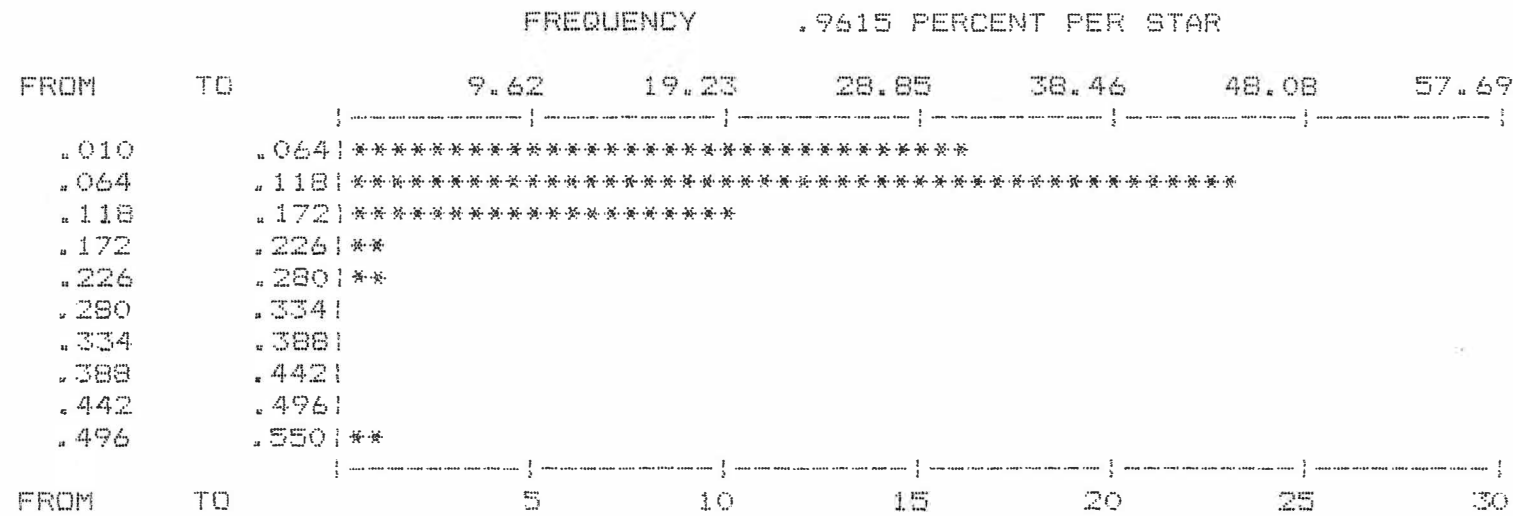


CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : All EXTRACTION DATA FOR ROCK TYPE 70

NORMAL HISTOGRAM



.5000 COUNTS PER STAR

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : AU EXTRACTION DATA FOR ROCK TYPE 70

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL FROM TO	COUNT	MEAN	LESS THAN UPPER BND GREATER THAN LOWER BND			COUNT		
			CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT
.010 .064	16	.036	16	.036	30.77	52	.097	100.00
.064 .118	23	.092	39	.069	75.00	36	.124	69.23
.118 .172	10	.137	49	.083	94.23	13	.181	25.00
.172 .226	1	.200	50	.085	96.15	3	.328	5.77
.226 .280	1	.235	51	.088	98.08	2	.392	3.85
.280 .334	0	.000	51	.088	98.08	1	.549	1.92
.334 .388	0	.000	51	.088	98.08	1	.549	1.92
.388 .442	0	.000	51	.088	98.08	1	.549	1.92
.442 .496	0	.000	51	.088	98.08	1	.549	1.92
.496 .550	1	.549	52	.097	100.00	1	.549	1.92

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPE 70

CLASSICAL STATISTICS :	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	52	
ARITHMETIC MEAN	.0968	.0983
MEDIAN		.0875
GEOMETRIC MEAN	.0754	.0808
NATURAL LOG MEAN	-2.5845	-2.5159
STANDARD DEVIATION	.0785	.0757
VARIANCE	.0062	.0057
COEFFICIENT OF VARIATION	.8108	.7698
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0062	.0057
MOMENT 3 ABOUT ARITHMETIC MEAN	.0018	.0015
MOMENT 4 ABOUT ARITHMETIC MEAN	.0008	.0006
MOMENT COEFFICIENT OF SKEWNESS	3.6807	3.4947
MOMENT COEFFICIENT OF KURTOSIS	21.6148	19.6644

