CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\COMPP30.MEX
DATA DESCRIPTION : Pb+Zn LENGTH COMPOSITES WITH ROCK CODE 30 AT INTERVAL CENTER
DATA DESCRIPTION : // P. 30

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	27.500
TOTAL NUMBER OF SAMPLES USED	:	420
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	27.500
CLASS INTERVAL	:	.573
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	27.500
TOTAL POPULATION	:	420

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	420	
ARITHMETIC MEAN	5.9613	5.9519
MEDIAN		4.1933
GEOMETRIC MEAN	3.0882	3.7779
NATURAL LOG MEAN	1.1276	1.3292
STANDARD DEVIATION	5.6262	5.6121
VARIANCE	31.6540	31.4942
COEFFICIENT OF VARIATION	.9437	.9413
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	31.6540	31.4942
MOMENT 3 ABOUT ARITHMETIC MEAN	293.3343	291.4978
MOMENT 4 ABOUT ARITHMETIC MEAN	5343.2620	5273.1360
MOMENT COEFFICIENT OF SKEWNESS	1.6471	1.6491
MOMENT COEFFICIENT OF KURTOSIS	5.3327	5.3156

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

PC-XPLOR Version 1.22 CURRAGH RESOURCES 20320 30/ 3/90 BEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.57300	25	.22151	25	.22151	5.95	420	5.96185	100.00
.573	1.146	27	.861	52	.554	12.38	395	6.325	94.05
1.146	1.719	29	1.475	81	.883	19.29	368	6.725	87.62
1.719	2.292	37	1.962	118	1.222	28.10	339	7.175	80.71
2.292	2.865	23	2.580	141	1.443	33.57	302	7.814	71.90
2.865	3.438	32	3.155	173	1.760	41.19	279	8.245	66.43
3.438	4.011	30	3.678	203	2.043	48.33	247	8.905	58.81
4.011	4.584	22	4.290	225	2.262	53.57	217	9.628	51.67
4.584	5.157	20	4.913	245	2.478	58.33	195	10.231	46.43
5.157	5.730	25	5.456	270	2.754	64.29	175	10.839	41.67
5.730	6.303	19	6.074	289	2.972	68.81	150	11.736	35.71
6.303	6.876	13	6.609	302	3.129	71.90	131	12.557	31.19
6.876	7.449	13	7.176	315	3.296	75.00	118	13.212	28.10
7.449	8.022	10	7.766	325	3.433	77.38	105	13.980	25.00
8.022	8.595	9	8.364	334	3.566	79.52	95	14.612	22.62
8.595	9.168	8	8.866	342	3.690	81.43	86	15.265	20.48
9.168	9.741	9	9.491	351	3.839	83.57	78	15.922	18.57
9.741	10.314	2	10.068	353	3.874	84.05	69	16.761	16.43
10.314	10.887	3	10.505	356	3.930	84.76	67	16.960	15.95
10.887	11.460	2	11.201	358	3.971	85.24	64	17.263	15.24
11.460	12.033	4	11.588	362	4.055	86.19	62	17.459	14.76
12.033	12.606	7	12.247	369	4.210	87.86	58	17.863	13.81
12.606	13.179	3	12.883	372	4.280	88.57	51	18.634	12.14
13.179	13.752	3	13.446	375	4.354	89.29	48	18.994	11.43
13.752	14.325	4	14.114	379	4.457	90.24	45	19.364	10.71
14.325	14.898	4	14.577	383	4.563	91.19	41	19.876	9.76
14.898	15.471	0	.000	383	4.563	91.19	37	20.446	8.81
15.471	16.044	2	15.800	385	4.621	91.67	37	20.446	8.81
16.044	16.617	1	16.445	386	4.652	91.90	35	20.712	8.33
16.617	17.190	3	16.909	389	4.746	92.62	34	20.837	8.10
17.190	17.763	2	17.458	391	4.811	93.10	31	21.217	7.38
17.763	18.336	3	18.141	394	4.913	93.81	29	21.477	6.90
18.336	18.909	1	18.571	395	4.947	94.05	26	21.862	6.19
18.909	19.482	3	19.004	398	5.053	94.76	25	21.993	5.95
19.482	20.055	1	20.031	399	5.091	95.00	22	22.401	5.24
20.055	20.628	6	20.354	405	5.317	96.43	21	22.514	5.00
20.628	21.201	3	20.835	408	5.431	97.14	15	23.376	3.57
21.201	21.774	2	21.389	410	5.509	97.62	12	24.013	2.86
21.774	22.347	2	22.231	412	5.590	98.10	10	24.538	2.38
22.347	22.920	1	22.905	413	5.632	98.33	8	25.115	1.90
22.920	23.493	0	.000	413	5.632	98.33	7	25.431	1.67
23.493	24.066	0	.000	413	5.632	98.33	7	25.431	1.67
24.066	24.639	3	24.354	416	5.767	99.05	7	25.431	1.67
24.639	25.212	1	25.135	417	5.813	99.29	4	26.231	.95
25.212	25.785	1	25.688	418	5.861	99.52	3	26.596	.71
25.785	26.358	0	.000	418	5.861	99.52	2	27.050	.48
26.358	26.931	1	26.600	419	5.910	99.76	2	27.050	.48
26.931	27.504	1	27.500	420	5.962	100.00	1	27.500	.24

