

003944

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

GRUM DRILLHOLE DATABASE

CURRAGH RESOURCE
 14: 4:46 Serial no: 2032
 8/ 4/90 Page :

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 : 210 Au CUT

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.001
MAXIMUM CUTOFF VALUE	:	1.119
TOTAL NUMBER OF SAMPLES USED	:	278
MINIMUM HISTOGRAM VALUE	:	.001
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	278	
ARITHMETIC MEAN	.3362	.3368
MEDIAN		.2816
GEOMETRIC MEAN	.2214	.2263
NATURAL LOG MEAN	-1.5077	-1.4858
STANDARD DEVIATION	.2557	.2553
VARIANCE	.0654	.0652
COEFFICIENT OF VARIATION	.7604	.7579
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0654	.0652
MOMENT 3 ABOUT ARITHMETIC MEAN	.0143	.0143
MOMENT 4 ABOUT ARITHMETIC MEAN	.0130	.0130
MOMENT COEFFICIENT OF SKEWNESS	.8581	.8607
MOMENT COEFFICIENT OF KURTOSIS	3.0523	3.0654

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
.00100	.02400	14	.01219	14	.01219	5.04	278	.33621	100.00
.024	.047	6	.032	20	.018	7.19	264	.353	94.96
.047	.070	14	.059	34	.035	12.23	258	.361	92.81
.070	.093	16	.082	50	.050	17.99	244	.378	87.77
.093	.116	13	.104	63	.061	22.66	228	.399	82.01
.116	.139	12	.126	75	.071	26.98	215	.417	77.34
.139	.162	17	.148	92	.085	33.09	203	.434	73.02
.162	.185	7	.176	99	.092	35.61	186	.460	66.91
.185	.208	10	.196	109	.101	39.21	179	.471	64.39
.208	.231	12	.220	121	.113	43.53	169	.488	60.79
.231	.254	4	.245	125	.117	44.96	157	.508	56.47
.254	.277	12	.258	137	.130	49.28	153	.515	55.04
.277	.300	10	.286	147	.140	52.88	141	.537	50.72
.300	.323	12	.310	159	.153	57.19	131	.556	47.12
.323	.346	7	.335	166	.161	59.71	119	.581	42.81

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
.323	.346	7	.335	166	.161	59.71	119	.581	42.81
.346	.369	6	.355	172	.168	61.87	112	.596	40.29
.369	.392	9	.385	181	.178	65.11	106	.610	38.13
.392	.415	4	.404	185	.183	66.55	97	.631	34.89
.415	.438	4	.427	189	.188	67.99	93	.640	33.45
.438	.461	7	.444	196	.198	70.50	89	.650	32.01
.461	.484	7	.472	203	.207	73.02	82	.668	29.50
.484	.507	10	.495	213	.221	76.62	75	.686	26.98
.507	.530	6	.525	219	.229	78.78	65	.715	23.38
.530	.553	5	.543	224	.236	80.58	59	.735	21.22
.553	.576	5	.572	229	.243	82.37	54	.752	19.42
.576	.599	1	.577	230	.245	82.73	49	.771	17.63
.599	.622	6	.610	236	.254	84.89	48	.775	17.27
.622	.645	5	.631	241	.262	86.69	42	.798	15.11
.645	.668	4	.660	245	.268	88.13	37	.821	13.31

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
FROM	TO								
.645	.668	4	.660	245	.268	88.13	37	.821	13.31
.668	.691	3	.677	248	.273	89.21	33	.840	11.87
.691	.714	3	.705	251	.278	90.29	30	.857	10.79
.714	.737	2	.721	253	.282	91.01	27	.874	9.71
.737	.760	2	.745	255	.286	91.73	25	.886	8.99
.760	.783	4	.766	259	.293	93.17	23	.898	8.27
.783	.806	1	.793	260	.295	93.53	19	.926	6.83
.806	.829	5	.818	265	.305	95.32	18	.933	6.47
.829	.852	0	.000	265	.305	95.32	13	.977	4.68
.852	.875	1	.867	266	.307	95.68	13	.977	4.68
.875	.898	1	.894	267	.309	96.04	12	.986	4.32
.898	.921	2	.909	269	.314	96.76	11	.995	3.96
.921	.944	1	.923	270	.316	97.12	9	1.014	3.24
.944	.967	1	.964	271	.318	97.48	8	1.025	2.88
.967	.990	1	.979	272	.321	97.84	7	1.034	2.52

