

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

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GRUM DRILLHOLE DATABASE

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CURRAGH RESOURC

12:37: 7 Serial no: 20  
 31/ 3/90 Page :

### CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : E:\GRUM\COMPL1.MEX  
 DATA DESCRIPTION : Pb+Zn LENGTH COMPOSITES WITH WASTE R.C.'S AT INTERVAL CENTER  
 DATA DESCRIPTION : LEN. COMP. FOR ROCK CODES 100-199

#### DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	.000
MAXIMUM CUTOFF VALUE	:	16.179
TOTAL NUMBER OF SAMPLES USED	:	6251
MINIMUM HISTOGRAM VALUE	:	.000
MAXIMUM HISTOGRAM VALUE	:	16.179
CLASS INTERVAL	:	.324
MINIMUM POPULATION DATA POINT	:	.000
MAXIMUM POPULATION DATA POINT	:	16.179
TOTAL POPULATION	:	6251

#### UNGROUPED DATA      GROUPED DATA

TOTAL NO OF SAMPLES	6251	
ARITHMETIC MEAN	.3061	.4467
MEDIAN		.1828
GEOMETRIC MEAN	.0007	.2137
NATURAL LOG MEAN	-7.3323	-1.5431
STANDARD DEVIATION	1.1711	1.1350
VARIANCE	1.3716	1.2883
COEFFICIENT OF VARIATION	3.8262	2.5406
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	1.3716	1.2883
MOMENT 3 ABOUT ARITHMETIC MEAN	9.1212	8.5773
MOMENT 4 ABOUT ARITHMETIC MEAN	83.1277	77.7091
MOMENT COEFFICIENT OF SKEWNESS	5.6784	5.8661
MOMENT COEFFICIENT OF KURTOSIS	44.1891	46.8239

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO













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#####
CLASS INTERVAL          CUM   CUM CUM FREQ  DEC  DEC  DEC FREQ
FROM   TO   COUNT  MEAN  COUNT  MEAN  PERCENT  COUNT  MEAN  PERCENT
#####
.00020 .32400 5545 .00397 5545 .00397 88.71 6251 .30608 100.00
.324   .648   107   .481   5652   .013   90.42 706   2.679  11.29
.648   .972   70    .810   5722   .023   91.54 599   3.072  9.58
.972   1.296  63    1.128  5785   .035   92.55 529   3.371  8.46
1.296  1.620  60    1.455  5845   .049   93.51 466   3.674  7.45
1.620  1.944  60    1.780  5905   .067   94.46 406   4.002  6.49
1.944  2.268  49    2.094  5954   .084   95.25 346   4.387  5.54
2.268  2.592  35    2.436  5989   .097   95.81 297   4.766  4.75
2.592  2.916  34    2.758  6023   .112   96.35 262   5.077  4.19
2.916  3.240  26    3.067  6049   .125   96.77 228   5.422  3.65
3.240  3.564  24    3.387  6073   .138   97.15 202   5.726  3.23
3.564  3.888  19    3.679  6092   .149   97.46 178   6.041  2.85
3.888  4.212  20    4.067  6112   .162   97.78 159   6.323  2.54
4.212  4.536  16    4.359  6128   .173   98.03 139   6.648  2.22
4.536  4.860  17    4.703  6145   .185   98.30 123   6.946  1.97

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

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#####
CLASS INTERVAL          CUM   CUM CUM FREQ  DEC  DEC  DEC FREQ
FROM   TO   COUNT  MEAN  COUNT  MEAN  PERCENT  COUNT  MEAN  PERCENT
#####
4.536  4.860  17    4.703  6145   .185   98.30 123   6.946  1.97
4.860  5.184  12    5.001  6157   .195   98.50 106   7.305  1.70
5.184  5.508  9     5.318  6166   .202   98.64 94    7.599  1.50
5.508  5.832  14    5.695  6180   .215   98.86 85    7.841  1.36
5.832  6.156  9     6.009  6189   .223   99.01 71    8.264  1.14
6.156  6.480  4     6.330  6193   .227   99.07 62    8.591  .99
6.480  6.804  8     6.701  6201   .235   99.20 58    8.747  .93
6.804  7.128  9     6.990  6210   .245   99.34 50    9.075  .80
7.128  7.452  4     7.292  6214   .250   99.41 41    9.532  .66
7.452  7.776  4     7.542  6218   .254   99.47 37    9.775  .59
7.776  8.100  4     7.921  6222   .259   99.54 33    10.045 .53
8.100  8.424  2     8.160  6224   .262   99.57 29    10.338 .46
8.424  8.748  3     8.538  6227   .266   99.62 27    10.500 .43
8.748  9.072  4     8.934  6231   .271   99.68 24    10.745 .38
9.072  9.396  3     9.311  6234   .276   99.73 20    11.107 .32

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