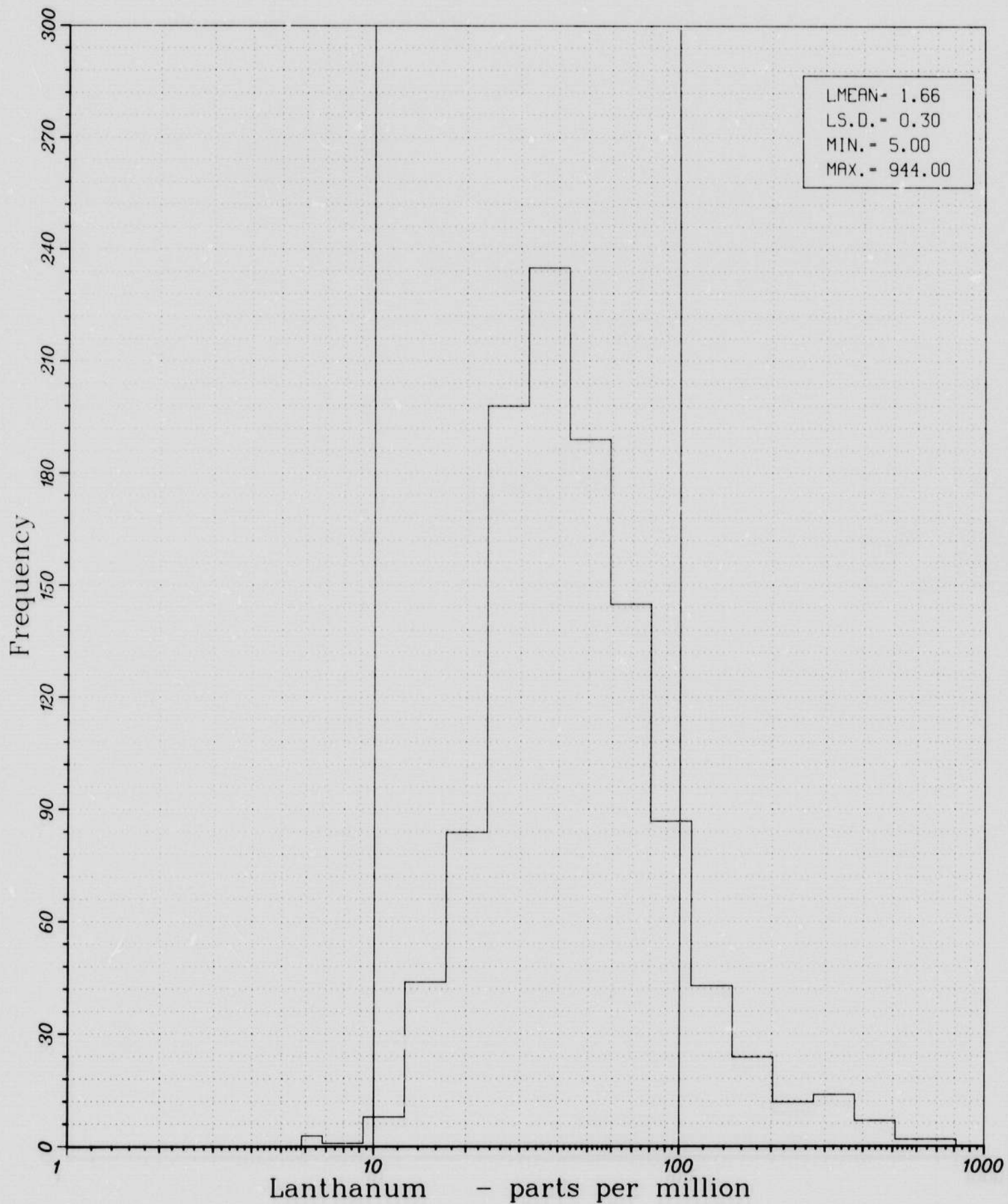


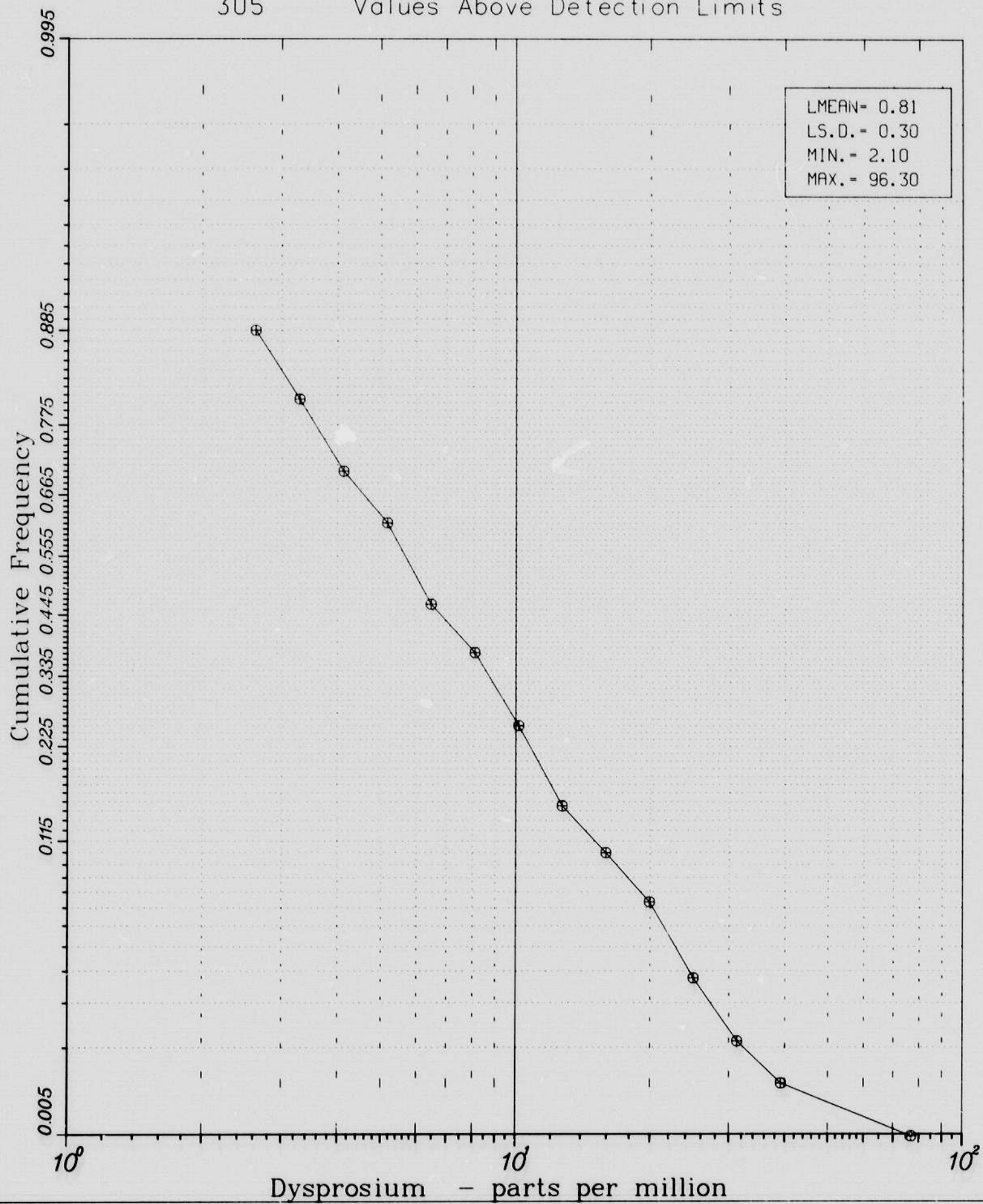
CHALLIS 1°x2° Sheet

Log Histogram Lanthanum Values Surface Site

1098 Values Above Detection Limits



CHALLIS 1°x2° Sheet  
Log Cumulative Frequency Plot  
Dysprosium Values - Surface Sites  
305 Values Above Detection Limits



