

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

GRUM DRILLHOLE DATABASE

*** CURRASH RESOURCE
 *** 14:14:47 Serial no: 2632
 30/ 3/90 Page :

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\COMP50.MEX
 DATA DESCRIPTION : Pb+Zn // PLANE COMPOSITES WITH ROCK CODE 50 AT INTERVAL CENTER
 DATA DESCRIPTION : //P. 50

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	29.967
TOTAL NUMBER OF SAMPLES USED	:	424
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	29.967
CLASS INTERVAL	:	.612
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	29.967
TOTAL POPULATION	:	424

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	424	
ARITHMETIC MEAN	9.7010	9.7010
MEDIAN		8.7210
GEOMETRIC MEAN	7.0037	7.5024
NATURAL LOG MEAN	1.9464	2.0152
STANDARD DEVIATION	5.0450	5.0329
VARIANCE	36.8426	36.3957
COEFFICIENT OF VARIATION	.6231	.6219
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	36.8426	36.3957
MOMENT 3 ABOUT ARITHMETIC MEAN	146.6970	146.8126
MOMENT 4 ABOUT ARITHMETIC MEAN	3939.9950	3898.6520
MOMENT COEFFICIENT OF SKEWNESS	.6641	.6666
MOMENT COEFFICIENT OF KURTOSIS	2.9505	2.9432

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
.00020	.61200	7	.17509	7	.17509	1.65	424	9.70104	100.00
.612	1.224	5	.872	12	.465	2.83	417	9.861	98.35
1.224	1.836	7	1.524	19	.855	4.48	412	9.970	97.17
1.836	2.448	22	2.185	41	1.569	9.67	405	10.116	95.52
2.448	3.060	17	2.751	58	1.915	13.68	383	10.572	90.33
3.060	3.672	15	3.343	73	2.209	17.22	366	10.935	86.32
3.672	4.284	17	3.898	90	2.528	21.23	351	11.259	82.78
4.284	4.896	19	4.528	109	2.877	25.71	334	11.634	78.77
4.896	5.508	19	5.225	128	3.225	30.19	315	12.063	74.29
5.508	6.120	13	5.799	141	3.462	33.25	296	12.501	69.81
6.120	6.732	14	6.437	155	3.731	36.56	283	12.809	66.75
6.732	7.344	19	7.031	174	4.091	41.04	269	13.141	63.44
7.344	7.956	21	7.639	195	4.473	45.99	250	13.605	58.96
7.956	8.568	12	8.291	207	4.695	48.82	229	14.152	54.01
8.568	9.180	20	8.906	227	5.066	53.54	217	14.477	51.18

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NUM LOCK

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM FREQ	DEC	DEC	DEC FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT
8.568	9.180	20	8.906	227	5.066	53.54	217	14.477	51.18
9.180	9.792	10	9.488	237	5.252	55.90	197	15.042	46.46
9.792	10.404	13	10.125	250	5.506	58.96	187	15.339	44.10
10.404	11.016	16	10.748	266	5.821	62.74	174	15.729	41.04
11.016	11.628	9	11.455	275	6.005	64.86	158	16.233	37.26
11.628	12.240	14	11.961	289	6.294	68.16	149	16.522	35.14
12.240	12.852	10	12.427	299	6.499	70.52	135	16.995	31.84
12.852	13.464	9	13.234	308	6.696	72.64	125	17.360	29.48
13.464	14.076	14	13.779	322	7.004	75.94	116	17.680	27.36
14.076	14.688	11	14.438	333	7.249	78.54	102	18.216	24.06
14.688	15.300	12	14.980	345	7.518	81.37	91	18.672	21.46
15.300	15.912	10	15.587	355	7.746	83.73	79	19.233	18.63
15.912	16.524	10	16.171	365	7.976	86.08	69	19.762	16.27
16.524	17.136	9	16.892	374	8.191	88.21	59	20.370	13.92
17.136	17.748	5	17.418	379	8.313	89.39	50	20.996	11.79

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