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : AU EXTRACTION DATA FOR ROCK TYPE 70

DATA VALUES ENTERED

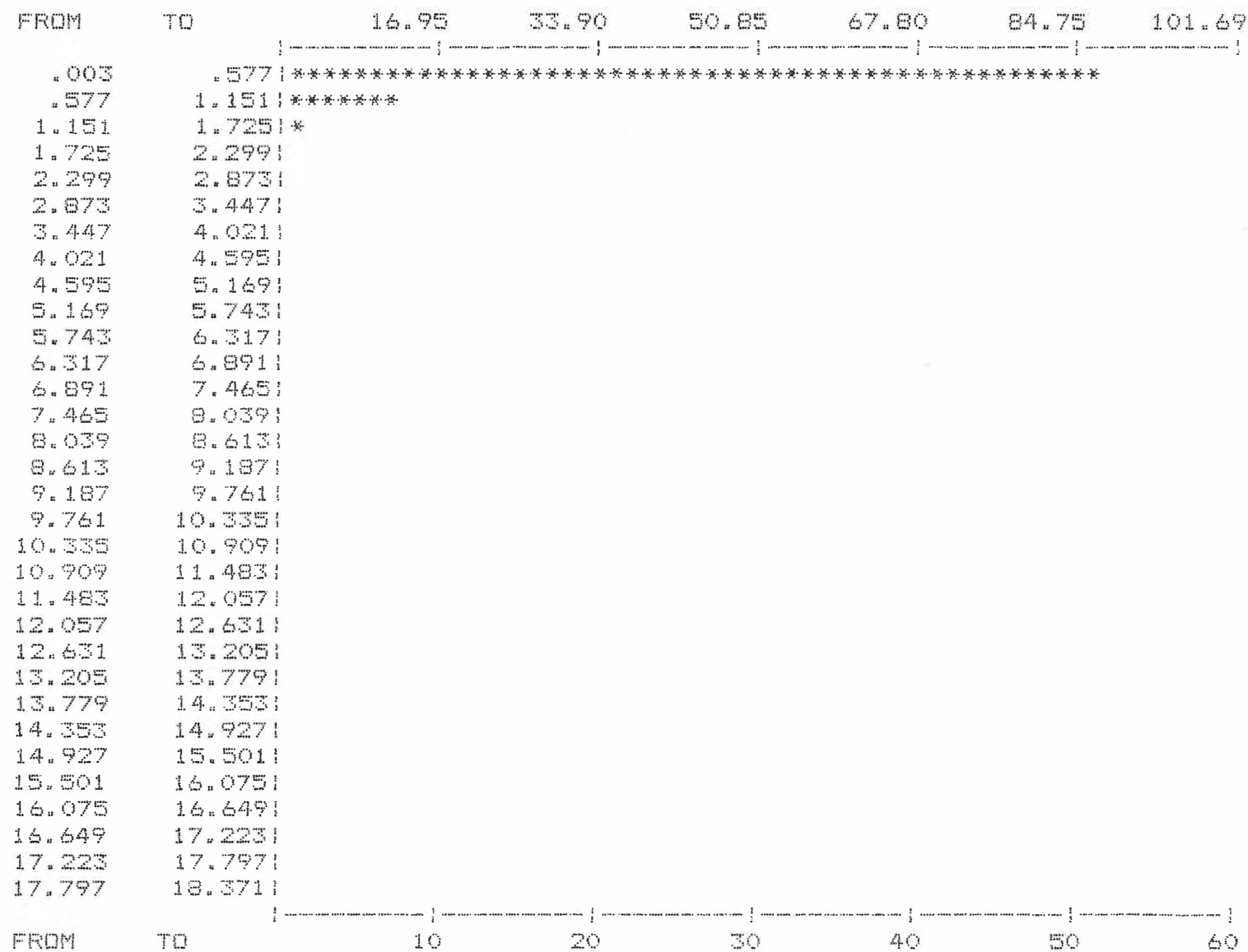
CLASS INTERVAL	:	.054
MINIMUM HISTOGRAM VALUE	:	.010
MAXIMUM HISTOGRAM VALUE	:	.549
TOTAL NUMBER OF SAMPLES USED	:	52
MINIMUM POPULATION DATA POINT	:	.010
MAXIMUM POPULATION DATA POINT	:	.549
TOTAL POPULATION	:	52

