
GRAPHING RECORD SUMMARY PRINTOUT

RECORD	DESCRIPTION	TYPE
1	S.G. PLOT FOR ROCK CODE 20	HISTOGRAM
2	S.G.-PULP PLOT FOR ROCK CODE 30	HISTOGRAM
3	-99	HISTOGRAM
4	-99	HISTOGRAM
5	SG-PULP Vs. Pb+Zn % FOR ROCK CODE 20	SCATTERGRAM
6	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 30	SCATTERGRAM
7	SG-PULP PLOT FOR ROCK CODE 50	HISTOGRAM
8	SG-PULP PLOT FOR ROCK CODE 60	HISTOGRAM
9	SG-PULP Vs. Pb+Zn% PLOT FOR ROCK CODE 50	SCATTERGRAM
10	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 70	SCATTERGRAM
11	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 60	SCATTERGRAM
12	Pb% Vs. Ag g/t (AA) PLOT FOR ROCK CODE 20	SCATTERGRAM
13	Pb% Vs. Zn% PLOT FOR ROCK CODE 20	SCATTERGRAM
14	SG-PULP PLOT FOR ROCK CODE 70*	HISTOGRAM
15	SG-PULP PLOT FOR ROCK CODE 20	HISTOGRAM

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1	S.G. PLOT FOR ROCK CODE 20	HISTOGRAM
2	S.G.-PULP PLOT FOR ROCK CODE 30	HISTOGRAM
3	-99	HISTOGRAM
4	-99	HISTOGRAM
5	SG-PULP Vs. Pb+Zn % FOR ROCK CODE 20	SCATTERGRAM
6	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 30	SCATTERGRAM
7	SG-PULP PLOT FOR ROCK CODE 50	HISTOGRAM
8	SG-PULP PLOT FOR ROCK CODE 60	HISTOGRAM
9	SG-PULP Vs. Pb+Zn% PLOT FOR ROCK CODE 50	SCATTERGRAM
10	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 70	SCATTERGRAM
11	SG-PULP Vs. Pb+Zn % PLOT FOR ROCK CODE 60	SCATTERGRAM
12	Pb% Vs. Ag g/t (AA) PLOT FOR ROCK CODE 20	SCATTERGRAM
13	Pb% Vs. Zn% PLOT FOR ROCK CODE 20	SCATTERGRAM
14	SG-PULP PLOT FOR ROCK CODE 70*	HISTOGRAM
15	SG-PULP PLOT FOR ROCK CODE 20	HISTOGRAM

CLASS INTERVAL		COUNT	MEAN	CUM		CUM FREQ		DEC		DEC FREQ	
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT		
2.694	2.715	10	2.702	43	2.644	6.30	649	3.066	95.16		
2.715	2.736	3	2.727	46	2.649	6.74	639	3.071	93.70		
2.736	2.757	8	2.741	54	2.663	7.92	636	3.073	93.26		
2.757	2.778	8	2.764	62	2.676	9.09	628	3.077	92.08		
2.778	2.799	5	2.786	67	2.684	9.82	620	3.081	90.91		
2.799	2.820	38	2.803	105	2.727	15.40	615	3.084	90.18		
2.820	2.841	7	2.836	112	2.734	16.42	577	3.102	84.60		
2.841	2.862	12	2.856	124	2.746	18.18	570	3.105	83.58		
2.862	2.883	20	2.877	144	2.764	21.11	558	3.111	81.82		
2.883	2.904	52	2.898	196	2.799	28.74	538	3.119	78.89		
2.904	2.925	24	2.916	220	2.812	32.26	486	3.143	71.26		
2.925	2.946	17	2.935	237	2.821	34.75	462	3.155	67.74		
2.946	2.967	20	2.957	257	2.832	37.68	445	3.163	65.25		
2.967	2.988	17	2.975	274	2.840	40.18	425	3.173	62.32		
2.988	3.009	50	2.997	324	2.865	47.51	408	3.181	59.82		

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT

CLASS INTERVAL		COUNT	MEAN	CUM		CUM FREQ		DEC		DEC FREQ	
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT		
2.988	3.009	50	2.997	324	2.865	47.51	408	3.181	59.82		
3.009	3.030	35	3.019	359	2.880	52.64	358	3.207	52.49		
3.030	3.051	20	3.046	379	2.888	55.57	323	3.227	47.36		
3.051	3.072	19	3.064	398	2.897	58.36	303	3.239	44.43		
3.072	3.093	14	3.084	412	2.903	60.41	284	3.251	41.64		
3.093	3.114	25	3.102	437	2.915	64.08	270	3.260	39.59		
3.114	3.135	17	3.124	454	2.922	66.57	245	3.276	35.92		
3.135	3.156	10	3.145	464	2.927	68.04	228	3.287	33.43		
3.156	3.177	13	3.164	477	2.934	69.94	218	3.294	31.96		
3.177	3.198	14	3.183	491	2.941	71.99	205	3.302	30.06		
3.198	3.219	23	3.205	514	2.953	75.37	191	3.311	28.01		
3.219	3.240	23	3.230	537	2.964	78.74	168	3.325	24.63		
3.240	3.261	12	3.255	549	2.971	80.50	145	3.340	21.26		
3.261	3.282	13	3.275	562	2.978	82.40	133	3.348	19.50		
3.282	3.303	15	3.297	577	2.986	84.60	120	3.356	17.60		