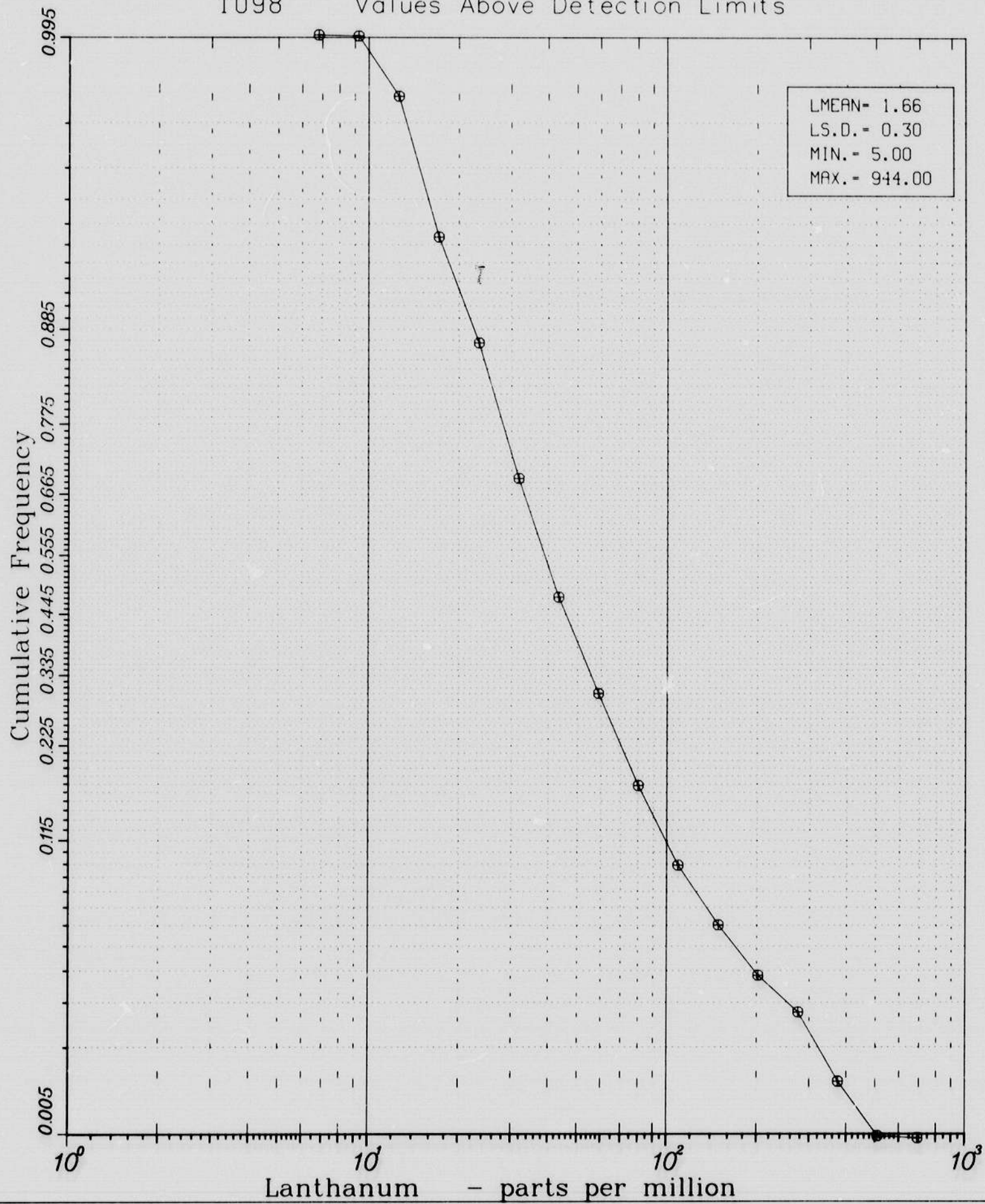


CHALLIS 1°x2° Sheet

Log Cumulative Frequency Plot

Lanthanum Values - Surface Sites

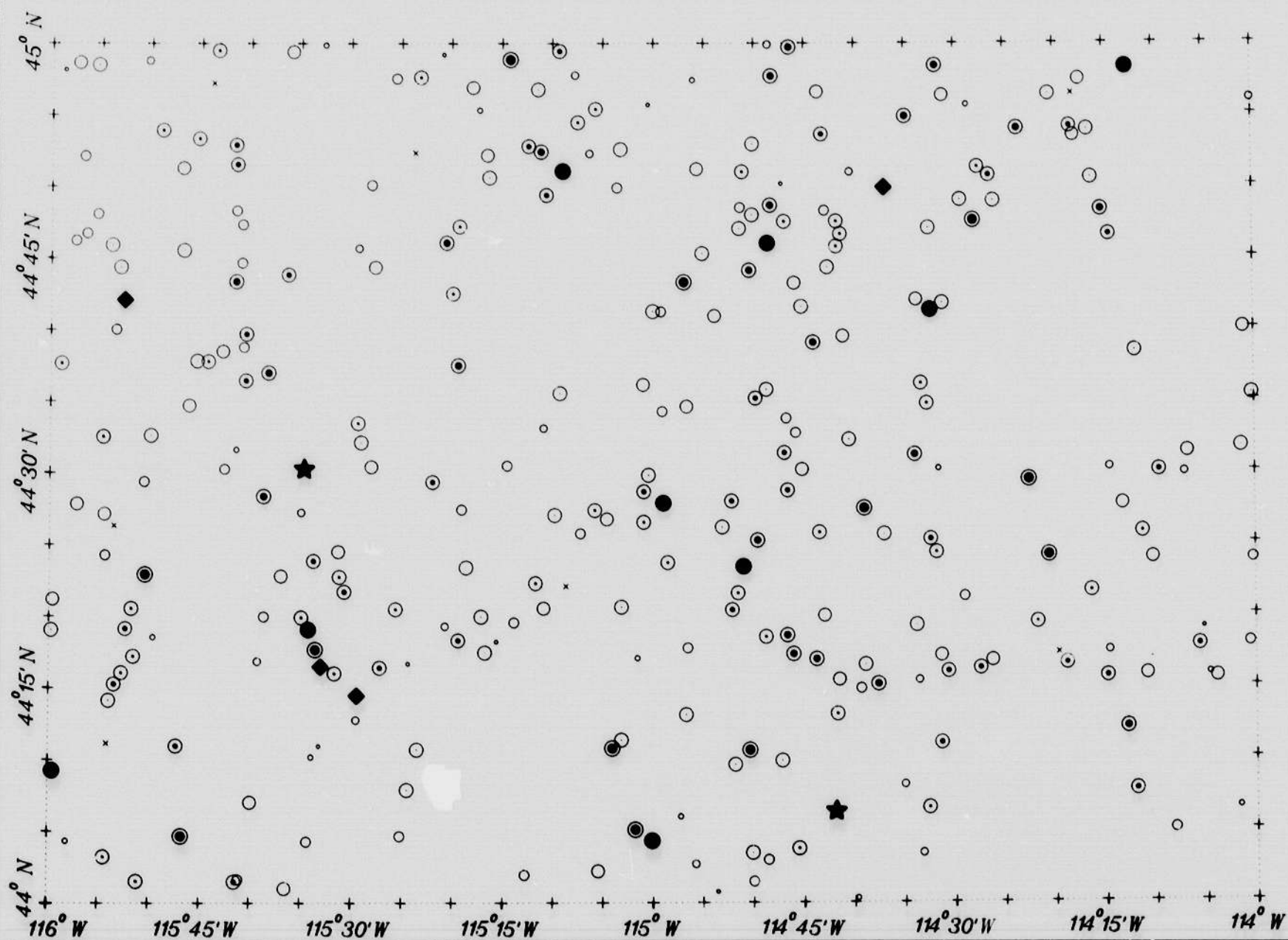