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
FROM	TO								
.783	.806	1	.793	260	.295	93.53	19	.926	6.83
.806	.829	5	.818	265	.305	95.32	18	.933	6.47
.829	.852	0	.000	265	.305	95.32	13	.977	4.68
.852	.875	1	.867	266	.307	95.68	13	.977	4.68
.875	.898	1	.894	267	.309	96.04	12	.986	4.32
.898	.921	2	.909	269	.314	96.76	11	.995	3.96
.921	.944	1	.923	270	.316	97.12	9	1.014	3.24
.944	.967	1	.964	271	.318	97.48	8	1.025	2.88
.967	.990	1	.979	272	.321	97.84	7	1.034	2.52
.990	1.013	2	1.005	274	.326	98.56	6	1.043	2.16
1.013	1.036	2	1.025	276	.331	99.28	4	1.062	1.44
1.036	1.059	0	.000	276	.331	99.28	2	1.099	.72
1.059	1.082	0	.000	276	.331	99.28	2	1.099	.72
1.082	1.105	1	1.084	277	.333	99.64	2	1.099	.72
1.105	1.128	1	1.113	278	.336	100.00	1	1.113	.36

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
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CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1APB.MEX
 DATA DESCRIPTION : Pb COMPS ROCK CODE 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LNT
 DATA DESCRIPTION : 210 CUT PB

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.001
MAXIMUM CUTOFF VALUE	:	7.168
TOTAL NUMBER OF SAMPLES USED	:	371
MINIMUM HISTOGRAM VALUE	:	.001
MAXIMUM HISTOGRAM VALUE	:	7.168
CLASS INTERVAL	:	.156
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	7.168
TOTAL POPULATION	:	777

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	371	
ARITHMETIC MEAN	1.0190	1.0264
MEDIAN		.7098
GEOMETRIC MEAN	.5085	.5854
NATURAL LOG MEAN	-.6764	-.5355
STANDARD DEVIATION	.9901	.9850
VARIANCE	.9802	.9702
COEFFICIENT OF VARIATION	.9716	.9597
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.9802	.9702
MOMENT 3 ABOUT ARITHMETIC MEAN	1.5560	1.5478
MOMENT 4 ABOUT ARITHMETIC MEAN	6.9147	6.8220
MOMENT COEFFICIENT OF SKEWNESS	1.6033	1.6196
MOMENT COEFFICIENT OF KURTOSIS	7.1965	7.2471

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


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#####
CLASS INTERVAL          CUM  CUM  CUM FREQ  DEC  DEC  DEC FREQ
FROM  TO  COUNT  MEAN  COUNT  MEAN  PERCENT  COUNT  MEAN  PERCENT
#####
.00100 .15700  64  .05912  64  .05912  17.25  371  1.01902 100.00
.157   .313   47  .221   111  .128   29.92  307  1.219   82.75
.313   .469   33  .396   144  .189   38.81  260  1.400   70.08
.469   .625   29  .538   173  .248   46.63  227  1.546   61.19
.625   .781   23  .693   196  .300   52.83  198  1.693   53.37
.781   .937   21  .856   217  .354   58.49  175  1.825   47.17
.937   1.093  9  1.039  226  .381   60.92  154  1.957   41.51
1.093  1.249  22  1.161  248  .450   66.85  145  2.013   39.08
1.249  1.405  12  1.335  260  .491   70.08  123  2.166   33.15
1.405  1.561  16  1.480  276  .548   74.39  111  2.256   29.92
1.561  1.717  17  1.638  293  .612   78.98  95   2.386   25.61
1.717  1.873  10  1.783  303  .650   81.67  78   2.550   21.02
1.873  2.029  11  1.955  314  .696   84.64  68   2.662   18.33
2.029  2.185  10  2.062  324  .738   87.33  57   2.799   15.36
2.185  2.341  14  2.255  338  .801   91.11  47   2.956   12.67
    