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

CAPS NUM LOCK

PE-XPLOR Version :1.22 CURRAGH RESOURCES 20320 30/ 3/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.57300	25	.22151	25	.22151	5.95	420	5.96185	100.00
.573	1.146	27	.841	52	.554	12.38	395	6.325	94.05
1.146	1.719	29	1.475	81	.883	19.29	368	6.725	87.62
1.719	2.292	37	1.962	118	1.222	28.10	339	7.175	80.71
2.292	2.865	23	2.580	141	1.443	33.57	302	7.814	71.90
2.865	3.438	32	3.155	173	1.760	41.19	279	8.245	66.43
3.438	4.011	30	3.678	203	2.043	48.33	247	8.905	58.81
4.011	4.584	22	4.280	225	2.262	53.57	217	9.628	51.67
4.584	5.157	20	4.913	245	2.478	58.33	195	10.231	46.43
5.157	5.730	25	5.456	270	2.754	64.29	175	10.839	41.67
5.730	6.303	19	6.074	289	2.972	68.81	150	11.736	35.71
6.303	6.876	13	6.609	302	3.129	71.90	131	12.557	31.19
6.876	7.449	13	7.176	315	3.296	75.00	118	13.212	28.10
7.449	8.022	10	7.766	325	3.433	77.38	105	13.960	25.00
8.022	8.595	9	8.364	334	3.566	79.52	95	14.612	22.62
8.595	9.168	8	8.866	342	3.690	81.43	86	15.265	20.48
9.168	9.741	9	9.491	351	3.839	83.57	78	15.922	18.57
9.741	10.314	2	10.068	353	3.874	84.05	69	16.761	16.43
10.314	10.887	3	10.505	356	3.930	84.76	67	16.960	15.95
10.887	11.460	2	11.201	358	3.971	85.24	64	17.263	15.24
11.460	12.033	4	11.588	362	4.055	86.19	62	17.459	14.76
12.033	12.606	7	12.247	369	4.210	87.86	58	17.863	13.81
12.606	13.179	3	12.883	372	4.280	88.57	51	18.634	12.14
13.179	13.752	3	13.446	375	4.354	89.29	48	18.994	11.43
13.752	14.325	4	14.114	379	4.457	90.24	45	19.364	10.71
14.325	14.898	4	14.599	383	4.563	91.19	41	19.876	9.76
14.898	15.471	0	.000	383	4.563	91.19	37	20.446	8.81
15.471	16.044	2	15.800	385	4.621	91.67	37	20.446	8.81
16.044	16.617	1	16.445	386	4.652	91.90	35	20.712	8.33
16.617	17.190	3	16.909	389	4.746	92.62	34	20.837	8.10
17.190	17.763	2	17.458	391	4.811	93.10	31	21.217	7.38
17.763	18.336	3	18.141	394	4.913	93.81	29	21.477	6.90
18.336	18.909	1	18.571	395	4.947	94.05	26	21.862	6.19
18.909	19.482	3	19.004	398	5.033	94.75	25	21.793	5.95
19.482	20.055	1	20.031	399	5.091	95.00	22	22.401	5.24
20.055	20.628	6	20.354	405	5.317	96.43	21	22.514	5.00
20.628	21.201	3	20.835	408	5.431	97.14	15	23.378	3.57
21.201	21.774	2	21.389	410	5.509	97.62	12	24.013	2.86
21.774	22.347	2	22.231	412	5.590	98.10	10	24.538	2.38
22.347	22.920	1	22.905	413	5.632	98.33	8	25.115	1.90
22.920	23.493	0	.000	413	5.632	98.33	7	25.431	1.67
23.493	24.066	0	.000	413	5.632	98.33	7	25.431	1.67
24.066	24.639	3	24.354	416	5.767	99.05	7	25.431	1.67
24.639	25.212	1	25.135	417	5.813	99.29	4	26.231	.95
25.212	25.785	1	25.688	418	5.861	99.52	3	26.596	.71
25.785	26.358	0	.000	418	5.861	99.52	2	27.050	.48
26.358	26.931	1	26.600	419	5.910	99.76	2	27.050	.48
26.931	27.504	1	27.500	420	5.962	100.00	1	27.500	.24