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT

CLASS INTERVAL		COUNT	MEAN	CUM		CUM FREQ		DEC		DEC FREQ	
FROM	TO			COUNT	MEAN	PERCENT	COUNT	MEAN	PERCENT		
3.114	3.135	17	3.124	454	2.922	66.57	245	3.276	35.92		
3.135	3.156	10	3.145	464	2.927	68.04	228	3.287	33.43		
3.156	3.177	13	3.164	477	2.934	69.94	218	3.294	31.96		
3.177	3.198	14	3.183	491	2.941	71.99	205	3.302	30.06		
3.198	3.219	23	3.205	514	2.953	75.37	191	3.311	28.01		
3.219	3.240	23	3.230	537	2.964	78.74	168	3.325	24.63		
3.240	3.261	12	3.255	549	2.971	80.50	145	3.340	21.26		
3.261	3.282	13	3.275	562	2.978	82.40	133	3.348	19.50		
3.282	3.303	15	3.297	577	2.986	84.60	120	3.356	17.60		
3.303	3.324	21	3.314	598	2.998	87.68	105	3.365	15.40		
3.324	3.345	14	3.336	612	3.005	89.74	84	3.377	12.32		
3.345	3.366	13	3.358	625	3.013	91.64	70	3.385	10.26		
3.366	3.387	18	3.377	643	3.023	94.28	57	3.392	8.36		
3.387	3.408	31	3.396	674	3.040	98.83	39	3.399	5.72		
3.408	3.429	8	3.410	682	3.044	100.00	8	3.410	1.17		

F5 - PRINT F6 - HISTOGRAM F7 - LINE GRAPH F8 - EXPORT F9 - REDO F10 - QUIT

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\SGDATA60
 DATA DESCRIPTION : ALL SG-PULP DATA FOR ROCK CODE 60
 DATA DESCRIPTION : SG-PULP PLOT FOR ROCK CODE 60

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE : 2.600
 MAXIMUM CUTOFF VALUE : 5.750
 TOTAL NUMBER OF SAMPLES USED : 689

MINIMUM HISTOGRAM VALUE : 2.600
 MAXIMUM HISTOGRAM VALUE : 5.750
 CLASS INTERVAL : .075

MINIMUM POPULATION DATA POINT : -1.000
 MAXIMUM POPULATION DATA POINT : 5.560
 TOTAL POPULATION : 854

UNGROUPED DATA GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	689	
ARITHMETIC MEAN	4.4108	4.410
MEDIAN		4.485
GEOMETRIC MEAN	4.3943	4.396
NATURAL LOG MEAN	1.4803	1.480
STANDARD DEVIATION	.3660	.367
VARIANCE	.1340	.135
COEFFICIENT OF VARIATION	.0830	.083
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.000
MOMENT 2 ABOUT ARITHMETIC MEAN	.1340	.135
MOMENT 3 ABOUT ARITHMETIC MEAN	-.0572	-.058
MOMENT 4 ABOUT ARITHMETIC MEAN	.0942	.0964
MOMENT COEFFICIENT OF SKEWNESS	-1.1674	-1.1710
MOMENT COEFFICIENT OF KURTOSIS	5.2497	5.2839

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\SGDATA50
 DATA DESCRIPTION : ALL SG-FULF DATA FOR ROCK CODE 50
 DATA DESCRIPTION : SG-FULF PLOT FOR ROCK CODE 50

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.750
MAXIMUM CUTOFF VALUE	:	5.825
TOTAL NUMBER OF SAMPLES USED	:	1531
MINIMUM HISTOGRAM VALUE	:	2.750
MAXIMUM HISTOGRAM VALUE	:	5.825
CLASS INTERVAL	:	.075
MINIMUM POPULATION DATA POINT	:	-1.000
MAXIMUM POPULATION DATA POINT	:	5.710
TOTAL POPULATION	:	2035

