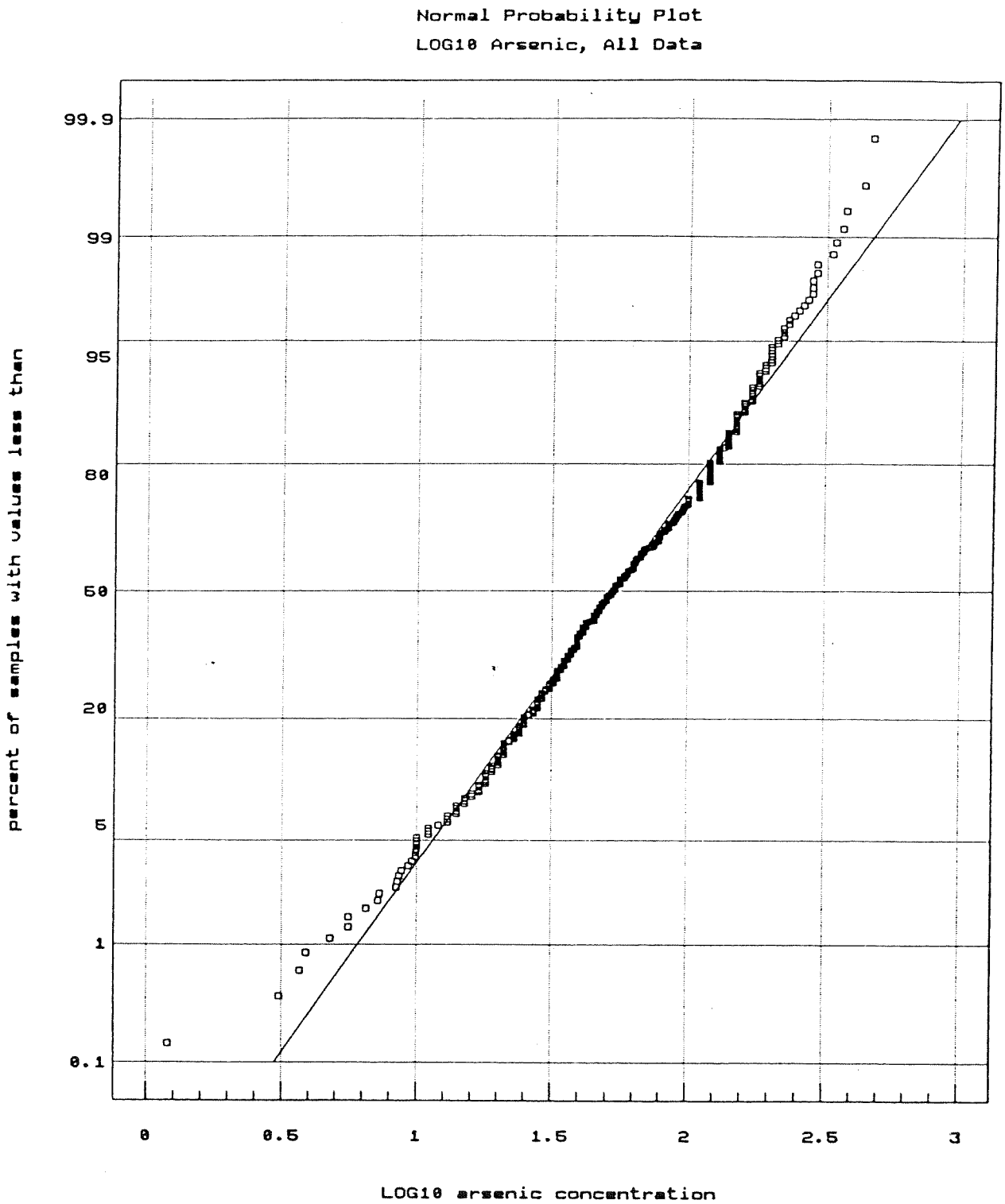


Figure 2
Lognormal Probability Plot: Arsenic (All Data)

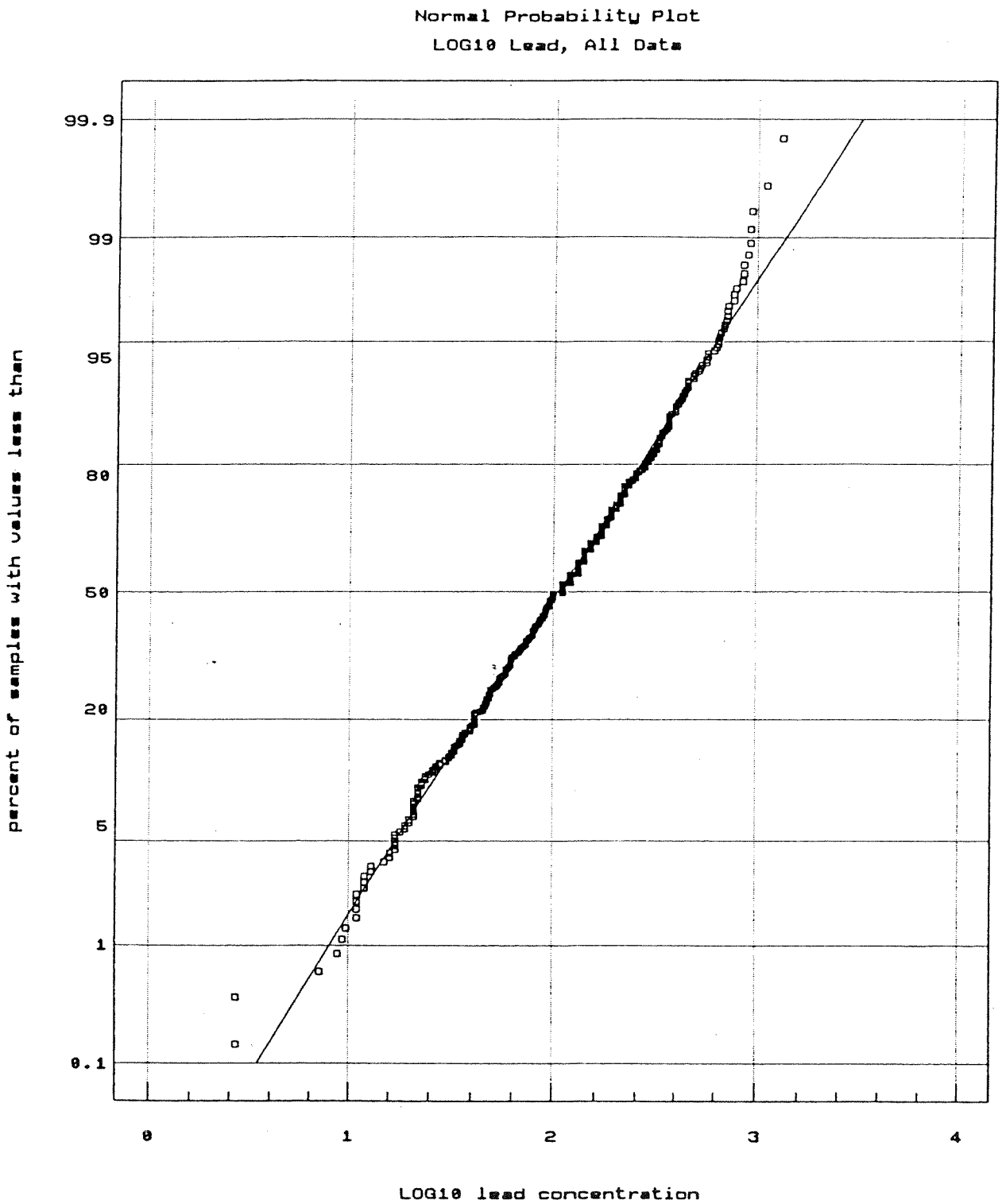


Figure 3
Lognormal Probability Plot: Lead (All Data)

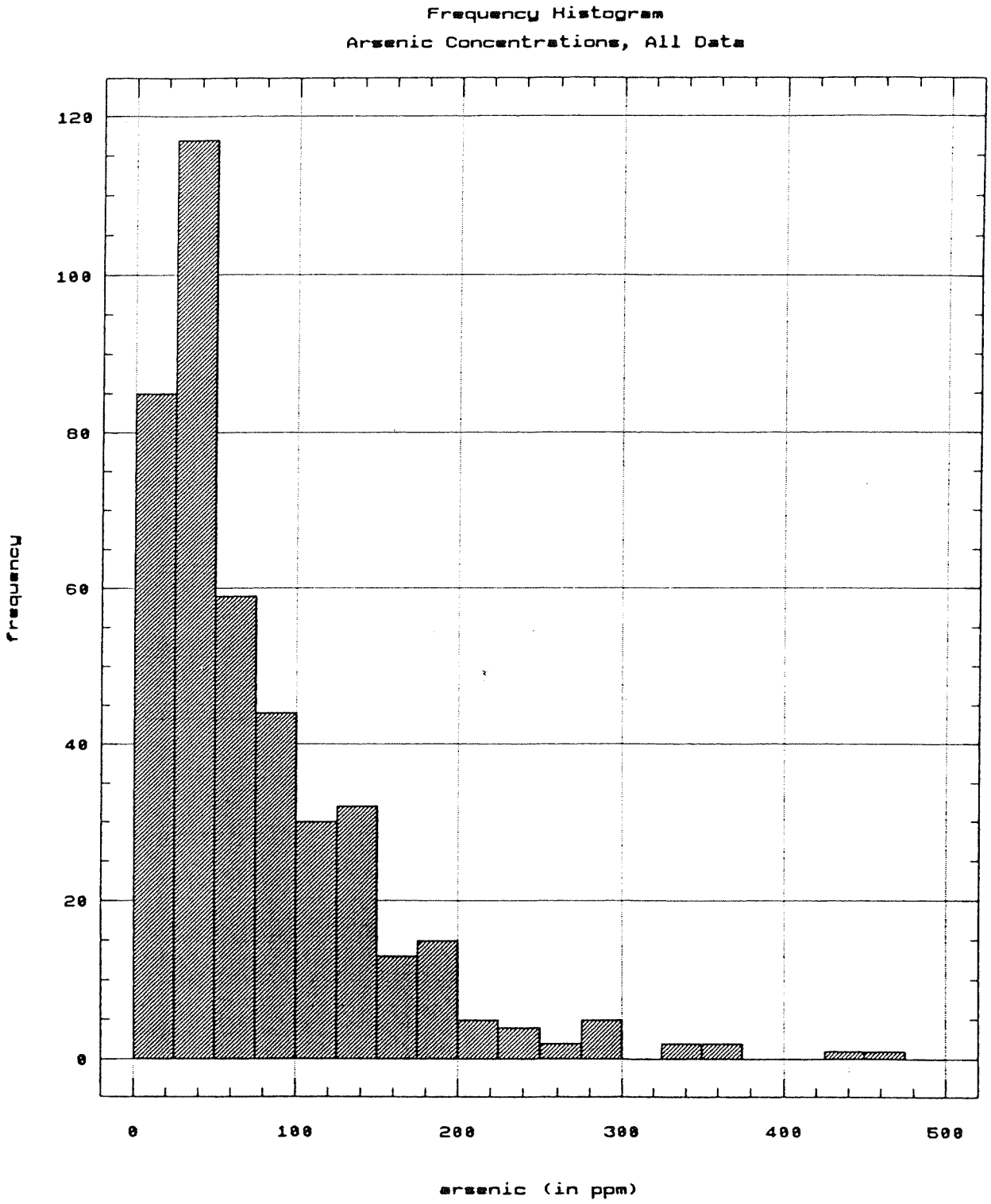


Figure 4
Frequency Histogram: Arsenic (All Data)

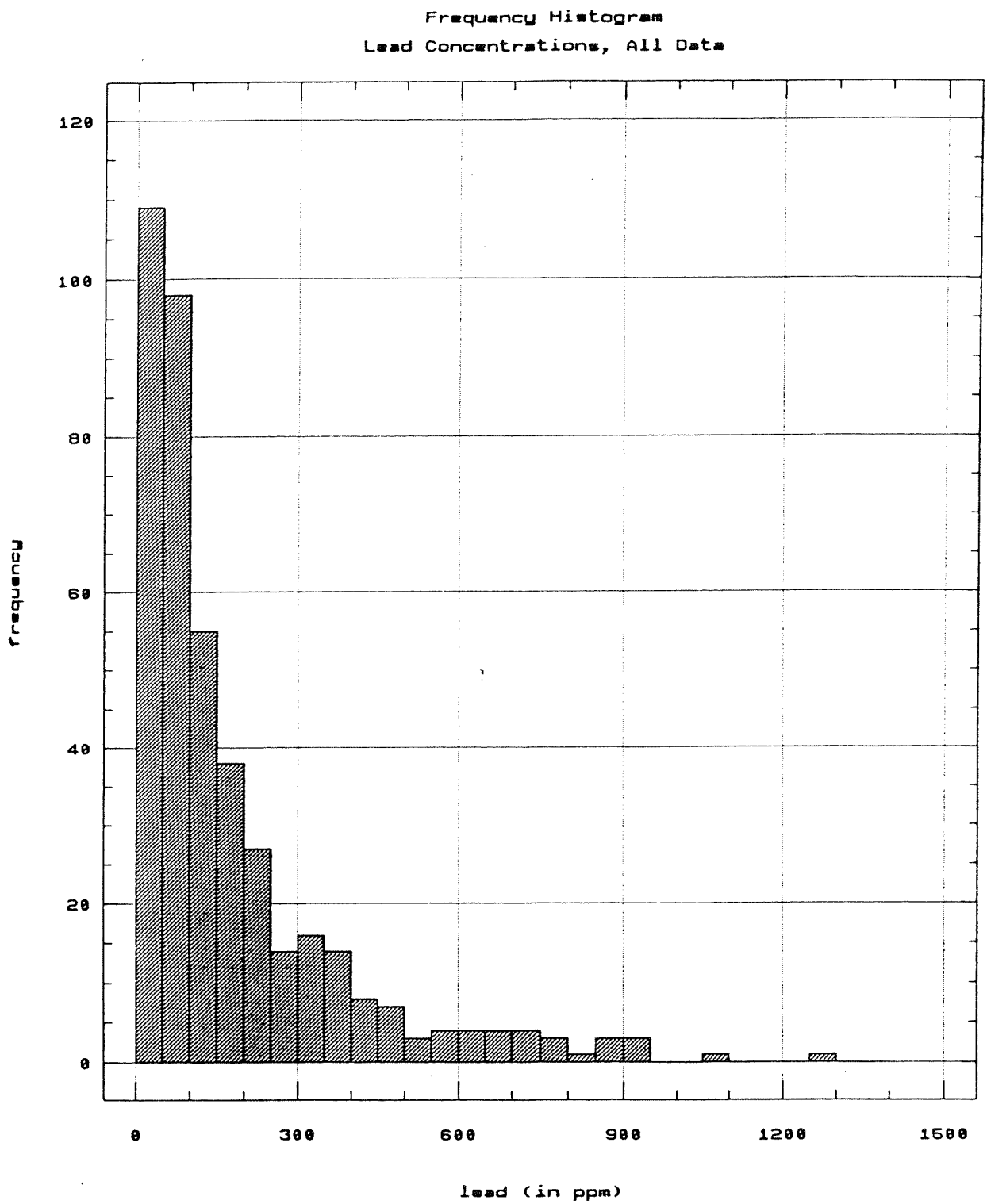
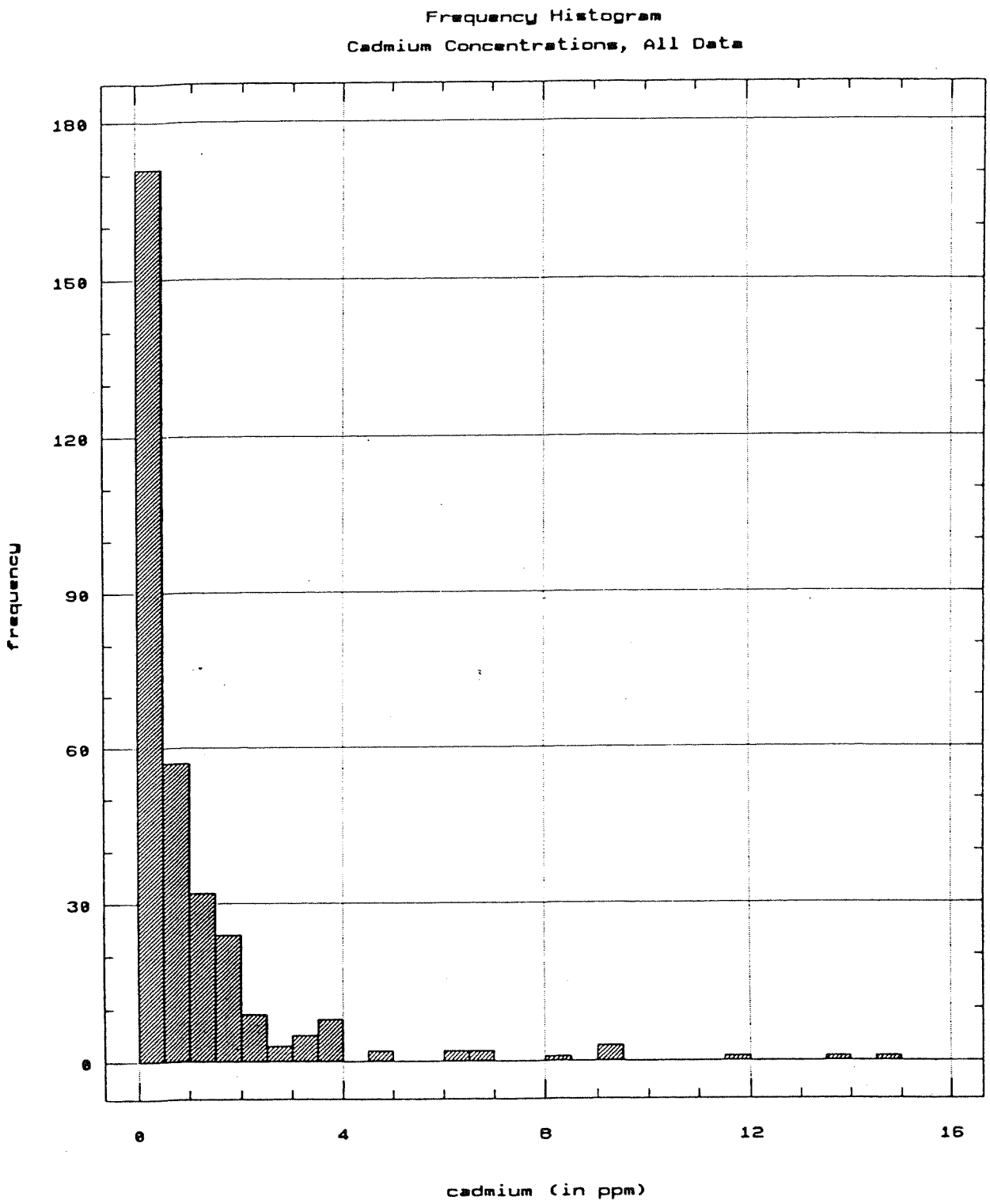


