

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

GRUM DRILLHOLE DATABASE

\*\*\* CURRAGH RESOURCE  
 \*\*\* 11: 0: 2 Serial no: 2032  
 12/ 4/90 Page :

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\STATS\575N2BZN.MEX  
 DATA DESCRIPTION : Zn COMPS RC50-70 (INT CENTER) LNTH156 WT'D DDH<45 BY // PLANES  
 DATA DESCRIPTION : ROCK CODES 50-70 5N2B Zn

DATA VALUES ENTERED

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 MINIMUM CUTOFF VALUE : .000  
 MAXIMUM CUTOFF VALUE : 16.430  
 TOTAL NUMBER OF SAMPLES USED : 581  
  
 MINIMUM HISTOGRAM VALUE : .000  
 MAXIMUM HISTOGRAM VALUE : 16.430  
 CLASS INTERVAL : .329  
  
 MINIMUM POPULATION DATA POINT : .000  
 MAXIMUM POPULATION DATA POINT : 16.430  
 TOTAL POPULATION : 581

UNGROUPED DATA    GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	581	
ARITHMETIC MEAN	5.7993	5.8000
MEDIAN		5.3939
GEOMETRIC MEAN	4.1648	4.4311
NATURAL LOG MEAN	1.4267	1.4886
STANDARD DEVIATION	3.5797	3.5752
VARIANCE	12.8140	12.7820
COEFFICIENT OF VARIATION	.6173	.6164
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	12.8140	12.7820
MOMENT 3 ABOUT ARITHMETIC MEAN	24.5576	24.4666
MOMENT 4 ABOUT ARITHMETIC MEAN	438.6412	436.2338
MOMENT COEFFICIENT OF SKEWNESS	.5354	.5354
MOMENT COEFFICIENT OF KURTOSIS	2.6714	2.6701

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	PERCENT		COUNT	MEAN
.00010	.32900	9	.12150	9	.12150	1.55	581	5.79931	100.00
.329	.658	8	.499	17	.299	2.93	572	5.889	98.45
.658	.987	14	.814	31	.532	5.34	564	5.965	97.07
.987	1.316	22	1.146	53	.787	9.12	550	6.096	94.66
1.316	1.645	25	1.468	78	1.005	13.43	528	6.302	90.88
1.645	1.974	18	1.803	96	1.155	16.52	503	6.543	86.57
1.974	2.303	18	2.148	114	1.311	19.62	485	6.719	83.48
2.303	2.632	21	2.460	135	1.490	23.24	467	6.895	80.38
2.632	2.961	22	2.803	157	1.674	27.02	446	7.104	76.76
2.961	3.290	11	3.162	168	1.772	28.92	424	7.327	72.98
3.290	3.619	11	3.486	179	1.877	30.81	413	7.438	71.08
3.619	3.948	21	3.780	200	2.077	34.42	402	7.546	69.19
3.948	4.277	24	4.146	224	2.298	38.55	381	7.753	65.58
4.277	4.606	23	4.452	247	2.499	42.51	357	7.996	61.45
4.606	4.935	17	4.776	264	2.646	45.44	334	8.240	57.49

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDD F10 - QUIT  
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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC
FROM	TO			COUNT	MEAN	PERCENT		COUNT	MEAN
4.606	4.935	17	4.776	264	2.646	45.44	334	8.240	57.49
4.935	5.264	19	5.040	283	2.806	48.71	317	8.426	54.56
5.264	5.593	19	5.454	302	2.973	51.98	298	8.642	51.29
5.593	5.922	23	5.731	325	3.168	55.94	279	8.859	48.02
5.922	6.251	12	6.083	337	3.272	58.00	256	9.140	44.06
6.251	6.580	20	6.394	357	3.447	61.45	244	9.290	42.00
6.580	6.909	19	6.757	376	3.614	64.72	224	9.549	38.55
6.909	7.238	19	7.061	395	3.780	67.99	205	9.807	35.28
7.238	7.567	12	7.352	407	3.885	70.05	186	10.088	32.01
7.567	7.896	9	7.698	416	3.968	71.60	174	10.277	29.95
7.896	8.225	16	8.075	432	4.120	74.35	165	10.417	28.40
8.225	8.554	15	8.370	447	4.262	76.94	149	10.669	25.65
8.554	8.883	13	8.713	460	4.388	79.17	134	10.926	23.06
8.883	9.212	12	9.012	472	4.506	81.24	121	11.164	20.83
9.212	9.541	11	9.398	483	4.617	83.13	109	11.401	18.76

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
9.212	9.541	11	9.398	483	4.617	83.13	109	11.401	18.76
9.541	9.870	16	9.688	499	4.780	85.89	98	11.625	16.87
9.870	10.199	7	10.099	506	4.853	87.09	82	12.003	14.11
10.199	10.528	10	10.422	516	4.961	88.81	75	12.181	12.91
10.528	10.857	13	10.711	529	5.103	91.05	65	12.452	11.19
10.857	11.186	9	11.064	538	5.202	92.60	52	12.887	8.95
11.186	11.515	3	11.339	541	5.236	93.12	43	13.269	7.40
11.515	11.844	5	11.690	546	5.295	93.98	40	13.413	6.88
11.844	12.173	4	12.041	550	5.345	94.66	35	13.659	6.02
12.173	12.502	5	12.358	555	5.408	95.52	31	13.868	5.34
12.502	12.831	1	12.534	556	5.421	95.70	26	14.159	4.48
12.831	13.160	6	13.033	562	5.502	96.73	25	14.224	4.30
13.160	13.489	4	13.357	566	5.557	97.42	19	14.600	3.27
13.489	13.818	3	13.695	569	5.600	97.93	15	14.931	2.58
13.818	14.147	2	13.978	571	5.630	98.28	12	15.240	2.07

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
11.515	11.844	5	11.690	546	5.295	93.98	40	13.413	6.88
11.844	12.173	4	12.041	550	5.345	94.66	35	13.659	6.02
12.173	12.502	5	12.358	555	5.408	95.52	31	13.868	5.34
12.502	12.831	1	12.534	556	5.421	95.70	26	14.159	4.48
12.831	13.160	6	13.033	562	5.502	96.73	25	14.224	4.30
13.160	13.489	4	13.357	566	5.557	97.42	19	14.600	3.27
13.489	13.818	3	13.695	569	5.600	97.93	15	14.931	2.58
13.818	14.147	2	13.978	571	5.630	98.28	12	15.240	2.07
14.147	14.476	1	14.260	572	5.645	98.45	10	15.493	1.72
14.476	14.805	1	14.543	573	5.660	98.62	9	15.630	1.55
14.805	15.134	0	.000	573	5.660	98.62	8	15.765	1.38
15.134	15.463	1	15.138	574	5.677	98.80	8	15.765	1.38
15.463	15.792	3	15.546	577	5.728	99.31	7	15.855	1.20
15.792	16.121	3	15.972	580	5.781	99.83	4	16.087	.69
16.121	16.430	1	16.430	581	5.799	100.00	1	16.430	.17

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