CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\57SN1_SG.MEX
DATA DESCRIPTION : SG-RED. RC50-70 (INT. CENTER) LNTH WT'D DDH <45 BY LENGTHS
DATA DESCRIPTION : ROCK CODES 50-70 SN1A SG-REDUCED

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.646
MAXIMUM CUTOFF VALUE	:	4.751
TOTAL NUMBER OF SAMPLES USED	:	590
MINIMUM HISTOGRAM VALUE	:	2.646
MAXIMUM HISTOGRAM VALUE	:	4.751
CLASS INTERVAL	:	.043
MINIMUM POPULATION DATA POINT	:	2.646
MAXIMUM POPULATION DATA POINT	:	4.751
TOTAL POPULATION	:	590

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	590	
ARITHMETIC MEAN	3.8085	3.8079
MEDIAN		3.8249
GEOMETRIC MEAN	3.7774	3.7768
NATURAL LOG MEAN	1.3290	1.3289
STANDARD DEVIATION	.4798	.4794
VARIANCE	.2302	.2298
COEFFICIENT OF VARIATION	.1260	.1259
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.2302	.2298
MOMENT 3 ABOUT ARITHMETIC MEAN	-.0191	-.0193
MOMENT 4 ABOUT ARITHMETIC MEAN	.1198	.1192
MOMENT COEFFICIENT OF SKEWNESS	-.1726	-.1754
MOMENT COEFFICIENT OF KURTOSIS	2.2600	2.2565

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 13/ 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
2.646	2.689	5	2.646	5	2.646	.85	590	3.809	100.00
2.689	2.732	1	2.721	6	2.658	1.02	585	3.818	99.15
2.732	2.775	1	2.737	7	2.670	1.19	584	3.820	98.98
2.775	2.818	1	2.816	8	2.688	1.36	583	3.822	98.81
2.818	2.861	3	2.851	11	2.732	1.86	582	3.824	98.64
2.861	2.904	3	2.896	14	2.768	2.37	579	3.829	98.14
2.904	2.947	7	2.927	21	2.821	3.56	576	3.834	97.63
2.947	2.990	6	2.977	27	2.856	4.58	569	3.845	96.44
2.990	3.033	9	3.021	36	2.897	6.10	563	3.854	95.42
3.033	3.076	11	3.058	47	2.935	7.97	554	3.868	93.90
3.076	3.119	9	3.095	56	2.960	9.49	543	3.884	92.03
3.119	3.162	9	3.138	65	2.985	11.02	534	3.897	90.51
3.162	3.205	11	3.185	76	3.014	12.88	525	3.910	88.98
3.205	3.248	14	3.227	90	3.047	15.25	514	3.926	87.12
3.248	3.291	14	3.274	104	3.078	17.63	500	3.946	84.75
3.291	3.334	12	3.316	116	3.102	19.66	486	3.965	82.37
3.334	3.377	9	3.357	125	3.121	21.19	474	3.981	80.34
3.377	3.420	13	3.393	138	3.146	23.39	465	3.993	78.81
3.420	3.463	12	3.441	150	3.170	25.42	452	4.011	76.61
3.463	3.506	13	3.485	163	3.195	27.63	440	4.026	74.58
3.506	3.549	15	3.526	178	3.223	30.17	427	4.043	72.37
3.549	3.592	15	3.569	193	3.250	32.71	412	4.062	69.83
3.592	3.635	14	3.608	207	3.274	35.08	397	4.080	67.29
3.635	3.678	17	3.653	224	3.303	37.97	383	4.097	64.92
3.678	3.721	20	3.696	244	3.335	41.36	366	4.118	62.03
3.721	3.764	21	3.739	265	3.367	44.92	346	4.142	58.64
3.764	3.807	20	3.786	285	3.396	48.31	325	4.169	55.08
3.807	3.850	24	3.835	309	3.430	52.37	305	4.194	51.69
3.850	3.893	19	3.876	328	3.456	55.59	281	4.224	47.63
3.893	3.936	17	3.918	345	3.479	58.47	262	4.249	44.41
3.936	3.979	10	3.960	355	3.493	60.17	245	4.272	41.53
3.979	4.022	20	4.000	375	3.520	63.56	235	4.286	39.83
4.022	4.065	19	4.041	394	3.545	66.78	215	4.312	36.44
4.065	4.108	13	4.082	407	3.562	68.98	196	4.339	33.22
4.108	4.151	22	4.134	429	3.591	72.71	183	4.357	31.02
4.151	4.194	16	4.175	445	3.612	75.42	161	4.387	27.29
4.194	4.237	25	4.216	470	3.644	79.66	145	4.411	24.58
4.237	4.280	20	4.255	490	3.669	83.05	120	4.451	20.34
4.280	4.323	13	4.305	503	3.686	85.25	100	4.490	16.95
4.323	4.366	9	4.353	512	3.698	86.78	87	4.518	14.75
4.366	4.409	12	4.388	524	3.713	88.81	78	4.537	13.22
4.409	4.452	10	4.432	534	3.727	90.51	66	4.564	11.19
4.452	4.495	5	4.467	539	3.734	91.36	56	4.588	9.49
4.495	4.538	10	4.520	549	3.748	93.05	51	4.600	8.64
4.538	4.581	18	4.561	567	3.774	96.10	41	4.619	6.95
4.581	4.624	5	4.593	572	3.781	96.95	23	4.665	3.90
4.624	4.667	8	4.646	580	3.793	98.31	18	4.685	3.05
4.667	4.710	5	4.689	585	3.801	99.15	10	4.715	1.69
4.710	4.751	5	4.741	590	3.809	100.00	5	4.741	.85

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