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F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
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#####
CLASS INTERVAL          CUM  CUM  CUM FREQ  DEC  DEC  DEC FREQ
FROM  TO  COUNT  MEAN  COUNT  MEAN  PERCENT  COUNT  MEAN  PERCENT
#####
2.185  2.341  14  2.255  338  .801   91.11  47  2.956   12.67
2.341  2.497  5  2.439  343  .825   92.45  33  3.253   8.89
2.497  2.653  6  2.591  349  .855   94.07  28  3.399   7.55
2.653  2.809  2  2.723  351  .866   94.61  22  3.619   5.93
2.809  2.965  1  2.933  352  .872   94.88  20  3.708   5.39
2.965  3.121  3  3.028  355  .890   95.69  19  3.749   5.12
3.121  3.277  2  3.197  357  .903   96.23  16  3.885   4.31
3.277  3.433  4  3.372  361  .930   97.30  14  3.983   3.77
3.433  3.589  3  3.518  364  .951   98.11  10  4.227   2.70
3.589  3.745  1  3.610  365  .959   98.38  7   4.531   1.89
3.745  3.901  3  3.834  368  .982   99.19  6   4.684   1.62
3.901  4.057  0  .000   368  .982   99.19  3   5.534   .81
4.057  4.213  0  .000   368  .982   99.19  3   5.534   .81
4.213  4.369  0  .000   368  .982   99.19  3   5.534   .81
4.369  4.525  0  .000   368  .982   99.19  3   5.534   .81
    
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F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT		COUNT	MEAN	
4.369	4.525	0	.000	368	.982	99.19	3	5.534	.81	
4.525	4.681	1	4.643	369	.992	99.46	3	5.534	.81	
4.681	4.837	0	.000	369	.992	99.46	2	5.980	.54	
4.837	4.993	1	4.844	370	1.003	99.73	2	5.980	.54	
4.993	5.149	0	.000	370	1.003	99.73	1	7.116	.27	
5.149	5.305	0	.000	370	1.003	99.73	1	7.116	.27	
5.305	5.461	0	.000	370	1.003	99.73	1	7.116	.27	
5.461	5.617	0	.000	370	1.003	99.73	1	7.116	.27	
5.617	5.773	0	.000	370	1.003	99.73	1	7.116	.27	
5.773	5.929	0	.000	370	1.003	99.73	1	7.116	.27	
5.929	6.085	0	.000	370	1.003	99.73	1	7.116	.27	
6.085	6.241	0	.000	370	1.003	99.73	1	7.116	.27	
6.241	6.397	0	.000	370	1.003	99.73	1	7.116	.27	
6.397	6.553	0	.000	370	1.003	99.73	1	7.116	.27	
6.553	6.709	0	.000	370	1.003	99.73	1	7.116	.27	

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT		COUNT	MEAN	
4.837	4.993	1	4.844	370	1.003	99.73	2	5.980	.54	
4.993	5.149	0	.000	370	1.003	99.73	1	7.116	.27	
5.149	5.305	0	.000	370	1.003	99.73	1	7.116	.27	
5.305	5.461	0	.000	370	1.003	99.73	1	7.116	.27	
5.461	5.617	0	.000	370	1.003	99.73	1	7.116	.27	
5.617	5.773	0	.000	370	1.003	99.73	1	7.116	.27	
5.773	5.929	0	.000	370	1.003	99.73	1	7.116	.27	
5.929	6.085	0	.000	370	1.003	99.73	1	7.116	.27	
6.085	6.241	0	.000	370	1.003	99.73	1	7.116	.27	
6.241	6.397	0	.000	370	1.003	99.73	1	7.116	.27	
6.397	6.553	0	.000	370	1.003	99.73	1	7.116	.27	
6.553	6.709	0	.000	370	1.003	99.73	1	7.116	.27	
6.709	6.865	0	.000	370	1.003	99.73	1	7.116	.27	
6.865	7.021	0	.000	370	1.003	99.73	1	7.116	.27	
7.021	7.177	1	7.116	371	1.019	100.00	1	7.116	.27	

