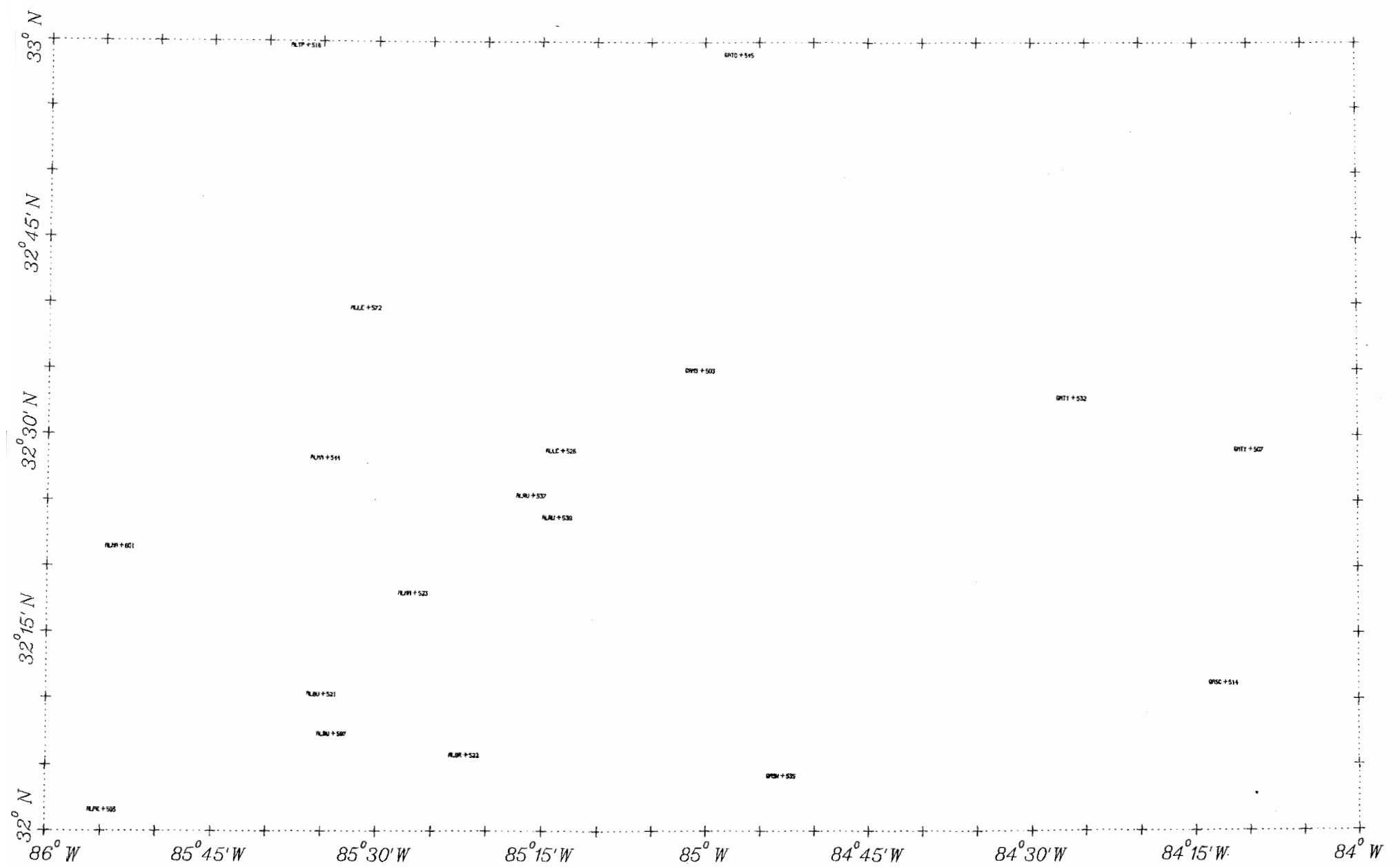




USER'S GUIDE TO SRL DATA REPORTS

ABSTRACT

This document provides a detailed description of Data Reports of the eastern quadrangles that have been prepared by Savannah River Laboratory (SRL) personnel for the National Uranium Resource Evaluation (NURE) program.

The Guide describes the following subjects:

- (1) Sample collection and field measurements;
- (2) Format, abbreviations, and codes used in data tables;
- (3) Graphical presentations and maps;
- (4) Quality assurance programs for sample collection and analysis.

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INTRODUCTION

This document provides a detailed description of Data Reports of the eastern quadrangles that have been prepared by Savannah River Laboratory (SRL) personnel for the National Uranium Resource Evaluation (NURE) Program. The format described herein is that established for Data Reports in mid-1978. The descriptions of tables and figures are general enough to be applied to future Data Reports. However, some minor changes in format were made as the program progressed.

SRL participation in the NURE Program is summarized in NURE-SRL progress reports (SRL-138).

SAMPLE COLLECTION AND FIELD MEASUREMENTS

Sampling personnel were trained by SRL staff members according to procedures in published SRL documents. In areas where both stream water and stream sediments were collected, the FIELD MANUAL FOR STREAM WATER AND SEDIMENT RECONNAISSANCE (Ferguson and others, 1977) was used. Where only stream sediment was collected from surface sites, the FIELD MANUAL FOR STREAM SEDIMENT RECONNAISSANCE (Ferguson and others, 1976a) was used. The FIELD MANUAL FOR GROUND WATER RECONNAISSANCE (Ferguson and others, 1976b) was used in all areas.

A minimum of five sediment sub-samples was composited from each stream site. Approximately 400 g of sediment passing a 420-micrometer screen (U.S. Std. 40 mesh) was collected at each site. Dissolved ions in individual water samples were concentrated on portions of ion exchange resin (GJBX-77(77)), which were analyzed. Special procedures not included in the original field manuals were employed in certain areas. For example, ground water samples from Coastal Plain areas were collected for analysis of helium and neon.

References 2 through 4 describe in detail the equipment and techniques (including criteria for site selection) for collecting samples and for making field measurements.

Nominal density for ground water and stream sampling in rural areas varies from 13 to 25 square kilometers (5 to 10 sq mi) per site, depending upon the geology of the area. In areas of crystalline rock, surface sampling is generally denser than ground water sampling. In areas of sedimentary rock, the converse is true. Areas thought to have relatively high uranium potential are sampled more densely than those thought to have lower potential.

Sampling site locations were marked precisely on compilation maps. The maps were returned to SRL for determination of geographic coordinates. An electronic digitizer (SRL-138) was used to measure and verify latitude and longitude for each site, and then these data were entered into the SRL-NURE data base. These data are considered reliable to three decimal places.

Each report includes a map of ground water site locations, if there are a significant number. On this map, well and spring sites are distinguished by the use of a "plus" (+) for wells and a circle (o) for wells. Print modes for the ground water sites are shown in figure 2 of this user's guide. Each report also includes a map of surface site locations, if there is a significant number of them. Print modes for the surface sites are shown in figure 1 of this user's guide.

DATA PRESENTATION

In each SRL Data Report, the reconnaissance data are presented in tables. Coordinates and the most important analytical data and field measurements are listed in these tables, accompanied by areal distribution figures of these measurements. Other field and analytical data are given in tables only. Statistical summaries for each element are given in figures on microfiche.

Detailed cumulative frequency plots are also included for the most important data, and show the relationship between cumulative frequency and standard deviation of all samples.

The following section presents a brief explanation of the columnar entries for tables and descriptions of histograms, cumulative frequency plots and areal symbol plots.

***** figure 1 *****

```
+-----+
| Print Modes |
|   for       |
| Surface Sites |
+-----+
| NCAS + 023  |
|             |
| + NCAS 023  |
|             |
| NCAS 023 +  |
|             |
| NCAS 023    |
|   +         |
|   +         |
| NCAS 023    |
|             |
| NCAS        |
|   +         |
|   023       |
+-----+
| +(site location) |
+-----+
```

figure 1. Print modes for Surface Sampling Site identifiers.

***** figure 2 *****

Print Modes for WELLS	Print Modes for SPRINGS
NCAS + 558	NCAS 0 558
+ NCAS 558	0 NCAS 558
NCAS 558 +	NCAS 558 0
+ NCAS 558	0 NCAS 558
NCAS + 558	NCAS 0 558
+(site location)	0(site location)

figure 2. Print modes for Ground Water Sampling Site identifiers.

I. Columnar Entries for Ground Water Data; table A-1

SRL Identification Number

Each SRL identification (ID) site code consists of seven characters. The first two characters give the state from which the sample was collected. Map name abbreviations are entered as characters 3 and 4; these usually represent counties. State and county codes used are listed in each report. Sites are numbered sequentially within each map unit (Characters 5, 6, and 7). Numbers begin with 501 in each map unit for ground water sites and generally are consecutive. Columns 8 and 9 represent the sample analyzed. An R means that ion exchange resin was analyzed for all elements reported except helium.

DOE Identification Number

Each sample is assigned a DOE ID number. The number consists of 28 positions as follows:

- 1-2 State (See Table 1 of this user's guide)
- 4-10 Latitude of the site
- 12-19 Longitude of the site
- 21 Laboratory code (4 = SRL)
- 23-24 Sample type (See Table 2 of this user's guide)
- 26-28 Replication code. Generally only original samples (-000) are reported in the Data Releases.

pH

Normally, the pH will be in the range of 4.0 to 9.5. Values far outside this range may suggest instrument malfunction or pollution. Missing data are indicated by "M".

COND

Conductivity, measured in micromhos/cm.

***** table 1 *****

STATE	CODE	STATE	CODE
-----	----	-----	----
Alabama.....	01	Nevada.....	32
Arizona.....	04	New Hampshire.....	33
Arkansas.....	05	New Jersey.....	34
California.....	06	New York.....	36
Connecticut.....	09	North Carolina.....	37
Delaware.....	10	Ohio.....	39
District of Columbia..	11	Oklahoma.....	40
Florida.....	12	Oregon.....	41
Georgia.....	13	Pennsylvania.....	42
Idaho.....	16	Rhode Island.....	44
Illinois.....	17	South Carolina.....	45
Indiana.....	18	Tennessee.....	46
Kentucky.....	21	Texas.....	48
Louisiana.....	22	Utah.....	49
Maine.....	23	Vermont.....	50
Maryland.....	24	Virginia.....	51
Massachusetts.....	25	Washington.....	53
Michigan.....	26	West Virginia.....	54
Mississippi.....	28		
Missouri.....	29		

table 1. State Codes used in DOE Identification Number.

***** table 2 *****

NUMBER	SAMPLE TYPE
-----	-----
50.....	Stream sediment from flowing stream, sieved <149 micrometers and dried <=110 degrees C.
51.....	Stream water, filtered through <=0.8 micrometer filter at the site.
52.....	Well water, filtered through <=0.8 micrometer filter at the site.
53.....	Spring water, filtered through <=0.8 micrometer filter at the site.
54.....	Lake water, filtered through <=0.8 micrometer filter at the site.
55.....	Lake sediment.
56.....	Glacial till.
57.....	Peat.
58-59.....	Spare numbers(*)
66-69.....	Spare numbers(*)
*: to be noted in individual reports as necessary.	

table 2. Sample Type Codes used in DOE Identification Number.
The 28-digit DOE ID for NURE samples contains two digits denoting the sample type.

AKMXD

Alkalinity as milliequivalents of sulfuric acid required per liter of sample (meq/L) to titrate to a pH of approximately 4.5 (bromocresol-green/methyl-red end point).

DPFH

Depth of the well in feet, if known. These data are generally provided by the householder. An estimate of the confidence in this number is given in table A-2. "U" indicates that the well depth is not known. Springs are coded as having a depth of 0 feet.

U

Uranium in ground water is determined by delayed neutron counting after concentrating the uranium on ion exchange resin. U is reported in parts per billion (ppb).

Values have been rounded to appropriate significant figures. Values for uranium are reported for all samples analyzed; however analyses <0.040 ppb exhibit a high coefficient of variation. Missing data are indicated by "M". Where all analytical data for a sample are missing, samples will generally be analyzed and reported in a supplementary report.

U/COND

Uranium concentration in ppb multiplied by 1000 and divided by conductivity is listed in this column. This variable approximates the ratio of uranium to total dissolved solids.

Helium

Helium is determined for selected quadrangles using a specially developed mass spectrometric procedure (SRL-138b). Where available, helium values are reported in cubic centimeters of helium per 1000 liters of air (cc He/1000L, i.e., ppm by volume). The measurement is made on a 2 cc air-gap above a 300 cc water sample. This method introduces an almost fixed 5.2 ppm helium background from air; thus, all samples analyzed are above the detection limit.

Other Key Elemental Analyses

Other elements analyzed were determined by neutron activation analysis (unless otherwise noted) and are listed alphabetically.

Concentrations are reported in ppb. Values below detection limit are implied by prefixing a minus (-). For example, -3 means that the sample contains less than 3 ppb of that element. If the background is so high that an accurate estimate of the minimum detection limit is not available, a period (.) is used to indicate not only that the element was not detected, but that the detection limit is unusually high for that sample. Missing data are indicated by "M". Where all analytical data for a sample are missing, sample will generally be analyzed and reported in a supplementary report.

II. Columnar Entries for Supplementary Ground Water Data; table A-2

SRL Identification Number

same as in Table A-1

Supplementart Elemental Analyses

Same format as Table A-1

SAMPDATE

The date of sampling (month/day/year). For example, 7/15/77 is July 15, 1977.

TEAM

This code identifies the personnel who performed the sampling and is used by SRL for quality assurance monitoring.

TEMP

The water temperature at the time of sampling is recorded in this column. The water temperature is recorded in degrees Celsius to the nearest whole degree.

WELSPR

A "W" in this column denotes a ground water sample taken from a well; and "S" denotes a sample taken from a flowing spring.

DEPTHCON

Confidence in the values of well depths is listed in this column. The possible entries are:

- 1 Certain
- 2 Probable
- 3 Possible
- 4 Educated Guess
- 5 Unknown

Any site with "U" listed in DPTH must have "5" listed for DEPTHCON.

AGE: AGECON

The ages of sampled wells are recorded to the nearest whole year. When only a minimum age is known, this value is recorded. A "U" means that the age of the well is unknown. Wells less than one year old are not sampled. The accuracy of the age determination is also entered. The possible entries are:

- 1 Certain
- 2 Probable
- 3 Possible
- 4 Educated Guess
- 5 Unknown

WELLTYPE

Sampled wells are classified by method of construction. The types listed are:

- 1 Drilled; denotes wells formed by rotary drills or augers.
- 2 Dug; denotes wells dug by manual or mechanical scooping equipment.
- 3 Drive ; denotes wells formed by vertical pile drivers.
- 4 Unknown.

WELLUSE

This column describes the primary use of water from the wells.

- 1 Human, drinking quality
- 2 Animal, drinking quality
- 3 Irrigation
- 4 All other purposes

WELLFREQ

This column lists the frequency of use of sampled wells. The entries and their meanings are:

- 1 Continuous; more than once per day
- 2 Once per day
- 3 Once per week
- 4 Once per month
- 5 Less than once per month
- 6 Not in use

Wells used less frequently than once a week are generally not sampled.

WELLODOR

Odors in well water are noted. The entries in this column and their meanings are:

- 1 No odor
- 2 weak H₂S odor (hydrogen sulfide)
- 3 Strong H₂S odor
- 4 Other

PIPECOMP

The major materials used in pipes are listed in this column. The entries and their meanings are:

- 1 Galvanized
- 2 Copper
- 3 Plastic
- 4 Steel
- 5 Lead
- 6 Unknown
- 7 Others

WELLOC

The positions at which samples are taken are listed in this column. The positions listed are relative positions in plumbing systems. The entries and their meanings are:

- 1 Immediately after storage tank
- 2 From pipe before storage tank
- 3 Direct from pump
- 4 Direct from well or spring
- 5 From municipal system
- 6 Unknown
- 7 Other

WELCLASS

Sampled wells are classified by use. The classes of wells recognized here are:

- 1 Private (less than 3 families)
- 2 Semiprivate (used by three to 10 families)
- 3 Public (used by more than 10 families)

- 4 Industrial
- 5 Commercial
- 6 Recreational
- 7 Agricultural
- 8 Unknown

III. Columnar Entries for Sediment Data; table B-1

SRL Identification number

Each SRL identification (ID) site code consists of seven characters. The first two characters give the 1 x 2 degree NTMS quadrangle in which the sample was collected. Map codes are entered as Characters 3 and 4; these usually represent counties. Codes used are listed in each report. Sites are numbered sequentially within each map unit (Characters 5, 6, and 7). Numbers begin with 001 in each map unit for stream sites and are generally consecutive. Columns 8 and 9 represent the sample analyzed. In most reports, the S1 fraction (finer than 149 micrometers (U.S. Std. 100 mesh)) was analyzed. S0 and S2 mean that coarser (420 micrometers to 1000 micrometers) or finer (<149 micrometers) fractions, respectively, were analyzed. Specific fractions will be identified in individual reports as necessary.

DOE Identification Number

Each sample is assigned a 28-character DOE ID number as described for Table A-1.

pH, COND, UM/CM, AKMXD, MEQ/L

Same format as Table A-1.

Key Elemental Analyses

The first three elements are listed in order of importance; other key elements are listed alphabetically.

Concentrations of each element (in ppm) are determined by neutron activation analysis (unless otherwise noted). Values have been rounded to appropriate significant figures. Note that the elemental (not oxide) concentration is quoted in this table. Values below detection limit are indicated by a minus (-). For example, -3 means that the sample contains less than 3 ppm of that element. If background limit is not available, a period (.) is used to indicate not only that the element was not detected, but that the detection limit is unusually high for that sample. Missing data are indicated by "M". Where all analytical data for a sample are missing, samples will generally be analyzed and re-reported in a supplementary report.

IV. Columnar Entries for Supplementary Sediment Data; tables B-2 and B-3

SRL Identification Number

Same as in Table B-1.

Supplementary Elemental Analyses

Same format as Table B-1.

SAMPDATE

The date of sampling, month/day/year. For example, 7/15/79 is July 15, 1979.

TEAM

This code identifies the personnel who performed the sampling and is used by SRL for quality assurance monitoring.

SEDTYPE, etc.

This and following columns contain codes describing the sample site characteristics. As an example, a SEDTYPE of 1 means that the stream bottom at the sampling point is mostly boulders. Details of the descriptors and acceptable values follow.

The sediment descriptors SEDTYPE and SEDCOLOR reflect the nature of the loose sediment at the sampled site.

SEDTYPE	SEDCOLOR
1 Boulder	1 White/Buff
2 Cobble	2 Yellow
3 Pebble	3 Orange
4 Sand	4 Pink/Red
5 Silt	5 Green
6 Clay	6 Brown
7 Organic muck	7 Gray
8 Other	8 Black
	9 Other

STMWIDTH and STMDEPTH

An estimate of the AVERAGE width and depth of the stream over the 100 to 200 feet of stream length where the sample was taken.

1 <1/2 ft	6 8 -16 ft
2 1/2 - 1 ft	7 16-32 ft
3 1 - 2 ft	8 >32 ft
4 2 - 4 ft	9 Dry
5 4 - 8 ft	

The water description provides an indication of the general condition of the water at the time of sampling. STMFLOW indicates the rate of flow using the listed descriptors at the sampled location (i.e., if a stream is sampled in rapids, the 4 (Fast) or 5 (Torrent) may apply; but if the same stream were sampled above or below the rapids, the 2 (Slow) or 3 (Moderate) descriptors would be more accurate). STMLEVEL describes the water level relative to its apparent normal level. STMCOLOR reflects the amount and type of dissolved or suspended load in the water on the basis of color and clarity. If a large amount of algae is suspended in the water, 5 (Algal) is entered. If the water is transparent, but has definite brown or black matter present, then 2 (Transparent Brown) is entered.

STMFLOW	STMLEVEL	STMCOLOR
1 Stagnant	1 Dry	1 Clear
2 Slow	2 Low	2 Transparent Brown
3 Moderate	3 Normal	3 Cloudy
4 Fast	4 High	4 Muddy
5 Torrent	5 Flood	5 Algal
6 Dry		6 Other

A steeply inclined stream channel with rapidly moving water is usually eroding, but a shallow sloping slow-moving stream is usually depositing. Thus, young streams are usually coded 2 and mature streams are coded 1.

STMCHANL

- 1 Depositing
- 2 Eroding
- 3 Unknown

The following descriptors show the amount and type of plant growth in the immediate area of the sample location. The density is a subjective observation made in relation to visibility, ease of access, etc. The type of vegetation reflects the dominant plant type at or near the sample location. All evergreens are broadly classed as conifers, including both trees and shrubs. All trees and shrubs that lose their leaves seasonally are called deciduous plants, and include cottonwoods, maples, oaks, hickory, and others. All relatively low-growing plants, deciduous or not, are called brush. All grasses are grouped together, whether wild or cultivated (alfalfa, pasture, wheat, oats, etc.).

VEGTYPE

VEGDENS

- | | |
|-----------------|--------------|
| 1 Conifer | 1 Barren |
| 2 Deciduous | 2 Sparse |
| 3 Brush | 3 Moderate |
| 4 Grass/Pasture | 4 Dense |
| 5 Marsh/Swamp | 5 Very Dense |
| 6 Peat Bog | |
| 7 Other | |

RELIEF is an indicator of local surface expression. The area included around a sample location will usually not exceed a few hundred yards in mountainous terrains, but may exceed up to 1/2 mile in relatively flat areas.

RELIEF

- 1 Flat
- 2 Low, 0 to 50 ft
- 3 Gentle, 50 to 200 ft
- 4 Moderate, 200 to 1000 ft
- 5 High, >1000 ft

WEATHER

The weather entry is a general indicator of the prevalent conditions at the time of sampling.

- 1 Sunny/Clear
- 2 Overcast
- 3 Light Rain
- 4 Heavy Rain
- 5 Snowy
- 6 Other

COMPOSIT

COMPOSIT refers to the number of subsamples taken at each site that are composited to give the sieved sample for that site.

CONTAMN

The activities/contaminants columns indicate those nearby activities which may influence the analytical results. It is a very important entry. The most significant source of contamination is shown in CONTAMN4. A less significant source is shown in CONTAMN3, if considered important. CONTAMN2 and CONTAMN1 are filled in with similar reasoning, in descending order of significance.

CONTAMN1	1 Chemical	7 Power Generation
CONTAMN2	2 Smelting	8 Urban
CONTAMN3	3 Mining	9 Other Industrial
CONTAMN4	4 Sewage	A Recreational
	5 Dumps	B Residential
	6 Farming	

WATERTEM

The water temperature, taken at the time of sampling, is coded under WATERTEM. The water temperature is recorded in degrees Celsius to the nearest whole degree.

V. Columnar Entries for Stream Water Data; table C-1

All stream water data collected is presented in table C-1. Some water quality measurements are included in table B-1, as well.

SRL Identification Number

Each SRL identifier consists of seven characters, as described for table B-1. Columns 8 and 9 show what kind of sample was analyzed; for surface water samples, an R in column 8 means that an ion exchange resin was analyzed.

DOE Identification Number

Same as table A-1.

pH, COND, UM/CM, AKMXD, MEQ/L

Same format as table A-1.

U, U/COND, Other Elemental Analyses

Same format as table A-1.

VI. Graphical Data and Maps

Histograms, cumulative frequency, and areal distribution figures of all measurements in tables A-1, B-1, and C-1 are included in each report. However, if there is insufficient data for a meaningful regional interpretation some figures may not be included. The symbols for the areal distribution plots are derived from the statistical distribution of the measurements within the quadrangle being reported. Symbols are chosen on the basis of statistical distribution rather than absolute values to permit convenient comparison of elements with widely differing concentration ranges. For example, given that Hf ranges between 3 and 9 ppm, with 15% of the observations in the 3 to 3.5 ppm range, and Fe ranges between 10000 and 100000 ppm, with 15% of the observations in the 10000 to 20000 range; if Hf=3.2 and Fe=11000 the same symbol is used for both areal distribution plots and shows the interpreter the similarities in the relative magnitudes in the plotted values. On the other hand, a set of symbols that was rigidly fixed by magnitude would require the use of a large number of symbols and would also require the use of two different symbols in the example given, making the similarities of the observations unclear.

QUALITY ASSURANCE FOR SAMPLE COLLECTION

Three to ten percent of the sampled sites were routinely checked by SRL personnel or by a separate subcontractor to assure that the reported field locations were accurate. Based on these quality assurance checks, the vast majority of sampled sites were judged to be located as accurately as they could be plotted on available maps. Most sites that were mapped incorrectly were within 300 meters of their correct locations. Any pertinent details about mapping errors are given in each Data Report. No systematic errors have been found; thus, the goals of a regional reconnaissance have not been compromised by mapping errors. Details of the quality assurance program are given in NURE-SRL progress reports (SRL-138).

Field measurements were checked for approximately 2% of the sites. Where important variations occurred, the sampling subcontractor was required to repeat measurements for the area in question. Only the corrected values are reported. If significant, questionable data are discussed in individual reports.

REFERENCES FOR USER'S GUIDE

Ferguson, R. B., Price, V., and Baucom, E. I., 1976a, Field Manual for Stream Sediment Reconnaissance: SRL Document DPST-76-358, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, South Carolina. DOE-GJ Document No. GJBX-26(77).*

Ferguson, R. B., Price, V., and Baucom, E. I., 1976b, Field Manual for Ground Water Reconnaissance: SRL Document DPST-76-416, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, South Carolina. DOE-GJ Document No. GJBX-30(77).*

Ferguson, R. B., Price, V., and Baucom, E. I., 1977, Field Manual for Stream Water and Sediment Reconnaissance: SRL Document DPST-77-363, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, South Carolina. DOE-GJ Document No. GJBX-80(77).*

GJBX-77(77), Proceeding of Symposium on Hydrogeochemical and Stream Sediment Reconnaissance for Uranium in the United States, Grand Junction, Colorado, March 16 and 17, 1977: DOE-GJO Document No. GJBX-77(77).*

SRL-138, NURE-SRL Progress Reports:

1. Savannah River Laboratory Quarterly Reports; Hydrogeochemical and Stream Sediment Reconnaissance - Eastern United States; National Uranium Resource Evaluation Program: E. I. du Pont de Nemours & Co., Inc., Savannah River Laboratory, Aiken, South Carolina.

no.	Quarter	SRL Document No.	DOE-GJO Document No.*
1	January-March 1975	DPST-75-138-1	GJBX-5(76)
2	April-June 1975	DPST-75-138-2	GJBX-6(76)
3	July-September 1975	DPST-75-138-3	GJBX-7(76)
4	October-December 1975	DPST-75-138-4	GJBX-8(76)
5	January-March 1976	DPST-76-138-1	GJBX-17(76)
6	April-June 1976	DPST-76-138-2	GJBX-27(76)
7	July-September 1976	DPST-76-138-3	GJBX-33(76)
8	October-December 1976	DPST-76-138-4	GJBX-6(77)
9	January-March 1977	DPST-77-138-1	GJBX-35(77)
10	April-June 1977	DPST-77-138-2	GJBX-55(77)
11	July-September 1977	DPST-77-138-3	GJBX-90(77)
12	October-December 1977	DPST-77-138-4	GJBX-37(78)
13	January-March 1978	DPST-78-138-1	GJBX-66(78)

2. Savannah River Laboratory Semiannual Reports; Hydrogeochemical and Stream Sediment Reconnaissance - Eastern United States; National Uranium Resource Evaluation Program; E. I. du Pont de Nemours & Co., Savannah River Laboratory Aiken, South Carolina.

no.	Period	SRL Document No.	Document No.*
---	-----	-----	-----
1	April-September 1978	DPST-78-138-2	GJBX-13(79)
2	October-March 1979	DPST-79-138-1	GJBX-XX(79)
3	April-September 1979	DPST-79-138-2	GJBX-160(79)

3. Savannah River Laboratory Semiannual Reports; Hydrogeochemical and Stream Sediment Reconnaissance; National Uranium Resource Evaluation Program; E. I. du Pont de Nemours & Co., Inc., Savannah River Laboratory, Aiken, South Carolina.

no.	Period	SRL Document No.	Document No.*
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a	October 1978-March 1978	DPST-79-138-1	GJBX-86(79)
b	April-September 1979	DPST-79-138-2	GJBX-13(79)

* DOE-GJO reports are available on microfiche from the Grand Junction Office, DOE, for \$6.00. Prepaid orders should be sent to: Bendix Field Engineering Corporation, Technical Library, P. O. Box 1569, Grand Junction, Colorado 81501. Checks or money orders should be made out to Bendix Field Engineering Corporation, the operating contractor for DOE's Grand Junction Office.

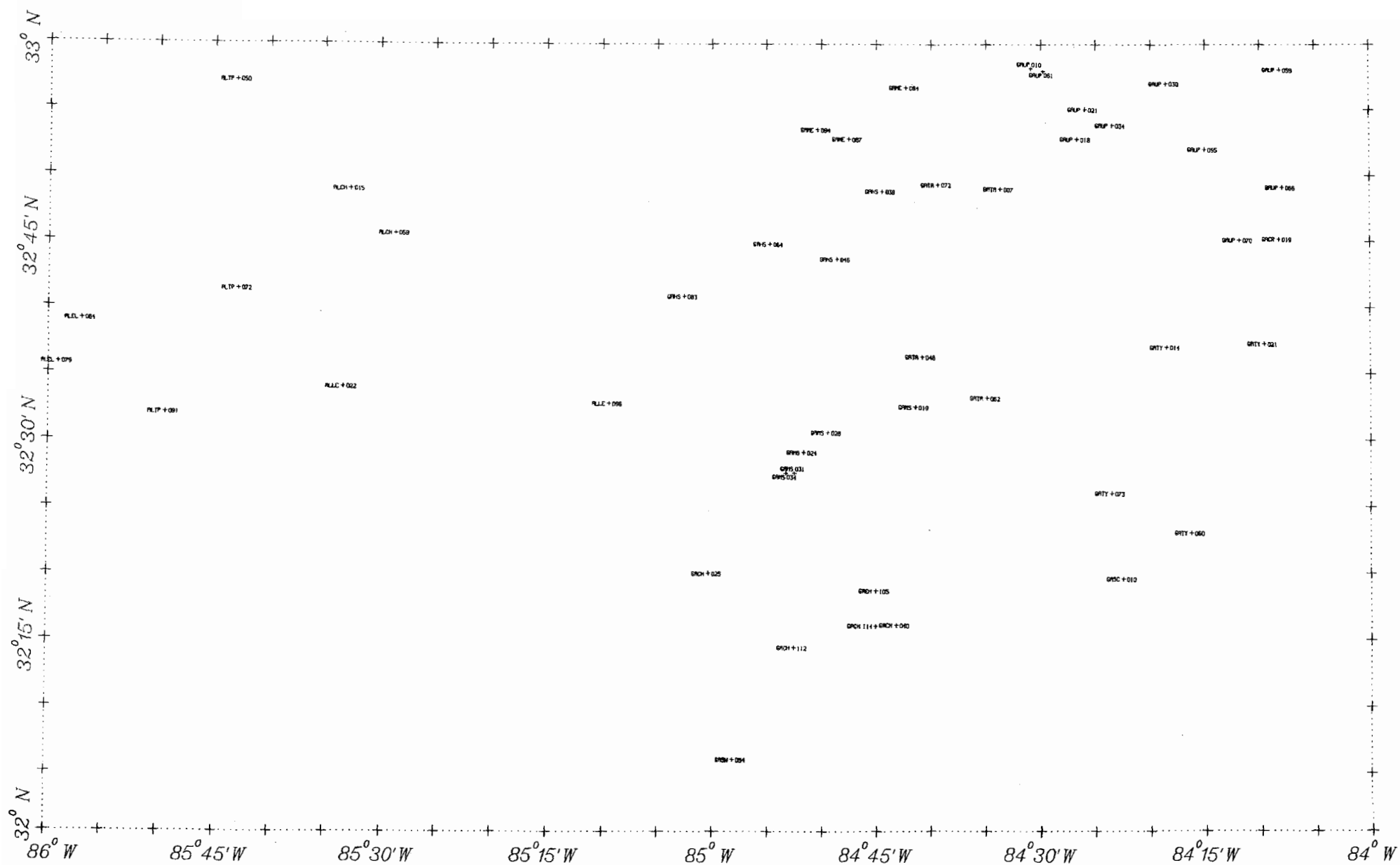


TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 1
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GACH501R	13-32.3098-84.9410-4-52-000	8.4	100	1.00	0.029	.	-37.0	4600	171	M	21.0	9540	-0.2	0.29
GACH502R	13-32.3084-84.8975-4-52-000	8.5	128	1.00	-0.006	.	-19.0	3400	88	M	26.0	8450	-0.2	M
GACH503R	13-32.3641-84.6775-4-52-000	7.3	130	1.30	0.008	.	-23.0	5700	74	M	75.0	2540	.	0.06
GACH504R	13-32.3170-84.7892-4-52-000	6.9	110	0.90	M	.	-10.0	4700	-25	M	86.0	2450	.	M
GACH505R	13-32.3126-84.7384-4-52-000	6.8	158	1.30	-0.006	.	-10.0	-3000	-25	M	.	-100	-0.2	M
GACH506R	13-32.3138-84.7056-4-53-000	5.7	22	0.02	0.046	.	28.0	4700	103	M	54.0	1630	0.2	2.09
GACH507R	13-32.2640-84.6686-4-53-000	5.2	79	0.04	0.024	.	22.0	4800	-25	M	15.0	1350	-0.2	0.30
GACH508R	13-32.2651-84.7398-4-52-000	5.2	30	0.02	0.026	.	16.0	9100	-25	M	28.0	3930	-0.2	0.87
GACH509R	13-32.2460-84.7945-4-52-000	6.8	100	0.60	0.097	.	16.0	3700	-25	M	31.0	-100	0.5	0.97
GACR501R	13-32.7565-84.1397-4-52-000	6.2	310	0.85	0.067	.	-10.0	-3000	M	M	-10.0	-100	-0.2	0.22
GACR502R	13-32.7408-84.0654-4-52-000	6.0	310	1.00	2.016	.	73.0	30000	-25	M	196.0	22660	-0.2	6.50
GACR503R	13-32.7628-84.0221-4-52-000	6.4	308	0.16	-0.006	.	.	.	.	M	.	.	-0.2	M
GACR504R	13-32.7758-84.0917-4-52-000	6.3	202	0.40	0.068	.	-10.0	31600	-25	M	-10.0	29710	2.3	0.34
GACR505R	13-32.8330-84.0726-4-52-000	6.4	90	0.60	0.014	.	59.0	5800	172	M	-10.0	10310	M	0.16
GACR506R	13-32.8043-84.0465-4-52-000	6.1	186	0.35	0.015	.	72.0	38300	.	M	26.0	20590	-0.4	0.08
GACR507R	13-32.8288-84.0023-4-52-000	6.1	88	0.60	-0.006	.	-10.0	5300	153	M	25.0	9240	1.3	M
GACR513R	13-32.7095-84.0251-4-52-000	5.8	70	0.14	0.043	.	-10.0	8400	-25	M	73.0	8220	-0.3	0.61
GACR514R	13-32.6906-84.0657-4-52-000	5.8	30	0.10	0.033	.	-31.0	11700	-35	M	64.0	8670	-0.3	1.10
GACR515R	13-32.7214-84.1199-4-52-000	6.4	710	3.95	9.256	.	-35.0	64600	.	M	311.0	45940	4.2	13.04
GACR516R	13-32.7027-84.1631-4-52-000	7.7	690	3.05	1.082	.	11974	72500	496	M	342.0	42740	0.6	1.57
GACR526R	13-32.6745-84.0052-4-52-000	5.8	160	0.40	0.057	.	65.0	-3000	-25	M	40.0	4740	0.2	0.36
GACR529R	13-32.5673-84.0000-4-52-000	5.5	30	0.04	0.037	.	-10.0	4800	-25	M	147.0	11610	-0.2	1.23
GACR531R	13-32.6557-84.0466-4-52-000	5.3	79	0.10	-0.006	.	-14.0	8300	-28	M	159.0	14360	-0.3	M
GAHS501R	13-32.8380-84.9374-4-52-000	6.7	73	0.35	M	.	32.0	9600	-31	M	28.0	3270	M	M
GAHS502R	13-32.8058-84.9123-4-52-000	5.7	35	0.06	0.044	.	-10.0	5300	-25	M	23.0	2130	.	1.26
GAHS503R	13-32.7724-84.8828-4-52-000	6.3	36	0.16	-0.006	.	12.0	4000	-25	M	18.0	1530	0.2	M
GAHS504R	13-32.7497-84.9275-4-53-000	6.5	30	0.12	-0.006	.	-19.0	3500	-25	M	17.0	1250	.	M
GAHS505R	13-32.7483-85.0052-4-52-000	6.6	68	0.40	0.074	.	15.0	4400	65	M	15.0	2550	.	1.09
GAHS506R	13-32.7453-85.0805-4-52-000	6.9	38	0.22	-0.006	.	10.0	4000	25	M	15.0	1810	.	M
GAHS507R	13-32.7056-85.0769-4-53-000	6.4	35	0.18	-0.006	.	-10.0	4300	-25	M	-10.0	980	0.2	M
GAHS508R	13-32.6757-85.0586-4-53-000	5.9	39	0.14	M	.	-10.0	5500	-25	M	25.0	3230	.	M
GAHS509R	13-32.7222-85.0238-4-52-000	6.3	120	0.60	0.013	.	-10.0	16400	-33	M	35.0	8310	.	0.11
GAHS510R	13-32.7768-85.0225-4-52-000	7.0	95	0.55	-0.006	.	-10.0	3100	87	M	54.0	6260	-0.3	M
GAHS511R	13-32.8125-85.0233-4-52-000	5.3	133	0.05	-0.006	.	-35.0	31900	-48	M	114.0	15890	-0.3	M
GAHS512R	13-32.8467-85.0346-4-52-000	6.6	78	0.60	-0.006	.	-20.0	4500	-25	M	25.0	3680	0.3	M
GAHS513R	13-32.8488-85.0979-4-52-000	6.4	27	0.12	-0.006	.	15.0	5100	-25	M	31.0	3840	.	M
GAHS514R	13-32.8572-85.1390-4-53-000	5.5	12	0.06	-0.006	.	-10.0	4000	-25	M	26.0	3300	-0.2	M
GAHS515R	13-32.8137-85.1025-4-52-000	6.3	62	0.30	-0.006	.	-10.0	9600	-28	M	33.0	4560	M	M
GAHS516R	13-32.7757-85.0854-4-52-000	6.4	78	0.45	-0.006	.	-27.0	7100	-25	M	49.0	6670	-0.3	M
GAHS517R	13-32.8038-85.0607-4-52-000	6.7	56	0.40	-0.006	.	-22.0	5400	-25	M	29.0	3800	.	M
GAHS518R	13-32.8444-84.9858-4-52-000	7.3	179	1.05	-0.006	.	-10.0	11400	-27	M	53.0	7580	0.4	M
GAHS519R	13-32.7980-84.9588-4-52-000	7.3	148	0.70	-0.006	.	-10.0	10900	-33	M	101.0	4130	-0.4	M
GAHS520R	13-32.7196-84.9741-4-52-000	7.5	73	0.50	0.010	.	-19.0	3900	-25	M	25.0	3340	-0.2	0.14
GAHS521R	13-32.6348-85.0448-4-52-000	7.0	300	1.50	0.036	.	370.0	39000	.	M	307.0	13750	-0.3	0.12
GAHS522R	13-32.6477-84.9947-4-52-000	7.8	230	1.95	0.012	.	-26.0	4800	90	M	109.0	9620	-0.2	0.05
GAHS523R	13-32.6663-84.9609-4-52-000	7.6	100	0.80	0.048	.	-10.0	4700	77	M	37.0	7660	0.9	0.48
GAHS524R	13-32.6752-84.9078-4-52-000	7.0	68	0.45	-0.006	.	-20.0	3800	37	M	31.0	5990	1.1	M
GAHS525R	13-32.7024-84.8959-4-52-000	7.0	153	1.00	0.026	.	-10.0	11200	-27	M	-10.0	5380	4.7	0.17
GAHS526R	13-32.7313-84.8729-4-52-000	6.8	88	0.55	0.058	.	13.0	3900	40	M	37.0	5610	0.8	0.66
GAHS527R	13-32.8486-84.8920-4-52-000	6.1	58	0.20	-0.006	.	29.0	11800	-32	M	46.0	5930	M	M
GAHS528R	13-32.8520-84.8240-4-52-000	6.7	95	0.70	-0.006	.	15.0	5600	-25	M	37.0	4360	-0.3	M
GAHS529R	13-32.7986-84.8658-4-52-000	6.3	40	0.20	-0.006	.	-20.0	5900	-25	M	26.0	3690	0.2	M
GAHS530R	13-32.6771-84.8597-4-52-000	6.7	120	0.75	-0.006	.	-49.0	9800	-29	M	34.0	6230	M	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 2
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GAHS531R	13-32.6438-84.8794-4-52-000	6.5	100	1.00	5.152	.	-34.0	11400	-27	M	32.0	7490	0.3	51.52
GAHS532R	13-32.6310-84.9188-4-52-000	6.4	78	0.55	-0.006	.	13.0	4400	-25	M	34.0	5270	0.4	M
GAHS533R	13-32.6164-84.8522-4-52-000	5.9	315	0.40	0.076	.	-10.0	70800	-33	M	-10.0	34950	1.1	0.24
GAHS534R	13-32.6326-84.8021-4-52-000	6.6	51	0.45	-0.006	.	-20.0	4500	-25	M	29.0	5110	0.4	M
GAHS535R	13-32.6315-84.7435-4-52-000	7.0	172	1.20	0.021	.	-35.0	5600	-25	M	19.0	5760	2.2	0.12
GAHS536R	13-32.6693-84.7215-4-52-000	6.2	87	0.50	-0.006	.	16.0	6700	-25	M	19.0	4420	0.9	M
GAHS537R	13-32.6665-84.7997-4-52-000	6.6	150	1.15	-0.006	.	-10.0	4700	-25	M	97.0	6790	-0.2	M
GAHS538R	13-32.7021-84.8195-4-52-000	7.3	221	1.75	0.055	.	-41.0	6500	-25	M	20.0	6480	1.3	0.25
GAHS539R	13-32.7336-84.7962-4-52-000	7.1	109	0.45	-0.006	.	10.0	8900	-27	M	21.0	5290	0.5	M
GAHS540R	13-32.7883-84.8079-4-52-000	6.2	28	0.08	M	.	18.0	4400	-25	M	21.0	2480	.	M
GAHS541R	13-32.8047-84.7706-4-52-000	6.2	43	0.18	M	.	-21.0	3900	-25	M	23.0	2460	.	M
GAHS542R	13-32.7571-84.8408-4-52-000	5.7	21	0.08	M	.	-10.0	4500	-25	M	21.0	2030	.	M
GAHS543R	13-32.7492-84.7345-4-52-000	8.1	160	0.95	0.171	.	-21.0	5300	225	M	18.0	10220	.	1.07
GAHS544R	13-32.7214-84.7255-4-52-000	6.9	44	0.22	-0.006	.	12.0	3400	-25	M	19.0	3650	0.4	M
GAHS545R	13-32.8161-84.7297-4-52-000	6.6	41	0.20	0.009	.	-14.0	3500	-25	M	18.0	1700	.	0.22
GAHS546R	13-32.8585-84.7609-4-52-000	5.9	10	0.04	-0.006	.	-10.0	-3000	-25	M	18.0	1610	-0.4	M
GALA507R	13-32.9514-84.0921-4-52-000	6.3	30	0.04	-0.006	.	-14.0	6100	116	M	123.0	12720	-0.4	M
GALA508R	13-32.9993-84.0558-4-52-000	6.6	58	0.25	0.011	.	-14.0	4700	104	M	137.0	11770	-0.3	0.19
GAMA501R	13-32.2022-84.1246-4-52-000	5.5	58	0.02	-0.006	.	17.0	7600	-27	M	79.0	5710	0.6	M
GAMA502R	13-32.2059-84.0793-4-52-000	5.7	23	0.04	-0.006	.	53.0	8600	-28	M	112.0	6270	-0.2	M
GAMA503R	13-32.2496-84.0764-4-52-000	5.1	83	0.02	-0.006	.	-37.0	10800	25	M	113.0	5340	.	M
GAMA504R	13-32.2411-84.1497-4-52-000	5.6	75	0.06	0.009	.	-36.0	11000	-31	M	113.0	7650	0.3	0.12
GAMA505R	13-32.2631-84.2032-4-52-000	5.4	19	0.06	-0.006	.	16.0	6300	-25	M	80.0	5630	0.4	M
GAMA506R	13-32.2753-84.1750-4-52-000	5.2	61	0.04	0.046	.	34.0	7900	31	M	92.0	9050	0.3	0.75
GAMA507R	13-32.3204-84.2266-4-52-000	5.3	20	0.06	-0.006	.	21.0	5100	-25	M	99.0	5860	.	M
GAMA508R	13-32.3679-84.2099-4-52-000	4.9	24	0.02	0.012	.	13.0	6900	-26	M	82.0	6550	-0.2	0.50
GAMA509R	13-32.3939-84.1723-4-52-000	6.1	44	0.20	0.035	.	-10.0	3700	-25	M	110.0	5480	0.3	0.80
GAMA510R	13-32.4397-84.1227-4-52-000	5.4	61	0.04	0.024	.	370.0	8400	-27	M	92.0	11420	0.3	0.39
GAMA511R	13-32.4764-84.1217-4-52-000	5.3	12	0.04	0.044	.	-10.0	4000	-25	M	87.0	5990	0.4	3.67
GAMA512R	13-32.4811-84.0828-4-52-000	5.2	20	0.04	-0.006	.	-27.0	4600	-25	M	86.0	6960	0.3	M
GAMA513R	13-32.4378-84.0715-4-52-000	4.8	69	0.02	0.059	.	51.0	11600	-31	M	109.0	9070	M	0.86
GAMA514R	13-32.3875-84.0665-4-52-000	4.9	25	0.02	0.009	.	-23.0	5100	-25	M	87.0	5110	-0.2	0.36
GAMA515R	13-32.3728-84.1378-4-52-000	5.2	25	0.04	0.009	.	17.0	5400	-25	M	107.0	6560	-0.2	0.36
GAMA516R	13-32.3420-84.0660-4-52-000	4.7	42	0.02	-0.006	.	13.0	7000	-26	M	110.0	5760	.	M
GAMA517R	13-32.3359-84.1120-4-52-000	4.9	52	0.02	0.037	.	38.0	9600	-25	M	42.0	3260	.	0.71
GAMA518R	13-32.3104-84.1673-4-52-000	4.9	40	0.02	0.217	.	27.0	7700	37	M	25.0	1960	-0.3	5.43
GAMA519R	13-32.3061-84.1323-4-52-000	6.3	88	0.20	-0.006	.	1057.0	9900	-33	M	30.0	4690	.	M
GAMA520R	13-32.3038-84.0826-4-52-000	5.3	80	0.04	0.035	.	-57.0	18300	-45	M	21.0	7420	.	0.44
GAMA521R	13-32.3417-84.0212-4-52-000	5.3	51	0.04	0.022	.	-25.0	12000	-36	M	66.0	4560	0.3	0.43
GAMA522R	13-32.4187-84.0171-4-52-000	4.9	30	0.02	0.007	.	-10.0	11100	-30	M	13.0	3260	-0.2	0.23
GAMA536R	13-32.2159-84.0077-4-52-000	6.3	35	0.14	-0.006	.	-28.0	5700	-25	M	53.0	2110	-0.2	M
GAMA537R	13-32.2608-84.0177-4-52-000	5.9	39	0.10	-0.006	.	-16.0	-3000	-25	M	20.0	930	-0.4	M
GAME529R	13-32.8828-84.8423-4-52-000	5.7	38	0.12	-0.006	.	-11.0	6100	-25	M	124.0	11900	1.9	M
GAME530R	13-32.9015-84.7775-4-52-000	6.1	177	0.08	0.022	.	-10.0	20800	42	M	130.0	26390	-0.3	0.12
GAME531R	13-32.8942-84.7248-4-52-000	6.3	74	0.35	0.009	.	260.0	6300	-25	M	129.0	8520	-0.2	0.12
GAME532R	13-32.8686-84.6804-4-52-000	4.5	98	0.00	0.073	.	22.0	8100	55	M	149.0	9490	.	0.74
GAME533R	13-32.9100-84.6758-4-52-000	6.5	136	0.95	-0.006	.	-46.0	5700	115	M	175.0	12960	0.4	M
GAME534R	13-32.9342-84.6363-4-52-000	6.3	87	0.30	0.013	.	-10.0	5800	55	M	160.0	10700	-0.2	0.15
GAME535R	13-32.8903-84.6313-4-52-000	5.8	30	0.06	-0.006	.	18.0	7000	-26	M	110.0	10090	-0.3	M
GAME536R	13-32.8763-84.5639-4-52-000	5.5	26	0.02	M	.	29.0	6500	-25	M	114.0	9930	-0.2	M
GAME537R	13-32.9159-84.5541-4-52-000	6.1	44	0.23	-0.006	.	-10.0	6000	71	M	109.0	11300	.	M
GAME538R	13-32.9562-84.5427-4-53-000	5.8	16	0.04	-0.006	.	-10.0	5600	100	M	106.0	9680	-0.4	M
GAME539R	13-32.9801-84.5683-4-52-000	5.9	59	0.27	-0.006	.	-11.0	6700	140	M	103.0	9450	-0.3	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 3
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GAME544R	13-32.9899-84.6223-4-52-000	5.6	34	0.06	0.092	.	559.0	6400	-27	M	136.0	9570	-0.2	2.71
GAME546R	13-32.9330-84.8401-4-52-000	5.5	174	0.05	0.021	.	-11.0	22100	-42	M	267.0	16850	.	0.12
GAME547R	13-32.9838-84.8260-4-52-000	6.0	93	0.35	-0.006	.	-33.0	10900	-25	M	164.0	12670	.	M
GAME548R	13-32.9333-84.7808-4-52-000	5.4	60	0.07	0.010	.	2441.0	11300	-35	M	121.0	9990	-0.3	0.17
GAME549R	13-32.9335-84.7273-4-52-000	5.5	13	0.02	-0.006	.	-10.0	4700	-25	M	131.0	7980	-0.3	M
GAME550R	13-32.9508-84.6904-4-52-000	5.6	40	0.10	-0.006	.	-11.0	7900	-25	M	128.0	9200	0.2	M
GAME551R	13-32.9809-84.7091-4-52-000	6.0	36	0.22	-0.006	.	-10.0	4300	-25	M	109.0	8120	.	M
GAM0513R	13-32.8981-84.0975-4-52-000	6.6	54	0.20	0.056	.	55.0	10700	80	M	36.0	4420	-0.2	1.04
GAM0514R	13-32.8762-84.0683-4-52-000	6.3	76	0.23	0.021	.	18.0	11400	105	M	56.0	6920	.	0.28
GAM0515R	13-32.8848-84.0043-4-52-000	7.1	143	1.07	0.010	.	-51.0	9400	150	M	199.0	8110	0.4	0.07
GAM0526R	13-32.9623-84.0260-4-52-000	6.0	37	0.18	M	.	42.0	9600	34	M	35.0	30	M	M
GAM0527R	13-32.9140-84.0260-4-52-000	5.9	109	0.06	0.012	.	-47.0	30900	35	M	89.0	10100	-0.2	0.11
GAMR501R	13-32.1632-84.4512-4-52-000	7.7	75	0.06	-0.006	.	-10.0	8500	-25	M	82.0	3720	M	M
GAMR502R	13-32.1457-84.4880-4-52-000	8.0	95	0.53	0.048	.	-46.0	-3000	-25	M	-10.0	.	-0.3	0.51
GAMR503R	13-32.1762-84.5399-4-52-000	7.8	260	0.93	0.047	.	39.0	7400	-25	M	-10.0	9720	0.7	0.18
GAMR504R	13-32.2039-84.5473-4-52-000	7.3	45	0.07	0.064	.	13.0	6200	-25	M	-10.0	3450	-0.2	1.42
GAMR505R	13-32.2372-84.5607-4-52-000	6.8	70	0.17	-0.006	.	.	.	.	M	.	.	-0.2	M
GAMR506R	13-32.2737-84.5480-4-52-000	6.2	42	0.40	0.032	.	-10.0	-3000	-25	M	49.0	-100	-0.2	0.76
GAMR507R	13-32.2562-84.6002-4-52-000	6.2	30	0.12	0.065	.	-10.0	3600	-25	M	-10.0	940	-0.2	2.17
GAMR508R	13-32.2753-84.6284-4-53-000	5.3	16	0.02	0.090	.	-10.0	3200	-25	M	12.0	1080	-0.2	5.63
GAMR509R	13-32.3281-84.6304-4-52-000	4.7	510	0.03	0.214	.	-10.0	5000	-25	M	14.0	2630	-0.2	0.42
GAMR510R	13-32.3629-84.6499-4-52-000	5.7	30	0.08	0.053	.	-10.0	4600	-25	M	27.0	2100	-0.2	1.77
GAMR511R	13-32.4137-84.6418-4-52-000	6.6	151	0.85	0.120	.	-10.0	6700	-25	M	14.0	-100	-0.2	0.79
GAMR512R	13-32.4707-84.6370-4-52-000	6.9	71	0.22	0.075	.	13.0	4400	-25	M	-10.0	1550	-0.2	1.06
GAMR513R	13-32.5238-84.6074-4-53-000	5.5	11	0.02	0.056	.	-10.0	-3000	-25	M	-10.0	-100	-0.2	5.09
GAMR514R	13-32.4906-84.5559-4-52-000	5.6	15	0.02	0.045	.	20.0	-3000	-25	M	24.0	1050	-0.2	3.00
GAMR515R	13-32.4719-84.5732-4-52-000	6.1	11	0.06	0.186	.	13.0	7800	-25	M	-10.0	7460	1.4	16.91
GAMR516R	13-32.4285-84.5984-4-52-000	6.4	29	0.08	0.132	.	12.0	3400	-25	M	14.0	1050	0.2	4.55
GAMR517R	13-32.3773-84.5593-4-52-000	8.6	150	0.40	0.296	.	-10.0	4600	-25	M	-10.0	1180	-0.2	1.97
GAMR518R	13-32.3661-84.5228-4-52-000	5.8	16	0.06	0.041	.	11.0	3200	-25	M	50.0	630	-0.2	2.56
GAMR519R	13-32.3328-84.5276-4-52-000	7.5	49	0.16	0.068	.	-10.0	3400	-25	M	-10.0	800	-0.2	1.39
GAMR520R	13-32.3461-84.6077-4-52-000	6.7	43	0.28	0.054	.	-10.0	-3000	-25	M	-10.0	550	-0.2	1.26
GAMR521R	13-32.3020-84.5374-4-52-000	6.2	95	0.30	0.082	.	-10.0	4300	-25	M	-10.0	780	-0.2	0.86
GAMR522R	13-32.2082-84.4815-4-52-000	6.6	82	0.32	0.048	.	-10.0	6000	-25	M	16.0	3390	-0.2	0.59
GAMR523R	13-32.2034-84.4399-4-52-000	6.3	60	0.06	0.061	.	-10.0	7500	-25	M	15.0	4600	-0.2	1.02
GAMR524R	13-32.2415-84.5337-4-52-000	5.7	196	0.10	0.491	.	-10.0	5000	-25	M	70.0	1260	-0.2	2.51
GAMR525R	13-32.2457-84.4768-4-52-000	6.1	25	0.08	0.068	.	14.0	4000	-25	M	-10.0	930	-0.2	2.72
GAMR526R	13-32.2445-84.4265-4-52-000	5.3	71	0.04	0.112	.	23.0	7400	-25	M	14.0	4490	-0.2	1.58
GAMR527R	13-32.2829-84.4430-4-52-000	6.8	129	0.30	0.013	.	22.0	7200	48	M	36.0	8820	-0.3	0.10
GAMR528R	13-32.3186-84.4343-4-52-000	5.9	51	0.10	0.034	.	M	1200	45	M	71.0	7870	-0.3	0.67
GAMR529R	13-32.3715-84.4286-4-52-000	5.9	26	0.06	-0.006	.	-10.0	5100	-25	M	103.0	7670	-0.2	M
GAMR530R	13-32.4231-84.4302-4-52-000	6.1	68	0.30	0.013	.	27.0	5400	-25	M	95.0	12450	-0.2	0.19
GAMR531R	13-32.4711-84.4458-4-52-000	5.4	44	0.02	0.023	.	-10.0	8600	-25	M	-10.0	-120	-0.2	0.52
GAMR532R	13-32.4197-84.5414-4-52-000	6.4	88	0.06	0.009	.	24.0	10700	-28	M	96.0	8580	-0.2	0.10
GAMR533R	13-32.4632-84.5405-4-52-000	5.9	18	0.10	0.010	.	14.0	4100	-25	M	100.0	6910	-0.2	0.56
GAMR534R	13-32.5138-84.5254-4-52-000	6.5	15	0.28	0.032	.	16.0	4700	-25	M	85.0	6870	-0.3	2.13
GAMR535R	13-32.5507-84.4721-4-52-000	5.2	30	0.04	0.018	.	25.0	5000	25	M	85.0	7340	-0.2	0.60
GAMR536R	13-32.5111-84.4664-4-52-000	6.5	18	0.17	0.007	.	10.0	8700	-27	M	99.0	7470	-0.2	0.39
GAMR537R	13-32.4608-84.4792-4-53-000	5.0	9	0.03	-0.006	.	-10.0	8200	-28	M	82.0	6900	-0.2	M
GAMR538R	13-32.4082-84.4806-4-52-000	5.2	18	0.03	0.031	.	-18.0	4900	-25	M	-10.0	7140	-0.2	1.72
GAMR539R	13-32.3772-84.4754-4-52-000	5.9	69	0.12	0.022	.	2599.0	8500	-28	M	78.0	9010	-0.4	0.32
GAMR540R	13-32.3444-84.4780-4-52-000	6.4	81	0.48	0.013	.	-10.0	7500	-25	M	63.0	7380	0.2	0.16
GAM5501R	13-32.5598-85.0122-4-52-000	6.9	15	1.70	19.410	.	49.0	9100	-25	M	-10.0	10410	.	1294.00