1098 Values Above Detection Limits



**CHALLIS**      *1x2° Sheet*  
**Dysprosium In Sediments**  
**305**      Values Above D.L.

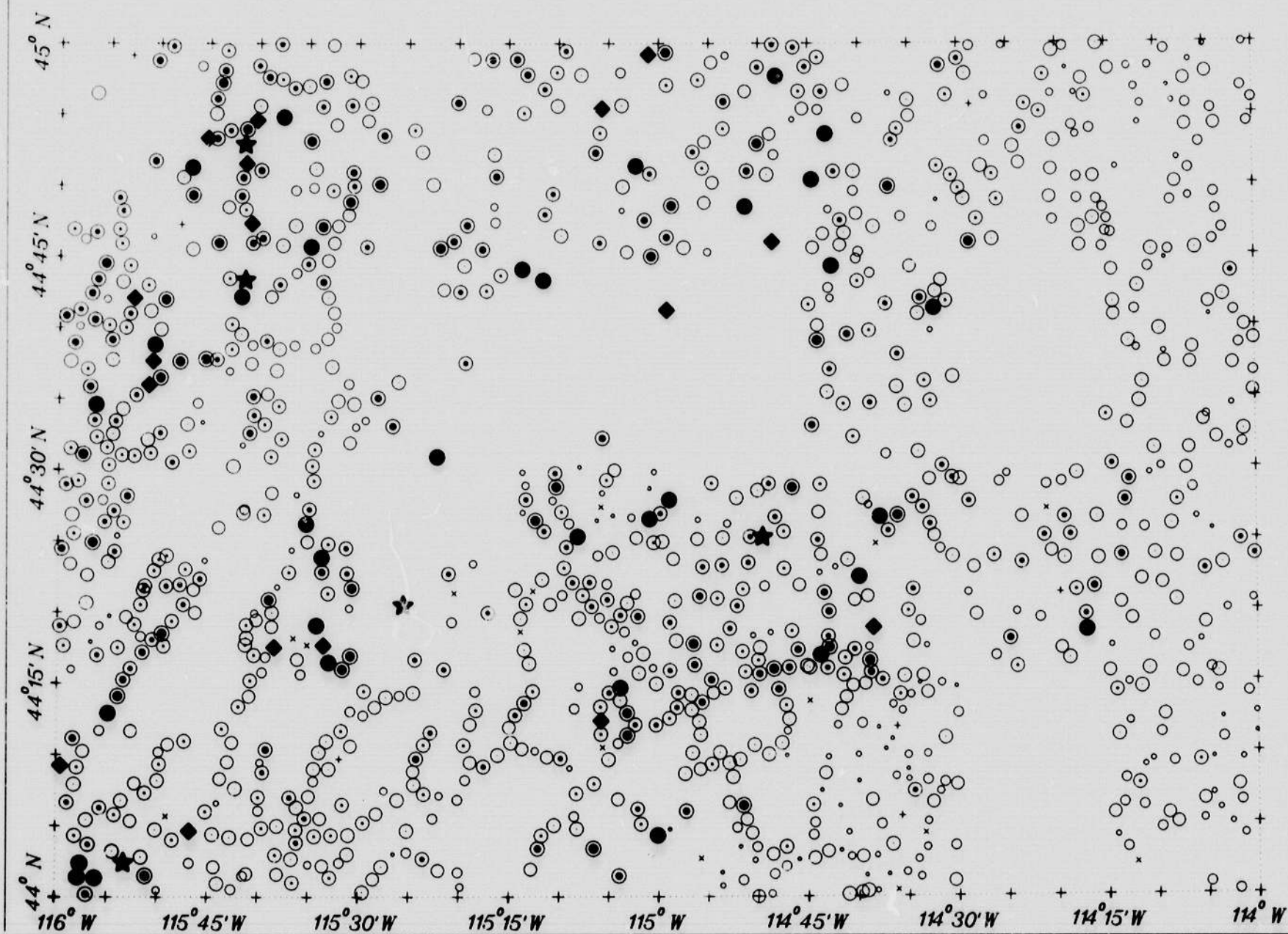
Dysprosium concentration - p.p.m.