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
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CLASS INTERVAL		COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
FROM	TO								
.00100	.17500	63	.06459	63	.06459	16.84	374	1.50838	100.00
.175	.349	38	.257	101	.137	27.01	311	1.801	83.16
.349	.523	26	.440	127	.199	33.96	273	2.016	72.99
.523	.697	27	.610	154	.271	41.18	247	2.182	66.04
.697	.871	21	.775	175	.332	46.79	220	2.374	58.82
.871	1.045	17	.955	192	.387	51.34	199	2.543	53.21
1.045	1.219	17	1.106	209	.445	55.88	182	2.692	48.66
1.219	1.393	15	1.307	224	.503	59.89	165	2.855	44.12
1.393	1.567	13	1.479	237	.557	63.37	150	3.010	40.11
1.567	1.741	12	1.628	249	.608	66.58	137	3.155	36.63
1.741	1.915	14	1.828	263	.673	70.32	125	3.302	33.42
1.915	2.089	12	2.016	275	.732	73.53	111	3.487	29.68
2.089	2.263	10	2.192	285	.783	76.20	99	3.666	26.47
2.263	2.437	9	2.378	294	.832	78.61	89	3.831	23.80
2.437	2.611	8	2.508	302	.876	80.75	80	3.995	21.39
2.611	2.785	3	2.676	305	.894	81.55	72	4.160	19.25
2.785	2.959	3	2.873	308	.913	82.35	69	4.225	18.45
2.959	3.133	7	3.048	315	.961	84.22	66	4.286	17.65
3.133	3.307	4	3.233	319	.989	85.29	59	4.433	15.78
3.307	3.481	7	3.384	326	1.041	87.17	55	4.520	14.71
3.481	3.655	5	3.576	331	1.079	88.50	48	4.686	12.83
3.655	3.829	4	3.708	335	1.110	89.57	43	4.815	11.50
3.829	4.003	7	3.924	342	1.168	91.44	39	4.929	10.43
4.003	4.177	6	4.074	348	1.218	93.05	32	5.148	8.56
4.177	4.351	1	4.261	349	1.227	93.32	26	5.396	6.95
4.351	4.525	2	4.437	351	1.245	93.85	25	5.442	6.68
4.525	4.699	4	4.610	355	1.283	94.92	23	5.529	6.15
4.699	4.873	3	4.819	358	1.312	95.72	19	5.723	5.08
4.873	5.047	2	4.967	360	1.333	96.26	16	5.892	4.28
5.047	5.221	2	5.163	362	1.354	96.79	14	6.024	3.74
5.221	5.395	1	5.264	363	1.365	97.06	12	6.168	3.21
5.395	5.569	1	5.518	364	1.376	97.33	11	6.250	2.94
5.569	5.743	2	5.685	366	1.400	97.86	10	6.323	2.67
5.743	5.917	1	5.766	367	1.412	98.13	8	6.482	2.14
5.917	6.091	2	5.929	369	1.436	98.66	7	6.585	1.87
6.091	6.265	0	.000	369	1.436	98.66	5	6.847	1.34
6.265	6.439	2	6.344	371	1.463	99.20	5	6.847	1.34
6.439	6.613	0	.000	371	1.463	99.20	3	7.182	.80
6.613	6.787	1	6.617	372	1.476	99.47	3	7.182	.80
6.787	6.961	0	.000	372	1.476	99.47	2	7.464	.53
6.961	7.135	1	6.999	373	1.491	99.73	2	7.464	.53
7.135	7.309	0	.000	373	1.491	99.73	1	7.930	.27
7.309	7.483	0	.000	373	1.491	99.73	1	7.930	.27
7.483	7.657	0	.000	373	1.491	99.73	1	7.930	.27
7.657	7.831	0	.000	373	1.491	99.73	1	7.930	.27
7.831	8.005	1	7.930	374	1.508	100.00	1	7.930	.27
8.005	8.179	0	.000	374	1.508	100.00	0	7.930	.00
8.179	8.353	0	.000	374	1.508	100.00	0	7.930	.00
8.353	8.527	0	.000	374	1.508	100.00	0	7.930	.00
8.527	8.701	0	.000	374	1.508	100.00	0	7.930	.00

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PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 8/ 4/90 GEMCOM : 30.00

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#####
CLASS INTERVAL          CUM   CUM CUM FREQ  DEC  DEC  DEC FREQ
FROM   TO   COUNT  MEAN  COUNT  MEAN PERCENT  COUNT  MEAN PERCENT
#####
.00100 .17500  63  .06459  63  .06459  16.84  374  1.50838 100.00
.175   .349   38  .257    101  .137  27.01  311  1.801   83.16
.349   .523   26  .440    127  .199  33.96  273  2.016   72.99
.523   .697   27  .610    154  .271  41.18  247  2.182   66.04
.697   .871   21  .775    175  .332  46.79  220  2.374   58.82
.871   1.045  17  .955    192  .387  51.34  199  2.543   53.21
1.045  1.219  17  1.106   209  .445  55.88  182  2.692   48.66
1.219  1.393  15  1.307   224  .503  59.89  165  2.855   44.12
1.393  1.567  13  1.479   237  .557  63.37  150  3.010   40.11
1.567  1.741  12  1.628   249  .608  66.58  137  3.155   36.63
1.741  1.915  14  1.828   263  .673  70.32  125  3.302   33.42
1.915  2.089  12  2.016   275  .732  73.53  111  3.487   29.68
2.089  2.263  10  2.192   285  .783  76.20  99   3.666   26.47
2.263  2.437  9   2.378   294  .832  78.61  89   3.831   23.80
2.437  2.611  8   2.508   302  .876  80.75  80   3.995   21.39