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 4
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GAMS502R	13-32.5827-85.0385-4-52-000	7.1	360	2.60	2.373	.	-13.0	25400	-44	M	86.0	16330	1.8	6.59
GAMS503R	13-32.5833-85.0043-4-52-000	6.0	62	0.30	0.237	.	-40.0	5900	-25	M	84.0	5420	0.4	3.82
GAMS504R	13-32.5830-84.9689-4-52-000	6.5	165	1.20	0.537	.	-42.0	14100	-31	M	54.0	7190	1.0	3.25
GAMS505R	13-32.5521-84.9270-4-52-000	7.0	80	0.60	0.072	.	-24.0	5900	31	M	46.0	7670	1.3	0.90
GAMS506R	13-32.5814-84.8990-4-52-000	6.4	90	0.80	0.029	.	-10.0	4000	-25	M	149.0	5750	.	0.32
GAMS507R	13-32.5480-84.8873-4-52-000	6.4	50	0.16	-0.006	.	35.0	7900	-25	M	78.0	5470	.	M
GAMS508R	13-32.5730-84.8217-4-52-000	6.6	85	0.50	0.045	.	-14.0	7300	-25	M	42.0	5700	M	0.53
GAMS509R	13-32.5830-84.7842-4-52-000	6.1	50	0.10	-0.006	.	-10.0	6300	-25	M	49.0	4020	M	M
GAMS510R	13-32.5722-84.7337-4-52-000	5.9	45	0.28	-0.006	.	13.0	4400	-25	M	48.0	3910	.	M
GAMS511R	13-32.5438-84.7194-4-52-000	6.9	348	1.20	0.046	.	23.0	38200	.	M	-10.0	23180	.	0.13
GAMS512R	13-32.5482-84.6854-4-52-000	7.6	180	1.10	0.031	.	-24.0	4500	117	M	-10.0	6480	-0.2	0.17
GAMS513R	13-32.5510-84.7652-4-52-000	6.3	120	0.20	0.007	.	-30.0	9700	-29	M	41.0	7070	0.9	0.06
GAMS514R	13-32.5405-84.8286-4-52-000	6.4	180	0.90	0.016	.	93.0	19000	-40	M	213.0	7340	.	0.09
GAPK516R	13-32.9971-84.5026-4-52-000	6.2	39	0.04	0.041	.	-10.0	9600	-25	M	12.0	5490	-0.2	1.05
GASC501R	13-32.2675-84.3678-4-52-000	5.2	118	0.03	0.109	.	39.0	16700	-34	M	50.0	8370	.	0.92
GASC502R	13-32.3181-84.3508-4-52-000	4.1	140	0.00	0.181	.	33.0	8800	38	M	123.0	8020	-0.4	1.29
GASC503R	13-32.3730-84.3731-4-52-000	6.7	182	0.20	0.008	.	-15.0	14000	137	M	88.0	18620	1.7	0.04
GASC504R	13-32.4101-84.3701-4-52-000	6.2	11	0.04	0.017	.	11.0	6800	-30	M	42.0	8140	0.9	1.55
GASC505R	13-32.3637-84.3227-4-52-000	4.9	180	0.05	0.006	.	34.0	17600	-39	M	56.0	12880	-0.4	0.03
GASC506R	13-32.3616-84.2926-4-52-000	5.0	34	0.02	0.107	.	-10.0	6900	-29	M	77.0	8640	2.4	3.15
GASC507R	13-32.3219-84.2933-4-52-000	6.1	60	0.08	M	.	42.0	7500	-27	M	43.0	10840	-0.3	M
GASC508R	13-32.2769-84.2935-4-52-000	5.8	55	0.06	0.010	.	24.0	7000	-25	M	52.0	8100	-0.2	0.18
GASC509R	13-32.2141-84.3469-4-52-000	6.1	175	0.07	0.026	.	39.0	11600	-33	M	82.0	15710	0.7	0.15
GASC510R	13-32.1983-84.4169-4-52-000	6.1	77	0.16	0.015	.	117.0	8500	-31	M	50.0	8370	1.2	0.19
GASC511R	13-32.1811-84.3414-4-52-000	5.5	18	0.04	0.009	.	10.0	7300	-25	M	42.0	5030	-0.3	0.50
GASC512R	13-32.1902-84.3045-4-52-000	6.1	78	0.42	-0.006	.	688.0	8300	69	M	69.0	5210	0.2	M
GASC513R	13-32.1875-84.2374-4-52-000	5.2	70	0.06	0.023	.	-10.0	14100	-25	M	80.0	8770	0.3	0.33
GASC514R	13-32.1883-84.2032-4-52-000	6.1	78	0.16	0.022	.	-10.0	13700	-36	M	76.0	10620	0.5	0.28
GASC515R	13-32.2160-84.2089-4-52-000	5.0	52	0.02	-0.006	.	-12.0	9300	-31	M	56.0	5690	0.6	M
GASC516R	13-32.2306-84.2411-4-52-000	5.9	48	0.10	0.056	.	-26.0	12800	31	M	63.0	7720	-0.2	1.17
GASC517R	13-32.2580-84.2583-4-52-000	5.3	79	0.04	-0.006	.	-29.0	9400	-25	M	87.0	6280	-0.2	M
GASU501R	13-32.0722-84.2605-4-52-000	6.4	28	0.06	-0.006	.	23.0	5600	-25	M	137.0	5200	0.5	M
GASU502R	13-32.0287-84.2629-4-52-000	7.7	230	1.40	0.041	.	13.0	6200	62	M	118.0	5410	-0.3	0.18
GASU507R	13-32.0157-84.3003-4-52-000	6.8	92	0.35	-0.006	.	-10.0	5000	-25	M	122.0	4350	-0.2	M
GASU511R	13-32.0138-84.4204-4-52-000	5.8	48	0.04	0.030	.	-27.0	8300	-28	M	56.0	5790	0.4	0.63
GASU512R	13-32.0271-84.3653-4-52-000	7.8	328	1.70	-0.006	.	-10.0	5300	94	M	112.0	6420	-0.2	M
GASU513R	13-32.0629-84.4069-4-52-000	6.4	80	0.17	-0.006	.	-10.0	6700	28	M	103.0	7440	-0.2	M
GASU514R	13-32.0675-84.3615-4-52-000	6.4	121	0.33	0.019	.	-26.0	6600	56	M	123.0	6180	0.7	0.16
GASU515R	13-32.0568-84.3179-4-52-000	5.4	91	0.07	-0.006	.	15.0	9700	-25	M	103.0	7870	0.3	M
GASU516R	13-32.1001-84.2969-4-52-000	5.5	66	0.04	-0.006	.	-25.0	6000	-25	M	103.0	6550	0.6	M
GASU517R	13-32.1142-84.3626-4-52-000	5.6	51	0.04	-0.006	.	24.0	4600	-25	M	89.0	6570	-0.3	M
GASU518R	13-32.1453-84.4057-4-52-000	5.6	160	0.05	-0.006	.	-23.0	16400	-38	M	99.0	13660	M	M
GASU519R	13-32.1510-84.3592-4-52-000	7.5	225	1.40	-0.006	.	-10.0	4200	68	M	66.0	5940	-0.2	M
GASU520R	13-32.1484-84.3042-4-52-000	6.2	61	0.06	-0.006	.	-28.0	7300	-26	M	67.0	8480	0.2	M
GASU521R	13-32.1581-84.2670-4-52-000	5.7	41	0.06	-0.006	.	-11.0	4800	-25	M	79.0	6670	-0.2	M
GASU522R	13-32.1194-84.2546-4-52-000	7.4	170	0.50	M	.	20.0	5700	82	M	126.0	7040	0.5	M
GASU523R	13-32.1176-84.2121-4-52-000	6.8	62	0.06	-0.006	.	10.0	6100	-25	M	74.0	6680	-0.2	M
GASU524R	13-32.1479-84.2117-4-52-000	6.1	62	0.12	-0.006	.	-10.0	14000	-36	M	124.0	11560	-0.4	M
GASU525R	13-32.1869-84.1737-4-52-000	6.5	55	0.26	-0.006	.	-26.0	4000	71	M	110.0	5880	0.4	M
GASU526R	13-32.1707-84.1017-4-52-000	6.6	40	0.26	0.026	.	25.0	6600	37	M	136.0	6080	-0.3	0.65
GASU527R	13-32.1035-84.0449-4-52-000	6.7	90	0.67	0.008	.	-10.0	4900	52	M	74.0	5570	0.4	0.09
GASU528R	13-32.1032-84.1087-4-52-000	5.9	25	0.10	-0.006	.	-10.0	5800	33	M	81.0	5640	-0.2	M
GASU529R	13-32.0961-84.1529-4-52-000	7.3	224	1.25	-0.006	.	-28.0	7300	53	M	92.0	6170	M	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GASU530R	13-32.0571-84.1565-4-52-000	7.1	188	1.20	-0.006	.	-21.0	4800	124	M	88.0	6370	0.6	M
GASU531R	13-32.0488-84.0998-4-52-000	7.7	230	1.30	M	.	-10.0	5200	99	M	82.0	7540	0.2	M
GASU532R	13-32.0585-84.0469-4-52-000	4.9	250	0.00	0.122	.	50.0	37200	86	M	242.0	13390	-0.2	0.49
GASU534R	13-32.0132-84.0705-4-52-000	7.8	189	1.50	0.085	.	17.0	7300	104	M	157.0	5760	0.7	0.45
GASU535R	13-32.0119-84.1187-4-52-000	7.9	200	1.40	0.033	.	-26.0	4500	47	M	150.0	4780	1.0	0.17
GASU536R	13-32.0212-84.1817-4-52-000	7.8	200	1.70	0.184	.	16.0	7600	103	M	130.0	6720	-0.4	0.92
GASU537R	13-32.0255-84.2151-4-52-000	7.8	250	1.70	-0.006	.	-10.0	5900	81	M	179.0	7990	-0.2	M
GASW501R	13-32.0861-84.7744-4-52-000	5.5	21	0.04	M	.	-10.0	4800	-25	M	57.0	3660	M	M
GASW502R	13-32.0966-84.7165-4-52-000	5.6	38	0.04	M	.	-26.0	5700	28	M	41.0	4170	M	M
GASW503R	13-32.0712-84.7218-4-52-000	5.3	28	0.04	0.006	.	-10.0	5000	-25	M	56.0	4070	.	0.21
GASW504R	13-32.1118-84.6580-4-52-000	6.4	149	0.36	-0.006	.	-10.0	23000	-47	M	153.0	14480	-0.2	M
GASW505R	13-32.1629-84.6709-4-52-000	6.0	28	0.10	M	.	-22.0	4700	-25	M	49.0	2710	-0.2	M
GASW506R	13-32.1739-84.7107-4-52-000	6.3	128	0.70	-0.006	.	12.0	5000	48	M	79.0	3740	-0.2	M
GASW507R	13-32.1957-84.7019-4-52-000	6.7	55	0.30	0.052	.	10.0	4700	-25	M	59.0	2880	-0.2	0.95
GASW508R	13-32.2242-84.6548-4-52-000	6.8	110	1.00	M	.	-22.0	5800	-25	M	44.0	3080	-0.3	M
GASW509R	13-32.0680-84.6706-4-52-000	6.8	56	0.08	-0.006	.	-10.0	6100	-25	M	58.0	3220	-0.3	M
GASW510R	13-32.0257-84.6866-4-52-000	8.1	120	1.50	M	.	-10.0	3800	-25	M	47.0	2680	0.2	M
GASW511R	13-32.0392-84.7346-4-52-000	7.8	35	0.26	-0.006	.	-30.0	3900	-25	M	50.0	2300	.	M
GASW512R	13-32.0433-84.7659-4-52-000	6.7	38	0.04	-0.006	.	-10.0	3800	-25	M	39.0	2970	.	M
GASW516R	13-32.0133-84.7820-4-52-000	5.8	29	0.10	1.351	.	-19.0	4800	-25	M	48.0	3050	.	46.59
GASW523R	13-32.0325-84.8307-4-52-000	5.5	16	0.04	M	.	-31.0	3400	-25	M	39.0	2520	.	M
GASW524R	13-32.1299-84.8264-4-52-000	6.3	125	1.30	-0.006	.	16.0	5100	56	M	63.0	4430	-0.2	M
GASW525R	13-32.1590-84.8252-4-52-000	6.0	111	0.60	0.085	.	-10.0	5000	284	M	-10.0	3770	.	0.77
GASW526R	13-32.1829-84.7548-4-52-000	4.6	155	0.00	0.203	.	-27.0	25300	-46	M	75.0	12420	-0.4	1.31
GASW527R	13-32.2219-84.7798-4-52-000	6.0	30	0.12	M	.	-20.0	4600	-25	M	38.0	2710	-0.3	M
GASW528R	13-32.1940-84.8081-4-52-000	5.8	20	0.08	M	.	-10.0	4100	-25	M	28.0	2700	0.2	M
GASW529R	13-32.1555-84.9027-4-53-000	7.1	230	2.70	0.035	.	16.0	4500	52	M	50.0	3110	-0.2	0.15
GASW530R	13-32.1568-84.9251-4-52-000	7.5	100	0.26	0.031	.	-10.0	7200	-25	M	10.0	3580	-0.2	0.31
GASW531R	13-32.1681-84.9862-4-52-000	5.4	109	0.04	0.113	.	20.0	7900	39	M	33.0	2660	-0.2	1.04
GASW532R	13-32.1026-85.0357-4-52-000	4.5	114	0.00	0.085	.	36.0	7500	-25	M	94.0	4160	-0.2	0.75
GASW533R	13-32.0692-84.9729-4-52-000	4.8	51	0.00	0.068	.	10.0	9200	-25	M	20.0	4560	-0.2	1.33
GASW534R	13-32.0690-84.9045-4-52-000	5.5	28	0.08	0.019	.	24.0	4400	-25	M	28.0	1410	-0.2	0.68
GASW535R	13-32.0703-84.8811-4-52-000	5.4	90	0.10	0.021	.	30.0	4800	-25	M	27.0	1360	-0.2	0.23
GASW536R	13-32.0702-84.8423-4-52-000	5.7	19	0.12	0.026	.	17.0	5400	-25	M	17.0	2750	-0.2	1.37
GASW537R	13-32.0424-84.8770-4-52-000	6.0	70	0.40	0.023	.	13.0	4800	-25	M	44.0	2270	-0.2	0.33
GASW538R	13-32.0359-84.9084-4-52-000	5.5	20	0.08	0.023	.	12.0	3700	-25	M	24.0	1010	-0.2	1.15
GASW539R	13-32.0349-84.9925-4-53-000	5.5	20	0.06	0.048	.	19.0	5300	-25	M	-10.0	1550	-0.2	2.40
GASW540R	13-32.0023-84.9309-4-52-000	6.1	65	0.70	0.024	.	14.0	3900	-25	M	25.0	1140	-0.2	0.37
GASW541R	13-32.0084-85.0373-4-52-000	8.2	900	2.80	0.081	.	437.0	-3000	-25	M	-10.0	-120	-0.2	0.09
GASW542R	13-32.0314-85.0320-4-52-000	8.2	1000	1.60	0.084	.	-10.0	-3000	-25	M	-10.0	-120	-0.2	0.08
GASW543R	13-32.0807-85.0378-4-52-000	7.5	170	1.30	0.017	.	22.0	3500	33	M	11.0	10110	-0.2	0.10
GASW544R	13-32.1522-85.0141-4-52-000	7.7	340	3.40	0.054	.	-10.0	6700	-25	M	64.0	12860	0.6	0.16
GASW545R	13-32.1196-84.9806-4-52-000	7.9	240	3.00	0.024	.	-10.0	4500	162	M	23.0	-100	-0.2	0.10
GASW546R	13-32.1380-84.9549-4-52-000	7.1	88	0.70	0.029	.	20.0	4800	76	M	47.0	2340	-0.2	0.33
GASW547R	13-32.1438-84.8732-4-52-000	7.4	208	2.30	0.040	.	15.0	3700	37	M	49.0	-100	-0.2	0.19
GATA501R	13-32.5900-84.6713-4-52-000	6.8	180	1.50	0.007	.	14.0	6200	32	M	87.0	6480	0.3	0.04
GATA502R	13-32.5567-84.6596-4-52-000	7.7	180	1.40	0.083	.	-19.0	4100	112	M	57.0	4470	-0.2	0.46
GATA503R	13-32.5975-84.6331-4-52-000	6.3	60	0.04	-0.006	.	-10.0	7200	-25	M	-10.0	3800	M	M
GATA504R	13-32.5624-84.6247-4-52-000	6.7	135	0.60	-0.006	.	93.0	9400	-31	M	45.0	8140	-0.2	M
GATA505R	13-32.5443-84.5712-4-52-000	4.0	119	0.00	0.454	.	M	10700	-50	M	330.0	4880	-0.2	3.82
GATA506R	13-32.5417-84.5282-4-52-000	5.2	30	0.06	0.051	.	28.0	4500	-25	M	72.0	2500	-0.2	1.70
GATA507R	13-32.5985-84.5571-4-52-000	6.0	190	0.38	0.035	.	-10.0	33800	-49	M	35.0	19900	-0.2	0.18
GATA508R	13-32.6231-84.5545-4-52-000	6.0	130	0.34	0.032	.	-10.0	15700	-32	M	47.0	8610	.	0.25

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GATA509R	13-32.8177-84.6653-4-52-000	6.4	30	0.10	0.262	.	21.0	-3000	-25	M	-10.0	.	0.9	8.73
GATA510R	13-32.7791-84.6837-4-52-000	6.4	55	0.22	-0.006	.	-10.0	6200	-25	M	53.0	4050	-0.2	M
GATA511R	13-32.7855-84.6479-4-52-000	5.2	75	0.00	0.059	.	28.0	12000	-37	M	127.0	4930	M	0.79
GATA512R	13-32.8242-84.6161-4-52-000	7.5	198	1.80	0.165	.	-40.0	6500	736	M	52.0	9350	M	0.83
GATA513R	13-32.7335-84.3564-4-52-000	7.0	120	0.50	0.007	.	-43.0	5600	93	M	52.0	8150	0.5	0.06
GATA514R	13-32.7570-84.4002-4-52-000	6.5	60	0.16	-0.006	.	-23.0	5800	-25	M	78.0	3730	-0.2	M
GATA515R	13-32.7427-84.4181-4-52-000	5.4	159	0.04	0.022	.	-12.0	28300	.	M	M	8030	-0.4	0.14
GATA516R	13-32.8190-84.4816-4-52-000	5.6	189	0.10	-0.006	.	-10.0	29400	-46	M	67.0	12220	M	M
GATA517R	13-32.8209-84.5145-4-52-000	6.9	125	1.20	-0.006	.	-19.0	4500	145	M	73.0	5210	-0.3	M
GATA518R	13-32.8310-84.5514-4-52-000	5.5	70	0.02	-0.006	.	-10.0	9600	-26	M	-10.0	6850	.	M
GATA519R	13-32.8553-84.5463-4-52-000	6.9	175	1.40	-0.006	.	-10.0	4700	534	M	74.0	6250	0.4	M
GATA520R	13-32.7726-84.5236-4-52-000	6.4	118	0.14	-0.006	.	25.0	20100	-37	M	50.0	8850	.	M
GATA521R	13-32.7695-84.5600-4-52-000	5.9	65	0.20	-0.006	.	-26.0	8000	-25	M	52.0	4730	-0.3	M
GATA522R	13-32.7128-84.5979-4-52-000	6.1	75	0.22	2.668	.	103.0	4300	-25	M	55.0	3120	-0.4	35.57
GATA523R	13-32.6761-84.6144-4-52-000	6.4	120	0.80	-0.006	.	-22.0	9600	-31	M	76.0	8160	M	M
GATA524R	13-32.6882-84.6715-4-52-000	6.6	49	0.26	-0.006	.	-16.0	3200	-25	M	46.0	4580	1.7	M
GATA525R	13-32.7184-84.6637-4-52-000	5.8	185	0.30	-0.006	.	12.0	19200	-37	M	66.0	10940	.	M
GATA526R	13-32.6418-84.6670-4-52-000	6.4	140	0.70	-0.006	.	16.0	12000	-31	M	60.0	12220	1.8	M
GATA527R	13-32.6449-84.5996-4-52-000	6.2	308	0.34	0.012	.	-10.0	48200	.	M	66.0	7860	-0.3	0.04
GATA528R	13-32.7339-84.5168-4-52-000	5.7	165	0.24	0.013	.	-10.0	25200	-44	M	61.0	14240	-0.3	0.08
GATA529R	13-32.7264-84.4608-4-52-000	6.4	220	0.80	0.007	.	-10.0	14400	-33	M	47.0	11800	2.3	0.03
GATA530R	13-32.6975-84.4639-4-52-000	6.8	350	1.60	-0.006	.	2481.0	43200	.	M	-10.0	24160	-0.3	M
GATA531R	13-32.6106-84.4790-4-53-000	6.4	30	0.06	M	.	-48.0	-3000	-25	M	-10.0	-100	-0.3	M
GATA532R	13-32.6488-84.5198-4-52-000	6.1	139	0.26	M	.	16.0	16200	-36	M	89.0	3150	0.5	M
GATA533R	13-32.6395-84.4745-4-52-000	7.6	185	1.80	0.006	.	-10.0	4300	352	M	46.0	4960	.	0.03
GATA534R	13-32.6125-84.4283-4-52-000	6.3	35	0.10	M	.	-26.0	7200	-25	M	27.0	2640	M	M
GATA535R	13-32.5982-84.4921-4-52-000	6.1	75	0.04	0.008	.	-20.0	5200	-25	M	55.0	1540	-0.3	0.11
GATA536R	13-32.5647-84.4193-4-53-000	5.4	10	0.02	-0.006	.	11.0	3400	-25	M	27.0	830	.	M
GATA537R	13-32.6270-84.4090-4-52-000	5.5	30	0.02	0.016	.	-10.0	5700	-25	M	32.0	2130	.	0.53
GATA538R	13-32.7103-84.4042-4-52-000	6.1	200	0.38	0.013	.	14.0	34400	-50	M	-10.0	10680	-0.4	0.07
GATA539R	13-32.6898-84.5148-4-52-000	6.7	120	1.00	-0.006	.	11.0	4800	51	M	29.0	5290	2.3	M
GATA540R	13-32.6864-84.5743-4-52-000	6.0	35	0.22	0.006	.	-10.0	4600	-25	M	28.0	2480	.	0.17
GAT0527R	13-32.9777-85.1063-4-52-000	6.9	50	0.22	0.012	.	87.0	15200	.	M	68.0	4170	0.3	0.24
GAT0528R	13-32.9734-85.1581-4-52-000	6.9	55	0.17	0.042	.	-10.0	17300	31	M	53.0	4340	0.7	0.76
GAT0529R	13-32.9335-85.1527-4-52-000	6.7	61	0.45	-0.006	.	-12.0	8700	28	M	41.0	4120	1.3	M
GAT0530R	13-32.8953-85.1562-4-52-000	6.2	25	0.08	-0.006	.	-45.0	10600	72	M	93.0	3050	-0.2	M
GAT0531R	13-32.9001-85.0943-4-52-000	7.0	77	0.65	0.010	.	39.0	10600	62	M	44.0	3300	1.7	0.13
GAT0532R	13-32.8915-85.0340-4-52-000	7.4	51	0.40	-0.006	.	30.0	9500	54	M	44.0	4050	0.5	M
GAT0533R	13-32.9240-85.0186-4-52-000	7.4	43	0.65	0.022	.	13.0	9100	57	M	38.0	2050	M	0.51
GAT0534R	13-32.9499-85.0337-4-52-000	6.8	53	0.45	-0.006	.	-33.0	8500	82	M	40.0	2830	-0.2	M
GAT0535R	13-32.9319-85.0722-4-52-000	7.1	74	0.30	0.038	.	10.0	12000	26	M	50.0	5660	0.3	0.51
GAT0536R	13-32.9764-85.0458-4-52-000	7.6	61	0.35	-0.006	.	21.0	8200	55	M	41.0	3000	1.8	M
GAT0537R	13-32.9816-84.9965-4-52-000	7.0	48	0.18	0.046	.	-14.0	11000	-39	M	37.0	3710	.	0.96
GAT0538R	13-32.9414-84.9816-4-52-000	5.5	40	0.06	0.024	.	38.0	14400	-40	M	68.0	4630	-0.2	0.60
GAT0539R	13-32.9204-84.9472-4-52-000	6.6	41	0.38	-0.006	.	-10.0	9100	45	M	44.0	2250	.	M
GAT0540R	13-32.8846-84.9859-4-52-000	5.0	110	0.04	0.019	.	31.0	31700	70	M	295.0	14330	-0.4	0.17
GAT0541R	13-32.9024-84.8997-4-52-000	6.3	120	0.45	-0.006	.	-11.0	24500	35	M	131.0	7530	0.3	M
GAT0542R	13-32.9337-84.9087-4-52-000	6.5	110	0.65	-0.006	.	20.0	10800	123	M	98.0	7900	0.4	M
GAT0543R	13-32.9555-84.8905-4-52-000	7.0	880	1.20	0.089	.	-32.0	.	M	M	94.0	.	.	0.10
GAT0544R	13-32.9839-84.9075-4-52-000	5.9	58	0.04	0.031	.	100.0	31400	-25	M	68.0	17810	.	0.53
GAT0545R	13-32.9843-84.9451-4-52-000	6.5	43	0.16	0.040	.	-10.0	9500	-25	M	47.0	3700	M	0.93
GATY501R	13-32.6896-84.2636-4-52-000	6.3	99	0.85	-0.006	.	-10.0	8300	181	M	161.0	13520	4.5	M
GATY502R	13-32.6354-84.2580-4-52-000	6.7	57	0.04	-0.006	.	-11.0	8300	45	M	191.0	6430	-0.3	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 7
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GATY503R	13-32.5919-84.2393-4-52-000	6.3	12	0.10	0.029	.	17.0	5700	-25	M	215.0	4810	-0.2	2.42
GATY504R	13-32.5342-84.2133-4-52-000	5.7	30	0.08	-0.006	.	14.0	8600	-25	M	163.0	7050	0.4	M
GATY505R	13-32.4877-84.2047-4-52-000	6.2	40	0.20	-0.006	.	19.0	9200	-30	M	178.0	6250	-0.2	M
GATY506R	13-32.4402-84.1989-4-52-000	5.8	25	0.20	0.011	.	-10.0	6300	-25	M	171.0	6200	-0.2	0.44
GATY507R	13-32.4831-84.1631-4-52-000	5.9	27	0.12	-0.006	.	-10.0	8500	-25	M	181.0	6050	M	M
GATY508R	13-32.5342-84.1395-4-52-000	6.1	32	0.16	0.036	.	-36.0	8700	-25	M	163.0	5820	-0.3	1.13
GATY509R	13-32.5616-84.1785-4-52-000	7.5	10	0.02	-0.006	.	-28.0	6700	-26	M	106.0	4140	-0.2	M
GATY510R	13-32.5645-84.1178-4-52-000	6.3	40	0.22	0.009	.	-32.0	8900	-25	M	138.0	4990	-0.2	0.23
GATY511R	13-32.5356-84.0650-4-52-000	6.0	52	0.32	-0.006	.	-18.0	9200	45	M	152.0	5490	0.3	M
GATY512R	13-32.5925-84.1099-4-52-000	6.6	29	0.04	0.037	.	34.0	9600	38	M	104.0	6850	-0.4	1.28
GATY513R	13-32.6207-84.0993-4-52-000	6.1	100	0.30	0.014	.	-10.0	10200	44	M	108.0	6610	-0.3	0.14
GATY514R	13-32.6644-84.1061-4-52-000	6.1	80	0.25	0.038	.	41.0	13000	25	M	105.0	8850	0.4	0.48
GATY515R	13-32.6324-84.1477-4-52-000	6.2	78	0.20	0.074	.	49.0	10700	40	M	135.0	5780	-0.2	0.95
GATY516R	13-32.6615-84.1748-4-53-000	6.3	20	0.08	M	.	-33.0	8500	-29	M	94.0	4880	-0.2	M
GATY517R	13-32.5870-84.1890-4-52-000	6.2	12	0.04	-0.006	.	-26.0	6800	-25	M	109.0	4120	-0.2	M
GATY518R	13-32.5302-84.2540-4-52-000	6.2	25	0.08	0.036	.	-10.0	7800	-25	M	99.0	6530	0.8	1.44
GATY519R	13-32.4695-84.2444-4-52-000	5.4	31	0.02	0.044	.	-10.0	7200	-32	M	108.0	5460	1.1	1.42
GATY520R	13-32.4335-84.2807-4-52-000	6.2	19	0.04	0.040	.	-11.0	8500	-29	M	103.0	5530	-0.4	2.11
GATY521R	13-32.4145-84.2287-4-52-000	6.2	10	0.02	0.029	.	26.0	6500	28	M	90.0	4390	0.4	2.90
GATY522R	13-32.3865-84.2818-4-52-000	5.6	28	0.12	0.033	.	-10.0	7500	25	M	127.0	4690	-0.2	1.18
GATY523R	13-32.7135-84.2908-4-52-000	6.1	49	0.85	0.018	.	-11.0	12400	-34	M	119.0	6560	0.5	0.37
GATY524R	13-32.6621-84.3151-4-52-000	6.0	110	0.40	0.094	.	-10.0	16100	56	M	102.0	8130	0.4	0.85
GATY525R	13-32.6437-84.3458-4-52-000	6.2	79	0.20	0.039	.	19.0	12000	37	M	148.0	6940	M	0.49
GATY526R	13-32.6167-84.3299-4-53-000	6.1	35	0.02	0.022	.	34.0	7900	-25	M	110.0	4590	M	0.63
GATY527R	13-32.5986-84.3814-4-52-000	6.6	10	0.04	0.026	.	30.0	8900	-29	M	115.0	4040	0.2	2.60
GATY528R	13-32.5682-84.3477-4-52-000	6.1	10	0.04	0.021	.	-25.0	7200	52	M	105.0	4600	.	2.10
GATY529R	13-32.5101-84.2977-4-52-000	6.2	10	0.06	-0.006	.	-11.0	7500	-30	M	113.0	3880	.	M
GATY530R	13-32.5227-84.3441-4-52-000	5.7	11	0.06	-0.006	.	-10.0	6700	-25	M	124.0	4520	0.6	M
GATY531R	13-32.5418-84.3961-4-52-000	6.0	12	0.02	0.081	.	-10.0	4500	-25	M	11.0	870	-0.2	6.75
GATY532R	13-32.5484-84.4353-4-52-000	5.5	12	0.02	0.042	.	20.0	4300	-25	M	11.0	910	-0.2	3.50
GATY533R	13-32.5140-84.4194-4-52-000	5.6	25	0.10	0.045	.	-10.0	5100	-25	M	10.0	1720	-0.2	1.80
GATY534R	13-32.4857-84.3723-4-52-000	5.6	10	0.04	0.045	.	16.0	4600	-25	M	-10.0	1300	-0.2	4.50
GATY535R	13-32.4571-84.3807-4-52-000	6.0	20	0.08	0.043	.	18.0	4500	-25	M	38.0	1050	-0.2	2.15
GATY536R	13-32.4335-84.3186-4-52-000	5.6	20	0.04	0.053	.	18.0	3800	-25	M	-10.0	650	-0.2	2.65
GAUP501R	13-32.8897-84.2952-4-52-000	5.7	15	0.06	-0.006	.	-10.0	4400	-25	M	123.0	10550	1.9	M
GAUP502R	13-32.9159-84.2582-4-52-000	5.9	32	0.20	0.009	.	19.0	4500	-25	M	111.0	10580	-0.2	0.28
GAUP503R	13-32.9205-84.2051-4-52-000	7.3	160	1.25	0.061	.	-10.0	3800	145	M	30.0	13090	-0.2	0.38
GAUP504R	13-32.9323-84.1421-4-52-000	6.3	40	0.27	0.006	.	670.0	3900	53	M	25.0	11650	-0.2	0.15
GAUP505R	13-32.9677-84.1513-4-52-000	5.9	64	0.15	0.008	.	-10.0	13400	-31	M	36.0	14520	-0.2	0.13
GAUP506R	13-32.9742-84.2025-4-52-000	6.9	293	1.60	0.059	.	461.0	15300	69	M	31.0	23120	0.2	0.20
GAUP507R	13-32.9629-84.2473-4-52-000	6.5	70	0.15	-0.006	.	-51.0	12400	42	M	32.0	15280	1.6	M
GAUP508R	13-32.9666-84.3102-4-52-000	6.0	21	0.06	-0.006	.	-10.0	7000	-27	M	73.0	10330	1.7	M
GAUP509R	13-32.9675-84.3609-4-52-000	5.5	26	0.04	0.077	.	14.0	6400	29	M	27.0	14830	-0.3	2.96
GAUP510R	13-32.9624-84.4070-4-52-000	6.3	38	0.18	0.017	.	-13.0	4400	-25	M	31.0	13790	-0.3	0.45
GAUP511R	13-32.9680-84.4709-4-52-000	6.5	73	0.40	0.038	.	-10.0	5900	66	M	46.0	11630	1.6	0.52
GAUP512R	13-32.9349-84.5002-4-52-000	6.1	55	0.13	0.070	.	-10.0	11400	41	M	44.0	12660	2.1	1.27
GAUP513R	13-32.9298-84.4600-4-53-000	5.6	28	0.08	0.017	.	17.0	9000	-28	M	66.0	10660	2.0	0.61
GAUP514R	13-32.9280-84.4178-4-52-000	5.4	12	0.06	-0.006	.	53.0	6100	-25	M	48.0	10100	1.9	M
GAUP515R	13-32.9348-84.3635-4-52-000	5.3	119	0.05	0.014	.	1457.0	13400	38	M	42.0	13390	2.1	0.12
GAUP516R	13-32.9269-84.3003-4-52-000	5.7	44	0.10	-0.006	.	69.0	8500	-27	M	21.0	8080	2.0	M
GAUP517R	13-32.8750-84.3619-4-52-000	6.9	127	0.53	0.019	.	77.0	13300	-35	M	19.0	14300	2.1	0.15
GAUP518R	13-32.8386-84.4267-4-52-000	6.4	118	0.35	-0.006	.	59.0	13400	-32	M	43.0	14120	1.9	M
GAUP519R	13-32.8798-84.4468-4-52-000	6.1	26	0.16	0.095	.	69.0	7000	-25	M	15.0	10700	-0.2	3.65

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 8
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
GAUP520R	13-32.8973-84.4094-4-52-000	6.1	40	0.12	M	.	83.0	8600	-27	M	20.0	11420	.	M
GAUP521R	13-32.8385-84.3536-4-52-000	6.1	40	0.20	0.013	.	50.0	7900	-25	M	17.0	10770	1.7	0.33
GAUP522R	13-32.7927-84.3929-4-52-000	7.0	171	1.50	0.020	.	68.0	5400	-25	M	-10.0	12320	5.5	0.12
GAUP523R	13-32.8427-84.3153-4-52-000	7.3	100	0.60	0.008	.	51.0	4900	85	M	83.0	13210	2.0	0.08
GAUP524R	13-32.7983-84.3104-4-52-000	7.0	382	2.40	3.629	.	159.0	23000	-42	M	275.0	21070	1.3	9.50
GAUP525R	13-32.7889-84.2537-4-52-000	7.2	190	1.50	1.603	.	-14.0	8700	-30	M	45.0	11960	-0.3	8.44
GAUP526R	13-32.7502-84.2438-4-52-000	7.0	173	0.80	0.031	.	65.0	14200	246	M	-10.0	16490	0.5	0.18
GAUP527R	13-32.7498-84.2009-4-52-000	6.7	51	0.30	0.021	.	-36.0	10700	-31	M	67.0	7320	0.9	0.41
GAUP528R	13-32.8024-84.1906-4-52-000	7.2	138	0.93	0.028	.	42.0	11200	190	M	88.0	10360	2.2	0.20
GAUP529R	13-32.8320-84.1473-4-52-000	6.9	69	0.30	0.014	.	-31.0	8700	95	M	95.0	10670	0.3	0.20
GAUP530R	13-32.8899-84.1520-4-52-000	6.8	76	0.53	-0.006	.	-10.0	7900	87	M	122.0	9990	0.3	M
GAUP531R	13-32.8864-84.1950-4-52-000	6.7	59	0.33	-0.006	.	21.0	8000	152	M	74.0	10190	0.7	M
GAUP532R	13-32.8394-84.2011-4-52-000	5.5	102	0.05	0.010	.	-18.0	19600	-25	M	114.0	15660	-0.3	0.10
GAUP533R	13-32.8357-84.2526-4-52-000	6.3	99	0.30	-0.006	.	24.0	12200	93	M	115.0	10460	-0.3	M
GAUP534R	13-32.8808-84.2524-4-53-000	5.7	65	0.10	0.027	.	-10.0	12400	-33	M	84.0	7330	0.4	0.42
GAWB501R	13-32.0367-84.4781-4-52-000	7.8	179	1.20	0.091	.	-10.0	-3000	-25	M	-10.0	690	-0.2	0.51
GAWB502R	13-32.0526-84.5150-4-52-000	5.8	30	0.10	0.028	.	12.0	-3000	-25	M	-10.0	-100	-0.2	0.93
GAWB503R	13-32.0947-84.5348-4-52-000	7.0	252	0.60	0.041	.	-10.0	13600	-25	M	-10.0	7490	-0.2	0.16
GAWB504R	13-32.1262-84.4492-4-52-000	7.3	188	1.10	0.037	.	-10.0	-3000	-25	M	25.0	1260	-0.2	0.26
GAWB505R	13-32.1303-84.5000-4-52-000	6.1	64	0.10	-0.006	.	12.0	12900	38	M	31.0	5390	-0.4	M
GAWB506R	13-32.1118-84.5650-4-52-000	5.1	16	0.02	0.030	.	27.0	5100	-25	M	31.0	2690	-0.2	1.88
GAWB507R	13-32.1540-84.5597-4-52-000	5.2	20	0.04	-0.006	.	35.0	7300	-29	M	41.0	2080	.	M
GAWB508R	13-32.1743-84.6078-4-52-000	5.2	38	0.04	0.035	.	-10.0	7400	105	M	-10.0	2590	-0.2	0.92
GAWB509R	13-32.1949-84.6259-4-52-000	6.3	110	0.36	-0.006	.	21.0	7300	206	M	81.0	2510	0.4	M
GAWB510R	13-32.1238-84.6172-4-52-000	5.4	32	0.04	-0.006	.	-10.0	9100	-30	M	43.0	3500	-0.2	M
GAWB511R	13-32.0850-84.5760-4-52-000	6.4	49	0.32	M	.	-10.0	3900	-25	M	73.0	2040	-0.3	M
GAWB512R	13-32.0682-84.6138-4-52-000	6.4	81	0.32	-0.006	.	-42.0	9800	-25	M	29.0	4760	0.4	M
GAWB513R	13-32.0407-84.6137-4-52-000	7.4	218	1.40	0.080	.	-10.0	5000	54	M	23.0	2330	0.4	0.37
GAWB514R	13-32.0438-84.5777-4-52-000	7.6	173	0.60	-0.006	.	-29.0	5900	37	M	28.0	2450	0.3	M
ALBR501R	01-32.0324-85.1052-4-52-000	7.0	28	0.08	0.044	.	-10.0	3500	40	M	25.0	2040	-0.2	1.57
ALBR502R	01-32.0251-85.0778-4-52-000	6.9	92	0.60	0.046	.	20.0	4800	27	M	-10.0	1300	0.2	0.50
ALBR503R	01-32.0199-85.1324-4-52-000	6.7	150	1.00	-0.006	.	-20.0	16900	-36	M	-10.0	9870	.	M
ALBR504R	01-32.0552-85.1524-4-52-000	6.7	151	0.80	-0.006	.	12.0	14800	-32	M	35.0	7380	.	M
ALBR505R	01-32.0755-85.2148-4-52-000	6.7	190	1.40	0.021	.	-42.0	6500	-25	M	22.0	3180	0.3	0.11
ALBR506R	01-32.0871-85.2098-4-52-000	8.5	1000	0.80	-0.011	.	58.0	39300	116	M	35.0	44380	.	M
ALBR507R	01-32.0884-85.2745-4-52-000	7.8	800	1.60	0.167	.	89.0	28000	.	M	28.0	35540	M	0.21
ALBR508R	01-32.0951-85.2979-4-52-000	9.0	460	0.80	-0.006	.	-10.0	-3000	-36	M	-10.0	4610	-0.4	M
ALBR509R	01-32.1380-85.3085-4-52-000	8.2	121	1.30	0.016	.	-22.0	4300	43	M	64.0	2920	0.5	0.13
ALBR510R	01-32.1378-85.3301-4-53-000	6.6	55	0.16	-0.006	.	-30.0	8300	-28	M	20.0	3720	M	M
ALBR511R	01-32.0220-85.1809-4-52-000	7.3	88	0.60	-0.006	.	-19.0	4000	-25	M	20.0	4570	.	M
ALBR512R	01-32.0351-85.2241-4-53-000	5.8	100	0.08	-0.006	.	10.0	11300	-32	M	41.0	4550	M	M
ALBR513R	01-32.0534-85.2557-4-52-000	7.0	210	2.40	0.873	.	19.0	6400	102	M	29.0	3450	-0.4	4.16
ALBR514R	01-32.0199-85.2939-4-52-000	6.1	151	0.00	0.143	.	-10.0	19200	-38	M	52.0	8570	-0.2	0.95
ALBR515R	01-32.0230-85.3255-4-52-000	8.0	275	3.40	0.014	.	86.0	25100	-46	M	16.0	30580	-0.2	0.05
ALBR516R	01-32.0326-85.3704-4-52-000	7.5	142	1.60	0.024	.	-24.0	8900	-31	M	24.0	4790	M	0.17
ALBR517R	01-32.0309-85.3890-4-52-000	8.6	334	3.60	0.013	.	18.0	8400	-30	M	23.0	43010	-0.2	0.04
ALBR518R	01-32.0760-85.4126-4-52-000	8.3	55	0.06	-0.006	.	-35.0	5400	-25	M	31.0	3990	.	M
ALBR519R	01-32.0952-85.3965-4-52-000	9.3	300	2.90	-0.006	.	14.0	7000	36	M	18.0	33750	M	M
ALBR520R	01-32.1363-85.3764-4-53-000	7.4	72	0.50	M	.	34.0	5600	-25	M	77.0	3310	0.4	M
ALBR521R	01-32.1014-85.3484-4-52-000	7.3	350	2.50	0.559	.	-52.0	12400	-28	M	38.0	13390	-0.2	1.60
ALBR522R	01-32.0972-85.3634-4-52-000	7.6	209	0.30	0.059	.	-10.0	4900	-25	M	31.0	3370	0.4	0.28
ALBR523R	01-32.0661-85.3821-4-52-000	6.9	108	1.00	0.048	.	-10.0	5400	-25	M	28.0	4850	0.8	0.44
ALBR524R	01-32.0742-85.3409-4-52-000	5.7	60	0.06	0.014	.	-36.0	11100	-29	M	54.0	4730	.	0.23

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 9
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALBR525R	01-32.0626-85.2985-4-52-000	6.5	85	0.90	M	.	-21.0	6000	-25	M	32.0	3020	.	M
ALBU501R	01-32.0580-85.4512-4-52-000	10.5	350	2.60	0.046	.	32.0	10000	53	M	-10.0	35290	.	0.13
ALBU502R	01-32.0868-85.4910-4-52-000	8.5	75	0.38	M	.	-25.0	7100	-27	M	25.0	3770	M	M
ALBU503R	01-32.0935-85.4520-4-52-000	7.4	60	0.40	-0.006	.	-10.0	3900	-25	M	25.0	1810	.	M
ALBU504R	01-32.1276-85.5010-4-52-000	9.0	290	1.80	-0.006	.	-10.0	9200	-32	M	11.0	36150	.	M
ALBU505R	01-32.1245-85.5301-4-52-000	8.0	34	0.30	M	.	-17.0	3200	-25	M	11.0	2200	-0.2	M
ALBU506R	01-32.1517-85.5348-4-52-000	6.7	95	0.00	0.070	.	-10.0	15100	-43	M	13.0	6050	M	0.74
ALBU507R	01-32.1538-85.4883-4-52-000	7.5	150	2.50	-0.006	.	18.0	7000	-25	M	-10.0	27950	-0.4	M
ALBU508R	01-32.1590-85.4362-4-52-000	8.7	400	2.10	M	.	-14.0	13700	-37	M	-10.0	56070	-0.3	M
ALBU509R	01-32.2116-85.4940-4-52-000	6.6	200	0.06	-0.006	.	-13.0	12700	-31	M	45.0	5140	.	M
ALBU510R	01-32.2314-85.4333-4-52-000	6.1	72	0.14	M	.	43.0	9800	-32	M	60.0	3870	M	M
ALBU511R	01-32.1997-85.4714-4-52-000	8.2	380	0.40	-0.006	.	M	88500	.	M	-10.0	31430	M	M
ALBU512R	01-32.1941-85.4477-4-52-000	8.1	260	2.30	-0.006	.	71.0	8200	25	M	13.0	24750	-0.2	M
ALBU513R	01-32.2035-85.5117-4-52-000	8.3	280	2.20	-0.006	.	-10.0	5800	39	M	25.0	10140	M	M
ALBU514R	01-32.1765-85.5228-4-52-000	7.5	400	2.70	0.245	.	-10.0	12300	-31	M	42.0	9180	.	0.61
ALBU515R	01-32.1471-85.5638-4-53-000	6.9	30	0.04	-0.006	.	-10.0	4000	-25	M	12.0	1410	.	M
ALBU516R	01-32.1218-85.5914-4-52-000	6.3	40	0.10	M	.	-23.0	5200	-25	M	12.0	2610	M	M
ALBU517R	01-32.1300-85.6391-4-52-000	6.5	149	0.12	0.070	.	-10.0	17800	-36	M	23.0	14250	.	0.47
ALBU518R	01-32.1554-85.6393-4-52-000	6.6	60	0.26	-0.006	.	-34.0	5600	-25	M	-10.0	2700	M	M
ALBU519R	01-32.1716-85.6149-4-53-000	5.1	30	0.00	0.030	.	-18.0	3600	-25	M	22.0	2530	.	1.00
ALBU520R	01-32.1576-85.6671-4-52-000	5.9	35	0.16	-0.006	.	-10.0	4400	-25	M	21.0	2320	0.2	M
ALBU521R	01-32.1721-85.5782-4-52-000	6.9	100	0.80	-0.006	.	19.0	5500	-25	M	22.0	3560	0.4	M
ALBU522R	01-32.2202-85.5984-4-53-000	6.8	25	0.08	0.013	.	-17.0	4000	-25	M	19.0	2240	0.3	0.52
ALBU523R	01-32.1966-85.6503-4-52-000	7.0	1500	3.00	23.100	.	9835.0	.	M	M	-10.0	12210	M	15.40
ALBU524R	01-32.1964-85.6664-4-52-000	8.0	38	1.30	0.102	.	10.0	15900	-39	M	17.0	27180	0.3	2.68
ALBU525R	01-32.2066-85.6710-4-52-000	8.0	290	1.70	0.058	.	-15.0	31700	32	M	13.0	24310	-0.4	0.20
ALBU526R	01-32.2180-85.7104-4-52-000	7.9	340	2.00	-0.006	.	-10.0	15600	-33	M	26.0	20300	.	M
ALBU527R	01-32.1859-85.7065-4-52-000	8.1	320	1.70	-0.006	.	-21.0	7000	-25	M	21.0	22200	-0.2	M
ALBU528R	01-32.1658-85.7073-4-52-000	7.6	148	2.20	0.019	.	-10.0	6900	36	M	42.0	3740	0.4	0.13
ALBU529R	01-32.1647-85.7663-4-52-000	6.6	179	1.40	0.029	.	87.0	23300	498	M	-10.0	35240	-0.2	0.16
ALBU530R	01-32.1897-85.7593-4-52-000	7.9	265	1.60	0.060	.	41.0	10300	-25	M	34.0	5710	M	0.23
ALBU531R	01-32.1868-85.7777-4-52-000	8.6	320	1.50	-0.006	.	-10.0	11100	-29	M	-10.0	20010	.	M
ALBU532R	01-32.1834-85.8171-4-52-000	8.5	325	2.00	-0.006	.	17.0	24100	-46	M	-10.0	35980	M	M
ALBU533R	01-32.2177-85.8294-4-52-000	7.6	449	2.00	-0.006	.	-51.0	15200	-38	M	25.0	30100	.	M
ALBU534R	01-32.2310-85.7951-4-52-000	7.5	405	2.60	M	.	-10.0	39200	.	M	12.0	35030	-0.3	M
ALBU535R	01-32.2104-85.7608-4-52-000	8.0	370	2.20	-0.006	.	-10.0	10600	-27	M	21.0	16020	.	M
ALBU536R	01-32.1492-85.7816-4-52-000	9.2	340	1.90	0.019	.	-11.0	39700	.	M	-10.0	33620	M	0.06
ALBU537R	01-32.1643-85.8332-4-52-000	6.2	114	0.08	M	.	13.0	11600	-33	M	-10.0	34410	-0.2	M
ALBU538R	01-32.1275-85.8306-4-52-000	6.1	279	0.70	0.021	.	-44.0	10500	-32	M	36.0	6010	M	0.08
ALBU539R	01-32.1263-85.8753-4-52-000	9.2	345	2.00	0.028	.	-10.0	32800	-50	M	126.0	12560	-0.2	0.08
ALBU540R	01-32.0939-85.8297-4-52-000	6.1	90	0.32	-0.006	.	-10.0	16000	-37	M	15.0	36230	.	M
ALBU541R	01-32.1191-85.7789-4-52-000	9.3	310	2.40	0.006	.	10.0	11700	-33	M	20.0	5590	M	0.02
ALBU542R	01-32.0879-85.7104-4-52-000	6.3	260	3.00	-0.006	.	-10.0	11700	-33	M	13.0	29940	.	M
ALBU543R	01-32.0678-85.7081-4-52-000	7.2	60	0.60	0.114	.	31.0	11200	30	M	24.0	13710	0.3	1.90
ALBU544R	01-32.0858-85.6672-4-52-000	6.6	229	1.70	-0.006	.	-32.0	3500	-25	M	22.0	2670	.	M
ALBU545R	01-32.0767-85.6322-4-52-000	7.3	140	1.60	0.068	.	12.0	8000	-27	M	87.0	3870	M	0.49
ALBU546R	01-32.0455-85.6412-4-52-000	6.1	102	0.80	0.045	.	-10.0	6300	49	M	41.0	3660	M	0.44
ALBU547R	01-32.0311-85.5891-4-52-000	5.6	68	0.04	-0.006	.	48.0	11500	-34	M	60.0	4360	.	M
ALBU548R	01-32.0116-85.5836-4-52-000	4.2	520	0.00	-0.012	.	M	19000	.	M	45.0	8940	M	M
ALBU549R	01-32.0231-85.5061-4-52-000	6.2	150	1.20	0.148	.	-49.0	-3000	-33	M	29.0	11290	.	0.99
ALBU550R	01-32.0307-85.5391-4-52-000	6.8	78	0.26	0.020	.	-29.0	7300	-27	M	84.0	4100	0.3	0.26
ALBU551R	01-32.0469-85.5370-4-52-000	6.1	192	1.60	M	.	-10.0	4800	-25	M	31.0	2170	.	M
ALBU552R	01-32.0343-85.4602-4-53-000	5.8	22	0.02	0.011	.	-23.0	6100	100	M	23.0	2910	.	0.50

