CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\CMPP2030.MEX
DATA DESCRIPTION : Pb+Zn // PLANE COMPOSITES WITH ROCK CODES 29-30 AT INT. CENTER
DATA DESCRIPTION : // PLANE COMPS. 2030

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	27.500
TOTAL NUMBER OF SAMPLES USED	:	1672
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	27.500
CLASS INTERVAL	:	.550
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	27.500
TOTAL POPULATION	:	1672

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1672	
ARITHMETIC MEAN	4.9084	4.9230
MEDIAN		4.0225
GEOMETRIC MEAN	2.0182	3.0526
NATURAL LOG MEAN	.7022	1.1160
STANDARD DEVIATION	4.3544	4.3353
VARIANCE	18.9612	18.7947
COEFFICIENT OF VARIATION	.8871	.8806
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	18.9612	18.7947
MOMENT 3 ABOUT ARITHMETIC MEAN	134.7699	134.7731
MOMENT 4 ABOUT ARITHMETIC MEAN	2373.0120	2354.3470
MOMENT COEFFICIENT OF SKEWNESS	1.6323	1.6541
MOMENT COEFFICIENT OF KURTOSIS	6.6004	6.6556

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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PC-XPLOR Version :1,22   CURRAGH RESOURCES      20320   1/ 4/90   SEMCOM : 34.04
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CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.55000	187	.15432	187	.15432	11.18	1672	4.90844	100.00
.550	1.100	110	.808	297	.397	17.76	1485	5.507	98.92
1.100	1.650	106	1.372	403	.653	24.10	1375	5.883	82.24
1.650	2.200	115	1.924	518	.935	30.98	1269	6.260	75.90
2.200	2.750	101	2.461	619	1.134	37.02	1154	6.692	69.02
2.750	3.300	84	3.069	703	1.410	42.05	1053	7.098	62.98
3.300	3.850	101	3.583	804	1.683	48.09	969	7.447	57.95
3.850	4.400	102	4.128	906	1.956	54.19	868	7.896	51.91
4.400	4.950	79	4.666	985	2.175	58.91	766	8.398	45.81
4.950	5.500	100	5.217	1085	2.455	64.89	687	9.827	41.09
5.500	6.050	83	5.765	1168	2.691	69.86	587	9.442	35.11
6.050	6.600	69	6.298	1237	2.892	73.98	504	10.048	30.14
6.600	7.150	56	6.872	1293	3.064	77.33	435	10.643	26.02
7.150	7.700	57	7.405	1350	3.248	80.74	379	11.200	22.67
7.700	8.250	57	7.975	1407	3.439	84.15	322	11.872	19.26
8.250	8.800	36	8.561	1443	3.567	86.30	265	12.710	15.85
8.800	9.350	30	9.057	1473	3.679	88.10	229	13.362	13.70
9.350	9.900	24	9.589	1497	3.773	89.53	199	14.011	11.90
9.900	10.450	13	10.256	1510	3.829	90.31	175	14.618	10.47
10.450	11.000	13	10.715	1523	3.885	91.09	162	14.968	9.69
11.000	11.550	18	11.354	1541	3.975	92.17	149	15.339	8.91
11.550	12.100	14	11.764	1555	4.045	93.00	131	15.886	7.83
12.100	12.650	16	12.359	1571	4.130	93.96	117	16.379	7.00
12.650	13.200	7	12.954	1578	4.169	94.38	101	17.016	6.04
13.200	13.750	19	13.505	1597	4.290	95.51	94	17.319	5.62
13.750	14.300	9	14.064	1606	4.335	96.05	75	18.285	4.49
14.300	14.850	6	14.619	1612	4.373	96.41	66	18.660	3.95
14.850	15.400	4	15.175	1616	4.400	96.65	60	19.285	3.59
15.400	15.950	2	15.612	1618	4.414	96.77	56	19.578	3.35
15.950	16.500	9	16.197	1627	4.479	97.31	54	19.725	3.23
16.500	17.050	4	16.940	1631	4.510	97.55	45	20.431	2.69
17.050	17.600	4	17.309	1635	4.541	97.79	41	20.771	2.45
17.600	18.150	2	17.891	1637	4.557	97.91	37	21.146	2.21
18.150	18.700	4	18.344	1641	4.591	98.15	35	21.332	2.09
18.700	19.250	6	18.978	1647	4.643	98.50	31	21.717	1.85
19.250	19.800	0	.000	1647	4.643	98.50	25	22.374	1.50
19.800	20.350	4	20.232	1651	4.681	98.74	25	22.374	1.50
20.350	20.900	6	20.534	1657	4.738	99.10	21	22.782	1.26
20.900	21.450	2	21.124	1659	4.758	99.22	15	23.682	.90
21.450	22.000	2	21.553	1661	4.778	99.34	13	24.075	.78
22.000	22.550	2	22.231	1663	4.799	99.46	11	24.533	.66
22.550	23.100	1	22.905	1664	4.810	99.52	9	25.044	.54
23.100	23.650	0	.000	1664	4.810	99.52	8	25.312	.48
23.650	24.200	0	.000	1664	4.810	99.52	8	25.312	.48
24.200	24.750	4	24.393	1668	4.857	99.76	8	25.312	.48
24.750	25.300	1	25.135	1669	4.867	99.82	4	26.230	.24
25.300	25.850	1	25.688	1670	4.882	99.88	3	26.596	.18
25.850	26.400	0	.000	1670	4.882	99.88	2	27.049	.12
26.400	26.950	1	26.600	1671	4.895	99.94	2	27.049	.12
26.950	27.500	1	27.500	1672	4.903	100.00	1	27.499	.06