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F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
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PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 8/ 4/90 GEMCOM : 30.00

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#####
CLASS INTERVAL          CUM   CUM CUM FREQ  DEC  DEC  DEC FREQ
FROM   TO   COUNT  MEAN  COUNT  MEAN PERCENT  COUNT  MEAN PERCENT
#####
2.437  2.611  8   2.508   302  .876  80.75  80   3.995   21.39
2.611  2.785  3   2.676   305  .894  81.55  72   4.160   19.25
2.785  2.959  3   2.873   308  .913  82.35  69   4.225   18.45
2.959  3.133  7   3.048   315  .961  84.22  66   4.286   17.65
3.133  3.307  4   3.233   319  .989  85.29  59   4.433   15.78
3.307  3.481  7   3.384   326  1.041  87.17  55   4.520   14.71
3.481  3.655  5   3.576   331  1.079  88.50  48   4.686   12.83
3.655  3.829  4   3.708   335  1.110  89.57  43   4.815   11.50
3.829  4.003  7   3.924   342  1.168  91.44  39   4.929   10.43
4.003  4.177  6   4.074   348  1.218  93.05  32   5.148   8.56
4.177  4.351  1   4.261   349  1.227  93.32  26   5.396   6.95
4.351  4.525  2   4.437   351  1.245  93.85  25   5.442   6.68
4.525  4.699  4   4.610   355  1.283  94.92  23   5.529   6.15
4.699  4.873  3   4.819   358  1.312  95.72  19   5.723   5.08
4.873  5.047  2   4.967   360  1.333  96.26  16   5.892   4.28

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F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
4.873	5.047	2	4.967	360	1.333	96.26	16	5.892	4.28
5.047	5.221	2	5.163	362	1.354	96.79	14	6.024	3.74
5.221	5.395	1	5.264	363	1.365	97.06	12	6.168	3.21
5.395	5.569	1	5.518	364	1.376	97.33	11	6.250	2.94
5.569	5.743	2	5.685	366	1.400	97.86	10	6.323	2.67
5.743	5.917	1	5.766	367	1.412	98.13	8	6.482	2.14
5.917	6.091	2	5.929	369	1.436	98.66	7	6.585	1.87
6.091	6.265	0	.000	369	1.436	98.66	5	6.847	1.34
6.265	6.439	2	6.344	371	1.463	99.20	5	6.847	1.34
6.439	6.613	0	.000	371	1.463	99.20	3	7.182	.80
6.613	6.787	1	6.617	372	1.476	99.47	3	7.182	.80
6.787	6.961	0	.000	372	1.476	99.47	2	7.464	.53
6.961	7.135	1	6.999	373	1.491	99.73	2	7.464	.53
7.135	7.309	0	.000	373	1.491	99.73	1	7.930	.27
7.309	7.483	0	.000	373	1.491	99.73	1	7.930	.27

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
6.091	6.265	0	.000	369	1.436	98.66	5	6.847	1.34
6.265	6.439	2	6.344	371	1.463	99.20	5	6.847	1.34
6.439	6.613	0	.000	371	1.463	99.20	3	7.182	.80
6.613	6.787	1	6.617	372	1.476	99.47	3	7.182	.80
6.787	6.961	0	.000	372	1.476	99.47	2	7.464	.53
6.961	7.135	1	6.999	373	1.491	99.73	2	7.464	.53
7.135	7.309	0	.000	373	1.491	99.73	1	7.930	.27
7.309	7.483	0	.000	373	1.491	99.73	1	7.930	.27
7.483	7.657	0	.000	373	1.491	99.73	1	7.930	.27
7.657	7.831	0	.000	373	1.491	99.73	1	7.930	.27
7.831	8.005	1	7.930	374	1.508	100.00	1	7.930	.27
8.005	8.179	0	.000	374	1.508	100.00	0	7.930	.00
8.179	8.353	0	.000	374	1.508	100.00	0	7.930	.00
8.353	8.527	0	.000	374	1.508	100.00	0	7.930	.00
8.527	8.701	0	.000	374	1.508	100.00	0	7.930	.00