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 10
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALBU553R	01-32.0817-85.7512-4-52-000	5.7	108	0.10	M	.	-27.0	4200	-25	M	17.0	2410	.	M
ALBU554R	01-32.0887-85.7857-4-52-000	9.1	165	1.80	0.015	.	-10.0	19400	-44	M	17.0	9690	.	0.09
ALBU555R	01-32.0424-85.7581-4-52-000	6.4	55	0.28	0.137	.	-23.0	5300	-25	M	20.0	2590	0.4	2.49
ALBU556R	01-32.0263-85.8061-4-52-000	7.0	65	0.70	-0.006	.	-22.0	4500	-25	M	26.0	3250	M	M
ALBU557R	01-32.0506-85.8367-4-52-000	6.0	215	0.40	M	.	12.0	3700	-25	M	18.0	2450	0.2	M
ALBU558R	01-32.0554-85.8630-4-52-000	4.9	75	0.00	-0.006	.	22.0	12000	-28	M	29.0	8530	.	M
ALBU559R	01-32.0729-85.8817-4-52-000	6.6	120	0.80	0.101	.	22.0	9800	-30	M	30.0	5140	.	0.84
ALBU560R	01-32.0510-85.8932-4-52-000	7.0	340	2.20	-0.006	.	.	.	.	M	.	.	-0.2	M
ALBU561R	01-32.0357-85.8925-4-52-000	6.2	70	0.04	0.041	.	310.0	16100	-35	M	41.0	13140	1.5	0.59
ALBU562R	01-32.0193-85.8710-4-52-000	8.0	270	2.00	M	.	-24.0	5300	-25	M	27.0	2650	0.2	M
ALBU563R	01-32.0010-85.8699-4-52-000	8.3	235	2.00	0.009	.	-14.0	7400	182	M	21.0	24390	M	0.04
ALBU564R	01-32.0598-85.7838-4-52-000	7.4	320	2.20	-0.006	.	-10.0	5200	313	M	-10.0	25650	.	M
ALBU565R	01-32.0168-85.7551-4-52-000	9.3	280	2.00	0.749	.	-10.0	13600	-29	M	105.0	12480	-0.2	2.68
ALBU566R	01-32.0237-85.7111-4-52-000	4.6	249	0.00	-0.006	.	-42.0	6100	38	M	28.0	27390	.	M
ALBU567R	01-32.1828-85.8857-4-52-000	6.8	160	1.30	0.183	.	1130.0	40200	.	M	-10.0	13940	-0.4	1.14
ALBU568R	01-32.1644-85.8967-4-52-000	7.0	150	1.40	0.040	.	-10.0	7400	-26	M	30.0	5310	0.2	0.27
ALBU569R	01-32.1538-85.9553-4-52-000	7.9	350	2.20	0.062	.	17.0	7800	42	M	44.0	6720	M	0.18
ALBU570R	01-32.1280-85.9685-4-52-000	9.2	345	2.00	0.266	.	-10.0	28200	-49	M	-10.0	43310	M	0.77
ALBU571R	01-32.1345-85.9868-4-52-000	9.3	290	2.10	0.018	.	-10.0	14100	52	M	18.0	38570	M	0.06
ALBU572R	01-32.1181-85.9428-4-52-000	9.2	229	1.60	-0.006	.	16.0	8800	50	M	18.0	30700	-0.2	M
ALBU573R	01-32.0876-85.9333-4-52-000	8.7	118	0.70	0.048	.	-15.0	6700	29	M	11.0	29550	-0.3	0.41
ALBU574R	01-32.0610-85.9457-4-52-000	8.4	110	2.00	0.092	.	-19.0	4200	-25	M	24.0	3000	0.4	0.84
ALBU575R	01-32.0764-85.9718-4-53-000	7.3	30	0.06	-0.006	.	13.0	6200	217	M	21.0	19730	.	M
ALBU576R	01-32.0400-85.9800-4-52-000	6.2	55	0.10	M	.	-10.0	4400	-25	M	31.0	2370	-0.2	M
ALBU577R	01-32.0710-85.8989-4-52-000	5.6	20	0.04	-0.006	.	-10.0	9700	-31	M	28.0	3100	M	M
ALBU578R	01-32.1134-85.9114-4-52-000	9.2	235	1.90	-0.006	.	-10.0	4500	-25	M	29.0	1980	.	M
ALBU579R	01-32.2048-85.8843-4-52-000	9.0	350	2.30	-0.006	.	-26.0	5300	38	M	20.0	26200	-0.2	M
ALBU580R	01-32.2146-85.8904-4-52-000	8.6	350	1.60	0.009	.	-34.0	16700	-39	M	15.0	42080	M	0.03
ALBU581R	01-32.2362-85.8868-4-52-000	8.1	370	2.30	-0.006	.	-10.0	13200	-35	M	-10.0	26910	.	M
ALBU582R	01-32.2754-85.8924-4-52-000	8.0	350	1.70	M	.	-10.0	17300	-41	M	20.0	34360	-0.4	M
ALBU583R	01-32.2422-85.9391-4-52-000	9.0	380	2.10	-0.006	.	-11.0	24200	-44	M	24.0	24310	-0.2	M
ALBU584R	01-32.2695-85.9575-4-52-000	8.7	410	1.90	-0.006	.	44.0	12500	-27	M	22.0	39540	.	M
ALBU585R	01-32.2660-85.9789-4-52-000	9.1	370	2.00	M	.	58.0	26100	-48	M	22.0	46490	.	M
ALBU586R	01-32.1833-85.9531-4-52-000	9.3	325	1.70	-0.006	.	-10.0	17400	-41	M	14.0	41970	-0.4	M
ALBU587R	01-32.2058-85.9762-4-52-000	9.3	350	1.80	M	.	35.0	16800	-40	M	-10.0	37300	-0.2	M
ALBU588R	01-32.1859-85.9813-4-52-000	9.5	300	1.80	M	.	-10.0	12900	-32	M	19.0	35990	-0.3	M
ALBU589R	01-32.1931-85.9240-4-52-000	9.2	330	1.90	M	.	-33.0	12000	-30	M	-10.0	32480	-0.2	M
ALBU590R	01-32.1216-85.6680-4-52-000	7.5	160	1.00	M	.	-26.0	12600	-29	M	-10.0	39560	.	M
ALBU591R	01-32.0594-85.6704-4-52-000	9.4	270	2.30	-0.006	.	24.0	5700	44	M	-10.0	24500	M	M
ALBU592R	01-32.0190-85.6720-4-52-000	8.4	18	0.12	M	.	-10.0	3700	-25	M	-10.0	1930	-0.3	M
ALBU593R	01-32.0116-85.6478-4-52-000	6.6	40	0.16	M	.	-18.0	4100	-25	M	17.0	1840	.	M
ALBU594R	01-32.0536-85.5956-4-52-000	9.5	270	1.90	M	.	13.0	6600	47	M	-10.0	35060	M	M
ALBU595R	01-32.0989-85.5815-4-52-000	7.0	118	0.16	-0.006	.	-34.0	16300	-36	M	28.0	6660	-0.2	M
ALBU596R	01-32.1380-85.5970-4-52-000	5.9	52	0.24	M	.	16.0	4600	-25	M	12.0	1880	0.3	M
ALBU597R	01-32.1216-85.5627-4-52-000	6.7	100	0.70	0.007	.	-19.0	4500	29	M	-10.0	1740	0.2	0.07
ALBU598R	01-32.0759-85.5704-4-52-000	7.0	90	0.50	-0.006	.	-34.0	7100	-25	M	-10.0	2940	-0.2	M
ALBU599R	01-32.0599-85.5597-4-52-000	5.6	100	0.06	-0.006	.	.	.	.	M	.	.	-0.2	M
ALBU600R	01-32.0924-85.5325-4-53-000	5.5	40	0.00	M	.	-19.0	5400	-25	M	10.0	1950	.	M
ALCH507R	01-32.9943-85.5702-4-52-000	5.8	32	0.16	0.043	.	16.0	4300	-25	M	-10.0	4100	-0.2	1.34
ALCH513R	01-32.7609-85.4771-4-52-000	7.1	38	0.20	0.023	.	12.0	4400	25	M	10.0	100	-0.2	0.61
ALCH514R	01-32.7763-85.5135-4-52-000	5.2	103	0.05	0.050	.	-10.0	15100	-25	M	188.0	7210	-0.2	0.49
ALCH515R	01-32.7811-85.5726-4-52-000	5.7	26	0.10	0.037	.	-10.0	4200	-25	M	-10.0	1890	-0.2	1.42
ALCH516R	01-32.8201-85.5210-4-52-000	6.0	43	0.17	0.051	.	-10.0	4400	-25	M	-10.0	1630	-0.2	1.19

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 11
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALCH517R	01-32.8298-85.5642-4-52-000	5.8	41	0.20	0.038	.	14.0	5300	-25	M	-10.0	4380	-0.2	0.93
ALCH518R	01-32.8716-85.5682-4-52-000	5.9	199	0.20	0.024	.	15.0	13600	-25	M	-10.0	7930	-0.2	0.12
ALCH519R	01-32.9155-85.5649-4-52-000	6.3	66	0.47	0.047	.	29.0	3900	-25	M	-10.0	4170	5.1	0.71
ALCH520R	01-32.9464-85.5516-4-52-000	6.0	84	0.25	-0.006	.	-10.0	5900	-25	M	27.0	5300	0.2	M
ALCH521R	01-32.9644-85.5145-4-52-000	6.2	42	0.23	0.019	.	-19.0	3100	-25	M	20.0	3240	.	0.45
ALCH522R	01-32.9969-85.4984-4-52-000	5.6	71	0.15	M	.	-10.0	5200	-25	M	45.0	3200	.	M
ALCH524R	01-32.9886-85.4158-4-52-000	6.0	110	0.40	-0.006	.	-17.0	6900	-25	M	26.0	5050	M	M
ALCH529R	01-32.9960-85.2397-4-52-000	10.7	355	1.50	-0.006	.	-30.0	9600	-26	M	14.0	9050	1.2	M
ALCH530R	01-32.9894-85.3027-4-52-000	7.8	102	0.80	4.942	.	-14.0	3200	-25	M	25.0	4340	1.9	48.45
ALCH531R	01-32.9418-85.3586-4-52-000	7.2	119	0.12	-0.006	.	-45.0	10500	-26	M	31.0	6890	-0.2	M
ALCH532R	01-32.9448-85.4067-4-52-000	5.6	66	0.10	0.015	.	-10.0	-3000	-25	M	-10.0	-100	-0.2	0.23
ALCH533R	01-32.9555-85.4642-4-52-000	4.8	210	0.00	0.025	.	-10.0	28000	-43	M	48.0	14590	.	0.12
ALCH534R	01-32.9066-85.4309-4-52-000	6.1	125	0.35	0.032	.	-50.0	12300	-27	M	94.0	4880	.	0.26
ALCH535R	01-32.9059-85.4992-4-52-000	5.8	56	0.13	-0.006	.	19.0	4800	-25	M	38.0	3830	-0.2	M
ALCH536R	01-32.8611-85.5111-4-52-000	6.0	39	0.18	-0.006	.	-26.0	3100	-25	M	22.0	2550	.	M
ALCH537R	01-32.8623-85.4556-4-52-000	5.7	51	0.20	M	.	20.0	4200	-25	M	30.0	2850	.	M
ALCH538R	01-32.8256-85.4451-4-52-000	6.1	87	0.30	-0.006	.	18.0	4200	-25	M	-10.0	3660	-0.2	M
ALCH539R	01-32.7877-85.4550-4-52-000	6.0	22	0.06	M	.	12.0	3500	-25	M	21.0	2270	-0.2	M
ALCH540R	01-32.7518-85.4003-4-52-000	5.9	49	0.20	0.014	.	12.0	4400	-25	M	26.0	3530	-0.2	0.25
ALCH541R	01-32.7625-85.1674-4-52-000	5.8	20	0.08	-0.006	.	16.0	3100	-25	M	50.0	1440	-0.4	M
ALCH542R	01-32.7669-85.2040-4-52-000	5.7	31	0.12	M	.	-10.0	3900	-25	M	36.0	2020	-0.4	M
ALCH543R	01-32.7569-85.2678-4-52-000	5.5	29	0.14	M	.	-10.0	3400	-25	M	21.0	1890	-0.2	M
ALCH544R	01-32.7533-85.3086-4-52-000	6.4	94	0.60	-0.006	.	-10.0	3300	-25	M	31.0	3750	7.6	M
ALCH545R	01-32.7739-85.3588-4-52-000	7.0	141	0.50	3.029	.	-17.0	3000	-25	M	34.0	4270	1.2	21.48
ALCH546R	01-32.7916-85.4205-4-52-000	6.6	99	0.35	-0.006	.	-34.0	4500	-25	M	35.0	3760	1.2	M
ALCH547R	01-32.8443-85.4112-4-52-000	6.8	480	0.70	-0.006	.	-52.0	-3000	-25	M	-10.0	27330	.	M
ALCH548R	01-32.9151-85.3613-4-52-000	6.9	81	0.45	0.014	.	-20.0	3400	-25	M	29.0	2750	1.2	0.17
ALCH549R	01-32.9091-85.3107-4-52-000	6.0	42	0.07	M	.	-10.0	6800	-25	M	30.0	3200	M	M
ALCH550R	01-32.9419-85.2876-4-52-000	6.2	38	0.24	M	.	-29.0	3300	-25	M	39.0	2080	-0.2	M
ALCH551R	01-32.9633-85.2270-4-52-000	5.8	52	0.27	M	.	12.0	4000	-25	M	25.0	3020	-0.2	M
ALCH552R	01-32.9303-85.2336-4-52-000	5.7	39	0.16	-0.006	.	-21.0	4200	-25	M	28.0	3340	.	M
ALCH553R	01-32.8917-85.2340-4-52-000	6.0	44	0.23	M	.	-22.0	4600	-25	M	30.0	2810	0.2	M
ALCH554R	01-32.8707-85.3085-4-52-000	6.4	119	0.60	-0.006	.	-10.0	5100	-25	M	34.0	4890	2.2	M
ALCH555R	01-32.8778-85.3508-4-52-000	6.2	69	0.40	-0.006	.	-20.0	5200	-25	M	30.0	4130	0.2	M
ALCH556R	01-32.8302-85.3464-4-52-000	6.5	157	1.25	-0.006	.	-30.0	3500	-25	M	37.0	3580	3.7	M
ALCH557R	01-32.8141-85.3005-4-52-000	6.4	157	1.00	-0.006	.	-10.0	6300	-25	M	39.0	6100	0.4	M
ALCH558R	01-32.8004-85.2493-4-52-000	6.7	97	0.30	-0.006	.	-10.0	7500	-26	M	28.0	5450	-0.4	M
ALCH559R	01-32.8499-85.2574-4-52-000	6.1	88	0.16	-0.006	.	-10.0	8100	-26	M	35.0	5600	.	M
ALEL506R	01-32.4809-85.9638-4-53-000	5.5	40	0.04	0.016	.	47.0	8000	-31	M	89.0	13900	-0.2	0.40
ALEL507R	01-32.4672-85.9338-4-52-000	5.5	50	0.10	0.018	.	98.0	11500	-38	M	213.0	14900	M	0.36
ALEL508R	01-32.4782-85.8927-4-52-000	5.7	80	0.30	0.023	.	95.0	13400	-41	M	95.0	16390	-0.3	0.29
ALEL509R	01-32.4939-85.9104-4-52-000	5.6	70	0.16	0.025	.	47.0	11400	-25	M	97.0	14570	0.6	0.36
ALEL510R	01-32.5335-85.9371-4-52-000	6.1	80	0.20	0.016	.	21.0	10400	-34	M	98.0	14600	-0.3	0.20
ALEL511R	01-32.5158-85.9341-4-52-000	6.4	80	0.28	0.018	.	-10.0	9800	-25	M	81.0	14260	-0.3	0.23
ALEL515R	01-32.5116-85.9812-4-52-000	6.7	140	0.42	-0.006	.	91.0	16000	-41	M	97.0	16160	0.3	M
ALEL544R	01-32.5829-85.9029-4-52-000	6.5	90	0.28	-0.006	.	82.0	12300	-39	M	65.0	14980	-0.4	M
ALEL545R	01-32.5993-85.9114-4-52-000	5.9	30	0.12	-0.007	.	37.0	8000	-30	M	56.0	13050	M	M
ALEL546R	01-32.6213-85.9437-4-52-000	5.3	150	0.06	0.036	.	24.0	15200	-25	M	155.0	13960	M	0.24
ALEL547R	01-32.6268-85.9492-4-52-000	6.5	100	0.26	0.343	.	560.0	10900	-35	M	50.0	15880	1.1	3.43
ALEL548R	01-32.6717-85.9458-4-52-000	6.2	110	0.73	0.759	.	41.0	8200	69	M	131.0	16660	-0.3	6.90
ALEL549R	01-32.7031-85.9734-4-52-000	6.1	45	0.34	0.046	.	21.0	5700	-25	M	57.0	13670	-0.3	1.02
ALEL554R	01-32.6686-85.9807-4-52-000	5.7	90	0.28	0.077	.	110.0	18000	-25	M	99.0	18130	0.4	0.86
ALEL555R	01-32.6477-85.9902-4-52-000	5.5	90	0.12	0.021	.	-13.0	27300	.	M	150.0	27670	M	0.23

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 12
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. 11:16 MONDAY, JUNE 15, 1981 *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALLE556R	01-32.6048-85.9753-4-52-000	6.1	45	0.14	M	.	37.0	8100	-29	M	80.0	13560	.	M
ALLE587R	01-32.7246-85.9718-4-52-000	6.5	55	0.34	0.011	.	32.0	6500	525	M	76.0	14810	M	0.20
ALLE588R	01-32.7273-85.9969-4-52-000	6.4	110	0.80	0.022	.	28.0	8900	-25	M	79.0	16150	0.7	0.20
ALLE589R	01-32.7260-85.9227-4-52-000	6.1	40	0.22	0.020	.	76.0	6400	55	M	84.0	15430	0.3	0.50
ALLE501R	01-32.5273-85.0313-4-52-000	7.4	30	0.02	M	.	-10.0	4300	-25	M	32.0	2550	.	M
ALLE502R	01-32.5415-85.0466-4-52-000	7.5	321	0.30	0.894	.	-17.0	3600	157	M	24.0	7870	0.9	2.79
ALLE503R	01-32.5685-85.0685-4-52-000	7.4	198	1.10	0.042	.	-25.0	7500	-25	M	32.0	7060	0.2	0.21
ALLE504R	01-32.6088-85.1117-4-52-000	7.5	540	1.60	0.689	.	-17.0	79900	.	M	222.0	32120	-0.4	1.28
ALLE505R	01-32.6141-85.1227-4-52-000	7.5	321	2.10	-0.009	.	41.0	7200	255	M	47.0	23230	18.7	M
ALLE506R	01-32.6487-85.1473-4-52-000	6.7	90	0.17	-0.006	.	-44.0	7400	-25	M	34.0	4650	0.4	M
ALLE507R	01-32.7398-85.1449-4-52-000	6.5	60	0.10	-0.006	.	-24.0	5000	-25	M	-10.0	1920	M	M
ALLE508R	01-32.7050-85.1434-4-52-000	5.9	140	0.10	-0.006	.	-58.0	15300	-39	M	35.0	5100	M	M
ALLE509R	01-32.7331-85.1851-4-52-000	6.5	108	0.07	-0.006	.	-10.0	16000	-40	M	33.0	7100	M	M
ALLE510R	01-32.7171-85.2040-4-52-000	6.6	35	0.10	-0.006	.	-24.0	3900	-25	M	22.0	1770	-0.2	M
ALLE511R	01-32.7293-85.2237-4-52-000	5.7	37	0.08	M	.	-23.0	5200	-25	M	30.0	2380	-0.2	M
ALLE512R	01-32.7348-85.2514-4-52-000	6.6	35	0.10	M	.	16.0	4700	-25	M	27.0	2580	-0.3	M
ALLE513R	01-32.7074-85.2477-4-52-000	6.1	65	0.08	M	.	10.0	7800	-28	M	31.0	3040	.	M
ALLE514R	01-32.6322-85.1927-4-52-000	6.1	52	0.22	-0.006	.	18.0	4100	-25	M	24.0	2190	.	M
ALLE515R	01-32.6133-85.2147-4-52-000	5.9	28	0.05	M	.	13.0	4400	-25	M	28.0	2290	M	M
ALLE516R	01-32.6036-85.1767-4-52-000	7.0	95	0.67	M	.	22.0	4000	-25	M	23.0	1930	0.3	M
ALLE517R	01-32.5843-85.1662-4-52-000	6.5	98	0.45	M	.	-10.0	-3000	-25	M	60.0	3390	0.2	M
ALLE518R	01-32.5734-85.1354-4-52-000	7.4	138	0.90	0.063	.	-10.0	-3000	39	M	31.0	3110	.	0.46
ALLE519R	01-32.5088-85.0768-4-52-000	6.5	32	0.14	0.057	.	-10.0	3600	93	M	20.0	3480	.	1.78
ALLE520R	01-32.5148-85.0953-4-52-000	8.0	190	0.60	-0.006	.	-15.0	-3000	-25	M	22.0	3840	1.1	M
ALLE521R	01-32.5156-85.1425-4-52-000	7.1	65	0.70	M	.	-10.0	-3000	-25	M	19.0	2170	-0.3	M
ALLE522R	01-32.5355-85.1343-4-52-000	6.1	33	0.06	0.021	.	-27.0	-3000	-25	M	48.0	3040	.	0.64
ALLE523R	01-32.5489-85.1664-4-52-000	6.5	98	0.60	0.018	.	-10.0	15800	-32	M	65.0	6760	.	0.18
ALLE524R	01-32.5127-85.1729-4-52-000	6.5	298	0.30	M	.	-17.0	-3000	-25	M	23.0	2430	0.8	M
ALLE525R	01-32.4819-85.1807-4-52-000	7.0	80	0.24	0.015	.	-23.0	5700	-25	M	27.0	3930	-0.3	0.19
ALLE526R	01-32.4808-85.2162-4-52-000	6.0	72	0.07	M	.	12.0	3000	-25	M	26.0	3140	.	M
ALLE527R	01-32.5206-85.2198-4-52-000	6.2	37	0.12	0.270	.	-16.0	-3000	174	M	26.0	11840	.	7.30
ALLE528R	01-32.5220-85.2556-4-52-000	7.5	900	0.90	0.034	.	30.0	31500	.	M	44.0	23300	-0.3	0.04
ALLE529R	01-32.5467-85.2524-4-52-000	7.4	356	0.90	M	.	-24.0	-3000	-25	M	24.0	2570	-0.4	M
ALLE530R	01-32.5816-85.2636-4-52-000	6.1	280	0.40	-0.006	.	-22.0	4800	-25	M	29.0	2850	.	M
ALLE531R	01-32.4809-85.2453-4-52-000	6.1	72	0.06	-0.006	.	-10.0	30600	-45	M	29.0	8760	M	M
ALLE532R	01-32.4854-85.3036-4-52-000	6.0	85	0.14	M	.	-20.0	3300	-25	M	32.0	3270	.	M
ALLE533R	01-32.4940-85.3293-4-52-000	5.9	60	0.14	0.014	.	-16.0	-3000	-25	M	30.0	2870	-0.4	0.23
ALLE534R	01-32.4906-85.3678-4-52-000	6.7	37	0.06	M	.	12.0	3000	-25	M	23.0	3390	-0.2	M
ALLE535R	01-32.4566-85.3713-4-52-000	7.8	100	1.20	-0.006	.	-18.0	3400	-25	M	19.0	3340	.	M
ALLE536R	01-32.4321-85.3591-4-52-000	7.7	380	1.40	0.204	.	-10.0	12800	-28	M	25.0	8340	-0.4	0.54
ALLE537R	01-32.4276-85.4272-4-52-000	6.4	69	0.30	-0.006	.	21.0	4900	-25	M	33.0	3960	0.3	M
ALLE538R	01-32.4607-85.4041-4-52-000	6.3	205	0.23	0.009	.	-10.0	13600	-30	M	34.0	11650	.	0.04
ALLE539R	01-32.4854-85.4015-4-52-000	7.4	279	1.00	0.025	.	-34.0	23300	-41	M	26.0	12490	0.3	0.09
ALLE540R	01-32.5166-85.3810-4-52-000	6.3	58	0.20	-0.006	.	-23.0	5200	-25	M	30.0	3640	0.3	M
ALLE541R	01-32.5474-85.3721-4-52-000	7.4	111	0.17	0.037	.	-10.0	16700	115	M	46.0	7120	M	0.33
ALLE542R	01-32.5430-85.3432-4-52-000	7.2	221	0.70	-0.006	.	-52.0	23000	-50	M	46.0	17740	0.3	M
ALLE543R	01-32.5193-85.3256-4-52-000	6.1	45	0.05	0.026	.	-46.0	15700	-42	M	27.0	3230	-0.2	0.58
ALLE544R	01-32.5270-85.2993-4-52-000	6.0	40	0.17	-0.006	.	21.0	10300	-35	M	160.0	2810	-0.3	M
ALLE545R	01-32.5089-85.2710-4-52-000	5.2	58	0.02	0.044	.	-44.0	12600	26	M	44.0	3730	.	0.76
ALLE546R	01-32.5618-85.4139-4-52-000	8.2	205	1.30	0.014	.	-13.0	8200	637	M	31.0	23860	-0.3	0.07
ALLE547R	01-32.5394-85.4067-4-52-000	7.9	86	0.43	0.098	.	-10.0	14200	46	M	24.0	4560	0.9	0.09
ALLE548R	01-32.5151-85.4124-4-52-000	5.9	18	0.06	-0.006	.	10.0	14800	-41	M	35.0	3930	0.4	M
ALLE549R	01-32.5034-85.4417-4-52-000	6.0	47	0.13	M	.	-10.0	9300	-30	M	29.0	2620	-0.3	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 13
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALLE550R	01-32.5353-85.4506-4-52-000	7.3	90	0.27	0.033	.	-10.0	13900	44	M	35.0	4770	-0.3	0.37
ALLE551R	01-32.5372-85.4721-4-52-000	6.3	130	0.70	0.011	.	-10.0	17100	55	M	54.0	5420	M	0.08
ALLE552R	01-32.5161-85.4772-4-52-000	6.6	291	0.20	0.018	.	-23.0	27500	.	M	-10.0	33860	.	0.06
ALLE553R	01-32.5454-85.5012-4-52-000	7.9	260	1.50	0.054	.	43.0	3800	371	M	245.0	8100	M	0.21
ALLE554R	01-32.5220-85.5184-4-52-000	6.4	40	0.17	-0.006	.	23.0	10200	-25	M	219.0	2260	-0.2	M
ALLE555R	01-32.5396-85.5232-4-52-000	6.8	65	0.90	-0.006	.	.	.	.	M	.	.	-0.2	M
ALLE556R	01-32.5508-85.5637-4-52-000	8.1	110	0.50	0.008	.	34.0	12200	80	M	47.0	4150	0.9	0.07
ALLE557R	01-32.5936-85.5850-4-52-000	7.6	145	0.50	0.012	.	31.0	8900	-29	M	23.0	7190	0.2	0.08
ALLE558R	01-32.5908-85.6089-4-52-000	7.2	151	0.60	-0.006	.	-10.0	11200	-30	M	37.0	5330	0.9	M
ALLE559R	01-32.5503-85.6094-4-52-000	5.5	80	0.02	0.015	.	19.0	10400	-30	M	39.0	5010	-0.2	0.19
ALLE560R	01-32.5622-85.6350-4-52-000	6.0	136	0.20	-0.006	.	-53.0	15000	-25	M	53.0	5300	M	M
ALLE561R	01-32.5881-85.6330-4-52-000	5.9	20	0.02	-0.006	.	-39.0	6100	-25	M	25.0	4180	M	M
ALLE562R	01-32.6162-85.6076-4-52-000	7.2	110	0.50	3.791	.	20.0	6200	-25	M	24.0	4490	0.3	34.46
ALLE563R	01-32.6168-85.6379-4-52-000	7.1	95	0.45	-0.006	.	-32.0	4100	-25	M	34.0	4010	1.5	M
ALLE564R	01-32.6556-85.5777-4-52-000	6.8	160	0.80	0.287	.	-10.0	4200	81	M	76.0	6120	-0.2	1.79
ALLE565R	01-32.6869-85.5757-4-52-000	7.2	123	0.60	-0.006	.	-10.0	15800	-31	M	34.0	5610	.	M
ALLE566R	01-32.7042-85.6097-4-52-000	6.9	60	0.35	-0.006	.	-15.0	-3000	-25	M	36.0	3490	-0.2	M
ALLE567R	01-32.6975-85.6394-4-52-000	5.5	270	0.00	0.146	.	-14.0	18000	-41	M	291.0	11230	-0.2	0.54
ALLE568R	01-32.6968-85.6719-4-52-000	5.8	68	0.06	-0.006	.	-24.0	7700	-27	M	35.0	6290	M	M
ALLE569R	01-32.6772-85.6723-4-52-000	6.2	60	0.28	-0.006	.	-10.0	-3000	-25	M	27.0	4670	.	M
ALLE570R	01-32.6627-85.6346-4-52-000	6.8	40	0.18	-0.006	.	-16.0	3400	-25	M	80.0	3790	.	M
ALLE571R	01-32.6629-85.4768-4-52-000	6.9	110	0.60	-0.006	.	-18.0	3100	-25	M	28.0	4480	.	M
ALLE572R	01-32.6616-85.5146-4-52-000	6.2	145	0.15	-0.006	.	26.0	10400	-31	M	38.0	7830	M	M
ALLE573R	01-32.6681-85.5540-4-52-000	6.6	182	0.35	-0.006	.	-10.0	17000	-32	M	101.0	8060	.	M
ALLE574R	01-32.6968-85.5133-4-52-000	6.5	49	0.14	-0.006	.	20.0	-3000	-25	M	30.0	3420	-0.2	M
ALLE575R	01-32.7014-85.5473-4-52-000	7.2	82	0.38	-0.006	.	-10.0	3200	-25	M	71.0	3720	-0.2	M
ALLE576R	01-32.7234-85.5089-4-52-000	6.4	162	0.55	-0.006	.	-10.0	7500	-26	M	47.0	5160	-0.2	M
ALLE577R	01-32.7083-85.4779-4-52-000	6.5	130	0.30	-0.006	.	-10.0	9000	-25	M	50.0	4640	-0.2	M
ALLE578R	01-32.7074-85.4310-4-52-000	6.3	48	0.18	0.007	.	-19.0	4900	-25	M	23.0	3350	0.3	0.15
ALLE580R	01-32.7185-85.3794-4-52-000	6.8	82	0.40	-0.006	.	-10.0	5300	-25	M	63.0	3310	.	M
ALLE581R	01-32.6956-85.3476-4-52-000	6.3	100	0.30	M	.	-23.0	4600	-25	M	14.0	3080	-0.2	M
ALLE582R	01-32.7049-85.2920-4-52-000	7.3	110	0.35	-0.006	.	-11.0	7300	191	M	10.0	6500	.	M
ALLE583R	01-32.6678-85.2996-4-52-000	5.8	28	0.10	-0.006	.	-31.0	9200	-30	M	23.0	5290	M	M
ALLE584R	01-32.6851-85.2572-4-52-000	5.5	110	0.02	M	.	-28.0	7000	-25	M	34.0	3500	-0.2	M
ALLE585R	01-32.6071-85.2448-4-52-000	6.7	150	0.35	0.702	.	-10.0	5200	-25	M	14.0	4950	0.7	4.68
ALLE586R	01-32.6593-85.2626-4-52-000	7.6	65	0.40	M	.	-18.0	3300	63	M	20.0	3230	.	M
ALLE587R	01-32.6388-85.2914-4-52-000	7.0	58	0.27	M	.	-27.0	6300	-25	M	17.0	2940	M	M
ALMA501R	01-32.5033-85.6355-4-52-000	7.7	146	0.85	0.063	.	-28.0	5700	31	M	85.0	7490	-0.2	0.43
ALMA502R	01-32.5371-85.6311-4-52-000	5.5	75	0.10	0.027	.	-10.0	4700	27	M	81.0	6820	-0.2	0.36
ALMA503R	01-32.5378-85.6123-4-52-000	6.5	182	0.40	0.012	.	-10.0	6600	-25	M	79.0	9920	-0.2	0.07
ALMA504R	01-32.5781-85.6896-4-52-000	8.6	120	0.53	0.011	.	-10.0	3800	-25	M	83.0	7200	0.3	0.09
ALMA505R	01-32.5887-85.7175-4-52-000	6.8	122	0.50	0.015	.	-15.0	9200	-25	M	80.0	9600	-0.3	0.12
ALMA506R	01-32.5790-85.7397-4-52-000	5.5	35	0.10	0.018	.	-25.0	4500	-25	M	77.0	7760	-0.2	0.51
ALMA507R	01-32.5611-85.7837-4-52-000	8.1	115	0.45	-0.006	.	-10.0	-3000	-25	M	75.0	7200	-0.3	M
ALMA508R	01-32.5302-85.7752-4-52-000	7.5	88	0.25	-0.006	.	-10.0	5300	-25	M	86.0	8260	-0.2	M
ALMA509R	01-32.5499-85.7522-4-52-000	8.4	200	1.00	0.027	.	-25.0	5400	31	M	90.0	8030	-0.2	0.14
ALMA510R	01-32.5412-85.7074-4-52-000	8.4	85	0.35	0.011	.	-10.0	4300	-25	M	79.0	8670	0.4	0.13
ALMA511R	01-32.5079-85.7045-4-52-000	8.4	110	0.60	-0.006	.	37.0	-3000	-25	M	88.0	7140	0.2	M
ALMA512R	01-32.5115-85.5394-4-52-000	6.8	131	0.25	0.052	.	-10.0	5900	-25	M	95.0	7590	0.3	0.40
ALMA513R	01-32.4863-85.5321-4-52-000	6.7	32	0.15	0.063	.	-10.0	-3000	-25	M	85.0	7110	-0.2	1.97
ALMA514R	01-32.4553-85.5352-4-52-000	6.1	68	0.07	0.027	.	-10.0	3400	-25	M	85.0	7480	-0.2	0.40
ALMA515R	01-32.4412-85.5061-4-52-000	6.9	80	0.25	0.015	.	-10.0	5300	-25	M	83.0	7820	-0.2	0.19
ALMA516R	01-32.4647-85.4951-4-52-000	7.2	236	0.85	0.017	.	-46.0	7400	-25	M	72.0	11150	0.6	0.07

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 14
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALMA517R	01-32.4760-85.4657-4-52-000	7.3	30	0.17	0.013	.	-14.0	-3000	-25	M	64.0	7150	0.5	0.43
ALMA518R	01-32.4878-85.4480-4-52-000	7.4	690	0.50	0.139	.	-10.0	88800	M	M	87.0	32160	.	0.20
ALMA519R	01-32.4374-85.4476-4-52-000	7.6	108	0.43	0.067	.	-10.0	9300	-48	M	61.0	13360	-0.2	0.62
ALMA520R	01-32.4337-85.4845-4-52-000	7.5	192	1.10	0.098	.	28.0	7200	-39	M	59.0	13150	M	0.51
ALMA521R	01-32.4097-85.4802-4-52-000	5.9	110	0.13	0.033	.	-10.0	15300	29	M	52.0	18960	.	0.30
ALMA522R	01-32.2998-85.4750-4-52-000	8.4	220	0.60	0.348	.	-10.0	5900	391	M	42.0	23120	-0.4	1.58
ALMA523R	01-32.3007-85.4409-4-52-000	6.7	382	0.40	0.127	.	31.0	18600	50	M	89.0	26360	-0.2	0.33
ALMA524R	01-32.2722-85.4427-4-52-000	6.2	30	0.15	0.041	.	-10.0	3500	-25	M	47.0	11280	-0.4	1.37
ALMA525R	01-32.2427-85.4563-4-52-000	7.5	112	0.60	0.085	.	-10.0	5200	-31	M	39.0	12170	1.1	0.76
ALMA526R	01-32.2405-85.5221-4-52-000	6.6	1250	0.30	0.010	.	242.0	44000	.	M	38.0	25220	M	0.01
ALMA527R	01-32.2808-85.5348-4-52-000	8.0	124	0.50	0.137	.	-10.0	6900	51	M	49.0	16140	0.9	1.10
ALMA528R	01-32.2938-85.5049-4-52-000	6.8	148	0.30	0.024	.	11.0	13800	.	M	77.0	16870	-0.3	0.16
ALMA529R	01-32.3129-85.5482-4-52-000	5.9	26	0.05	0.030	.	-10.0	5400	-34	M	55.0	11730	-0.3	1.15
ALMA530R	01-32.3489-85.5829-4-52-000	6.7	3950	4.60	M	.	552.0	53500	.	M	76.0	12430	.	M
ALMA531R	01-32.3800-85.6089-4-52-000	6.1	110	0.20	0.311	.	51.0	17700	.	M	65.0	14900	.	2.83
ALMA532R	01-32.4032-85.6478-4-52-000	6.9	329	0.50	0.027	.	-10.0	24800	.	M	92.0	27160	-0.4	0.08
ALMA533R	01-32.4917-85.5552-4-52-000	10.0	85	0.43	0.031	.	-10.0	4900	-27	M	41.0	11350	1.2	0.36
ALMA534R	01-32.4702-85.5619-4-52-000	5.4	92	0.03	0.135	.	-10.0	7800	49	M	72.0	12090	M	1.47
ALMA535R	01-32.4514-85.5612-4-52-000	7.5	85	0.17	0.093	.	-10.0	6600	38	M	60.0	11710	0.8	1.05
ALMA536R	01-32.4309-85.5730-4-53-000	5.9	53	0.10	0.048	.	-10.0	6700	-36	M	69.0	12230	M	0.91
ALMA537R	01-32.4186-85.5578-4-52-000	7.0	208	0.50	0.059	.	-10.0	10700	-46	M	51.0	14720	-0.3	0.28
ALMA538R	01-32.4215-85.5197-4-52-000	5.6	33	0.07	0.044	.	-10.0	5700	-37	M	54.0	11930	-0.2	1.33
ALMA539R	01-32.3985-85.5273-4-52-000	6.2	158	0.50	0.058	.	-10.0	17000	.	M	76.0	19060	M	0.37
ALMA540R	01-32.3909-85.5580-4-52-000	6.1	170	0.50	0.025	.	40.0	7900	32	M	219.0	12930	M	0.15
ALMA541R	01-32.3989-85.5974-4-52-000	5.3	88	0.03	0.100	.	-10.0	7900	-39	M	62.0	12680	.	1.14
ALMA542R	01-32.4134-85.5877-4-53-000	5.4	21	0.05	0.030	.	-10.0	4500	-31	M	46.0	10440	M	1.43
ALMA543R	01-32.4463-85.5922-4-52-000	5.8	29	0.10	0.014	.	-10.0	4800	-31	M	49.0	10980	M	0.48
ALMA544R	01-32.4717-85.5746-4-52-000	6.2	106	0.20	0.024	.	-10.0	8900	-42	M	63.0	13710	M	0.23
ALMA545R	01-32.4673-85.6125-4-52-000	6.9	426	0.40	0.018	.	-10.0	42000	.	M	62.0	53600	M	0.04
ALMA546R	01-32.4501-85.6431-4-52-000	6.7	119	0.65	-0.006	.	-10.0	5600	65	M	94.0	13790	0.7	M
ALMA547R	01-32.4322-85.6728-4-52-000	5.9	16	0.10	0.049	.	41.0	4200	-31	M	58.0	10160	-0.3	3.06
ALMA548R	01-32.4656-85.6995-4-52-000	5.3	107	0.03	0.027	.	-10.0	7700	30	M	107.0	13600	.	0.25
ALMA549R	01-32.4814-85.7194-4-52-000	5.7	52	0.10	0.044	.	28.0	5300	-33	M	104.0	10980	-0.3	0.85
ALMA550R	01-32.4826-85.7453-4-52-000	6.5	98	0.47	0.036	.	-10.0	4300	-32	M	87.0	11230	M	0.37
ALMA551R	01-32.4688-85.7657-4-52-000	6.8	74	0.35	0.046	.	-10.0	6900	-41	M	63.0	13430	-0.2	0.62
ALMA552R	01-32.5214-85.7403-4-52-000	7.5	78	0.50	0.041	.	-10.0	5000	-33	M	49.0	11050	0.4	0.53
ALMA553R	01-32.4711-85.8102-4-52-000	6.3	102	0.05	0.022	.	-10.0	6500	-38	M	55.0	11680	-0.3	0.22
ALMA554R	01-32.4891-85.8174-4-52-000	5.8	88	0.13	0.072	.	20.0	10400	-45	M	75.0	13460	.	0.82
ALMA555R	01-32.4539-85.8472-4-52-000	6.2	69	0.10	0.161	.	-10.0	6000	-37	M	53.0	11680	-0.2	2.33
ALMA556R	01-32.4408-85.8898-4-52-000	7.4	218	1.05	0.174	.	44.0	5800	69	M	98.0	16730	-0.2	0.80
ALMA557R	01-32.4377-85.9286-4-52-000	6.2	110	0.03	0.048	.	-10.0	9200	-25	M	102.0	12510	M	0.44
ALMA558R	01-32.4052-85.9465-4-52-000	5.1	55	0.03	0.050	.	-10.0	8400	-42	M	65.0	14620	-0.2	0.91
ALMA559R	01-32.4115-85.9650-4-52-000	6.3	59	0.25	0.045	.	-10.0	5600	-37	M	47.0	12460	0.6	0.76
ALMA560R	01-32.3933-85.9775-4-52-000	6.8	79	0.40	0.018	.	-10.0	5500	-34	M	57.0	11550	M	0.23
ALMA561R	01-32.3990-85.9971-4-52-000	7.1	238	1.30	0.035	.	-10.0	6100	65	M	74.0	19140	.	0.15
ALMA562R	01-32.3774-85.9705-4-52-000	6.5	25	0.05	0.016	.	-10.0	4300	-30	M	51.0	11400	M	0.64
ALMA563R	01-32.3537-85.9525-4-52-000	5.6	120	0.30	0.028	.	-10.0	13000	-49	M	70.0	14590	-0.4	0.23
ALMA564R	01-32.3618-85.9176-4-52-000	5.4	52	0.03	0.048	.	17.0	6900	-37	M	53.0	12840	-0.3	0.92
ALMA565R	01-32.3957-85.9195-4-52-000	5.4	24	0.03	0.020	.	-10.0	3900	-32	M	55.0	11270	-0.4	0.83
ALMA566R	01-32.4418-85.8072-4-52-000	5.8	240	0.25	0.269	.	-10.0	17100	85	M	146.0	17230	.	1.12
ALMA567R	01-32.4253-85.8211-4-52-000	6.5	55	0.17	0.043	.	-10.0	6400	-39	M	55.0	13220	-0.2	0.78
ALMA568R	01-32.4122-85.8454-4-52-000	7.4	275	1.80	0.122	.	22.0	4500	38	M	82.0	12990	.	0.44
ALMA569R	01-32.4329-85.8604-4-52-000	8.1	260	1.60	0.295	.	-10.0	3600	44	M	138.0	12930	-0.4	1.13

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 15
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALMA570R	01-32.4120-85.8791-4-52-000	7.4	78	0.13	0.079	.	14.0	7600	-39	M	59.0	13740	M	1.01
ALMA571R	01-32.3813-85.8774-4-52-000	5.3	125	0.15	0.058	.	-10.0	7200	35	M	73.0	13690	-0.4	0.46
ALMA572R	01-32.3826-85.8217-4-52-000	6.2	85	0.13	0.057	.	-10.0	5800	-34	M	56.0	12950	-0.2	0.67
ALMA573R	01-32.4381-85.7777-4-52-000	5.2	209	0.20	0.065	.	-10.0	10600	-46	M	95.0	13830	-0.4	0.31
ALMA574R	01-32.4050-85.7611-4-52-000	6.1	48	0.20	0.041	.	-10.0	3800	-25	M	63.0	11100	.	0.85
ALMA575R	01-32.3820-85.7708-4-52-000	7.2	193	0.90	0.104	.	110.0	8200	156	M	66.0	18650	M	0.54
ALMA576R	01-32.3413-85.8078-4-52-000	6.9	2100	4.00	M	.	1356.0	.	M	M	392.0	99550	M	M
ALMA577R	01-32.3250-85.8190-4-52-000	6.9	410	2.10	0.117	.	-10.0	10400	110	M	93.0	21780	-0.3	0.29
ALMA578R	01-32.2859-85.8444-4-52-000	8.5	309	1.70	0.032	.	130.0	5600	66	M	57.0	25570	.	0.10
ALMA579R	01-32.2533-85.8148-4-52-000	7.8	650	2.10	0.078	.	160.0	20300	.	M	136.0	46500	M	0.12
ALMA580R	01-32.2500-85.7939-4-52-000	8.0	650	2.10	0.041	.	93.0	29900	56	M	139.0	60900	.	0.06
ALMA581R	01-32.2682-85.7775-4-52-000	7.5	89	0.30	0.029	.	21.0	9900	-43	M	107.0	14680	-0.3	0.33
ALMA582R	01-32.3903-85.6652-4-52-000	4.9	200	0.05	0.377	.	-10.0	15600	105	M	366.0	18500	.	1.89
ALMA583R	01-32.3659-85.6575-4-52-000	6.9	620	2.80	0.092	.	74.0	24100	.	M	113.0	15410	-0.2	0.15
ALMA584R	01-32.3398-85.6669-4-52-000	7.4	550	1.90	0.064	.	-10.0	14900	88	M	75.0	18390	M	0.12
ALMA585R	01-32.3383-85.6911-4-52-000	7.9	369	0.60	0.047	.	109.0	35000	.	M	47.0	39620	.	0.13
ALMA586R	01-32.2984-85.6977-4-52-000	7.1	70	0.30	0.063	.	-10.0	10600	-49	M	51.0	13500	0.3	0.90
ALMA587R	01-32.2786-85.7132-4-52-000	7.3	125	0.50	0.070	.	-10.0	4900	-25	M	53.0	12030	-0.4	0.56
ALMA588R	01-32.2570-85.7469-4-52-000	7.1	45	0.25	0.037	.	18.0	7200	-38	M	56.0	12150	-0.3	0.82
ALMA589R	01-32.2428-85.6962-4-52-000	7.5	500	1.55	0.086	.	-10.0	20500	51	M	123.0	44060	.	0.17
ALMA590R	01-32.3955-85.6944-4-52-000	7.6	180	0.30	0.016	.	-10.0	3600	57	M	149.0	11480	-0.2	0.09
ALMA591R	01-32.3841-85.7222-4-52-000	5.8	105	0.45	-0.006	.	59.0	7500	-25	M	187.0	10240	0.2	M
ALMA592R	01-32.3430-85.7465-4-52-000	7.6	410	1.85	0.084	.	-41.0	17200	98	M	177.0	15790	-0.3	0.20
ALMA593R	01-32.3201-85.6598-4-52-000	5.5	62	0.10	0.031	.	-10.0	4200	49	M	184.0	12390	-0.2	0.50
ALMA594R	01-32.2975-85.6391-4-52-000	7.6	312	1.45	0.026	.	-13.0	5600	147	M	-10.0	10780	-0.2	0.08
ALMA595R	01-32.2459-85.5963-4-52-000	8.0	150	1.80	0.051	.	-10.0	9300	66	M	132.0	18940	-0.3	0.34
ALMA596R	01-32.2440-85.6558-4-52-000	7.8	470	1.45	-0.006	.	-46.0	10600	-34	M	110.0	20960	-0.3	M
ALMA597R	01-32.2736-85.6630-4-52-000	8.4	369	1.45	0.038	.	-10.0	9900	27	M	117.0	20570	-0.3	0.10
ALMA598R	01-32.3091-85.8506-4-52-000	8.2	445	1.80	0.052	.	-11.0	8000	35	M	123.0	17550	-0.2	0.12
ALMA599R	01-32.3466-85.8472-4-52-000	7.2	253	1.30	0.142	.	875.0	13000	-34	M	114.0	13780	-0.3	0.56
ALMA600R	01-32.3660-85.8454-4-52-000	8.1	396	1.60	-0.006	.	20.0	13500	-38	M	116.0	29110	-0.3	M
ALMA601R	01-32.3584-85.8849-4-52-000	5.8	32	0.10	0.036	.	47.0	8700	-28	M	127.0	19250	-0.2	1.13
ALMA602R	01-32.3345-85.8924-4-52-000	8.0	421	1.45	-0.006	.	-11.0	4100	-25	M	129.0	9350	-0.2	M
ALMA603R	01-32.3046-85.9146-4-52-000	6.9	280	1.10	0.268	.	-44.0	17800	134	M	122.0	18230	-0.3	0.96
ALMT562R	01-32.3005-85.9683-4-52-000	8.7	301	0.90	-0.006	.	57.0	26000	.	14.0	67.0	59240	-0.2	M
ALPK503R	01-32.0249-85.9725-4-52-000	8.0	77	0.12	0.023	.	14.0	20000	-44	7.0	47.0	17900	-0.2	0.30
ALPK504R	01-32.0483-85.9344-4-52-000	7.3	51	0.38	0.016	.	-13.0	12100	-38	7.0	46.0	12920	0.8	0.31
ALPK505R	01-32.0270-85.9108-4-52-000	8.1	220	2.20	0.008	.	-10.0	16200	351	69.0	42.0	47810	-0.3	0.04
ALRU501R	01-32.3990-85.0264-4-52-000	8.5	43	0.22	M	.	-12.0	-3000	-25	M	23.0	2450	0.2	M
ALRU502R	01-32.3637-85.0466-4-52-000	7.0	35	0.16	M	.	-17.0	3400	-25	M	28.0	3000	.	M
ALRU503R	01-32.2943-85.0311-4-52-000	7.8	211	1.40	-0.006	.	-20.0	-3000	26	M	41.0	3770	-0.2	M
ALRU504R	01-32.2702-85.0315-4-52-000	7.6	46	0.16	M	.	-10.0	-3000	-25	M	28.0	2930	.	M
ALRU505R	01-32.2689-84.9908-4-52-000	6.3	45	0.08	-0.006	.	-19.0	3300	-25	M	35.0	4100	-0.4	M
ALRU506R	01-32.4060-85.0622-4-53-000	5.4	64	0.04	-0.006	.	-30.0	9400	-30	M	30.0	4550	M	M
ALRU507R	01-32.3618-85.0957-4-52-000	5.4	55	0.04	0.009	.	-22.0	5100	-25	M	30.0	3130	.	0.16
ALRU508R	01-32.3439-85.1084-4-53-000	5.1	32	0.02	M	.	-17.0	-3000	-25	M	21.0	3170	-0.4	M
ALRU509R	01-32.3348-85.0696-4-52-000	6.1	60	0.10	-0.006	.	-27.0	6200	-25	M	30.0	4050	.	M
ALRU510R	01-32.3183-85.0618-4-52-000	6.6	42	0.16	-0.006	.	-10.0	3200	-25	M	30.0	3470	.	M
ALRU511R	01-32.2878-85.0778-4-53-000	6.3	60	0.38	-0.006	.	-24.0	3800	-25	M	.	2690	0.3	M
ALRU512R	01-32.2754-85.1017-4-52-000	6.3	92	0.28	0.076	.	-10.0	8800	-25	M	54.0	4760	.	0.83
ALRU513R	01-32.2696-85.0581-4-52-000	6.5	26	0.12	-0.006	.	-12.0	-3000	-25	M	27.0	2340	-0.3	M
ALRU514R	01-32.2433-84.9713-4-52-000	5.7	368	0.04	0.018	.	16.0	33700	-50	M	45.0	21250	-0.3	0.05
ALRU515R	01-32.2394-84.9420-4-52-000	5.8	26	0.04	M	.	-19.0	4400	-25	M	31.0	3230	0.3	M

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 16
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS.