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 30,31,32,33

NORMAL HISTOGRAM

FREQUENCY 1.6949 PERCENT PER STAR



1.0000 COUNTS PER STAR

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 30,31,32,33

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		LESS THAN UPPER BND GREATER THAN LOWER BND									
FROM	TO	<-INCREMENTAL-> COUNT	MEAN	CUM COUNT	INCREASING MEAN	CUM PERCENT	CUM COUNT	DECREASING MEAN	CUM PERCENT	FREQ	
.00300	.57700	51	.17535	51	.17535	86.44	59	.25865	100.00		
.577	1.151	7	.696	58	.238	98.31	8	.790	13.56		
1.151	1.725	1	1.446	59	.259	100.00	1	1.446	1.69		
1.725	2.299	0	.000	59	.259	100.00	0	1.446	.00		
2.299	2.873	0	.000	59	.259	100.00	0	1.446	.00		
2.873	3.447	0	.000	59	.259	100.00	0	1.446	.00		
3.447	4.021	0	.000	59	.259	100.00	0	1.446	.00		
4.021	4.595	0	.000	59	.259	100.00	0	1.446	.00		
4.595	5.169	0	.000	59	.259	100.00	0	1.446	.00		
5.169	5.743	0	.000	59	.259	100.00	0	1.446	.00		
5.743	6.317	0	.000	59	.259	100.00	0	1.446	.00		
6.317	6.891	0	.000	59	.259	100.00	0	1.446	.00		
6.891	7.465	0	.000	59	.259	100.00	0	1.446	.00		
7.465	8.039	0	.000	59	.259	100.00	0	1.446	.00		
8.039	8.613	0	.000	59	.259	100.00	0	1.446	.00		
8.613	9.187	0	.000	59	.259	100.00	0	1.446	.00		
9.187	9.761	0	.000	59	.259	100.00	0	1.446	.00		
9.761	10.335	0	.000	59	.259	100.00	0	1.446	.00		
10.335	10.909	0	.000	59	.259	100.00	0	1.446	.00		
10.909	11.483	0	.000	59	.259	100.00	0	1.446	.00		
11.483	12.057	0	.000	59	.259	100.00	0	1.446	.00		
12.057	12.631	0	.000	59	.259	100.00	0	1.446	.00		
12.631	13.205	0	.000	59	.259	100.00	0	1.446	.00		
13.205	13.779	0	.000	59	.259	100.00	0	1.446	.00		
13.779	14.353	0	.000	59	.259	100.00	0	1.446	.00		
14.353	14.927	0	.000	59	.259	100.00	0	1.446	.00		
14.927	15.501	0	.000	59	.259	100.00	0	1.446	.00		
15.501	16.075	0	.000	59	.259	100.00	0	1.446	.00		
16.075	16.649	0	.000	59	.259	100.00	0	1.446	.00		
16.649	17.223	0	.000	59	.259	100.00	0	1.446	.00		
17.223	17.797	0	.000	59	.259	100.00	0	1.446	.00		
17.797	18.371	0	.000	59	.259	100.00	0	1.446	.00		

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 30,31,32,33

CLASSICAL STATISTICS : UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	55	
ARITHMETIC MEAN	.2586	.3776
MEDIAN		.3350
GEOMETRIC MEAN	.1656	.3392
NATURAL LOG MEAN	-1.7982	-1.0812
STANDARD DEVIATION	.2619	.2319
VARIANCE	.0686	.0538
COEFFICIENT OF VARIATION	1.0125	.6141
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0686	.0538
MOMENT 3 ABOUT ARITHMETIC MEAN	.0387	.0333
MOMENT 4 ABOUT ARITHMETIC MEAN	.0415	.0281
MOMENT COEFFICIENT OF SKEWNESS	2.1574	2.6705
MOMENT COEFFICIENT OF KURTOSIS	8.8289	9.7318

