

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

GRUM DRILLHOLE DATABASE

\*\*\* CURRAGH RESOURCE  
 \*\*\* 11:39:30 Serial no: 2032  
 11/ 4/90 Page :

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\23SN1BZN.MEX  
 DATA DESCRIPTION : Zn COMPS RC20-30 (INT. CENTER) LNTH\*SG WT'D DDH<45 BY LENGTH  
 DATA DESCRIPTION : ROCK CODES 20-30 SN1B Zn

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : .000  
 MAXIMUM CUTOFF VALUE : 16.850  
 TOTAL NUMBER OF SAMPLES USED : 1710

MINIMUM HISTOGRAM VALUE : .000  
 MAXIMUM HISTOGRAM VALUE : 16.850  
 CLASS INTERVAL : .337

MINIMUM POPULATION DATA POINT : .000  
 MAXIMUM POPULATION DATA POINT : 16.850  
 TOTAL POPULATION : 1710

UNGROUPED DATA      GROUPED DATA

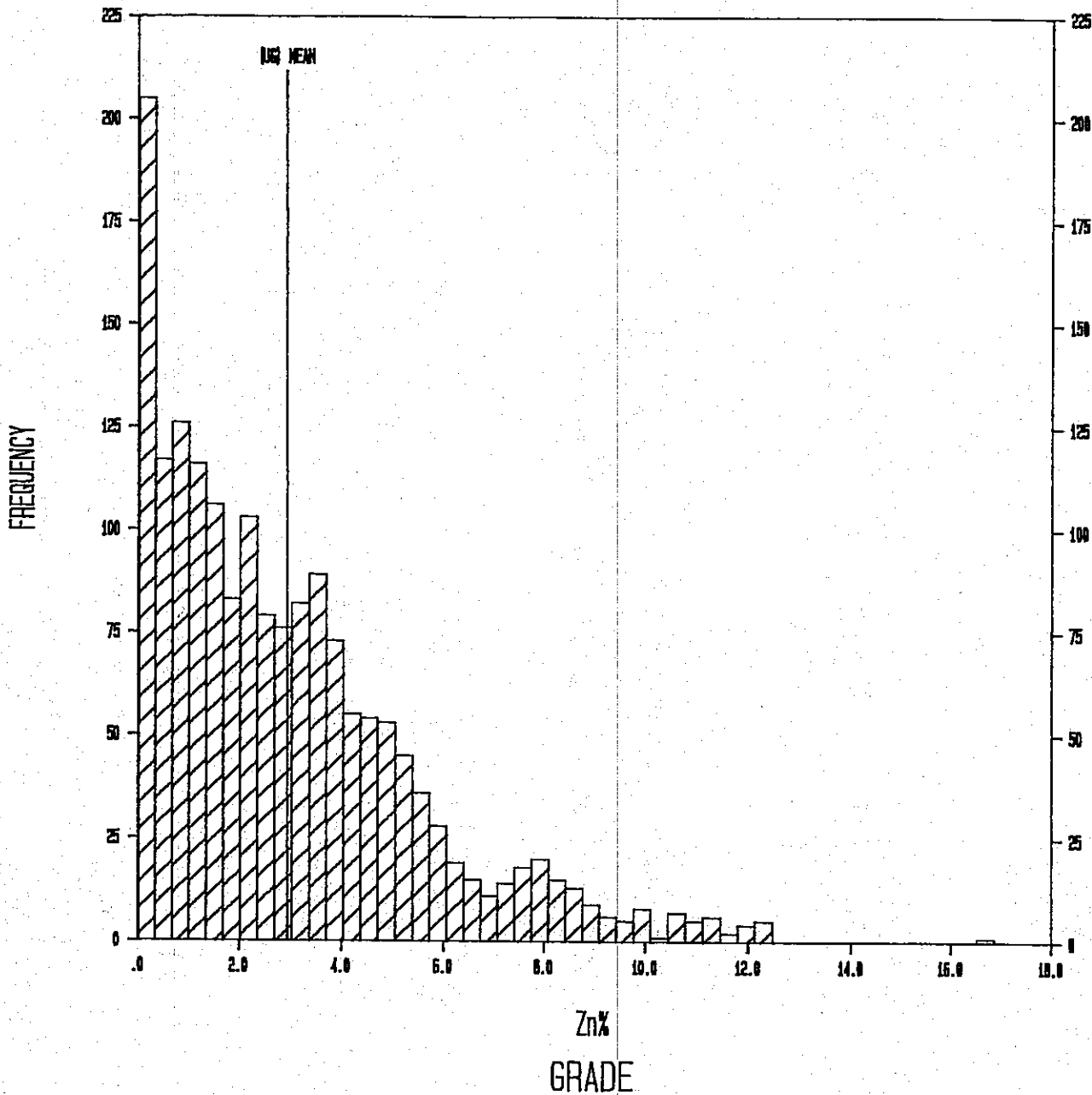
TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	2.9353	2.9451
MEDIAN		2.3557
GEOMETRIC MEAN	1.1293	1.8025
NATURAL LOG MEAN	.1216	.5892
STANDARD DEVIATION	2.5334	2.5214
VARIANCE	6.4181	6.3573
COEFFICIENT OF VARIATION	.8631	.8561
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	6.4181	6.3573
MOMENT 3 ABOUT ARITHMETIC MEAN	20.2034	20.2159
MOMENT 4 ABOUT ARITHMETIC MEAN	191.6627	189.2105
MOMENT COEFFICIENT OF SKEWNESS	1.2426	1.2612
MOMENT COEFFICIENT OF KURTOSIS	4.6529	4.6817