Figure 5
Frequency Histogram: Lead (All Data)



(Note: NDs at 1/2 detection limit)

Figure 6
Frequency Histogram: Cadmium (All Data)

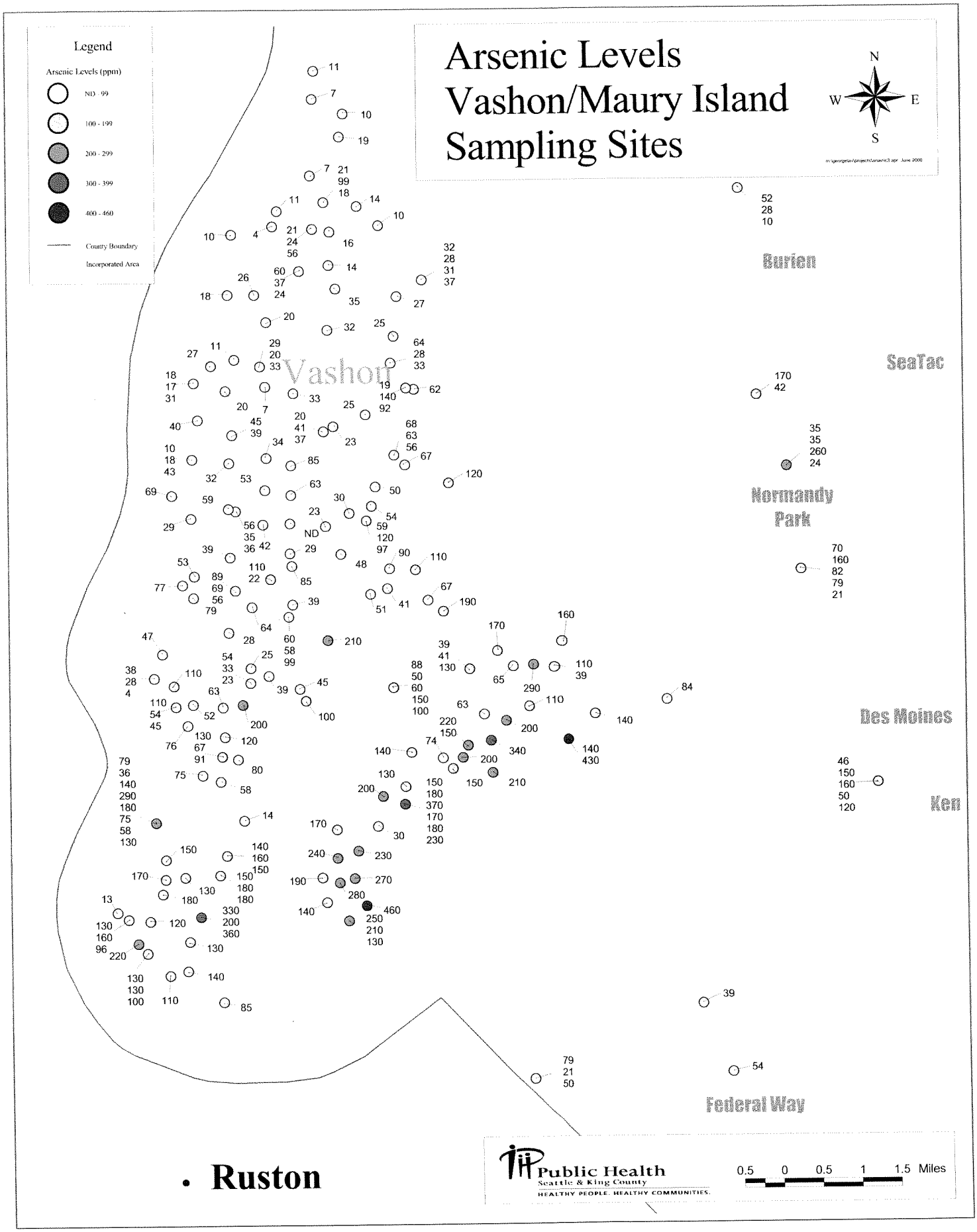

Arsenic Levels
Vashon/Maury Island
Sampling Sites
N
W
E
S
Legend
Arsenic Levels (ppm)
ND - 99
100 - 199
200 - 299
300 - 399
400 - 460
County Boundary
Incorporated Area
Vashon
Burien
SeaTac
Normandy Park
Des Moines
Ken
Federal Way
Ruston
Public Health
Seattle & King County
HEALTHY PEOPLE. HEALTHY COMMUNITIES.
0.5 0 0.5 1 1.5 Miles

Figure 7

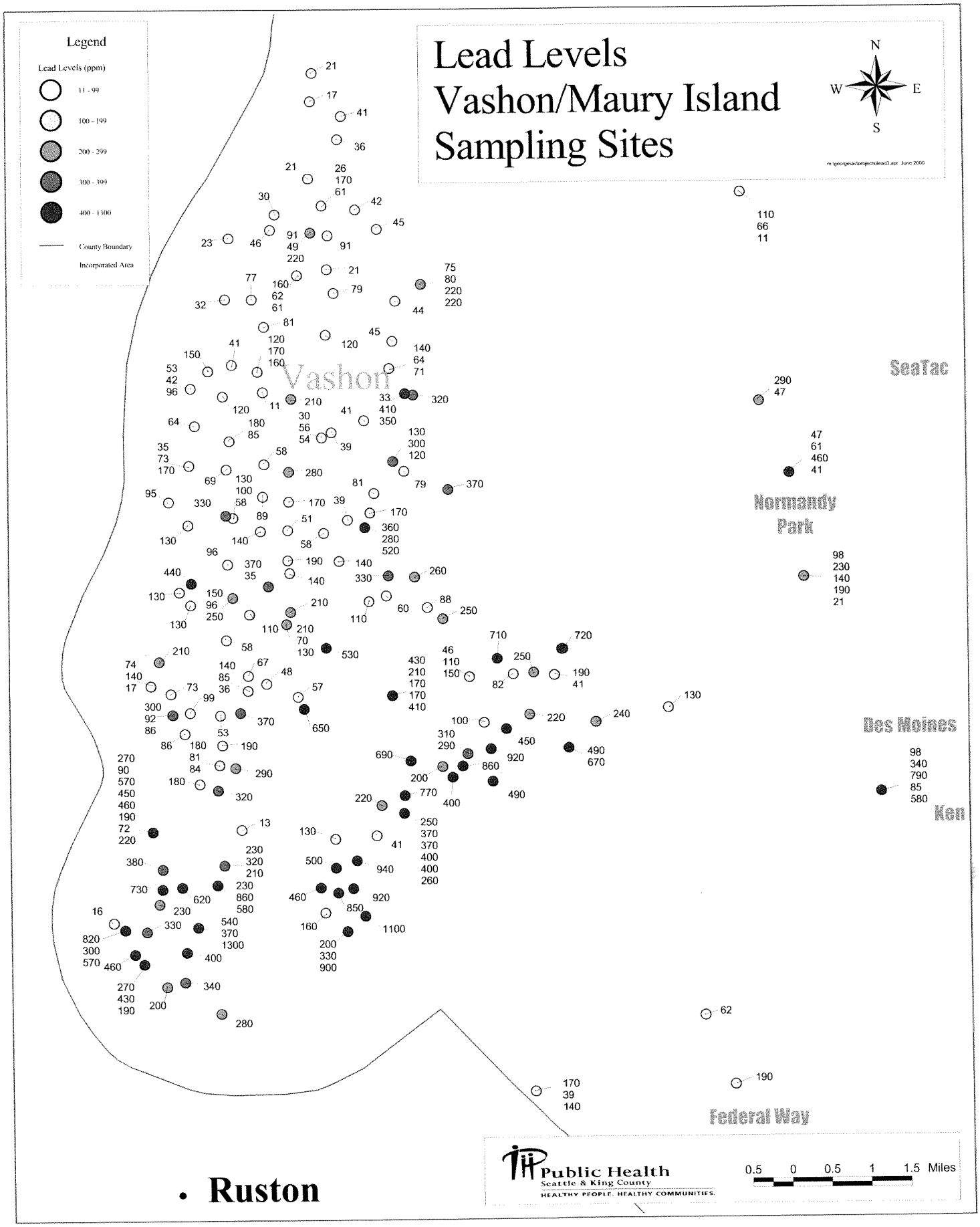

Lead Levels
Vashon/Maury Island
Sampling Sites
N
W
E
S
Legend
Lead Levels (ppm)
11 - 99
100 - 199
200 - 299
300 - 399
400 - 1300
County Boundary
Incorporated Area
Vashon
SeaTac
Normandy Park
Des Moines
Ken
Federal Way
Ruston
Public Health
Seattle & King County
HEALTHY PEOPLE. HEALTHY COMMUNITIES.
0.5 0 0.5 1 1.5 Miles

