EC-XPLOR VERSION 1.22 ***
Exploration Data Manager ***
by GEMCOM SERVICES INC.

GRUM DRILLHOLE DATABASE

CLASSICAL STATISTICS AND HISTOGRAMS

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

DATA VALUES ENTERED

| | | |
|---|---|---|
| MINIMUM CUTOFF VALUE | : | 6.000 |
| MAXIMUM CUTOFF VALUE | : | 6.000 |
| TOTAL NUMBER OF SAMPLES USED | : | 36 |
| MINIMUM HISTOGRAM VALUE | : | 6.000 |
| MAXIMUM HISTOGRAM VALUE | : | 6.000 |
| CLASS INTERVAL | : | .200 |
| MINIMUM POPULATION DATA POINT | : | -1.000 |
| MAXIMUM POPULATION DATA POINT | : | 5.190 |
| TOTAL POPULATION | : | 49 |

| | UNGROUPED DATA | GROUPED DATA |
|---|---|---|
| TOTAL NO OF SAMPLES | 36 OK | |
| ARITHMETIC MEAN | 3.7797 | 3.7667 |
| MEDIAN | 3.7567 | 3.6975 |
| GEOMETRIC MEAN | 3.7834 | 3.7435 |
| NATURAL LOG MEAN | 1.3327 | 1.3200 |
| STANDARD DEVIATION | .4367 | .4320 |
| VARIANCE | .1907 | .1867 |
| COEFFICIENT OF VARIATION | .1155 | .1147 |
| MOMENT 1 ABOUT ARITHMETIC MEAN | .0000 | .0000 |
| MOMENT 2 ABOUT ARITHMETIC MEAN | .1907 | .1867 |
| MOMENT 3 ABOUT ARITHMETIC MEAN | .0977 | .0877 |
| MOMENT 4 ABOUT ARITHMETIC MEAN | .1598 | .1425 |
| MOMENT COEFFICIENT OF SKEWNESS | 1.1300 | 1.0875 |
| MOMENT COEFFICIENT OF KURTOSIS | 4.3939 | 4.0884 |

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

Prepare statistics and histograms from extraction file

| | |
|---|---|
| Number of data points | [705 ] |
| Minimum value | [3.430 ] |
| Maximum value | [5.000 ] |
| Number of values less than or equal to zero | [0 ] |
| Lower cutoff value | [3.430 ] |
| Upper cutoff value | [5.000 ] |
| Histogram minimum | [3.430 ] |
| Histogram maximum | [5.000 ] |
| Number of classes | [48 ] |
| Class intervals | [.033 ] |
| Histogram type (Normal/Log) : | [NORMAL ] |
| Graph description : | [SG-PULP DATA FOR ROCK CODE 30 (>3.42) ] |

Description :[SG-PULP DATA FOR ROCK CODE 30 (VALUES >3.42) ]

| | | | |
|---|---|---|---|
| No. of samples | [705 ] | Number of values <= 0 | [0 ] |
| Minimum value | [3.430 ] | Minimum Histogram value | [3.430 ] |
| Maximum value | [5.000 ] | Maximum Histogram value | [5.000 ] |

| | UNGROUPED DATA | DATA REDUCED TO CLASS INTERVALS |
|---|---|---|
| Mean | [3.783 ] | [3.784 ] |
| Median | | [3.732 ] |
| Geometric Mean | [3.774 ] | [3.775 ] |
| Natural log mean | [1.328 ] | [1.328 ] |
| Standard deviation | [.269 ] | [.268 ] |
| Variance | [.072 ] | [.072 ] |
| Coefficient of variation | [.071 ] | [.071 ] |
| Moment 1 about arithmetic mean | [.000 ] | [.000 ] |
| Moment 2 about arithmetic mean | [.072 ] | [.072 ] |
| Moment 3 about arithmetic mean | [.025 ] | [.025 ] |
| Moment 4 about arithmetic mean | [.026 ] | [.026 ] |
| Moment coefficient of skewness | [1.268 ] | [1.270 ] |
| Moment coefficient of kurtosis | [4.983 ] | [4.959 ] |

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| CLASS INTERVAL FROM | TO | COUNT | MEAN | CUM COUNT | CUM MEAN | CUM FREQ PERCENT | DEC COUNT | DEC MEAN | DEC FREQ PERCENT |
|---|---|---|---|---|---|---|---|---|---|
| 2.400 | 2.421 | 0 | .000 | 0 | .000 | .00 | 682 | 3.044 | 100.00 |
| 2.421 | 2.442 | 0 | .000 | 0 | .000 | .00 | 682 | 3.044 | 100.00 |
| 2.442 | 2.463 | 0 | .000 | 0 | .000 | .00 | 682 | 3.044 | 100.00 |
| 2.463 | 2.484 | 1 | 2.470 | 1 | 2.470 | .15 | 682 | 3.044 | 100.00 |
| 2.484 | 2.505 | 0 | .000 | 1 | 2.470 | .15 | 681 | 3.045 | 99.85 |
| 2.505 | 2.526 | 1 | 2.520 | 2 | 2.495 | .29 | 681 | 3.045 | 99.85 |
| 2.526 | 2.547 | 1 | 2.540 | 3 | 2.510 | .44 | 680 | 3.046 | 99.71 |
| 2.547 | 2.568 | 1 | 2.560 | 4 | 2.523 | .59 | 679 | 3.047 | 99.56 |
| 2.568 | 2.589 | 3 | 2.577 | 7 | 2.546 | 1.03 | 678 | 3.047 | 99.41 |
| 2.589 | 2.610 | 5 | 2.604 | 12 | 2.570 | 1.76 | 675 | 3.050 | 98.97 |
| 2.610 | 2.631 | 3 | 2.627 | 15 | 2.581 | 2.20 | 670 | 3.053 | 98.24 |
| 2.631 | 2.652 | 8 | 2.643 | 23 | 2.603 | 3.37 | 667 | 3.055 | 97.80 |
| 2.652 | 2.673 | 2 | 2.665 | 25 | 2.608 | 3.67 | 659 | 3.060 | 96.63 |
| 2.673 | 2.694 | 8 | 2.685 | 33 | 2.626 | 4.84 | 657 | 3.061 | 96.33 |
| 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 |
| 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

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| CLASS INTERVAL FROM | TO | COUNT | MEAN | CUM COUNT | CUM MEAN | CUM FREQ PERCENT | DEC COUNT | DEC MEAN | DEC FREQ 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

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