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC
FROM	TO			COUNT	MEAN	FREQ	COUNT	MEAN	PERCENT
.00010	.33700	205	.09132	205	.09132	11.99	1710	2.93532	100.00
.337	.674	117	.501	322	.240	18.83	1505	3.323	88.01
.674	1.011	126	.847	448	.411	26.20	1388	3.561	81.17
1.011	1.348	116	1.169	564	.567	32.98	1262	3.832	73.80
1.348	1.685	106	1.540	670	.721	39.18	1146	4.101	67.02
1.685	2.022	83	1.844	753	.844	44.04	1040	4.362	60.82
2.022	2.359	103	2.199	856	1.007	50.06	957	4.581	55.96
2.359	2.696	79	2.532	935	1.136	54.68	854	4.868	49.94
2.696	3.033	76	2.846	1011	1.265	59.12	775	5.106	45.32
3.033	3.370	82	3.195	1093	1.410	63.92	699	5.352	40.88
3.370	3.707	89	3.534	1182	1.570	69.12	617	5.638	36.08
3.707	4.044	73	3.883	1255	1.704	73.39	528	5.993	30.88
4.044	4.381	55	4.221	1310	1.810	76.61	455	6.331	26.61
4.381	4.718	54	4.559	1364	1.919	79.77	400	6.621	23.39
4.718	5.055	53	4.879	1417	2.029	82.87	346	6.943	20.23
5.055	5.392	45	5.188	1462	2.127	85.50	293	7.317	17.13
5.392	5.729	36	5.532	1498	2.208	87.60	248	7.703	14.50
5.729	6.066	28	5.891	1526	2.276	89.24	212	8.072	12.40
6.066	6.403	19	6.224	1545	2.325	90.35	184	8.404	10.76
6.403	6.740	15	6.609	1560	2.366	91.23	165	8.655	9.65
6.740	7.077	11	6.950	1571	2.398	91.87	150	8.859	8.77
7.077	7.414	14	7.258	1585	2.441	92.69	139	9.010	8.13
7.414	7.751	18	7.564	1603	2.498	93.74	125	9.206	7.31
7.751	8.088	20	7.926	1623	2.565	94.91	107	9.483	6.26
8.088	8.425	15	8.274	1638	2.617	95.79	87	9.841	5.09
8.425	8.762	13	8.611	1651	2.665	96.55	72	10.167	4.21
8.762	9.099	9	8.941	1660	2.699	97.08	59	10.510	3.45
9.099	9.436	6	9.318	1666	2.723	97.43	50	10.792	2.92
9.436	9.773	5	9.586	1671	2.743	97.72	44	10.993	2.57
9.773	10.110	8	9.997	1679	2.778	98.19	39	11.174	2.28
10.110	10.447	1	10.299	1680	2.782	98.25	31	11.478	1.81
10.447	10.784	7	10.604	1687	2.815	98.65	30	11.517	1.75
10.784	11.121	5	10.931	1692	2.839	98.95	23	11.795	1.35
11.121	11.458	6	11.318	1698	2.868	99.30	18	12.035	1.05
11.458	11.795	2	11.551	1700	2.879	99.42	12	12.393	.70
11.795	12.132	4	11.914	1704	2.900	99.65	10	12.562	.58
12.132	12.469	5	12.222	1709	2.927	99.94	6	12.994	.35
12.469	12.806	0	.000	1709	2.927	99.94	1	16.850	.06
12.806	13.143	0	.000	1709	2.927	99.94	1	16.850	.06
13.143	13.480	0	.000	1709	2.927	99.94	1	16.850	.06
13.480	13.817	0	.000	1709	2.927	99.94	1	16.850	.06
13.817	14.154	0	.000	1709	2.927	99.94	1	16.850	.06
14.154	14.491	0	.000	1709	2.927	99.94	1	16.850	.06
14.491	14.828	0	.000	1709	2.927	99.94	1	16.850	.06
14.828	15.165	0	.000	1709	2.927	99.94	1	16.850	.06
15.165	15.502	0	.000	1709	2.927	99.94	1	16.850	.06
15.502	15.839	0	.000	1709	2.927	99.94	1	16.850	.06
15.839	16.176	0	.000	1709	2.927	99.94	1	16.850	.06
16.176	16.513	0	.000	1709	2.927	99.94	1	16.850	.06
16.513	16.850	1	16.850	1710	2.935	100.00	1	16.850	.06