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F5 - PRINT  F6 - HISTOGRAM  F7 - LINE GRAPH  F8 - EXPORT  F9 - REDO  F10 - QUIT
                                                                    CAPS  NUM LOCK
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PC-XPLOR Version :1.22 CURRASH RESOURCES 20320 1/ 4/90 SEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.55000	187	.15432	187	.15432	11.18	1672	4.90844	100.00
.550	1.100	110	.808	297	.397	17.76	1485	5.507	88.82
1.100	1.650	106	1.372	403	.653	24.10	1375	5.883	82.24
1.650	2.200	115	1.924	518	.935	30.98	1269	6.360	75.90
2.200	2.750	101	2.461	619	1.184	37.02	1154	6.892	69.02
2.750	3.300	84	3.069	703	1.410	42.05	1053	7.098	62.99
3.300	3.850	101	3.583	804	1.683	48.09	969	7.447	57.95
3.850	4.400	102	4.128	906	1.958	54.19	868	7.896	51.91
4.400	4.950	79	4.666	985	2.175	58.91	766	8.398	45.81
4.950	5.500	100	5.217	1085	2.455	64.89	687	8.827	41.09
5.500	6.050	83	5.765	1168	2.691	69.86	587	9.442	35.11
6.050	6.600	69	6.298	1237	2.892	73.98	504	10.048	30.14
6.600	7.150	56	6.872	1293	3.064	77.33	435	10.643	26.02
7.150	7.700	57	7.405	1350	3.242	80.74	379	11.200	22.67
7.700	8.250	57	7.975	1407	3.439	84.15	322	11.872	19.26
8.250	8.800	36	8.561	1443	3.567	86.30	265	12.710	15.85
8.800	9.350	30	9.057	1473	3.679	88.10	229	13.362	13.70
9.350	9.900	24	9.589	1497	3.773	89.53	199	14.011	11.90
9.900	10.450	13	10.256	1510	3.829	90.31	175	14.618	10.47
10.450	11.000	13	10.715	1523	3.888	91.09	162	14.968	9.69
11.000	11.550	18	11.354	1541	3.975	92.17	149	15.339	8.91
11.550	12.100	14	11.764	1555	4.045	93.00	131	15.886	7.83
12.100	12.650	16	12.359	1571	4.130	93.96	117	16.379	7.00
12.650	13.200	7	12.954	1578	4.169	94.38	101	17.016	6.04
13.200	13.750	19	13.505	1597	4.280	95.51	94	17.319	5.62
13.750	14.300	9	14.064	1606	4.335	96.05	75	18.285	4.49
14.300	14.850	6	14.619	1612	4.373	96.41	66	18.860	3.95
14.850	15.400	4	15.175	1616	4.400	96.65	60	19.285	3.59
15.400	15.950	2	15.612	1618	4.414	96.77	56	19.578	3.35
15.950	16.500	9	16.197	1627	4.479	97.31	54	19.725	3.23
16.500	17.050	4	16.940	1631	4.510	97.55	45	20.431	2.69
17.050	17.600	4	17.309	1635	4.541	97.79	41	20.771	2.45
17.600	18.150	2	17.891	1637	4.557	97.91	37	21.146	2.21
18.150	18.700	4	18.344	1641	4.591	98.15	35	21.332	2.09
18.700	19.250	6	18.978	1647	4.643	98.50	31	21.717	1.85
19.250	19.800	0	.000	1647	4.643	98.50	25	22.374	1.50
19.800	20.350	4	20.232	1651	4.681	98.74	25	22.374	1.50
20.350	20.900	6	20.534	1657	4.738	99.10	21	22.732	1.26
20.900	21.450	2	21.124	1659	4.758	99.22	15	23.682	.90
21.450	22.000	2	21.559	1661	4.778	99.34	13	24.075	.78
22.000	22.550	2	22.231	1663	4.799	99.46	11	24.533	.66
22.550	23.100	1	22.905	1664	4.810	99.52	9	25.044	.54
23.100	23.650	0	.000	1664	4.810	99.52	8	25.312	.48
23.650	24.200	0	.000	1664	4.810	99.52	8	25.312	.48
24.200	24.750	4	24.393	1668	4.857	99.76	8	25.312	.48
24.750	25.300	1	25.135	1669	4.867	99.82	4	26.230	.24
25.300	25.850	1	25.688	1670	4.882	99.88	3	26.596	.18
25.850	26.400	0	.000	1670	4.882	99.88	2	27.049	.12
26.400	26.950	1	26.600	1671	4.895	99.94	2	27.049	.12
26.950	27.500	1	27.500	1672	4.903	100.00	1	27.499	.06

