

003379

*** GRUM DRILLHOLE DATABASE ***

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : f:\pmdbg4\extract\g9110sg.mex
DATA DESCRIPTION : sg bench composites
USER DESCRIPTION : sg composites - all ore types

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : 2.240
MAXIMUM CUTOFF VALUE : 4.750
TOTAL NUMBER OF SAMPLES USED : 1432

MINIMUM HISTOGRAM VALUE : 2.000
MAXIMUM HISTOGRAM VALUE : 5.000
CLASS INTERVAL : .100

MINIMUM POPULATION DATA POINT : 2.240
MAXIMUM POPULATION DATA POINT : 4.750
TOTAL POPULATION : 1432

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1432	
ARITHMETIC MEAN	3.4232	3.4229
MEDIAN		3.2991
GEOMETRIC MEAN	3.3808	3.3803
NATURAL LOG MEAN	1.2181	1.2180
STANDARD DEVIATION	.5496	.5505
VARIANCE	.3021	.3031
COEFFICIENT OF VARIATION	.1606	.1608
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.3021	.3031
MOMENT 3 ABOUT ARITHMETIC MEAN	.0957	.0949
MOMENT 4 ABOUT ARITHMETIC MEAN	.2214	.2232
MOMENT COEFFICIENT OF SKEWNESS	.5766	.5688
MOMENT COEFFICIENT OF KURTOSIS	2.4260	2.4301

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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FREQUENCY DISTRIBUTIONS

CLASS INTERVAL >= FROM < TO	< INCREMENTAL ->			< UPPER BND ----- INCREASING ----->			>= LOWER BND ----- DECREASING ----->		
	COUNT	MEAN	CUM COUNT	CUM COUNT	CUM MEAN	CUM PERCENT	CUM COUNT	CUM MEAN	CUM PERCENT
2.240 2.100	0	.000	0	.000	.00	1432	3.423	100.00	
2.100 2.200	0	.000	0	.000	.00	1432	3.423	100.00	
2.200 2.300	3	2.263	3	2.263	.21	1432	3.423	100.00	
2.300 2.400	0	.000	3	2.263	.21	1429	3.426	99.79	
2.400 2.500	10	2.462	13	2.416	.91	1429	3.426	99.79	
2.500 2.600	26	2.568	39	2.518	2.72	1419	3.432	99.09	
2.600 2.700	36	2.650	75	2.581	5.24	1393	3.449	97.28	
2.700 2.800	52	2.761	127	2.655	8.87	1357	3.470	94.76	
2.800 2.900	108	2.853	235	2.746	16.41	1305	3.498	91.13	
2.900 3.000	130	2.948	365	2.818	25.49	1197	3.556	83.59	
3.000 3.100	125	3.055	490	2.878	34.22	1067	3.630	74.51	
3.100 3.200	119	3.144	609	2.930	42.53	942	3.707	65.78	
3.200 3.300	108	3.246	717	2.978	50.07	823	3.788	57.47	
3.300 3.400	81	3.356	798	3.016	55.73	715	3.870	49.93	
3.400 3.500	101	3.448	899	3.065	62.78	634	3.936	44.27	
3.500 3.600	70	3.545	969	3.099	67.67	533	4.028	37.22	
3.600 3.700	51	3.650	1020	3.127	71.23	463	4.101	32.33	
3.700 3.800	62	3.750	1082	3.163	75.56	412	4.157	28.77	
3.800 3.900	38	3.851	1120	3.186	78.21	350	4.229	24.44	
3.900 4.000	47	3.941	1167	3.216	81.49	312	4.275	21.79	
4.000 4.100	42	4.055	1209	3.245	84.43	265	4.334	18.51	
4.100 4.200	42	4.160	1251	3.276	87.36	223	4.387	15.57	
4.200 4.300	47	4.245	1298	3.311	90.64	181	4.439	12.64	
4.300 4.400	25	4.346	1323	3.331	92.39	134	4.507	9.36	
4.400 4.500	43	4.453	1366	3.366	95.39	109	4.544	7.61	
4.500 4.600	36	4.549	1402	3.397	97.91	66	4.603	4.61	
4.600 4.700	22	4.646	1424	3.416	99.44	30	4.669	2.09	
4.700 4.800	8	4.730	1432	3.423	100.00	8	4.730	.56	
4.800 4.900	0	.000	1432	3.423	100.00	0	4.730	.00	
4.900 4.750	0	.000	1432	3.423	100.00	0	4.730	.00	