Figure 8

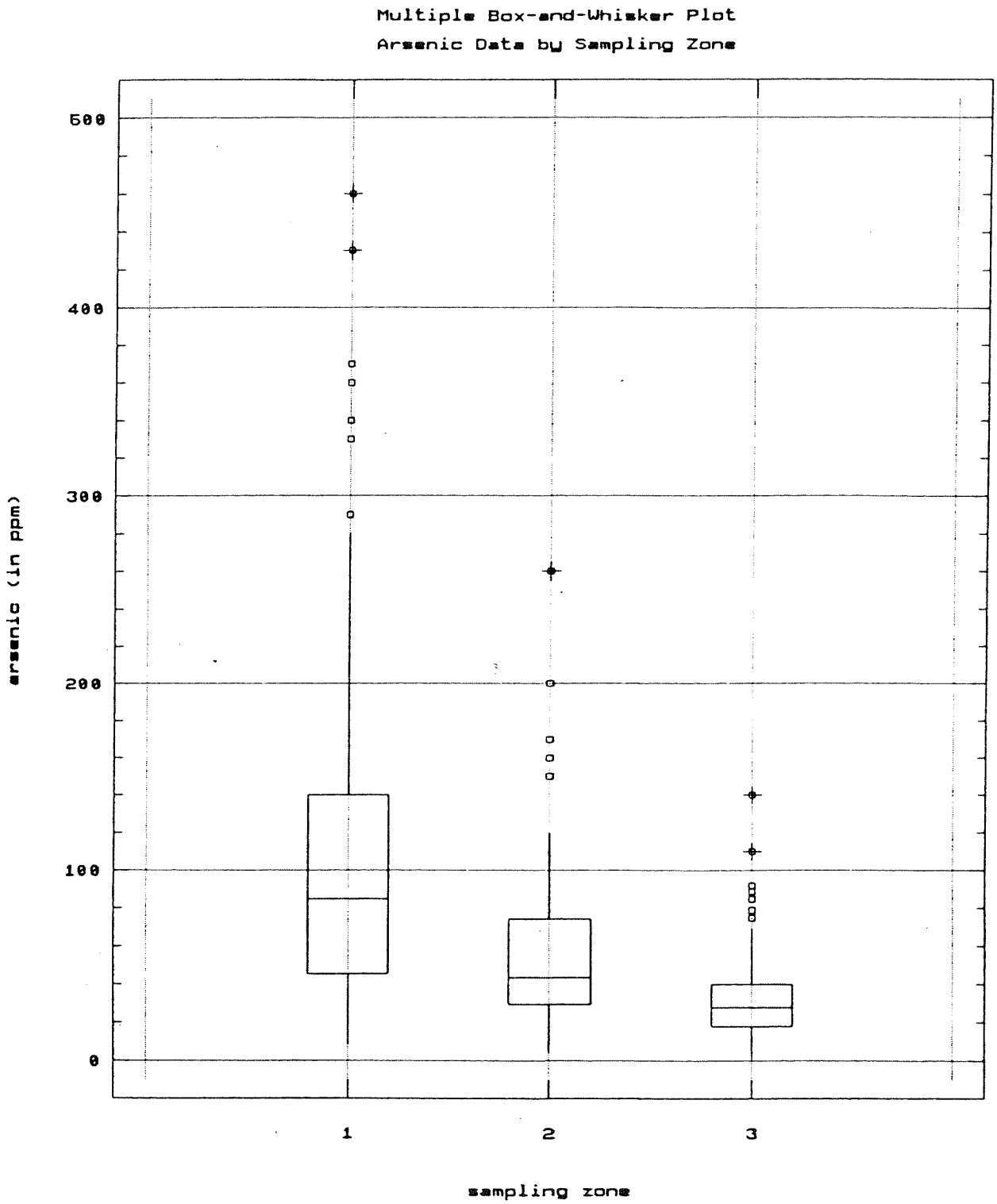


Figure 9
Box-and-Whisker Plot: Arsenic Data by Sampling Zone

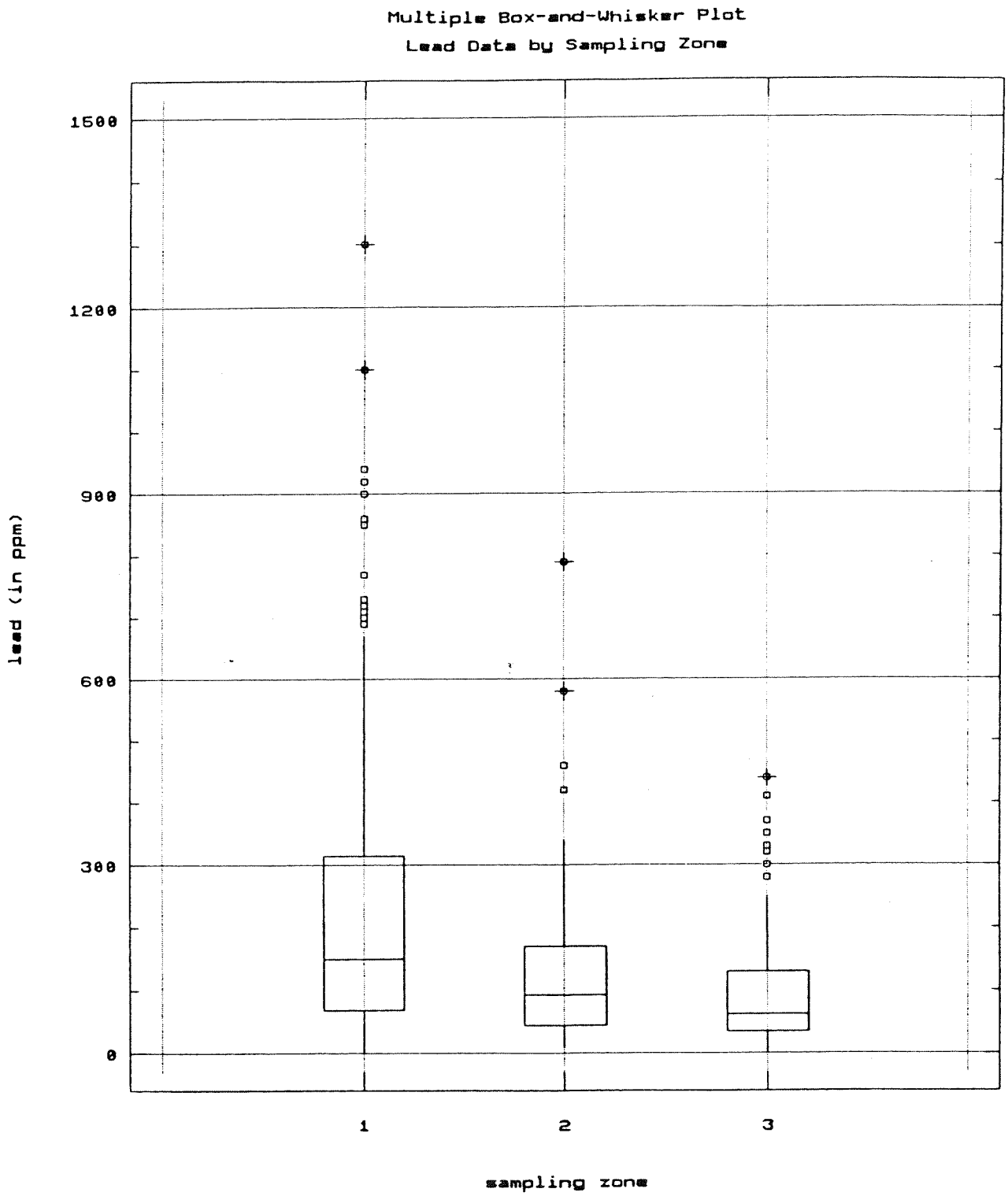
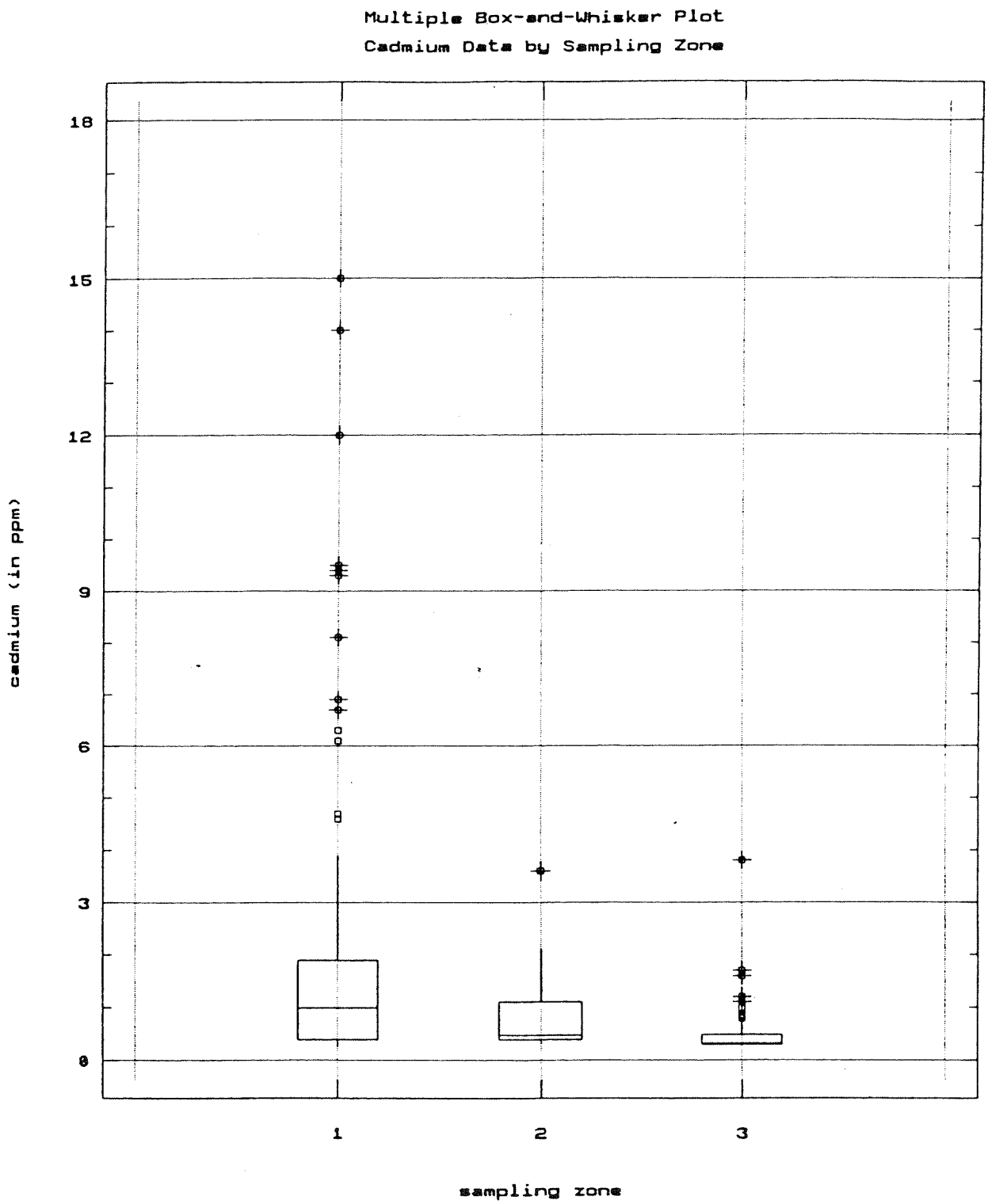


Figure 10
Box-and-Whisker Plot: Lead Data by Sampling Zone



(NOTE: NDs at 1/2 detection limit)

Figure 11
Box-and-Whisker Plot: Cadmium Data by Sampling Zone

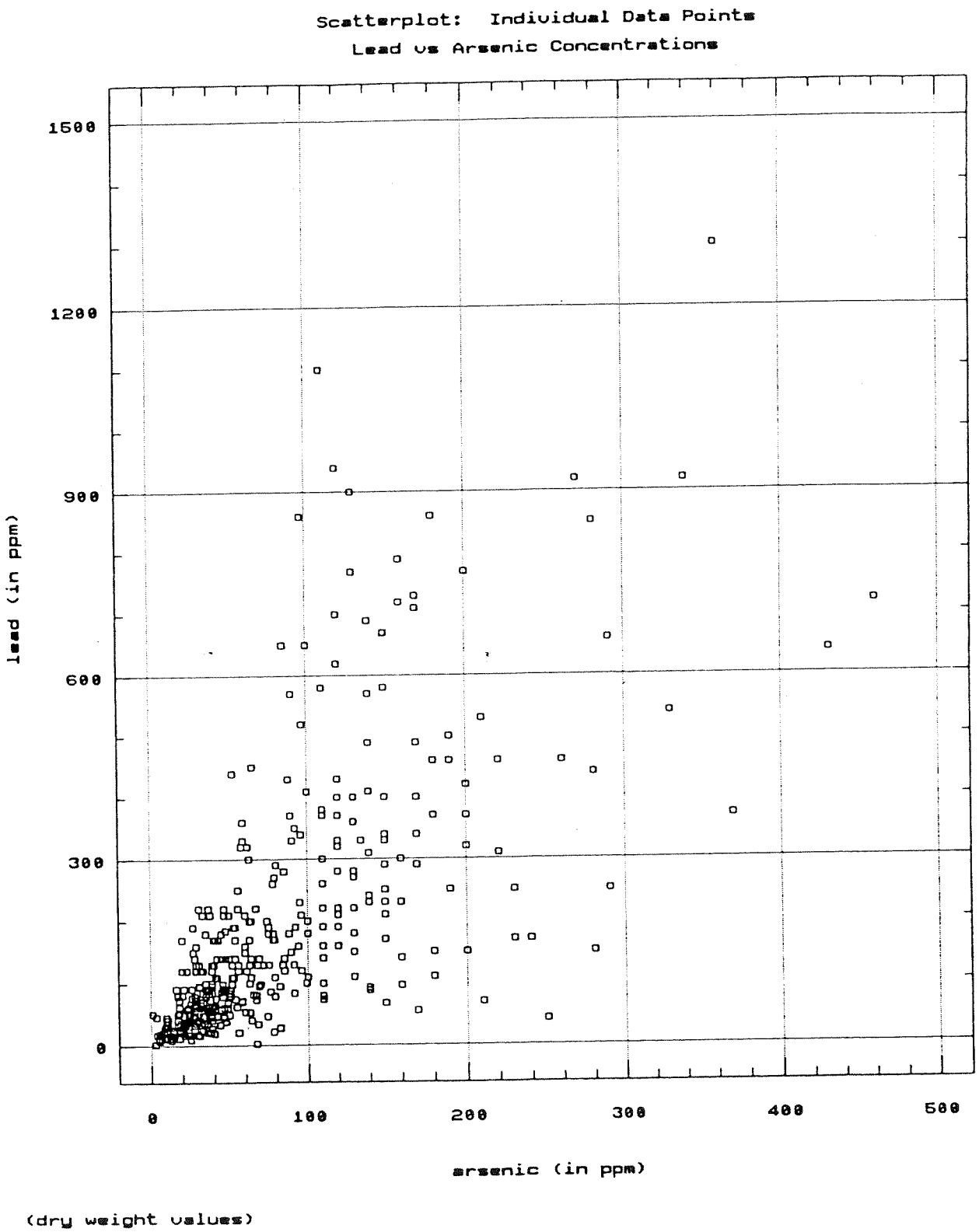
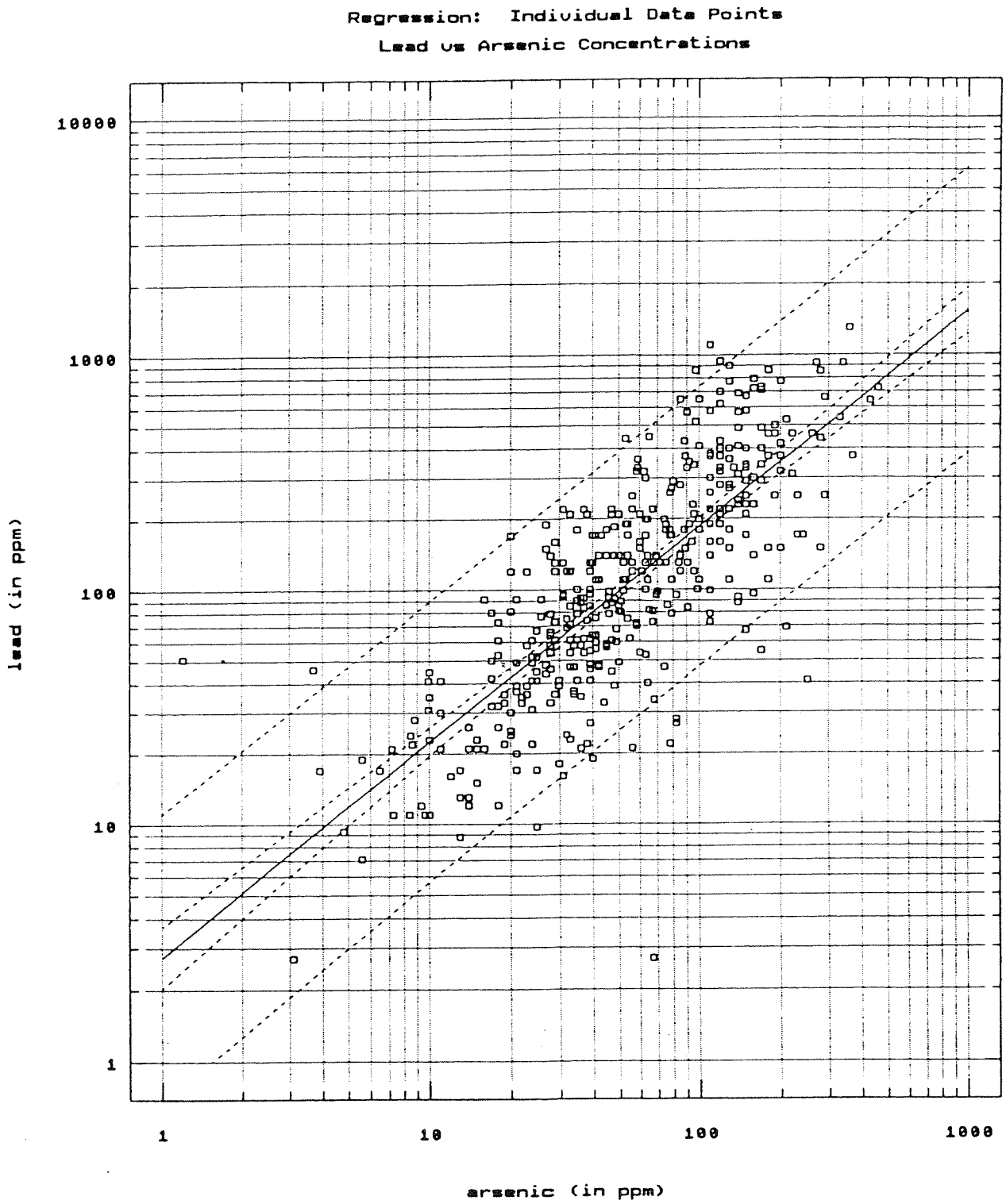


Figure 12
Scatterplot: Lead versus Arsenic Concentrations (All Data)



(LOG-LOG linear = multiplicative model)

Figure 13
Regression: Lead versus Arsenic Concentrations (LOG-LOG linear model, All Data)