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

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 : .001
MAXIMUM CUTOFF VALUE : 118.150
TOTAL NUMBER OF SAMPLES USED : 368

MINIMUM HISTOGRAM VALUE : .001
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

TOTAL NO OF SAMPLES	368	
ARITHMETIC MEAN	17.2477	17.2804
MEDIAN		11.8160
GEOMETRIC MEAN	9.6146	10.1257
NATURAL LOG MEAN	2.2633	2.3151
STANDARD DEVIATION	16.7890	16.7162
VARIANCE	281.8694	279.4322
COEFFICIENT OF VARIATION	.9734	.9673
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	281.8694	279.4322
MOMENT 3 ABOUT ARITHMETIC MEAN	8905.6210	8748.0070
MOMENT 4 ABOUT ARITHMETIC MEAN	691417.5000	671517.4000
MOMENT COEFFICIENT OF SKEWNESS	1.8819	1.8728
MOMENT COEFFICIENT OF KURTOSIS	8.7025	8.6001

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 8/ 4/90 GEMCOM : 30.00

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
.00100	2.36400	51	1.19322	51	1.19322	13.86	368	17.24775	100.00
2.364	4.727	38	3.429	89	2.148	24.18	317	19.831	86.14
4.727	7.090	36	5.805	125	3.201	33.97	279	22.065	75.82
7.090	9.453	34	8.203	159	4.271	43.21	243	24.473	66.03
9.453	11.816	25	10.593	184	5.130	50.00	209	27.120	56.79
11.816	14.179	18	12.951	202	5.827	54.89	184	29.366	50.00
14.179	16.542	18	15.334	220	6.605	59.78	166	31.146	45.11
16.542	18.905	18	17.438	238	7.424	64.67	148	33.069	40.22
18.905	21.268	12	20.409	250	8.047	67.93	130	35.233	35.33
21.268	23.631	15	22.362	265	8.857	72.01	118	36.741	32.07
23.631	25.994	17	24.370	282	9.793	76.63	103	38.835	27.99
25.994	28.357	8	27.265	290	10.275	78.80	86	41.694	23.37
28.357	30.720	9	29.913	299	10.866	81.25	78	43.174	21.20
30.720	33.083	10	32.172	309	11.555	83.97	69	44.903	18.75
33.083	35.446	10	34.294	319	12.268	86.68	59	47.061	16.03

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
#####

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 8/ 4/90 GEMCOM : 30.00

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
33.083	35.446	10	34.294	319	12.268	86.68	59	47.061	16.03
35.446	37.809	10	36.741	329	13.012	89.40	49	49.667	13.32
37.809	40.172	7	38.798	336	13.549	91.30	39	52.981	10.60
40.172	42.535	6	41.316	342	14.036	92.93	32	56.083	8.70
42.535	44.898	5	44.237	347	14.471	94.29	26	59.491	7.07
44.898	47.261	3	45.975	350	14.741	95.11	21	63.123	5.71
47.261	49.624	2	49.302	352	14.938	95.65	18	65.981	4.89
49.624	51.987	0	.000	352	14.938	95.65	16	68.066	4.35
51.987	54.350	2	52.693	354	15.151	96.20	16	68.066	4.35
54.350	56.713	2	55.640	356	15.379	96.74	14	70.262	3.80
56.713	59.076	2	57.557	358	15.614	97.28	12	72.699	3.26
59.076	61.439	2	60.014	360	15.861	97.83	10	75.728	2.72
61.439	63.802	1	62.615	361	15.990	98.10	8	79.656	2.17
63.802	66.165	1	64.979	362	16.126	98.37	7	82.091	1.90
66.165	68.528	2	67.365	364	16.407	98.91	6	84.943	1.63