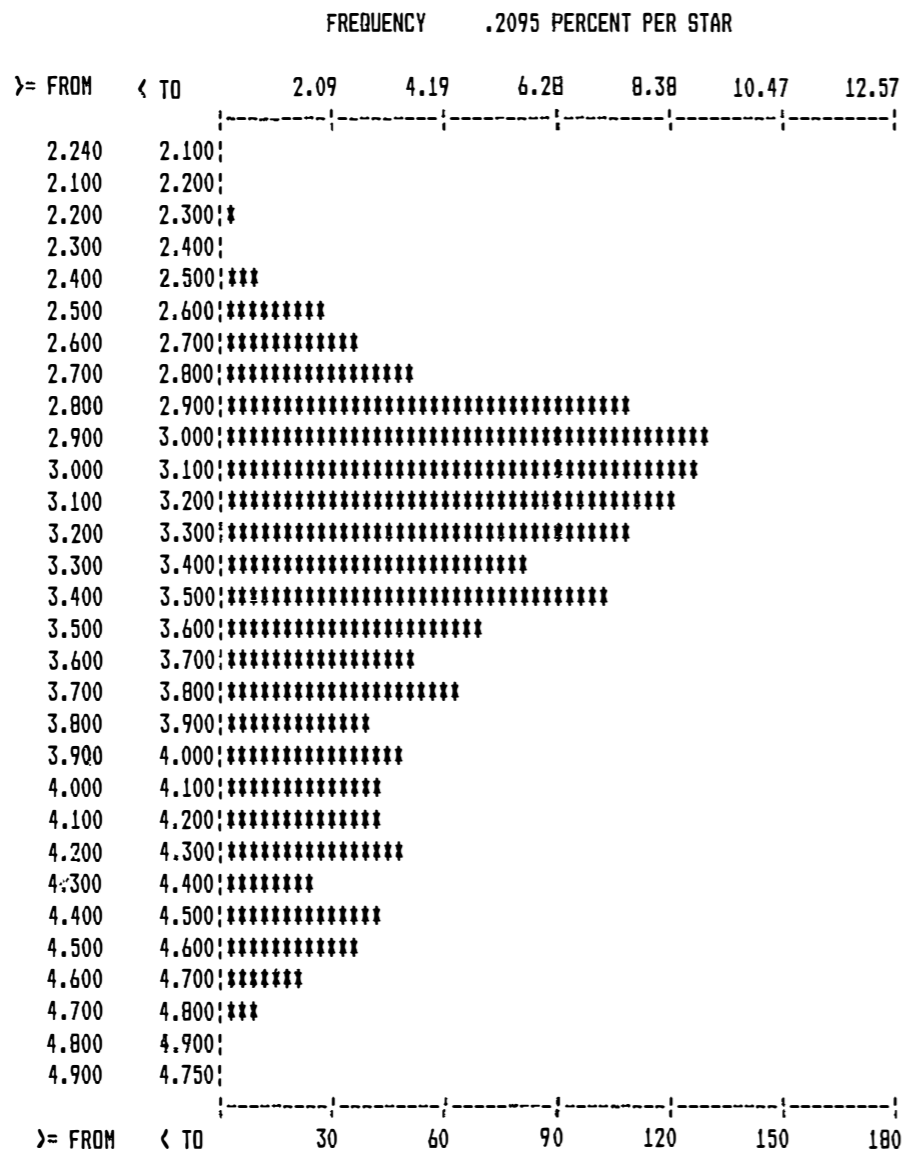
NB : {GM} - GEOMETRIC MEAN

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NORMAL HISTOGRAM



3.0000 COUNTS PER STAR