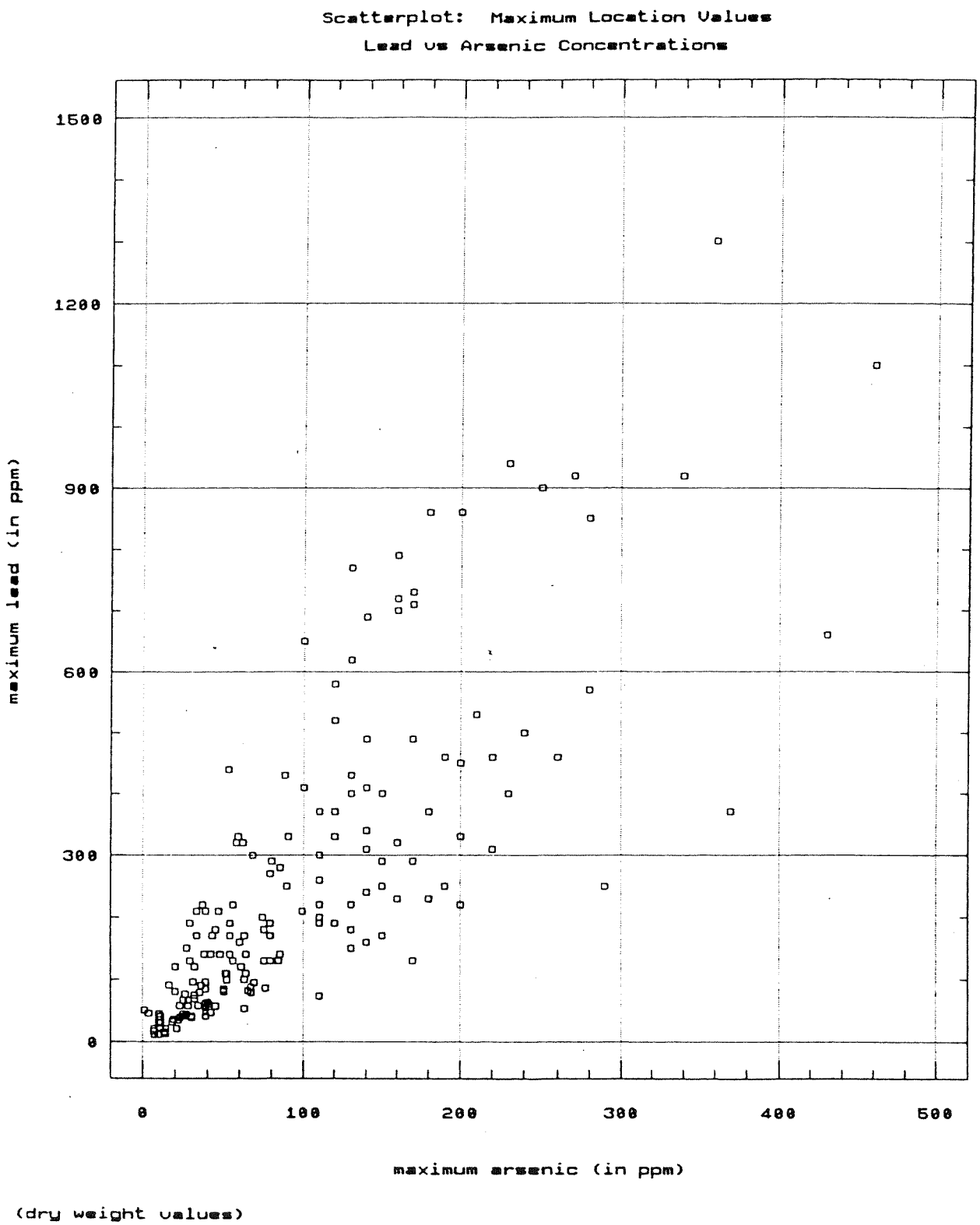
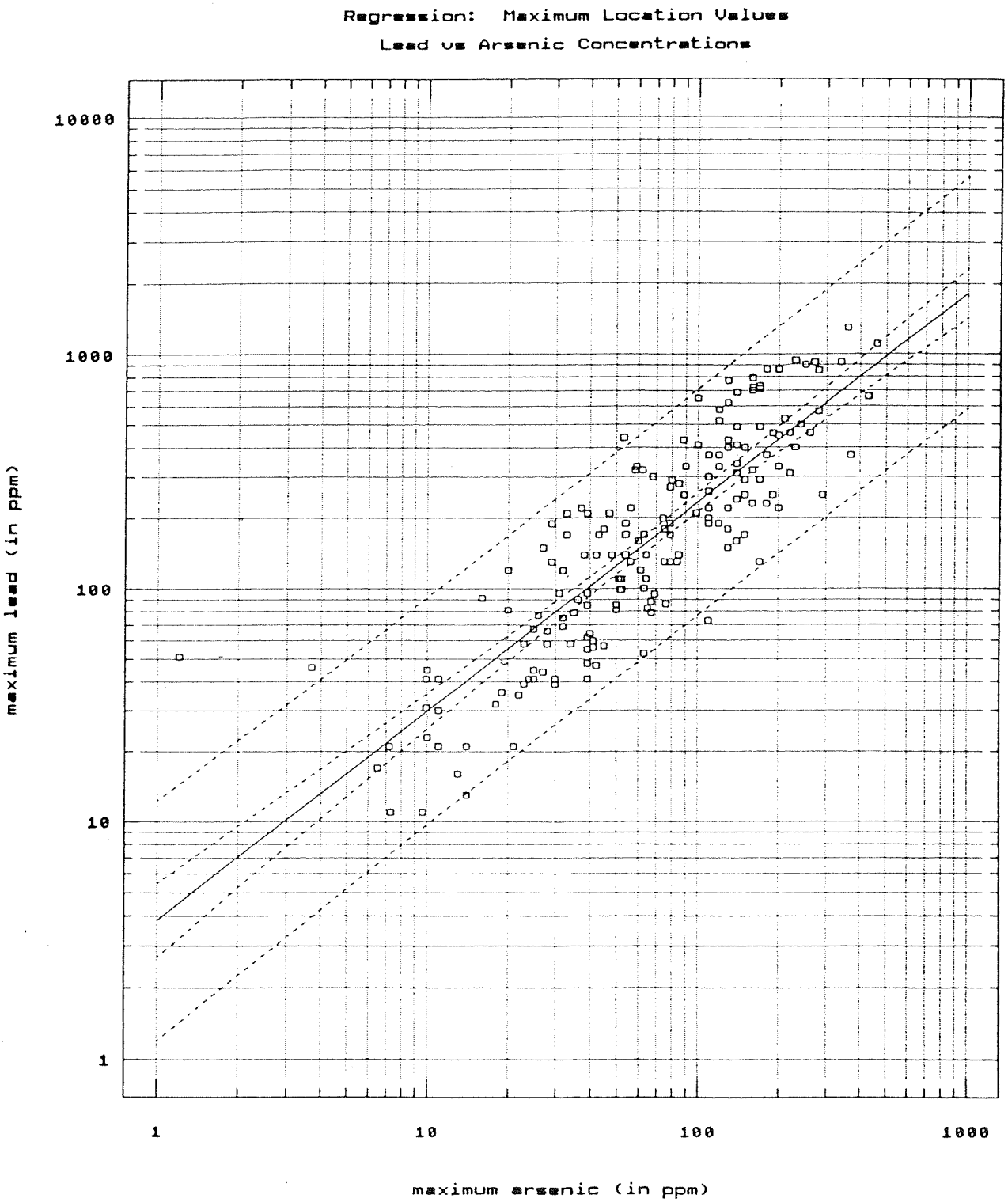
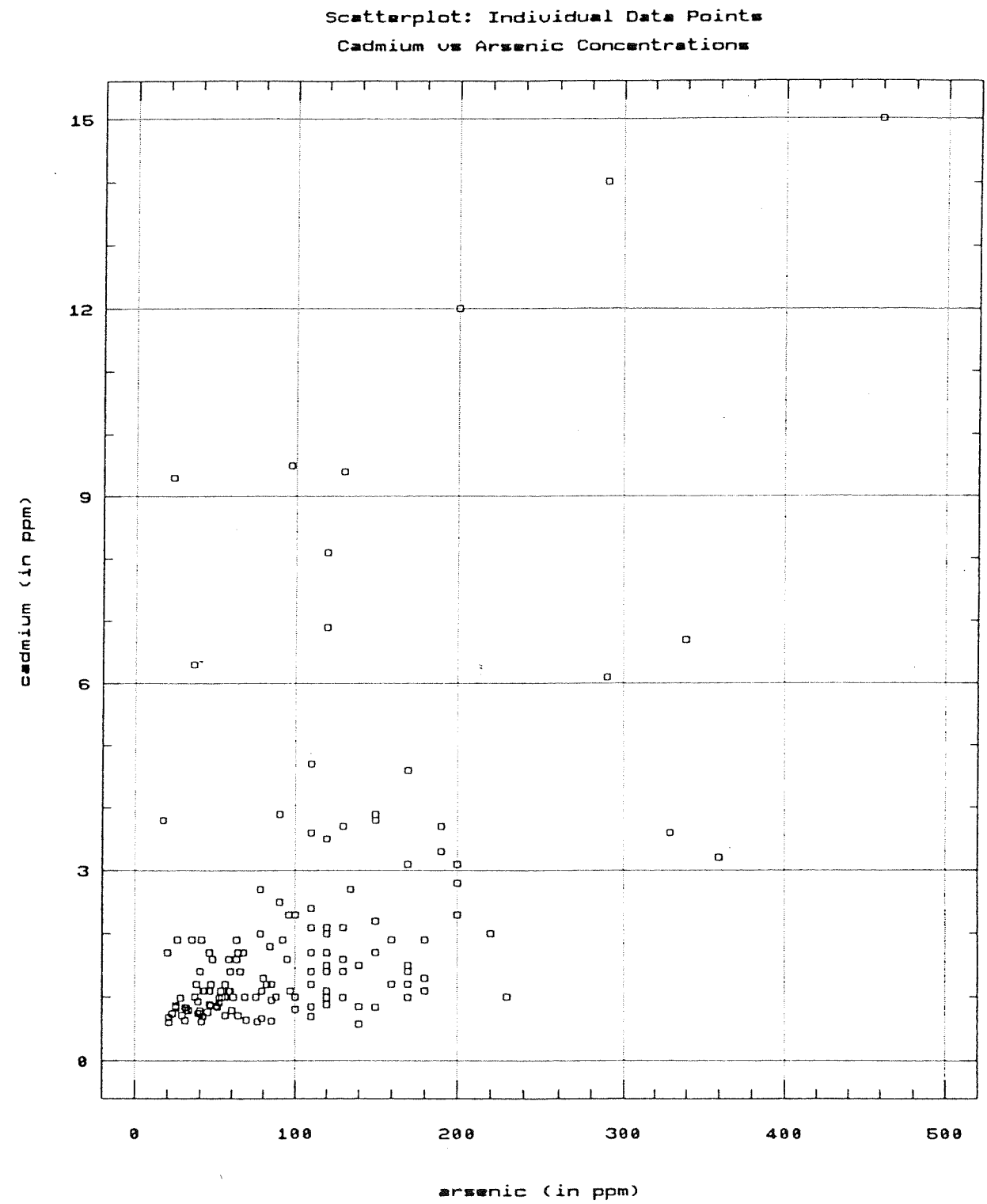


Figure 14
Scatterplot: Lead versus Arsenic Concentrations (Maximum Location Values)



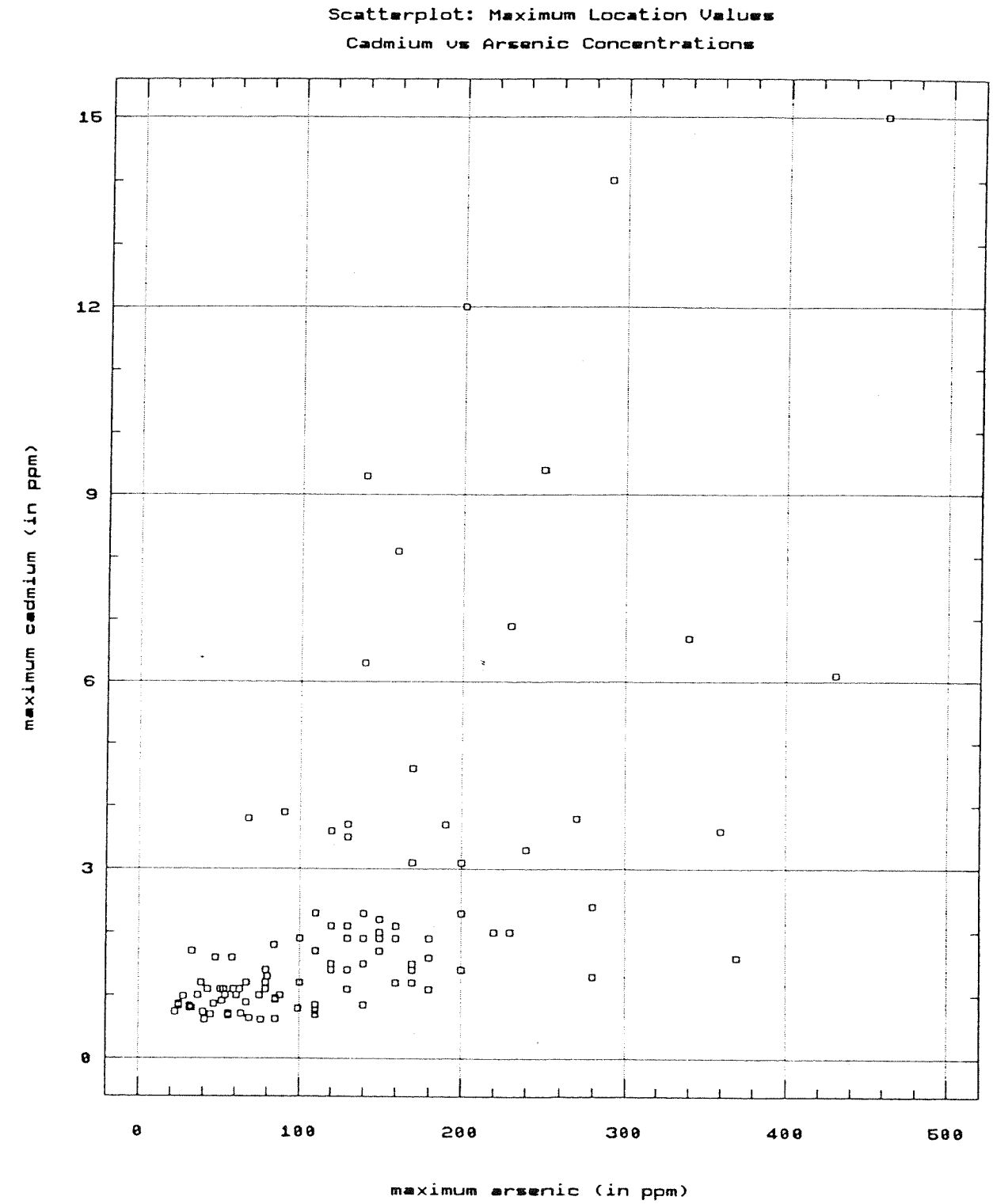
(LOG-LOG linear = multiplicative model)

Figure 15
Regression: Lead versus Arsenic Concentrations (LOG-LOG linear model, Maximum Location Values)



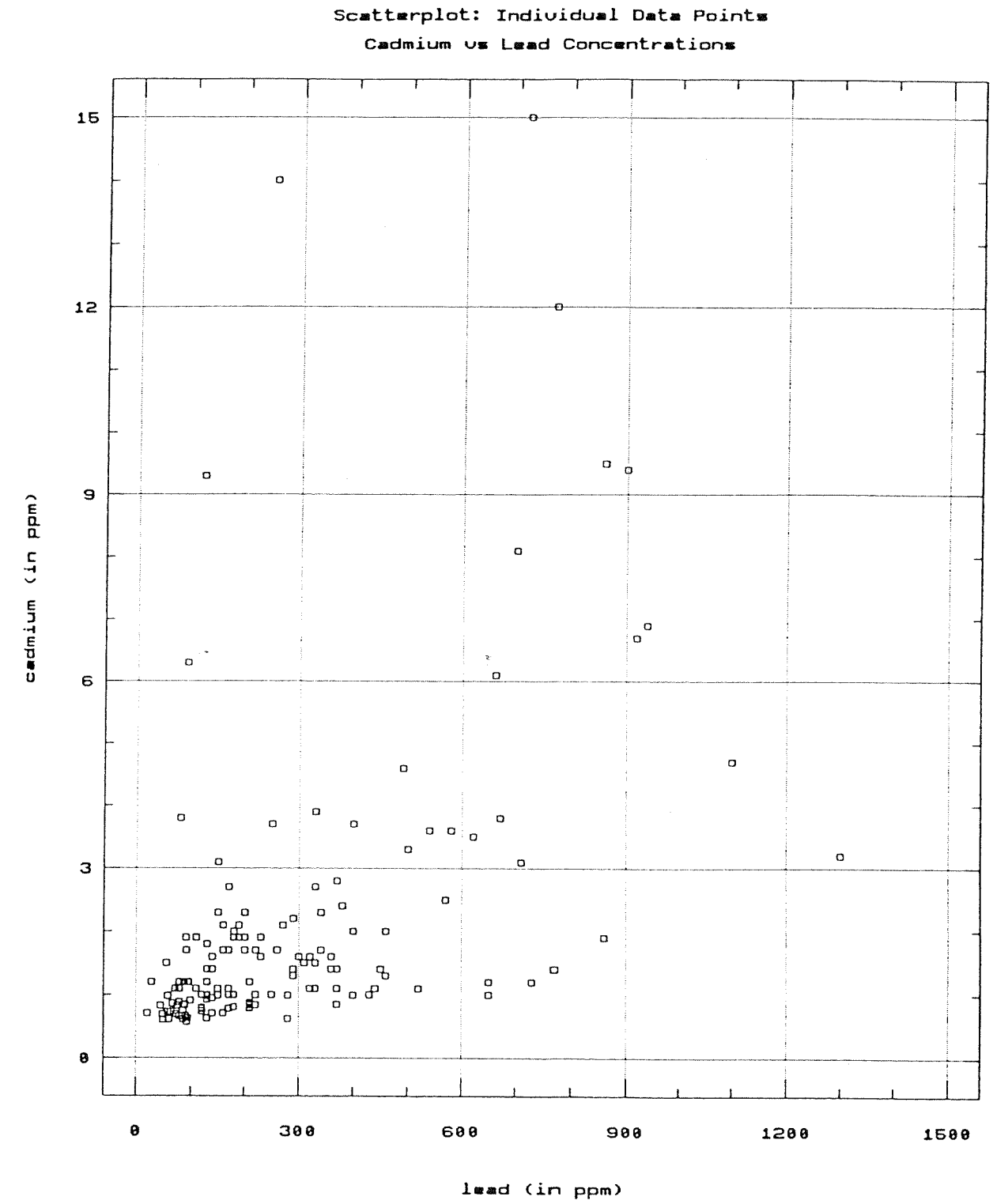
(not detected cadmium results omitted)