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALRU516R	01-32.1970-85.0320-4-52-000	7.5	300	1.80	-0.006	.	-10.0	-3000	-25	M	27.0	7250	.	M
ALRU517R	01-32.1599-85.0664-4-53-000	6.5	18	0.04	M	.	-13.0	-3000	-25	M	29.0	2570	0.3	M
ALRU518R	01-32.1771-85.1275-4-52-000	6.8	180	0.24	0.038	.	56.0	-3000	-25	M	17.0	49670	-0.2	0.21
ALRU519R	01-32.1229-85.0729-4-52-000	5.4	80	0.08	-0.006	.	-30.0	8100	-25	M	29.0	5630	.	M
ALRU520R	01-32.4417-85.1563-4-52-000	5.4	110	0.04	0.024	.	-19.0	6300	-25	M	43.0	4050	.	0.22
ALRU521R	01-32.3969-85.1248-4-52-000	6.8	170	0.70	-0.006	.	-23.0	3900	34	M	62.0	6160	.	M
ALRU522R	01-32.3936-85.1624-4-52-000	5.6	35	0.12	0.007	.	-10.0	3800	-25	M	28.0	3170	-0.4	0.20
ALRU523R	01-32.4029-85.1968-4-52-000	6.8	180	0.30	-0.006	.	-10.0	9300	-31	M	33.0	8140	M	M
ALRU524R	01-32.3541-85.1882-4-52-000	5.6	40	0.10	0.012	.	-15.0	3900	-25	M	32.0	2930	.	0.30
ALRU525R	01-32.3340-85.1568-4-53-000	6.0	35	0.16	M	.	-17.0	-3000	-25	M	34.0	3020	.	M
ALRU526R	01-32.4561-85.1921-4-52-000	7.2	75	0.24	-0.006	.	-12.0	9800	-31	M	43.0	5220	M	M
ALRU527R	01-32.4530-85.2250-4-52-000	8.1	48	0.08	M	.	-33.0	4200	-25	M	30.0	2210	.	M
ALRU528R	01-32.4482-85.2695-4-52-000	6.0	50	0.02	0.048	.	-10.0	4700	-25	M	31.0	2530	M	0.96
ALRU529R	01-32.4594-85.3082-4-52-000	6.6	90	0.24	-0.006	.	-16.0	9500	-32	M	31.0	5010	-0.2	M
ALRU530R	01-32.4243-85.3028-4-52-000	6.3	49	0.18	0.010	.	-10.0	-3000	-25	M	-10.0	-100	-0.2	0.20
ALRU531R	01-32.3788-85.3078-4-53-000	7.1	230	0.43	-0.006	.	-20.0	4600	31	M	25.0	3460	.	M
ALRU532R	01-32.4034-85.3408-4-52-000	7.2	400	1.10	0.109	.	-43.0	22300	-43	M	-10.0	19070	0.5	0.27
ALRU533R	01-32.3978-85.4096-4-52-000	7.1	229	0.40	-0.006	.	20.0	12700	-30	M	20.0	16000	-0.2	M
ALRU534R	01-32.3578-85.3744-4-52-000	6.2	90	0.10	-0.006	.	-16.0	9700	-30	M	26.0	4660	M	M
ALRU535R	01-32.4199-85.1941-4-52-000	6.3	40	0.08	-0.006	.	-17.0	5700	-25	M	32.0	3180	.	M
ALRU536R	01-32.4247-85.2246-4-52-000	6.8	88	0.70	0.006	.	-23.0	-3000	-25	M	31.0	2660	0.4	0.07
ALRU537R	01-32.4242-85.2630-4-52-000	5.7	18	0.04	M	.	-10.0	-3000	-25	M	35.0	2090	-0.4	M
ALRU538R	01-32.3982-85.2573-4-52-000	6.3	59	0.30	M	.	-10.0	-3000	-25	M	28.0	2620	-0.2	M
ALRU539R	01-32.3965-85.2232-4-52-000	5.6	45	0.14	M	.	-16.0	3600	-25	M	34.0	2220	-0.4	M
ALRU540R	01-32.3646-85.2328-4-52-000	6.4	132	0.50	M	.	-16.0	-3000	31	M	53.0	2960	.	M
ALRU541R	01-32.3457-85.2578-4-53-000	6.1	24	0.06	M	.	-13.0	-3000	-25	M	31.0	2360	-0.2	M
ALRU542R	01-32.3593-85.3111-4-52-000	6.9	97	0.40	-0.006	.	-27.0	3500	-25	M	31.0	2630	0.2	M
ALRU543R	01-32.3511-85.3520-4-53-000	5.7	20	0.06	M	.	-10.0	-3000	-25	M	33.0	2290	-0.3	M
ALRU544R	01-32.3263-85.3405-4-52-000	5.8	51	0.28	M	.	-16.0	3700	-25	M	29.0	3070	.	M
ALRU545R	01-32.3132-85.3779-4-52-000	7.8	190	1.20	-0.006	.	-10.0	3600	280	M	26.0	7480	.	M
ALRU546R	01-32.3118-85.3981-4-52-000	6.7	128	0.60	0.006	.	-20.0	-3000	40	M	28.0	3440	1.0	0.05
ALRU547R	01-32.3026-85.4275-4-52-000	5.0	239	0.00	0.008	.	-23.0	11600	-28	M	39.0	8980	-0.2	0.03
ALRU548R	01-32.2684-85.4143-4-52-000	7.0	500	3.80	0.506	.	20.0	3600	77	M	34.0	5540	.	1.01
ALRU549R	01-32.2284-85.4130-4-52-000	6.8	1120	7.00	4.236	.	72.0	9700	122	M	205.0	26630	M	3.78
ALRU550R	01-32.1970-85.3999-4-52-000	7.6	485	2.80	0.077	.	-10.0	9300	-28	M	-10.0	12700	.	0.16
ALRU551R	01-32.1488-85.3701-4-52-000	7.4	132	0.40	0.024	.	-19.0	5200	-25	M	34.0	5020	0.3	0.18
ALRU552R	01-32.3178-85.0976-4-52-000	6.2	121	0.05	0.029	.	28.0	7600	-28	M	40.0	5060	.	0.24
ALRU553R	01-32.3220-85.1424-4-52-000	5.7	42	0.04	-0.006	.	12.0	4500	-25	M	36.0	3690	.	M
ALRU554R	01-32.2968-85.2024-4-52-000	7.2	260	1.60	-0.006	.	-15.0	-3000	53	M	62.0	5410	.	M
ALRU555R	01-32.3292-85.2419-4-53-000	5.9	12	0.04	M	.	-10.0	3500	-25	M	39.0	2800	.	M
ALRU556R	01-32.2773-85.2462-4-52-000	7.5	405	2.80	-0.006	.	-30.0	7500	-25	M	40.0	10540	.	M
ALRU557R	01-32.2778-85.2770-4-52-000	7.7	245	1.30	-0.006	.	17.0	4800	58	M	41.0	10530	.	M
ALRU558R	01-32.2896-85.3390-4-52-000	5.6	231	0.07	-0.006	.	-27.0	16000	-41	M	103.0	6230	M	M
ALRU559R	01-32.2749-85.3849-4-52-000	5.9	160	0.20	-0.006	.	-39.0	14000	-36	M	32.0	5930	M	M
ALRU560R	01-32.2517-85.3752-4-52-000	7.6	475	1.80	-0.006	.	-41.0	9400	-25	M	16.0	14710	.	M
ALRU561R	01-32.2494-85.3292-4-52-000	7.8	510	1.30	1.741	.	-56.0	13500	32	M	41.0	12060	M	3.41
ALRU562R	01-32.2651-85.2159-4-52-000	8.1	310	1.40	-0.006	.	-10.0	7200	-25	M	18.0	12760	-0.2	M
ALRU563R	01-32.2576-85.2496-4-52-000	6.9	82	0.10	-0.006	.	-44.0	11700	-28	M	17.0	7130	0.3	M
ALRU564R	01-32.2200-85.2268-4-52-000	6.7	160	0.40	-0.006	.	-10.0	11400	-32	M	23.0	6320	0.2	M
ALRU565R	01-32.1752-85.2397-4-52-000	6.8	108	0.60	0.071	.	10.0	4600	-25	M	28.0	3130	.	0.66
ALRU566R	01-32.1745-85.2510-4-52-000	6.4	237	0.10	0.012	.	-10.0	38500	.	M	-10.0	20060	-0.3	0.05
ALRU567R	01-32.1900-85.2558-4-52-000	6.3	1510	1.60	0.219	.	-27.0	.	M	M	190.0	37610	M	0.15
ALRU568R	01-32.1990-85.3045-4-52-000	7.3	161	0.45	0.056	.	-21.0	5600	138	M	22.0	3410	.	0.35

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 17
 U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
 HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALRU569R	01-32.1505-85.3038-4-52-000	6.3	480	0.20	0.204	.	-12.0	64400	.	M	-10.0	15380	0.4	0.43
ALRU570R	01-32.2183-85.3143-4-52-000	6.2	140	0.35	-0.006	.	-10.0	13900	-32	M	22.0	6370	-0.3	M
ALRU571R	01-32.2025-85.3266-4-52-000	7.3	680	3.10	0.037	.	113.0	45200	.	M	-10.0	41080	.	0.05
ALRU572R	01-32.2221-85.3763-4-52-000	7.5	850	3.60	1.777	.	-10.0	72700	-25	M	-10.0	3050	.	2.09
ALRU573R	01-32.2275-85.2869-4-52-000	8.1	228	1.20	0.321	.	-27.0	8400	26	M	18.0	4810	0.5	1.41
ALRU574R	01-32.1945-85.1778-4-52-000	7.9	450	0.90	0.036	.	23.0	27600	-46	M	16.0	24410	0.7	0.08
ALRU575R	01-32.1542-85.1831-4-52-000	7.0	131	0.80	0.009	.	50.0	8800	64	M	26.0	8970	-0.4	0.07
ALRU576R	01-32.1432-85.2012-4-52-000	7.2	352	0.80	-0.006	.	-37.0	14200	-31	M	24.0	9470	-0.4	M
ALRU577R	01-32.1289-85.1753-4-52-000	5.9	54	0.12	-0.006	.	-10.0	4800	-25	M	21.0	3730	.	M
ALRU578R	01-32.0998-85.1703-4-53-000	6.2	15	0.04	M	.	-15.0	-3000	-25	M	16.0	2120	-0.4	M
ALRU579R	01-32.0894-85.1460-4-52-000	7.1	76	0.60	-0.006	.	-18.0	5200	-25	M	20.0	2380	-0.2	M
ALRU580R	01-32.0729-85.1005-4-53-000	5.7	52	0.03	M	.	-21.0	3300	-25	M	-10.0	2650	.	M
ALRU581R	01-32.1053-85.0811-4-52-000	9.4	200	1.30	-0.006	.	-10.0	-3000	-25	M	-10.0	-100	-0.2	M
ALRU582R	01-32.0994-85.1062-4-52-000	7.5	51	0.17	0.045	.	-10.0	4200	-25	M	-10.0	31410	-0.2	0.88
ALRU583R	01-32.1392-85.1595-4-52-000	8.2	485	2.70	0.056	.	23.0	3300	-25	M	-10.0	3230	-0.2	0.12
ALRU584R	01-32.2848-85.1400-4-52-000	7.1	45	0.08	0.056	.	76.0	6800	314	M	-10.0	36730	-0.2	1.24
ALRU585R	01-32.2324-85.1359-4-52-000	7.8	210	1.80	0.104	.	15.0	3400	-25	M	-10.0	3130	-0.2	0.50
ALRU586R	01-32.2271-85.1045-4-52-000	7.8	300	2.00	0.037	.	-10.0	3900	32	M	-10.0	8090	-0.2	0.12
ALRU587R	01-32.2031-85.0677-4-52-000	6.8	38	0.20	0.033	.	-10.0	4200	-25	M	-10.0	4780	-0.2	0.87
ALRU588R	01-32.2190-85.0088-4-52-000	6.9	121	0.40	0.032	.	17.0	4000	-25	M	-10.0	1090	-0.2	0.26
ALTP501R	01-32.8708-85.8577-4-52-000	6.1	110	0.34	-0.006	.	-38.0	-3000	.	M	-10.0	.	M	M
ALTP502R	01-32.8854-85.8057-4-52-000	6.0	50	0.10	M	.	36.0	9000	-28	M	45.0	2510	M	M
ALTP503R	01-32.8848-85.7683-4-52-000	6.2	120	0.67	-0.006	.	-10.0	11600	-31	M	38.0	4570	M	M
ALTP504R	01-32.8615-85.7374-4-52-000	5.9	50	0.20	M	.	28.0	6200	-25	M	37.0	2740	0.2	M
ALTP505R	01-32.9226-85.7449-4-52-000	5.8	70	0.10	-0.006	.	42.0	9800	-25	M	38.0	4010	.	M
ALTP506R	01-32.9250-85.7691-4-52-000	5.9	35	0.06	M	.	19.0	6400	-25	M	42.0	2220	-0.2	M
ALTP507R	01-32.9174-85.8064-4-52-000	6.2	30	0.30	-0.006	.	19.0	4500	97	M	36.0	3880	0.4	M
ALTP508R	01-32.9538-85.7639-4-52-000	6.6	75	0.63	-0.006	.	25.0	3500	103	M	36.0	5190	1.0	M
ALTP509R	01-32.9439-85.7408-4-52-000	5.4	35	0.04	M	.	22.0	5000	34	M	40.0	2530	.	M
ALTP510R	01-32.8685-85.7091-4-52-000	6.0	30	0.18	-0.006	.	22.0	3200	-25	M	50.0	1550	-0.2	M
ALTP511R	01-32.8869-85.7217-4-52-000	5.9	45	0.10	M	.	46.0	7300	-25	M	50.0	2870	-0.2	M
ALTP512R	01-32.9272-85.6778-4-52-000	5.9	90	0.24	0.011	.	-23.0	12100	-33	M	49.0	5900	0.3	0.12
ALTP513R	01-32.9164-85.6532-4-52-000	5.6	85	0.12	0.041	.	13.0	7400	25	M	85.0	3180	-0.2	0.48
ALTP514R	01-32.9226-85.6165-4-52-000	6.5	100	1.00	0.299	.	-10.0	-3000	-25	M	69.0	1470	1.4	2.99
ALTP515R	01-32.9567-85.6078-4-52-000	6.3	50	0.14	-0.006	.	-12.0	6100	-25	M	33.0	3610	0.3	M
ALTP516R	01-32.9946-85.6088-4-52-000	6.3	45	0.08	M	.	20.0	4400	-25	M	40.0	2230	0.6	M
ALTP517R	01-32.9561-85.6555-4-52-000	5.0	155	0.04	-0.006	.	-10.0	20500	-38	M	123.0	12580	-0.3	M
ALTP518R	01-32.9937-85.6517-4-52-000	5.1	75	0.02	-0.006	.	-10.0	6600	-25	M	192.0	3870	.	M
ALTP526R	01-32.9193-85.8951-4-52-000	6.5	110	0.36	0.030	.	-27.0	11600	-32	M	32.0	7910	-0.2	0.27
ALTP527R	01-32.9489-85.9023-4-52-000	5.1	25	0.08	M	.	23.0	3200	-25	M	37.0	1880	.	M
ALTP528R	01-32.9807-85.8642-4-52-000	5.0	25	0.04	M	.	12.0	3300	-25	M	42.0	2290	.	M
ALTP529R	01-32.9865-85.8229-4-52-000	5.8	50	0.30	1.550	.	17.0	-3000	38	M	35.0	3160	.	31.00
ALTP530R	01-32.9963-85.7866-4-52-000	5.8	25	0.24	0.148	.	15.0	-3000	-25	M	37.0	2250	.	5.92
ALTP532R	01-32.9938-85.7256-4-52-000	5.7	50	0.30	6.011	.	15.0	3300	-25	M	39.0	3140	.	120.22
ALTP533R	01-32.9984-85.7040-4-52-000	6.1	40	0.36	0.478	.	14.0	-3000	-25	M	47.0	3350	-0.2	11.95
ALTP542R	01-32.9931-85.9414-4-52-000	5.6	130	0.29	0.035	.	-41.0	20200	-36	M	35.0	7860	.	0.27
ALTP543R	01-32.9790-85.9787-4-53-000	5.8	60	0.60	-0.006	.	23.0	3900	40	M	34.0	4570	0.3	M
ALTP556R	01-32.7343-85.6032-4-53-000	5.8	45	0.22	-0.006	.	-10.0	4900	-25	M	40.0	3380	.	M
ALTP557R	01-32.7608-85.6203-4-52-000	6.6	45	0.22	M	.	14.0	4900	-25	M	28.0	2160	-0.2	M
ALTP558R	01-32.7805-85.6243-4-52-000	5.5	30	0.08	-0.006	.	-10.0	-3000	-25	M	-10.0	-100	-0.2	M
ALTP559R	01-32.8219-85.6051-4-52-000	5.8	60	0.26	M	.	29.0	6600	-25	M	38.0	3150	M	M
ALTP560R	01-32.8215-85.6532-4-52-000	6.5	80	0.70	-0.006	.	12.0	3400	57	M	44.0	4000	.	M
ALTP561R	01-32.8656-85.6153-4-52-000	6.6	110	1.10	0.009	.	-15.0	6300	-25	M	-10.0	2030	1.1	0.08

TABLE A-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA -GROUND WATER-- PHENIX CITY 1X2 DEGREE SHEET 18
U, BR, CL, F, MN, NA, AND V: ELEMENTAL CONCENTRATIONS IN PPB 11:16 MONDAY, JUNE 15, 1981 *
HE IN PPM. IN TWO CC AIR GAP ABOVE 300 CC OF H2O. SCINT. IN CPS. *

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U	SCINT	BR	CL	F	HE	MN	NA	V	U/COND X 1000
ALTP562R	01-32.8875-85.5946-4-52-000	6.3	45	0.30	-0.006	.	-10.0	4400	-25	M	47.0	1560	0.3	M
ALTP563R	01-32.7575-85.6556-4-52-000	5.9	30	0.14	M	.	19.0	4000	-25	M	28.0	2480	.	M
ALTP564R	01-32.7155-85.6571-4-52-000	5.4	235	0.16	0.015	.	-10.0	33400	-50	M	98.0	18840	-0.3	0.06
ALTP565R	01-32.7517-85.6926-4-52-000	5.5	30	0.10	M	.	17.0	4900	-25	M	40.0	2520	M	M
ALTP566R	01-32.7733-85.7222-4-52-000	6.7	60	0.40	-0.006	.	-18.0	6300	-25	M	25.0	3700	.	M
ALTP567R	01-32.7850-85.6867-4-52-000	5.9	24	0.30	-0.006	.	-11.0	28800	-47	M	102.0	12580	M	M
ALTP568R	01-32.8131-85.7056-4-52-000	5.6	20	0.10	0.016	.	-10.0	3000	-25	M	31.0	1680	.	0.80
ALTP569R	01-32.8127-85.7303-4-52-000	5.5	20	0.06	-0.006	.	28.0	-3000	-25	M	37.0	1540	-0.2	M
ALTP570R	01-32.8552-85.8211-4-52-000	6.3	80	1.20	M	.	11.0	3200	-25	M	-10.0	2110	0.4	M
ALTP571R	01-32.8210-85.8358-4-52-000	6.4	55	0.70	0.014	.	10.0	-3000	28	M	71.0	2460	-0.2	0.25
ALTP572R	01-32.8145-85.8032-4-52-000	5.6	50	0.12	M	.	-10.0	7100	-25	M	94.0	2910	-0.2	M
ALTP573R	01-32.7814-85.7598-4-52-000	6.1	40	0.14	M	.	-12.0	7500	-26	M	55.0	2700	.	M
ALTP574R	01-32.7892-85.7920-4-52-000	5.7	25	0.10	-0.006	.	19.0	4700	-25	M	34.0	1760	-0.2	M
ALTP575R	01-32.7600-85.7979-4-52-000	6.5	130	0.60	-0.006	.	-10.0	22900	-44	M	34.0	6810	M	M
ALTP576R	01-32.7451-85.7883-4-52-000	5.9	70	0.36	-0.006	.	-10.0	10000	-31	M	36.0	3700	M	M
ALTP577R	01-32.7202-85.7703-4-52-000	6.4	50	0.24	-0.006	.	-33.0	8300	-32	M	31.0	2570	2.1	M
ALTP578R	01-32.7150-85.7294-4-52-000	6.0	55	0.30	-0.006	.	44.0	7900	-26	M	34.0	3820	0.3	M
ALTP579R	01-32.6898-85.7381-4-52-000	7.0	240	1.70	-0.006	.	-10.0	5100	139	M	90.0	4160	-0.2	M
ALTP580R	01-32.6788-85.6980-4-52-000	6.2	110	0.60	-0.006	.	-17.0	14300	-36	M	38.0	8930	M	M
ALTP581R	01-32.6492-85.7441-4-52-000	5.8	150	0.28	-0.006	.	-33.0	23300	-38	M	-10.0	6730	-0.2	M
ALTP582R	01-32.6500-85.7804-4-52-000	5.7	250	0.28	3.758	.	-16.0	68300	.	M	19.0	24570	-0.3	15.03
ALTP583R	01-32.6835-85.7753-4-52-000	6.6	80	0.70	-0.006	.	42.0	7800	-27	M	49.0	2270	M	M
ALTP584R	01-32.7054-85.8081-4-52-000	6.2	60	0.70	-0.006	.	11.0	4800	-25	M	48.0	1500	.	M
ALTP585R	01-32.7396-85.8529-4-52-000	6.2	50	0.38	M	.	-10.0	3900	-25	M	57.0	2510	.	M
ALTP586R	01-32.7175-85.8534-4-52-000	.	55	.	0.016	.	29.0	4600	-25	M	43.0	4380	0.2	0.29
ALTP587R	01-32.6949-85.8589-4-52-000	5.6	30	0.14	-0.006	.	21.0	4300	-25	M	41.0	1830	.	M
ALTP588R	01-32.6770-85.8850-4-52-000	6.3	130	1.30	5.639	.	19.0	5600	56	M	56.0	5560	.	43.38
ALTP589R	01-32.6648-85.8610-4-52-000	6.1	115	0.60	0.173	.	44.0	10300	-30	M	39.0	5210	0.4	1.50
ALTP590R	01-32.6761-85.8190-4-52-000	5.5	40	0.10	M	.	13.0	5800	-25	M	48.0	1920	0.2	M
ALTP591R	01-32.6570-85.8065-4-52-000	6.5	95	0.60	0.025	.	41.0	8300	-25	M	34.0	4390	0.2	0.26
ALTP592R	01-32.6259-85.8191-4-52-000	6.6	290	1.20	-0.006	.	578.0	27300	-44	M	109.0	11580	-0.2	M
ALTP593R	01-32.6198-85.8466-4-52-000	5.7	250	0.24	-0.006	.	-10.0	25600	-45	M	51.0	17910	M	M
ALTP594R	01-32.5906-85.8784-4-52-000	7.1	190	1.60	0.140	.	53.0	7000	-26	M	41.0	3180	M	0.74
ALTP595R	01-32.5833-85.8512-4-52-000	6.4	50	0.60	M	.	30.0	6600	-25	M	42.0	2730	M	M
ALTP596R	01-32.5834-85.8153-4-52-000	6.9	170	1.40	M	.	-10.0	7100	-25	M	67.0	2620	M	M
ALTP597R	01-32.6113-85.7694-4-52-000	6.4	165	1.20	0.031	.	-10.0	7500	511	M	65.0	5800	2.1	0.19
ALTP598R	01-32.5901-85.7237-4-52-000	5.4	195	0.08	-0.006	.	28.0	16300	-35	M	95.0	6410	-0.4	M
ALTP600R	01-32.8558-85.9736-4-52-000	6.2	45	0.32	M	.	30.0	5400	48	M	45.0	2610	.	M
ALTP601R	01-32.8267-85.9621-4-52-000	6.0	60	0.38	-0.006	.	46.0	6100	25	M	45.0	4350	0.4	M
ALTP602R	01-32.8262-85.9396-4-52-000	6.3	180	0.70	0.095	.	26.0	4700	82	M	40.0	4130	0.9	0.53
ALTP603R	01-32.7826-85.9763-4-52-000	6.1	50	0.50	M	.	-10.0	4200	-25	M	36.0	3240	-0.2	M
ALTP604R	01-32.7903-85.9432-4-52-000	5.5	170	0.18	0.111	.	-33.0	12000	-27	M	47.0	7590	0.3	0.65
ALTP605R	01-32.7699-85.9463-4-52-000	3.9	70	0.40	-0.006	.	38.0	6900	-25	M	42.0	4450	0.3	M
ALTP606R	01-32.8849-85.9800-4-52-000	6.5	175	1.50	0.241	.	40.0	7700	81	M	77.0	6260	.	1.38
ALTP607R	01-32.5509-85.8187-4-52-000	7.0	125	0.60	-0.006	.	-23.0	9000	-28	M	39.0	3550	M	M
ALTP608R	01-32.5196-85.8190-4-53-000	6.4	20	0.08	-0.006	.	28.0	5100	-25	M	38.0	1620	.	M
ALTP609R	01-32.5123-85.8549-4-52-000	6.8	105	0.26	-0.006	.	33.0	10600	-27	M	41.0	5250	.	M
ALTP610R	01-32.6249-85.7286-4-53-000	7.2	135	1.20	0.043	.	14.0	4200	-25	M	52.0	3100	0.2	0.32

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

*****					W	W	D	A	A	W	W	W	W	P	W	W	W
*****					A	E	E	G	G	E	E	E	E	I	E	E	E
*****					T	L	P	E	E	L	L	L	L	P	L	L	L
SRL I.D.	AL	DY	SAMPDATE	TEAM	E	S	T		C	L	L	L	L	E	L	C	D
*****	PPB	PPB			R	P	H		O	T	U	F	O	C	O	A	E
*****					T	R	C		N	Y	S	R	D	O	C	S	F
*****					E		O			P	E	E	O	M			T
*****					M		N			E	Q	R	P		S		H
GACH501R	241	-0.010	6/14/77	118	22	1	5	U	5	1	4	6	1	1	4	9	U
GACH502R	69	.	6/14/77	118	27	1	5	U	5	1	1	1	1	1	1	1	U
GACH503R	73	-0.020	6/14/77	118	26	1	5	U	5	1	1	1	1	1	3	1	U
GACH504R	83	.	6/15/77	118	27	1	5	U	5	4	2	1	1	1	1	1	U
GACH505R	-60	-0.010	6/15/77	118	25	1	1	12	2	1	1	1	1	1	1	5	484
GACH506R	212	-0.010	6/15/77	118	27	2	1	999	1	4	1	1	1	3	1	1	0
GACH507R	111	-0.010	6/15/77	118	29	2	1	999	1	4	1	1	1	3	1	1	0
GACH508R	83	-0.010	6/15/77	118	26	1	5	U	5	1	1	1	1	1	1	1	U
GACH509R	949	0.080	6/15/77	118	26	1	1	7	2	1	1	1	1	1	1	1	642
GACR501R	-60	-0.010	4/ 6/77	105	14	1	1	75	4	2	1	1	1	1	1	1	50
GACR502R	-60	0.100	4/ 6/77	105	25	1	2	U	5	1	1	1	1	1	7	1	80
GACR503R	.	-0.010	4/ 6/77	105	15	1	5	U	5	1	1	1	1	3	7	5	U
GACR504R	-60	-0.010	4/ 6/77	105	13	1	1	65	1	2	1	1	1	1	1	1	50
GACR505R	146	M	4/ 6/77	105	19	1	1	3	1	1	1	1	1	1	7	1	230
GACR506R	85	.	4/ 6/77	105	17	1	5	10	4	1	1	1	1	1	7	1	U
GACR507R	98	M	4/ 6/77	105	17	1	1	3	1	1	1	1	1	3	7	1	35
GACR513R	169	0.280	4/ 6/77	105	18	1	1	U	5	1	1	1	1	3	1	1	42
GACR514R	150	-0.020	4/ 6/77	105	18	1	1	16	1	1	1	1	1	1	1	1	70
GACR515R	129	M	4/ 6/77	105	16	1	1	17	1	1	1	1	1	1	7	1	195
GACR516R	204	M	4/ 7/77	105	18	1	4	60	4	2	2	1	1	7	4	1	80
GACR526R	-60	M	4/ 7/77	105	20	1	1	50	2	1	1	1	1	3	7	1	40
GACR529R	153	.	4/ 7/77	105	19	1	1	12	1	1	1	1	1	1	7	1	35
GACR531R	162	.	4/ 7/77	105	18	1	5	U	5	1	1	1	1	2	7	1	U
GAHS501R	-60	0.030	4/29/77	105	14	1	1	10	1	1	1	1	1	3	7	1	80
GAHS502R	-60	.	4/29/77	105	17	1	5	U	5	4	1	1	1	1	7	1	U
GAHS503R	-60	.	4/29/77	105	15	1	5	3	1	1	1	1	1	1	1	1	U
GAHS504R	-60	-0.020	4/29/77	105	11	2	1	999	1	4	1	1	1	1	7	2	0
GAHS505R	68	.	4/29/77	105	11	1	5	25	4	4	1	1	1	1	7	1	U
GAHS506R	-60	-0.020	4/29/77	105	15	1	5	4	1	1	1	1	1	1	1	1	U
GAHS507R	-60	-0.020	4/29/77	105	19	2	1	999	1	4	1	1	1	7	4	1	0
GAHS508R	69	0.040	4/29/77	105	18	2	1	999	1	4	1	1	1	1	7	1	0
GAHS509R	-60	.	4/29/77	105	18	1	1	12	2	1	1	1	1	1	7	1	166
GAHS510R	-60	.	4/29/77	105	16	1	2	3	1	1	1	1	1	1	7	1	245
GAHS511R	200	.	4/29/77	105	14	1	1	100	1	2	1	1	1	3	1	1	38
GAHS512R	-60	-0.010	4/29/77	105	15	1	5	U	5	1	1	1	1	2	7	1	U
GAHS513R	61	.	5/ 2/77	105	20	1	2	4	1	2	1	1	1	3	7	1	65
GAHS514R	-60	.	5/ 2/77	105	19	2	1	999	1	4	1	1	1	7	4	6	0
GAHS515R	-60	0.040	5/ 2/77	105	19	1	1	75	4	2	1	1	1	1	7	1	45
GAHS516R	61	.	5/ 2/77	105	22	1	1	5	1	1	1	1	1	2	7	1	210
GAHS517R	-60	0.080	5/ 2/77	105	20	1	1	40	4	2	1	1	1	3	7	1	69
GAHS518R	79	-0.020	5/ 2/77	105	17	1	2	20	1	2	1	1	1	7	4	1	50
GAHS519R	-60	-0.020	5/ 2/77	105	18	1	2	32	1	2	1	1	1	7	4	1	55
GAHS520R	-60	.	5/ 2/77	105	19	1	5	U	5	1	1	1	1	3	1	1	U
GAHS521R	-60	.	5/ 2/77	105	22	1	1	2	1	1	1	1	1	1	7	1	265
GAHS522R	-60	0.070	5/ 2/77	105	19	1	3	10	1	1	1	1	1	3	1	1	110
GAHS523R	-60	M	5/ 2/77	105	20	1	2	14	1	1	1	1	1	1	7	1	160
GAHS524R	-60	.	5/ 2/77	105	24	1	1	8	1	1	1	1	1	3	7	1	145
GAHS525R	63	.	5/ 2/77	105	20	1	1	8	1	1	1	1	1	1	7	2	245
GAHS526R	64	-0.020	5/ 2/77	105	23	1	1	2	1	1	1	1	1	3	7	1	175
GAHS527R	64	-0.020	5/ 3/77	105	15	1	5	35	2	2	1	1	1	1	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

*****					W	W	D	A	A	W	W	W	W	P	W	W	W	
*****					A	E	E	G	G	E	E	E	E	I	E	E	E	
*****					T	L	P	E	E	L	L	L	L	P	L	L	L	
SRL	I.D.	AL	DY	SAMPDATE	TEAM	E	S	T		C	L	L	L	E	L	C	D	
*****					R	P	H		O	T	U	F	O	C	O	C	E	
*****					T	R	C		N	Y	S	R	D	O		A	P	
*****					E		O			P	E	E	O	M		S	T	
*****					M		N			E		Q	R	P		S	H	
GAME534R	110	.		4/27/77	101	21	1	5	17	1	1	1	1	1	3	7	1	U
GAME535R	145	M		4/26/77	101	20	1	5	U	5	4	1	1	1	3	7	1	U
GAME536R	127	0.110		4/27/77	101	21	1	2	33	2	2	1	1	1	1	1	1	37
GAME537R	89	.		4/26/77	101	20	1	3	10	2	1	1	1	1	1	1	1	100
GAME538R	80	.		4/27/77	101	24	2	1	999	1	4	1	1	1	1	7	1	0
GAME539R	210	.		4/27/77	101	19	1	1	20	2	2	1	1	1	6	7	1	23
GAME544R	117	.		4/27/77	101	18	1	1	12	1	1	1	1	1	1	7	2	48
GAME546R	237	0.680		4/28/77	101	20	1	2	8	2	1	1	1	1	6	7	1	30
GAME547R	105	.		4/28/77	101	18	1	3	50	4	2	1	1	1	7	4	1	40
GAME548R	200	.		4/28/77	101	18	1	2	40	3	2	1	1	1	3	7	1	20
GAME549R	121	.		4/28/77	101	20	1	5	57	2	2	1	1	1	1	7	1	U
GAME550R	140	.		4/28/77	101	17	1	2	40	3	1	1	1	1	1	1	1	22
GAME551R	92	-0.020		4/28/77	101	18	1	1	8	1	1	1	1	1	3	7	1	38
GAM0513R	-60	.		4/ 6/77	101	17	1	5	U	5	4	1	1	1	1	7	1	U
GAM0514R	111	0.120		4/ 6/77	101	16	1	4	25	2	1	1	1	1	3	7	1	100
GAM0515R	-60	-0.010		4/ 6/77	101	18	1	1	20	2	1	1	1	1	1	7	1	200
GAM0526R	-60	.		4/ 6/77	101	18	1	5	5	2	1	1	1	1	6	7	1	U
GAM0527R	156	.		4/ 6/77	101	17	1	4	30	2	2	1	1	1	2	7	1	30
GAMR501R	75	0.220		4/12/77	103	22	1	1	75	1	2	1	1	1	1	1	1	78
GAMR502R	-60	M		4/12/77	103	23	1	5	U	5	4	1	1	1	1	1	2	U
GAMR503R	74	-0.010		4/12/77	103	20	1	5	60	4	2	1	1	1	7	4	1	U
GAMR504R	-60	-0.010		4/12/77	103	21	1	5	2	1	1	1	1	1	1	1	1	U
GAMR505R	.	-0.010		4/12/77	103	22	1	1	3	1	1	1	1	1	6	7	1	300
GAMR506R	-60	-0.010		4/12/77	103	23	1	1	4	1	1	1	1	1	1	1	1	80
GAMR507R	-60	-0.010		4/12/77	103	22	1	5	U	5	4	1	1	1	3	7	1	U
GAMR508R	-60	0.050		4/12/77	103	24	2	1	999	1	4	1	1	1	7	4	1	0
GAMR509R	-60	-0.020		4/12/77	103	24	1	1	25	2	1	1	1	1	3	1	1	38
GAMR510R	-60	0.060		4/12/77	103	21	1	1	9	1	1	1	1	1	1	7	1	160
GAMR511R	-60	0.110		4/12/77	103	23	1	1	10	1	1	1	1	1	7	4	1	55
GAMR512R	149	-0.010		4/12/77	103	26	1	1	12	1	1	1	1	1	1	1	1	60
GAMR513R	-60	-0.010		4/12/77	103	19	2	1	999	1	4	1	1	1	3	4	1	0
GAMR514R	-60	-0.010		4/12/77	103	27	1	3	8	2	1	1	1	1	3	1	1	75
GAMR515R	105	-0.010		4/12/77	103	23	1	1	7	1	1	1	1	1	1	7	1	96
GAMR516R	-60	-0.010		4/12/77	103	24	1	1	U	5	1	1	1	1	2	7	1	60
GAMR517R	89	-0.010		4/12/77	103	20	1	5	4	1	1	1	1	1	7	4	1	U
GAMR518R	-60	-0.010		4/12/77	103	21	1	1	15	1	1	1	1	1	3	1	1	190
GAMR519R	74	-0.010		4/12/77	103	27	1	5	U	5	1	2	1	1	6	1	1	U
GAMR520R	-60	-0.010		4/12/77	103	25	1	5	U	5	4	1	1	1	6	7	1	U
GAMR521R	-60	-0.010		4/12/77	103	22	1	1	2	1	1	1	1	1	3	1	1	40
GAMR522R	-60	-0.010		4/13/77	103	20	1	4	30	4	2	1	1	1	7	4	1	45
GAMR523R	73	0.460		4/13/77	103	20	1	1	6	1	1	1	1	1	3	1	1	42
GAMR524R	628	1.620		4/13/77	103	23	1	4	20	3	1	1	1	1	3	1	1	75
GAMR525R	-60	0.120		4/13/77	103	22	1	4	10	1	1	1	1	1	6	1	1	80
GAMR526R	157	0.190		4/13/77	103	21	1	1	9	1	1	1	1	1	7	1	1	42
GAMR527R	107	0.060		4/13/77	103	20	1	4	2	1	1	1	1	1	7	4	1	32
GAMR528R	125	M		4/13/77	103	23	1	1	9	1	2	1	1	1	7	1	1	18
GAMR529R	118	-0.020		4/13/77	103	25	1	5	70	3	4	1	1	1	1	4	1	U
GAMR530R	109	.		4/13/77	103	22	1	5	U	5	2	1	1	1	7	4	1	U
GAMR531R	112	.		4/13/77	103	25	1	1	U	5	1	1	1	1	6	1	1	195
GAMR532R	95	.		4/13/77	103	22	1	1	25	4	1	1	1	1	4	1	1	280

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

*****					W	W	D	A	A	W	W	W	W	P	W	W	W
*****					A	E	E	G	G	E	E	E	E	I	E	E	E
*****					T	L	P	E	E	L	L	L	L	P	L	L	L
SRL I.D.	AL	DY	SAMPDATE	TEAM	E	S	T		C	L	L	L	L	E	L	C	D
*****	PPB	PPB			R	P	H		O	T	U	F	O	C	O	C	E
*****					T	R	C		N	Y	S	R	D	O		A	P
*****					E		O			P	E	E	O	M		S	T
*****					M		N			E	Q	R	P		S		H
GAMR533R	109	.	4/16/77	103	24	1	1	15	1	1	1	1	1	3	1	1	166
GAMR534R	115	.	4/16/77	103	22	1	3	9	1	2	1	1	1	3	1	1	40
GAMR535R	112	0.140	4/16/77	103	26	1	5	5	1	1	1	1	1	3	7	1	U
GAMR536R	125	.	4/16/77	103	23	1	1	6	1	1	1	1	1	3	1	1	50
GAMR537R	131	-0.020	4/16/77	103	22	2	1	999	1	4	1	1	1	3	7	2	0
GAMR538R	109	.	4/16/77	103	24	1	1	15	1	1	1	1	1	1	1	1	104
GAMR539R	132	.	4/16/77	103	21	1	1	100	1	2	1	1	1	7	4	1	22
GAMR540R	91	.	4/16/77	103	27	1	1	4	1	1	1	1	1	3	7	1	190
GAMS501R	-60	.	6/16/77	118	25	1	5	17	1	1	1	1	1	6	7	1	U
GAMS502R	-60	2.220	6/16/77	118	27	1	1	22	1	1	1	1	1	1	7	1	315
GAMS503R	92	-0.020	6/16/77	118	28	1	1	25	1	2	1	1	1	7	7	1	12
GAMS504R	72	0.090	6/16/77	118	27	1	3	14	2	1	1	1	1	1	7	1	600
GAMS505R	158	.	6/16/77	118	26	1	5	35	2	2	1	1	1	3	7	1	U
GAMS506R	-60	0.030	6/16/77	118	25	1	2	8	1	1	3	2	1	1	1	1	330
GAMS507R	376	.	6/16/77	118	20	1	2	20	3	2	3	5	1	7	4	1	25
GAMS508R	425	.	6/16/77	118	24	1	2	11	1	1	1	1	2	6	1	1	250
GAMS509R	139	-0.020	6/16/77	118	25	1	1	8	1	1	1	1	1	1	1	1	240
GAMS510R	-60	.	6/16/77	118	29	1	1	4	1	1	1	1	1	3	1	1	55
GAMS511R	195	.	6/16/77	118	28	1	1	35	1	2	1	1	1	7	4	1	32
GAMS512R	271	.	6/16/77	118	26	1	2	1	1	1	1	1	1	3	7	1	100
GAMS513R	340	.	6/16/77	118	25	1	4	17	1	2	1	1	1	7	1	1	30
GAMS514R	77	.	6/16/77	118	30	1	5	8	2	1	1	1	1	6	1	5	U
GAPK516R	-60	-0.010	4/16/77	105	18	1	2	50	4	2	1	1	1	1	1	1	45
GASC501R	198	0.390	4/16/77	103	25	1	1	5	1	1	1	1	1	2	7	1	25
GASC502R	670	0.250	4/16/77	103	25	1	5	U	5	1	1	1	1	1	1	1	U
GASC503R	102	M	4/16/77	103	26	1	1	15	1	2	1	1	1	3	1	1	36
GASC504R	120	.	4/16/77	103	23	1	1	6	4	1	1	1	1	1	7	1	160
GASC505R	213	0.180	4/16/77	103	23	1	1	25	4	2	1	1	1	3	1	1	50
GASC506R	259	0.590	4/16/77	103	24	1	1	2	1	1	1	1	1	7	1	1	75
GASC507R	99	.	4/16/77	103	23	1	5	U	5	4	1	1	1	1	7	1	U
GASC508R	132	.	4/16/77	103	24	1	1	100	1	2	1	1	1	3	1	1	60
GASC509R	135	M	4/18/77	103	20	1	5	4	1	1	1	1	1	3	1	1	U
GASC510R	91	.	4/18/77	103	21	1	1	4	1	1	1	1	1	3	1	1	39
GASC511R	136	-0.010	4/18/77	103	22	1	1	12	1	1	1	1	1	1	1	1	100
GASC512R	98	.	4/18/77	103	24	1	4	4	1	1	1	1	1	3	1	1	200
GASC513R	117	.	4/18/77	103	23	1	1	30	4	1	1	1	1	3	1	1	75
GASC514R	108	.	4/18/77	103	22	1	1	10	4	1	1	1	1	6	7	1	60
GASC515R	132	.	4/18/77	103	20	1	1	4	1	2	1	1	1	3	7	1	12
GASC516R	224	.	4/18/77	103	22	1	1	2	1	1	1	1	1	3	7	1	50
GASC517R	163	0.160	4/18/77	103	22	1	1	5	1	1	1	1	1	1	1	1	75
GASU501R	145	.	4/ 4/77	103	21	1	5	U	5	4	1	1	1	6	7	3	U
GASU502R	122	.	4/ 4/77	103	25	1	5	6	2	1	1	1	1	6	1	1	U
GASU507R	65	.	4/ 4/77	103	26	1	1	10	2	1	1	1	1	1	2	1	75
GASU511R	121	.	4/ 4/77	103	23	1	5	5	4	1	1	1	1	6	1	1	U
GASU512R	86	.	4/ 4/77	103	26	1	1	50	1	1	1	1	1	1	1	1	60
GASU513R	95	.	4/ 4/77	103	26	1	5	6	1	1	1	1	1	6	7	1	U
GASU514R	134	.	4/ 4/77	103	25	1	5	50	2	1	1	1	1	1	7	1	U
GASU515R	136	-0.020	4/ 4/77	103	24	1	5	14	1	1	1	1	1	4	1	1	U
GASU516R	132	.	4/ 4/77	103	25	1	4	U	5	1	1	1	1	1	7	1	60
GASU517R	118	0.270	4/ 4/77	103	26	1	5	4	1	1	1	1	1	3	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- PHENIX CITY SHEET 23
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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R E M	W E L P S P R C N	D E P T H F O N	A G E E C O N P E	A G E E C O N P E	W E L L U S E Q	W E L L F O R P	W E L L F O R P	P E L L C O M P	W E L L C O M P	W E L L C O M P	W E L L C O M P
GASU518R	160	0.700	4/ 4/77	103	24	1	1	15	2	1	1	1	6	1	1	50
GASU519R	136	.	4/ 4/77	103	25	1	2	10	2	1	1	1	1	7	1	160
GASU520R	130	-0.010	4/ 4/77	103	24	1	5	1	1	1	1	1	7	1	1	U
GASU521R	112	-0.020	4/ 4/77	103	25	1	5	5	3	1	1	1	6	1	1	U
GASU522R	128	.	4/ 4/77	103	25	1	5	1	1	1	1	1	3	7	1	U
GASU523R	94	-0.010	4/ 6/77	103	20	1	1	U	5	1	1	1	1	7	1	25
GASU524R	100	.	4/ 6/77	103	19	1	5	23	1	2	1	1	4	4	1	U
GASU525R	113	.	4/ 6/77	103	25	1	5	U	5	1	1	1	1	1	1	U
GASU526R	88	.	4/ 6/77	103	20	1	5	4	1	1	1	1	1	1	1	U
GASU527R	112	.	4/ 6/77	103	20	1	5	2	1	1	1	1	6	7	1	U
GASU528R	89	.	4/ 7/77	103	20	1	1	12	1	1	1	1	1	1	1	168
GASU529R	109	-0.020	4/ 7/77	103	18	1	5	60	4	4	1	1	1	1	1	U
GASU530R	118	.	4/ 7/77	103	23	1	5	U	5	4	1	1	1	1	1	U
GASU531R	119	.	4/ 7/77	103	20	1	5	50	1	1	1	1	1	7	1	U
GASU532R	657	1.000	4/ 7/77	103	24	1	5	100	1	2	1	1	1	7	4	U
GASU534R	184	.	4/ 7/77	103	24	1	5	U	5	4	1	1	1	6	7	U
GASU535R	186	.	4/ 7/77	103	20	1	3	U	5	1	1	1	1	6	7	185
GASU536R	170	.	4/ 7/77	103	23	1	1	15	1	1	1	1	1	1	1	87
GASU537R	164	M	4/ 7/77	103	21	1	5	5	1	1	1	1	1	6	7	U
GASW501R	66	.	4/25/77	118	24	1	5	20	1	1	1	1	1	1	1	U
GASW502R	-60	.	4/25/77	118	23	1	5	U	5	1	1	1	1	1	1	U
GASW503R	-60	0.050	4/25/77	118	24	1	5	10	2	1	1	1	1	1	1	U
GASW504R	-60	M	4/25/77	118	23	1	2	60	1	2	4	1	1	7	4	30
GASW505R	-60	.	4/26/77	118	20	1	5	3	1	1	1	3	1	3	1	U
GASW506R	76	.	6/15/77	118	30	1	3	15	2	1	1	1	1	1	3	600
GASW507R	-60	-0.020	4/26/77	118	19	1	5	3	1	2	1	1	1	3	1	U
GASW508R	-60	.	4/26/77	118	18	1	1	30	1	2	1	5	1	7	4	35
GASW509R	-60	-0.020	4/26/77	118	17	1	1	60	1	2	1	1	1	7	4	40
GASW510R	-60	.	4/26/77	118	20	1	1	3	1	1	1	1	1	3	1	160
GASW511R	-60	-0.020	4/26/77	118	18	1	1	20	1	1	1	1	1	1	1	130
GASW512R	-60	.	4/26/77	118	17	1	5	20	3	1	1	1	1	1	1	U
GASW516R	-60	.	4/27/77	118	19	1	5	7	1	2	1	1	1	6	1	U
GASW523R	-60	M	4/27/77	118	22	1	5	U	5	4	1	1	1	1	1	U
GASW524R	-60	0.040	4/27/77	118	23	1	1	10	1	1	1	1	1	3	1	380
GASW525R	-60	.	4/27/77	118	21	1	1	20	1	1	1	1	1	1	3	135
GASW526R	623	M	4/27/77	118	17	1	1	10	1	2	1	1	1	7	4	30
GASW527R	68	.	4/28/77	118	18	1	1	2	1	2	1	1	1	3	1	40
GASW528R	-60	-0.020	4/28/77	118	15	1	5	10	1	1	1	1	1	3	2	U
GASW529R	-60	-0.010	4/28/77	118	16	2	1	999	1	4	1	1	1	7	4	0
GASW530R	-60	-0.010	4/28/77	118	22	1	1	40	1	2	1	1	1	7	4	30
GASW531R	280	0.210	4/28/77	118	18	1	5	1	1	1	1	1	1	3	1	U
GASW532R	369	0.340	4/28/77	118	21	1	1	40	1	1	1	1	1	1	1	2
GASW533R	125	0.240	4/28/77	118	19	1	1	23	1	2	1	1	1	7	4	10
GASW534R	-60	-0.010	4/28/77	118	21	1	1	45	1	1	1	1	1	1	1	200
GASW535R	-60	-0.010	4/28/77	118	22	1	5	25	1	1	1	1	1	1	1	U
GASW536R	-60	-0.010	4/28/77	118	22	1	1	15	1	1	1	1	1	1	1	166
GASW537R	-60	-0.010	4/28/77	118	26	1	2	U	5	2	1	1	1	1	1	10
GASW538R	-60	-0.010	4/28/77	118	30	1	5	25	1	1	1	1	1	1	1	U
GASW539R	-60	-0.010	4/28/77	118	17	2	1	999	1	4	1	1	1	7	4	0
GASW540R	-60	-0.010	4/28/77	118	26	1	1	30	1	1	1	1	1	1	1	175

