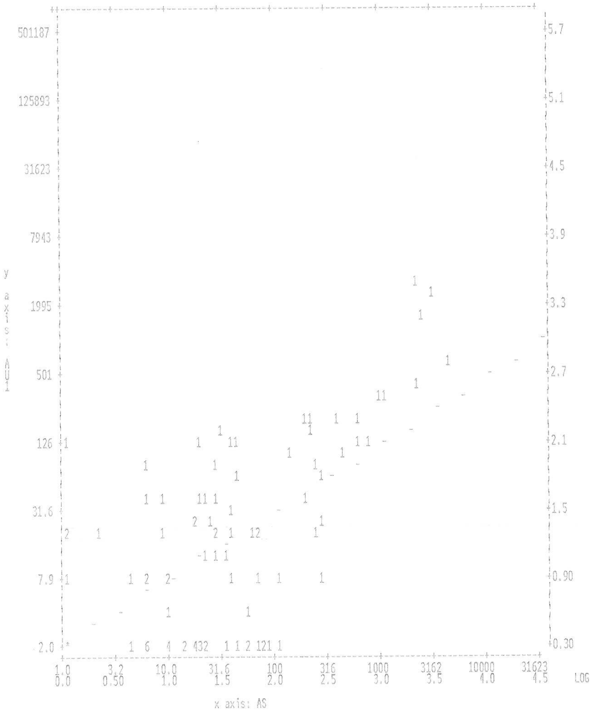
861615
Windy

```
          P L A C E R   D O M E   I N C .
          -----------   -------   -------

          PDI Data Analysis System  - STATS

             run on 91:01:28  at  0:30:19

      Current directory: /data/expl/windy/geolog

       WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS

   Summary of data from file : soil90.all
                               ----------

   This data file contains an internal header: (  5 records)
     Data grouped into   8 fields
     with format: (3A8,A4,A2,      3F6.0)


     Character ID fields:
   GRID SAMP SMP2 PROJ TYPE

     Coordinate fields:


     Other data fields:
   AS   AU1  CU

   Missing data indicated by NULL value  99999.0


   BASIC STATISTICS OF SELECTED DATA FIELDS:

 NAME  NDATA NULLS   MINIMUM     MAXIMUM      MEAN      STD. DEV.     GEOM. MEAN       DISPERSION

 AS     126     0   1.00000     4100.00     180.508     574.941      14.7830     1.56857      139.323
 AU1    126     0   2.50000     3420.00     104.147     412.287      11.3354     1.79742      71.4861
 CU     126     0   20.0000     2110.00     150.833     249.713      84.5658     33.0615      216.305
```

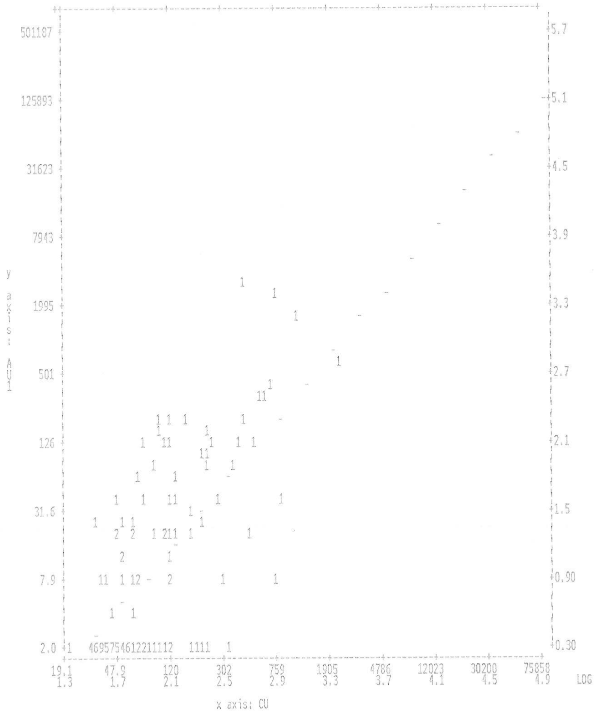
```
   CORMAT: RUN ON 91:01:28  AT   0:30:19

         Data from file: soil90.all

        WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS

     Correlation matrix for   126 records with   3 variables


            AS       AU1      CU
   LOG:     1        1        1

 AS        1.000    0.715    0.704
 AU1       0.715    1.000    0.711
 CU        0.704    0.711    1.000


     Number of data pairs contributing to correlation


            AS       AU1      CU
 AS          126      126      126
 AU1         126      126      126
 CU          126      126      126
```

```
SCPLOT  :     WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19
file: soil90.all                AS    vs  AU1     LOGX =1  LOGY =1   REPVAL =   0.00100
                                ----      ----
```



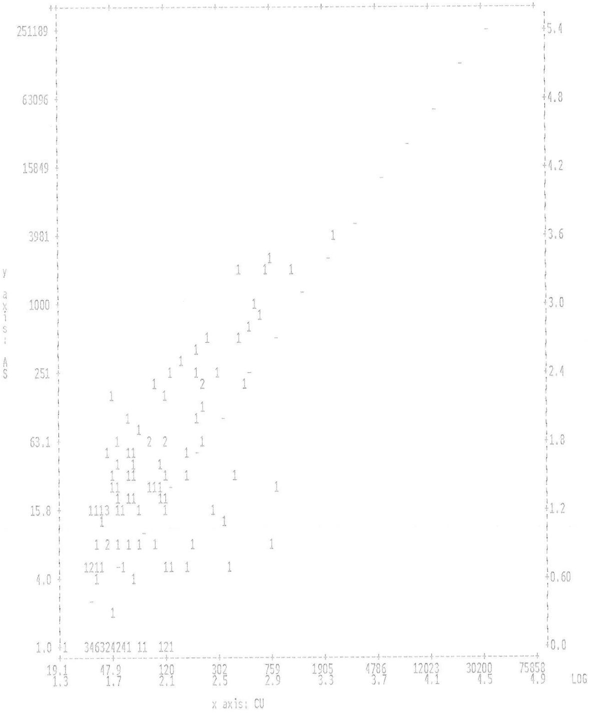
```
PLOT SUMMARY
---- -------
  126 X-Y PAIRS
    0 VALUES>MAX
    0 VALUES<MIN
  126 PLOTTED

* = 10 OR MORE
+ = 1:1 LINE
- = LEAST-SQUARE
    LINE Y=A+BX

  All data:
   X  MINMAX  Y
   -          -
     1     2.5
   4100    3420

REGRESSION LINE
---------- ----
A = 0.36752
B = 0.58723
VARIANCE
    0.31486
STD. DEVIATION
    0.56113
CORRELATION COEF
    0.71533

Plotted Points:
X: GEOM MEAN
     14.783
Y: GEOM MEAN
     11.335

    X  MINMAX  Y
      1      2.5
    4100    3420

PLOT INCREMENTS
---- ----------
X:  0.50000E-01
Y:  0.10000
```

```
SCPLOT  :     WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19
file: soil90.all                CU    vs  AU1     LOGX =1  LOGY =1   REPVAL =   0.00100
                                ----      ----
```



```
PLOT SUMMARY
---- -------
  126 X-Y PAIRS
    0 VALUES>MAX
    0 VALUES<MIN
  126 PLOTTED

* = 10 OR MORE
+ = 1:1 LINE
- = LEAST-SQUARE
    LINE Y=A+BX

  All data:
   X  MINMAX  Y
   -          -
    20     2.5
   2110    3420

REGRESSION LINE
---------- ----
A = -1.6315
B =  1.3937
VARIANCE
    0.31907
STD. DEVIATION
    0.56486
CORRELATION COEF
    0.71076

Plotted Points:
X: GEOM MEAN
     84.566
Y: GEOM MEAN
     11.335

    X  MINMAX  Y
     20      2.5
    2110    3420

PLOT INCREMENTS
---- ----------
X:  0.40000E-01
Y:  0.10000
```

```
SCPLOT  :     WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19
file: soil90.all                CU    vs  AS      LOGX =1  LOGY =1   REPVAL =   0.00100
                                ----      ----
```



```
PLOT SUMMARY
---- -------
  126 X-Y PAIRS
    0 VALUES>MAX
    0 VALUES<MIN
  126 PLOTTED

* = 10 OR MORE
+ = 1:1 LINE
- = LEAST-SQUARE