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

CAPS NUM LOCK

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 30/ 3/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.57300	25	.22151	25	.22151	5.95	420	5.96185	100.00
.573	1.146	27	.861	52	.554	12.38	395	6.325	94.05
1.146	1.719	29	1.475	81	.883	19.29	368	6.726	87.62
1.719	2.292	37	1.962	118	1.222	28.10	339	7.175	80.71
2.292	2.865	23	2.580	141	1.443	33.57	302	7.814	71.90
2.865	3.438	32	3.155	173	1.760	41.19	279	8.245	66.43
3.438	4.011	30	3.678	203	2.043	48.33	247	8.905	58.81
4.011	4.584	22	4.280	225	2.262	53.57	217	9.628	51.67
4.584	5.157	20	4.913	245	2.478	58.33	195	10.231	46.43
5.157	5.730	25	5.456	270	2.754	64.29	175	10.839	41.67
5.730	6.303	19	6.074	289	2.972	68.81	150	11.736	35.71
6.303	6.876	13	6.609	302	3.129	71.90	131	12.557	31.19
6.876	7.449	13	7.176	315	3.296	75.00	118	13.212	28.10
7.449	8.022	10	7.766	325	3.433	77.38	105	13.960	25.00
8.022	8.595	9	8.364	334	3.566	79.52	95	14.612	22.62

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

CAPS NUM LOCK

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 30/ 3/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
8.022	8.595	9	8.364	334	3.566	79.52	95	14.612	22.62
8.595	9.168	8	8.866	342	3.690	81.43	86	15.265	20.48
9.168	9.741	9	9.491	351	3.839	83.57	78	15.922	18.57
9.741	10.314	2	10.068	353	3.874	84.05	69	16.761	16.43
10.314	10.887	3	10.505	356	3.930	84.76	67	16.960	15.95
10.887	11.460	2	11.201	358	3.971	85.24	64	17.263	15.24
11.460	12.033	4	11.588	362	4.055	86.19	62	17.459	14.76
12.033	12.606	7	12.247	369	4.210	87.86	58	17.863	13.81
12.606	13.179	3	12.883	372	4.280	88.57	51	18.634	12.14
13.179	13.752	3	13.448	375	4.354	89.29	48	18.994	11.43
13.752	14.325	4	14.114	379	4.457	90.24	45	19.364	10.71
14.325	14.898	4	14.599	383	4.563	91.19	41	19.876	9.76
14.898	15.471	0	.000	383	4.563	91.19	37	20.446	8.81
15.471	16.044	2	15.800	385	4.621	91.67	37	20.446	8.81
16.044	16.617	1	16.445	386	4.652	91.90	35	20.712	8.33

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

CAPS NUM LOCK

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 30/ 3/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
16.044	16.617	1	16.445	386	4.652	91.90	35	20.712	8.33
16.617	17.190	3	16.909	389	4.746	92.62	34	20.837	8.10
17.190	17.763	2	17.458	391	4.811	93.10	31	21.217	7.38
17.763	18.336	3	18.141	394	4.913	93.81	29	21.477	6.90
18.336	18.909	1	18.571	395	4.947	94.05	26	21.862	6.19
18.909	19.482	3	19.004	398	5.053	94.76	25	21.993	5.95
19.482	20.055	1	20.031	399	5.091	95.00	22	22.401	5.24
20.055	20.628	6	20.354	405	5.317	96.43	21	22.514	5.00
20.628	21.201	3	20.835	408	5.431	97.14	15	23.378	3.57
21.201	21.774	2	21.389	410	5.509	97.62	12	24.013	2.86
21.774	22.347	2	22.231	412	5.590	98.10	10	24.538	2.38
22.347	22.920	1	22.905	413	5.632	98.33	8	25.115	1.90
22.920	23.493	0	.000	413	5.632	98.33	7	25.431	1.67
23.493	24.066	0	.000	413	5.632	98.33	7	25.431	1.67
24.066	24.639	3	24.364	416	5.767	99.05	7	25.431	1.67

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

CAPS NUM LOCK

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 30/ 3/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
18.909	19.482	3	19.004	398	5.053	94.76	25	21.993	5.95
19.482	20.055	1	20.031	399	5.091	95.00	22	22.401	5.24
20.055	20.628	6	20.354	405	5.317	96.43	21	22.514	5.00
20.628	21.201	3	20.835	408	5.431	97.14	15	23.378	3.57
21.201	21.774	2	21.389	410	5.509	97.62	12	24.013	2.86
21.774	22.347	2	22.231	412	5.590	98.10	10	24.538	2.38
22.347	22.920	1	22.905	413	5.632	98.33	8	25.115	1.90
22.920	23.493	0	.000	413	5.632	98.33	7	25.431	1.67
23.493	24.066	0	.000	413	5.632	98.33	7	25.431	1.67
24.066	24.639	3	24.364	416	5.767	99.05	7	25.431	1.67
24.639	25.212	1	25.135	417	5.813	99.29	4	26.231	.95
25.212	25.785	1	25.688	418	5.861	99.52	3	26.596	.71
25.785	26.358	0	.000	418	5.861	99.52	2	27.050	.48
26.358	26.931	1	26.600	419	5.910	99.76	2	27.050	.48
26.931	27.504	1	27.500	420	5.962	100.00	1	27.500	.24

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

CAPS NUM LOCK