Figure 16
Scatterplot: Cadmium versus Arsenic Concentrations (All Data)



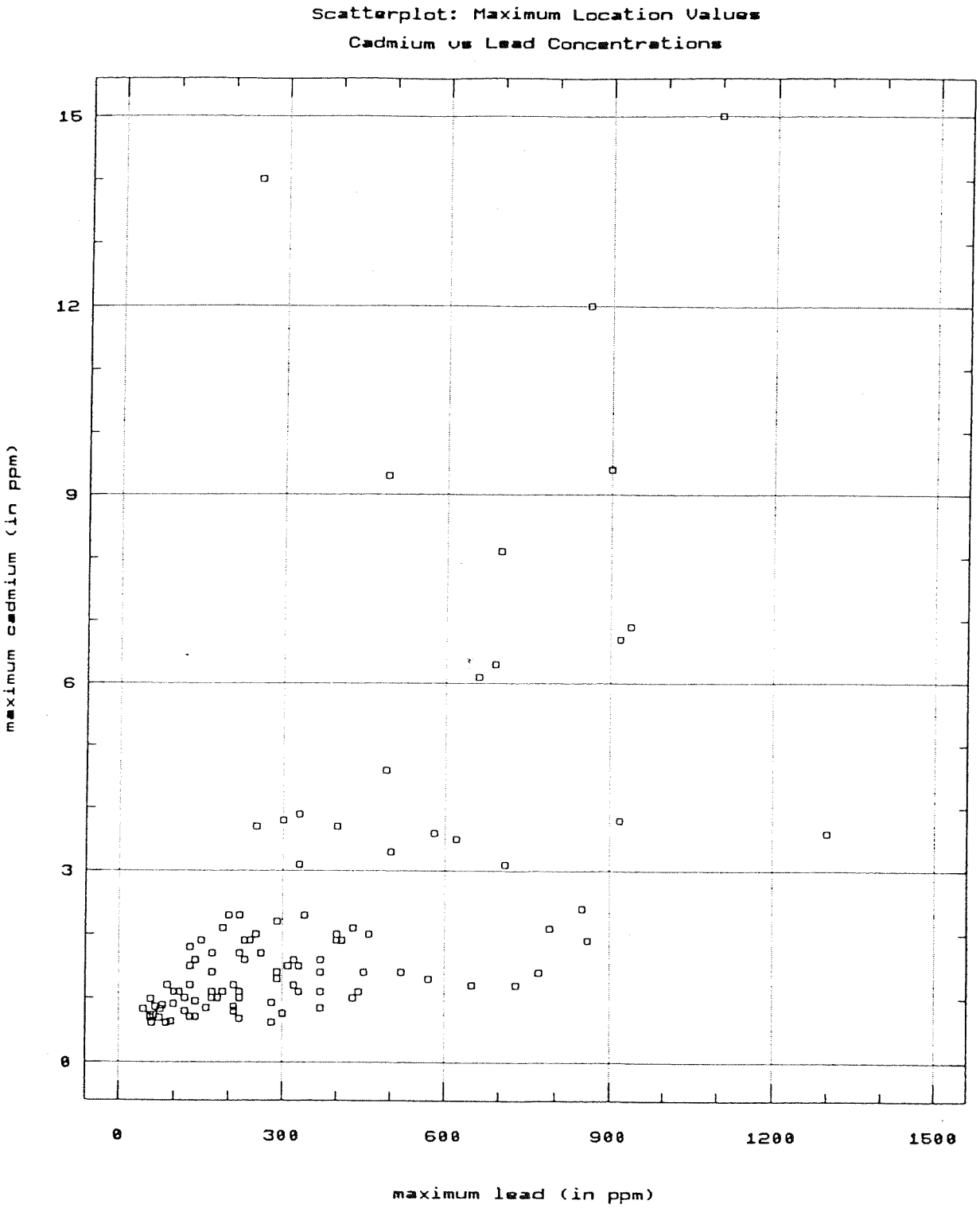
(not detected cadmium results omitted)

Figure 17
Scatterplot: Cadmium versus Arsenic Concentrations (Maximum Location Values)



(not detected cadmium results omitted)

Figure 18
Scatterplot: Cadmium versus Lead Concentrations (All Data)



(not detected cadmium results omitted)

Figure 19
Scatterplot: Cadmium versus Lead Concentrations (Maximum Location Values)

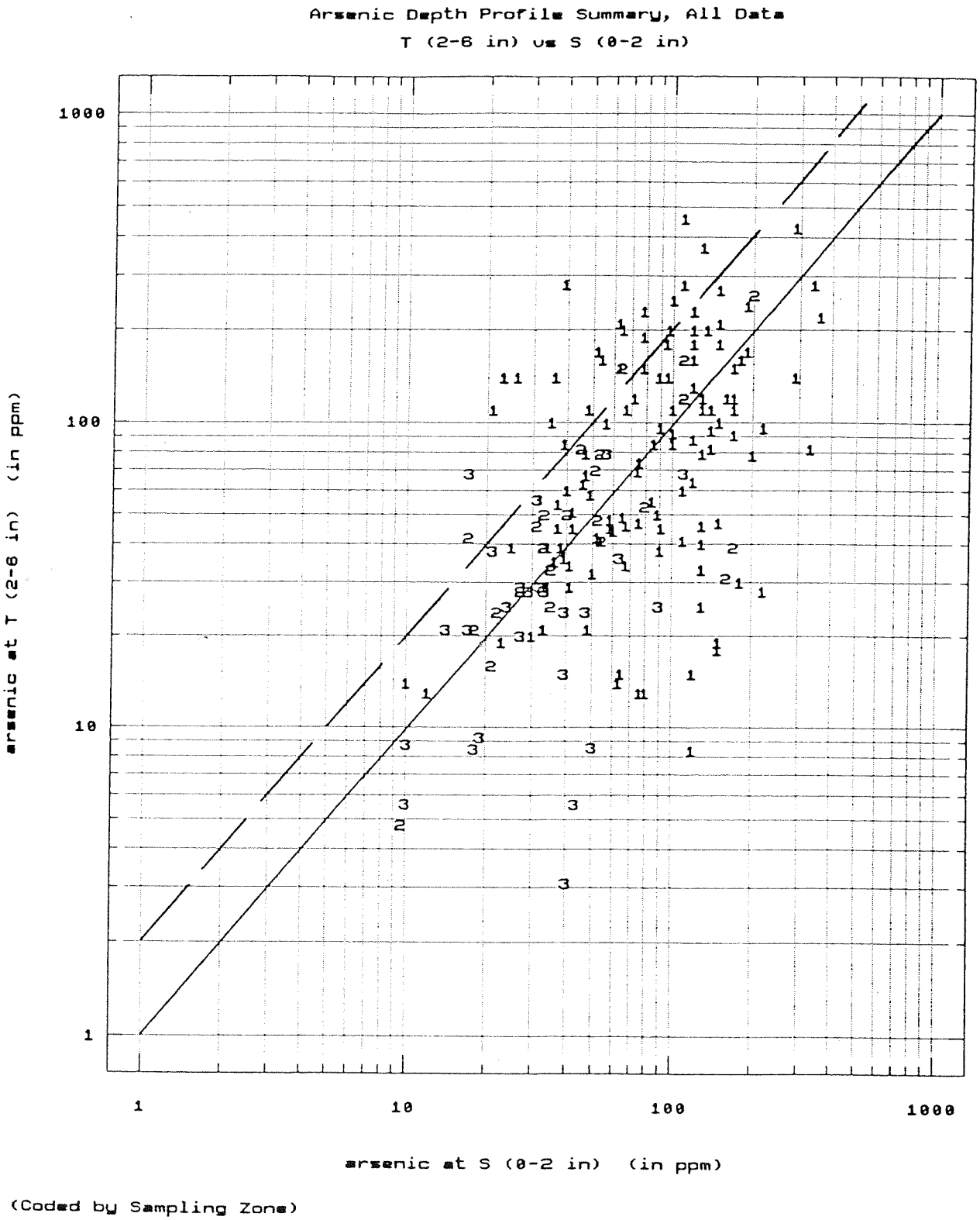


Figure 20
Arsenic Depth Profile Summary (All Data)

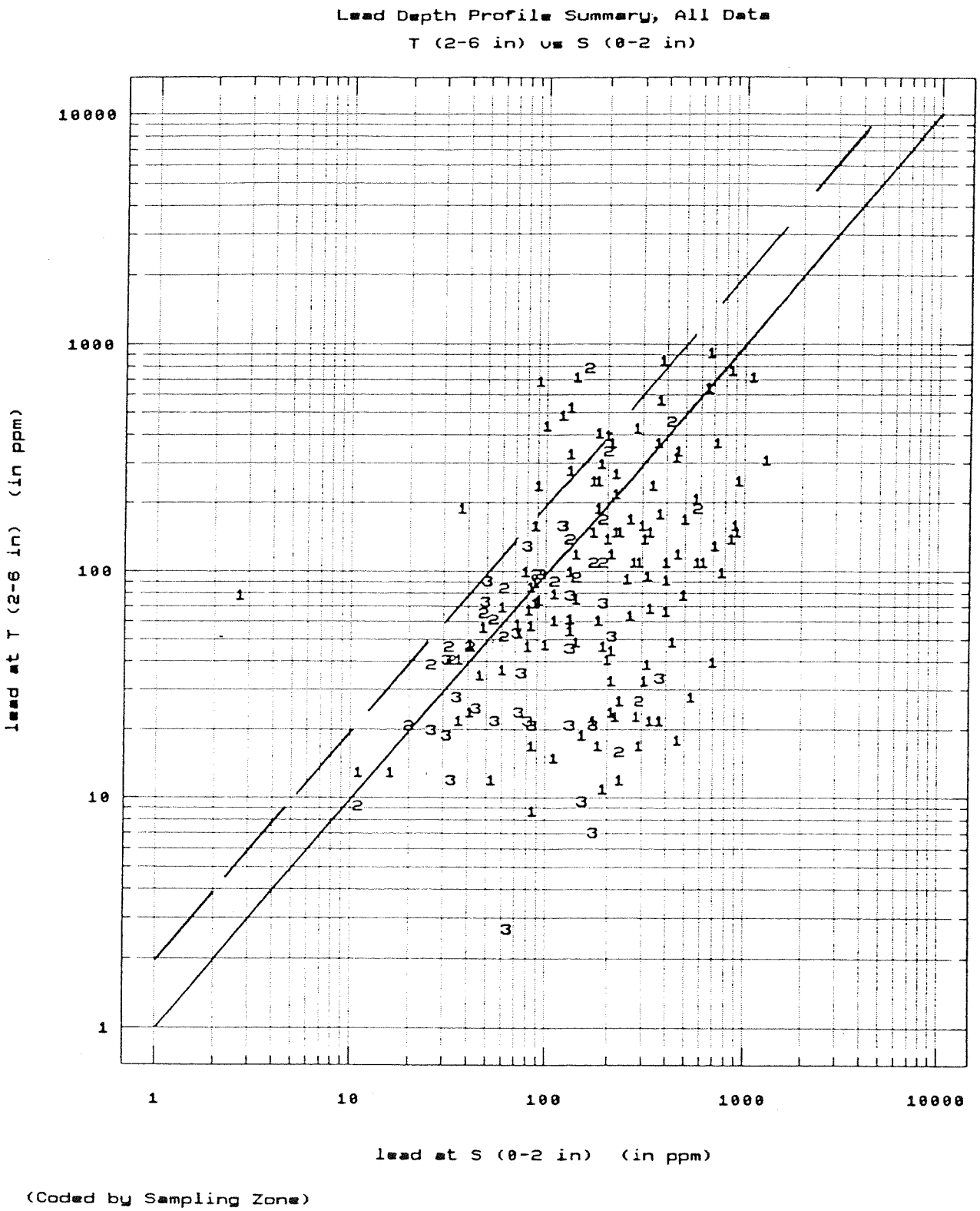


Figure 21
Lead Depth Profile Summary (All Data)

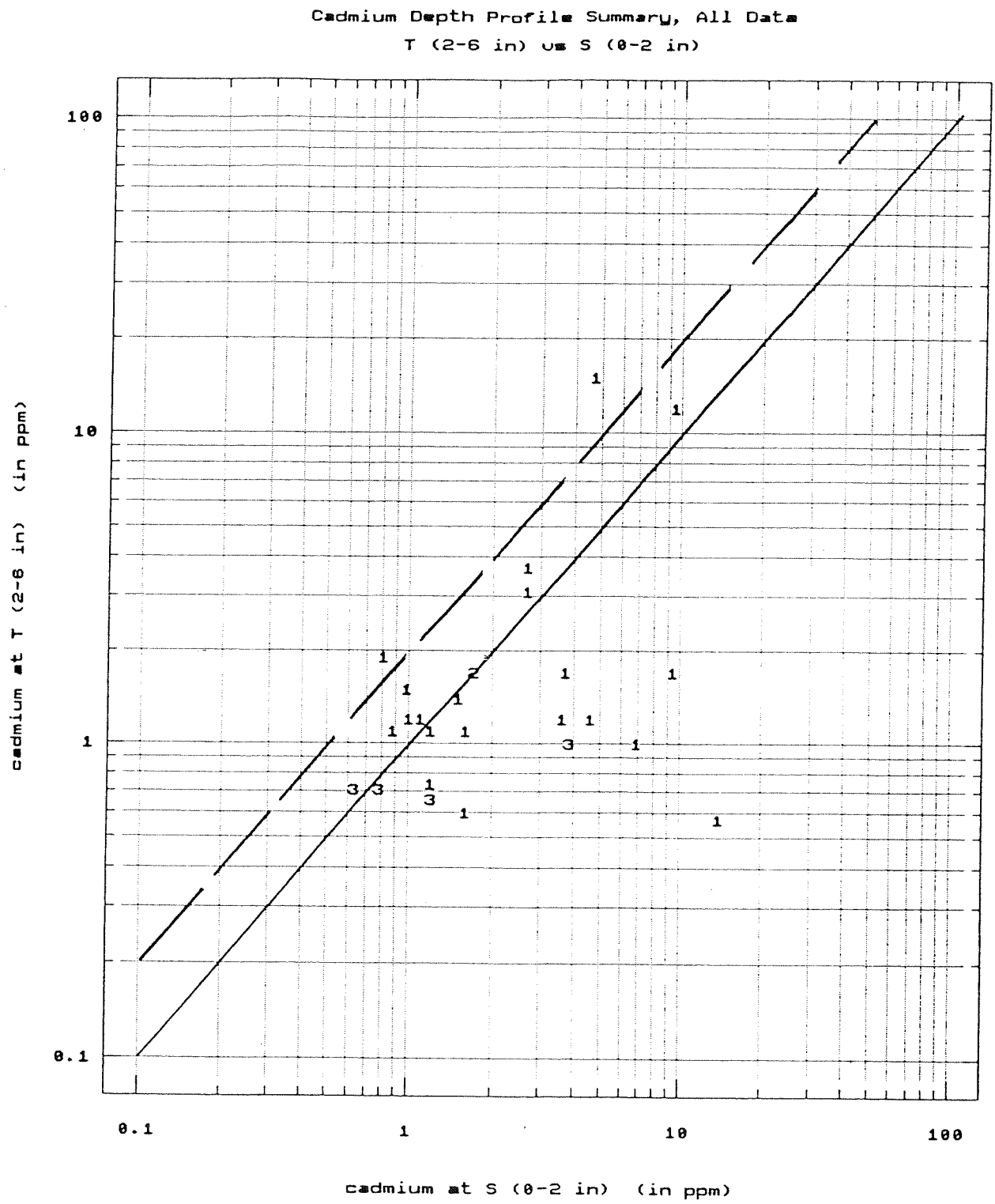


Figure 22
Cadmium Depth Profile Summary (Detected Values Only)