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Zn COMPOSITES - SCENARIO 1B  
 ROCK CODES 20-30 INTERVAL CENTER

QUICK-PLOT  
 GEMCOM Services Inc.

DATE - 12-04-80  
 TIME - 10:48:54

GEMCOM Services Inc.  
 Vancouver Office

Grum Deposit:  
 Rock Codes  
 By INTERVAL  
 CENTERS

HORIZONTAL SCALE - 1 : 35

VERTICAL SCALE - 1 : 35



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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT	
.00010	.33700	205	.09132	205	.09132	11.99	1710	2.93532	100.00	
.337	.674	117	.501	322	.240	18.83	1505	3.323	88.01	
.674	1.011	126	.847	448	.411	26.20	1388	3.561	81.17	
1.011	1.348	116	1.169	564	.567	32.98	1262	3.832	73.80	
1.348	1.685	106	1.540	670	.721	39.18	1146	4.101	67.02	
1.685	2.022	83	1.844	753	.844	44.04	1040	4.362	60.82	
2.022	2.359	103	2.199	856	1.007	50.06	957	4.581	55.96	
2.359	2.696	79	2.532	935	1.136	54.68	854	4.868	49.94	
2.696	3.033	76	2.846	1011	1.265	59.12	775	5.106	45.32	
3.033	3.370	82	3.195	1093	1.410	63.92	699	5.352	40.88	
3.370	3.707	89	3.534	1182	1.570	69.12	617	5.638	36.08	
3.707	4.044	73	3.883	1255	1.704	73.39	528	5.993	30.88	
4.044	4.381	55	4.221	1310	1.810	76.61	455	6.331	26.61	
4.381	4.718	54	4.559	1364	1.919	79.77	400	6.621	23.39	
4.718	5.055	53	4.879	1417	2.029	82.87	346	6.943	20.23	

