

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

GRUM DRILLHOLE DATABASE

CORRASH RESOURCE
 Serial no: 203
 14: 7:10
 30/ 3/90 Page :

 CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\grum\comp20.aex
 DATA DESCRIPTION : Pb+Zn // PLANE COMPS. WITH ROCK CODE 20 AT INTERVAL CENTER
 DATA DESCRIPTION : // PLANE 20

 DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	24.430
TOTAL NUMBER OF SAMPLES USED	:	1252
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	24.430
CLASS INTERVAL	:	.521
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	24.430
TOTAL POPULATION	:	1252

 UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1252	
ARITHMETIC MEAN	4.5551	4.5731
MEDIAN		3.9755
GEOMETRIC MEAN	1.7498	2.9375
NATURAL LOG MEAN	.5573	1.0429
STANDARD DEVIATION	3.7671	3.7442
VARIANCE	14.2061	14.0187
COEFFICIENT OF VARIATION	.8275	.8127
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	14.2061	14.0187
MOMENT 3 ABOUT ARITHMETIC MEAN	62.7322	62.8647
MOMENT 4 ABOUT ARITHMETIC MEAN	765.8712	753.5356
MOMENT COEFFICIENT OF SKEWNESS	1.1715	1.1977
MOMENT COEFFICIENT OF KURTOSIS	4.8009	4.3520

NS. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

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CLASS INTERVAL		CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO	COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT	
0.0020	0.52120	155	1.2650	12.36	1232	4.55307	100.00	
.521	1.042	54	.750	19.09	1097	5.181	87.82	
1.042	1.563	77	1.274	28.24	1613	5.543	80.51	
1.563	2.084	71	1.632	30.91	936	5.993	74.76	
2.084	2.605	79	2.349	37.22	865	6.232	69.09	
2.605	3.126	47	2.974	40.97	736	6.622	62.78	
3.126	3.647	67	3.321	46.33	739	6.860	59.03	
3.647	4.168	73	3.925	52.16	672	7.267	53.67	
4.168	4.689	65	4.415	57.59	599	7.607	47.84	
4.689	5.210	67	4.956	62.94	531	8.016	42.41	
5.210	5.731	57	5.455	68.29	464	8.453	37.06	
5.731	6.252	53	6.011	72.92	397	8.963	31.71	
6.252	6.773	42	6.510	76.23	339	9.468	27.02	
6.773	7.294	41	7.019	79.55	297	9.886	23.72	
7.294	7.815	46	7.531	83.23	256	10.345	20.45	
7.815	8.336	40	8.061	86.42	210	10.761	16.77	
8.336	8.857	25	8.605	88.42	170	11.644	13.52	
8.857	9.378	24	9.075	90.34	145	12.168	11.53	
9.378	9.899	14	9.617	91.45	121	12.777	9.66	
9.899	10.420	13	10.227	92.25	107	13.191	8.55	
10.420	10.941	11	10.690	93.13	97	13.497	7.75	
10.941	11.462	12	11.296	94.05	86	13.856	6.97	
11.462	11.983	10	11.863	95.13	74	14.272	6.31	
11.983	12.504	7	12.245	95.69	61	14.827	4.87	
12.504	13.025	6	12.632	95.17	54	15.161	4.31	
13.025	13.546	13	13.414	97.20	48	15.471	3.83	
13.546	14.067	9	13.764	97.84	35	16.235	2.90	
14.067	14.588	3	14.269	98.08	27	16.965	2.16	
14.588	15.109	3	14.939	98.32	24	17.305	1.92	
15.109	15.630	3	15.419	98.56	21	17.643	1.68	
15.630	16.151	3	15.998	98.80	19	18.013	1.44	
16.151	16.672	4	16.333	99.12	15	18.416	1.20	
16.672	17.193	2	17.057	99.28	11	19.174	.88	
17.193	17.714	1	17.238	99.36	9	19.645	.72	
17.714	18.235	1	17.817	99.44	9	19.946	.84	
18.235	18.756	1	18.347	99.52	7	20.250	.56	
18.756	19.277	3	18.953	99.76	6	20.567	.48	
19.277	19.798	0	.000	99.76	3	22.180	.24	
19.798	20.319	0	.000	99.76	3	22.180	.24	
20.319	20.840	1	20.515	99.84	3	22.180	.24	
20.840	21.361	0	.000	99.84	2	23.013	.16	
21.361	21.982	1	21.547	99.92	2	23.013	.16	
21.982	22.403	0	.000	99.92	1	24.480	.08	
22.403	22.924	0	.000	99.92	1	24.480	.08	
22.924	23.445	0	.000	99.92	1	24.480	.08	
23.445	23.966	0	.000	99.92	1	24.480	.08	
23.966	24.480	1	24.480	100.00	1	24.480	.08	

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT	
.00020	.52120	155	.12680	155	.12680	12.38	1252	4.55507	100.00	
.521	1.042	84	.750	239	.346	19.09	1097	5.181	87.62	
1.042	1.563	77	1.296	316	.577	25.24	1013	5.548	80.91	
1.563	2.084	71	1.832	387	.808	30.91	936	5.898	74.76	
2.084	2.605	79	2.349	466	1.069	37.22	865	6.232	69.09	
2.605	3.126	47	2.874	513	1.234	40.97	786	6.622	62.78	
3.126	3.647	67	3.381	580	1.482	46.33	739	6.860	59.03	
3.647	4.168	73	3.925	653	1.755	52.16	672	7.207	53.67	
4.168	4.689	68	4.416	721	2.006	57.59	599	7.607	47.84	
4.689	5.210	67	4.956	788	2.257	62.94	531	8.016	42.41	
5.210	5.731	67	5.465	855	2.509	68.29	464	8.458	37.06	
5.731	6.252	58	6.011	913	2.731	72.92	397	8.963	31.71	
6.252	6.773	42	6.510	955	2.897	76.28	339	9.468	27.08	
6.773	7.294	41	7.019	996	3.067	79.55	297	9.886	23.72	
7.294	7.815	46	7.531	1042	3.264	83.23	256	10.345	20.45	

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT
CAPS D NUM LOCK DD

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CLASS INTERVAL		COUNT	MEAN	CUM	CUM	CUM	DEC	DEC	DEC	FREQ
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT	
7.294	7.815	46	7.531	1042	3.264	83.23	256	10.345	20.45	
7.815	8.336	40	8.061	1082	3.441	86.42	210	10.961	16.77	
8.336	8.857	25	8.605	1107	3.558	88.42	170	11.644	13.58	
8.857	9.378	24	9.095	1131	3.675	90.34	145	12.168	11.58	
9.378	9.899	14	9.617	1145	3.748	91.45	121	12.777	9.66	
9.899	10.420	10	10.223	1155	3.804	92.25	107	13.191	8.55	
10.420	10.941	11	10.690	1166	3.869	93.13	97	13.497	7.75	
10.941	11.462	12	11.290	1178	3.945	94.09	86	13.856	6.87	
11.462	11.983	13	11.668	1191	4.029	95.13	74	14.272	5.91	
11.983	12.504	7	12.248	1198	4.077	95.69	61	14.827	4.87	
12.504	13.025	6	12.682	1204	4.120	96.17	54	15.161	4.31	
13.025	13.546	13	13.414	1217	4.219	97.20	48	15.471	3.83	
13.546	14.067	8	13.764	1225	4.281	97.84	35	16.235	2.80	
14.067	14.588	3	14.269	1228	4.306	98.08	27	16.968	2.16	
14.588	15.109	3	14.939	1231	4.332	98.32	24	17.305	1.92	

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CAPS D NUM LOCK DD