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- PHENIX CITY SHEET 24
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*****	AL	DY	SAMPDATE	TEAM	W	W	D	A	A	W	W	W	W	P	W	W	W
*****	PPB	PPB			A	E	E	G	G	E	E	E	E	E	E	E	E
*****					T	L	P	E	E	L	L	L	L	P	L	L	L
STL I.D.					E	S	T		C	L	L	L	L	E	L	C	D
*****					R	P	H		O	T	U	F	O	C	O	L	E
*****					T	R	C		N	Y	S	R	D	O	C	A	P
*****					E		O			P	E	E	O	M		S	T
*****					M		N			E	Q	R	P		S		H
GASW541R	-60	-0.010	4/28/77	118	26	1	5	U	5	1	1	1	1	1	1	2	U
GASW542R	-60	-0.010	4/28/77	118	24	1	5	40	1	1	1	1	1	1	4	1	U
GASW543R	-60	-0.010	4/28/77	118	23	1	5	55	1	2	1	1	1	1	1	1	U
GASW544R	457	0.100	4/29/77	118	19	1	1	30	1	1	1	1	1	2	1	1	500
GASW545R	-60	-0.010	4/29/77	118	20	1	1	8	1	1	1	1	1	1	1	2	1800
GASW546R	-60	0.020	4/29/77	118	26	1	5	U	5	1	1	1	1	1	1	1	U
GASW547R	-60	-0.010	4/29/77	118	21	1	5	U	5	4	2	1	1	1	3	7	U
GATA501R	123	M	6/16/77	118	27	1	3	100	2	2	1	1	1	7	7	1	40
GATA502R	94	.	6/16/77	118	30	1	1	15	2	1	1	1	1	1	7	5	565
GATA503R	157	.	6/16/77	118	29	1	1	8	3	1	1	1	1	7	7	1	24
GATA504R	123	.	6/16/77	118	22	1	5	10	2	2	1	1	1	7	4	1	U
GATA505R	1956	M	6/16/77	118	26	1	3	10	1	1	1	1	1	3	7	1	35
GATA506R	86	-0.010	6/16/77	118	30	1	3	100	3	2	1	1	1	7	7	1	40
GATA507R	110	.	6/16/77	118	23	1	1	120	1	2	1	1	1	7	4	1	28
GATA508R	109	M	6/16/77	118	27	1	5	50	2	2	1	1	1	6	1	1	U
GATA509R	-60	M	6/17/77	118	22	1	5	40	3	2	1	1	1	3	1	1	U
GATA510R	67	.	6/17/77	118	26	1	1	3	1	1	1	1	1	7	7	1	71
GATA511R	697	0.160	6/17/77	118	29	1	2	90	2	2	1	1	1	7	1	1	42
GATA512R	68	.	6/17/77	118	26	1	5	U	5	1	1	1	1	6	7	1	U
GATA513R	405	.	6/22/77	118	30	1	5	5	3	1	1	1	1	3	7	1	U
GATA514R	89	.	6/22/77	118	26	1	2	50	1	2	1	1	1	7	4	1	30
GATA515R	1046	M	6/22/77	118	25	1	1	45	2	2	1	1	1	7	1	1	65
GATA516R	254	.	6/22/77	118	25	1	1	75	2	2	1	1	1	3	7	1	50
GATA517R	-60	.	6/22/77	118	28	1	1	7	2	1	1	1	1	3	7	1	155
GATA518R	172	.	6/22/77	118	30	1	2	5	3	2	1	1	1	3	7	1	35
GATA519R	237	.	6/22/77	118	26	1	5	3	1	1	1	1	1	7	1	1	U
GATA520R	224	.	6/22/77	118	26	1	1	15	2	1	1	1	1	3	1	1	120
GATA521R	143	.	6/22/77	118	29	1	1	7	1	1	1	1	1	1	1	1	204
GATA522R	-60	.	6/22/77	118	25	1	1	7	2	2	1	1	1	3	1	1	54
GATA523R	92	M	6/22/77	118	31	1	2	40	2	2	1	1	1	7	7	5	30
GATA524R	-60	M	6/22/77	118	30	1	1	5	1	1	1	1	1	1	7	5	105
GATA525R	191	.	6/22/77	118	25	1	1	50	2	2	1	1	1	7	7	1	30
GATA526R	128	.	6/22/77	118	21	1	2	7	2	2	1	1	1	7	4	1	35
GATA527R	121	0.050	6/22/77	118	30	1	2	100	2	2	1	1	1	7	7	1	65
GATA528R	66	.	6/22/77	118	30	1	2	35	2	2	1	1	1	3	7	1	25
GATA529R	-60	.	6/22/77	118	32	1	1	8	2	2	1	1	1	3	7	1	45
GATA530R	65	.	6/22/77	118	22	1	2	10	4	2	1	1	1	7	4	1	30
GATA531R	-60	-0.010	6/23/77	118	24	2	1	999	1	4	1	1	1	3	4	1	0
GATA532R	90	M	6/22/77	118	26	1	1	35	1	2	1	1	1	7	1	1	25
GATA533R	277	-0.020	6/23/77	118	27	1	1	5	1	1	1	1	1	3	7	1	700
GATA534R	84	-0.020	6/23/77	118	24	1	2	40	1	2	1	1	1	7	1	1	20
GATA535R	415	.	6/23/77	118	30	1	5	15	1	2	1	1	1	6	7	1	U
GATA536R	86	0.110	6/23/77	118	30	2	1	999	1	4	1	1	1	3	7	1	0
GATA537R	646	.	6/23/77	118	30	1	2	70	3	2	1	1	1	3	1	1	40
GATA538R	254	.	6/23/77	118	26	1	1	50	2	2	1	1	1	3	7	1	75
GATA539R	89	0.070	6/23/77	118	28	1	1	75	2	2	1	1	1	7	7	1	32
GATA540R	298	-0.020	6/23/77	118	27	1	1	6	2	1	1	1	1	7	1	1	27
GAT0527R	-60	0.080	4/28/77	105	16	1	5	U	5	1	1	1	1	3	7	1	U
GAT0528R	-60	.	4/28/77	105	16	1	4	75	4	2	1	1	1	6	4	1	40
GAT0529R	63	.	4/28/77	105	18	1	1	3	1	1	1	1	1	3	7	1	52

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L S P R C O N	D E P T H F O O T M	A G E E C O N T A I N E R	A G E E C O N T A I N E R	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	P E L L T Y P E	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E
ALBR501R	-60	0.050	5/ 4/77	118	20	1	1	20	1	2	1	1	1	7	4	1	15
ALBR502R	88	-0.010	5/ 4/77	118	21	1	1	60	1	2	1	1	1	7	4	1	15
ALBR503R	167	.	5/ 4/77	118	25	1	1	23	1	2	2	2	1	7	4	7	10
ALBR504R	-60	.	5/ 4/77	118	21	1	1	15	1	2	1	1	1	7	4	1	15
ALBR505R	-60	.	5/ 4/77	118	29	1	1	3	1	2	1	1	1	7	4	1	20
ALBR506R	100	M	5/ 4/77	118	25	1	2	50	2	1	1	1	1	3	1	1	125
ALBR507R	118	M	5/ 4/77	118	25	1	1	5	1	1	1	1	1	3	1	2	150
ALBR508R	-60	.	5/ 4/77	118	31	1	2	30	2	1	1	1	1	1	1	1	100
ALBR509R	-60	.	5/ 4/77	118	21	1	1	40	1	2	4	6	1	4	4	9	20
ALBR510R	-60	.	5/ 4/77	118	21	2	1	999	1	4	1	6	1	7	4	8	0
ALBR511R	-60	.	5/ 5/77	118	21	1	1	40	1	2	1	1	1	7	1	1	20
ALBR512R	66	M	5/ 5/77	118	23	2	1	999	1	4	1	1	1	1	3	2	0
ALBR513R	166	.	5/ 5/77	118	23	1	1	1	1	2	1	1	1	7	1	1	46
ALBR514R	243	.	5/ 5/77	118	20	1	1	20	1	2	1	1	1	3	1	1	15
ALBR515R	63	.	5/ 5/77	118	22	1	5	7	1	1	1	1	1	3	1	1	U
ALBR516R	140	.	5/ 5/77	118	22	1	1	40	1	2	1	1	1	7	4	1	20
ALBR517R	-60	M	5/ 5/77	118	23	1	1	65	1	1	1	1	2	1	1	1	160
ALBR518R	162	.	5/ 5/77	118	20	1	5	33	1	2	1	1	1	7	4	1	U
ALBR519R	223	.	5/ 5/77	118	28	1	2	30	1	1	1	1	1	1	1	1	75
ALBR520R	141	.	5/ 5/77	118	22	2	1	999	1	4	1	1	1	7	4	1	0
ALBR521R	140	.	5/ 5/77	118	22	1	1	U	5	2	1	1	1	7	4	1	10
ALBR522R	126	.	5/ 5/77	118	26	1	1	1	1	1	1	1	1	3	1	1	55
ALBR523R	126	M	5/ 5/77	118	25	1	1	70	1	2	1	1	1	7	4	1	50
ALBR524R	136	-0.010	5/ 5/77	118	32	1	1	7	1	1	1	1	1	3	1	1	150
ALBR525R	60	.	5/ 5/77	118	25	1	1	10	1	2	1	1	1	7	4	1	50
ALBU501R	-60	0.050	5/ 9/77	118	23	1	5	10	1	1	1	1	1	1	1	1	U
ALBU502R	-60	.	5/ 9/77	118	23	1	5	4	1	2	1	1	1	3	1	1	U
ALBU503R	-60	-0.020	5/ 9/77	118	29	1	1	8	1	2	1	1	1	1	1	1	29
ALBU504R	100	.	5/ 9/77	118	24	1	1	3	1	1	1	1	1	1	1	1	1020
ALBU505R	64	.	5/ 9/77	118	25	1	5	1	1	1	1	1	1	3	1	1	U
ALBU506R	792	.	5/ 9/77	118	26	1	1	30	1	2	4	1	1	7	1	1	36
ALBU507R	-60	.	5/ 9/77	118	25	1	2	3	1	1	1	1	1	6	1	2	1000
ALBU508R	-60	.	5/ 9/77	118	27	1	2	1	1	1	1	1	1	1	1	1	400
ALBU509R	119	.	5/ 9/77	118	28	1	5	50	1	2	1	1	1	7	1	1	U
ALBU510R	-60	.	5/ 9/77	118	28	1	1	3	1	2	1	1	1	7	4	1	10
ALBU511R	86	M	5/ 9/77	118	24	1	1	2	1	1	1	1	3	3	1	1	50
ALBU512R	68	.	5/ 9/77	118	24	1	1	U	5	1	1	1	1	3	1	3	600
ALBU513R	-60	.	5/ 9/77	118	25	1	5	U	5	1	1	1	1	1	1	1	U
ALBU514R	-60	-0.010	5/ 9/77	118	29	1	1	7	1	2	2	1	1	7	1	1	30
ALBU515R	-60	.	5/ 9/77	118	20	2	1	999	1	4	1	1	1	6	4	1	0
ALBU516R	-60	.	5/ 9/77	118	21	1	1	50	1	1	1	1	1	1	1	1	25
ALBU517R	144	.	5/ 9/77	118	23	1	5	23	1	2	1	1	1	6	4	1	U
ALBU518R	-60	.	5/ 9/77	118	25	1	1	3	1	2	1	1	1	6	1	1	28
ALBU519R	93	.	5/ 9/77	118	19	2	1	999	1	4	1	1	1	6	4	1	0
ALBU520R	75	.	5/10/77	118	20	1	3	8	1	1	1	1	1	3	1	1	25
ALBU521R	-60	.	5/10/77	118	21	1	1	10	1	2	1	1	1	7	4	1	20
ALBU522R	411	.	5/10/77	118	29	2	1	999	1	4	2	1	1	6	4	1	0
ALBU523R	928	M	5/10/77	118	23	1	1	3	1	1	1	1	1	3	1	2	680
ALBU524R	77	.	5/10/77	118	25	1	1	3	1	1	1	1	1	3	1	1	580
ALBU525R	429	.	5/10/77	118	27	1	5	7	1	1	1	1	1	3	1	2	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER --- PHENIX CITY SHEET 28
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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L S P R C O N	D E P T H F O O T M	A G E C O N C E N T R A T I O N	A G E C O N C E N T R A T I O N	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	P L O T T I N G	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E
ALBU526R	193	.	5/10/77	118	22	1	1	25	1	1	1	1	1	6	1	1	96
ALBU527R	-60	.	5/10/77	118	26	1	5	U	5	1	1	1	1	1	1	2	U
ALBU528R	97	.	5/31/77	118	31	1	1	31	1	1	1	1	2	1	1	1	733
ALBU529R	-60	.	5/31/77	118	25	1	2	20	1	2	3	6	2	7	4	1	12
ALBU530R	76	.	5/31/77	118	29	1	2	5	1	1	1	1	1	1	1	1	900
ALBU531R	-60	.	5/31/77	118	31	1	3	20	3	1	2	5	1	1	1	6	800
ALBU532R	-60	0.070	5/31/77	118	30	1	2	15	1	1	1	1	1	1	1	2	800
ALBU533R	66	.	5/31/77	118	30	1	1	1	1	1	1	1	1	1	1	1	155
ALBU534R	-60	.	5/31/77	118	30	1	5	20	2	1	1	1	1	1	1	2	U
ALBU535R	-60	.	5/31/77	118	27	1	5	20	2	4	1	1	1	1	1	1	U
ALBU536R	-60	.	5/31/77	118	27	1	5	5	2	1	1	1	1	1	1	1	U
ALBU537R	62	.	5/31/77	118	28	1	2	50	2	2	1	1	1	3	1	1	12
ALBU538R	75	-0.020	5/31/77	118	28	1	2	7	1	1	1	1	1	7	1	1	75
ALBU539R	168	.	1/ 1/77	118	24	1	1	16	1	1	1	1	1	1	1	1	1100
ALBU540R	92	.	5/31/77	118	21	1	1	50	2	2	1	1	1	7	4	1	10
ALBU541R	-60	.	5/31/77	118	28	1	5	U	5	1	1	1	1	1	1	1	U
ALBU542R	-60	.	6/ 1/77	118	22	1	1	20	2	2	3	6	1	7	4	8	15
ALBU543R	77	.	6/ 1/77	118	21	1	2	8	2	2	3	3	1	7	4	1	25
ALBU544R	-60	-0.020	6/ 1/77	118	24	1	5	U	5	1	1	1	1	1	1	1	U
ALBU545R	-60	.	6/ 1/77	118	20	1	1	20	3	2	2	1	1	7	4	1	20
ALBU546R	-60	M	6/ 1/77	118	26	1	1	20	1	2	1	1	1	7	1	1	10
ALBU547R	-60	-0.020	6/ 1/77	118	25	1	2	30	1	2	1	1	1	3	1	1	20
ALBU548R	127	.	6/ 1/77	118	22	1	2	6	2	2	1	1	1	7	4	1	20
ALBU549R	-60	.	6/ 1/77	118	23	1	2	50	2	2	1	1	1	7	4	1	20
ALBU550R	-60	.	6/ 1/77	118	25	1	2	13	1	2	1	1	1	7	4	1	40
ALBU551R	-60	.	6/ 1/77	118	31	1	1	2	1	1	1	1	1	3	1	1	112
ALBU552R	-60	-0.020	6/ 1/77	118	30	2	1	999	1	4	1	1	1	6	4	1	0
ALBU553R	-60	.	6/ 6/77	118	24	1	1	100	2	2	3	3	1	7	4	1	17
ALBU554R	336	.	6/ 6/77	118	32	1	2	4	2	2	3	5	1	7	4	1	30
ALBU555R	115	M	6/ 6/77	118	29	1	5	30	1	2	1	1	1	7	1	1	U
ALBU556R	-60	.	6/ 6/77	118	29	1	2	2	1	2	1	1	1	7	4	1	20
ALBU557R	62	.	6/ 6/77	118	31	1	1	40	2	1	1	1	1	7	1	1	30
ALBU558R	-60	.	6/ 6/77	118	31	1	2	30	3	2	1	1	1	3	1	1	40
ALBU559R	448	.	6/ 6/77	118	30	1	2	6	1	2	1	1	1	3	1	1	90
ALBU560R	.	-0.010	6/ 6/77	118	31	1	2	22	2	2	1	1	1	7	4	1	15
ALBU561R	-60	M	6/ 6/77	118	32	1	2	75	1	2	1	1	1	7	1	1	30
ALBU562R	-60	-0.020	6/ 6/77	118	27	1	2	6	1	1	1	1	2	1	1	1	180
ALBU563R	70	M	6/ 6/77	118	31	1	2	10	2	1	1	1	2	3	1	1	180
ALBU564R	-60	.	6/ 6/77	232	23	1	2	20	2	2	1	1	1	7	4	1	25
ALBU565R	-60	.	6/ 6/77	118	28	1	3	50	2	2	3	2	1	7	1	1	60
ALBU566R	-60	0.110	6/ 6/77	118	20	1	4	20	4	2	1	1	1	7	4	1	20
ALBU567R	832	0.260	6/ 7/77	118	21	1	2	20	3	2	1	1	1	7	4	1	10
ALBU568R	102	.	6/ 7/77	118	22	1	1	8	2	2	3	2	1	7	4	1	10
ALBU569R	62	.	6/ 7/77	118	25	1	5	50	3	1	1	1	1	1	1	1	U
ALBU570R	67	.	6/ 7/77	118	31	1	1	22	1	1	1	1	1	1	1	5	930
ALBU571R	-60	.	6/ 7/77	118	26	1	1	4	1	1	1	1	1	1	1	2	1020
ALBU572R	-60	.	6/ 7/77	118	29	1	1	5	1	1	1	1	1	1	5	2	1000
ALBU573R	477	0.060	6/ 7/77	118	22	1	2	12	2	2	1	1	1	7	4	1	8
ALBU574R	121	-0.020	6/ 7/77	118	29	1	5	5	2	1	1	1	1	3	1	1	U
ALBU575R	-60	.	6/ 7/77	118	26	2	1	999	1	4	1	1	1	1	3	1	0

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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*****					W	W	D	A	A	W	W	W	W	P	W	W	W
*****					A	E	E	G	G	E	E	E	E	E	E	E	E
*****					T	L	P	E	E	L	L	L	L	L	L	L	L
*****					E	S	T			O	T	U	F	O	C	O	C
*****					T	R	C			N	Y	S	R	D	O	C	A
*****					E		O			P	E	E	O	M		S	T
*****					M		N			E	Q	R	P		S		H
SRL I.D.	AL	DY	SAMPDATE	TEAM	25	1	2	100	2	2	3	2	1	3	7	1	35
*****	PPB	PPB			21	1	5	15	4	4	1	1	1	3	7	1	U
*****					24	1	1	14	3	1	1	1	1	3	7	1	226
*****					23	1	1	20	1	1	1	1	1	1	1	1	160
*****					23	1	1	11	1	1	1	1	1	1	1	1	145
*****					19	1	5	U	5	2	1	1	1	7	4	1	U
*****					26	1	5	U	5	1	1	1	1	1	7	1	U
*****					20	1	3	60	3	2	1	1	1	7	4	1	40
*****					18	1	5	U	5	2	1	1	1	7	4	1	U
*****					21	1	3	5	2	1	1	1	1	3	7	1	60
*****					20	1	1	27	1	2	1	1	1	1	7	1	22
*****					19	1	5	U	5	4	1	1	1	1	1	1	U
*****					24	1	3	44	2	1	1	1	1	1	7	1	90
*****					22	1	1	12	2	1	1	1	1	1	7	1	47
*****					22	1	5	20	3	1	1	1	1	2	7	1	U
*****					20	1	3	120	3	2	1	1	1	7	4	1	35
*****					18	1	5	55	2	2	1	1	1	6	4	1	U
*****					24	1	1	30	2	2	1	1	1	1	7	1	38
*****					19	2	1	999	1	4	1	1	1	3	7	1	0
*****					20	1	1	3	1	1	1	1	4	3	1	1	26
*****					20	1	1	5	1	1	1	1	1	3	7	1	33
*****					25	1	3	U	5	2	1	1	1	3	7	2	20
*****					25	1	1	19	1	2	1	1	1	2	7	1	19
*****					22	1	1	33	1	2	1	1	1	1	7	1	37
*****					20	1	1	U	5	1	1	1	1	6	1	1	75
*****					23	1	1	70	1	2	3	2	1	1	1	1	40
*****					23	1	1	100	1	2	1	1	1	3	1	1	60
*****					19	1	1	40	1	2	1	1	1	3	7	1	35
*****					19	1	5	35	3	1	1	1	1	7	7	1	U
*****					27	1	3	9	2	1	1	1	1	3	7	1	100
*****					22	1	1	15	4	3	1	1	1	1	7	1	30
*****					23	1	5	25	3	2	1	1	1	3	7	1	U
*****					21	1	2	7	2	1	1	1	1	6	7	1	80
*****					19	1	1	32	1	2	1	1	1	1	1	1	25
*****					22	1	4	50	4	2	1	1	1	7	7	1	35
*****					18	1	1	35	1	2	1	1	1	3	1	1	42
*****					18	1	5	7	1	4	1	1	1	4	7	1	U
*****					24	1	5	U	5	1	1	1	1	6	7	1	U
*****					27	1	1	12	1	1	1	1	1	1	1	1	425
*****					27	1	3	75	1	2	1	1	1	7	4	1	10
*****					24	1	1	17	1	1	1	1	1	3	1	1	128
*****					25	1	1	U	5	1	1	1	1	6	7	1	125
*****					25	1	5	U	5	4	1	1	1	6	7	1	U
*****					27	1	5	7	1	1	1	1	1	3	7	1	U
*****					26	1	1	20	2	1	1	1	1	3	7	1	76
*****					28	1	2	60	4	2	1	1	1	3	1	1	55
*****					25	1	5	25	1	2	1	1	1	7	4	1	U
*****					27	1	5	U	5	1	1	1	1	6	7	1	U
*****					24	1	5	4	2	1	1	1	1	6	7	3	U
*****					25	1	5	60	3	2	1	1	1	6	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L S P R C O N	D E P T H F O O T M	A G E C O N	A G E C O N	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	P I P E C O M P	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E
ALLE514R	-60	.	6/16/77	103	32	1	5	5	1	1	1	1	1	6	7	1	U
ALLE515R	-60	.	6/16/77	103	25	1	2	10	2	2	1	1	1	3	7	1	38
ALLE516R	-60	.	6/16/77	103	26	1	2	14	1	2	1	1	1	7	4	1	41
ALLE517R	-60	-0.020	6/16/77	103	28	1	2	40	3	2	1	1	1	1	7	1	120
ALLE518R	-60	.	6/17/77	103	22	1	3	15	4	2	3	3	1	7	4	7	20
ALLE519R	-60	.	6/17/77	103	26	1	5	U	5	1	1	1	1	1	1	1	U
ALLE520R	-60	.	6/17/77	103	32	1	5	4	4	1	1	1	1	6	7	1	U
ALLE521R	-60	M	6/17/77	103	29	1	1	11	1	1	1	1	1	1	7	1	160
ALLE522R	-60	.	6/17/77	103	27	1	5	8	1	1	1	1	1	3	7	1	U
ALLE523R	-60	.	6/17/77	103	27	1	2	29	1	2	1	1	1	1	7	1	32
ALLE524R	-60	.	6/17/77	103	27	1	5	38	1	2	1	1	1	7	3	1	U
ALLE525R	77	0.200	6/17/77	103	31	1	1	1	1	1	1	1	1	7	1	1	52
ALLE526R	-60	M	6/17/77	103	25	1	1	4	1	1	1	1	1	7	7	1	43
ALLE527R	-60	.	6/17/77	103	24	1	5	15	3	1	1	1	1	3	1	1	U
ALLE528R	107	M	6/17/77	103	30	1	1	20	3	1	1	1	1	1	7	1	177
ALLE529R	-60	M	6/17/77	103	23	1	1	25	1	2	1	1	1	7	4	1	62
ALLE530R	91	-0.020	6/17/77	103	29	1	2	13	1	1	1	1	1	6	7	1	75
ALLE531R	-60	.	6/17/77	103	26	1	5	4	2	1	1	1	1	3	7	1	U
ALLE532R	-60	.	6/20/77	103	36	1	2	1	1	2	1	1	1	3	7	1	22
ALLE533R	-60	-0.020	6/10/77	103	32	1	1	6	1	1	1	1	1	3	7	1	40
ALLE534R	-60	.	6/20/77	103	28	1	5	50	1	2	1	1	1	7	1	1	U
ALLE535R	-60	.	6/20/77	103	27	1	5	10	4	2	1	1	1	7	4	1	U
ALLE536R	61	.	6/20/77	103	23	1	2	25	4	2	1	1	1	7	4	1	50
ALLE537R	-60	-0.020	6/20/77	103	23	1	1	75	3	2	1	1	1	7	4	1	16
ALLE538R	136	.	6/20/77	103	28	1	2	7	1	2	1	1	1	3	7	1	32
ALLE539R	166	.	6/20/77	103	24	1	3	25	4	2	1	1	1	7	4	1	25
ALLE540R	-60	.	6/20/77	103	30	1	1	30	4	2	1	1	1	7	1	1	14
ALLE541R	100	.	6/20/77	103	27	1	5	61	1	2	1	1	1	3	1	1	U
ALLE542R	72	.	6/24/77	103	28	1	1	30	2	2	1	1	1	7	1	1	50
ALLE543R	92	.	6/24/77	103	28	1	1	20	3	1	1	1	1	1	2	1	40
ALLE544R	71	.	6/24/77	103	31	1	2	60	2	2	1	1	1	1	1	1	30
ALLE545R	306	.	6/24/77	103	29	1	2	70	3	2	1	1	1	3	1	1	65
ALLE546R	89	.	6/24/77	103	27	1	5	U	5	4	1	1	1	6	7	3	U
ALLE547R	124	0.110	6/24/77	103	23	1	2	5	2	1	1	1	1	3	7	1	50
ALLE548R	105	-0.020	6/25/77	103	28	1	3	8	1	1	1	1	1	7	1	1	25
ALLE549R	62	0.030	6/25/77	103	25	1	5	4	3	1	1	1	1	6	1	1	U
ALLE550R	128	.	6/25/77	103	27	1	5	U	5	4	1	1	1	6	1	1	U
ALLE551R	87	.	6/25/77	103	27	1	3	30	3	2	1	1	1	1	1	1	30
ALLE552R	110	M	6/25/77	103	25	1	3	6	2	2	1	1	1	3	1	1	47
ALLE553R	84	.	6/25/77	103	31	1	5	U	5	1	1	1	1	6	7	1	U
ALLE554R	65	.	6/25/77	103	30	1	2	20	2	2	1	1	1	7	1	1	15
ALLE555R	.	-0.010	6/25/77	103	25	1	3	15	4	1	1	1	1	1	1	1	100
ALLE556R	77	.	6/25/77	103	23	1	2	30	3	2	1	1	1	7	4	1	20
ALLE557R	71	.	6/25/77	103	26	1	5	U	5	2	1	1	1	7	4	1	U
ALLE558R	465	.	6/25/77	103	20	1	5	70	3	2	1	1	1	1	4	1	U
ALLE559R	190	-0.010	6/27/77	103	27	1	5	8	3	1	1	1	1	7	1	1	U
ALLE560R	80	M	6/27/77	103	30	1	5	U	5	2	1	1	1	7	7	1	U
ALLE561R	-60	.	6/27/77	103	24	1	3	70	4	2	1	1	1	7	4	1	35
ALLE562R	-60	-0.020	6/27/77	103	27	1	4	60	4	2	1	1	1	7	4	1	40
ALLE563R	-60	.	6/27/77	103	29	1	3	1	1	1	1	1	1	3	7	1	55

SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T R T E M	W E L P H C O N E	D E P T H	A G E	A G E	W E L L	W E L L	W E L L	W E L L	P I P E	W E L L	W E L L	W E L L
ALLE564R	-60	-0.020	6/27/77	103	28	1	5	1	1	1	1	1	1	6	7	1	U
ALLE565R	-60	.	6/27/77	103	32	1	5	3	2	1	1	1	1	3	7	1	U
ALLE566R	-60	.	6/27/77	103	28	1	2	4	1	2	1	1	1	3	1	1	19
ALLE567R	905	.	6/27/77	103	24	1	5	60	3	2	1	1	1	6	1	1	U
ALLE568R	67	0.240	6/27/77	103	23	1	5	U	5	2	1	1	1	7	7	1	U
ALLE569R	-60	-0.020	6/28/77	103	30	1	3	60	3	2	1	1	1	3	1	1	60
ALLE570R	-60	.	6/28/77	103	21	1	3	80	4	2	1	1	1	7	4	1	65
ALLE571R	-60	.	6/28/77	103	22	1	5	5	4	2	1	1	1	7	4	1	U
ALLE572R	-60	.	6/28/77	103	27	1	3	U	5	2	1	1	1	7	1	1	28
ALLE573R	-60	.	6/28/77	103	20	1	5	U	5	2	1	1	1	7	4	1	U
ALLE574R	94	.	6/28/77	103	24	1	3	16	2	1	1	1	1	3	1	1	40
ALLE575R	62	-0.020	6/28/77	103	20	1	5	75	3	2	1	1	1	7	4	1	U
ALLE576R	-60	.	6/28/77	103	27	1	3	70	3	2	1	1	1	3	7	1	45
ALLE577R	-60	-0.020	6/28/77	103	27	1	2	60	2	2	1	1	1	1	4	1	38
ALLE578R	-60	.	6/28/77	103	30	1	5	2	1	1	1	1	1	6	7	1	U
ALLE580R	62	M	6/28/77	103	28	1	3	25	3	2	1	1	1	1	7	1	30
ALLE581R	-60	.	6/28/77	103	26	1	3	20	3	2	1	1	1	3	7	1	25
ALLE582R	-60	M	6/28/77	103	30	1	3	60	2	2	1	1	1	7	1	1	15
ALLE583R	-60	M	6/28/77	103	30	1	2	20	3	2	1	1	1	6	1	1	11
ALLE584R	206	.	6/28/77	103	28	1	5	U	5	1	1	1	1	1	1	1	U
ALLE585R	-60	.	6/28/77	103	33	1	5	U	5	4	1	1	1	6	7	1	U
ALLE586R	-60	.	6/28/77	103	28	1	1	16	1	1	1	1	1	3	7	1	95
ALLE587R	-60	.	6/28/77	103	22	1	3	U	5	2	1	1	1	7	4	1	50
ALMA501R	88	.	7/10/77	103	32	1	5	U	5	2	1	1	1	3	7	1	U
ALMA502R	-60	-0.010	7/10/77	103	23	1	5	5	1	2	1	1	1	3	7	1	U
ALMA503R	83	.	7/10/77	103	25	1	1	70	1	2	1	1	1	7	4	1	20
ALMA504R	-60	-0.010	7/10/77	103	24	1	1	30	1	2	1	1	1	7	4	1	32
ALMA505R	-60	.	7/10/77	103	25	1	2	8	1	1	1	1	1	3	7	1	30
ALMA506R	73	.	7/10/77	103	25	1	5	50	3	2	1	1	1	3	1	1	U
ALMA507R	77	-0.010	7/10/77	103	23	1	1	39	1	2	1	1	1	3	3	1	31
ALMA508R	63	.	7/10/77	103	28	1	5	5	4	2	1	1	1	3	7	1	U
ALMA509R	-60	.	7/10/77	103	27	1	2	50	2	2	1	1	1	1	1	1	34
ALMA510R	74	.	7/10/77	103	22	1	1	U	5	2	1	1	1	7	4	1	39
ALMA511R	-60	.	7/11/77	103	24	1	5	40	2	2	1	3	1	7	4	1	U
ALMA512R	83	.	7/11/77	103	22	1	5	U	5	2	1	1	1	1	1	1	U
ALMA513R	66	.	7/11/77	103	23	1	1	1	1	1	1	1	1	3	7	1	150
ALMA514R	63	-0.020	7/11/77	103	23	1	5	8	1	2	1	1	1	1	1	1	U
ALMA515R	65	.	7/11/77	103	23	1	1	45	3	2	1	1	1	1	1	1	53
ALMA516R	130	.	7/11/77	103	23	1	2	80	3	2	1	1	1	7	4	1	60
ALMA517R	63	.	7/11/77	103	22	1	1	1	1	1	1	1	1	3	3	1	40
ALMA518R	264	-0.010	7/11/77	103	26	1	5	18	1	2	4	1	1	3	1	1	U
ALMA519R	162	-0.010	7/11/77	103	22	1	5	21	2	2	1	1	1	7	4	1	U
ALMA520R	166	-0.010	7/11/77	103	23	1	5	10	1	1	1	1	1	1	1	1	U
ALMA521R	205	-0.010	7/11/77	103	26	1	5	U	5	2	1	1	1	4	1	1	U
ALMA522R	124	-0.010	7/12/77	103	27	1	2	40	2	1	1	1	1	1	1	1	600
ALMA523R	206	0.020	7/13/77	103	25	1	2	54	1	2	1	1	1	3	1	1	18
ALMA524R	354	0.010	7/13/77	103	27	1	5	60	3	2	4	3	1	7	4	1	U
ALMA525R	421	-0.010	7/13/77	103	27	1	5	U	5	1	1	1	1	7	4	1	U
ALMA526R	161	-0.010	7/13/77	103	27	1	1	45	2	1	1	1	1	4	1	1	650
ALMA527R	282	-0.010	7/13/77	103	23	1	5	U	5	2	1	1	1	7	4	1	U

W A T E R T E M	W E L S P R	D E P T H C O N	A G E	A G E C O N	W E L L T Y P E	W E L L U S E	W E L L F R E Q	W E L L O D O R	P I P E C O M P	W E L L O C	W E L L C L A S S	W C L D E P T H
28	1	5	50	4	2	1	1	1	7	4	1	U
25	1	5	70	4	2	1	1	1	2	3	1	U
27	1	2	1	1	1	1	1	1	3	7	1	50
28	1	2	10	1	1	1	1	1	7	1	1	33
35	1	5	60	4	2	1	1	1	7	4	1	U
25	1	5	10	2	2	1	1	1	7	1	1	U
23	1	5	28	2	2	1	1	1	7	1	1	U
23	1	2	4	1	1	1	1	1	3	1	1	65
27	2	1	999	1	4	1	1	1	3	3	1	0
25	1	5	75	4	2	1	1	1	7	4	1	U
26	1	2	10	3	1	1	1	1	4	7	1	180
23	1	5	15	1	2	1	1	1	7	4	1	U
25	1	5	1	2	1	1	1	1	1	7	1	U
27	1	5	5	2	4	1	1	1	6	7	1	U
27	2	1	999	1	4	1	1	1	3	7	1	0
28	1	5	13	2	2	1	1	1	1	1	1	U
26	1	5	30	3	1	1	1	1	1	1	1	U
22	1	5	7	2	2	1	1	1	7	4	1	U
30	1	5	U	5	4	1	1	1	1	7	1	U
30	1	5	3	1	1	1	1	1	1	1	1	U
29	1	5	U	5	2	1	1	1	1	1	1	U
28	1	5	1	1	2	1	1	1	7	1	1	U
30	1	3	20	1	2	1	1	1	7	1	1	10
22	1	3	50	4	2	1	1	1	7	4	1	55
26	1	1	4	1	2	1	1	1	7	1	1	45
26	1	5	U	5	1	1	1	1	3	1	1	U
24	1	1	6	1	1	1	1	1	1	1	1	25
30	1	2	3	1	1	1	1	1	3	1	1	37
30	1	1	1	1	1	1	1	1	3	1	1	322
31	1	2	7	1	1	1	1	1	1	1	1	30
30	1	1	50	4	2	1	1	1	3	1	1	30
28	1	2	8	2	1	1	1	1	1	7	1	40
28	1	1	20	2	2	1	1	1	3	1	1	20
31	1	3	U	5	1	1	1	1	3	1	1	300
30	1	3	6	1	1	1	1	1	3	1	1	60
23	1	5	70	3	2	1	1	1	7	4	1	U
28	1	5	25	1	1	1	1	1	1	1	1	U
27	1	2	1	1	1	1	1	1	3	7	1	90
31	1	2	15	1	2	1	1	1	3	1	1	45
29	1	5	U	5	4	1	1	1	6	1	1	U
29	1	5	10	2	1	1	1	1	6	7	1	U
31	1	1	20	2	1	1	1	1	1	7	1	298
28	1	2	35	1	2	1	1	1	3	1	1	34
28	1	1	17	1	2	1	1	1	7	1	1	33
26	1	5	U	5	2	1	1	1	1	4	1	U
26	1	5	20	2	1	1	1	1	1	1	1	U

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*****					W	W	D	A	A	W	W	W	W	P	W	W	W	
*****					A	E	P	G	G	E	E	E	E	I	E	E	E	
*****					T	L	T	E	E	L	L	L	L	P	L	L	L	
SRL	I.D.	AL	DY	SAMPDATE	TEAM	R	P	H	C	O	T	U	F	O	C	C	C	
*****					T	R	C		N	T	S	R	D	O				
*****					E		O			P	E	E	O	M		A	D	
*****					M		N			E			R	P	S	H	U	
ALRU521R	-60	.		5/11/77	103	25	1	5	20	4	4	1	1	1	1	7	1	26
ALRU522R	72	.		5/11/77	103	22	1	2	34	1	2	1	1	1	3	1	1	U
ALRU523R	-60	.		5/11/77	103	27	1	5	18	3	2	1	1	1	3	1	1	U
ALRU524R	92	0.110		5/11/77	103	25	1	1	1	1	1	1	1	1	7	1	1	55
ALRU525R	-60	.		5/11/77	103	23	2	1	999	1	4	1	1	1	2	7	1	0
ALRU526R	-60	.		6/ 8/77	103	20	1	2	30	4	2	1	1	1	3	2	1	20
ALRU527R	-60	-0.020		6/ 8/77	103	22	1	1	11	1	2	1	1	1	3	1	1	30
ALRU528R	219	.		6/ 8/77	103	23	1	5	10	3	4	1	1	1	6	7	1	U
ALRU529R	66	M		6/ 8/77	103	22	1	5	12	1	2	1	1	1	7	1	1	U
ALRU530R	-60	-0.010		6/ 8/77	103	23	1	4	4	1	1	1	1	1	2	1	1	40
ALRU531R	-60	.		6/ 8/77	103	25	2	1	999	1	4	1	1	1	1	7	2	0
ALRU532R	-60	.		6/ 8/77	103	20	1	5	50	4	2	1	1	1	7	4	1	U
ALRU533R	112	.		6/ 8/77	103	21	1	5	75	3	2	1	1	1	7	4	1	U
ALRU534R	-60	-0.010		6/ 8/77	103	21	1	5	75	4	2	1	1	1	7	4	1	U
ALRU535R	-60	.		6/ 9/77	103	23	1	5	5	2	4	1	1	1	6	1	1	U
ALRU536R	-60	.		6/ 9/77	103	22	1	1	1	1	2	1	1	1	3	1	1	36
ALRU537R	-60	.		6/ 9/77	103	26	1	4	6	3	1	1	1	1	3	7	1	200
ALRU538R	-60	M		6/ 9/77	103	25	1	4	10	2	2	1	1	1	7	1	1	45
ALRU539R	-60	.		6/ 9/77	103	22	1	3	12	2	2	1	1	1	7	7	1	20
ALRU540R	-60	-0.020		6/ 9/77	103	26	1	1	2	1	1	1	1	1	1	1	1	298
ALRU541R	-60	.		6/ 9/77	103	25	2	1	999	1	4	1	1	1	3	7	1	0
ALRU542R	-60	.		6/ 9/77	103	27	1	2	4	1	2	1	1	1	7	2	1	35
ALRU543R	-60	-0.020		6/ 9/77	103	24	2	1	999	1	4	1	1	1	7	4	1	0
ALRU544R	-60	.		6/ 9/77	103	21	1	5	70	1	2	1	1	1	7	4	1	U
ALRU545R	-60	.		6/ 9/77	103	26	1	2	7	1	1	1	1	1	6	1	1	520
ALRU546R	-60	.		6/ 9/77	103	24	1	1	2	1	2	1	1	1	7	4	1	50
ALRU547R	116	.		6/11/77	103	22	1	5	U	5	2	1	1	1	7	4	1	U
ALRU548R	-60	.		6/11/77	103	24	1	5	5	4	2	1	1	1	7	4	1	U
ALRU549R	214	M		6/11/77	103	27	1	5	13	2	2	1	1	1	7	2	1	U
ALRU550R	-60	.		6/11/77	103	24	1	3	15	4	1	1	1	1	1	1	1	125
ALRU551R	-60	-0.010		6/11/77	103	27	1	2	10	3	2	1	1	1	7	4	1	25
ALRU552R	97	.		6/11/77	103	30	1	1	30	4	2	1	1	1	3	1	1	45
ALRU553R	-60	.		6/11/77	103	26	1	1	15	1	2	1	1	1	3	7	1	8
ALRU554R	-60	-0.020		6/11/77	103	28	1	5	15	4	1	1	1	1	3	7	3	U
ALRU555R	63	.		6/11/77	103	28	2	1	999	1	4	1	1	1	3	7	1	0
ALRU556R	-60	-0.020		6/11/77	103	25	1	5	15	4	1	1	1	1	6	7	1	U
ALRU557R	-60	.		6/11/77	103	26	1	5	U	5	1	1	1	1	6	7	2	U
ALRU558R	-60	-0.020		6/11/77	103	30	1	5	40	3	2	1	1	1	1	7	1	U
ALRU559R	-60	.		6/13/77	103	26	1	1	30	4	2	1	1	1	7	4	1	14
ALRU560R	-60	-0.020		6/13/77	103	28	1	1	8	2	1	1	1	1	3	7	1	580
ALRU561R	-60	M		6/13/77	103	26	1	5	7	1	1	1	1	1	6	1	1	U
ALRU562R	-60	.		6/13/77	103	26	1	1	2	1	1	1	1	1	1	1	1	250
ALRU563R	64	.		6/13/77	103	23	1	2	25	2	2	1	1	1	7	4	1	35
ALRU564R	-60	.		6/13/77	103	25	1	2	20	1	2	1	1	1	7	4	1	28
ALRU565R	-60	.		6/13/77	103	27	1	3	30	4	2	1	1	1	7	4	1	30
ALRU566R	-60	2.340		6/13/77	103	24	1	2	75	2	2	1	1	1	7	4	1	15
ALRU567R	140	M		6/13/77	103	30	1	3	26	4	2	1	1	1	7	4	2	30
ALRU568R	-60	.		6/13/77	103	30	1	1	4	1	1	1	1	1	7	1	1	25
ALRU569R	138	M		6/14/77	103	25	1	2	35	4	2	1	1	1	7	4	1	25
ALRU570R	-60	M		6/14/77	103	29	1	5	4	3	2	1	1	1	6	7	1	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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*****					W	W	D	A	A	W	W	W	W	P	W	W	W
*****					A	E	E	G	G	E	E	E	E	E	E	E	E
*****					T	L	P	E	E	L	L	L	L	L	L	L	L
*****					E	S	T		C	L	L	L	L	E	L	C	D
*****					R	P	H		O	T	U	F	O	C	O	L	E
*****					T	R	C		N	Y	S	R	D	O	C	A	P
*****					E		O			P	E	E	O	M		S	T
*****							N			E		Q	R	P		S	H
SRL I.D.	A	DY	SAMPDATE	TEAM													
*****	PPB	PPB															
ALRU571R	63	M	6/14/77	103		1	1	3	1	1	1	1	1	3	1	1	130
ALRU572R	-60	.	6/14/77	103		1	2	6	1	2	1	1	1	7	4	1	12
ALRU573R	-60	.	6/14/77	103	29	1	5	30	4	2	1	1	1	7	4	1	U
ALRU574R	-60	.	6/14/77	103	27	1	2	5	3	1	1	1	1	7	4	1	10
ALRU575R	-60	M	6/11/77	103	32	1	5	5	1	1	1	1	1	7	4	1	U
ALRU576R	-60	.	6/14/77	103	28	1	1	20	3	2	1	1	1	3	1	1	24
ALRU577R	-60	.	6/14/77	103	28	1	5	U	5	2	1	1	1	3	7	1	U
ALRU578R	-60	-0.020	6/14/77	103	30	2	1	999	1	4	1	1	1	3	7	1	0
ALRU579R	-60	.	6/14/77	103	26	1	3	15	3	2	1	1	1	7	4	1	50
ALRU580R	-60	-0.020	6/14/77	103	28	2	1	999	1	4	1	1	1	3	7	2	0
ALRU581R	-60	-0.010	6/14/77	103	27	1	1	15	1	1	1	1	1	1	1	1	1350
ALRU582R	75	0.050	6/15/77	103	27	1	1	8	1	2	1	1	1	7	1	1	55
ALRU583R	-60	-0.010	6/15/77	103	28	1	2	14	1	1	1	1	1	3	7	1	900
ALRU584R	-60	0.070	6/15/77	103	25	1	5	6	4	1	1	1	1	6	1	1	U
ALRU585R	-60	-0.010	6/15/77	103	26	1	5	U	5	1	1	1	1	6	1	1	U
ALRU586R	-60	0.040	6/11/77	103	28	1	5	30	2	1	1	1	1	3	7	1	U
ALRU587R	-60	-0.010	6/15/77	103	28	1	1	5	1	1	1	1	1	3	7	1	67
ALRU588R	-60	-0.010	6/15/77	103	24	1	1	150	1	2	1	1	1	7	4	1	30
ALTP501R	-60	.	4/28/78	267	25	1	1	30	1	2	1	1	1	3	7	1	40
ALTP502R	-60	.	4/28/78	267	25	1	3	77	1	2	3	1	1	7	7	1	30
ALTP503R	-60	.	4/28/78	267	27	1	1	20	4	2	1	1	1	1	7	1	40
ALTP504R	-60	.	4/28/78	267	20	1	1	11	1	1	1	1	1	3	1	1	35
ALTP505R	-60	0.070	4/28/78	267	25	1	5	25	4	2	1	1	1	1	7	1	U
ALTP506R	92	.	4/28/78	267	20	1	1	75	4	2	1	1	1	3	1	1	38
ALTP507R	-60	.	4/28/78	267	26	1	1	20	1	1	1	1	1	1	7	1	140
ALTP508R	-60	.	4/28/78	267	22	1	1	8	1	1	1	1	1	3	7	1	210
ALTP509R	-60	.	4/28/78	267	19	1	5	50	3	2	1	1	1	3	7	1	U
ALTP510R	-60	-0.020	3/23/78	232	15	1	2	110	4	2	1	1	1	3	1	1	60
ALTP511R	-60	.	3/23/78	232	16	1	3	U	5	2	1	1	1	3	1	1	40
ALTP512R	-60	-0.020	3/23/78	232	18	1	5	U	5	2	1	1	1	3	1	1	U
ALTP513R	111	3.550	3/23/78	232	18	1	1	17	1	1	1	1	1	3	1	1	265
ALTP514R	-60	-0.020	3/23/78	232	20	1	1	8	1	1	1	1	1	3	1	1	108
ALTP515R	66	0.260	3/23/78	232	17	1	1	U	5	2	1	1	1	7	1	1	45
ALTP516R	248	-0.010	3/23/78	232	13	1	1	64	2	2	1	1	1	3	1	1	35
ALTP517R	139	.	3/23/78	232	18	1	5	U	5	2	1	1	1	3	1	1	U
ALTP518R	143	0.970	3/23/78	232	16	1	3	75	4	2	1	1	1	3	1	1	50
ALTP526R	-60	-0.020	3/24/78	232	17	1	1	90	4	2	3	5	1	3	4	1	50
ALTP527R	-60	0.040	3/24/78	232	19	1	5	U	5	4	1	1	1	3	1	1	U
ALTP528R	-60	0.150	3/24/78	232	17	1	4	U	5	2	1	1	1	3	1	1	35
ALTP529R	-60	-0.020	3/24/78	232	19	1	1	16	1	1	1	1	1	3	1	1	127
ALTP530R	-60	.	3/24/78	232	16	1	1	15	1	1	1	1	1	3	1	1	49
ALTP532R	-60	.	3/24/78	232	15	1	1	19	1	1	1	1	1	3	1	1	52
ALTP533R	-60	.	3/24/78	232	17	1	1	2	1	1	1	1	1	3	1	1	168
ALTP542R	-60	.	3/25/78	232	15	1	1	28	1	1	1	1	1	3	1	1	68
ALTP543R	-60	.	3/25/78	232	16	2	1	999	1	4	1	1	1	7	1	2	0
ALTP556R	69	-0.020	3/27/78	232	12	2	1	999	1	4	1	1	1	1	1	1	0
ALTP557R	89	.	3/27/78	232	12	1	5	U	5	1	1	1	1	1	1	1	U
ALTP558R	-60	-0.010	3/27/78	232	15	1	1	70	1	2	1	1	1	7	4	1	25
ALTP559R	-60	.	3/27/78	232	14	1	1	13	1	2	1	1	1	3	1	1	25
ALTP560R	-60	.	3/27/78	232	15	1	5	35	2	1	3	1	1	3	1	7	U

TABLE A-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA --- GROUND WATER ---

PHENIX CITY SHEET

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SRL I.D.	AL PPB	DY PPB	SAMPDATE	TEAM	W A T E R T E M	W E L P R C O N	D E P H C O N	A G E C O N	A G E C O N	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E	P I P E O C C O M P O S I T I O N	W E L L T Y P E	W E L L T Y P E	W E L L T Y P E
ALTP561R	-60	.	3/27/78	232	11	1	5	30	4	1	1	1	1	3	1	1	U
ALTP562R	-60	.	3/27/78	232	13	1	1	10	1	1	1	1	1	3	1	1	140
ALTP563R	-60	.	3/27/78	232	13	1	4	50	4	2	1	1	1	3	1	1	35
ALTP564R	82	M	3/27/78	232	13	1	3	25	2	2	1	1	1	3	1	1	35
ALTP565R	-60	.	3/27/78	232	12	1	5	80	4	2	1	1	1	3	1	1	U
ALTP566R	-60	M	3/27/78	232	11	1	5	U	5	2	1	1	1	3	1	1	U
ALTP567R	-60	M	3/27/78	232	13	1	5	100	1	2	1	1	1	3	1	1	U
ALTP568R	-60	.	3/27/78	232	17	1	5	6	1	1	1	1	1	3	1	1	U
ALTP569R	-60	0.070	3/27/78	232	15	1	2	U	5	2	.	1	1	3	4	1	45
ALTP570R	-60	.	3/28/78	232	11	1	5	2	2	1	1	1	1	3	1	1	U
ALTP571R	-60	-0.020	3/28/78	232	15	1	3	1	1	1	1	1	1	3	1	1	100
ALTP572R	-60	.	3/28/78	232	18	1	4	30	2	2	1	1	1	7	4	1	50
ALTP573R	-60	M	3/28/78	232	15	1	1	U	5	2	1	1	1	3	1	1	35
ALTP574R	-60	.	3/28/78	232	18	1	3	7	2	1	1	1	1	3	1	1	60
ALTP575R	536	.	3/28/78	232	16	1	2	60	4	2	2	6	1	7	4	1	45
ALTP576R	-60	-0.010	3/28/78	232	17	1	1	U	5	2	1	1	1	3	1	1	27
ALTP577R	633	.	3/28/78	232	15	1	1	7	1	2	1	1	1	7	4	1	25
ALTP578R	132	.	3/28/78	232	18	1	1	80	4	2	1	1	1	3	1	1	40
ALTP579R	-60	.	3/28/78	232	18	1	1	30	1	1	1	1	1	3	1	1	126
ALTP580R	64	-0.010	3/28/78	232	15	1	1	100	1	2	1	1	1	3	1	1	60
ALTP581R	-60	.	3/28/78	232	17	1	1	U	5	2	1	1	1	3	1	1	40
ALTP582R	-60	.	3/28/78	232	18	1	1	4	1	1	1	1	1	3	1	1	102
ALTP583R	-60	.	3/28/78	232	16	1	3	U	5	2	1	6	1	7	4	1	40
ALTP584R	-60	-0.020	3/28/78	232	16	1	2	8	1	1	1	1	1	3	1	1	65
ALTP585R	-60	.	3/29/78	232	18	1	1	12	1	1	.	5	1	3	1	1	120
ALTP586R	-60	-0.020	3/29/78	232	17	1	5	6	1	1	1	1	1	7	1	1	U
ALTP587R	-60	.	3/29/78	232	14	1	5	U	5	2	1	1	1	3	1	1	U
ALTP588R	-60	.	3/29/78	232	13	1	1	.	1	1	1	1	1	3	1	1	150
ALTP589R	-60	.	3/29/78	232	20	1	1	5	1	1	1	1	1	3	1	1	227
ALTP590R	-60	0.050	3/29/78	232	19	1	4	U	5	2	1	1	1	3	1	1	50
ALTP591R	-60	.	3/29/78	232	25	1	1	1	1	1	1	1	1	3	1	1	38
ALTP592R	-60	.	3/29/78	232	20	1	1	100	3	2	1	1	1	7	4	1	45
ALTP593R	-60	.	3/29/78	232	21	1	1	30	2	2	1	1	1	3	1	1	50
ALTP594R	-60	.	3/29/78	232	20	1	2	50	4	2	1	6	1	7	4	1	70
ALTP595R	-60	-0.020	3/29/78	232	15	1	1	15	1	2	3	3	1	3	1	1	25
ALTP596R	-60	.	3/29/78	232	19	1	5	8	1	1	3	5	1	3	1	1	U
ALTP597R	-60	.	3/29/78	232	21	1	1	15	4	1	1	1	1	3	1	1	200
ALTP598R	86	.	3/29/78	232	19	1	3	U	5	2	3	6	1	7	4	1	45
ALTP600R	-60	.	3/30/78	232	19	1	5	U	5	1	1	1	1	3	1	1	U
ALTP601R	-60	-0.020	3/30/78	232	17	1	1	20	1	1	1	1	1	3	1	1	72
ALTP602R	-60	0.090	3/30/78	232	17	1	3	5	1	1	1	1	1	7	1	1	50
ALTP603R	-60	.	3/30/78	232	21	1	4	18	2	1	1	1	1	1	1	1	50
ALTP604R	-60	M	3/30/78	232	17	1	4	U	5	2	1	1	1	3	1	1	40
ALTP605R	-60	.	3/30/78	232	18	1	4	40	4	2	1	1	1	3	1	1	40
ALTP606R	-60	M	3/30/78	232	8	1	1	6	1	1	1	1	1	3	1	1	210
ALTP607R	70	-0.020	3/30/78	118	20	1	2	75	2	2	3	2	1	7	4	1	25
ALTP608R	-60	-0.020	3/30/78	118	18	2	1	999	1	4	1	1	1	6	7	1	0
ALTP609R	77	.	3/30/78	232	19	1	2	75	3	2	1	1	1	7	4	1	30
ALTP610R	-60	.	3/30/78	232	22	2	1	999	1	4	1	1	1	7	4	1	0