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

21/11/88

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 30,31,32,33

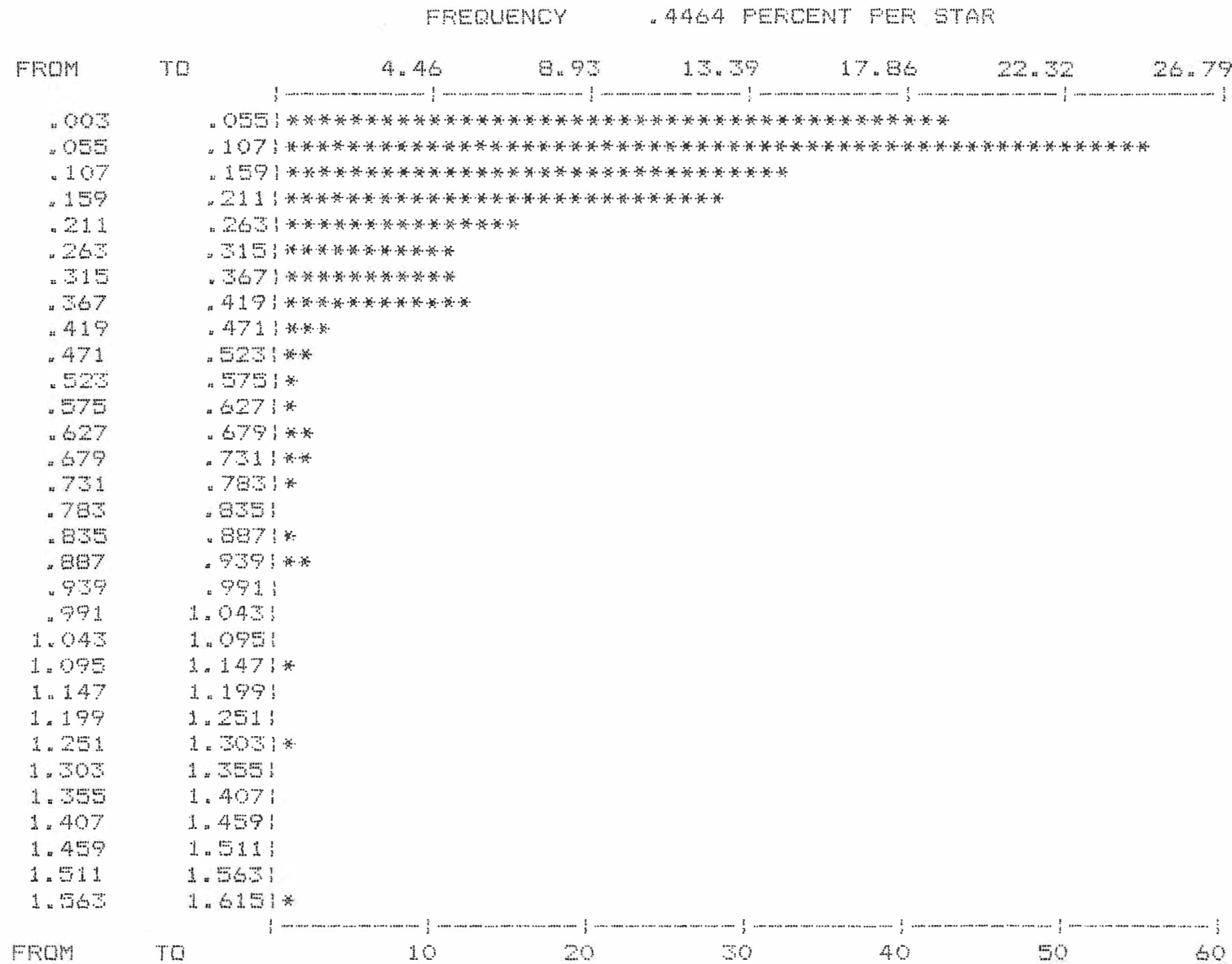
DATA VALUES ENTERED

CLASS INTERVAL	:	.574
MINIMUM HISTOGRAM VALUE	:	.003
MAXIMUM HISTOGRAM VALUE	:	18.360
TOTAL NUMBER OF SAMPLES USED	:	59
MINIMUM POPULATION DATA POINT	:	.003
MAXIMUM POPULATION DATA POINT	:	18.360
TOTAL POPULATION	:	61