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

CAPS NUM LOCK

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PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 1/ 4/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
.00020	.55000	187	.15432	187	.15432	11.18	1672	4.90844	100.00
.550	1.100	110	.808	297	.397	17.76	1485	5.507	88.82
1.100	1.650	106	1.372	403	.653	24.10	1375	5.883	82.24
1.650	2.200	115	1.924	518	.935	30.98	1269	6.260	75.90
2.200	2.750	101	2.461	619	1.184	37.02	1154	6.692	69.02
2.750	3.300	84	3.069	703	1.410	42.05	1053	7.098	62.98
3.300	3.850	101	3.583	804	1.683	48.09	969	7.447	57.95
3.850	4.400	102	4.128	906	1.958	54.19	868	7.896	51.91
4.400	4.950	79	4.666	985	2.175	58.91	766	8.398	45.81
4.950	5.500	100	5.217	1085	2.455	64.89	687	8.827	41.09
5.500	6.050	83	5.765	1168	2.691	69.86	587	9.442	35.11
6.050	6.600	69	6.298	1237	2.892	73.98	504	10.048	30.14
6.600	7.150	56	6.872	1293	3.064	77.33	435	10.643	26.02
7.150	7.700	57	7.405	1350	3.248	80.74	379	11.200	22.67
7.700	8.250	57	7.975	1407	3.439	84.15	322	11.872	19.26