+ < 2.1	○ 2.3- 2.5	○ 4.0- 5.4	⊙ 9.5- 12.1	● 21.3- 28.7
x 2.1- 2.1	○ 2.5- 3.0	○ 5.4- 7.4	⊙ 12.1- 17.5	◆ 28.7- 40.7
• 2.1- 2.3	○ 3.0- 4.0	⊙ 7.4- 9.5	⊙ 17.5- 21.3	★ > 40.7



**CHALLIS**      *1x2° Sheet*  
**Lanthanum**    **In Sediments**  
**1098**      **Values Above D.L.**

Lanthanum concentration - p.p.m.				
+ < 10.0	○ 17.0- 21.0	○ 30.0- 38.0	⊙ 62.0- 83.0	● 160.0- 289.0
x 10.0- 14.0	○ 21.0- 25.0	○ 38.0- 48.0	⊙ 83.0- 113.0	◆ 289.0- 487.0
○ 14.0- 17.0	○ 25.0- 30.0	⊙ 48.0- 62.0	⊙ 113.0- 160.0	★ > 487.0

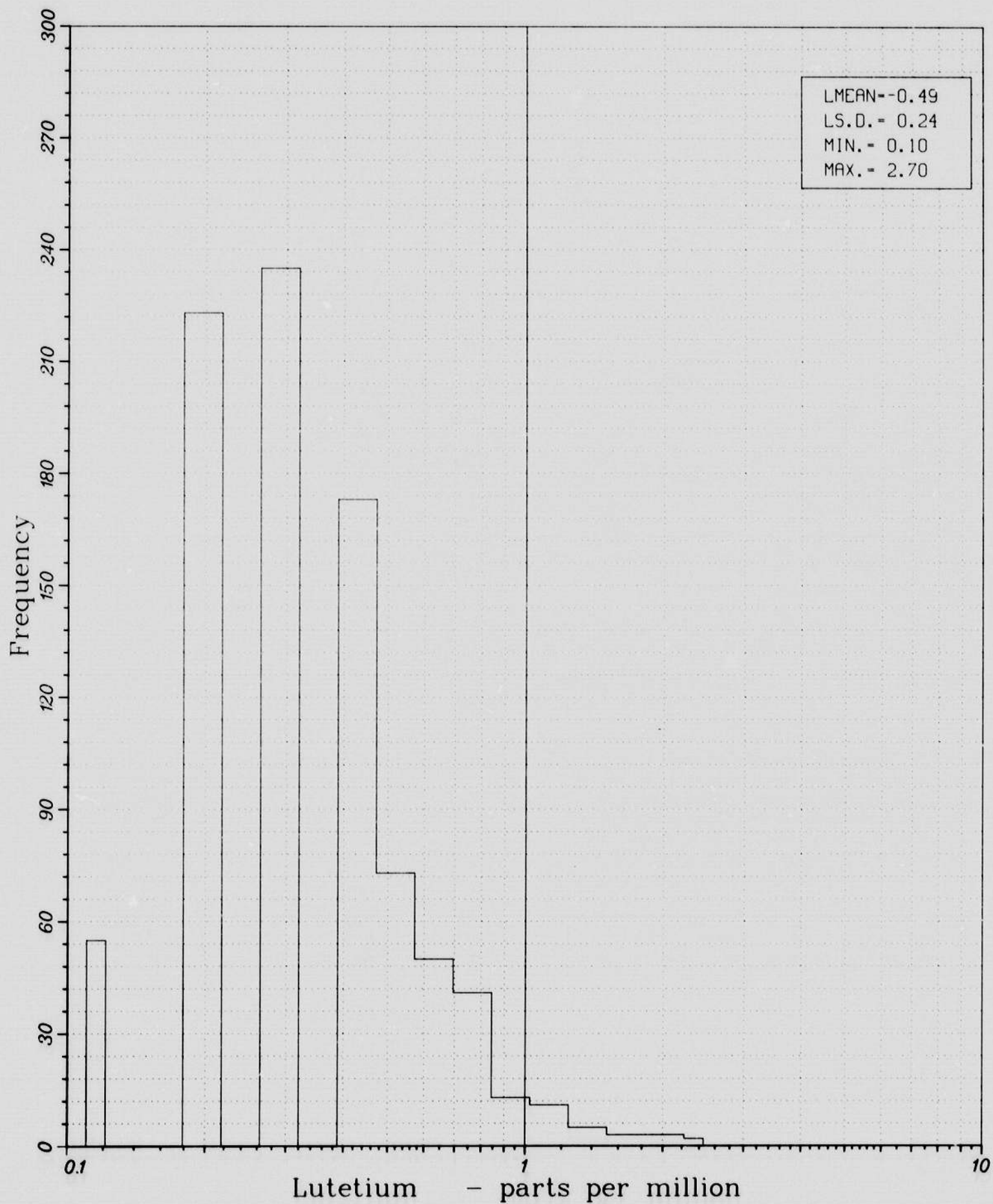




CHALLIS 1°x2° Sheet

Log Histogram Lutetium Values Surface Site

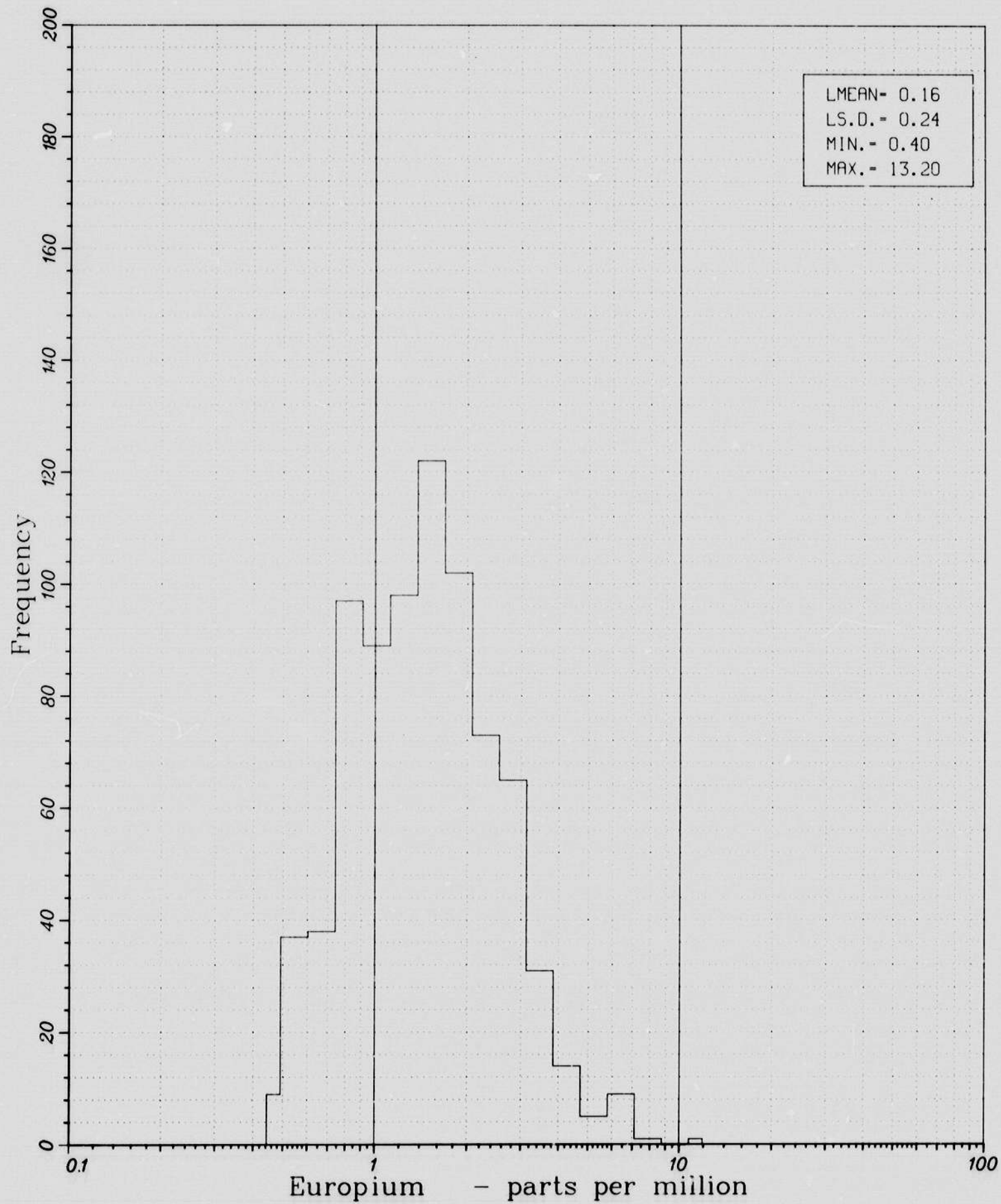
887 Values Above Detection Limits



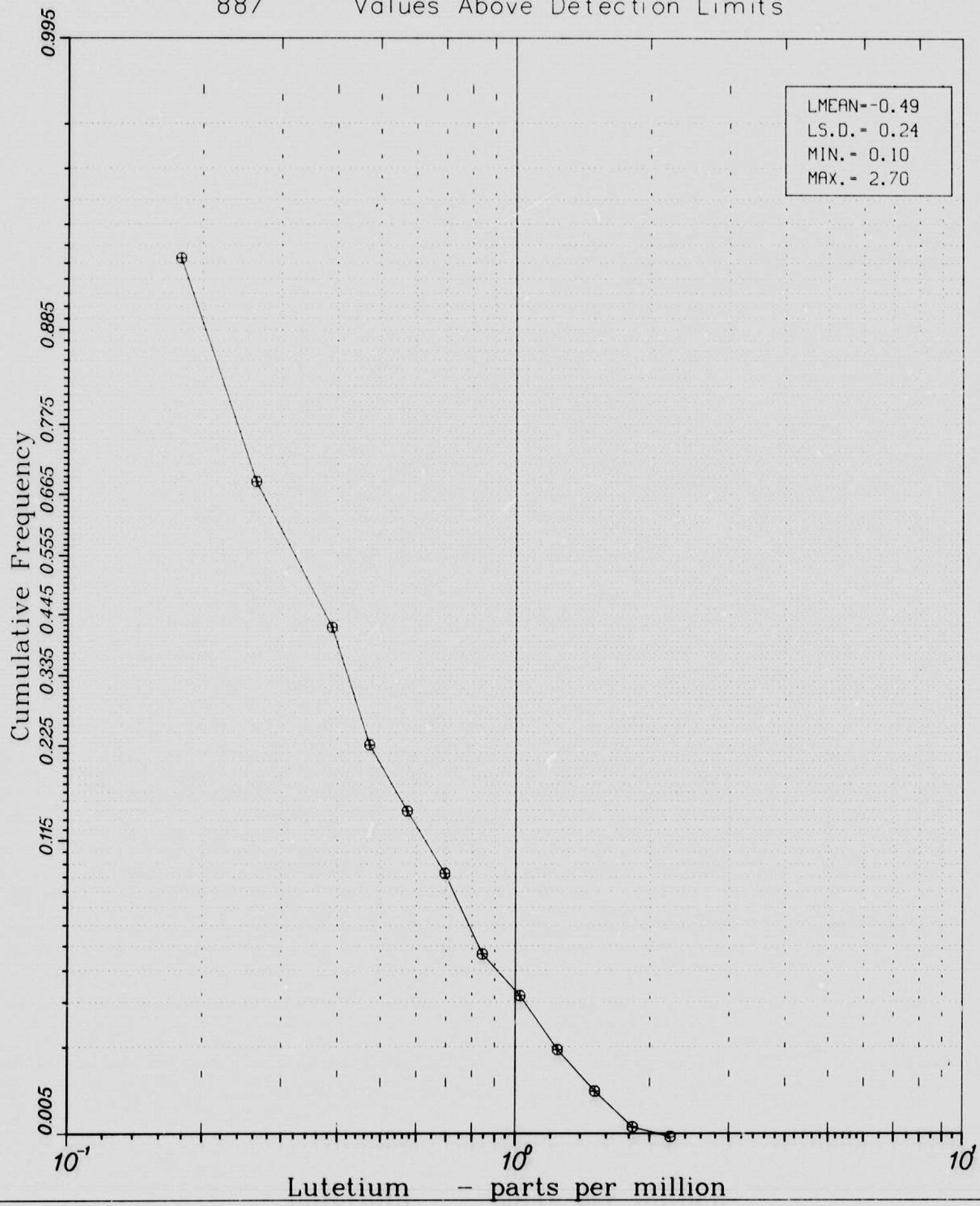
CHALLIS 1°x2° Sheet

Log Histogram Europium Values Surface Site