    LINE Y=A+BX

  All data:
   X  MINMAX  Y
   -          -
    20        1
  2110     4100

REGRESSION LINE
---------- ----
A = -2.0708
B =  1.6815
VARIANCE
     0.48267
STD. DEVIATION
     0.69475
CORRELATION COEF
     0.70396

Plotted Points:
X: GEOM MEAN
     84.566
Y: GEOM MEAN
     14.783

    X  MINMAX  Y
     20        1
   2110     4100

PLOT INCREMENTS
---- ----------
X:  0.40000E-01
Y:  0.10000
```

```
HISTO:    WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19

File: soil90.all              Field name: AS      LOG = 1  REPVAL =   0.00100
                                          ----
 126 SAMPLES WITH AS     MINIMUM:   1.00000          MAXIMUM:  4100.00

 126 VALUES PLOTTED:     0 NOT IN RANGE   1.00000     to  4100.00

   GEOMETRIC MEAN:          14.7830         DISPERSION:  1.56857      139.323

  SCALE OF HISTOGRAM IS   0.40 COUNTS /PRINT POSITION   # = 5,50,95%

  N   MIDPOINT  PERCENT  0         4         8         12        16        20        24        28        32        36        40
                        I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
 36   1.0000   # 28.57   I******************************************************************************************      I
  0   1.2312      0.00   I                                                                                                 I
  0   1.5158      0.00   I                                                                                                 I
  1   1.8662      0.79   I**                                                                                               I
  0   2.2976      0.00   I                                                                                                 I
  0   2.8288      0.00   I                                                                                                 I
  0   3.4827      0.00   I                                                                                                 I
  2   4.2878      1.59   I*****                                                                                            I
  0   5.2791      0.00   I                                                                                                 I
 10   6.4994      7.94   I*************************                                                                        I
  2   8.0020      1.59   I*****                                                                                            I
  7   9.8518      5.56   I*****************                                                                                I
  0   12.129      0.00   I                                                                                                 I
  8   14.933   #  6.35   I********************                                                                             I
  7   18.385      5.56   I*****************                                                                                I
  3   22.636      2.38   I*******                                                                                          I
  6   27.868      4.76   I***************                                                                                  I
  6   34.311      4.76   I***************                                                                                  I
  3   42.243      2.38   I*******                                                                                          I
  3   52.008      2.38   I*******                                                                                          I
  5   64.031      3.97   I************                                                                                     I
