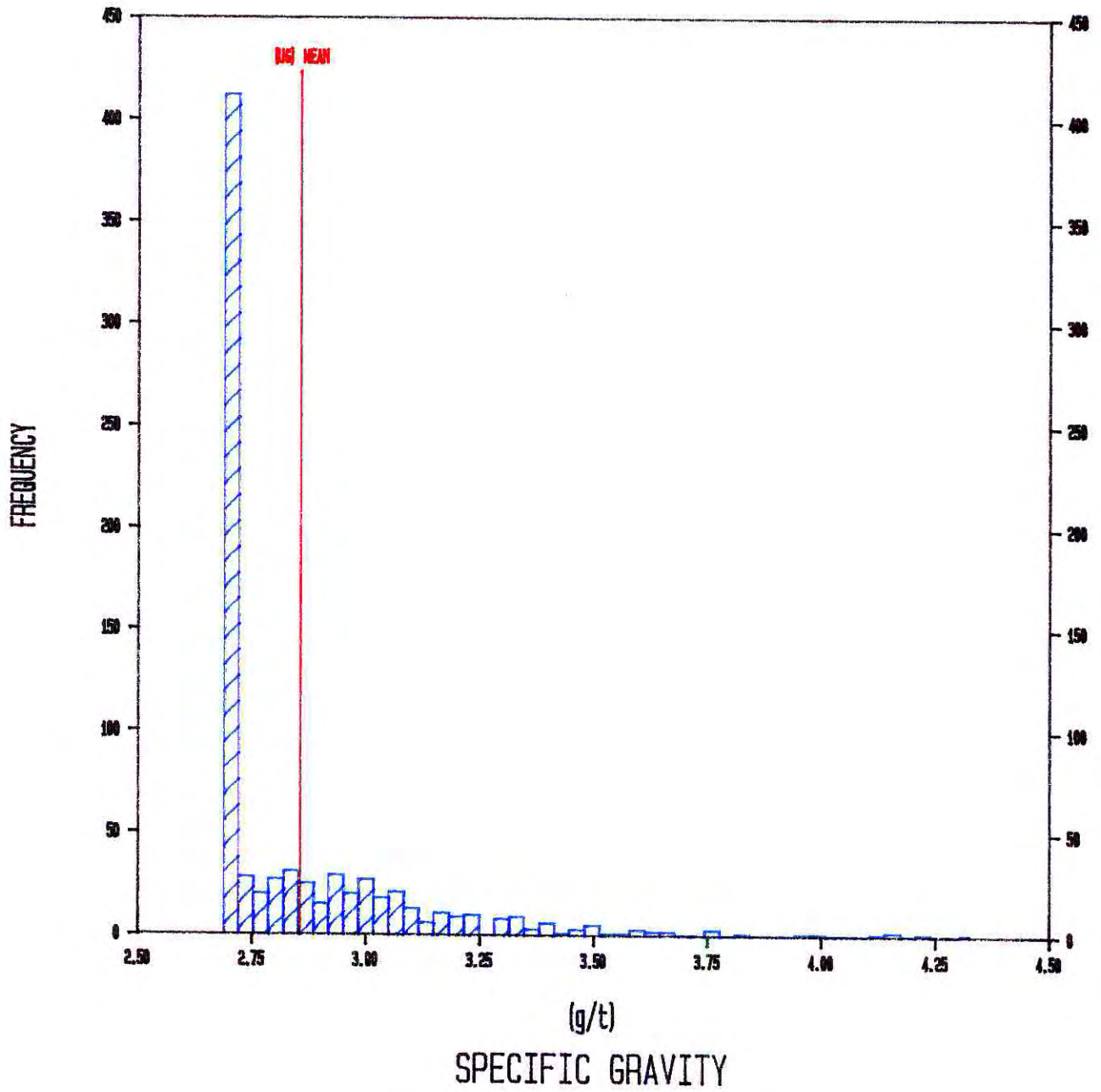
MINIMUM HISTOGRAM VALUE : 2.688
 MAXIMUM HISTOGRAM VALUE : 4.325
 CLASS INTERVAL : .033

MINIMUM POPULATION DATA POINT : 2.688
 MAXIMUM POPULATION DATA POINT : 4.325
 TOTAL POPULATION : 777

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	777	
ARITHMETIC MEAN	2.8537	2.8565
MEDIAN		2.7192
GEOMETRIC MEAN	2.8441	2.8471
NATURAL LOG MEAN	1.0453	1.0463
STANDARD DEVIATION	.2472	.2460
VARIANCE	.0611	.0605
COEFFICIENT OF VARIATION	.0866	.0861
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0611	.0605
MOMENT 3 ABOUT ARITHMETIC MEAN	.0357	.0353
MOMENT 4 ABOUT ARITHMETIC MEAN	.0376	.0371
MOMENT COEFFICIENT OF SKEWNESS	2.3604	2.3748
MOMENT COEFFICIENT OF KURTOSIS	10.0719	10.1462

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO



SG COMPOSITES - SCENARIO 1A
 ROCK CODE 210 INTERVAL CENTER

QUICK-PLOT GEMCOM Services Inc.	DATE - 09-04-90 TIME - 10:09:15	GEMCOM Services Inc. Vancouver Office	GRAM DEPOSIT
HORIZONTAL SCALE - 1 : 35		VERTICAL SCALE - 1 : 35	