	UNGROUPED DATA	GROUPED DATA
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TOTAL NO OF SAMPLES	1531	
ARITHMETIC MEAN	4.2288	4.2287
MEDIAN		4.3335
GEOMETRIC MEAN	4.2005	4.2002
NATURAL LOG MEAN	1.4352	1.4351
STANDARD DEVIATION	.4749	.4761
VARIANCE	.2255	.2267
COEFFICIENT OF VARIATION	.1123	.1126
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.2255	.2267
MOMENT 3 ABOUT ARITHMETIC MEAN	-.0622	-.0629
MOMENT 4 ABOUT ARITHMETIC MEAN	.1390	.1405
MOMENT COEFFICIENT OF SKEWNESS	-.5805	-.5833
MOMENT COEFFICIENT OF KURTOSIS	2.7335	2.7354

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\SSDATA20
 DATA DESCRIPTION : ALL SG-PULP DATA FOR ROCK CODE 20
 SG-PULP PLOT FOR ROCK CODE 20

DATA VALUES ENTERED

MINIMUM GUTOFF VALUE	:	1.850	
MAXIMUM GUTOFF VALUE	:	4.775	
TOTAL NUMBER OF SAMPLES USED	:	3430	
MINIMUM HISTOGRAM VALUE	:	1.850	
CLASS INTERVAL	:	4.075	
MINIMUM POPULATION DATA POINT	:	2.000	
TOTAL POPULATION	:	4.620	→ 4791

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	3.3430	
ARITHMETIC MEAN	3.1559	1.1551
GEOMETRIC MEAN	3.1404	1.1487
HARMONIC MEAN	1.1444	1.1441
STANDARD DEVIATION	1.3166	1.1603
PERCENT OF VARIATION	1.0000	1.0000
COEFFICIENT OF VARIATION	1.0000	1.0000
COEFFICIENT OF DISTORTION	1.0000	1.0000
COEFFICIENT OF SKWENESS	0.4115	0.2000
COEFFICIENT OF KURTOSIS	0.4115	0.4114
COEFFICIENT OF MODALITY	4.1041	4.1394

NR. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\SGDATA30
DATA DESCRIPTION : ALL SG-PULP DATA FOR ROCK CODE 30
DATA DESCRIPTION : SG-PULP PLOT FOR ROCK CODE 30

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	::	2.350
MAXIMUM CUTOFF VALUE	::	5.125
TOTAL NUMBER OF SAMPLES USED	::	1392
MINIMUM HISTOGRAM VALUE	::	2.350
MAXIMUM HISTOGRAM VALUE	::	5.125
CLASS INTERVAL	::	.075
MINIMUM POPULATION DATA POINT	::	-1.000
MAXIMUM POPULATION DATA POINT	::	5.000
TOTAL POPULATION	::	1933

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	1392	
ARITHMETIC MEAN	3.4200	3.4221
MEDIAN		3.4361
GEOMETRIC MEAN	3.3920	3.3941
NATURAL LOG MEAN	1.2214	1.2220
STANDARD DEVIATION	.4405	.4408
VARIANCE	.1940	.1943
COEFFICIENT OF VARIATION	.1288	.1288
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.1940	.1943
MOMENT 3 ABOUT ARITHMETIC MEAN	.0263	.0270
MOMENT 4 ABOUT ARITHMETIC MEAN	.0992	.0994
MOMENT COEFFICIENT OF SKEWNESS	.3080	.3156
MOMENT COEFFICIENT OF KURTOSIS	2.6358	2.6329

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\SGDATA70
DATA DESCRIPTION : ALL SG-PULP DATA FOR ROCK CODE 70
DATA DESCRIPTION : SG-PULP PLOT FOR ROCK CODE 70

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.750
MAXIMUM CUTOFF VALUE	:	5.500
TOTAL NUMBER OF SAMPLES USED	:	36
MINIMUM HISTOGRAM VALUE	:	2.750
MAXIMUM HISTOGRAM VALUE	:	5.525
CLASS INTERVAL	:	.075
MINIMUM POPULATION DATA POINT	:	-1.000
MAXIMUM POPULATION DATA POINT	:	5.190
TOTAL POPULATION	:	49

UNGROUPED DATA GROUPED DATA

TOTAL NO OF SAMPLES	36	
ARITHMETIC MEAN	3.7797	3.7792
MEDIAN		3.6800
GEOMETRIC MEAN	3.7562	3.7557
NATURAL LOG MEAN	1.3234	1.3233
STANDARD DEVIATION	.4367	.4370
VARIANCE	.1907	.1910
COEFFICIENT OF VARIATION	.1155	.1156
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.1907	.1910
MOMENT 3 ABOUT ARITHMETIC MEAN	.0977	.1010
MOMENT 4 ABOUT ARITHMETIC MEAN	.1598	.1612
MOMENT COEFFICIENT OF SKEWNESS	1.1730	1.2102
MOMENT COEFFICIENT OF KURTOSIS	4.3939	4.4207

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