791 Values Above Detection Limits

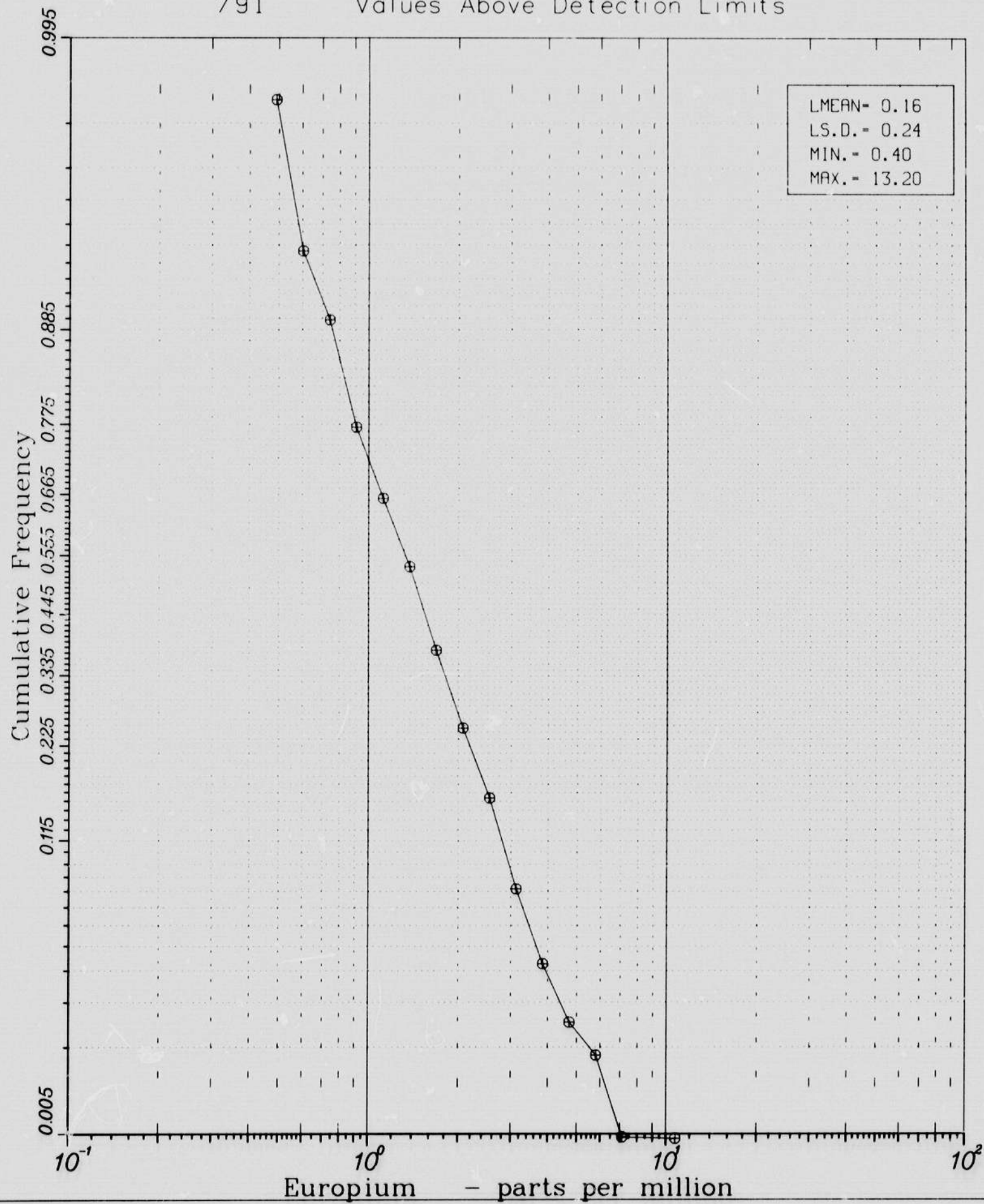


CHALLIS 1°x2° Sheet  
Log Cumulative Frequency Plot  
Lutetium Values - Surface Sites  
887 Values Above Detection Limits



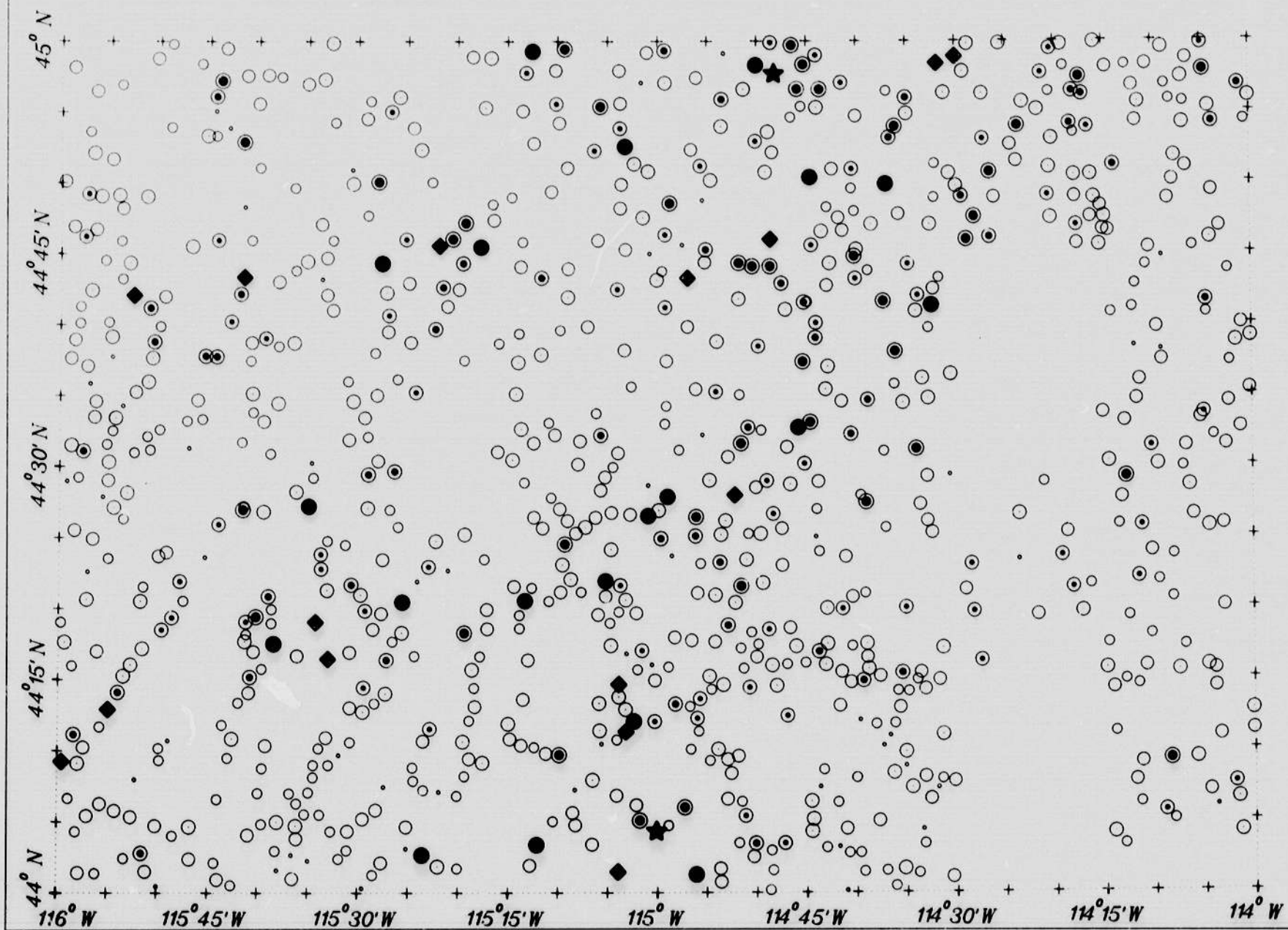


CHALLIS 1°x2° Sheet  
Log Cumulative Frequency Plot  
Europium Values - Surface Sites  
791 Values Above Detection Limits