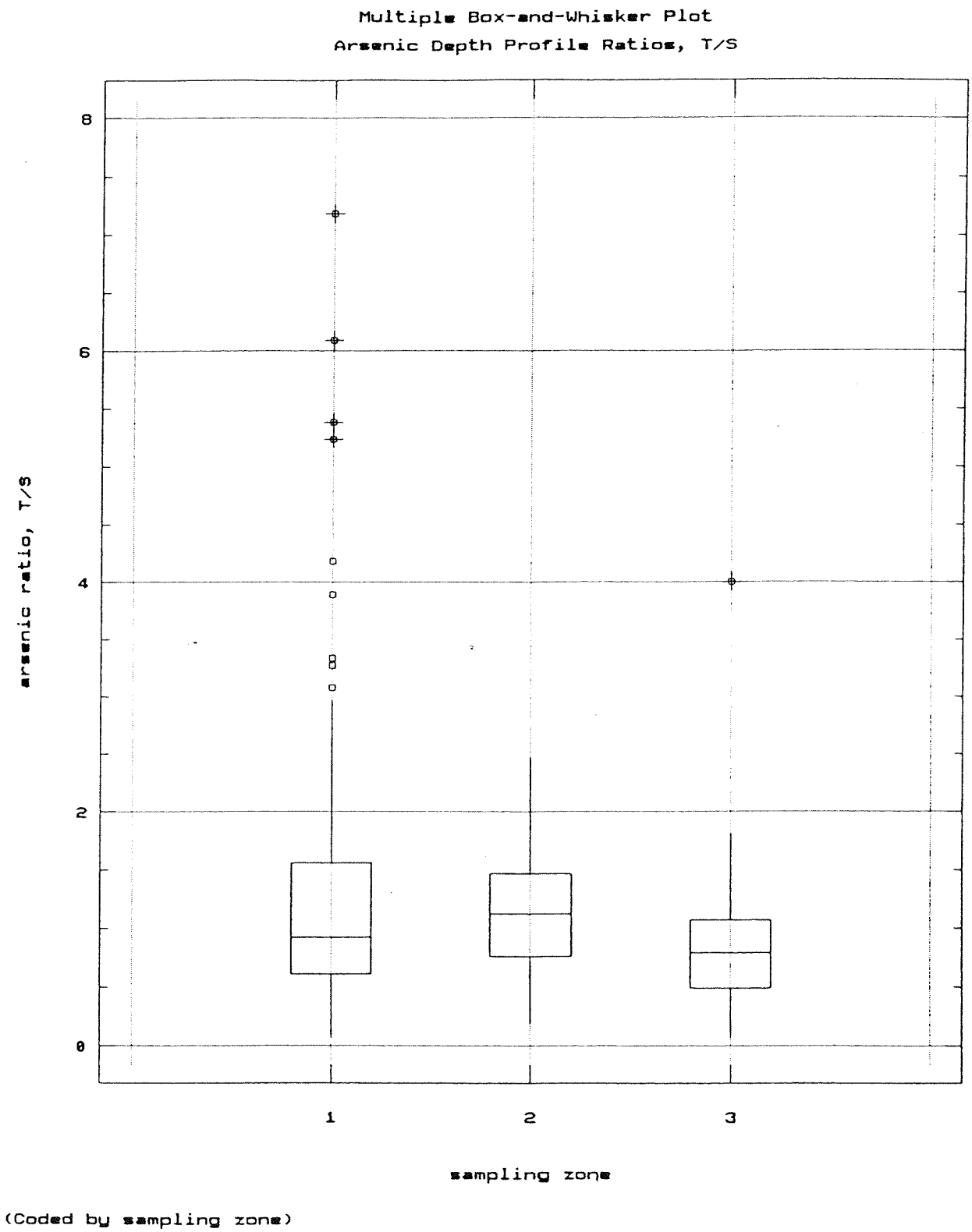
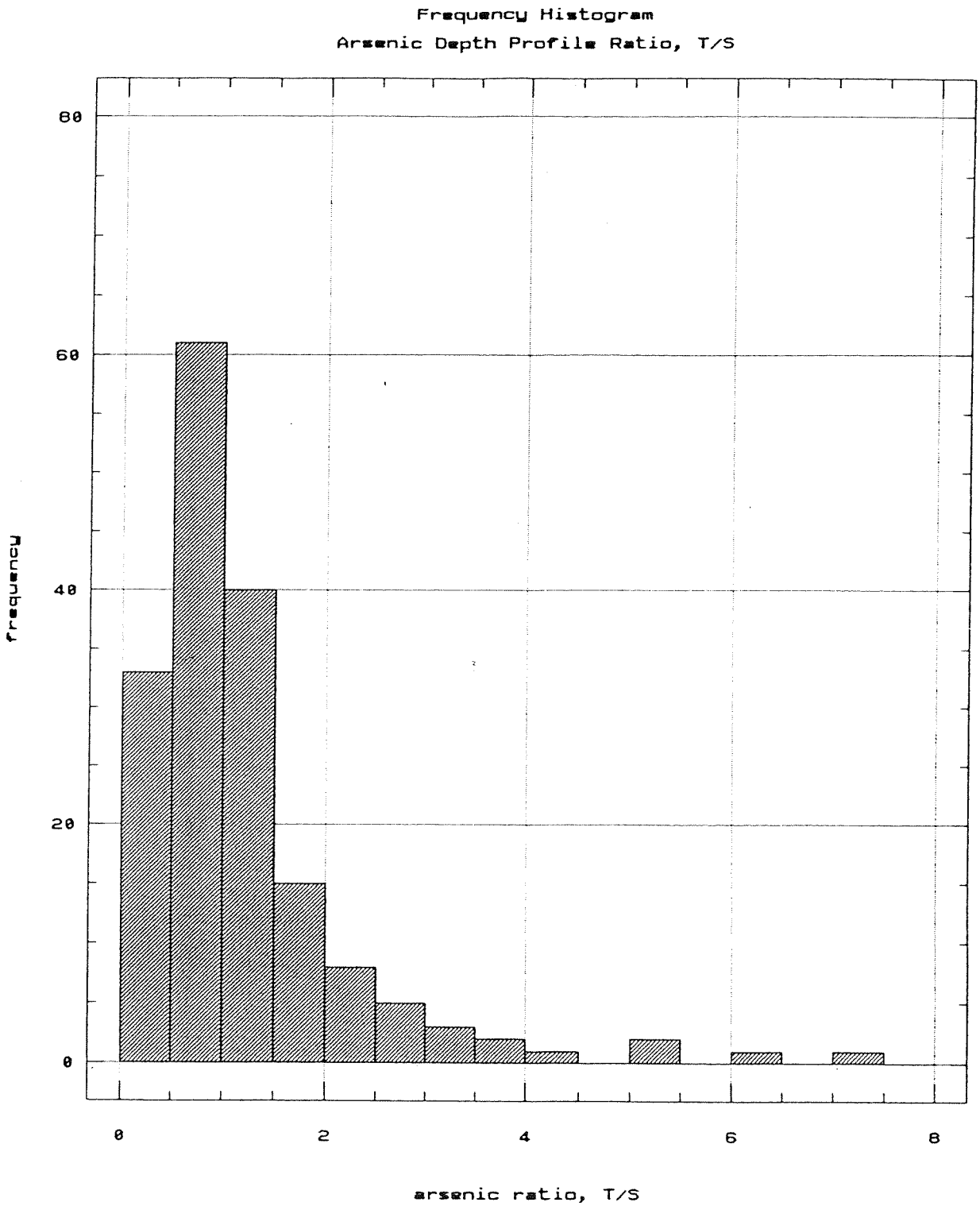
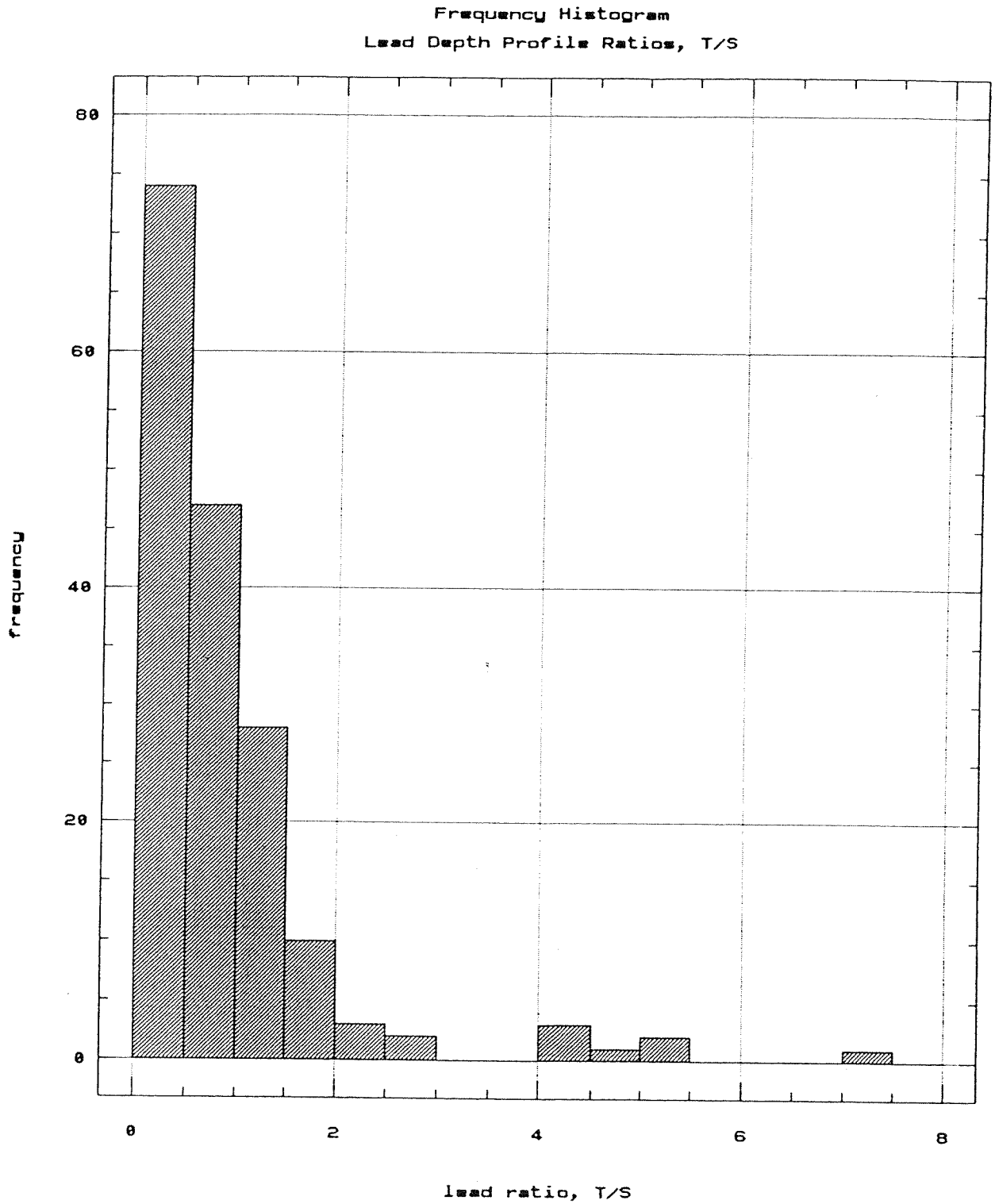


Figure 23
Box-and-Whisker Plot: Arsenic Depth Profile Ratios, T/S, by Sampling Zone



(All Data)

Figure 24
Frequency Histogram: Arsenic Depth Profile Ratios, T/S (All Data)



(All Data; one ratio of 29.3 not shown)

Figure 25
Frequency Histogram: Lead Depth Profile Ratios, T/S (All Data)