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
66.165	68.528	2	67.365	364	16.407	98.91	6	84.943	1.63
68.528	70.891	0	.000	364	16.407	98.91	4	93.732	1.09
70.891	73.254	1	72.203	365	16.560	99.18	4	93.732	1.09
73.254	75.617	0	.000	365	16.560	99.18	3	100.908	.82
75.617	77.980	1	76.305	366	16.723	99.46	3	100.908	.82
77.980	80.343	0	.000	366	16.723	99.46	2	113.209	.54
80.343	82.706	0	.000	366	16.723	99.46	2	113.209	.54
82.706	85.069	0	.000	366	16.723	99.46	2	113.209	.54
85.069	87.432	0	.000	366	16.723	99.46	2	113.209	.54
87.432	89.795	0	.000	366	16.723	99.46	2	113.209	.54
89.795	92.158	0	.000	366	16.723	99.46	2	113.209	.54
92.158	94.521	0	.000	366	16.723	99.46	2	113.209	.54
94.521	96.884	0	.000	366	16.723	99.46	2	113.209	.54
96.884	99.247	0	.000	366	16.723	99.46	2	113.209	.54
99.247	101.610	0	.000	366	16.723	99.46	2	113.209	.54

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
82.706	85.069	0	.000	366	16.723	99.46	2	113.209	.54
85.069	87.432	0	.000	366	16.723	99.46	2	113.209	.54
87.432	89.795	0	.000	366	16.723	99.46	2	113.209	.54
89.795	92.158	0	.000	366	16.723	99.46	2	113.209	.54
92.158	94.521	0	.000	366	16.723	99.46	2	113.209	.54
94.521	96.884	0	.000	366	16.723	99.46	2	113.209	.54
96.884	99.247	0	.000	366	16.723	99.46	2	113.209	.54
99.247	101.610	0	.000	366	16.723	99.46	2	113.209	.54
101.610	103.973	0	.000	366	16.723	99.46	2	113.209	.54
103.973	106.336	0	.000	366	16.723	99.46	2	113.209	.54
106.336	108.699	1	108.269	367	16.973	99.73	2	113.209	.54
108.699	111.062	0	.000	367	16.973	99.73	1	118.150	.27
111.062	113.425	0	.000	367	16.973	99.73	1	118.150	.27
113.425	115.788	0	.000	367	16.973	99.73	1	118.150	.27
115.788	118.151	1	118.150	368	17.248	100.00	1	118.150	.27

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\210S1ASG.MEX
DATA DESCRIPTION : S6 COMPS RC 210 (INT. CENTER) LNTH WT'D; SHLWDDH=1 BY LENGTH
DATA DESCRIPTION : S6 210 CUT

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.701
MAXIMUM CUTOFF VALUE	:	4.325
TOTAL NUMBER OF SAMPLES USED	:	371
MINIMUM HISTOGRAM VALUE	:	2.701
MAXIMUM HISTOGRAM VALUE	:	4.325
CLASS INTERVAL	:	.034
MINIMUM POPULATION DATA POINT	:	2.688
MAXIMUM POPULATION DATA POINT	:	4.325
TOTAL POPULATION	:	777

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	371	
ARITHMETIC MEAN	3.0175	3.0175
MEDIAN		2.9568
GEOMETRIC MEAN	3.0069	3.0069
NATURAL LOG MEAN	1.1009	1.1009
STANDARD DEVIATION	.2637	.2637
VARIANCE	.0695	.0695
COEFFICIENT OF VARIATION	.0874	.0874
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0695	.0695
MOMENT 3 ABOUT ARITHMETIC MEAN	.0315	.0314
MOMENT 4 ABOUT ARITHMETIC MEAN	.0330	.0329
MOMENT COEFFICIENT OF SKEWNESS	1.7180	1.7148
MOMENT COEFFICIENT OF KURTOSIS	6.8230	6.8149