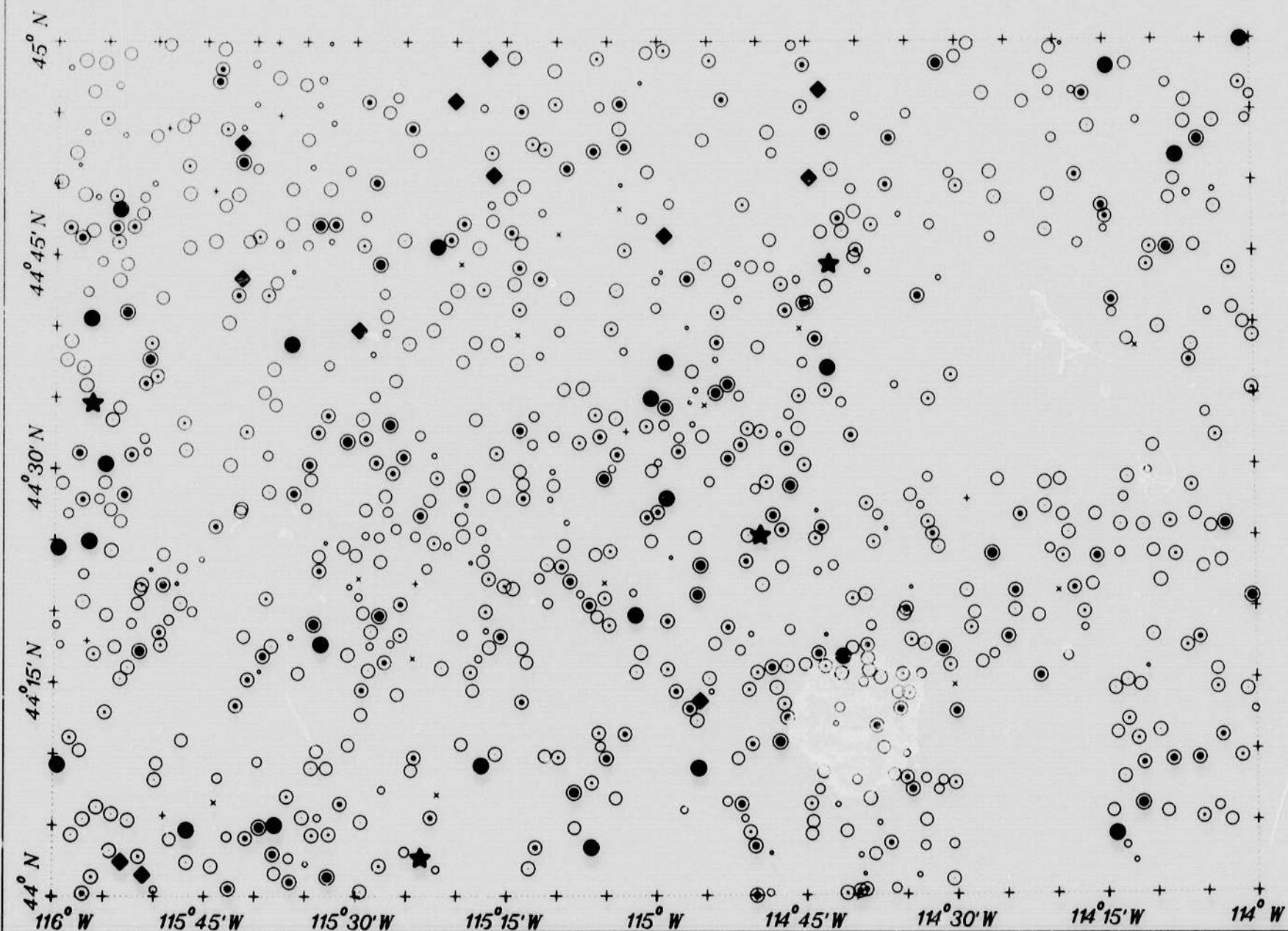
**CHALLIS** *1x2' Sheet*  
**Lutetium In Sediments**  
**887 Values Above D.L.**

Lutetium concentration - p.p.m.				
+ < 0.1	◦ 0.1- 0.2	○ 0.2- 0.3	⊙ 0.4- 0.5	● 0.8- 1.1
× 0.1- 0.1	◦ 0.2- 0.2	○ 0.3- 0.4	⊙ 0.5- 0.6	◆ 1.1- 2.2
◦ 0.1- 0.1	◦ 0.2- 0.2	⊙ 0.4- 0.4	⊙ 0.6- 0.8	★ > 2.2



**CHALLIS** *1x2' Sheet*  
**Europium In Sediments**  
 791 Values Above D.L.

Europium concentration - p.p.m.				
+ < 0.4	o 0.6- 0.7	○ 1.0- 1.3	⊙ 2.0- 2.5	● 3.5- 4.5
x 0.4- 0.5	o 0.7- 0.8	○ 1.3- 1.6	⊙ 2.5- 3.0	◆ 4.5- 6.1
• 0.5- 0.6	○ 0.8- 1.0	⊙ 1.6- 2.0	⊙ 3.0- 3.5	★ > 6.1