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPE 21

NORMAL HISTOGRAM



1.0000 COUNTS PER STAR

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPE 21

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		LESS THAN UPPER BND GREATER THAN LOWER BND									
FROM	TO	COUNT	MEAN	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM MEAN	CUM FREQ PERCENT	CUM COUNT	CUM FREQ PERCENT
		<--INCREMENTAL-->	<--INCREASING-->				<--DECREASING-->				
.00300	.05500	42	.03514	42	.03514	18.75	224	.19667	100.00		
.055	.107	55	.084	97	.063	43.30	182	.234	81.25		
.107	.159	32	.130	129	.080	57.59	127	.299	56.70		
.159	.211	28	.181	157	.098	70.09	95	.356	42.41		
.211	.263	15	.236	172	.110	76.79	67	.429	29.91		
.263	.315	11	.286	183	.120	81.70	52	.484	23.21		
.315	.367	11	.341	194	.133	86.61	41	.538	18.30		
.367	.419	12	.396	206	.148	91.96	30	.610	13.39		
.419	.471	3	.435	209	.152	93.30	18	.752	8.04		
.471	.523	2	.479	211	.155	94.20	15	.816	6.70		
.523	.575	1	.534	212	.157	94.64	13	.867	5.80		
.575	.627	1	.592	213	.159	95.09	12	.895	5.36		
.627	.679	2	.651	215	.164	95.98	11	.923	4.91		
.679	.731	2	.715	217	.169	96.88	9	.983	4.02		
.731	.783	1	.778	218	.172	97.32	7	1.060	3.13		
.783	.835	0	.000	218	.172	97.32	6	1.107	2.68		
.835	.887	1	.867	219	.175	97.77	6	1.107	2.68		
.887	.939	2	.905	221	.181	98.66	5	1.155	2.23		
.939	.991	0	.000	221	.181	98.66	3	1.321	1.34		
.991	1.043	0	.000	221	.181	98.66	3	1.321	1.34		
1.043	1.095	0	.000	221	.181	98.66	3	1.321	1.34		
1.095	1.147	1	1.102	222	.186	99.11	3	1.321	1.34		
1.147	1.199	0	.000	222	.186	99.11	2	1.431	.89		
1.199	1.251	0	.000	222	.186	99.11	2	1.431	.89		
1.251	1.303	1	1.263	223	.190	99.55	2	1.431	.89		
1.303	1.355	0	.000	223	.190	99.55	1	1.600	.45		
1.355	1.407	0	.000	223	.190	99.55	1	1.600	.45		
1.407	1.459	0	.000	223	.190	99.55	1	1.600	.45		
1.459	1.511	0	.000	223	.190	99.55	1	1.600	.45		
1.511	1.563	0	.000	223	.190	99.55	1	1.600	.45		
1.563	1.615	1	1.600	224	.197	100.00	1	1.600	.45		

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPE 21

CLASSICAL STATISTICS :	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	224	
ARITHMETIC MEAN	.1967	.1961
MEDIAN		.1314
GEOMETRIC MEAN	.1279	.1264
NATURAL LOG MEAN	-2.0568	-2.0683
STANDARD DEVIATION	.2120	.2133
VARIANCE	.0449	.0455
Coefficient of Variation	1.0778	1.0873
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0449	.0455
MOMENT 3 ABOUT ARITHMETIC MEAN	.0288	.0289
MOMENT 4 ABOUT ARITHMETIC MEAN	.0313	.0314
MOMENT COEFFICIENT OF SKEWNESS	3.0211	2.9801
MOMENT COEFFICIENT OF KURTOSIS	15.5177	15.1952