STATISTICS FOR GROUND WATER ANALYSES FROM THE *** PHENIX CITY *** 1X2 DEGREE SHEET (VALUES <0 NOT USED IN CALCULATIONS) 38
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VARIABLE	N	N MISSING	MEAN	C.V.	MINIMUM VALUE	MAXIMUM VALUE	STANDARD DEVIATION	VARIANCE	STD ERROR OF MEAN
PH	948	1	6.540	14.835	3.900	10.700	0.970	0.94	0.032
COND	949	0	139.905	148.831	9.000	3950.000	208.264	43373.72	6.761
ALK	948	1	0.569	130.213	0.000	7.000	0.741	0.55	0.024
U	508	441	0.279	548.261	0.006	23.100	1.528	2.33	0.068
BR	350	599	147.311	588.298	10.000	11974.000	866.631	751048.54	46.323
CL	875	74	10164.686	99.968	3000.000	88800.000	10161.468	103255421.95	343.520
F	234	715	94.026	113.236	25.000	736.000	106.470	11335.97	6.980
HE	4	945	24.250	123.774	7.000	69.000	30.015	900.92	15.008
MN	841	108	62.144	81.264	10.000	392.000	50.500	2550.29	1.741
NA	922	27	9261.659	104.269	550.000	99550.000	9657.003	93257710.06	318.036
V	242	707	0.902	165.134	0.200	18.700	1.489	2.22	0.096
DY	105	844	0.247	201.057	0.010	3.550	0.497	0.25	0.049
AL	510	439	164.780	99.232	60.000	1956.000	163.514	26736.90	7.241
TEMP	949	0	23.059	19.268	8.000	36.000	4.443	19.74	0.144
UCOND	508	441	4.373	1321.811	0.010	1294.000	57.809	3341.87	2.565

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 39
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GACH022S1	13- 32.331- 84.731-4-50-000	6.3	20	0.18	5.2	21	36	87	8800	120	300	3.2	4700	21	
GACH023S1	13- 32.338- 84.764-4-50-000	.	.	.	3.0	16	17	90	5300	80	300	1.8	2200	14	
GACH024S1	13- 32.341- 84.983-4-50-000	7.1	100	0.80	9.0	46	57	217	9500	220	500	2.0	6200	27	
GACH025S1	13- 32.334- 85.005-4-50-000	6.6	70	0.60	-1.7	55	65	256	18000	430	2700	5.8	8000	53	
GACH026S1	13- 32.327- 84.990-4-50-000	6.7	60	0.60	6.8	44	41	183	10600	240	900	3.1	6200	25	
GACH027S1	13- 32.309- 84.953-4-50-000	7.1	30	0.18	7.5	31	36	137	7600	110	400	1.9	3800	16	
GACH028S1	13- 32.286- 84.869-4-50-000	6.8	60	0.50	5.2	22	21	94	19000	90	300	3.7	3300	43	
GACH029S1	13- 32.338- 84.822-4-50-000	6.6	60	0.50	-1.7	13	14	55	15200	110	500	2.0	3500	40	
GACH030S1	13- 32.318- 84.830-4-50-000	.	.	.	3.7	15	18	-30	16900	70	500	2.5	2300	38	
GACH031S1	13- 32.356- 84.858-4-50-000	6.7	100	0.50	8.7	24	65	131	15400	150	300	5.6	11300	50	
GACH032S1	13- 32.379- 84.855-4-50-000	6.5	30	0.18	-1.0	-2	4	.	16700	30	.	1.0	1500	11	
GACH033S1	13- 32.383- 84.884-4-50-000	6.5	50	0.20	3.8	21	27	125	11300	70	100	2.7	4400	22	
GACH034S1	13- 32.284- 84.752-4-50-000	5.0	20	0.08	5.5	13	35	80	18200	40	.	3.1	2800	24	
GACH035S1	13- 32.286- 84.722-4-50-000	.	.	.	3.6	11	17	42	18200	50	200	4.6	3200	40	
GACH036S1	13- 32.269- 84.677-4-50-000	6.3	70	0.80	2.5	-2	23	40	.	550	700	2.5	26400	78	
GACH037S1	13- 32.248- 84.681-4-50-000	6.7	100	1.00	6.0	33	50	147	8200	560	900	2.8	29200	108	
GACH038S1	13- 32.240- 84.694-4-50-000	7.3	70	0.70	9.2	43	144	207	15800	1730	1100	5.2	70500	195	
GACH039S1	13- 32.251- 84.719-4-50-000	.	.	.	2.3	8	11	38	5700	60	100	1.7	2400	12	
GACH040S1	13- 32.269- 84.719-4-50-000	4.4	50	0.00	5.0	26	27	94	9500	140	300	1.2	5300	18	
GACH041S1	13- 32.443- 84.735-4-50-000	6.0	10	0.06	30.7	177	336	793	.	90	.	4.8	11100	37	
GACH042S1	13- 32.406- 84.675-4-50-000	6.1	30	0.20	3.5	15	17	52	9200	260	1400	3.3	13500	123	
GACH043S1	13- 32.433- 84.686-4-50-000	5.0	20	0.02	10.6	45	73	209	9200	90	.	3.3	6900	29	
GACH044S1	13- 32.469- 84.687-4-50-000	.	.	.	3.2	13	26	53	5900	60	.	1.3	3700	17	
GACH045S1	13- 32.516- 84.651-4-50-000	5.2	10	0.04	48.5	257	379	1127	22100	640	100	13.3	40500	110	
GACH046S1	13- 32.516- 84.670-4-50-000	5.4	10	0.06	5.3	12	13	52	22800	430	1400	13.8	15300	299	
GACH047S1	13- 32.497- 84.705-4-50-000	5.0	10	0.04	22.1	136	151	580	14700	170	200	3.7	9000	27	
GACH048S1	13- 32.370- 84.747-4-50-000	6.7	50	0.60	6.8	31	36	182	15400	160	500	3.7	4400	32	
GACH049S1	13- 32.412- 84.781-4-50-000	4.6	10	0.02	10.9	51	88	247	3800	130	100	3.2	9700	41	
GACH050S1	13- 32.374- 84.816-4-50-000	4.9	5	0.04	2.6	11	18	57	19800	60	100	2.5	4500	26	
GACH051S1	13- 32.375- 84.914-4-50-000	6.6	20	0.14	3.6	15	36	55	10600	520	700	3.9	26700	94	
GACH052S1	13- 32.369- 84.941-4-50-000	7.0	50	0.28	-1.0	4	5	-34	6200	40	100	0.9	2100	12	
GACH053S1	13- 32.296- 84.927-4-50-000	5.9	20	0.10	35.0	198	225	984	26600	390	200	8.1	24900	111	
GACH054S1	13- 32.281- 84.905-4-50-000	4.7	40	0.02	2.8	8	12	47	8400	250	1300	2.6	10600	109	
GACH101S1	13- 32.304- 84.689-4-50-000	6.7	30	0.18	4.9	14	20	86	7400	70	200	1.8	3000	15	
GACH102S1	13- 32.306- 84.706-4-50-000	.	.	.	5.5	28	38	155	12200	100	.	1.8	5600	27	
GACH103S1	13- 32.309- 84.719-4-50-000	6.2	20	0.14	7.1	41	44	195	13100	110	300	2.7	5800	28	
GACH104S1	13- 32.318- 84.692-4-50-000	6.1	20	0.12	6.1	30	44	141	9800	100	100	2.7	6300	21	
GACH105S1	13- 32.312- 84.750-4-50-000	6.1	10	0.12	7.3	29	41	128	12300	120	400	4.6	9300	40	
GACH106S1	13- 32.312- 84.786-4-50-000	6.4	50	0.30	2.7	11	15	48	11500	70	600	2.4	2600	30	
GACH107S1	13- 32.292- 84.780-4-50-000	6.5	40	0.40	.	.	.	.	.	.	.	.	.	.	
GACH108S1	13- 32.268- 84.787-4-50-000	6.4	30	0.24	3.1	18	26	78	8100	50	100	1.1	3200	12	
GACH109S1	13- 32.258- 84.804-4-50-000	6.4	40	0.40	2.0	6	10	30	4800	50	200	0.9	3100	18	
GACH110S1	13- 32.246- 84.824-4-50-000	6.7	80	0.70	8.1	34	42	173	8500	90	300	0.7	3800	14	
GACH111S1	13- 32.241- 84.840-4-50-000	6.5	50	0.60	.	.	.	.	.	.	.	.	.	.	
GACH112S1	13- 32.241- 84.874-4-50-000	7.3	70	0.80	53.5	290	343	1428	14900	430	200	7.6	22600	69	
GACH113S1	13- 32.244- 84.890-4-50-000	6.5	50	0.20	6.5	34	43	187	17400	140	300	2.9	6700	36	
GACH114S1	13- 32.268- 84.750-4-50-000	6.1	20	0.10	2.2	8	13	65	5000	30	.	0.9	2500	10	
GACH115S1	13- 32.233- 84.748-4-50-000	.	.	.	3.0	11	17	52	8300	80	200	1.7	3500	16	
GACH116S1	13- 32.402- 84.747-4-50-000	5.7	20	0.14	2.2	9	16	45	6800	40	200	1.1	3700	26	
GACH117S1	13- 32.413- 84.722-4-50-000	5.1	10	0.06	4.3	20	37	75	11000	60	200	1.3	3700	19	
GACH118S1	13- 32.393- 84.703-4-50-000	6.1	20	0.16	1.8	9	11	31	8900	40	200	1.4	2100	16	
GACH119S1	13- 32.350- 84.702-4-50-000	5.4	10	0.06	3.8	15	26	81	6000	100	200	2.0	7100	28	
GACH120S1	13- 32.357- 84.686-4-50-000	5.0	10	0.04	.	.	.	.	.	.	.	.	.	.	
GACH121S1	13- 32.334- 84.688-4-50-000	6.1	20	0.12	2.2	9	11	45	10200	30	200	2.2	2500	22	
GACR001S1	13- 32.827- 84.123-4-50-000	7.0	45	0.34	47.8	376	318	1480	67200	860	400	7.7	.	212	

TABLE E-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	T1 PPM	V PPM	*
GACR002S1	13- 32.820- 84.094-4-50-000	7.1	48	0.34	76.3	271	1437	1406	52100	730	1500	9.8	28900	62	*
GACR003S1	13- 32.826- 84.065-4-50-000	6.9	65	0.40	3.1	22	31	95	20300	510	2500	5.4	6300	53	*
GACR004S1	13- 32.828- 84.020-4-50-000	6.9	75	0.50	2.5	9	14	77	30200	2000	.	4.5	6200	54	*
GACR005S1	13- 32.819- 84.024-4-50-000	7.2	60	0.44	2.9	5	15	20	35400	1370	7400	7.1	-1000	111	*
GACR006S1	13- 32.832- 84.002-4-50-000	7.3	60	0.40	4.6	22	36	99	37500	1360	6300	7.3	7800	85	*
GACR012S1	13- 32.781- 84.004-4-50-000	6.6	58	0.38	2.7	-2	21	.	.	630	11600	15.1	-1000	73	*
GACR013S1	13- 32.764- 84.039-4-50-000	7.2	90	0.66	3.2	9	20	44	15800	.	.	5.2	.	.	*
GACR014S1	13- 32.776- 84.070-4-50-000	7.2	65	0.42	2.9	8	20	32	29300	740	9200	6.0	7200	63	*
GACR015S1	13- 32.773- 84.084-4-50-000	7.4	70	0.50	3.7	7	28	37	25300	.	.	4.7	.	.	*
GACR016S1	13- 32.767- 84.115-4-50-000	6.7	80	0.60	3.1	6	27	26	22400	760	5100	5.2	5200	64	*
GACR017S1	13- 32.779- 84.145-4-50-000	6.9	70	0.56	4.7	18	33	132	51800	1170	11900	12.4	12800	153	*
GACR018S1	13- 32.748- 84.167-4-50-000	7.1	75	0.56	2.6	6	22	29	17000	.	.	5.5	.	.	*
GACR019S1	13- 32.753- 84.138-4-50-000	7.1	70	0.54	-1.0	-2	6	-20	16700	580	11300	6.1	2800	42	*
GACR021S1	13- 32.729- 84.144-4-50-000	7.1	90	0.54	1.6	3	14	28	25100	.	.	6.3	.	.	*
GACR022S1	13- 32.705- 84.161-4-50-000	6.2	30	0.22	2.3	3	14	111	53000	1440	16000	10.8	11400	127	*
GACR023S1	13- 32.749- 84.110-4-50-000	7.2	85	0.60	3.3	-4	29	45	35500	780	17500	3.7	8300	101	*
GACR024S1	13- 32.684- 84.156-4-50-000	6.7	50	0.28	3.8	22	26	74	23800	2940	9600	3.6	7600	63	*
GACR025S1	13- 32.685- 84.142-4-50-000	7.0	90	0.40	2.2	4	15	34	14700	390	.	11.3	1000	-5	*
GACR026S1	13- 32.692- 84.116-4-50-000	7.2	58	0.32	2.6	-3	.	-20	.	540	17900	-0.6	4200	59	*
GACR027S1	13- 32.713- 84.092-4-50-000	6.9	63	0.42	3.4	11	17	32	12900	400	19200	2.4	3400	47	*
GACR028S1	13- 32.670- 84.082-4-50-000	6.8	28	0.14	10.7	63	57	319	8700	280	1900	2.6	6900	29	*
GACR029S1	13- 32.666- 84.070-4-50-000	5.6	20	0.06	5.1	17	27	114	10600	240	1600	6.0	6100	46	*
GACR030S1	13- 32.657- 84.064-4-50-000	5.9	55	0.24	13.2	64	89	294	11100	240	200	5.5	9100	34	*
GACR031S1	13- 32.697- 84.048-4-50-000	6.8	30	0.16	11.1	59	70	293	5200	140	2800	2.2	4700	25	*
GACR032S1	13- 32.701- 84.037-4-50-000	7.2	50	0.32	4.3	14	27	78	8500	380	6800	4.4	4300	37	*
GACR033S1	13- 32.720- 84.032-4-50-000	7.4	50	0.38	9.7	45	74	226	15700	470	4600	6.0	6500	53	*
GACR046S1	13- 32.649- 84.006-4-50-000	5.7	10	0.04	10.6	44	48	219	5500	170	.	3.2	8200	24	*
GACR056S1	13- 32.601- 84.023-4-50-000	4.1	23	0.00	10.7	43	54	213	8800	.	.	3.4	5300	14	*
GACR061S1	13- 32.713- 84.003-4-50-000	7.2	40	0.24	114.3	836	678	4080	14900	240	4300	7.9	13800	56	*
GACR064S1	13- 32.690- 84.009-4-50-000	6.5	33	0.20	8.1	35	41	169	.	.	.	3.4	.	-5	*
GAHS001S1	13- 32.862- 85.137-4-50-000	6.8	38	0.20	7.1	24	18	130	29000	680	1200	4.6	4700	54	*
GAHS004S1	13- 32.845- 85.071-4-50-000	5.5	38	0.18	66.7	264	279	1756	36200	1710	700	5.3	30300	78	*
GAHS005S1	13- 32.706- 84.721-4-50-000	7.0	58	0.36	4.5	16	33	87	27500	900	2400	3.0	8600	113	*
GAHS006S1	13- 32.822- 85.074-4-50-000	6.5	40	0.14	60.3	238	284	1582	23500	1160	600	7.2	17600	50	*
GAHS007S1	13- 32.833- 85.030-4-50-000	6.7	43	0.20	10.5	35	45	195	10300	.	.	4.1	.	.	*
GAHS008S1	13- 32.867- 84.994-4-50-000	6.5	35	0.16	47.9	169	223	1080	16200	1380	300	7.6	17000	29	*
GAHS009S1	13- 32.767- 84.706-4-50-000	6.5	40	0.24	7.6	25	117	127	26600	630	1000	4.9	9600	36	*
GAHS010S1	13- 32.825- 84.977-4-50-000	6.6	30	0.12	42.8	194	226	1296	16100	720	400	6.8	6600	31	*
GAHS011S1	13- 32.836- 84.949-4-50-000	6.3	33	0.18	8.3	27	28	207	26900	340	600	7.0	6800	59	*
GAHS012S1	13- 32.857- 84.907-4-50-000	6.9	29	0.12	12.6	51	57	329	5200	280	600	2.3	4200	13	*
GAHS013S1	13- 32.724- 84.893-4-50-000	6.9	61	0.42	34.5	184	264	726	65400	3000	1800	6.5	45500	184	*
GAHS014S1	13- 32.808- 84.910-4-50-000	6.4	30	0.14	62.9	317	220	1995	24400	.	.	4.1	.	.	*
GAHS015S1	13- 32.810- 84.926-4-50-000	6.5	30	0.10	17.1	77	63	464	22100	260	300	2.3	5000	28	*
GAHS016S1	13- 32.800- 84.956-4-50-000	6.6	30	0.16	9.1	34	34	254	22400	760	600	5.2	5000	49	*
GAHS017S1	13- 32.801- 84.966-4-50-000	6.6	30	0.14	23.2	115	85	750	24300	380	500	5.6	5100	36	*
GAHS018S1	13- 32.830- 84.709-4-50-000	6.8	27	0.14	10.6	42	118	190	21500	550	2000	3.8	10300	26	*
GAHS020S1	13- 32.638- 84.776-4-50-000	7.1	61	0.40	4.7	10	37	-20	23200	250	5700	6.3	1800	37	*
GAHS021S1	13- 32.754- 85.103-4-50-000	6.7	38	0.12	28.7	130	103	923	23700	310	700	3.7	5700	42	*
GAHS022S1	13- 32.750- 85.093-4-50-000	6.9	40	0.28	23.7	122	66	965	27600	470	900	5.0	4900	40	*
GAHS023S1	13- 32.729- 85.091-4-50-000	6.8	45	0.24	21.4	88	92	581	19700	.	.	2.2	.	.	*
GAHS024S1	13- 32.704- 85.084-4-50-000	6.9	51	0.40	12.6	53	107	243	36400	850	1100	5.1	19300	34	*
GAHS025S1	13- 32.815- 85.101-4-50-000	6.9	20	0.22	28.2	118	115	743	32900	2200	1100	5.4	16400	73	*
GAHS027S1	13- 32.744- 85.017-4-50-000	6.6	45	0.30	31.9	194	108	861	45500	.	.	4.1	.	.	*
GAHS028S1	13- 32.792- 84.902-4-50-000	6.3	25	0.12	19.4	72	75	553	26400	470	700	4.8	12000	46	*
GAHS031S1	13- 32.863- 84.805-4-50-000	6.8	53	0.18	19.7	82	125	508	12800	550	300	2.9	8800	20	*

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GAHS033S1	13- 32.817- 84.758-4-50-000	6.9	29	0.16	11.3	48	51	166	26400	930	2000	3.4	25900	44	
GAHS034S1	13- 32.809- 84.779-4-50-000	6.8	35	0.16	11.4	33	121	147	21100	.	.	8.1	.	.	
GAHS035S1	13- 32.799- 84.828-4-50-000	6.8	38	0.20	15.7	68	113	-20	.	.	.	-0.5	11100	-5	
GAHS036S1	13- 32.810- 84.701-4-50-000	7.0	33	0.18	16.1	67	145	366	48000	.	.	4.7	.	.	
GAHS037S1	13- 32.800- 84.734-4-50-000	7.1	40	0.24	31.5	189	146	685	46200	1540	2700	4.5	37600	64	
GAHS038S1	13- 32.813- 84.741-4-50-000	6.5	21	0.10	20.8	96	199	459	36200	790	1700	5.5	23400	54	
GAHS039S1	13- 32.663- 84.822-4-50-000	7.2	56	0.36	8.8	25	44	111	19700	1290	6700	5.8	3100	59	
GAHS040S1	13- 32.767- 84.759-4-50-000	7.2	30	0.20	52.5	380	345	1592	122100	2960	300	7.8	.	98	
GAHS041S1	13- 32.636- 84.990-4-50-000	6.9	89	0.58	10.8	52	35	303	40500	880	6500	10.0	5400	84	
GAHS042S1	13- 32.731- 84.754-4-50-000	6.8	31	0.20	7.8	41	88	286	23100	210	2100	7.4	4500	29	
GAHS043S1	13- 32.781- 84.969-4-50-000	7.0	40	0.16	5.8	23	25	136	6500	.	.	2.9	.	.	
GAHS044S1	13- 32.744- 84.806-4-50-000	6.9	28	0.14	22.0	72	219	522	31400	610	700	6.3	18400	41	
GAHS045S1	13- 32.732- 84.829-4-50-000	6.6	58	0.30	16.2	70	201	392	24300	.	.	6.4	.	.	
GAHS046S1	13- 32.728- 84.809-4-50-000	7.0	35	0.16	9.7	43	61	296	12400	250	800	3.1	6000	18	
GAHS047S1	13- 32.713- 84.699-4-50-000	7.0	53	0.38	6.9	29	47	203	26200	.	.	4.8	.	.	
GAHS048S1	13- 32.669- 84.715-4-50-000	7.5	135	0.64	5.7	6	50	25	9600	270	6900	7.5	1800	27	
GAHS049S1	13- 32.651- 84.730-4-50-000	6.9	90	0.62	9.3	19	149	111	13400	.	.	12.4	.	.	
GAHS050S1	13- 32.689- 84.831-4-50-000	7.2	60	0.42	3.1	17	17	83	8200	480	5400	5.7	2800	38	
GAHS051S1	13- 32.590- 84.719-4-50-000	7.0	80	0.54	13.9	90	21	367	58800	.	.	10.6	.	.	
GAHS052S1	13- 32.611- 84.685-4-50-000	7.5	91	0.64	6.6	26	39	143	25500	800	7600	10.3	5700	80	
GAHS053S1	13- 32.580- 84.763-4-50-000	7.5	65	0.44	10.1	42	30	217	24700	.	.	6.1	.	.	
GAHS054S1	13- 32.628- 84.889-4-50-000	6.8	69	0.48	9.2	13	66	72	10700	2090	7700	7.0	2700	26	
GAHS055S1	13- 32.582- 84.785-4-50-000	7.2	58	0.34	20.6	92	61	412	20100	990	6100	6.9	6400	61	
GAHS056S1	13- 32.660- 84.785-4-50-000	7.1	61	0.44	5.8	23	33	90	16300	.	.	7.8	.	.	
GAHS057S1	13- 32.635- 84.859-4-50-000	7.1	63	0.40	5.7	3	31	-20	7600	380	8400	5.2	2200	31	
GAHS059S1	13- 32.583- 84.831-4-50-000	7.2	52	0.34	27.8	130	95	643	85600	.	.	15.0	.	.	
GAHS060S1	13- 32.609- 84.905-4-50-000	6.6	75	0.44	4.8	8	12	34	25600	520	7300	7.6	-1000	59	
GAHS062S1	13- 32.756- 84.874-4-50-000	7.6	41	0.20	26.5	142	86	474	16600	.	.	2.9	.	.	
GAHS063S1	13- 32.748- 84.901-4-50-000	7.4	48	0.30	29.0	223	96	827	54900	1930	3600	6.4	35500	89	
GAHS064S1	13- 32.747- 84.911-4-50-000	7.6	29	0.14	15.5	98	51	357	20200	820	1400	2.4	20100	26	
GAHS065S1	13- 32.726- 84.927-4-50-000	7.1	40	0.28	7.4	38	76	192	34600	950	600	4.5	20200	46	
GAHS066S1	13- 32.786- 84.785-4-50-000	6.9	160	0.72	28.3	84	243	259	54900	1470	1500	3.0	39700	52	
GAHS067S1	13- 32.651- 84.937-4-50-000	7.0	95	0.62	8.4	41	22	222	43800	1060	11200	14.0	6200	141	
GAHS068S1	13- 32.770- 84.989-4-50-000	7.2	29	0.14	8.9	27	60	140	12100	290	500	2.0	6800	22	
GAHS070S1	13- 32.739- 84.958-4-50-000	7.0	34	0.20	6.7	36	34	174	12600	320	600	1.9	9100	33	
GAHS071S1	13- 32.830- 84.832-4-50-000	6.9	40	0.22	13.9	61	83	327	7400	370	400	2.5	5700	20	
GAHS072S1	13- 32.687- 84.954-4-50-000	6.5	130	0.98	2.2	2	8	47	53000	.	.	22.4	.	.	
GAHS073S1	13- 32.735- 85.062-4-50-000	7.1	42	0.28	17.0	87	109	418	28200	970	1100	2.8	20100	35	
GAHS074S1	13- 32.609- 84.985-4-50-000	6.8	68	0.44	12.6	42	16	181	29200	1730	4800	8.8	6300	70	
GAHS075S1	13- 32.633- 84.992-4-50-000	7.3	85	0.58	5.6	19	13	122	48500	1210	13000	11.6	5400	98	
GAHS076S1	13- 32.618- 85.026-4-50-000	6.6	85	0.58	3.1	12	10	86	39500	.	13100	12.2	-1000	126	
GAHS077S1	13- 32.672- 85.002-4-50-000	7.3	73	0.54	5.3	10	57	73	56500	.	2700	6.8	7600	108	
GAHS078S1	13- 32.712- 84.976-4-50-000	6.9	43	0.30	8.8	50	59	254	20300	470	800	4.3	7500	30	
GAHS079S1	13- 32.712- 84.986-4-50-000	7.0	40	0.28	9.1	46	120	225	22900	.	.	2.7	.	.	
GAHS080S1	13- 32.705- 85.010-4-50-000	6.8	43	0.30	15.8	124	77	587	31700	1100	2400	3.5	21000	71	
GAHS081S1	13- 32.692- 85.027-4-50-000	6.8	79	0.58	7.6	53	46	246	23000	610	1500	4.1	11000	42	
GAHS082S1	13- 32.689- 85.030-4-50-000	7.0	52	0.38	27.5	140	187	711	70900	2010	5200	23.6	23200	119	
GAHS083S1	13- 32.681- 85.042-4-50-000	6.4	49	0.28	4.3	17	15	99	17300	210	1900	5.4	3500	52	
GAHS084S1	13- 32.812- 85.043-4-50-000	6.6	40	0.30	7.6	30	40	223	57600	400	500	11.7	11400	91	
GAHS085S1	13- 32.706- 84.759-4-50-000	7.1	46	0.30	9.6	43	88	178	25200	.	.	5.1	.	.	
GAHS086S1	13- 32.864- 84.761-4-50-000	6.9	27	0.14	6.3	24	32	212	4400	830	500	1.4	5900	18	
GALA017S1	13- 32.968- 84.080-4-50-000	6.9	30	0.16	25.1	226	236	942	29800	510	1000	6.5	15100	74	
GALA034S1	13- 32.999- 84.081-4-50-000	6.6	32	0.16	56.9	497	264	2016	18800	460	1100	4.8	16800	40	
GALA035S1	13- 32.992- 84.135-4-50-000	6.7	30	0.16	55.1	509	482	1864	38100	400	800	4.8	20300	47	
GALA036S1	13- 32.965- 84.081-4-50-000	7.0	20	0.08	32.7	445	314	2000	35200	390	1300	6.1	11400	77	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 42
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GALA038S1	13- 32.944- 84.074-4-50-000	6.9	28	0.10	29.5	276	168	1067	28100	340	700	8.8	20300	78	
GAMA001S1	13- 32.410- 84.057-4-50-000	5.4	30	0.14	.	.	.	.	.	.	.	.	.	.	
GAMA002S1	13- 32.455- 84.065-4-50-000	5.5	20	0.08	.	.	.	.	.	.	.	.	.	.	
GAMA003S1	13- 32.483- 84.068-4-50-000	.	.	.	.	.	.	.	.	.	.	.	.	.	
GAMA004S1	13- 32.503- 84.065-4-50-000	6.1	65	0.28	3.9	14	38	85	7300	230	.	3.4	5600	20	
GAMA005S1	13- 32.466- 84.126-4-50-000	5.9	20	0.10	2.0	12	13	54	11600	70	.	1.3	2700	18	
GAMA006S1	13- 32.439- 84.151-4-50-000	6.2	15	0.06	4.9	19	35	77	6000	210	.	2.4	5100	25	
GAMA007S1	13- 32.434- 84.102-4-50-000	6.5	35	0.18	4.5	25	43	101	10400	160	.	2.7	5300	26	
GAMA008S1	13- 32.402- 84.147-4-50-000	5.7	15	0.08	7.4	46	66	230	16100	89	300	3.7	6400	45	
GAMA009S1	13- 32.398- 84.178-4-50-000	5.5	20	0.12	7.7	45	66	199	13100	100	.	2.0	6100	26	
GAMA010S1	13- 32.369- 84.226-4-50-000	5.7	15	0.08	.	.	.	.	.	.	.	.	.	.	
GAMA011S1	13- 32.386- 84.229-4-50-000	5.5	20	0.06	1.8	20	33	101	9100	70	100	2.5	5800	29	
GAMA012S1	13- 32.314- 84.232-4-50-000	5.9	25	0.14	10.4	56	70	292	25000	110	.	5.9	6700	54	
GAMA013S1	13- 32.308- 84.204-4-50-000	6.0	25	0.18	.	.	.	.	.	.	.	.	.	.	
GAMA014S1	13- 32.337- 84.180-4-50-000	5.8	20	0.10	8.4	39	76	183	7300	90	.	2.7	8600	28	
GAMA015S1	13- 32.332- 84.144-4-50-000	5.4	10	0.06	3.6	13	29	76	19300	80	.	2.7	3900	34	
GAMA016S1	13- 32.391- 84.080-4-50-000	5.9	30	0.10	.	.	.	.	.	.	.	.	.	.	
GAMA017S1	13- 32.294- 84.067-4-50-000	6.4	40	0.20	15.9	130	140	579	6300	120	.	1.2	7300	22	
GAMA024S1	13- 32.312- 84.016-4-50-000	6.7	45	0.16	5.3	24	52	109	7800	120	.	1.0	5300	23	
GAMA037S1	13- 32.245- 84.076-4-50-000	6.0	25	0.14	1.8	12	21	51	5000	50	.	0.9	4000	16	
GAMA038S1	13- 32.224- 84.114-4-50-000	5.1	25	0.02	1.8	9	16	33	10700	120	.	1.8	3500	22	
GAMA039S1	13- 32.262- 84.152-4-50-000	6.1	40	0.24	.	.	.	.	.	.	.	.	.	.	
GAMA040S1	13- 32.252- 84.207-4-50-000	6.0	25	0.14	3.2	18	31	57	16100	70	.	1.8	3700	25	
GAMA041S1	13- 32.274- 84.204-4-50-000	6.0	25	0.24	26.0	171	168	933	8000	180	.	6.2	13600	55	
GAME021S1	13- 32.889- 84.690-4-50-000	7.3	110	0.82	5.5	11	94	45	7200	110	200	1.9	6600	17	
GAME038S1	13- 32.953- 84.574-4-50-000	6.8	38	0.14	3.4	7	29	76	17100	210	300	2.0	5000	26	
GAME056S1	13- 32.998- 84.585-4-50-000	6.4	48	0.28	39.9	320	142	1677	22400	1530	2800	5.4	10700	36	
GAME063S1	13- 32.953- 84.846-4-50-000	6.7	47	0.30	19.3	58	117	448	22700	460	400	4.8	6600	30	
GAME064S1	13- 32.956- 84.805-4-50-000	6.8	33	0.20	53.8	214	175	1197	21800	880	1100	2.0	10800	45	
GAME065S1	13- 32.985- 84.778-4-50-000	7.2	80	0.36	42.3	239	126	1171	48900	2410	4100	9.2	37600	115	
GAME066S1	13- 32.987- 84.723-4-50-000	.	.	.	7.9	41	36	238	31800	800	1000	10.8	-1000	74	
GAME067S1	13- 32.984- 84.697-4-50-000	6.9	40	0.30	27.3	181	149	701	31900	1930	2400	8.2	23800	105	
GAME069S1	13- 32.961- 84.644-4-50-000	6.5	42	0.28	45.1	229	191	1286	115000	2340	700	12.8	30200	289	
GAME070S1	13- 32.961- 84.549-4-50-000	6.7	90	0.44	24.2	112	45	489	4800	540	300	2.7	6600	21	
GAME071S1	13- 32.924- 84.542-4-50-000	6.7	31	0.16	4.9	11	58	38	13300	260	2000	4.4	6900	21	
GAME072S1	13- 32.912- 84.538-4-50-000	6.8	30	0.16	18.0	30	230	74	28600	700	1700	5.8	18500	29	
GAME073S1	13- 32.868- 84.545-4-50-000	7.2	20	0.10	4.8	12	61	39	10700	160	300	2.1	5600	14	
GAME074S1	13- 32.887- 84.588-4-50-000	6.6	30	0.16	8.4	23	94	118	24900	420	900	2.7	13800	51	
GAME075S1	13- 32.939- 84.610-4-50-000	6.7	26	0.20	29.1	121	396	873	128100	1380	500	9.3	-1000	191	
GAME076S1	13- 32.884- 84.615-4-50-000	6.9	47	0.24	12.9	48	64	361	14000	450	400	3.0	5000	17	
GAME077S1	13- 32.928- 84.648-4-50-000	6.4	38	0.16	3.1	12	17	66	11300	210	200	3.2	2500	19	
GAME078S1	13- 32.882- 84.606-4-50-000	6.7	58	0.30	13.5	35	81	311	154100	860	300	5.3	23800	204	
GAME079S1	13- 32.873- 84.619-4-50-000	6.6	38	0.14	6.1	11	42	88	13900	180	700	2.5	6800	22	
GAME080S1	13- 32.848- 84.647-4-50-000	6.4	25	0.06	5.7	9	40	26	14000	260	300	1.9	4800	27	
GAME081S1	13- 32.911- 84.662-4-50-000	6.5	30	0.14	9.6	16	82	165	11400	270	300	1.6	8800	22	
GAME082S1	13- 32.934- 84.685-4-50-000	7.1	40	0.28	9.6	45	25	243	16100	400	1600	3.2	-1000	34	
GAME083S1	13- 32.949- 84.686-4-50-000	6.7	41	0.28	7.2	51	41	286	22800	480	2800	5.6	6100	23	
GAME084S1	13- 32.945- 84.704-4-50-000	6.9	43	0.30	31.2	166	160	779	25600	1720	1800	5.6	11400	68	
GAME085S1	13- 32.897- 84.718-4-50-000	6.8	65	0.48	10.0	26	55	219	17800	200	200	3.3	8200	30	
GAME086S1	13- 32.891- 84.741-4-50-000	6.5	30	0.16	10.9	45	57	270	14100	310	300	2.8	7300	23	
GAME087S1	13- 32.879- 84.791-4-50-000	6.8	40	0.24	29.9	113	129	770	30000	720	500	8.1	12000	47	
GAME088S1	13- 32.879- 84.758-4-50-000	6.9	20	0.10	9.7	31	75	264	14100	220	500	2.7	6400	24	
GAME090S1	13- 32.929- 84.767-4-50-000	6.8	50	0.34	32.1	163	68	705	20800	2240	2100	4.8	16100	49	
GAME091S1	13- 32.940- 84.765-4-50-000	6.7	48	0.30	15.8	83	77	338	11700	530	2300	4.5	3900	25	
GAME092S1	13- 32.938- 84.790-4-50-000	6.9	52	0.38	11.8	59	29	293	18000	3530	2300	3.4	-1000	39	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS--

PHENIX CITY SHEET

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GAME093S1	13- 32.899- 84.810-4-50-000	6.6	44	0.30	10.5	28	31	205	23700	230	200	6.0	3400	37	
GAME094S1	13- 32.891- 84.839-4-50-000	6.8	41	0.20	5.7	21	29	171	14100	420	300	2.7	-1000	14	
GAM0021S1	13- 32.879- 84.025-4-50-000	6.5	40	0.18	16.1	104	115	630	32900	410	1800	9.8	7800	46	
GAM0037S1	13- 32.973- 84.011-4-50-000	6.7	37	0.16	21.7	196	327	775	32800	240	1000	12.5	19200	64	
GAM0055S1	13- 32.941- 84.022-4-50-000	6.7	37	0.16	.	.	.	.	.	.	.	.	.	.	
GAM0063S1	13- 32.910- 84.034-4-50-000	6.6	32	0.18	.	.	.	.	.	.	.	.	.	.	
GAM0064S1	13- 32.922- 84.099-4-50-000	6.5	40	0.24	.	.	.	.	.	.	.	.	.	.	
GAM0065S1	13- 32.895- 84.077-4-50-000	7.0	43	0.20	.	.	.	.	.	.	.	.	.	.	
GAM0068S1	13- 32.855- 84.115-4-50-000	6.2	30	0.16	.	.	.	.	.	.	.	.	.	.	
GAMR001S1	13- 32.255- 84.635-4-50-000	6.8	50	0.80	4.8	18	37	56	9500	180	200	1.8	5700	20	
GAMR002S1	13- 32.254- 84.601-4-50-000	6.4	20	0.12	3.1	13	23	98	6900	120	300	1.5	5300	22	
GAMR003S1	13- 32.244- 84.552-4-50-000	6.7	10	0.20	4.8	16	34	61	4000	130	.	2.8	6300	25	
GAMR004S1	13- 32.215- 84.552-4-50-000	6.3	10	0.12	3.2	10	14	32	12500	60	.	2.5	3000	28	
GAMR005S1	13- 32.160- 84.518-4-50-000	6.6	10	0.20	4.3	23	20	66	11500	70	.	3.3	4500	24	
GAMR006S1	13- 32.156- 84.476-4-50-000	6.7	30	0.36	20.2	131	151	633	14400	390	100	2.7	9000	38	
GAMR007S1	13- 32.214- 84.462-4-50-000	5.9	20	0.28	5.9	27	34	249	79000	190	.	8.9	7400	143	
GAMR008S1	13- 32.226- 84.484-4-50-000	6.7	40	0.18	17.3	91	133	377	11800	310	.	4.1	10500	39	
GAMR009S1	13- 32.241- 84.477-4-50-000	6.4	5	0.12	24.6	137	163	691	23500	170	.	5.8	10800	45	
GAMR010S1	13- 32.261- 84.449-4-50-000	6.5	20	0.12	5.8	24	35	125	7500	130	.	1.1	4300	15	
GAMR011S1	13- 32.282- 84.446-4-50-000	.	.	.	15.4	55	124	314	11800	560	100	5.0	12300	42	
GAMR012S1	13- 32.309- 84.561-4-50-000	7.1	50	0.40	2.6	5	17	25	5900	160	200	0.7	2800	11	
GAMR013S1	13- 32.308- 84.633-4-50-000	7.0	40	0.34	4.7	11	12	59	27700	240	500	8.4	4100	71	
GAMR014S1	13- 32.302- 84.602-4-50-000	5.7	40	0.40	2.4	9	16	44	.	60	200	0.8	2000	10	
GAMR015S1	13- 32.345- 84.640-4-50-000	7.6	210	2.00	5.7	22	3	165	55300	100	400	13.5	4100	108	
GAMR016S1	13- 32.335- 84.579-4-50-000	6.2	10	0.26	3.1	13	23	35	8700	60	100	3.3	2500	12	
GAMR017S1	13- 32.334- 84.555-4-50-000	6.1	60	1.00	3.1	19	25	110	3300	70	100	1.5	3300	13	
GAMR018S1	13- 32.372- 84.581-4-50-000	.	.	.	20.2	75	121	415	19100	80	.	7.4	7800	61	
GAMR019S1	13- 32.411- 84.640-4-50-000	6.1	1	0.10	4.8	18	28	98	10100	70	200	2.2	3100	21	
GAMR020S1	13- 32.448- 84.625-4-50-000	.	.	.	6.7	20	65	82	9100	100	300	4.1	6500	38	
GAMR021S1	13- 32.514- 84.604-4-50-000	5.0	1	0.04	8.2	36	62	135	17600	160	200	4.6	6600	41	
GAMR022S1	13- 32.506- 84.539-4-50-000	4.7	1	0.02	3.3	12	19	29	6200	70	.	2.5	5300	23	
GAMR023S1	13- 32.446- 84.527-4-50-000	.	.	.	5.5	22	56	85	11200	150	.	4.9	11000	46	
GAMR024S1	13- 32.418- 84.544-4-50-000	.	.	.	5.3	16	28	99	30100	90	100	9.9	6300	97	
GAMR025S1	13- 32.383- 84.543-4-50-000	.	.	.	5.0	21	37	126	21300	180	200	6.0	5800	52	
GAMR026S1	13- 32.422- 84.588-4-50-000	4.8	1	0.04	10.2	39	96	177	10800	80	.	5.0	8400	34	
GAMR027S1	13- 32.531- 84.484-4-50-000	.	.	.	6.1	21	66	66	10000	80	.	4.2	5700	29	
GAMR028S1	13- 32.506- 84.445-4-50-000	.	.	.	11.5	46	106	153	15300	100	.	9.0	9900	49	
GAMR029S1	13- 32.457- 84.433-4-50-000	.	.	.	2.2	6	14	32	4100	30	.	2.1	2000	13	
GAMR030S1	13- 32.420- 84.443-4-50-000	.	.	.	3.3	5	23	34	10900	50	.	3.3	3000	23	
GAMR031S1	13- 32.385- 84.441-4-50-000	5.9	10	0.20	37.9	171	501	804	16400	80	.	9.7	10300	56	
GAMR032S1	13- 32.375- 84.405-4-50-000	.	.	.	5.2	18	42	84	10300	150	.	1.5	8900	26	
GAMR033S1	13- 32.343- 84.436-4-50-000	5.8	5	0.16	1.8	10	11	-20	5000	40	.	1.2	2500	11	
GAMR034S1	13- 32.326- 84.411-4-50-000	6.4	100	0.60	2.5	9	25	27	8500	80	100	2.2	4800	25	
GAMR035S1	13- 32.301- 84.509-4-50-000	6.1	1	0.08	2.5	9	18	66	7000	70	300	1.1	3000	11	
GAMR036S1	13- 32.339- 84.498-4-50-000	6.8	110	1.00	6.0	28	51	162	14900	110	200	3.1	4600	19	
GAMR037S1	13- 32.388- 84.512-4-50-000	.	.	.	3.2	8	10	-23	22200	60	.	4.2	2500	41	
GAMR038S1	13- 32.423- 84.492-4-50-000	6.2	1	0.08	3.4	18	29	51	6000	30	.	2.1	2200	10	
GAMR039S1	13- 32.451- 84.474-4-50-000	5.3	1	0.04	7.9	24	64	100	2700	60	.	3.4	6100	29	
GAMR040S1	13- 32.480- 84.489-4-50-000	4.9	1	0.04	4.7	26	52	117	7000	50	.	3.0	4200	17	
GAMR041S1	13- 32.522- 84.525-4-50-000	.	.	.	4.7	18	29	71	7000	50	.	2.5	3800	22	
GAMR042S1	13- 32.482- 84.601-4-50-000	4.4	1	0.00	1.6	4	13	-20	-700	40	.	1.6	3200	16	
GAMS001S1	13- 32.596- 85.022-4-50-000	6.8	60	0.48	3.5	6	11	63	53100	2070	.	9.9	-1000	84	
GAMS002S1	13- 32.581- 85.018-4-50-000	6.5	43	0.30	4.6	9	11	43	37500	1100	8000	7.2	10300	118	
GAMS003S1	13- 32.585- 84.977-4-50-000	7.1	35	0.88	5.1	12	8	66	17800	.	.	6.5	7500	73	
GAMS004S1	13- 32.580- 84.969-4-50-000	7.1	75	0.48	6.4	12	15	61	26500	650	10400	8.4	5700	53	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS--

PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GAMS005S1	13- 32.600- 84.928-4-50-000	6.9	50	0.40	8.0	6	60	-20	20000	1110	-100	11.4	15500	45	
GAMS006S1	13- 32.571- 84.946-4-50-000	7.2	50	0.40	5.2	9	26	32	16900	350	11200	7.7	3900	40	
GAMS008S1	13- 32.545- 84.883-4-50-000	6.9	40	0.28	11.7	60	32	331	21600	.	.	5.2	5400	40	
GAMS009S1	13- 32.553- 84.867-4-50-000	6.8	42	0.34	6.1	23	24	116	15800	800	6000	3.3	5500	28	
GAMS010S1	13- 32.561- 84.847-4-50-000	7.1	45	0.28	11.8	57	30	220	37500	.	.	9.5	.	.	
GAMS011S1	13- 32.554- 84.837-4-50-000	6.7	50	0.34	11.9	109	58	423	14800	.	.	5.0	.	.	
GAMS012S1	13- 32.534- 84.846-4-50-000	7.1	38	0.20	22.2	133	102	583	41200	1570	5000	9.9	13300	119	
GAMS013S1	13- 32.538- 84.813-4-50-000	7.2	40	0.20	6.5	35	36	152	16800	870	7400	5.8	6600	71	
GAMS014S1	13- 32.544- 84.774-4-50-000	6.9	45	0.28	5.0	21	59	75	24600	.	.	8.8	.	.	
GAMS016S1	13- 32.555- 84.738-4-50-000	7.0	68	0.62	4.9	18	38	85	24200	1350	5900	4.9	9100	82	
GAMS017S1	13- 32.541- 84.727-4-50-000	6.8	52	0.40	4.3	16	34	73	8900	.	5700	3.8	5600	40	
GAMS018S1	13- 32.539- 84.710-4-50-000	7.3	72	0.50	10.5	50	40	204	39100	.	11700	9.3	7800	147	
GAMS019S1	13- 32.542- 84.690-4-50-000	7.1	45	0.28	7.0	27	38	108	20800	570	5000	7.3	9400	58	
GAMS020S1	13- 32.504- 84.853-4-50-000	6.4	30	0.20	14.8	74	67	351	10400	530	1000	2.4	6900	27	
GAMS021S1	13- 32.517- 84.844-4-50-000	5.9	21	0.06	15.4	89	64	375	8700	730	1400	2.5	11200	39	
GAMS022S1	13- 32.484- 84.884-4-50-000	5.8	22	0.12	7.0	35	33	150	5600	.	.	3.7	.	.	
GAMS023S1	13- 32.485- 84.879-4-50-000	5.7	20	0.06	17.7	93	68	422	8500	210	400	2.9	8800	26	
GAMS024S1	13- 32.485- 84.859-4-50-000	5.6	19	0.06	15.6	-2	60	-20	.	240	700	3.0	12500	39	
GAMS025S1	13- 32.489- 84.859-4-50-000	5.8	18	0.07	16.4	74	92	313	3600	.	.	3.7	.	.	
GAMS026S1	13- 32.484- 84.835-4-50-000	5.5	10	0.06	7.3	32	41	100	.	120	200	2.3	6500	21	
GAMS027S1	13- 32.499- 84.831-4-50-000	5.2	17	0.07	70.3	462	236	2068	22400	.	.	10.6	.	.	
GAMS028S1	13- 32.510- 84.823-4-50-000	5.6	18	0.05	61.7	390	365	1735	19000	620	500	4.2	21400	50	
GAMS029S1	13- 32.473- 84.840-4-50-000	5.4	15	0.05	27.5	152	186	778	3300	.	.	4.7	.	.	
GAMS030S1	13- 32.460- 84.868-4-50-000	5.6	22	0.07	8.1	32	48	144	.	230	200	2.8	9200	26	
GAMS031S1	13- 32.459- 84.874-4-50-000	5.8	10	0.06	23.4	157	125	742	9200	.	.	4.3	.	.	
GAMS032S1	13- 32.471- 84.903-4-50-000	5.7	27	0.10	33.8	182	163	848	18100	170	200	4.9	9200	36	
GAMS033S1	13- 32.463- 84.897-4-50-000	5.9	20	0.06	19.4	122	96	577	6900	.	.	3.3	.	.	
GAMS034S1	13- 32.459- 84.886-4-50-000	5.9	21	0.06	31.7	212	164	1050	11200	270	200	4.6	15400	55	
GASC001S1	13- 32.406- 84.374-4-50-000	6.4	20	0.36	2.0	7	16	-20	8300	30	.	2.0	2900	16	
GASC002S1	13- 32.374- 84.323-4-50-000	5.3	1	0.06	15.2	64	97	286	9100	80	.	3.4	5100	16	
GASC003S1	13- 32.328- 84.329-4-50-000	6.2	10	0.16	5.8	20	43	46	9600	80	200	3.7	4500	20	
GASC004S1	13- 32.339- 84.295-4-50-000	6.1	5	0.10	25.7	169	207	884	8900	100	200	5.1	8500	30	
GASC005S1	13- 32.339- 84.266-4-50-000	6.2	10	0.14	101.9	719	593	3631	45200	410	.	15.2	32300	109	
GASC006S1	13- 32.288- 84.250-4-50-000	6.2	20	0.20	2.5	10	19	-20	11000	70	.	3.4	2800	20	
GASC007S1	13- 32.265- 84.306-4-50-000	6.4	30	0.28	3.3	14	15	71	31000	90	100	5.1	3300	60	
GASC008S1	13- 32.297- 84.320-4-50-000	6.0	10	0.16	3.6	16	26	74	10500	200	.	2.9	4000	21	
GASC009S1	13- 32.290- 84.351-4-50-000	6.3	20	0.16	19.4	113	129	531	13600	300	100	5.5	21800	67	
GASC010S1	13- 32.327- 84.375-4-50-000	6.2	10	0.14	2.3	11	16	37	13800	70	.	4.7	3700	22	
GASC011S1	13- 32.272- 84.389-4-50-000	6.9	20	0.22	5.4	16	19	155	18600	120	500	7.1	8900	100	
GASC012S1	13- 32.239- 84.241-4-50-000	6.5	30	0.32	3.5	10	36	69	14100	320	.	2.1	5200	27	
GASC013S1	13- 32.215- 84.216-4-50-000	6.2	20	0.18	2.8	6	33	61	12600	210	.	1.1	3400	11	
GASC014S1	13- 32.177- 84.212-4-50-000	6.3	10	0.18	2.5	9	30	56	6800	70	.	1.1	2700	10	
GASC015S1	13- 32.176- 84.285-4-50-000	6.7	30	0.24	4.7	18	59	136	5800	80	.	1.3	3400	16	
GASC016S1	13- 32.206- 84.286-4-50-000	6.3	10	0.18	1.8	8	23	37	8300	110	.	1.6	3900	15	
GASC017S1	13- 32.177- 84.362-4-50-000	6.5	10	0.16	2.3	9	23	30	14500	280	.	2.2	3700	21	
GASC018S1	13- 32.232- 84.330-4-50-000	6.4	20	0.28	1.0	4	4	-35	13400	30	.	1.4	1300	20	
GASC019S1	13- 32.248- 84.352-4-50-000	6.7	40	0.20	4.8	24	46	82	9100	150	.	2.0	6500	33	
GASC020S1	13- 32.216- 84.387-4-50-000	6.5	40	0.36	5.7	19	20	176	46200	530	300	10.1	5800	95	
GASC021S1	13- 32.191- 84.420-4-50-000	6.2	10	0.14	.	.	.	.	.	.	.	.	.	.	
GASC022S1	13- 32.221- 84.423-4-50-000	5.9	5	0.12	.	.	.	.	.	.	.	.	.	.	
GASU001S1	13- 32.099- 84.415-4-50-000	6.1	40	0.45	1.4	6	16	-20	8900	60	.	0.8	3600	14	
GASU002S1	13- 32.073- 84.405-4-50-000	6.4	20	0.24	.	.	.	.	.	.	.	.	.	.	
GASU003S1	13- 32.013- 84.415-4-50-000	6.4	10	0.18	2.0	7	14	82	17200	140	.	3.3	3000	36	
GASU013S1	13- 32.017- 84.021-4-50-000	7.4	200	2.00	5.1	13	91	63	11700	570	.	2.0	4700	23	
GASU014S1	13- 32.025- 84.093-4-50-000	7.3	120	1.10	3.9	7	57	36	7100	110	.	2.4	3400	24	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 45