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO


```

#####
CLASS INTERVAL
FROM TO COUNT MEAN CUM COUNT CUM MEAN CUM FREQ DEC DEC DEC FREQ
#####
2.701 2.735 16 2.718 16 2.718 4.31 371 3.017 100.00
2.735 2.769 28 2.751 44 2.739 11.86 355 3.031 95.69
2.769 2.803 31 2.787 75 2.759 20.22 327 3.055 88.14
2.803 2.837 26 2.825 101 2.776 27.22 296 3.083 79.78
2.837 2.871 21 2.851 122 2.789 32.88 270 3.108 72.78
2.871 2.905 25 2.884 147 2.805 39.62 249 3.129 67.12
2.905 2.939 27 2.925 174 2.824 46.90 224 3.157 60.38
2.939 2.973 22 2.955 196 2.839 52.83 197 3.189 53.10
2.973 3.007 27 2.993 223 2.857 60.11 175 3.218 47.17
3.007 3.041 20 3.023 243 2.871 65.50 148 3.259 39.89
3.041 3.075 18 3.059 261 2.884 70.35 128 3.296 34.50
3.075 3.109 17 3.089 278 2.896 74.93 110 3.335 29.65
3.109 3.143 7 3.120 285 2.902 76.82 93 3.380 25.07
3.143 3.177 13 3.156 298 2.913 80.32 86 3.401 23.18
3.177 3.211 6 3.197 304 2.919 81.94 73 3.444 19.68
    
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F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
#####

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#####
CLASS INTERVAL
FROM TO COUNT MEAN CUM COUNT CUM MEAN CUM FREQ DEC DEC DEC FREQ
#####
3.177 3.211 6 3.197 304 2.919 81.94 73 3.444 19.68
3.211 3.245 12 3.223 316 2.930 85.18 67 3.467 18.06
3.245 3.279 1 3.246 317 2.931 85.44 55 3.520 14.82
3.279 3.313 7 3.295 324 2.939 87.33 54 3.525 14.56
3.313 3.347 10 3.335 334 2.951 90.03 47 3.559 12.67
3.347 3.381 3 3.367 337 2.954 90.84 37 3.619 9.97
3.381 3.415 6 3.396 343 2.962 92.45 34 3.642 9.16
3.415 3.449 1 3.424 344 2.964 92.72 28 3.694 7.55
3.449 3.483 4 3.474 348 2.969 93.80 27 3.704 7.28
3.483 3.517 5 3.505 353 2.977 95.15 23 3.745 6.20
3.517 3.551 0 .000 353 2.977 95.15 18 3.811 4.85
3.551 3.585 1 3.557 354 2.979 95.42 18 3.811 4.85
3.585 3.619 4 3.602 358 2.986 96.50 17 3.826 4.58
3.619 3.653 3 3.641 361 2.991 97.30 13 3.895 3.50
3.653 3.687 0 .000 361 2.991 97.30 10 3.972 2.70
    
```

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT				
3.653	3.687	0	.000	361	2.991	97.30	10	3.972	2.70	
3.687	3.721	0	.000	361	2.991	97.30	10	3.972	2.70	
3.721	3.755	1	3.753	362	2.993	97.57	10	3.972	2.70	
3.755	3.789	2	3.763	364	2.997	98.11	9	3.996	2.43	
3.789	3.823	0	.000	364	2.997	98.11	7	4.063	1.89	
3.823	3.857	1	3.831	365	3.000	98.38	7	4.063	1.89	
3.857	3.891	0	.000	365	3.000	98.38	6	4.101	1.62	
3.891	3.925	0	.000	365	3.000	98.38	6	4.101	1.62	
3.925	3.959	0	.000	365	3.000	98.38	6	4.101	1.62	
3.959	3.993	2	3.978	367	3.005	98.92	6	4.101	1.62	
3.993	4.027	0	.000	367	3.005	98.92	4	4.163	1.08	
4.027	4.061	0	.000	367	3.005	98.92	4	4.163	1.08	
4.061	4.095	0	.000	367	3.005	98.92	4	4.163	1.08	
4.095	4.129	1	4.109	368	3.008	99.19	4	4.163	1.08	
4.129	4.163	1	4.161	369	3.011	99.46	3	4.181	.81	

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####

#####

CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT				
3.823	3.857	1	3.831	365	3.000	98.38	7	4.063	1.89	
3.857	3.891	0	.000	365	3.000	98.38	6	4.101	1.62	
3.891	3.925	0	.000	365	3.000	98.38	6	4.101	1.62	
3.925	3.959	0	.000	365	3.000	98.38	6	4.101	1.62	
3.959	3.993	2	3.978	367	3.005	98.92	6	4.101	1.62	
3.993	4.027	0	.000	367	3.005	98.92	4	4.163	1.08	
4.027	4.061	0	.000	367	3.005	98.92	4	4.163	1.08	
4.061	4.095	0	.000	367	3.005	98.92	4	4.163	1.08	
4.095	4.129	1	4.109	368	3.008	99.19	4	4.163	1.08	
4.129	4.163	1	4.161	369	3.011	99.46	3	4.181	.81	
4.163	4.197	1	4.165	370	3.014	99.73	2	4.191	.54	
4.197	4.231	1	4.216	371	3.017	100.00	1	4.216	.27	
4.231	4.265	0	.000	371	3.017	100.00	0	4.216	.00	
4.265	4.299	0	.000	371	3.017	100.00	0	4.216	.00	
4.299	4.333	0	.000	371	3.017	100.00	0	4.216	.00	

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
#####