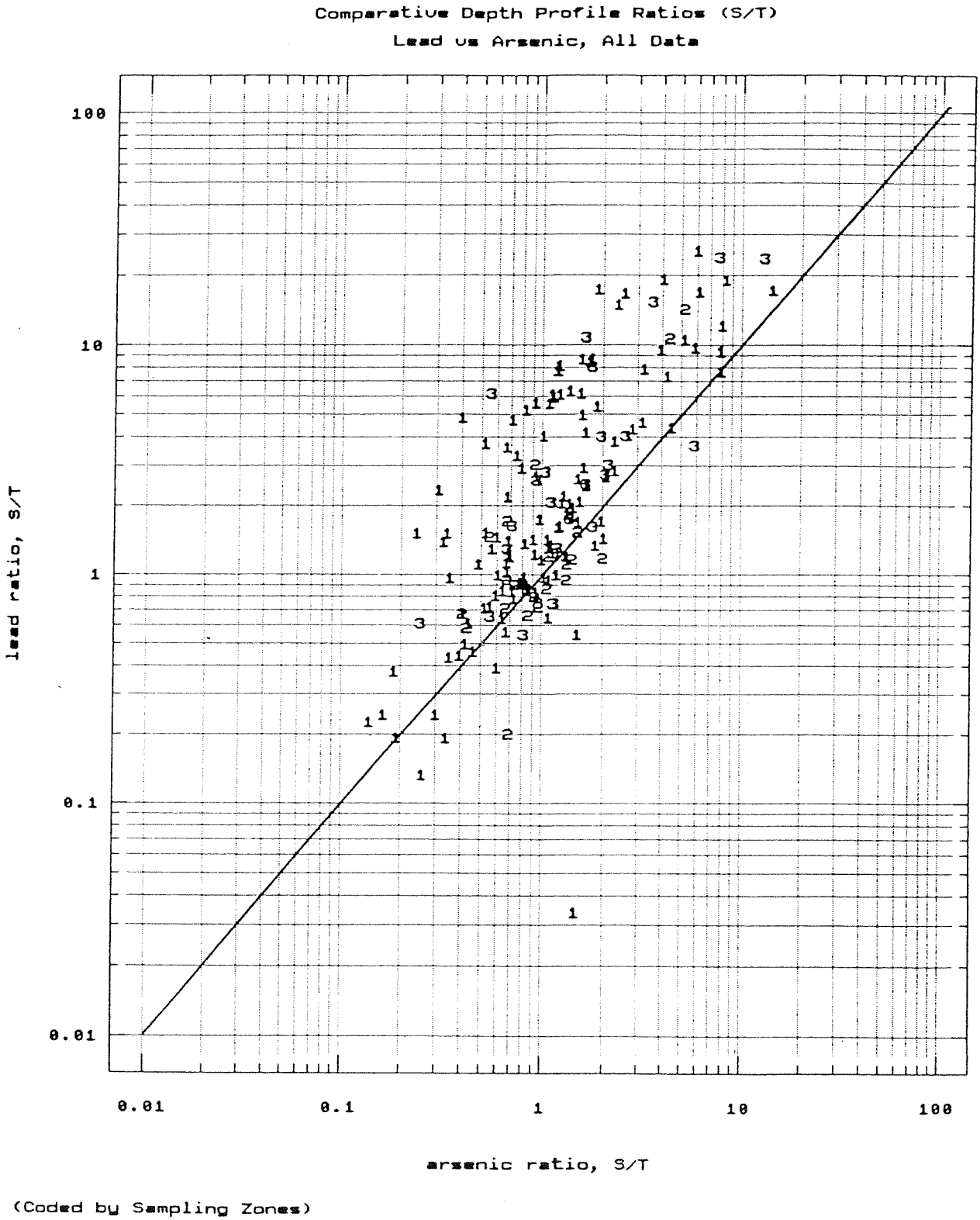


Figure 26
Comparative Depth Profile Ratios, S/T: Lead versus Arsenic

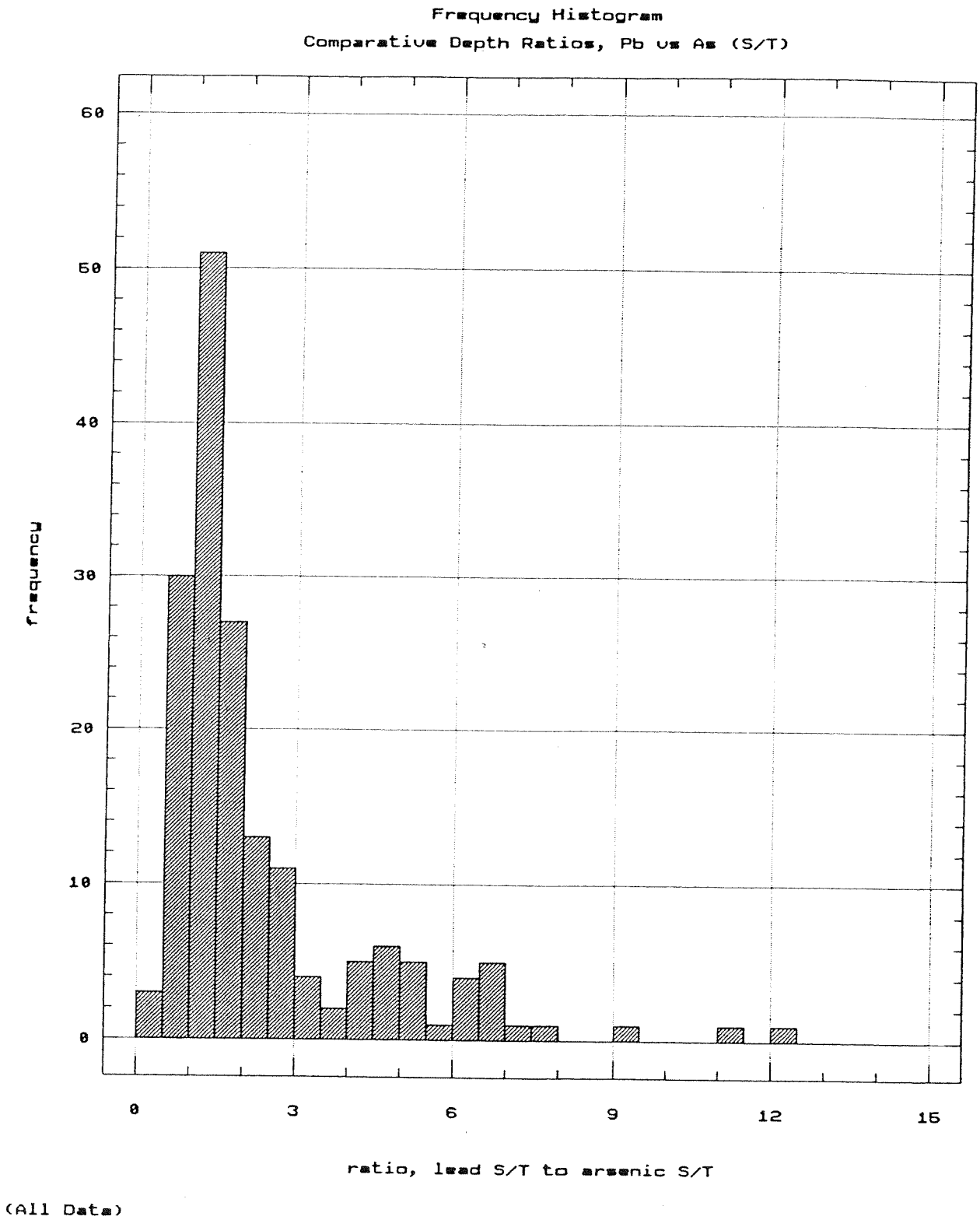
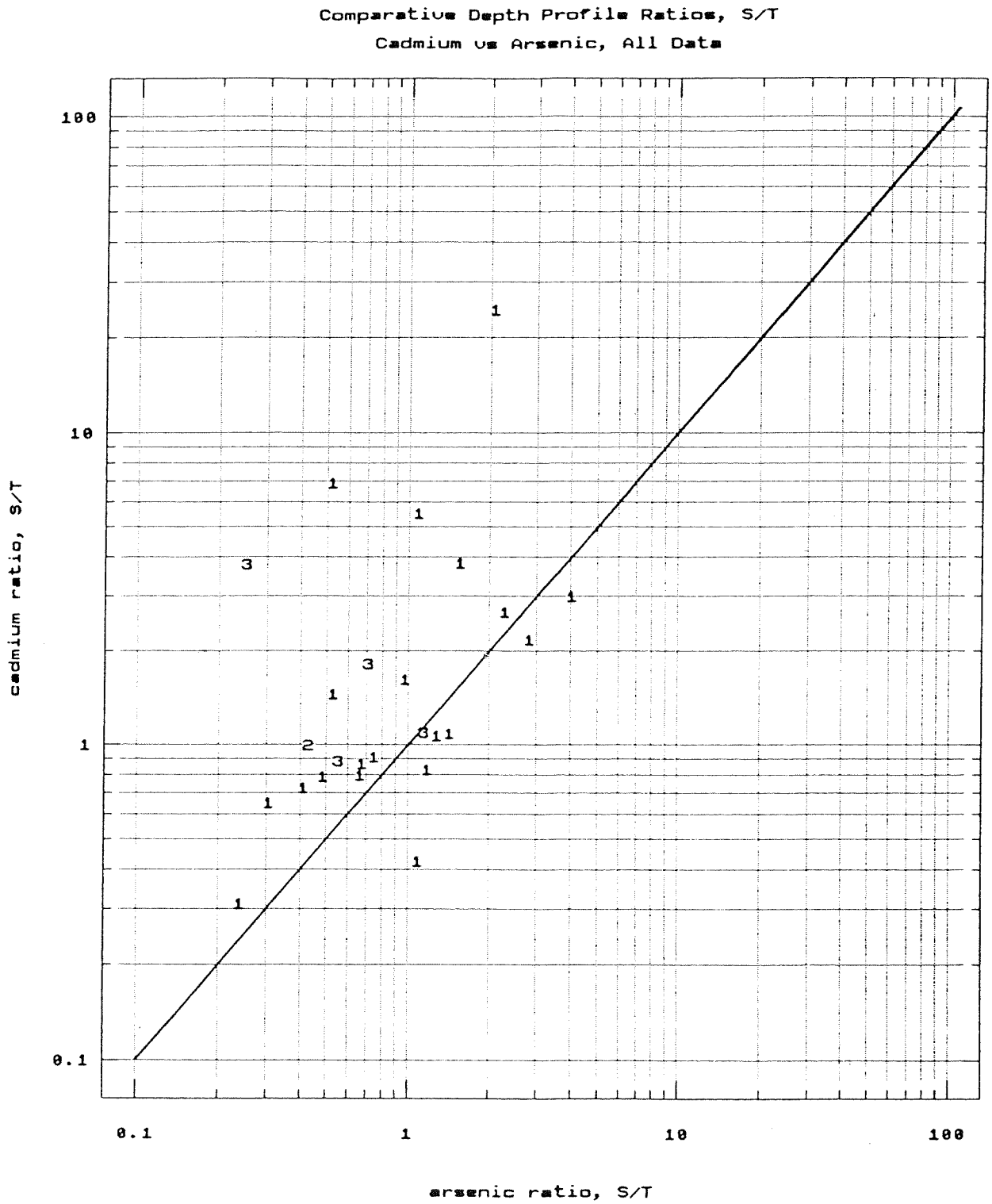
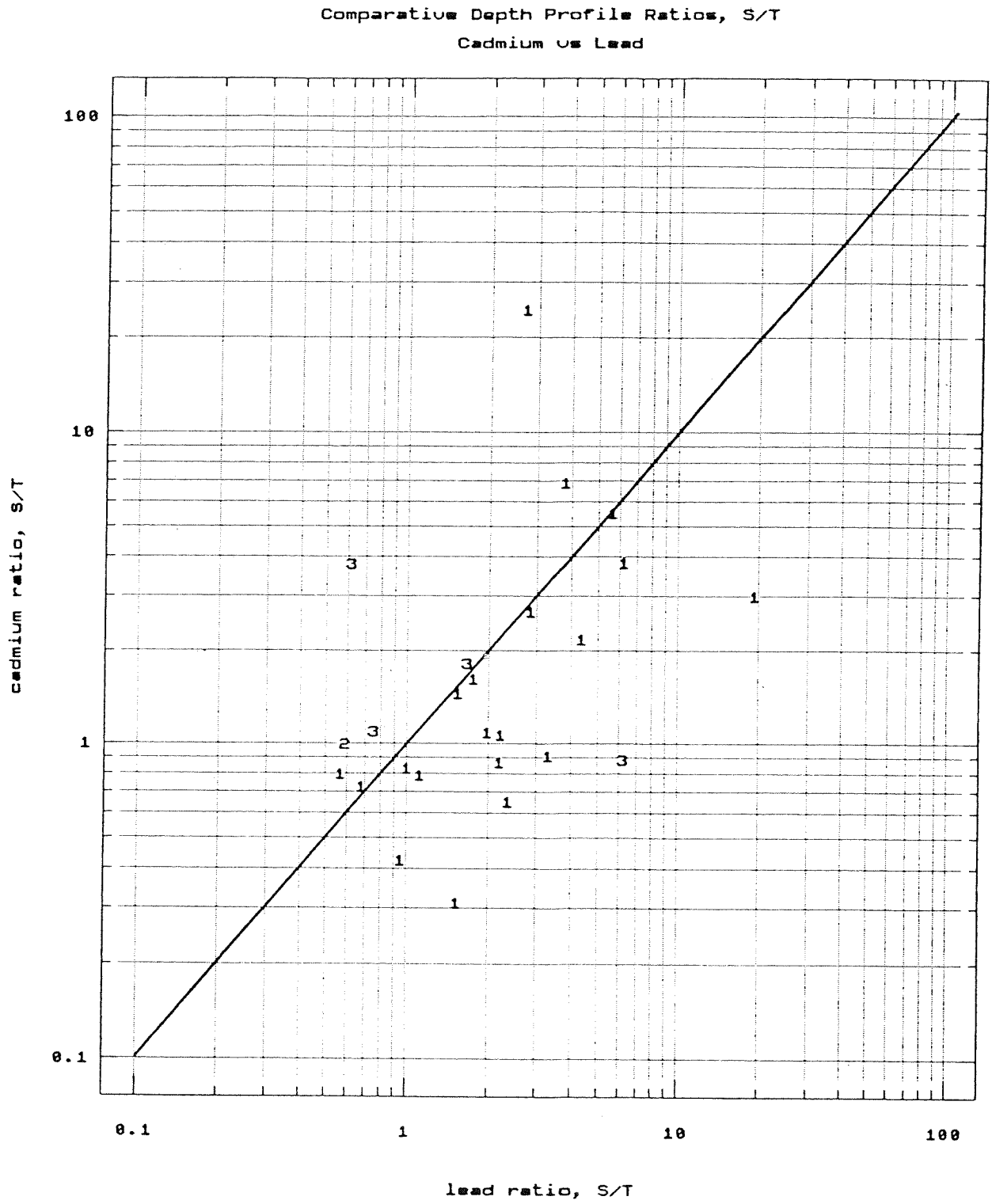


Figure 27
Frequency Histogram: Comparative Depth Ratios, S/T, Lead versus Arsenic



(Coded by Zone; cadmium NDs omitted)

Figure 28
Comparative Depth Profile Ratios, S/T: Cadmium versus Arsenic



(Coded by Zone; cadmium NDs omitted)