11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GASU015S1	13- 32.056- 84.192-4-50-000	6.3	30	0.30	.	.	.	.	.	.	.	.	.	.	.
GASU016S1	13- 32.158- 84.414-4-50-000	6.1	10	0.16	2.4	12	18	63	27000	150	.	3.7	4200	61	.
GASU017S1	13- 32.132- 84.362-4-50-000	5.3	10	0.12	8.0	51	88	240	10700	130	.	1.6	6700	23	.
GASU018S1	13- 32.163- 84.321-4-50-000	6.4	5	0.16	.	.	.	.	.	.	.	.	.	.	.
GASU019S1	13- 32.116- 84.277-4-50-000	6.1	10	0.12	4.2	16	50	66	5200	120	.	1.2	5200	21	.
GASU020S1	13- 32.127- 84.252-4-50-000	6.2	10	0.08	3.6	17	45	94	12800	180	100	1.8	4600	17	.
GASU021S1	13- 32.106- 84.242-4-50-000	6.2	10	0.12	13.5	62	212	296	11100	170	.	2.9	8900	31	.
GASU022S1	13- 32.077- 84.231-4-50-000	6.3	70	0.60	.	.	.	.	.	.	.	.	.	.	.
GASU023S1	13- 32.139- 84.140-4-50-000	6.0	40	0.60	4.0	17	.8	263	85500	530	-200	12.9	6200	119	.
GASU024S1	13- 32.175- 84.133-4-50-000	6.4	10	0.12	5.5	24	53	223	41200	310	.	10.2	6000	86	.
GASU025S1	13- 32.207- 84.155-4-50-000	6.0	50	0.60	2.8	13	27	60	17700	90	.	2.3	3800	34	.
GASU026S1	13- 32.177- 84.157-4-50-000	5.1	10	0.06	.	.	.	.	.	.	.	.	.	.	.
GASU027S1	13- 32.160- 84.177-4-50-000	6.0	10	0.12	4.2	24	10	319	150500	1760	.	7.7	5800	88	.
GASU028S1	13- 32.126- 84.196-4-50-000	6.3	160	0.50	3.0	13	28	186	16800	410	200	2.6	5500	40	.
GASU029S1	13- 32.103- 84.122-4-50-000	6.2	40	0.24	-1.5	17	65	76	11100	80	.	1.5	4400	25	.
GASU030S1	13- 32.055- 84.074-4-50-000	6.0	20	0.22	4.9	17	50	114	18200	360	100	3.9	6400	59	.
GASU031S1	13- 32.056- 84.007-4-50-000	6.3	40	0.36	8.4	36	96	181	14200	570	.	2.0	5800	26	.
GASU037S1	13- 32.167- 84.090-4-50-000	6.3	30	0.22	2.3	9	22	86	16400	140	300	3.2	4000	38	.
GASU038S1	13- 32.133- 84.067-4-50-000	6.2	20	0.16	8.5	47	95	185	18000	270	.	4.8	9600	37	.
GASU039S1	13- 32.091- 84.014-4-50-000	6.8	40	0.30	5.2	27	70	140	20000	1980	-200	2.1	8800	33	.
GASU040S1	13- 32.087- 84.093-4-50-000	5.8	40	0.14	4.5	14	68	68	8900	100	.	1.1	4000	21	.
GASU041S1	13- 32.053- 84.136-4-50-000	6.8	30	0.20	3.7	18	36	81	16300	460	.	2.0	5600	23	.
GASU042S1	13- 32.019- 84.167-4-50-000	6.7	70	0.50	3.7	10	52	29	9500	80	.	2.7	2800	20	.
GASU045S1	13- 32.016- 84.196-4-50-000	.	.	.	3.1	12	31	47	21400	370	200	4.3	5000	55	.
GASU046S1	13- 32.019- 84.269-4-50-000	5.7	20	0.18	4.6	16	79	78	15200	210	100	2.8	12000	37	.
GASU049S1	13- 32.027- 84.348-4-50-000	6.3	20	0.26	5.2	31	11	479	91400	410	.	11.9	7600	197	.
GASU050S1	13- 32.041- 84.302-4-50-000	6.0	30	0.30	4.2	20	22	368	55800	220	200	9.7	4800	127	.
GASU051S1	13- 32.086- 84.296-4-50-000	6.1	20	0.10	3.8	9	59	57	9100	180	.	2.7	8100	40	.
GASU052S1	13- 32.092- 84.348-4-50-000	5.7	5	0.12	3.1	17	39	68	17700	140	.	2.3	5300	35	.
GASU053S1	13- 32.062- 84.353-4-50-000	5.6	10	0.10	4.4	21	42	149	45400	210	100	7.2	4200	79	.
GASW001S1	13- 32.222- 84.786-4-50-000	6.7	30	0.28	2.1	6	8	27	9900	50	.	2.8	2300	16	.
GASW002S1	13- 32.222- 84.739-4-50-000	7.0	30	0.22	38.8	241	245	1247	19600	620	200	4.6	19300	42	.
GASW003S1	13- 32.227- 84.678-4-50-000	6.7	80	0.70	3.9	17	40	77	8600	150	200	2.1	6400	18	.
GASW004S1	13- 32.199- 84.687-4-50-000	6.9	60	0.60	2.3	5	12	46	11300	.	.	2.1	.	.	.
GASW005S1	13- 32.140- 84.706-4-50-000	6.8	10	0.10	39.2	273	232	1410	11800	190	.	5.0	10700	34	.
GASW006S1	13- 32.152- 84.755-4-50-000	7.2	60	0.50	13.3	67	87	351	9500	270	200	2.0	8900	22	.
GASW007S1	13- 32.178- 84.756-4-50-000	7.2	110	0.90	-1.0	-2	6	-20	5400	120	300	0.8	2400	8	.
GASW008S1	13- 32.172- 84.778-4-50-000	6.1	10	0.30	7.0	31	54	130	13900	160	100	3.3	8400	29	.
GASW009S1	13- 32.190- 84.869-4-50-000	5.7	60	0.40	9.8	57	54	318	4300	70	200	1.6	6300	23	.
GASW010S1	13- 32.145- 84.805-4-50-000	6.7	80	0.50	6.0	26	38	146	7700	240	100	1.9	8300	20	.
GASW011S1	13- 32.189- 84.815-4-50-000	7.5	10	0.10	8.7	40	56	178	8800	220	100	2.8	13900	39	.
GASW012S1	13- 32.226- 84.845-4-50-000	6.2	20	0.24	4.9	15	30	86	6700	90	200	2.1	3800	17	.
GASW013S1	13- 32.137- 84.843-4-50-000	6.9	70	0.30	4.1	9	15	46	4500	110	300	1.0	3300	15	.
GASW014S1	13- 32.142- 84.879-4-50-000	7.2	70	0.60	3.4	11	16	50	7500	130	200	1.1	3300	12	.
GASW015S1	13- 32.139- 84.932-4-50-000	7.1	50	0.40	12.8	69	60	353	20600	300	200	2.0	11600	27	.
GASW016S1	13- 32.137- 84.956-4-50-000	6.1	1	0.08	10.6	61	61	285	2700	110	.	0.9	5100	14	.
GASW017S1	13- 32.135- 85.029-4-50-000	5.5	20	0.08	3.9	20	26	64	6700	90	200	1.9	3500	16	.
GASW018S1	13- 32.117- 85.008-4-50-000	6.4	10	0.08	6.4	37	45	198	5200	120	100	0.9	4900	14	.
GASW019S1	13- 32.093- 85.004-4-50-000	6.6	10	0.10	8.9	50	47	258	9300	130	200	1.6	5600	17	.
GASW020S1	13- 32.009- 84.894-4-50-000	.	.	.	2.8	12	10	51	36800	200	.	7.8	3100	68	.
GASW021S1	13- 32.034- 84.887-4-50-000	6.9	10	0.20	5.6	26	15	218	143100	450	200	15.6	4700	174	.
GASW022S1	13- 32.047- 84.861-4-50-000	6.9	10	0.14	3.7	8	7	92	116500	510	100	9.3	2000	92	.
GASW023S1	13- 32.075- 84.724-4-50-000	7.1	10	0.12	6.1	27	51	221	26800	390	100	8.2	6900	83	.
GASW024S1	13- 32.059- 84.679-4-50-000	7.4	30	0.28	41.2	264	470	1163	38200	860	-100	7.7	43900	104	.
GASW025S1	13- 32.091- 84.703-4-50-000	7.0	20	0.12	10.4	55	63	264	29500	300	.	6.4	6700	42	.

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GASW026S1	13- 32.113- 84.776-4-50-000	7.4	100	0.80	4.9	20	30	111	11200	190	300	2.3	6000	23	
GASW027S1	13- 32.119- 84.858-4-50-000	7.4	30	0.26	3.7	13	17	68	9400	110	200	4.5	3800	32	
GASW028S1	13- 32.199- 84.941-4-50-000	7.9	30	0.28	3.9	19	19	92	7800	160	200	2.9	5300	25	
GASW029S1	13- 32.169- 84.984-4-50-000	.	.	.	6.8	38	55	193	16800	240	100	3.0	7500	34	
GASW030S1	13- 32.043- 85.024-4-50-000	.	.	.	3.1	15	17	61	8700	190	400	1.4	4800	16	
GASW031S1	13- 32.006- 85.030-4-50-000	7.2	80	0.60	4.4	.	.	.	.	190	100	.	5400	16	
GASW034S1	13- 32.118- 84.651-4-50-000	6.0	1	0.14	19.2	127	132	630	17900	150	.	4.5	9200	33	
GASW035S1	13- 32.056- 84.764-4-50-000	6.3	60	0.70	5.7	31	25	127	48400	200	200	6.8	6000	83	
GASW036S1	13- 32.032- 84.784-4-50-000	6.3	10	0.12	12.5	83	61	456	76100	1010	400	9.0	8500	114	
GASW042S1	13- 32.034- 84.655-4-50-000	7.0	10	0.06	10.3	50	164	179	17200	150	.	4.4	10000	47	
GASW043S1	13- 32.034- 84.714-4-50-000	6.6	20	0.20	22.5	161	196	839	39200	590	.	4.6	14400	94	
GASW050S1	13- 32.022- 84.922-4-50-000	.	.	.	73.4	475	343	2398	30700	480	.	12.2	22900	87	
GASW051S1	13- 32.033- 84.989-4-50-000	6.6	40	0.22	3.7	-2	21	-20	.	150	200	1.4	5500	24	
GASW052S1	13- 32.108- 84.846-4-50-000	6.8	40	0.40	17.4	97	87	487	9200	770	-100	3.7	6500	33	
GASW053S1	13- 32.105- 84.924-4-50-000	6.1	40	0.50	6.8	28	32	180	6800	210	200	2.5	6700	27	
GASW054S1	13- 32.100- 84.967-4-50-000	6.2	10	0.08	3.0	16	19	59	6000	100	.	1.3	3600	14	
GASW055S1	13- 32.078- 85.013-4-50-000	7.0	90	0.80	3.7	20	19	85	13900	130	100	4.2	3600	25	
GASW056S1	13- 32.067- 84.979-4-50-000	6.7	40	0.40	3.4	14	18	75	8800	100	200	1.7	3700	10	
GASW057S1	13- 32.076- 84.931-4-50-000	6.6	80	0.12	4.8	11	26	67	6400	150	200	2.2	4200	11	
GASW058S1	13- 32.048- 84.847-4-50-000	6.2	5	0.12	2.5	15	12	36	16500	90	.	3.2	4600	54	
GASW059S1	13- 32.032- 84.811-4-50-000	6.3	5	0.10	2.7	9	18	60	21800	580	.	2.9	3500	24	
GATA001S1	13- 32.823- 84.665-4-50-000	6.4	25	0.16	11.0	30	182	86	30600	650	1800	3.8	14100	47	
GATA002S1	13- 32.824- 84.650-4-50-000	6.8	28	0.20	5.1	7	108	70	37300	.	.	6.6	.	.	
GATA003S1	13- 32.807- 84.629-4-50-000	6.8	30	0.24	13.0	34	256	192	43600	1190	1500	4.2	29500	61	
GATA004S1	13- 32.820- 84.595-4-50-000	7.0	30	0.20	15.5	16	486	73	44100	990	1100	9.1	37600	79	
GATA005S1	13- 32.838- 84.561-4-50-000	7.5	29	0.16	16.6	14	520	42	40200	650	700	11.6	29800	51	
GATA006S1	13- 32.813- 84.530-4-50-000	6.7	39	0.25	5.7	7	172	88	43700	1180	1600	8.3	20300	88	
GATA007S1	13- 32.816- 84.562-4-50-000	7.0	34	0.20	7.7	5	215	71	37500	810	800	6.7	17300	52	
GATA008S1	13- 32.828- 84.473-4-50-000	6.8	38	0.28	12.1	45	113	249	29700	.	.	6.5	.	.	
GATA009S1	13- 32.812- 84.495-4-50-000	6.7	40	0.28	20.9	99	139	485	47100	980	1400	8.8	30300	51	
GATA010S1	13- 32.783- 84.511-4-50-000	7.1	39	0.20	16.3	73	196	320	25300	.	.	6.7	.	.	
GATA011S1	13- 32.773- 84.486-4-50-000	6.8	35	0.16	10.9	78	67	378	37300	.	.	6.4	.	.	
GATA012S1	13- 32.781- 84.407-4-50-000	7.3	49	0.34	8.5	72	59	408	20700	.	.	5.4	.	.	
GATA013S1	13- 32.755- 84.522-4-50-000	6.9	32	0.30	19.7	136	147	637	23600	230	1800	7.0	13200	59	
GATA014S1	13- 32.757- 84.581-4-50-000	6.9	35	0.28	18.7	89	187	395	12500	330	800	3.4	14200	41	
GATA015S1	13- 32.794- 84.603-4-50-000	6.5	30	0.24	12.3	53	160	326	47500	.	.	5.7	.	.	
GATA016S1	13- 32.781- 84.638-4-50-000	6.7	30	0.28	10.7	41	75	174	21500	490	900	3.0	12500	31	
GATA017S1	13- 32.747- 84.665-4-50-000	6.8	30	0.20	5.7	22	46	173	16300	270	1300	3.7	5800	22	
GATA018S1	13- 32.738- 84.648-4-50-000	6.9	42	0.34	10.6	59	69	262	15400	.	.	4.3	.	.	
GATA019S1	13- 32.743- 84.618-4-50-000	7.0	35	0.30	17.7	93	197	502	32700	570	1200	4.8	17200	35	
GATA020S1	13- 32.707- 84.644-4-50-000	7.5	52	0.50	3.2	4	20	-20	19800	.	.	6.1	.	.	
GATA023S1	13- 32.677- 84.635-4-50-000	7.3	53	0.44	2.8	5	15	30	12800	620	18100	7.4	2900	55	
GATA024S1	13- 32.657- 84.650-4-50-000	7.0	52	0.48	4.7	10	22	83	16600	.	.	8.3	.	.	
GATA025S1	13- 32.683- 84.599-4-50-000	7.4	60	0.54	7.5	20	39	74	17800	940	8100	12.6	4300	57	
GATA026S1	13- 32.666- 84.569-4-50-000	6.7	81	0.74	7.4	35	15	198	37300	.	4200	8.7	11000	118	
GATA027S1	13- 32.674- 84.560-4-50-000	7.1	98	0.78	3.7	10	16	75	24200	.	4600	4.7	10100	64	
GATA028S1	13- 32.715- 84.493-4-50-000	6.9	51	0.38	5.0	14	33	81	16100	.	6300	5.2	5600	58	
GATA029S1	13- 32.674- 84.520-4-50-000	7.0	67	0.54	6.8	19	52	83	34300	1930	3700	5.3	11600	107	
GATA030S1	13- 32.653- 84.532-4-50-000	7.2	60	0.48	3.0	8	10	35	40000	.	4500	5.7	7700	102	
GATA031S1	13- 32.739- 84.499-4-50-000	7.0	52	0.38	2.5	10	11	46	14700	.	.	6.6	.	.	
GATA032S1	13- 32.727- 84.429-4-50-000	7.1	44	0.38	2.6	.	16	-24	.	2120	7200	7.2	18500	149	
GATA033S1	13- 32.735- 84.416-4-50-000	7.1	48	0.34	1.3	-2	9	-20	27400	.	.	9.8	.	.	
GATA034S1	13- 32.746- 84.378-4-50-000	6.9	57	0.40	1.2	-2	10	-20	34300	.	.	3.9	.	.	
GATA035S1	13- 32.718- 84.344-4-50-000	7.3	58	0.44	1.5	2	8	31	17200	1030	10300	3.5	5100	51	
GATA036S1	13- 32.711- 84.382-4-50-000	7.1	58	0.40	2.7	5	11	-20	35800	1570	5100	5.4	10900	117	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS--

PHENIX CITY SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GATA037S1	13- 32.703- 84.427-4-50-000	7.0	54	0.44	3.8	9	17	59	33400	3580	6700	5.3	8700	91	
GATA038S1	13- 32.704- 84.451-4-50-000	7.1	54	0.40	3.3	12	12	29	20300	790	9200	8.2	4900	75	
GATA039S1	13- 32.674- 84.478-4-50-000	6.8	20	0.28	2.1	5	15	47	31800	.	.	7.0	.	.	
GATA040S1	13- 32.625- 84.441-4-50-000	6.3	15	0.14	-1.0	-3	4	-20	11900	.	.	2.6	.	.	
GATA041S1	13- 32.627- 84.391-4-50-000	6.4	31	0.16	13.0	63	101	267	17500	630	1100	5.6	30800	91	
GATA043S1	13- 32.633- 84.520-4-50-000	7.3	60	0.48	1.5	3	8	34	27200	600	5500	6.4	4200	62	
GATA044S1	13- 32.610- 84.529-4-50-000	6.8	35	0.24	5.0	34	27	145	13300	.	.	3.5	.	.	
GATA045S1	13- 32.624- 84.557-4-50-000	7.7	55	0.54	7.9	74	30	352	24500	1340	5800	4.5	11900	78	
GATA046S1	13- 32.606- 84.574-4-50-000	7.5	75	0.68	1.5	3	6	27	21800	880	10900	3.8	7500	87	
GATA047S1	13- 32.628- 84.647-4-50-000	7.4	90	0.72	2.8	5	8	-20	23600	750	12300	13.9	3300	93	
GATA048S1	13- 32.605- 84.680-4-50-000	7.2	80	0.62	5.8	15	20	78	32700	820	14300	12.0	6000	101	
GATA049S1	13- 32.590- 84.698-4-50-000	6.6	30	0.14	4.2	29	11	169	103400	1060	9900	17.3	15600	317	
GATA050S1	13- 32.571- 84.679-4-50-000	6.7	30	0.20	13.3	75	58	325	96000	.	10900	16.3	6200	225	
GATA051S1	13- 32.571- 84.640-4-50-000	6.9	50	0.34	3.5	13	22	77	12900	.	.	7.1	.	.	
GATA052S1	13- 32.566- 84.600-4-50-000	5.1	10	0.06	3.4	15	20	44	6000	.	.	2.7	.	29	
GATA053S1	13- 32.557- 84.615-4-50-000	5.7	20	0.06	18.8	124	99	539	8500	.	.	2.2	.	.	
GATA054S1	13- 32.563- 84.550-4-50-000	4.7	20	0.04	20.1	104	114	507	11300	180	200	3.1	10800	41	
GATA055S1	13- 32.554- 84.541-4-50-000	4.8	9	0.00	5.6	28	33	85	.	130	300	1.6	7400	23	
GATA056S1	13- 32.702- 84.618-4-50-000	6.8	49	0.44	1.5	3	8	23	14000	410	7600	4.8	1900	36	
GATA057S1	13- 32.679- 84.370-4-50-000	7.4	58	0.40	1.9	2	14	62	34400	1120	7400	4.5	9000	84	
GATA058S1	13- 32.631- 84.444-4-50-000	7.1	42	0.30	10.0	47	83	268	24000	1870	5800	6.1	30400	120	
GATA059S1	13- 32.571- 84.505-4-50-000	4.6	18	0.00	9.8	50	54	223	5500	60	200	2.8	4600	17	
GATA060S1	13- 32.574- 84.506-4-50-000	5.0	18	0.06	15.4	92	81	325	6600	.	.	3.5	.	.	
GATA062S1	13- 32.553- 84.582-4-50-000	5.4	10	0.06	7.7	36	27	147	31900	110	500	7.3	6800	101	
GATA063S1	13- 32.542- 84.672-4-50-000	5.8	11	0.04	5.0	23	19	137	13900	230	400	1.5	7300	26	
GATA064S1	13- 32.629- 84.583-4-50-000	7.4	50	0.48	3.3	8	14	36	25500	.	.	2.6	.	.	
GATA065S1	13- 32.668- 84.615-4-50-000	7.5	60	0.50	3.9	7	16	32	14800	570	7300	6.4	3100	47	
GATA067S1	13- 32.619- 84.696-4-50-000	6.8	36	0.20	3.3	8	11	34	35900	760	22100	18.5	6800	162	
GATA068S1	13- 32.619- 84.618-4-50-000	7.4	84	0.74	2.9	10	9	72	36700	1030	15600	9.7	7900	124	
GATA070S1	13- 32.745- 84.698-4-50-000	7.4	39	0.24	4.0	15	17	112	14500	.	.	3.4	.	.	
GATA071S1	13- 32.592- 84.635-4-50-000	7.5	59	0.48	6.0	30	19	151	28000	830	7700	7.1	7800	90	
GATA072S1	13- 32.822- 84.556-4-50-000	6.7	30	0.24	3.3	9	31	77	21000	.	.	4.5	.	.	
GATA073S1	13- 32.799- 84.655-4-50-000	6.4	32	0.28	51.3	323	140	1219	84900	.	.	5.9	.	.	
GATA074S1	13- 32.841- 84.549-4-50-000	7.2	28	0.16	3.3	4	99	39	27800	540	2400	6.2	14100	42	
GATA076S1	13- 32.702- 84.516-4-50-000	7.3	70	0.50	4.2	13	17	62	23800	.	.	4.4	.	.	
GATA077S1	13- 32.766- 84.448-4-50-000	6.9	28	0.38	3.0	17	24	92	14600	350	5900	4.4	5000	43	
GATA078S1	13- 32.710- 84.564-4-50-000	7.5	70	0.58	2.9	.	11	-37	.	670	7900	6.0	2800	54	
GATA079S1	13- 32.597- 84.640-4-50-000	7.4	82	0.72	3.7	3	17	36	31500	1370	19800	18.9	5500	142	
GAT0033S1	13- 32.999- 84.877-4-50-000	7.0	39	0.24	22.1	114	37	400	15200	890	2500	2.9	5600	35	
GAT0034S1	13- 32.999- 84.959-4-50-000	7.0	58	0.40	21.6	101	38	419	38100	2260	4000	7.2	14400	105	
GAT0035S1	13- 32.999- 85.052-4-50-000	6.9	485	1.00	6.1	22	37	102	62300	1290	5600	10.4	22200	206	
GAT0036S1	13- 32.999- 85.094-4-50-000	7.1	70	0.42	8.0	68	94	437	78400	2020	3300	12.2	32500	283	
GAT0039S1	13- 32.983- 85.132-4-50-000	7.1	60	0.44	6.8	8	42	152	24400	2260	4400	8.8	20100	199	
GAT0040S1	13- 32.954- 85.116-4-50-000	7.4	67	0.44	5.4	22	37	130	40900	1430	2800	12.3	8800	84	
GAT0041S1	13- 32.949- 85.097-4-50-000	6.9	41	0.24	10.5	33	29	156	23100	660	2200	5.7	-1000	53	
GAT0042S1	13- 32.963- 85.062-4-50-000	7.3	48	0.30	14.5	75	24	247	17000	640	2100	4.3	6100	41	
GAT0043S1	13- 32.976- 85.020-4-50-000	7.2	60	0.34	13.2	43	29	152	25700	2970	4500	9.4	10000	60	
GAT0044S1	13- 32.973- 84.967-4-50-000	6.5	38	0.16	9.7	33	39	231	13700	230	400	3.8	3400	27	
GAT0045S1	13- 32.968- 84.924-4-50-000	6.5	31	0.12	20.8	58	78	383	39600	1070	.	10.1	-1000	129	
GAT0046S1	13- 32.980- 84.892-4-50-000	7.0	40	0.20	102.8	625	292	3000	33000	1660	600	4.4	30500	63	
GAT0047S1	13- 32.936- 84.884-4-50-000	6.9	40	0.20	26.4	117	103	625	27500	.	.	4.1	3800	47	
GAT0048S1	13- 32.933- 84.887-4-50-000	6.8	33	0.12	22.9	88	97	618	16700	860	700	3.5	6000	19	
GAT0049S1	13- 32.945- 84.925-4-50-000	6.7	30	0.12	15.8	66	53	415	31800	1360	.	6.2	7500	43	
GAT0050S1	13- 32.940- 84.991-4-50-000	6.7	35	0.10	39.0	116	182	732	14000	1070	1100	5.9	10700	34	
GAT0051S1	13- 32.932- 85.013-4-50-000	6.8	40	0.20	9.2	29	28	222	49200	.	-100	6.3	8800	55	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET

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SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM
GAT0052S1	13- 32.930- 85.125-4-50-000	7.3	49	0.32	8.1	32	23	133	46700	1750	3100	8.0	16600	133
GAT0054S1	13- 32.903- 85.129-4-50-000	6.8	43	0.26	7.5	19	10	117	51200	1420	100	14.2	6900	146
GAT0055S1	13- 32.881- 85.150-4-50-000	6.9	58	0.30	8.0	26	25	143	65400	2210	2700	10.9	19900	198
GAT0056S1	13- 32.897- 85.095-4-50-000	6.4	35	0.20	12.5	39	50	255	16800	.	100	4.2	.	-5
GAT0057S1	13- 32.893- 85.059-4-50-000	7.2	41	0.18	49.8	187	193	1329	21100	930	700	6.8	13900	40
GAT0058S1	13- 32.895- 85.033-4-50-000	6.9	35	0.12	62.8	325	212	2180	23000	1970	1300	4.5	23800	65
GAT0059S1	13- 32.901- 84.983-4-50-000	6.4	26	0.10	46.3	199	218	1303	15200	.	.	4.5	8900	45
GAT0060S1	13- 32.899- 84.938-4-50-000	6.7	37	0.18	44.1	177	158	1031	28500	1040	600	11.2	13900	67
GAT0061S1	13- 32.910- 84.898-4-50-000	6.6	39	0.14	22.1	85	103	523	13200	.	.	2.3	4800	-5
GAT0062S1	13- 32.878- 84.908-4-50-000	6.4	41	0.10	.	19	18	139	47900	1310	-200	10.4	7500	67
GAT0063S1	13- 32.892- 84.877-4-50-000	6.5	45	0.16	26.1	121	120	670	31100	.	.	3.5	10700	22
GATY001S1	13- 32.729- 84.296-4-50-000	7.0	60	0.40	1.7	3	11	53	20800	1300	7400	4.3	10000	89
GATY002S1	13- 32.714- 84.303-4-50-000	6.8	43	0.26	2.7	4	11	29	49500	1040	9800	8.3	11300	183
GATY003S1	13- 32.716- 84.251-4-50-000	7.3	72	0.44	2.1	10	9	35	46200	1340	3800	7.9	11800	142
GATY004S1	13- 32.704- 84.231-4-50-000	7.3	73	0.54	4.7	13	35	81	35600	1760	8400	8.8	15700	147
GATY005S1	13- 32.688- 84.222-4-50-000	7.4	63	0.42	5.7	23	50	140	41500	650	5700	4.6	16500	117
GATY006S1	13- 32.679- 84.266-4-50-000	7.2	62	0.42	2.5	9	21	57	7400	.	.	3.0	.	.
GATY007S1	13- 32.678- 84.294-4-50-000	7.1	51	0.34	2.9	13	23	51	14000	920	6600	5.9	4400	43
GATY008S1	13- 32.690- 84.293-4-50-000	6.7	40	0.24	3.6	17	29	50	10700	.	.	6.0	.	.
GATY009S1	13- 32.645- 84.318-4-50-000	6.0	29	0.06	15.7	77	97	354	14100	.	.	5.3	.	.
GATY010S1	13- 32.641- 84.357-4-50-000	6.2	19	0.08	17.4	120	102	500	8700	260	2200	2.9	6400	27
GATY012S1	13- 32.614- 84.349-4-50-000	5.4	13	0.04	42.5	220	241	1169	13700	200	100	9.6	13100	59
GATY013S1	13- 32.618- 84.334-4-50-000	5.3	15	0.04	26.6	128	166	630	5700	.	.	4.6	.	.
GATY014S1	13- 32.617- 84.310-4-50-000	5.5	19	0.02	18.9	79	124	440	9200	110	100	6.4	3900	52
GATY015S1	13- 32.618- 84.284-4-50-000	4.9	17	0.02	19.2	99	111	502	9800	.	.	5.3	.	.
GATY016S1	13- 32.641- 84.262-4-50-000	5.8	21	0.06	15.3	73	99	394	4000	130	300	5.5	7600	28
GATY018S1	13- 32.654- 84.208-4-50-000	7.2	38	0.08	4.0	13	26	67	4300	.	.	3.6	.	.
GATY020S1	13- 32.603- 84.191-4-50-000	5.5	15	0.04	15.8	73	81	285	2900	90	.	4.2	6000	26
GATY021S1	13- 32.621- 84.160-4-50-000	6.2	21	0.06	32.5	161	203	815	4100	150	.	3.7	12300	33
GATY023S1	13- 32.624- 84.145-4-50-000	6.6	40	0.16	4.0	12	22	56	13200	160	200	4.3	5600	49
GATY024S1	13- 32.633- 84.122-4-50-000	6.3	26	0.10	6.7	27	30	104	20500	170	100	7.1	6400	58
GATY025S1	13- 32.623- 84.103-4-50-000	6.4	69	0.44	5.9	17	24	152	52300	280	400	5.4	6100	42
GATY026S1	13- 32.584- 84.131-4-50-000	5.5	40	0.08	5.2	13	29	81	14500	90	.	2.5	4300	22
GATY027S1	13- 32.585- 84.153-4-50-000	5.8	12	0.04	34.7	162	158	618	12500	320	.	11.3	25400	78
GATY028S1	13- 32.574- 84.093-4-50-000	6.3	19	0.06	21.0	114	107	449	5200	.	.	4.3	.	.
GATY032S1	13- 32.516- 84.168-4-50-000	5.9	14	0.04	7.0	23	40	100	5200	80	.	3.9	5400	28
GATY033S1	13- 32.488- 84.157-4-50-000	6.0	23	0.10	1.7	10	18	-20	7200	70	.	1.3	5200	21
GATY034S1	13- 32.470- 84.165-4-50-000	5.8	11	0.04	29.4	156	226	751	5500	260	.	7.0	12600	64
GATY036S1	13- 32.457- 84.223-4-50-000	6.1	15	0.04	1.4	5	8	45	4800	50	.	2.9	4600	18
GATY037S1	13- 32.462- 84.233-4-50-000	5.6	19	0.08	7.7	25	53	128	.	40	.	2.9	4900	18
GATY039S1	13- 32.529- 84.210-4-50-000	5.8	15	0.06	3.6	12	27	-20	.	370	200	1.1	4000	17
GATY040S1	13- 32.520- 84.298-4-50-000	5.7	22	0.14	6.1	17	8	80	34000	120	400	11.7	6000	126
GATY041S1	13- 32.495- 84.295-4-50-000	4.9	15	0.00	78.8	303	659	1338	7000	.	.	14.3	.	.
GATY043S1	13- 32.411- 84.261-4-50-000	5.9	18	0.06	10.7	47	68	232	9600	90	100	3.0	6700	32
GATY045S1	13- 32.395- 84.316-4-50-000	6.2	11	0.04	4.4	16	19	110	23000	110	300	4.9	6200	82
GATY046S1	13- 32.435- 84.351-4-50-000	6.1	22	0.06	2.9	9	14	47	11500	.	.	4.3	.	.
GATY048S1	13- 32.427- 84.382-4-50-000	5.4	12	0.04	3.1	10	28	32	4700	40	.	1.5	3900	15
GATY049S1	13- 32.438- 84.389-4-50-000	5.7	20	0.06	6.3	19	53	69	7200	60	.	2.4	6600	34
GATY050S1	13- 32.469- 84.333-4-50-000	5.8	10	0.04	10.2	38	77	165	6700	50	.	4.0	4900	30
GATY052S1	13- 32.515- 84.389-4-50-000	5.3	11	0.04	171.0	786	1184	3940	12200	230	.	20.7	34500	125
GATY054S1	13- 32.554- 84.377-4-50-000	4.8	16	0.00	20.3	52	204	256	5300	130	.	4.2	13100	37
GATY055S1	13- 32.581- 84.390-4-50-000	5.5	11	0.04	2.9	12	23	-23	.	60	.	2.2	3200	13
GATY057S1	13- 32.503- 84.336-4-50-000	5.0	15	0.04	111.3	457	1023	2152	.	130	.	11.4	18300	57
GATY058S1	13- 32.388- 84.298-4-50-000	5.6	11	0.04	44.0	235	363	1126	5000	120	100	5.5	12400	39
GATY060S1	13- 32.384- 84.272-4-50-000	5.6	12	0.04	8.4	53	68	247	3200	50	.	2.4	4900	14

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 49
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	* *
GATY062S1	13- 32.557- 84.148-4-50-000	5.8	18	0.08	6.7	24	33	95	7000	60	100	4.0	4800	40	
GATY063S1	13- 32.617- 84.162-4-50-000	5.9	19	0.04	20.3	121	105	602	7700	90	.	4.0	7900	20	
GATY067S1	13- 32.545- 84.302-4-50-000	6.3	20	0.04	2.0	10	12	27	5300	60	.	3.8	4500	21	
GATY071S1	13- 32.405- 84.231-4-50-000	6.0	21	0.08	4.9	17	28	73	3800	60	.	2.1	5100	20	
GATY073S1	13- 32.434- 84.393-4-50-000	5.5	12	0.02	16.0	68	118	313	18200	90	.	5.5	7700	34	
GATY074S1	13- 32.517- 84.369-4-50-000	5.5	10	0.04	7.8	29	33	98	10800	60	200	6.4	5800	52	
GAUP001S1	13- 32.984- 84.482-4-50-000	6.4	50	0.20	10.6	33	46	251	34100	450	600	4.6	9600	66	
GAUP002S1	13- 32.975- 84.481-4-50-000	6.9	30	0.14	8.7	26	59	179	13700	180	400	2.0	5200	20	
GAUP003S1	13- 32.987- 84.450-4-50-000	6.2	33	0.18	7.6	8	67	62	13000	180	200	2.7	-1000	27	
GAUP004S1	13- 32.974- 84.393-4-50-000	6.7	20	0.16	4.2	4	35	-20	18600	220	800	1.8	4200	28	
GAUP005S1	13- 32.973- 84.380-4-50-000	6.4	13	0.04	9.9	25	92	118	17600	180	100	3.4	15900	41	
GAUP006S1	13- 32.959- 84.403-4-50-000	6.1	23	0.10	18.3	52	227	191	24400	240	200	2.0	28600	54	
GAUP007S1	13- 32.952- 84.425-4-50-000	5.5	10	0.02	5.0	14	63	66	13500	60	100	2.3	10000	37	
GAUP008S1	13- 32.954- 84.460-4-50-000	6.6	33	0.14	17.6	42	102	362	13900	190	500	2.1	9400	30	
GAUP009S1	13- 32.950- 84.483-4-50-000	6.3	20	0.10	4.2	12	19	96	7800	80	300	2.1	5000	15	
GAUP010S1	13- 32.969- 84.514-4-50-000	6.8	43	0.28	5.1	16	23	87	15800	410	1400	2.6	6200	45	
GAUP011S1	13- 32.943- 84.453-4-50-000	6.4	22	0.10	10.6	32	76	206	12200	.	.	2.6	.	.	
GAUP012S1	13- 32.925- 84.468-4-50-000	6.6	20	0.10	8.2	20	40	162	22400	270	700	4.4	5500	41	
GAUP013S1	13- 32.907- 84.500-4-50-000	6.6	20	0.12	13.4	52	54	-20	.	670	1000	1.5	19900	27	
GAUP014S1	13- 32.907- 84.474-4-50-000	6.5	12	0.04	3.1	5	28	27	29000	500	1200	4.6	11400	58	
GAUP015S1	13- 32.912- 84.456-4-50-000	6.7	30	0.14	3.3	9	11	36	18800	.	.	3.5	.	.	
GAUP016S1	13- 32.886- 84.434-4-50-000	6.5	24	0.12	6.8	29	71	126	33700	560	1600	6.1	6600	34	
GAUP017S1	13- 32.899- 84.437-4-50-000	6.4	20	0.10	20.3	122	81	631	27200	.	.	1.4	.	.	
GAUP018S1	13- 32.879- 84.445-4-50-000	6.6	31	0.18	37.0	216	32	678	21200	.	.	4.3	.	.	
GAUP019S1	13- 32.874- 84.453-4-50-000	6.3	21	0.10	27.9	112	57	-20	.	.	.	5.0	.	.	
GAUP020S1	13- 32.855- 84.466-4-50-000	6.6	25	0.14	26.4	159	51	501	31300	980	2100	3.7	21000	50	
GAUP021S1	13- 32.917- 84.432-4-50-000	6.5	30	0.10	6.4	11	47	75	11900	150	300	2.6	3500	18	
GAUP022S1	13- 32.917- 84.416-4-50-000	6.3	23	0.12	7.9	14	108	65	20700	.	.	3.0	.	.	
GAUP023S1	13- 32.931- 84.408-4-50-000	5.7	15	0.06	7.7	30	68	142	37500	350	500	8.4	20900	109	
GAUP024S1	13- 32.928- 84.374-4-50-000	6.4	27	0.12	16.2	40	189	148	10900	180	700	4.9	9200	29	
GAUP025S1	13- 32.959- 84.368-4-50-000	6.7	28	0.14	19.7	84	48	299	32500	.	.	3.3	.	.	
GAUP026S1	13- 32.796- 84.356-4-50-000	7.1	60	0.40	16.8	123	156	577	31200	740	4600	10.0	20600	99	
GAUP027S1	13- 32.949- 84.346-4-50-000	6.4	25	0.14	18.8	79	150	279	26000	.	.	2.5	.	.	
GAUP028S1	13- 32.974- 84.317-4-50-000	6.2	26	0.12	9.8	34	54	175	18100	.	.	3.6	.	.	
GAUP029S1	13- 32.862- 84.408-4-50-000	6.5	35	0.16	24.0	97	443	392	32200	.	.	5.2	.	.	
GAUP030S1	13- 32.950- 84.309-4-50-000	6.6	23	0.12	21.8	139	211	568	30800	510	800	6.6	15500	40	
GAUP031S1	13- 32.950- 84.299-4-50-000	6.5	33	0.16	13.6	11	57	35	14600	210	400	3.3	11100	51	
GAUP033S1	13- 32.904- 84.374-4-50-000	6.6	30	0.16	14.5	76	232	282	29800	.	.	9.3	.	.	
GAUP034S1	13- 32.897- 84.392-4-50-000	6.2	30	0.12	7.5	10	199	105	28000	220	900	8.9	8400	27	
GAUP035S1	13- 32.873- 84.391-4-50-000	6.4	25	0.12	20.1	53	554	199	40100	.	.	9.5	.	.	
GAUP036S1	13- 32.865- 84.352-4-50-000	7.7	95	0.54	17.4	89	468	364	69400	560	500	15.5	43900	81	
GAUP037S1	13- 32.821- 84.352-4-50-000	7.1	35	0.20	10.9	65	58	367	22500	.	.	3.3	.	.	
GAUP038S1	13- 32.790- 84.361-4-50-000	6.8	76	0.44	2.3	6	7	32	19200	380	12900	6.8	3600	68	
GAUP039S1	13- 32.796- 84.291-4-50-000	7.1	55	0.40	7.8	38	31	241	78700	.	.	8.4	.	.	
GAUP040S1	13- 32.798- 84.287-4-50-000	7.1	68	0.48	7.6	53	59	289	38900	450	5000	7.1	8800	94	
GAUP041S1	13- 32.838- 84.291-4-50-000	7.0	35	0.18	21.3	169	126	734	15700	.	.	2.5	.	.	
GAUP042S1	13- 32.891- 84.282-4-50-000	6.7	28	0.14	11.3	46	286	195	41100	310	500	7.6	27400	71	
GAUP043S1	13- 32.923- 84.304-4-50-000	6.4	35	0.14	11.1	38	201	221	39400	.	.	5.9	.	.	
GAUP044S1	13- 32.907- 84.268-4-50-000	4.4	125	0.00	20.7	90	540	378	62400	650	700	11.3	42500	76	
GAUP045S1	13- 32.933- 84.279-4-50-000	6.3	45	0.20	12.7	30	350	224	29100	.	.	7.6	.	.	
GAUP046S1	13- 32.947- 84.258-4-50-000	6.2	50	0.20	21.9	46	540	208	14300	130	100	7.1	13900	46	
GAUP047S1	13- 32.975- 84.256-4-50-000	6.5	37	0.16	8.8	18	204	139	36000	.	.	9.6	.	.	
GAUP048S1	13- 32.755- 84.231-4-50-000	7.0	50	0.34	4.0	25	29	152	20300	.	.	6.1	.	.	
GAUP049S1	13- 32.981- 84.164-4-50-000	6.6	31	0.14	17.4	91	241	371	16900	.	.	4.7	.	.	
GAUP050S1	13- 32.968- 84.172-4-50-000	6.5	30	0.16	18.6	87	341	346	23200	.	1300	6.6	17900	25	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 50
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
GAUP051S1	13- 32.930- 84.213-4-50-000	6.5	30	0.14	17.0	100	202	487	37200	.	1300	7.4	13200	70	.
GAUP052S1	13- 32.919- 84.243-4-50-000	6.3	32	0.14	6.6	38	100	212	39100	.	.	8.9	.	.	.
GAUP053S1	13- 32.864- 84.275-4-50-000	8.1	385	2.24	8.4	47	213	271	48500	710	1100	8.9	16800	57	.
GAUP054S1	13- 32.867- 84.261-4-50-000	6.7	37	0.24	18.4	37	.	296	112100	950	1100	22.0	48300	106	.
GAUP055S1	13- 32.866- 84.251-4-50-000	6.7	30	0.16	14.1	47	.	286	85900	1020	800	27.3	34000	55	.
GAUP056S1	13- 32.858- 84.223-4-50-000	6.8	38	0.24	17.2	133	141	511	31000	.	.	5.5	.	113	.
GAUP057S1	13- 32.917- 84.188-4-50-000	6.4	28	0.14	8.5	62	123	275	36000	330	600	3.7	9600	38	.
GAUP058S1	13- 32.926- 84.147-4-50-000	6.5	45	0.16	23.8	180	237	797	32200	.	.	5.8	.	81	.
GAUP059S1	13- 32.967- 84.135-4-50-000	6.4	30	0.18	52.1	440	272	1480	51400	600	1000	4.6	40500	122	.
GAUP060S1	13- 32.825- 84.128-4-50-000	6.4	40	0.16	17.0	116	327	607	40800	1700	2100	10.8	39900	110	.
GAUP061S1	13- 32.965- 84.496-4-50-000	6.8	29	0.14	8.1	25	44	172	6100	.	.	2.1	6100	31	.
GAUP062S1	13- 32.882- 84.135-4-50-000	6.6	35	0.16	26.4	268	105	1103	33000	390	1300	6.0	19000	124	.
GAUP063S1	13- 32.879- 84.185-4-50-000	6.7	30	0.14	12.9	127	80	500	16200	.	.	5.0	.	53	.
GAUP064S1	13- 32.863- 84.187-4-50-000	6.7	40	0.26	6.7	42	31	185	50000	1410	1300	9.4	7700	71	.
GAUP065S1	13- 32.820- 84.199-4-50-000	6.7	40	0.22	5.8	48	53	250	30100	.	.	6.3	-1000	46	.
GAUP066S1	13- 32.818- 84.133-4-50-000	6.8	70	0.54	3.4	18	7	89	41000	960	1200	11.8	7500	97	.
GAUP067S1	13- 32.808- 84.154-4-30-000	6.5	185	1.16	5.6	42	42	214	50000	950	.	16.6	-1000	159	.
GAUP068S1	13- 32.766- 84.258-4-50-000	7.0	60	0.36	6.7	12	47	49	18500	430	16300	5.3	7400	50	.
GAUP069S1	13- 32.745- 84.213-4-50-000	7.0	51	0.34	5.2	36	44	158	22300	.	.	3.2	.	26	.
GAUP070S1	13- 32.752- 84.198-4-50-000	6.9	100	0.64	2.1	5	13	-20	28400	770	7500	6.4	5800	57	.
GAUP071S1	13- 32.752- 84.182-4-50-000	7.2	93	0.66	5.1	23	34	108	24600	.	.	5.7	5400	88	.
GAUP072S1	13- 32.858- 84.339-4-50-000	6.7	110	0.44	12.3	48	345	224	68600	460	1200	15.6	32900	64	.
GAWB002S1	13- 32.022- 84.621-4-50-000	6.5	60	0.60	5.8	20	38	123	17500	450	600	7.8	9300	64	.
GAWB003S1	13- 32.058- 84.615-4-50-000	6.4	50	0.60	2.5	9	16	46	18900	220	200	1.7	4400	45	.
GAWB004S1	13- 32.084- 84.614-4-50-000	5.8	10	0.10	18.3	116	170	584	13600	130	.	3.3	8000	23	.
GAWB005S1	13- 32.179- 84.597-4-50-000	7.0	10	0.20	3.0	13	18	51	10900	130	100	1.9	5500	23	.
GAWB006S1	13- 32.166- 84.624-4-50-000	5.7	1	0.08	5.0	29	39	150	6100	40	.	1.3	2900	12	.
GAWB007S1	13- 32.141- 84.578-4-50-000	5.6	1	0.12	.	54	67	266	27100	110	.	6.2	6400	55	.
GAWB008S1	13- 32.155- 84.550-4-50-000	6.9	50	0.32	6.6	35	63	204	16800	140	100	2.4	5400	24	.
GAWB009S1	13- 32.116- 84.544-4-50-000	5.8	20	0.24	3.3	17	20	96	21300	70	.	1.9	4200	36	.
GAWB010S1	13- 32.108- 84.501-4-50-000	6.7	30	0.30	11.0	54	73	236	6800	280	.	2.9	9400	32	.
GAWB011S1	13- 32.010- 84.458-4-50-000	7.0	50	0.70	5.3	36	55	135	12600	70	.	2.3	4800	30	.
GAWB012S1	13- 32.064- 84.433-4-50-000	6.9	50	0.60	4.6	20	51	98	5800	330	100	0.9	5600	14	.
GAWB013S1	13- 32.042- 84.485-4-50-000	7.2	10	0.16	3.2	16	41	-20	12200	140	.	2.2	5400	23	.
GAWB014S1	13- 32.020- 84.538-4-50-000	6.0	1	0.06	1.7	9	8	116	27000	100	.	4.6	2800	50	.
GAWB021S1	13- 32.035- 84.574-4-50-000	7.2	1	0.12	2.6	14	34	57	8300	50	.	1.9	4000	12	.
GAWB022S1	13- 32.091- 84.524-4-50-000	6.3	70	1.00	.	72	103	331	18700	150	.	3.0	7700	32	.
GAWB023S1	13- 32.105- 84.589-4-50-000	5.5	1	0.10	25.7	169	165	841	27700	230	.	5.3	9900	45	.
GAWB024S1	13- 32.206- 84.624-4-50-000	5.3	1	0.06	4.4	26	28	97	7200	90	100	1.9	4700	13	.
ALBR006S1	01- 32.009- 85.300-4-50-000	7.8	40	0.32	5.2	37	31	194	9500	190	200	1.3	6100	16	.
ALBR007S1	01- 32.037- 85.404-4-50-000	7.5	250	2.70	6.6	29	29	132	7200	140	1600	1.5	3600	13	.
ALBR008S1	01- 32.022- 85.390-4-50-000	6.8	80	0.80	9.4	53	43	276	8100	280	1200	1.4	8500	23	.
ALBR009S1	01- 32.060- 85.341-4-50-000	6.9	20	0.12	3.1	16	13	94	6900	120	400	1.4	4300	13	.
ALBR010S1	01- 32.086- 85.328-4-50-000	6.8	30	0.14	3.1	11	14	53	4200	70	400	0.8	2500	9	.
ALBR011S1	01- 32.014- 85.215-4-50-000	7.1	60	0.36	3.2	16	16	60	6400	180	1000	1.7	5100	24	.
ALBR012S1	01- 32.022- 85.191-4-50-000	.	.	.	3.0	12	16	76	6000	50	200	1.2	16400	14	.
ALBR013S1	01- 32.056- 85.214-4-50-000	7.0	65	0.34	13.1	50	49	263	4200	50	700	1.6	3700	17	.
ALBR014S1	01- 32.067- 85.243-4-50-000	7.2	160	1.50	2.6	13	11	60	9100	30	1000	0.5	.	.	.
ALBR015S1	01- 32.089- 85.277-4-50-000	5.8	20	0.16	3.4	11	18	60	4000	20	400	0.7	1900	7	.
ALBR017S1	01- 32.000- 85.126-4-50-000	6.9	30	0.14	2.3	10	13	59	5600	110	400	2.1	3000	12	.
ALBR018S1	01- 32.044- 85.097-4-50-000	6.7	50	0.12	6.2	46	45	224	9900	120	.	2.4	3900	12	.
ALBR019S1	01- 32.014- 85.086-4-50-000	6.6	50	0.26	9.6	50	60	265	4900	170	200	1.3	5800	17	.
ALBR030S1	01- 32.037- 85.277-4-50-000	7.9	50	0.38	11.3	65	55	340	8300	480	800	2.1	9100	14	.
ALBR031S1	01- 32.104- 85.346-4-50-000	7.8	25	0.16	.	.	.	.	.	.	.	.	.	.	.
ALBR032S1	01- 32.143- 85.374-4-50-000	7.5	40	0.24	4.6	19	20	107	.	70	800	1.0	2400	9	.