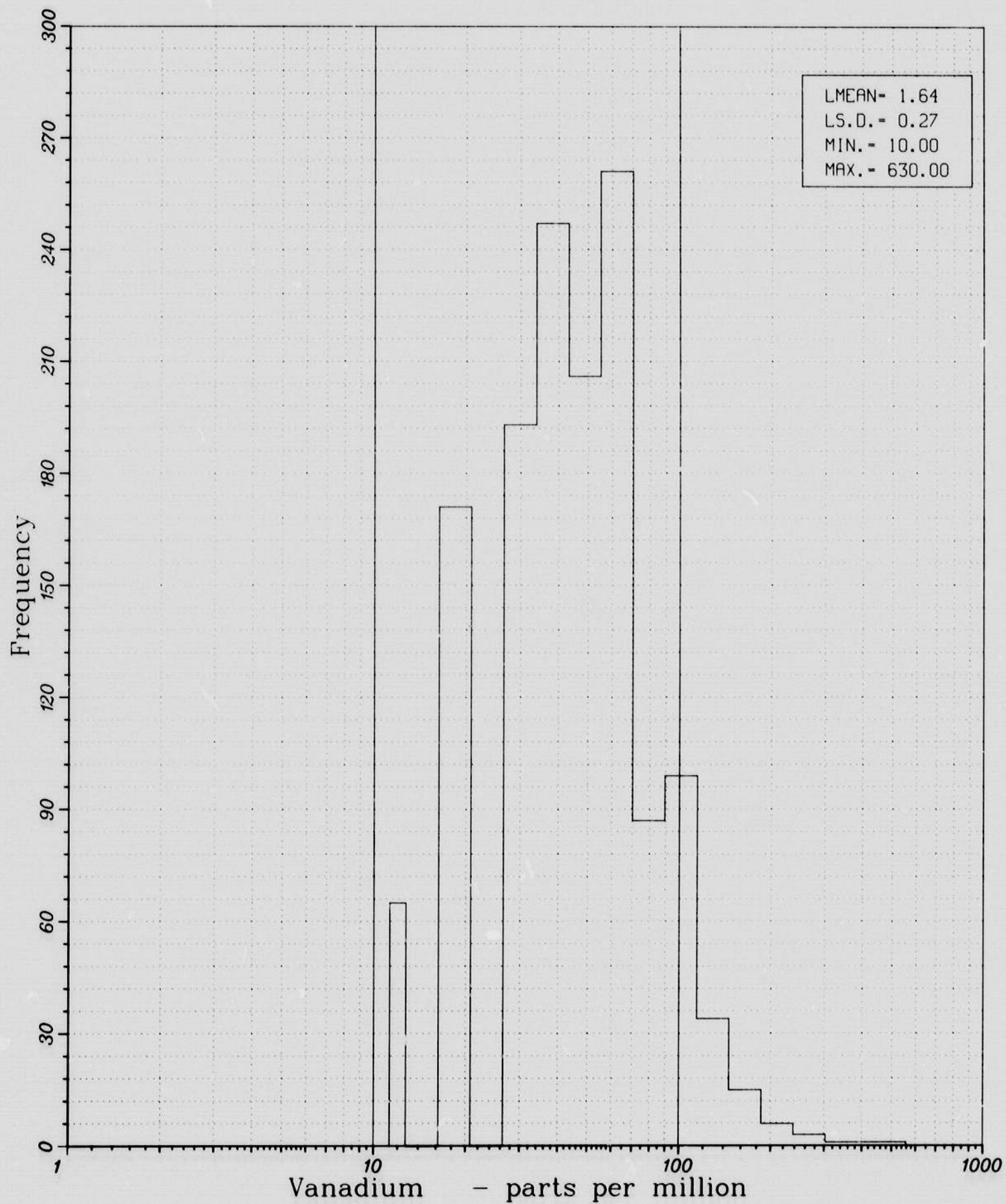




CHALLIS 1°x2° Sheet

Log Histogram Vanadium Values Surface Site

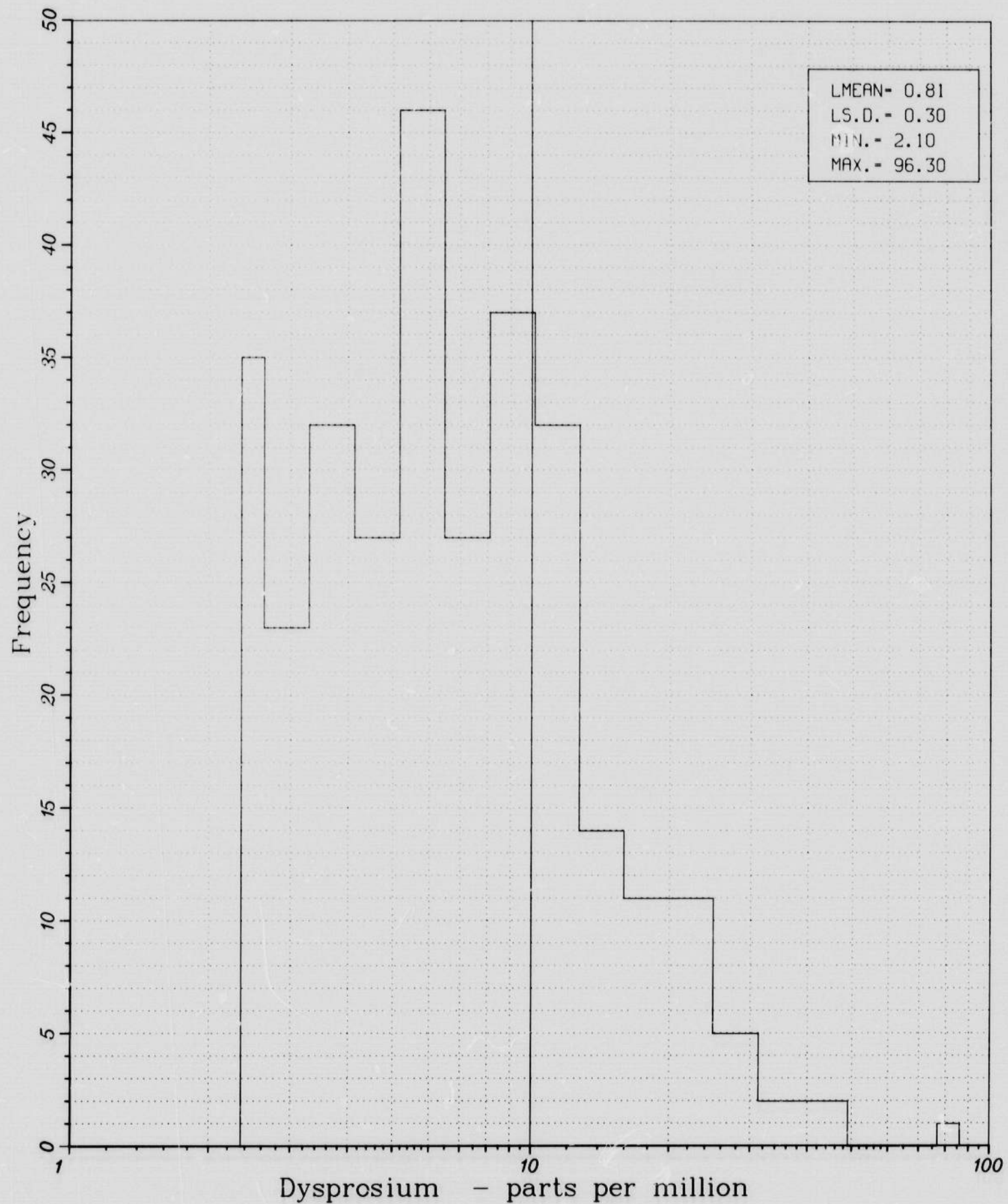
1390 Values Above Detection Limits



CHALLIS 1°x2° Sheet

Log Histogram Dysprosium Values Surface Site

305 Values Above Detection Limits



CHALLIS 1°x2° Sheet

Log Cumulative Frequency Plot

Vanadium Values - Surface Sites

1390 Values Above Detection Limits