Figure 29
Comparative Depth Profile Ratios, S/T: Cadmium versus Lead

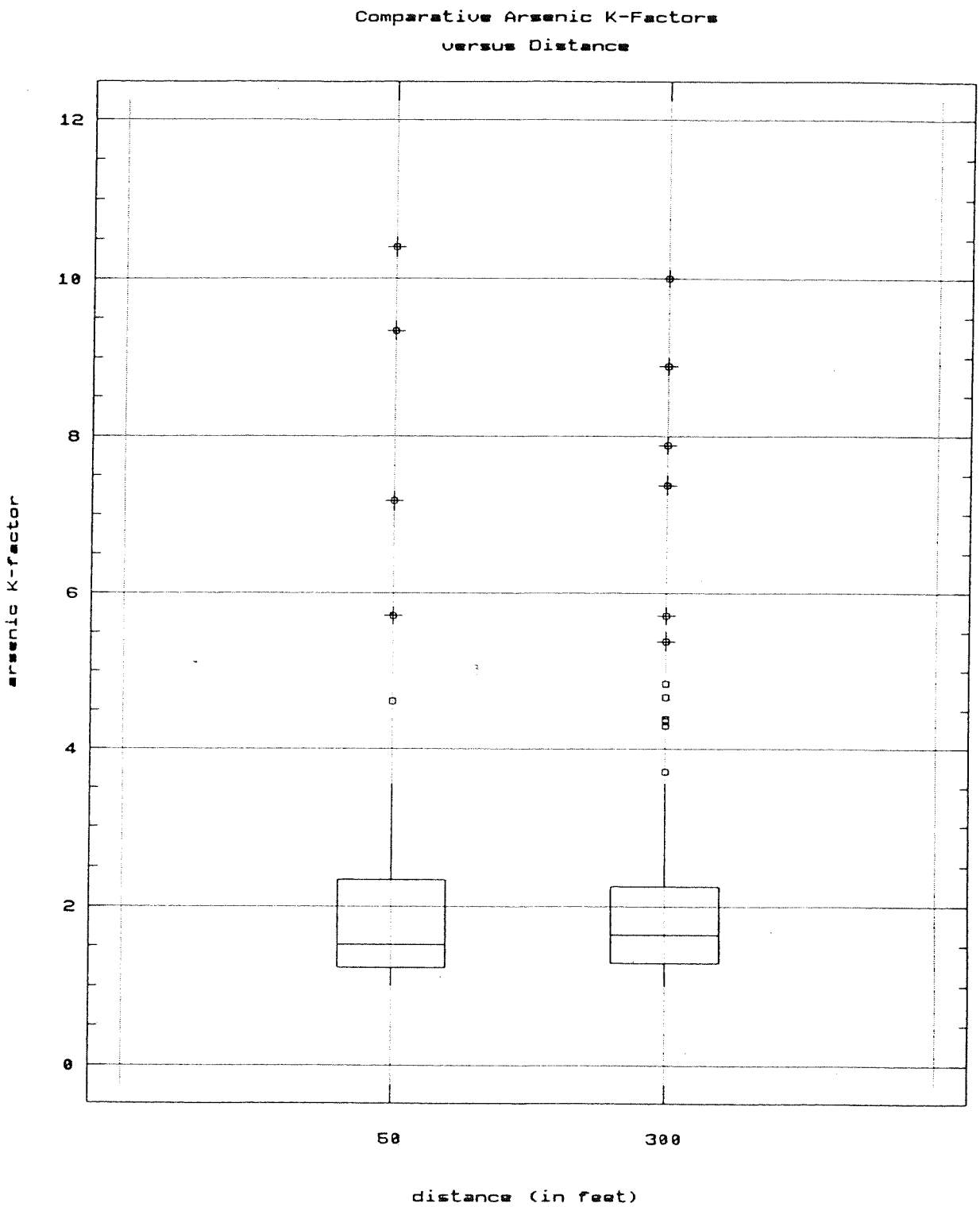


Figure 30
Box-and-Whisker Plot: Arsenic K-Factors versus Distance

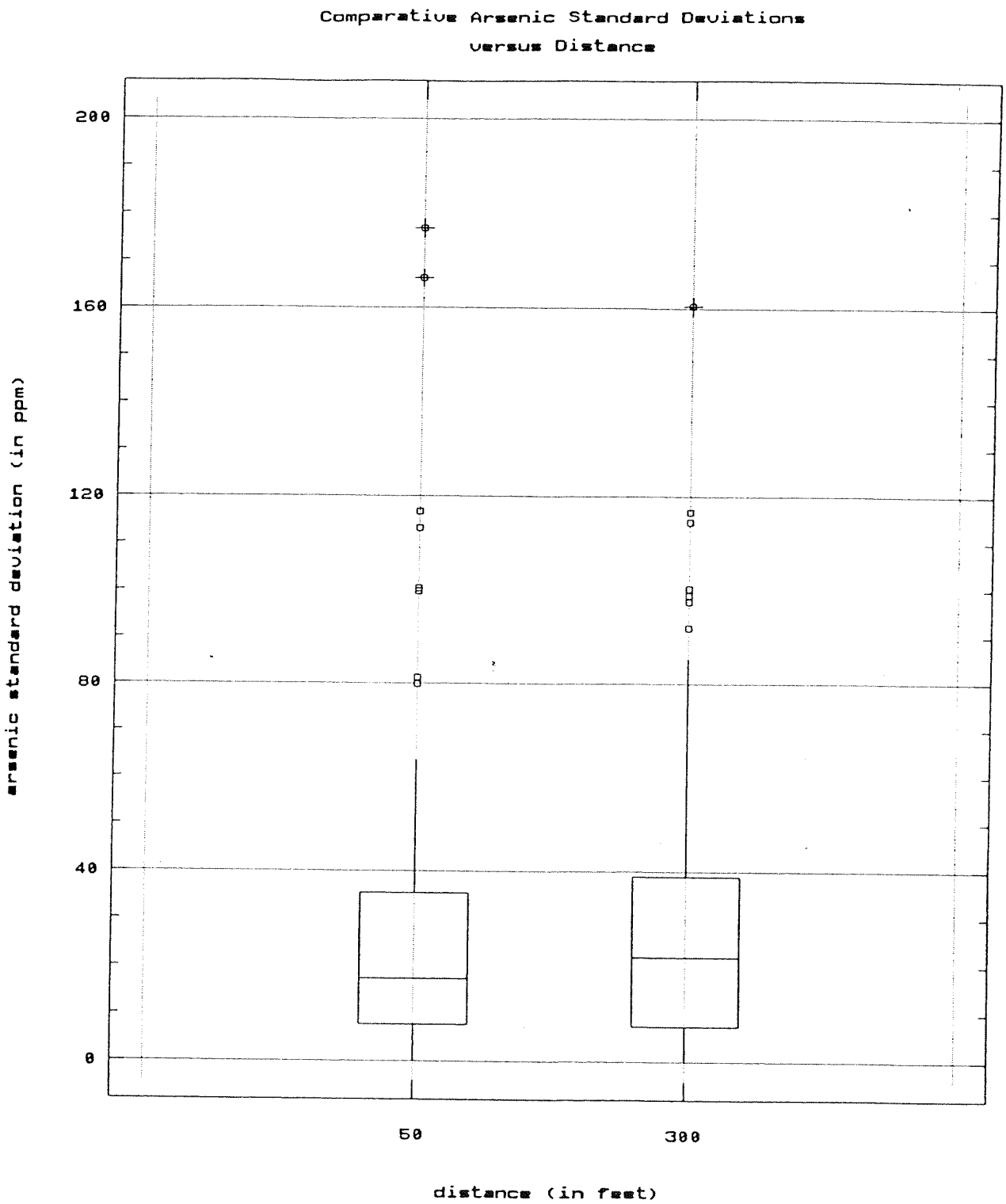


Figure 31
Box-and-Whisker Plot: Arsenic Standard Deviations versus Distance

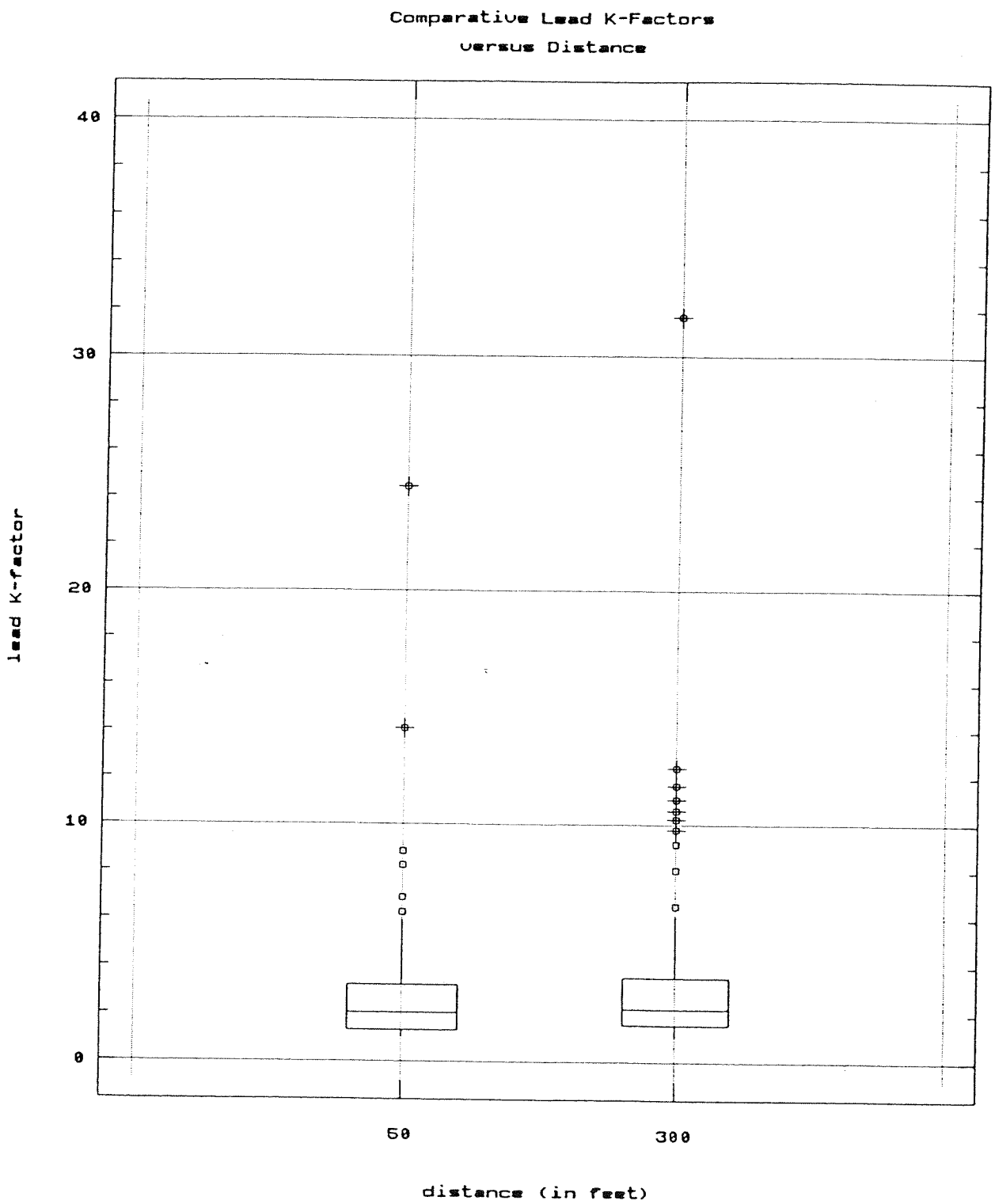


Figure 32
Box-and-Whisker Plot: Lead K-Factors versus Distance

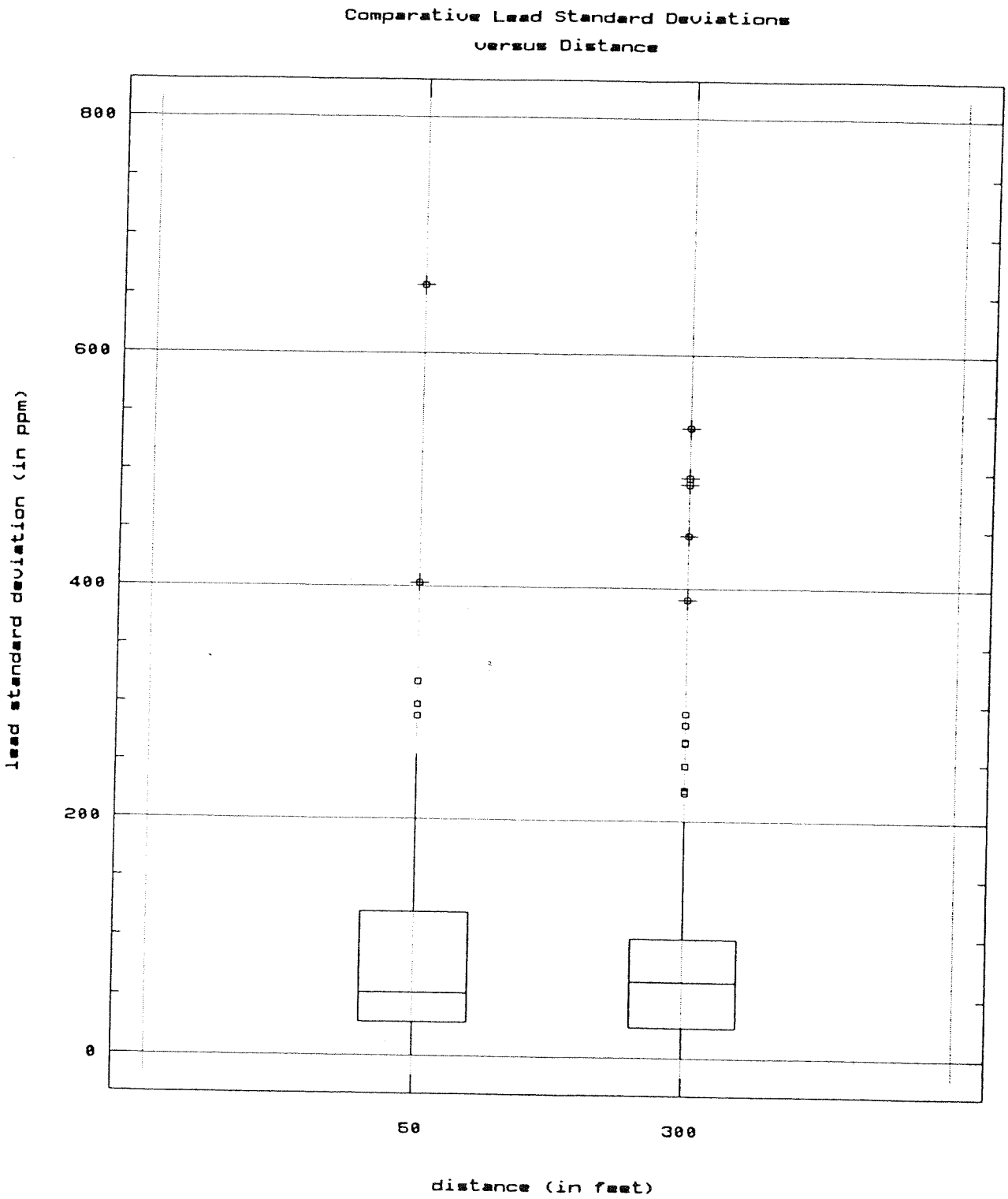


Figure 33
Box-and-Whisker Plot: Lead Standard Deviations versus Distance

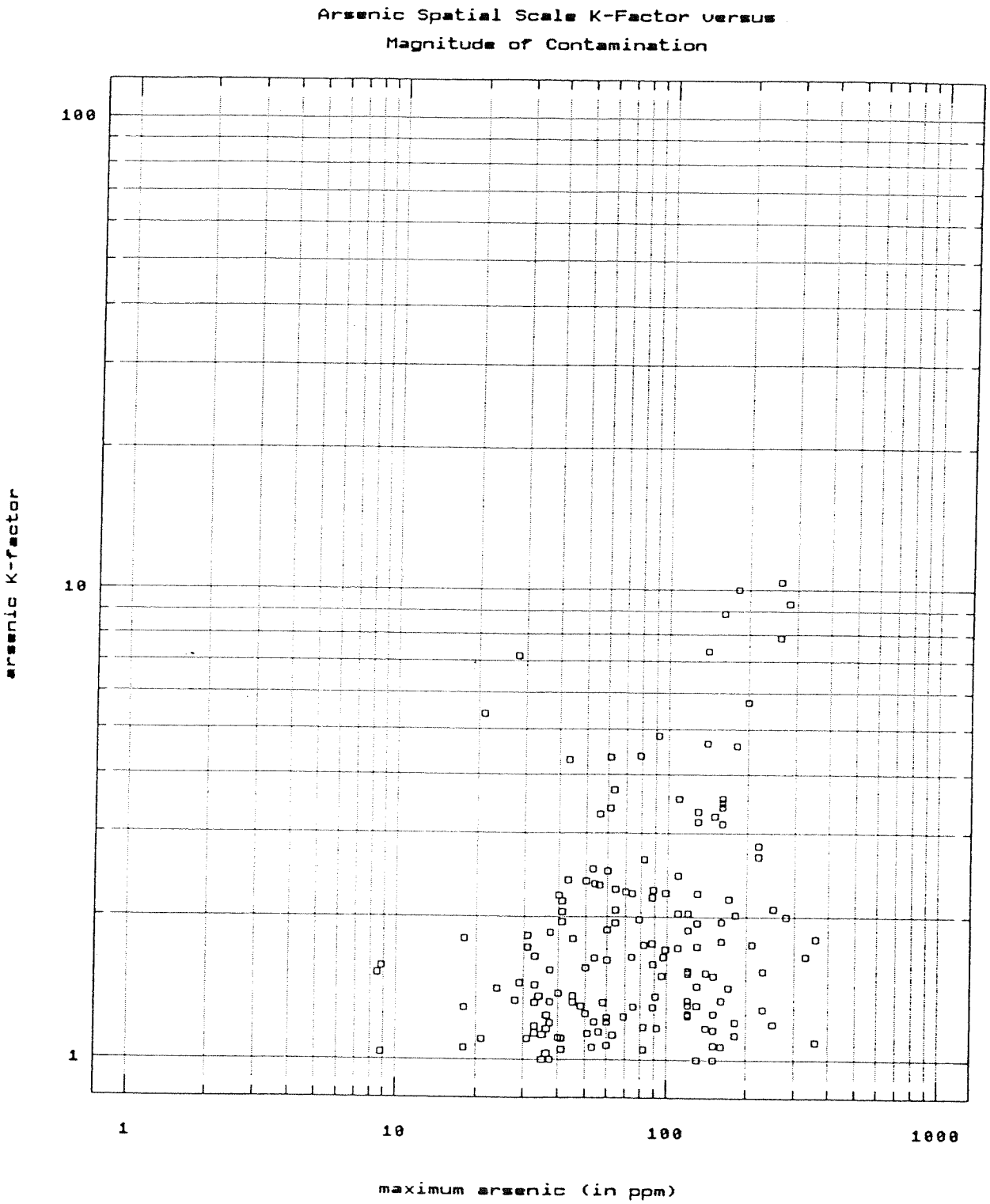
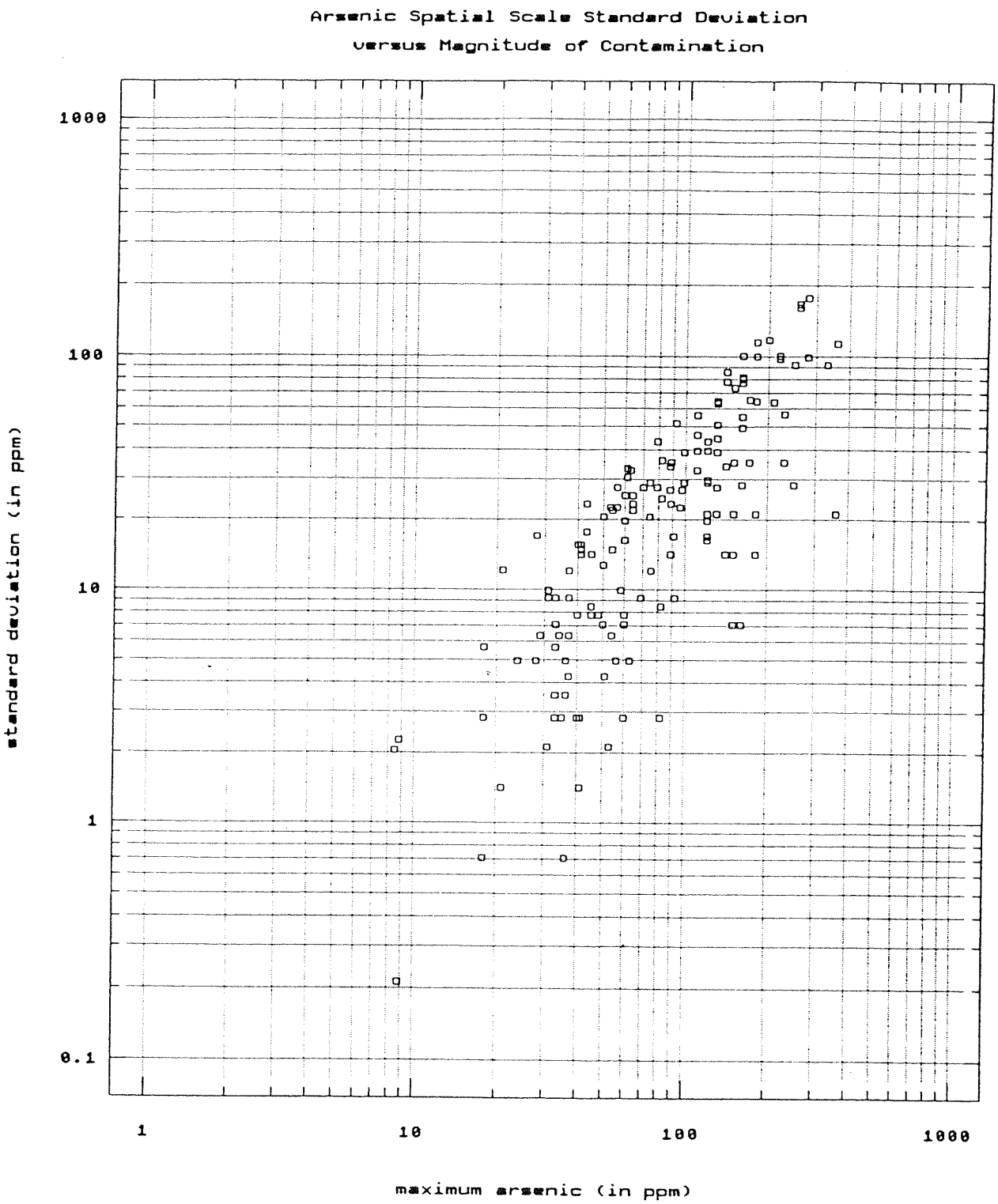


Figure 34
Scatterplot: Arsenic K-Factors versus Magnitude of Contamination



(4 SD=0 results omitted)

Figure 35
Scatterplot: Arsenic Standard Deviations versus Magnitude of Contamination