  3   78.834      2.38   I*******                                                                                          I
  1   97.058      0.79   I**                                                                                               I
  2   119.50      1.59   I*****                                                                                            I
  0   147.12      0.00   I                                                                                                 I
  2   181.13      1.59   I*****                                                                                            I
  4   223.00      3.17   I**********                                                                                       I
  3   274.55      2.38   I*******                                                                                          I
  0   338.02      0.00   I                                                                                                 I
  2   416.17      1.59   I*****                                                                                            I
  0   512.37      0.00   I                                                                                                 I
  2   630.82      1.59   I*****                                                                                            I
  1   776.65      0.79   I**                                                                                               I
  2   956.20   #  1.59   I*****                                                                                            I
  0   1177.2      0.00   I                                                                                                 I
  0   1449.4      0.00   I                                                                                                 I
  0   1784.5      0.00   I                                                                                                 I
  2   2197.0      1.59   I*****                                                                                            I
  2   2704.9      1.59   I*****                                                                                            I
  0   3330.2      0.00   I                                                                                                 I
  1   4100.0      0.79   I**                                                                                               I
----                     I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
 126                     0         4         8         12        16        20        24        28        32        36        40
```

```
HISTO:    WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19

File: soil90.all              Field name: AU1     LOG = 1  REPVAL =   0.00100
                                          ----
 126 SAMPLES WITH AU1    MINIMUM:   2.50000          MAXIMUM:  3420.00

 122 VALUES PLOTTED:     4 NOT IN RANGE   2.50000     to  500.000

   GEOMETRIC MEAN:          9.60663         DISPERSION:  1.90344      48.4845

  SCALE OF HISTOGRAM IS   1.00 COUNTS /PRINT POSITION   # = 5,50,95%
```

```
   N   MIDPOINT  PERCENT  0         10        20        30        40        50        60        70        80        90        100
                         I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
  63   2.5000    # 51.64 I***************************************************************
   0   2.8541      0.00  I
   0   3.2583      0.00  I
   0   3.7198      0.00  I
   0   4.2466      0.00  I
   2   4.8481      1.64  I**
   0   5.5347      0.00  I
   0   6.3186      0.00  I
   0   7.2135      0.00  I
   0   8.2352      0.00  I
  10   9.4015      8.20  I**********