4A

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPE 21

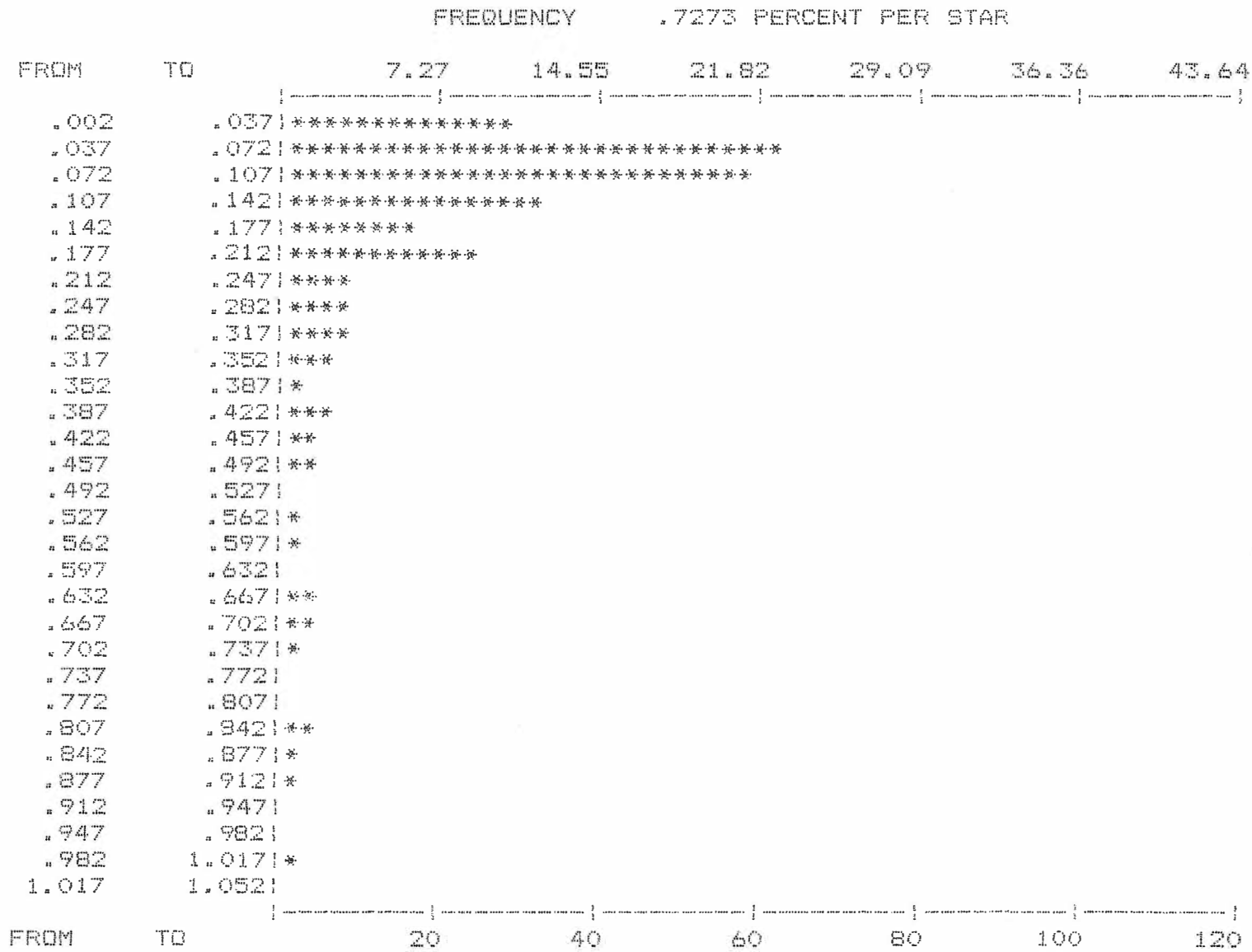
DATA VALUES ENTERED

CLASS INTERVAL	:	.052
MINIMUM HISTOGRAM VALUE	:	.003
MAXIMUM HISTOGRAM VALUE	:	1.600
TOTAL NUMBER OF SAMPLES USED	:	224
MINIMUM POPULATION DATA POINT	:	.003
MAXIMUM POPULATION DATA POINT	:	1.600
TOTAL POPULATION	:	225