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	PERCENT	
4.718	5.055	53	4.879	1417	2.029	82.87	346	6.943	20.23	
5.055	5.392	45	5.188	1462	2.127	85.50	293	7.317	17.13	
5.392	5.729	36	5.532	1498	2.208	87.60	248	7.703	14.50	
5.729	6.066	28	5.891	1526	2.276	89.24	212	8.072	12.40	
6.066	6.403	19	6.224	1545	2.325	90.35	184	8.404	10.76	
6.403	6.740	15	6.609	1560	2.366	91.23	165	8.655	9.65	
6.740	7.077	11	6.950	1571	2.398	91.87	150	8.859	8.77	
7.077	7.414	14	7.258	1585	2.441	92.69	139	9.010	8.13	
7.414	7.751	18	7.564	1603	2.498	93.74	125	9.206	7.31	
7.751	8.088	20	7.926	1623	2.565	94.91	107	9.483	6.26	
8.088	8.425	15	8.274	1638	2.617	95.79	87	9.841	5.09	
8.425	8.762	13	8.611	1651	2.665	96.55	72	10.167	4.21	
8.762	9.099	9	8.941	1660	2.699	97.08	59	10.510	3.45	
9.099	9.436	6	9.318	1666	2.723	97.43	50	10.792	2.92	
9.436	9.773	5	9.586	1671	2.743	97.72	44	10.993	2.57	

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

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CLASS INTERVAL		COUNT	MEAN	CUM		CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN				
9.436	9.773	5	9.586	1671	2.743	97.72	44	10.993	2.57
9.773	10.110	8	9.997	1679	2.778	98.19	39	11.174	2.28
10.110	10.447	1	10.299	1680	2.782	98.25	31	11.478	1.81
10.447	10.784	7	10.604	1687	2.815	98.65	30	11.517	1.75
10.784	11.121	5	10.931	1692	2.839	98.95	23	11.795	1.35
11.121	11.458	6	11.318	1698	2.868	99.30	18	12.035	1.05
11.458	11.795	2	11.551	1700	2.879	99.42	12	12.393	.70
11.795	12.132	4	11.914	1704	2.900	99.65	10	12.562	.58
12.132	12.469	5	12.222	1709	2.927	99.94	6	12.994	.35
12.469	12.806	0	.000	1709	2.927	99.94	1	16.850	.06
12.806	13.143	0	.000	1709	2.927	99.94	1	16.850	.06
13.143	13.480	0	.000	1709	2.927	99.94	1	16.850	.06
13.480	13.817	0	.000	1709	2.927	99.94	1	16.850	.06
13.817	14.154	0	.000	1709	2.927	99.94	1	16.850	.06
14.154	14.491	0	.000	1709	2.927	99.94	1	16.850	.06

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

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CLASS INTERVAL		COUNT	MEAN	CUM		CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN				
11.795	12.132	4	11.914	1704	2.900	99.65	10	12.562	.58
12.132	12.469	5	12.222	1709	2.927	99.94	6	12.994	.35
12.469	12.806	0	.000	1709	2.927	99.94	1	16.850	.06
12.806	13.143	0	.000	1709	2.927	99.94	1	16.850	.06
13.143	13.480	0	.000	1709	2.927	99.94	1	16.850	.06
13.480	13.817	0	.000	1709	2.927	99.94	1	16.850	.06
13.817	14.154	0	.000	1709	2.927	99.94	1	16.850	.06
14.154	14.491	0	.000	1709	2.927	99.94	1	16.850	.06
14.491	14.828	0	.000	1709	2.927	99.94	1	16.850	.06
14.828	15.165	0	.000	1709	2.927	99.94	1	16.850	.06
15.165	15.502	0	.000	1709	2.927	99.94	1	16.850	.06
15.502	15.839	0	.000	1709	2.927	99.94	1	16.850	.06
15.839	16.176	0	.000	1709	2.927	99.94	1	16.850	.06
16.176	16.513	0	.000	1709	2.927	99.94	1	16.850	.06
16.513	16.850	1	16.850	1710	2.935	100.00	1	16.850	.06

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

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