   0   10.733      0.00  I
   0   12.253      0.00  I
   0   13.989      0.00  I
   3   15.970      2.46  I***
   0   18.232      0.00  I
   9   20.814      7.38  I*********
   2   23.762      1.64  I**
   0   27.127      0.00  I
   4   30.969      3.28  I****
   1   35.355      0.82  I*
   3   40.363      2.46  I***
   3   46.079      2.46  I***
   0   52.606      0.00  I
   0   60.056      0.00  I
   2   68.562      1.64  I**
   0   78.273      0.00  I
   2   89.358      1.64  I**
   2   102.01      1.64  I**
   1   116.46      0.82  I*
   1   132.96      0.82  I*
   5   151.79      4.10  I*****
   2   173.29      1.64  I**
   3   197.83    #  2.46 I***
   0   225.85      0.00  I
   1   257.83      0.82  I*
   0   294.35      0.00  I
   2   336.04      1.64  I**
   1   383.64      0.82  I*
   0   437.97      0.00  I
   0   500.00      0.00  I
 ----                    I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
 122                     0         10        20        30        40        50        60        70        80        90        100
```

```
HISTO:    WINDY 1990 PROJECT: SOIL DATA STATISTICAL ANALYSIS              RUN ON 91:01:28  AT   0:30:19

File: soil90.all              Field name: CU      LOG = 1  REPVAL =   0.00100
                                          ----
 126 SAMPLES WITH CU    MINIMUM:   20.0000          MAXIMUM:  2110.00

 124 VALUES PLOTTED:    2 NOT IN RANGE   20.0000     to  1000.00

   GEOMETRIC MEAN:        80.7308        DISPERSION:  33.8069    192.785

  SCALE OF HISTOGRAM IS   0.20 COUNTS /PRINT POSITION   # = 5,50,95%

   N   MIDPOINT  PERCENT  0         2         4         6         8         10        12        14        16        18        20
                         I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
   1   20.000      0.81  I*****
   0   22.055      0.00  I
   0   24.321      0.00  I
   1   26.820      0.81  I*****
   7   29.575    #  5.65 I***********************************
   4   32.614      3.23  I********************
  12   35.965      9.68  I************************************************************
   6   39.660      4.84  I******************************
  13   43.734     10.48  I*****************************************************************
   3   48.228      2.42  I***************
  11   53.183      8.87  I*******************************************************
   5   58.647    #  4.03 I*************************
   4   64.673      3.23  I********************
   4   71.317      3.23  I********************
   2   78.645      1.61  I**********
   4   86.725      3.23  I********************
   4   95.635      3.23  I********************
   3   105.46      2.42  I***************
   9   116.30      7.26  I*********************************************
   3   128.25      2.42  I***************
   0   141.42      0.00  I
   2   155.95      1.61  I**********
   2   171.97      1.61  I**********
   2   189.64      1.61  I**********
   5   209.13      4.03  I*************************
   2   230.61      1.61  I**********
   0   254.31      0.00  I
   2   280.44      1.61  I**********
   0   309.25      0.00  I
   2   341.02      1.61  I**********
   1   376.06      0.81  I*****
   2   414.70      1.61  I**********
   2   457.30    #  1.61 I**********
   0   504.29      0.00  I
   1   556.10      0.81  I*****
   1   613.24      0.81  I*****
   2   676.24      1.61  I**********
   1   745.72      0.81  I*****
   1   822.34      0.81  I*****
   0   906.83      0.00  I
   0  1000.00      0.00  I
 ----                    I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I
 124                     0         2         4         6         8         10        12        14        16        18        20
```

13
12
22
47

128
47
81