CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\grum\stats\23sn2bpb.mex
DATA DESCRIPTION : Pb COMPS RC20-30 (INT CENTER) LNTH*SG WT'D DDH<45 BY // PLANES
DATA DESCRIPTION : ROCK CODES 20-30 SN2B Pb

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	8.700
TOTAL NUMBER OF SAMPLES USED	:	1669
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	8.700
CLASS INTERVAL	:	.174
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	6.700
TOTAL POPULATION	:	1669

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1669	
ARITHMETIC MEAN	1.7560	1.7627
MEDIAN		1.5318
GEOMETRIC MEAN	.7325	1.0912
NATURAL LOG MEAN	-.3112	.0872
STANDARD DEVIATION	1.4233	1.4167
VARIANCE	2.0259	2.0071
COEFFICIENT OF VARIATION	.8106	.8037
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	2.0259	2.0071
MOMENT 3 ABOUT ARITHMETIC MEAN	3.0460	3.0713
MOMENT 4 ABOUT ARITHMETIC MEAN	16.5880	16.4377
MOMENT COEFFICIENT OF SKEWNESS	1.0563	1.0801
MOMENT COEFFICIENT OF KURTOSIS	4.0416	4.0803

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 12/ 4/90 GEMCOM : 30.00

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00010	.17400	198	.04244	198	.04244	11.86	1669	1.75600	100.00
.174	.348	84	.257	282	.106	16.90	1471	1.987	88.14
.348	.522	76	.433	358	.176	21.45	1387	2.091	83.10
.522	.696	95	.608	453	.266	27.14	1311	2.188	78.55
.696	.870	62	.779	515	.328	30.86	1216	2.311	72.86
.870	1.044	87	.949	602	.418	36.07	1154	2.393	69.14
1.044	1.218	74	1.138	676	.497	40.50	1067	2.511	63.93
1.218	1.392	87	1.301	763	.588	45.72	993	2.613	59.50
1.392	1.566	89	1.482	852	.682	51.05	906	2.739	54.28
1.566	1.740	83	1.647	935	.767	56.02	817	2.876	48.95
1.740	1.914	94	1.829	1029	.864	61.65	734	3.015	43.98
1.914	2.088	88	1.999	1117	.954	66.93	640	3.190	38.35
2.088	2.262	60	2.184	1177	1.016	70.52	552	3.379	33.07
2.262	2.436	66	2.344	1243	1.087	74.48	492	3.525	29.48
2.436	2.610	47	2.530	1290	1.140	77.29	426	3.708	25.52
2.610	2.784	55	2.699	1345	1.203	80.59	379	3.854	22.71
2.784	2.958	30	2.871	1375	1.240	82.38	324	4.050	19.41
2.958	3.132	46	3.024	1421	1.297	85.14	294	4.171	17.62
3.132	3.306	29	3.220	1450	1.336	86.88	248	4.383	14.86
3.306	3.480	30	3.387	1480	1.377	88.68	219	4.538	13.12
3.480	3.654	16	3.578	1496	1.401	89.63	189	4.720	11.32
3.654	3.828	14	3.733	1510	1.423	90.47	173	4.826	10.37
3.828	4.002	13	3.923	1523	1.444	91.25	159	4.922	9.53
4.002	4.176	20	4.100	1543	1.478	92.45	146	5.011	8.75
4.176	4.350	14	4.278	1557	1.504	93.29	126	5.156	7.55
4.350	4.524	17	4.436	1574	1.535	94.31	112	5.265	6.71
4.524	4.698	13	4.576	1587	1.560	95.09	95	5.414	5.69
4.698	4.872	12	4.795	1599	1.584	95.81	82	5.546	4.91
4.872	5.046	13	4.966	1612	1.612	96.58	70	5.675	4.19
5.046	5.220	7	5.162	1619	1.627	97.00	57	5.837	3.42
5.220	5.394	8	5.287	1627	1.645	97.48	50	5.932	3.00
5.394	5.568	8	5.481	1635	1.664	97.96	42	6.054	2.52
5.568	5.742	5	5.645	1640	1.676	98.26	34	6.189	2.04
5.742	5.916	6	5.810	1646	1.691	98.62	29	6.283	1.74
5.916	6.090	5	5.994	1651	1.704	98.92	23	6.407	1.38
6.090	6.264	7	6.137	1658	1.723	99.34	18	6.521	1.08
6.264	6.438	2	6.343	1660	1.728	99.46	11	6.765	.66
6.438	6.612	5	6.476	1665	1.743	99.76	9	6.859	.54
6.612	6.786	1	6.646	1666	1.746	99.82	4	7.339	.24
6.786	6.960	1	6.881	1667	1.749	99.88	3	7.570	.18
6.960	7.134	1	7.128	1668	1.752	99.94	2	7.914	.12
7.134	7.308	0	.000	1668	1.752	99.94	1	8.701	.06
7.308	7.482	0	.000	1668	1.752	99.94	1	8.701	.06
7.482	7.656	0	.000	1668	1.752	99.94	1	8.701	.06
7.656	7.830	0	.000	1668	1.752	99.94	1	8.701	.06
7.830	8.004	0	.000	1668	1.752	99.94	1	8.701	.06
8.004	8.178	0	.000	1668	1.752	99.94	1	8.701	.06
8.178	8.352	0	.000	1668	1.752	99.94	1	8.701	.06
8.352	8.526	0	.000	1668	1.752	99.94	1	8.701	.06
8.526	8.700	1	8.700	1669	1.756	100.00	1	8.701	.06

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