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 50/60

NORMAL HISTOGRAM



CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 50/60

FREQUENCY DISTRIBUTIONS

CLASS INTERVAL		LESS THAN UPPER BND GREATER THAN LOWER BND									
FROM	TO	<--INCREMENTAL-->					>--DECREASING-->				
		COUNT	MEAN	CUM COUNT	CUM MEAN	CUM PERCENT	CUM COUNT	CUM MEAN	CUM PERCENT	CUM COUNT	CUM PERCENT
.00200	.03700	28	.02495	28	.02495	10.18	275	.16769	100.00		
.037	.072	62	.057	90	.047	32.73	247	.184	89.82		
.072	.107	57	.089	147	.063	53.45	185	.226	67.27		
.107	.142	31	.127	178	.074	64.73	128	.288	46.55		
.142	.177	15	.156	193	.081	70.18	97	.339	35.27		
.177	.212	24	.195	217	.093	78.91	82	.372	29.82		
.212	.247	7	.228	224	.098	81.45	58	.446	21.09		
.247	.282	8	.268	232	.103	84.36	51	.476	18.55		
.282	.317	8	.299	240	.110	87.27	43	.514	15.64		
.317	.352	5	.334	245	.115	89.09	35	.564	12.73		
.352	.387	2	.360	247	.117	89.82	30	.602	10.91		
.387	.422	5	.408	252	.122	91.64	28	.619	10.18		
.422	.457	3	.440	255	.126	92.73	23	.665	8.36		
.457	.492	3	.479	258	.130	93.82	20	.699	7.27		
.492	.527	0	.000	258	.130	93.82	17	.738	6.18		
.527	.562	1	.559	259	.132	94.18	17	.738	6.18		
.562	.597	1	.579	260	.134	94.55	16	.749	5.82		
.597	.632	0	.000	260	.134	94.55	15	.760	5.45		
.632	.667	4	.645	264	.141	96.00	15	.760	5.45		
.667	.702	3	.681	267	.147	97.09	11	.802	4.00		
.702	.737	1	.723	268	.149	97.45	8	.848	2.91		
.737	.772	0	.000	268	.149	97.45	7	.865	2.55		
.772	.807	0	.000	268	.149	97.45	7	.865	2.55		
.807	.842	3	.822	271	.157	98.55	7	.865	2.55		
.842	.877	2	.860	273	.162	99.27	4	.898	1.45		
.877	.912	1	.885	274	.165	99.64	2	.937	.73		
.912	.947	0	.000	274	.165	99.64	1	.988	.36		
.947	.982	0	.000	274	.165	99.64	1	.988	.36		
.982	1.017	1	.988	275	.168	100.00	1	.988	.36		
1.017	1.052	0	.000	275	.168	100.00	0	.988	.00		

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : Au EXTRACTION DATA FOR ROCK TYPES 50/60

CLASSICAL STATISTICS : UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	275	
ARITHMETIC MEAN	.1677	.1666
MEDIAN		.1012
GEOMETRIC MEAN	.1095	.1079
NATURAL LOG MEAN	-2.2118	-2.2264
STANDARD DEVIATION	.1789	.1799
VARIANCE	.0320	.0324
Coefficient of VARIATION	1.0668	1.0794
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0320	.0324
MOMENT 3 ABOUT ARITHMETIC MEAN	.0133	.0135
MOMENT 4 ABOUT ARITHMETIC MEAN	.0087	.0089
MOMENT COEFFICIENT OF SKEWNESS	2.3203	2.3264
MOMENT COEFFICIENT OF KURTOSIS	8.4728	8.5338

4EG

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION DATA USED : ALL EXTRACTION DATA FOR ROCK TYPES 50/60

DATA VALUES ENTERED

CLASS INTERVAL	#	.035
MINIMUM HISTOGRAM VALUE	#	.002
MAXIMUM HISTOGRAM VALUE	#	1.047
TOTAL NUMBER OF SAMPLES USED	#	275
MINIMUM POPULATION DATA POINT	#	.002
MAXIMUM POPULATION DATA POINT	#	1.047
TOTAL POPULATION	#	276