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

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 1/ 4/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
7.700	8.250	57	7.975	1407	3.439	84.15	322	11.872	19.26
8.250	8.800	36	8.561	1443	3.567	86.30	265	12.710	15.85
8.800	9.350	30	9.057	1473	3.679	88.10	229	13.362	13.70
9.350	9.900	24	9.589	1497	3.773	89.53	199	14.011	11.90
9.900	10.450	13	10.256	1510	3.829	90.31	175	14.618	10.47
10.450	11.000	13	10.715	1523	3.888	91.09	162	14.968	9.69
11.000	11.550	18	11.354	1541	3.975	92.17	149	15.339	8.91
11.550	12.100	14	11.764	1555	4.045	93.00	131	15.886	7.83
12.100	12.650	16	12.359	1571	4.130	93.96	117	16.379	7.00
12.650	13.200	7	12.954	1578	4.169	94.38	101	17.016	6.04
13.200	13.750	19	13.505	1597	4.280	95.51	94	17.319	5.62
13.750	14.300	9	14.064	1606	4.335	96.05	75	18.285	4.49
14.300	14.850	6	14.619	1612	4.373	96.41	66	18.860	3.95
14.850	15.400	4	15.175	1616	4.400	96.65	60	19.285	3.59
15.400	15.950	2	15.612	1618	4.414	96.77	56	19.578	3.35

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

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 1/ 4/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
15.400	15.950	2	15.612	1618	4.414	96.77	56	19.578	3.35
15.950	16.500	9	16.197	1627	4.479	97.31	54	19.725	3.23
16.500	17.050	4	16.940	1631	4.510	97.55	45	20.431	2.69
17.050	17.600	4	17.309	1635	4.541	97.79	41	20.771	2.45
17.600	18.150	2	17.891	1637	4.557	97.91	37	21.146	2.21
18.150	18.700	4	18.344	1641	4.591	98.15	35	21.332	2.09
18.700	19.250	6	18.978	1647	4.643	98.50	31	21.717	1.85
19.250	19.800	0	.000	1647	4.643	98.50	25	22.374	1.50
19.800	20.350	4	20.232	1651	4.681	98.74	25	22.374	1.50
20.350	20.900	6	20.534	1657	4.738	99.10	21	22.782	1.26
20.900	21.450	2	21.124	1659	4.758	99.22	15	23.682	.90
21.450	22.000	2	21.558	1661	4.778	99.34	13	24.075	.78
22.000	22.550	2	22.231	1663	4.799	99.46	11	24.533	.66
22.550	23.100	1	22.905	1664	4.810	99.52	9	25.044	.54
23.100	23.650	0	.000	1664	4.810	99.52	8	25.312	.48

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

CAPS NUM LOCK

PC-XPLOR Version :1.22 CURRAGH RESOURCES 20320 1/ 4/90 GEMCOM : 34.04

CLASS INTERVAL FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	DEC COUNT	DEC MEAN	DEC FREQ PERCENT
19.250	19.800	0	.000	1647	4.643	98.50	25	22.374	1.50
19.800	20.350	4	20.232	1651	4.681	98.74	25	22.374	1.50
20.350	20.900	6	20.534	1657	4.738	99.10	21	22.782	1.26
20.900	21.450	2	21.124	1659	4.758	99.22	15	23.682	.90
21.450	22.000	2	21.558	1661	4.778	99.34	13	24.075	.78
22.000	22.550	2	22.231	1663	4.799	99.46	11	24.533	.66
22.550	23.100	1	22.905	1664	4.810	99.52	9	25.044	.54
23.100	23.650	0	.000	1664	4.810	99.52	8	25.312	.48
23.650	24.200	0	.000	1664	4.810	99.52	8	25.312	.48
24.200	24.750	4	24.393	1668	4.857	99.76	8	25.312	.48
24.750	25.300	1	25.135	1669	4.869	99.82	4	26.230	.24
25.300	25.850	1	25.688	1670	4.882	99.88	3	26.596	.18
25.850	26.400	0	.000	1670	4.882	99.88	2	27.049	.12
26.400	26.950	1	26.600	1671	4.895	99.94	2	27.049	.12
26.950	27.500	1	27.500	1672	4.908	100.00	1	27.499	.06

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

CAPS NUM LOCK