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 51
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALBR033S1	01- 32.086- 85.422-4-50-000	6.1	35	0.12	4.1	18	19	87	9200	130	400	2.7	4100	17	
ALBR071S1	01- 32.007- 85.408-4-50-000	6.2	55	0.16	15.1	72	80	337	15700	260	300	1.5	9500	21	
ALBU001S1	01- 32.250- 85.951-4-50-000	7.3	290	1.80	5.2	15	18	70	19100	150	1100	3.9	3600	69	
ALBU002S1	01- 32.214- 85.912-4-50-000	7.6	205	1.50	6.1	17	23	80	7900	170	700	4.6	3400	25	
ALBU003S1	01- 32.175- 85.932-4-50-000	7.5	310	2.60	3.9	14	16	108	16100	110	800	5.1	4200	52	
ALBU004S1	01- 32.188- 85.966-4-50-000	7.7	350	3.60	3.5	14	16	124	10600	80	700	1.2	2600	14	
ALBU005S1	01- 32.202- 85.975-4-50-000	8.1	385	1.90	4.9	18	15	70	19000	110	800	5.1	3000	48	
ALBU006S1	01- 32.146- 85.929-4-50-000	7.8	75	0.60	4.9	21	21	121	8300	110	1400	2.4	4100	18	
ALBU007S1	01- 32.133- 85.965-4-50-000	7.2	125	0.24	4.7	20	21	96	8400	90	1200	0.8	3400	20	
ALBU008S1	01- 32.128- 85.894-4-50-000	.	.	.	4.8	18	18	103	12700	140	1400	3.0	3500	33	
ALBU009S1	01- 32.223- 85.889-4-50-000	.	.	.	6.7	27	31	165	10200	100	500	3.6	3500	19	
ALBU010S1	01- 32.185- 85.862-4-50-000	.	.	.	4.9	16	19	103	11900	130	700	2.1	3600	42	
ALBU011S1	01- 32.215- 85.836-4-50-000	.	.	.	4.2	13	17	37	9900	100	300	2.5	3100	29	
ALBU012S1	01- 32.223- 85.782-4-50-000	7.4	300	2.80	5.4	23	24	32	17000	140	700	4.6	3900	50	
ALBU013S1	01- 32.207- 85.748-4-50-000	7.9	360	1.90	4.7	13	19	140	10700	100	800	3.0	3400	35	
ALBU014S1	01- 32.164- 85.767-4-50-000	7.5	195	2.00	5.2	17	25	74	3600	80	800	0.9	3200	15	
ALBU015S1	01- 32.166- 85.823-4-50-000	7.4	180	1.30	3.1	14	14	72	7500	80	1700	2.2	2400	13	
ALBU016S1	01- 32.140- 85.831-4-50-000	7.3	100	0.50	3.3	14	16	74	5200	70	300	0.8	3000	12	
ALBU017S1	01- 32.095- 85.830-4-50-000	7.4	190	2.10	4.5	14	18	101	5300	80	1100	1.4	-1200	41	
ALBU018S1	01- 32.089- 85.789-4-50-000	7.6	255	2.20	1.9	6	7	36	.	50	1400	0.9	-1700	12	
ALBU019S1	01- 32.135- 85.763-4-50-000	8.0	260	1.90	.	.	.	.	.	.	.	.	.	.	
ALBU020S1	01- 32.158- 85.715-4-50-000	7.4	600	3.50	3.9	16	20	62	4700	80	1300	2.3	2900	13	
ALBU021S1	01- 32.174- 85.705-4-50-000	7.2	140	1.00	3.4	21	14	46	10400	100	1700	2.6	2900	20	
ALBU022S1	01- 32.208- 85.680-4-50-000	7.3	95	0.26	4.7	16	19	86	17900	130	900	3.6	3400	33	
ALBU023S1	01- 32.218- 85.645-4-50-000	7.3	80	0.70	2.2	8	11	-20	2300	50	500	0.6	1600	6	
ALBU024S1	01- 32.215- 85.598-4-50-000	7.2	95	1.00	5.3	23	21	116	9000	110	900	2.2	3700	21	
ALBU025S1	01- 32.175- 85.616-4-50-000	7.6	130	1.20	4.9	19	26	150	6500	160	700	1.5	6200	22	
ALBU026S1	01- 32.143- 85.664-4-50-000	7.4	120	1.10	4.3	17	18	76	7700	70	300	3.9	2700	15	
ALBU027S1	01- 32.143- 85.625-4-50-000	6.8	95	0.90	2.6	8	15	35	4000	60	.	0.6	2200	6	
ALBU028S1	01- 32.128- 85.593-4-50-000	7.2	45	0.36	4.7	23	23	141	9300	150	200	3.1	4600	14	
ALBU029S1	01- 32.103- 85.576-4-50-000	7.3	35	0.20	6.3	43	36	233	7400	110	200	1.3	4400	12	
ALBU030S1	01- 32.086- 85.544-4-50-000	6.9	60	0.50	1.8	7	9	31	7500	60	300	0.9	2000	8	
ALBU031S1	01- 32.073- 85.498-4-50-000	7.2	60	0.70	2.1	4	9	-20	-800	80	600	1.0	2100	10	
ALBU032S1	01- 32.053- 85.442-4-50-000	7.6	45	0.38	9.9	55	42	301	8900	180	400	2.8	5800	16	
ALBU033S1	01- 32.114- 85.496-4-50-000	7.5	60	0.60	8.8	50	43	254	5600	740	.	1.2	4600	-7	
ALBU034S1	01- 32.136- 85.502-4-50-000	7.6	40	0.26	3.6	19	16	76	4900	90	300	1.3	3300	9	
ALBU035S1	01- 32.159- 85.455-4-50-000	.	.	.	2.4	7	12	30	5000	.	.	1.9	.	.	
ALBU036S1	01- 32.173- 85.487-4-50-000	6.9	150	1.30	6.6	29	32	136	5300	110	400	1.5	4900	18	
ALBU037S1	01- 32.177- 85.555-4-50-000	.	.	.	3.4	18	14	57	6900	90	700	1.0	3000	15	
ALBU038S1	01- 32.207- 85.531-4-50-000	.	.	.	.	.	.	.	.	.	.	.	.	.	
ALBU039S1	01- 32.213- 85.496-4-50-000	7.7	120	1.50	4.7	18	22	126	-600	50	900	2.1	.	12	
ALBU040S1	01- 32.201- 85.428-4-50-000	8.4	25	0.80	.	.	.	.	.	.	.	.	.	.	
ALBU041S1	01- 32.018- 85.447-4-50-000	8.2	130	1.70	-1.0	30	43	191	6100	250	600	3.2	8700	24	
ALBU042S1	01- 32.022- 85.539-4-50-000	7.8	55	0.40	5.0	21	31	109	4000	150	300	1.4	5100	13	
ALBU043S1	01- 32.016- 85.583-4-50-000	6.8	50	0.20	1.9	6	13	33	.	50	300	0.5	2500	7	
ALBU044S1	01- 32.051- 85.575-4-50-000	7.6	70	0.70	4.1	27	21	123	5400	140	300	1.1	3900	9	
ALBU045S1	01- 32.082- 85.626-4-50-000	7.5	110	1.10	6.2	26	27	158	2800	110	400	1.0	3200	10	
ALBU046S1	01- 32.050- 85.647-4-50-000	8.1	460	4.50	5.5	27	29	102	6100	100	600	1.3	3900	14	
ALBU047S1	01- 32.012- 85.618-4-50-000	8.3	70	0.70	12.6	64	79	336	12600	260	600	2.0	10100	33	
ALBU052S1	01- 32.093- 85.689-4-50-000	6.4	95	0.90	3.9	17	19	122	7600	70	300	0.8	3100	11	
ALBU053S1	01- 32.071- 85.710-4-50-000	6.7	35	0.22	9.7	43	58	271	13800	440	500	2.1	14600	39	
ALBU054S1	01- 32.081- 85.735-4-50-000	6.5	155	1.10	3.8	14	19	86	.	60	700	0.5	2500	8	
ALBU055S1	01- 32.101- 85.721-4-50-000	7.7	350	1.80	3.1	8	15	49	4900	70	700	1.5	2600	11	
ALBU056S1	01- 32.047- 85.757-4-50-000	6.5	180	2.00	3.6	21	19	85	5500	130	400	1.4	4400	14	
ALBU057S1	01- 32.062- 85.800-4-50-000	7.2	110	1.00	9.3	41	44	196	5400	200	1200	2.8	5800	21	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 52
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALBU058S1	01- 32.023- 85.761-4-50-000	7.1	45	0.32	3.1	10	24	74	7000	70	100	1.1	4600	17	
ALBU059S1	01- 32.003- 85.733-4-50-000	5.8	30	0.14	4.9	24	32	127	8700	120	200	0.9	5000	14	
ALBU067S1	01- 32.006- 85.819-4-50-000	6.7	35	0.20	3.7	16	34	70	4300	60	.	1.2	3600	11	
ALBU068S1	01- 32.001- 85.879-4-50-000	6.8	20	0.12	3.2	13	23	69	8800	60	200	1.4	2900	9	
ALBU069S1	01- 32.030- 85.866-4-50-000	6.2	25	0.08	5.1	21	40	111	9600	290	500	2.2	9900	29	
ALBU070S1	01- 32.046- 85.834-4-50-000	5.7	30	0.14	4.0	6	26	53	24000	60	200	4.7	3500	45	
ALBU071S1	01- 32.079- 85.879-4-50-000	6.8	300	2.90	11.4	54	53	261	7300	370	600	1.7	11900	30	
ALBU072S1	01- 32.112- 85.925-4-50-000	7.5	60	0.70	6.2	31	29	124	4500	140	900	2.2	4400	14	
ALBU073S1	01- 32.045- 85.965-4-50-000	6.7	75	0.90	8.2	41	51	240	10700	280	500	2.6	9200	25	
ALCH001S1	01- 32.828- 85.373-4-50-000	6.8	52	0.50	9.7	62	92	315	174300	1090	.	26.4	31900	395	
ALCH002S1	01- 32.843- 85.338-4-50-000	7.0	45	0.38	8.0	109	68	670	187800	1190	.	26.3	26400	350	
ALCH003S1	01- 32.827- 85.272-4-50-000	7.2	62	0.46	4.4	26	66	188	62600	1490	5100	20.2	11000	85	
ALCH004S1	01- 32.946- 85.223-4-50-000	7.0	67	0.52	1.9	20	22	78	47200	490	.	10.1	3700	31	
ALCH005S1	01- 32.754- 85.574-4-50-000	6.8	48	0.32	5.6	14	26	58	65700	210	.	23.3	-1000	74	
ALCH007S1	01- 32.737- 85.518-4-50-000	6.7	48	0.30	4.4	19	57	96	65800	2000	.	23.7	10800	93	
ALCH008S1	01- 32.753- 85.500-4-50-000	6.7	52	0.34	2.4	12	24	46	40400	490	.	19.1	-1000	54	
ALCH009S1	01- 32.767- 85.493-4-50-000	6.8	40	0.24	3.8	22	20	57	60100	710	.	20.2	11700	130	
ALCH010S1	01- 32.763- 85.534-4-50-000	6.6	40	0.28	5.9	27	29	197	50100	700	.	19.1	8100	51	
ALCH011S1	01- 32.768- 85.575-4-50-000	6.6	38	0.26	3.9	16	24	-22	78100	420	4200	25.9	7800	101	
ALCH012S1	01- 32.788- 85.521-4-50-000	6.5	50	0.16	6.0	48	16	527	93800	690	.	18.0	4800	93	
ALCH013S1	01- 32.811- 85.526-4-50-000	6.7	39	0.32	4.6	26	39	88	47300	420	5800	20.2	4500	45	
ALCH014S1	01- 32.817- 85.569-4-50-000	6.7	37	0.24	17.2	173	167	1088	62900	900	.	16.5	9200	51	
ALCH015S1	01- 32.816- 85.545-4-50-000	6.7	43	0.28	8.7	56	68	258	57100	580	8900	17.3	5700	66	
ALCH016S1	01- 32.933- 85.435-4-50-000	6.7	52	0.32	7.3	76	24	319	63400	730	.	27.0	4400	62	
ALCH018S1	01- 32.884- 85.510-4-50-000	6.7	57	0.34	8.0	51	33	244	43100	510	.	12.9	6900	71	
ALCH019S1	01- 32.887- 85.539-4-50-000	6.7	50	0.34	5.0	28	22	196	30200	470	17200	11.9	2300	20	
ALCH020S1	01- 32.885- 85.569-4-50-000	6.6	50	0.34	9.6	39	72	281	44800	570	.	14.1	8700	78	
ALCH021S1	01- 32.908- 85.572-4-50-000	6.5	39	0.22	6.0	37	31	241	40500	190	4400	11.9	4000	53	
ALCH023S1	01- 32.941- 85.507-4-50-000	6.8	47	0.32	9.5	42	44	219	37400	670	.	13.4	8100	39	
ALCH024S1	01- 32.950- 85.542-4-50-000	6.8	49	0.36	22.5	76	347	352	45200	790	.	42.4	5700	43	
ALCH025S1	01- 32.949- 85.575-4-50-000	6.8	58	0.40	3.8	11	22	89	27600	320	.	9.4	-1000	25	
ALCH026S1	01- 32.987- 85.580-4-50-000	6.6	35	0.28	5.2	20	40	92	47900	280	3500	7.9	2900	29	
ALCH027S1	01- 32.985- 85.568-4-50-000	6.8	39	0.26	2.6	9	9	-22	27600	280	6900	13.0	2500	23	
ALCH029S1	01- 32.988- 85.496-4-50-000	6.9	53	0.34	6.8	30	29	162	26500	390	4600	8.6	4900	-5	
ALCH044S1	01- 32.995- 85.464-4-50-000	6.5	43	0.28	9.2	46	32	251	60700	990	16800	9.0	9300	170	
ALCH046S1	01- 32.966- 85.469-4-50-000	6.8	47	0.32	8.6	20	66	190	50300	1460	200	17.2	9100	33	
ALCH047S1	01- 32.970- 85.438-4-50-000	6.5	50	0.32	6.8	23	62	77	26800	60	1900	17.0	-1000	21	
ALCH048S1	01- 32.935- 85.460-4-50-000	6.7	46	0.28	14.7	154	52	589	38700	520	900	16.4	6900	45	
ALCH049S1	01- 32.903- 85.432-4-50-000	7.2	157	0.68	3.2	17	22	84	37400	240	1900	9.8	20900	47	
ALCH050S1	01- 32.879- 85.454-4-50-000	6.8	51	0.38	2.4	9	16	57	41000	1450	4600	13.6	14300	147	
ALCH051S1	01- 32.871- 85.434-4-50-000	6.9	51	0.40	4.4	28	52	154	45200	2150	5100	22.8	22900	51	
ALCH052S1	01- 32.838- 85.472-4-50-000	7.0	66	0.40	4.0	33	30	135	67400	180	800	12.8	4700	12	
ALCH053S1	01- 32.834- 85.410-4-50-000	7.1	50	0.38	5.4	55	32	246	121200	1070	3500	19.2	19900	183	
ALCH054S1	01- 32.802- 85.474-4-50-000	6.7	43	0.32	1.5	23	12	113	39200	760	3800	9.6	15600	26	
ALCH055S1	01- 32.813- 85.406-4-50-000	6.8	53	0.38	2.5	9	10	70	45900	1320	9200	18.4	14900	79	
ALCH057S1	01- 32.783- 85.428-4-50-000	6.9	60	0.34	2.1	18	16	29	41300	1640	6200	18.8	3500	56	
ALCH058S1	01- 32.782- 85.386-4-50-000	6.8	58	0.30	3.4	12	16	161	82000	690	5400	18.6	13400	58	
ALCH059S1	01- 32.760- 85.477-4-50-000	6.6	40	0.30	2.7	21	8	136	55400	1890	8500	13.8	16700	136	
ALCH061S1	01- 32.747- 85.386-4-50-000	6.6	48	0.32	5.4	13	22	140	56400	750	.	16.2	7400	60	
ALCH062S1	01- 32.735- 85.341-4-50-000	6.5	48	0.26	3.1	18	31	85	40500	450	4600	13.6	5700	45	
ALCH063S1	01- 32.740- 85.308-4-50-000	6.7	51	0.24	6.2	31	24	225	62900	540	.	16.7	9900	80	
ALCH064S1	01- 32.762- 85.282-4-50-000	6.6	45	0.26	13.5	54	51	341	34400	430	.	8.6	5600	32	
ALCH065S1	01- 32.785- 85.282-4-50-000	6.6	53	0.28	4.5	38	40	204	133700	800	.	22.8	15300	179	
ALCH066S1	01- 32.790- 85.350-4-50-000	6.6	58	0.32	1.6	7	16	44	28500	120	.	9.7	.	23	
ALCH067S1	01- 32.806- 85.336-4-50-000	6.5	48	0.28	2.3	19	22	105	67800	850	.	15.2	9800	118	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 53
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALCH058S1	01- 32.812- 85.310-4-50-000	6.8	61	0.44	2.2	9	11	86	89500	.	.	16.3	2500	88	.
ALCH069S1	01- 32.879- 85.291-4-50-000	6.9	78	0.52	14.0	153	22	984	39400	240	.	8.3	2700	36	.
ALCH070S1	01- 32.860- 85.363-4-50-000	6.5	42	0.24	7.9	70	106	285	56100	880	.	18.7	15100	124	.
ALCH071S1	01- 32.869- 85.383-4-50-000	6.5	56	0.36	2.7	36	15	131	117400	780	6800	23.1	8600	96	.
ALCH072S1	01- 32.881- 85.343-4-50-000	6.6	59	0.40	13.5	123	156	580	207100	1360	1700	30.8	29300	344	.
ALCH073S1	01- 32.910- 85.366-4-50-000	6.3	58	0.34	5.6	49	48	253	131600	1120	.	18.2	17700	156	.
ALCH074S1	01- 32.922- 85.299-4-50-000	7.0	63	0.40	3.8	31	24	191	85000	1860	.	37.6	8300	74	.
ALCH075S1	01- 32.929- 85.378-4-50-000	6.5	40	0.22	5.2	23	39	178	51800	620	.	20.4	5500	49	.
ALCH076S1	01- 32.955- 85.351-4-50-000	6.6	35	0.20	3.4	16	20	66	73100	690	.	22.6	8000	90	.
ALCH078S1	01- 32.960- 85.314-4-50-000	6.5	41	0.28	5.6	54	40	288	98700	1000	.	18.9	12500	104	.
ALCH080S1	01- 32.978- 85.373-4-50-000	6.4	38	0.26	2.5	5	16	-20	42900	580	7500	18.0	-1000	18	.
ALCH094S1	01- 32.970- 85.268-4-50-000	6.8	50	0.30	4.9	46	50	192	156900	3840	6900	16.4	50700	386	.
ALCH095S1	01- 32.963- 85.234-4-50-000	6.5	42	0.26	2.7	15	24	117	47500	1320	4500	8.9	15100	80	.
ALCH096S1	01- 32.939- 85.285-4-50-000	6.7	51	0.38	3.3	19	18	181	56700	.	12600	14.3	7800	117	.
ALCH097S1	01- 32.895- 85.246-4-50-000	6.6	61	0.36	7.2	64	53	475	91900	800	1500	17.7	13100	189	.
ALCH098S1	01- 32.890- 85.225-4-50-000	7.1	73	0.38	7.0	79	62	490	133100	1680	4400	22.1	28900	439	.
ALCH099S1	01- 32.862- 85.273-4-50-000	6.6	50	0.28	9.3	121	67	535	57200	1680	7200	12.0	17400	134	.
ALCH101S1	01- 32.836- 85.251-4-50-000	6.8	72	0.48	3.9	28	54	216	99100	1440	5100	20.9	22500	300	.
ALCH102S1	01- 32.807- 85.246-4-50-000	7.0	64	0.32	3.1	34	25	126	64800	4220	14900	12.7	17700	162	.
ALEL068S1	01- 32.695- 85.983-4-50-000	7.2	41	0.26	3.8	2	43	-20	.	160	4800	2.2	-1000	12	.
ALEL069S1	01- 32.662- 85.938-4-50-000	7.4	52	0.36	3.6	12	20	31	9700	410	6500	2.9	2700	40	.
ALEL071S1	01- 32.724- 85.978-4-50-000	7.0	32	0.18	3.4	8	24	50	11700	290	2200	4.6	3000	40	.
ALEL072S1	01- 32.671- 85.960-4-50-000	7.4	39	0.28	6.4	8	67	-20	5300	.	.	5.0	.	.	.
ALEL078S1	01- 32.595- 85.999-4-50-000	7.1	53	0.26	7.5	27	30	197	14500	.	.	1.9	.	.	.
ALEL079S1	01- 32.595- 85.984-4-50-000	7.1	41	0.20	7.4	47	30	218	18800	840	5800	6.1	9800	72	.
ALEL080S1	01- 32.589- 85.971-4-50-000	7.0	42	0.16	3.1	13	13	69	.	.	.	2.4	.	.	.
ALEL081S1	01- 32.602- 85.928-4-50-000	6.7	44	0.26	7.4	43	29	227	30200	1740	2700	4.8	21800	98	.
ALEL082S1	01- 32.643- 85.957-4-50-000	7.2	61	0.46	2.3	10	13	37	11300	.	.	1.6	.	.	.
ALEL084S1	01- 32.650- 85.949-4-50-000	7.6	45	0.28	3.5	3	26	26	10700	440	7200	3.1	4200	34	.
ALEL108S1	01- 32.463- 85.976-4-50-000	6.0	18	0.02	11.3	68	44	347	7200	370	200	3.8	10200	29	.
ALEL109S1	01- 32.469- 85.956-4-50-000	6.8	35	0.18	12.9	80	32	393	7500	750	1200	0.8	9200	35	.
ALEL110S1	01- 32.462- 85.899-4-50-000	6.3	50	0.22	8.3	42	38	227	29500	1060	4200	7.1	15500	72	.
ALEL111S1	01- 32.490- 85.927-4-50-000	5.4	42	0.12	4.4	16	23	98	14200	270	1200	3.9	7700	34	.
ALEL112S1	01- 32.504- 85.971-4-50-000	.	.	.	3.7	13	16	65	7300	260	700	2.5	4400	20	.
ALEL113S1	01- 32.574- 85.989-4-50-000	6.8	66	0.36	5.7	22	29	125	18800	320	1000	2.2	7100	29	.
ALEL114S1	01- 32.568- 85.902-4-50-000	7.0	38	0.18	4.6	.	18	.	.	850	3900	3.8	13200	47	.
ALEL115S1	01- 32.569- 85.925-4-50-000	7.1	37	0.10	8.1	44	33	228	15200	780	5700	4.1	15300	56	.
ALEL116S1	01- 32.554- 85.982-4-50-000	6.5	28	0.12	8.4	44	24	204	13900	240	300	1.9	4500	27	.
ALEL117S1	01- 32.556- 85.961-4-50-000	6.9	31	0.12	11.3	80	27	470	14700	440	1900	2.9	6500	23	.
ALEL118S1	01- 32.536- 85.947-4-50-000	7.0	45	0.18	6.3	22	23	124	5700	340	1900	1.9	6600	27	.
ALEL119S1	01- 32.535- 85.905-4-50-000	6.9	36	0.12	7.0	36	28	177	12100	260	300	2.6	6200	26	.
ALEL120S1	01- 32.519- 85.893-4-50-000	7.2	49	0.18	7.7	50	25	223	21500	390	1100	2.5	9800	41	.
ALLE001S1	01- 32.690- 85.671-4-50-000	6.3	39	0.30	9.2	15	45	50	21400	.	.	8.3	.	.	.
ALLE002S1	01- 32.695- 85.646-4-50-000	.	.	.	5.2	12	21	83	40100	1080	2600	8.3	18700	167	.
ALLE003S1	01- 32.701- 85.610-4-50-000	6.4	38	0.26	10.7	47	59	266	86000	.	.	13.4	.	.	.
ALLE004S1	01- 32.692- 85.603-4-50-000	6.5	40	0.32	5.1	5	44	62	53700	3700	7900	10.0	14500	198	.
ALLE005S1	01- 32.666- 85.627-4-50-000	6.6	50	0.40	4.8	8	28	50	31400	.	.	9.7	.	.	.
ALLE006S1	01- 32.656- 85.661-4-50-000	7.0	47	0.36	2.1	6	10	37	33400	.	.	16.2	.	.	.
ALLE007S1	01- 32.661- 85.691-4-50-000	7.1	65	0.40	4.4	7	26	-20	32000	1010	5600	23.3	8300	120	.
ALLE008S1	01- 32.625- 85.687-4-50-000	7.1	51	0.36	1.7	4	7	-26	94300	2060	16800	20.2	25400	336	.
ALLE009S1	01- 32.621- 85.634-4-50-000	6.8	62	0.54	4.7	10	18	94	62600	.	.	14.8	.	.	.
ALLE010S1	01- 32.614- 85.628-4-50-000	7.0	50	0.38	4.3	14	16	46	23900	490	6500	7.1	5400	70	.
ALLE011S1	01- 32.575- 85.593-4-50-000	6.4	34	0.14	5.6	17	26	93	15300	.	.	3.8	.	.	.
ALLE012S1	01- 32.566- 85.598-4-50-000	6.6	41	0.20	5.4	22	25	138	18900	340	1800	3.8	5000	31	.
ALLE013S1	01- 32.688- 85.585-4-50-000	7.0	50	0.36	3.5	12	20	72	81400	4770	3000	18.5	9100	123	.

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 54
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALLE014S1	01- 32.713- 85.542-4-50-000	6.9	72	0.50	5.2	14	39	87	62700	1900	2600	12.4	16700	162	
ALLE015S1	01- 32.714- 85.504-4-50-000	7.0	58	0.40	6.4	24	22	111	46300	1670	8300	12.9	20800	132	
ALLE016S1	01- 32.687- 85.520-4-50-000	6.8	63	0.44	5.1	8	8	33	42800	990	8100	9.3	21400	149	
ALLE017S1	01- 32.680- 85.491-4-50-000	6.6	48	0.18	13.9	40	26	302	15200	150	600	4.7	14200	52	
ALLE018S1	01- 32.626- 85.588-4-50-000	6.9	260	1.28	20.9	63	119	357	26800	640	2900	7.6	8900	49	
ALLE020S1	01- 32.625- 85.517-4-50-000	7.3	89	0.52	8.8	19	42	157	42200	600	2700	3.8	8400	66	
ALLE022S1	01- 32.567- 85.555-4-50-000	6.6	36	0.14	10.9	38	33	270	28500	310	500	3.7	5400	54	
ALLE023S1	01- 32.568- 85.543-4-50-000	6.8	42	0.20	11.9	57	41	361	22200	.	.	3.7	.	.	
ALLE024S1	01- 32.547- 85.555-4-50-000	6.5	40	0.22	7.0	30	27	188	10700	300	1200	3.0	3200	21	
ALLE025S1	01- 32.513- 85.494-4-50-000	6.5	37	0.12	32.6	189	112	980	14700	.	.	3.8	.	.	
ALLE026S1	01- 32.519- 85.516-4-50-000	7.0	150	0.80	12.8	37	67	242	9800	2270	.	2.6	8500	33	
ALLE027S1	01- 32.553- 85.490-4-50-000	7.5	67	0.32	28.3	148	143	678	16400	360	700	5.9	8300	36	
ALLE028S1	01- 32.642- 85.504-4-50-000	7.4	410	2.44	15.3	38	64	355	26800	350	1500	6.0	5800	37	
ALLE029S1	01- 32.716- 85.462-4-50-000	6.2	40	0.22	21.5	.	14	.	.	1020	8600	7.8	27400	126	
ALLE030S1	01- 32.708- 85.404-4-50-000	6.5	52	0.36	7.9	15	34	137	47700	1580	1600	7.8	4600	60	
ALLE031S1	01- 32.683- 85.408-4-50-000	6.4	32	0.22	6.9	11	85	34	15800	180	800	4.3	4200	49	
ALLE032S1	01- 32.659- 85.451-4-50-000	7.6	560	2.68	17.9	68	71	491	24400	450	1500	4.8	7800	45	
ALLE033S1	01- 32.685- 85.451-4-50-000	6.7	35	0.22	11.9	35	39	253	22500	.	.	5.6	.	.	
ALLE034S1	01- 32.596- 85.436-4-50-000	7.3	40	0.22	12.2	51	48	243	20400	480	800	5.5	7400	54	
ALLE035S1	01- 32.564- 85.417-4-50-000	6.8	45	0.24	22.3	72	103	322	21800	.	.	5.9	.	.	
ALLE036S1	01- 32.572- 85.480-4-50-000	7.6	78	0.44	34.0	137	136	749	18900	300	300	6.1	6000	45	
ALLE037S1	01- 32.536- 85.399-4-50-000	6.4	32	0.16	9.1	43	31	221	12400	480	400	3.6	6100	32	
ALLE038S1	01- 32.563- 85.389-4-50-000	7.3	49	0.26	21.2	41	147	295	16200	.	.	1.6	.	.	
ALLE039S1	01- 32.531- 85.456-4-50-000	5.0	19	0.04	19.0	125	60	643	22300	.	.	2.9	.	.	
ALLE040S1	01- 32.494- 85.420-4-50-000	8.4	61	0.38	4.1	17	15	56	15500	210	800	3.1	3400	27	
ALLE041S1	01- 32.452- 85.416-4-50-000	.	.	.	3.5	15	12	124	17100	240	300	4.5	2800	28	
ALLE042S1	01- 32.434- 85.413-4-50-000	5.5	39	0.10	31.1	213	88	1012	10300	560	200	2.0	6600	32	
ALLE043S1	01- 32.715- 85.354-4-50-000	6.7	32	0.20	12.3	31	41	207	22500	600	1000	4.3	7700	59	
ALLE044S1	01- 32.716- 85.303-4-50-000	7.5	75	0.60	6.2	16	24	118	48300	.	6600	12.4	14700	124	
ALLE045S1	01- 32.686- 85.334-4-50-000	7.1	55	0.36	12.5	28	63	216	32900	680	1000	4.2	5500	47	
ALLE046S1	01- 32.676- 85.293-4-50-000	7.4	38	0.18	18.8	72	50	454	25200	260	700	5.9	5600	43	
ALLE047S1	01- 32.652- 85.303-4-50-000	7.4	72	0.36	31.5	102	175	610	25300	890	1200	3.8	19300	41	
ALLE048S1	01- 32.634- 85.294-4-50-000	6.9	39	0.34	16.2	34	110	136	14600	260	700	2.8	5900	12	
ALLE049S1	01- 32.589- 85.286-4-50-000	6.8	82	0.58	5.1	17	47	127	23700	540	800	5.1	3600	39	
ALLE050S1	01- 32.587- 85.316-4-50-000	8.0	147	1.12	16.3	46	157	246	12400	.	.	4.3	.	.	
ALLE051S1	01- 32.600- 85.356-4-50-000	9.0	57	0.18	3.2	11	20	71	25000	260	500	7.1	2400	32	
ALLE052S1	01- 32.572- 85.363-4-50-000	7.0	60	0.28	12.5	40	120	193	21000	.	.	5.7	.	.	
ALLE053S1	01- 32.561- 85.291-4-50-000	7.7	170	1.40	19.5	77	184	349	25000	490	1300	5.4	7500	38	
ALLE054S1	01- 32.553- 85.309-4-50-000	7.3	53	0.32	38.9	159	367	919	55200	1410	1300	6.2	18600	179	
ALLE055S1	01- 32.537- 85.292-4-50-000	6.6	45	0.24	14.4	70	97	347	8600	520	1200	3.8	4100	19	
ALLE056S1	01- 32.518- 85.340-4-50-000	5.3	30	0.14	20.7	126	50	686	23700	.	700	3.9	11500	52	
ALLE059S1	01- 32.494- 85.355-4-50-000	6.2	45	0.18	9.0	54	25	282	41000	630	900	7.8	9100	90	
ALLE060S1	01- 32.456- 85.368-4-50-000	6.5	46	0.18	14.2	95	40	507	7200	1490	500	2.3	11000	28	
ALLE061S1	01- 32.458- 85.351-4-50-000	6.5	80	0.40	3.7	19	13	-20	.	110	.	-0.5	2900	15	
ALLE062S1	01- 32.439- 85.351-4-50-000	6.7	52	0.26	9.4	42	40	287	8100	.	.	2.6	.	.	
ALLE064S1	01- 32.719- 85.269-4-50-000	7.0	28	0.08	17.6	52	93	424	20400	.	.	5.7	.	.	
ALLE065S1	01- 32.710- 85.228-4-50-000	7.0	35	0.14	46.5	152	141	1273	19900	510	700	7.8	8100	54	
ALLE066S1	01- 32.696- 85.266-4-50-000	7.1	54	0.26	39.6	149	161	883	51900	.	.	7.3	.	.	
ALLE067S1	01- 32.686- 85.218-4-50-000	7.3	60	0.28	16.1	68	49	443	15400	490	1100	3.3	7500	36	
ALLE068S1	01- 32.695- 85.190-4-50-000	6.4	107	0.44	54.9	228	63	1092	11600	.	.	4.1	.	.	
ALLE069S1	01- 32.670- 85.212-4-50-000	7.4	40	0.26	5.0	20	18	125	26400	380	700	8.6	4800	78	
ALLE070S1	01- 32.665- 85.222-4-50-000	7.6	40	0.22	23.4	111	144	664	15100	430	1600	5.0	5400	35	
ALLE071S1	01- 32.666- 85.182-4-50-000	7.4	55	0.30	5.5	26	43	102	31300	.	.	6.5	.	.	
ALLE072S1	01- 32.665- 85.248-4-50-000	7.4	42	0.24	20.8	81	98	459	14400	430	1000	4.2	3600	32	
ALLE073S1	01- 32.632- 85.275-4-50-000	.	.	.	2.9	12	21	57	12600	.	.	3.8	.	.	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 55
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALLE074S1	01- 32.612- 85.238-4-50-000	6.7	52	0.34	18.9	55	114	298	23900	680	1100	2.3	13700	36	
ALLE075S1	01- 32.605- 85.216-4-50-000	6.9	62	0.40	12.9	44	62	298	32200	.	.	5.2	.	.	
ALLE076S1	01- 32.601- 85.196-4-50-000	7.3	57	0.32	7.7	26	23	180	34400	490	1000	8.9	4600	69	
ALLE077S1	01- 32.610- 85.185-4-50-000	7.7	97	0.70	4.9	15	23	96	28900	.	.	10.1	.	.	
ALLE078S1	01- 32.554- 85.197-4-50-000	.	.	.	3.3	6	14	21	18100	440	13100	5.5	3800	32	
ALLE079S1	01- 32.545- 85.231-4-50-000	7.5	62	0.42	9.4	38	48	213	19300	.	.	5.5	.	.	
ALLE080S1	01- 32.563- 85.276-4-50-000	7.1	78	0.46	48.2	179	255	1116	24900	570	800	6.3	8600	45	
ALLE081S1	01- 32.514- 85.220-4-50-000	6.3	65	0.40	8.3	42	38	206	10800	.	.	4.6	.	.	
ALLE082S1	01- 32.508- 85.184-4-50-000	6.8	58	0.34	3.5	12	9	56	22400	490	2700	4.1	2700	42	
ALLE083S1	01- 32.489- 85.179-4-50-000	6.9	28	0.12	70.3	519	195	2348	26900	.	.	5.2	.	.	
ALLE084S1	01- 32.486- 85.232-4-50-000	6.4	55	0.18	22.7	156	88	772	8700	.	.	2.7	.	.	
ALLE085S1	01- 32.477- 85.257-4-50-000	6.5	41	0.10	16.1	112	45	511	8000	770	400	2.1	5600	26	
ALLE086S1	01- 32.734- 85.173-4-50-000	7.6	35	0.20	28.7	106	117	662	14300	390	600	5.1	7000	23	
ALLE087S1	01- 32.712- 85.151-4-50-000	7.2	42	0.20	44.8	319	97	1563	22800	.	.	7.0	.	.	
ALLE088S1	01- 32.652- 85.110-4-50-000	7.7	53	0.32	10.1	36	46	246	16300	550	1600	5.5	4700	29	
ALLE089S1	01- 32.652- 85.148-4-50-000	7.3	52	0.26	16.7	60	100	347	31100	.	.	6.8	.	.	
ALLE090S1	01- 32.622- 85.132-4-50-000	7.5	69	0.34	7.3	21	15	131	21700	2100	.	5.7	-1000	-9	
ALLE091S1	01- 32.614- 85.146-4-50-000	7.2	65	0.36	22.4	78	97	464	20300	820	1200	5.4	8100	43	
ALLE092S1	01- 32.597- 85.117-4-50-000	7.9	105	0.60	2.9	4	13	-20	15400	.	.	9.7	.	.	
ALLE093S1	01- 32.581- 85.082-4-50-000	7.4	81	0.38	1.9	3	10	22	8500	.	.	6.0	.	.	
ALLE094S1	01- 32.559- 85.062-4-50-000	7.8	81	0.42	6.7	29	17	147	50900	2020	7300	13.7	25100	162	
ALLE095S1	01- 32.544- 85.125-4-50-000	7.0	58	0.36	3.1	15	8	70	21800	.	.	7.6	.	.	
ALLE096S1	01- 32.546- 85.156-4-50-000	7.0	85	0.62	3.0	4	11	49	30800	820	7200	7.2	4100	69	
ALLE097S1	01- 32.520- 85.163-4-50-000	7.6	61	0.38	8.9	51	55	196	10100	.	.	2.9	.	.	
ALLE100S1	01- 32.514- 85.052-4-50-000	.	.	.	4.5	26	13	140	17200	110	300	8.9	3200	45	
ALLE101S1	01- 32.493- 85.069-4-50-000	6.7	50	0.20	15.4	68	84	-20	.	.	.	5.9	.	.	
ALLE102S1	01- 32.477- 85.111-4-50-000	6.9	32	0.10	7.3	41	29	195	24000	.	.	5.0	.	.	
ALLE103S1	01- 32.479- 85.144-4-50-000	.	.	.	4.8	17	18	96	29400	.	.	6.8	.	.	
ALLE104S1	01- 32.575- 85.640-4-50-000	6.6	39	0.26	19.0	62	196	314	30700	.	10200	5.9	-1000	58	
ALMA001S1	01- 32.477- 85.803-4-50-000	7.4	40	0.70	27.9	220	67	1066	8100	410	800	2.6	7100	25	
ALMA002S1	01- 32.483- 85.754-4-50-000	7.9	20	0.12	11.9	87	36	468	9500	350	700	2.1	6100	23	
ALMA003S1	01- 32.506- 85.753-4-50-000	7.5	45	0.32	12.2	87	39	442	11600	330	1200	0.9	5500	19	
ALMA004S1	01- 32.534- 85.780-4-50-000	7.5	35	0.16	6.4	38	20	219	18300	350	400	3.5	5700	35	
ALMA005S1	01- 32.557- 85.734-4-50-000	7.4	50	0.24	5.8	39	28	197	15400	270	1800	2.5	4200	22	
ALMA006S1	01- 32.556- 85.710-4-50-000	7.5	45	0.36	16.9	95	78	472	16600	290	2100	4.7	5500	24	
ALMA007S1	01- 32.524- 85.731-4-50-000	7.6	40	0.28	7.0	46	36	243	19000	380	3100	4.1	5700	31	
ALMA008S1	01- 32.490- 85.693-4-50-000	7.5	30	0.16	6.2	26	22	150	11000	310	900	2.7	4900	38	
ALMA009S1	01- 32.463- 85.689-4-50-000	7.3	225	1.40	11.5	97	32	408	10300	280	500	3.8	6400	28	
ALMA010S1	01- 32.481- 85.642-4-50-000	7.2	30	0.16	6.2	.	17	.	.	320	600	.	5100	42	
ALMA011S1	01- 32.549- 85.625-4-50-000	7.5	30	0.28	5.9	22	21	142	45100	530	1400	11.5	5700	44	
ALMA012S1	01- 32.566- 85.663-4-50-000	7.2	75	0.80	6.2	23	54	76	6700	130	3100	1.7	3100	12	
ALMA013S1	01- 32.524- 85.650-4-50-000	7.2	25	0.12	23.8	179	66	852	21700	680	500	3.4	15400	71	
ALMA014S1	01- 32.523- 85.594-4-50-000	7.4	50	0.26	17.3	97	65	546	35200	670	3100	3.7	9200	51	
ALMA015S1	01- 32.504- 85.574-4-50-000	7.5	20	0.14	21.8	167	57	919	12400	400	700	2.7	6500	24	
ALMA016S1	01- 32.483- 85.609-4-50-000	6.4	80	0.80	5.6	24	23	140	14100	260	700	2.6	4600	25	
ALMA017S1	01- 32.447- 85.662-4-50-000	7.0	190	1.10	5.4	35	22	186	12600	140	500	1.8	3700	20	
ALMA018S1	01- 32.412- 85.587-4-50-000	7.2	25	0.14	11.3	78	36	393	19700	300	400	2.5	7400	41	
ALMA019S1	01- 32.423- 85.513-4-50-000	7.1	30	0.22	8.4	48	28	232	12500	360	700	2.5	9700	36	
ALMA020S1	01- 32.419- 85.558-4-50-000	.	.	.	3.3	22	16	85	12500	160	200	3.5	3200	17	
ALMA021S1	01- 32.386- 85.538-4-50-000	.	.	.	3.3	15	12	54	7300	160	500	3.4	3100	31	
ALMA022S1	01- 32.413- 85.631-4-50-000	7.3	30	0.22	2.9	26	22	141	11600	210	200	2.5	4100	20	
ALMA023S1	01- 32.369- 85.601-4-50-000	6.4	50	0.16	3.1	14	13	50	9800	140	1200	1.5	3200	29	
ALMA024S1	01- 32.347- 85.588-4-50-000	6.8	60	0.40	4.1	13	22	66	3500	100	3000	1.0	3000	13	
ALMA025S1	01- 32.285- 85.535-4-50-000	6.2	70	0.80	6.3	26	22	134	24300	130	700	4.5	4800	52	
ALMA026S1	01- 32.247- 85.517-4-50-000	7.0	80	0.80	6.4	27	32	121	5300	250	500	1.7	9100	32	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 56
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALMA027S1	01- 32.240- 85.559-4-50-000	7.1	110	1.00	6.4	26	28	115	9900	100	700	3.1	3500	26	
ALMA028S1	01- 32.239- 85.592-4-50-000	7.3	115	1.20	3.1	18	17	124	6800	110	1100	1.5	3800	23	
ALMA029S1	01- 32.268- 85.582-4-50-000	7.6	60	0.70	3.9	14	21	104	15000	230	700	1.0	5800	17	
ALMA030S1	01- 32.239- 85.449-4-50-000	7.5	40	0.32	7.8	41	36	224	7000	200	700	1.5	8100	25	
ALMA031S1	01- 32.280- 85.461-4-50-000	7.4	55	1.00	3.2	15	16	75	6200	90	800	1.2	3000	10	
ALMA032S1	01- 32.290- 85.500-4-50-000	7.6	40	0.32	8.3	47	41	270	14300	250	700	2.0	8600	23	
ALMA033S1	01- 32.348- 85.502-4-50-000	7.2	120	1.70	3.2	20	18	91	.	120	1700	1.3	3800	13	
ALMA034S1	01- 32.382- 85.485-4-50-000	7.3	60	0.36	5.0	33	21	172	10400	100	900	0.9	3200	16	
ALMA035S1	01- 32.436- 85.464-4-50-000	6.8	30	0.16	6.0	27	25	125	6800	240	900	1.3	6300	21	
ALMA036S1	01- 32.489- 85.447-4-50-000	6.7	15	0.12	41.1	278	86	1465	17300	440	500	3.0	7800	26	
ALMA037S1	01- 32.448- 85.510-4-50-000	6.3	20	0.14	34.3	235	89	1125	6700	490	400	2.4	11600	41	
ALMA038S1	01- 32.470- 85.542-4-50-000	7.4	20	0.12	4.6	36	18	140	15600	310	800	2.9	5500	52	
ALMA039S1	01- 32.390- 85.661-4-50-000	6.6	40	0.24	-1.0	24	22	122	9200	180	300	1.5	3900	16	
ALMA040S1	01- 32.342- 85.643-4-50-000	5.9	40	0.08	2.8	8	15	52	3600	50	500	1.1	1900	7	
ALMA041S1	01- 32.301- 85.644-4-50-000	6.6	120	1.20	4.0	23	20	101	6100	120	1500	0.9	3600	11	
ALMA042S1	01- 32.279- 85.624-4-50-000	7.2	135	1.10	12.7	83	86	405	9000	520	500	2.4	18200	51	
ALMA043S1	01- 32.234- 85.653-4-50-000	7.0	180	1.30	5.7	24	25	125	12400	90	500	3.2	3200	28	
ALMA044S1	01- 32.248- 85.709-4-50-000	7.1	180	1.40	4.4	19	20	47	11000	100	500	2.6	3200	22	
ALMA045S1	01- 32.287- 85.730-4-50-000	6.8	200	1.90	2.6	15	12	58	7600	90	1000	0.9	2900	11	
ALMA046S1	01- 32.303- 85.682-4-50-000	7.4	210	2.10	2.9	7	12	38	5800	80	1000	1.5	2400	12	
ALMA047S1	01- 32.337- 85.692-4-50-000	6.9	50	0.16	2.5	14	15	50	6200	80	500	0.6	3500	12	
ALMA048S1	01- 32.380- 85.712-4-50-000	6.5	70	0.50	4.2	20	20	116	10600	160	400	1.5	3200	14	
ALMA049S1	01- 32.341- 85.743-4-50-000	7.1	135	0.50	2.9	11	16	69	.	100	1400	2.0	3100	19	
ALMA050S1	01- 32.386- 85.738-4-50-000	6.6	90	1.30	3.2	13	15	64	11500	90	300	1.3	2500	15	
ALMA051S1	01- 32.408- 85.734-4-50-000	7.4	345	2.40	6.6	34	27	145	16600	240	600	2.5	5700	27	
ALMA052S1	01- 32.420- 85.805-4-50-000	7.1	25	0.14	2.3	10	10	59	-500	170	300	1.9	4600	22	
ALMA053S1	01- 32.415- 85.840-4-50-000	.	.	.	3.1	11	21	36	4000	50	.	0.6	2200	6	
ALMA054S1	01- 32.419- 85.866-4-50-000	6.8	30	0.14	5.3	20	30	104	8500	120	400	2.4	4600	16	
ALMA055S1	01- 32.446- 85.869-4-50-000	6.7	30	0.18	2.3	10	8	80	4500	80	500	0.6	2100	8	
ALMA056S1	01- 32.471- 85.845-4-50-000	.	.	.	26.9	210	62	1091	23300	580	600	4.4	11000	48	
ALMA057S1	01- 32.381- 85.792-4-50-000	.	.	.	1.7	4	9	-20	13200	160	300	0.6	2500	12	
ALMA058S1	01- 32.329- 85.812-4-50-000	6.2	40	0.20	3.1	12	12	58	10200	100	2100	1.9	3000	22	
ALMA059S1	01- 32.300- 85.793-4-50-000	.	.	.	2.9	10	11	55	4300	120	2400	1.7	2200	11	
ALMA060S1	01- 32.341- 85.847-4-50-000	6.2	85	0.70	2.9	16	16	34	.	90	900	1.6	2400	12	
ALMA061S1	01- 32.369- 85.848-4-50-000	.	.	.	2.9	7	12	30	22500	120	200	1.8	2800	27	
ALMA062S1	01- 32.397- 85.874-4-50-000	.	.	.	5.5	28	28	178	3000	140	300	1.1	3900	12	
ALMA063S1	01- 32.369- 85.894-4-50-000	5.7	30	0.18	2.9	14	16	47	18000	130	200	3.6	3300	35	
ALMA064S1	01- 32.403- 85.943-4-50-000	6.4	45	0.22	8.3	48	38	251	12400	310	200	1.3	8800	27	
ALMA065S1	01- 32.410- 85.993-4-50-000	.	.	.	3.3	12	14	35	17000	260	2700	5.9	4800	44	
ALMA066S1	01- 32.366- 85.963-4-50-000	.	.	.	2.7	11	18	51	6700	130	100	0.9	2900	15	
ALMA067S1	01- 32.341- 85.971-4-50-000	6.1	50	0.28	5.0	23	25	126	4800	70	400	1.5	2700	10	
ALMA068S1	01- 32.332- 85.904-4-50-000	6.5	115	0.28	4.4	19	23	74	9600	120	2300	2.2	3600	15	
ALMA069S1	01- 32.279- 85.910-4-50-000	.	.	.	7.1	30	27	158	18300	160	700	3.2	4200	45	
ALMA070S1	01- 32.305- 85.883-4-50-000	6.3	110	1.20	2.9	11	14	43	3500	70	1400	1.1	2100	8	
ALMA071S1	01- 32.289- 85.842-4-50-000	7.2	185	1.20	3.1	14	10	88	12500	90	1000	1.2	2900	18	
ALMA072S1	01- 32.265- 85.859-4-50-000	.	.	.	4.8	23	17	115	15600	140	600	2.7	4000	33	
ALMA073S1	01- 32.240- 85.795-4-50-000	7.5	420	3.30	4.7	14	14	103	34100	170	800	8.1	5500	141	
ALMA074S1	01- 32.252- 85.739-4-50-000	7.0	100	0.80	3.3	16	17	70	5000	50	200	0.8	2300	10	
ALMT019S1	01- 32.042- 85.999-4-50-000	6.9	20	0.18	10.3	53	49	271	6900	150	300	1.8	5400	22	
ALMT084S1	01- 32.299- 85.977-4-50-000	8.1	460	4.20	4.7	16	14	107	25600	150	900	5.8	3600	60	
ALPK065S1	01- 32.031- 85.949-4-50-000	6.6	45	0.40	10.3	52	53	288	11800	180	300	1.9	7500	22	
ALPK066S1	01- 32.001- 85.969-4-50-000	6.8	60	0.24	5.7	29	33	144	5000	150	600	1.1	3900	12	
ALRU001S1	01- 32.424- 84.996-4-50-000	.	.	.	5.9	.	26	.	.	180	500	.	4200	28	
ALRU002S1	01- 32.398- 85.005-4-50-000	7.1	60	0.70	4.4	22	22	87	20900	240	1300	4.2	5300	33	
ALRU003S1	01- 32.493- 85.033-4-50-000	7.5	70	0.60	20.6	107	102	447	31800	1200	2100	7.1	17600	77	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 58
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	PF	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALRU059S1	01- 32.198- 85.066-4-50-000	6.2	10	0.20	6.4		36	184	7500	90	300	3.9	4100	17	
ALRU060S1	01- 32.157- 85.077-4-50-000	6.6	5	0.18	15.5	16	82	343	7300	160	400	2.4	7500	20	
ALRU061S1	01- 32.168- 85.113-4-50-000	6.8	60	0.60	5.5	22	31	102	7300	100	700	1.5	3900	18	
ALRU062S1	01- 32.193- 85.135-4-50-000	5.3	10	0.14	10.6	43	45	221	9000	100	400	1.4	4100	19	
ALRU063S1	01- 32.188- 85.158-4-50-000	6.5	60	0.60	16.2	99	76	484	7800	160	500	2.1	6300	27	
ALRU064S1	01- 32.188- 85.235-4-50-000	4.9	80	0.10	3.1	14	15	60	11700	70	400	2.0	2500	29	
ALRU065S1	01- 32.193- 85.273-4-50-000	5.8	60	0.40	4.6	22	18	91	4500	80	600	1.7	2500	14	
ALRU066S1	01- 32.153- 85.258-4-50-000	6.1	40	0.30	2.8	17	15	76	8400	60	400	0.9	2900	12	
ALRU067S1	01- 32.134- 85.224-4-50-000	6.2	60	0.40	14.0	93	63	490	14300	240	800	1.5	7400	26	
ALRU068S1	01- 32.075- 85.154-4-50-000	6.0	10	0.08	4.2	18	21	100	8900	120	300	0.8	4300	16	
ALRU069S1	01- 32.071- 85.118-4-50-000	6.4	10	0.08	-1.0	3	8	-26		30		1.0	1300	6	
ALRU070S1	01- 32.083- 85.080-4-50-000	6.2	30	0.10	7.1	45	49	249	9300	250	700	1.7	6600	25	
ALRU071S1	01- 32.099- 85.121-4-50-000	6.0	1	0.06	2.9	20	21	100	6400	70	200	1.4	3200	11	
ALRU072S1	01- 32.110- 85.080-4-50-000	5.9	10	0.06	5.2	24	34	130	6400	90	200	1.5	5500	17	
ALRU073S1	01- 32.215- 85.011-4-50-000	6.9	80	0.60	5.3	26	24	124	11900	130	500	1.5	3800	26	
ALRU074S1	01- 32.242- 84.965-4-50-000	5.3	5	0.10	3.5	14	25	77	3900	150		1.5	4200	10	
ALRU075S1	01- 32.290- 84.967-4-50-000	5.2	5	0.04	5.6	31	26	164	16200	280	600	4.2	3800	25	
ALRU076S1	01- 32.334- 85.130-4-50-000	5.6	5	0.10	2.9	16	23	59	12800	60		1.9	2800	12	
ALRU077S1	01- 32.174- 85.171-4-50-000	6.5	80	0.80	7.3	38	30	190	9100	130	800	1.9	3800	17	
ALRU078S1	01- 32.132- 85.151-4-50-000				3.7	12	30	63	17500	90	100	3.1	5200	46	
ALRU079S1	01- 32.225- 84.989-4-50-000	6.5	20	0.16	5.8	29	32	151	5500	160	200	1.9	4800	17	
ALTP001S1	01- 32.736- 85.638-4-50-000	6.6	43	0.30	5.5	50	18	236	61000	2000	6000	13.8	1900	42	
ALTP002S1	01- 32.759- 85.624-4-50-000	6.7	47	0.30	6.7	47	14	269	107700	500	5900	16.8	11500	36	
ALTP003S1	01- 32.735- 85.662-4-50-000	6.7	45	0.32	2.6	9	12	-30	128700	740	5200	23.8	16000	49	
ALTP005S1	01- 32.799- 85.641-4-50-000	6.3	49	0.22	21.7	164	52	957	40900	180	3800	14.4	10500	34	
ALTP006S1	01- 32.801- 85.610-4-50-000	6.0	17	0.10	9.5	48	58	170	32800	-20	2400	15.4	6500	15	
ALTP007S1	01- 32.798- 85.690-4-50-000	6.6	29	0.16	8.3	62	30	369	35200	1690	9900	8.8	45200	281	
ALTP008S1	01- 32.828- 85.651-4-50-000	6.4	35	0.24	7.8	62	34	285	49300	1210	9800	9.6	15900	171	
ALTP009S1	01- 32.836- 85.625-4-50-000	6.3	22	0.16	5.4	34	32	198	40900	2080	7700	12.6	35200	350	
ALTP010S1	01- 32.855- 85.621-4-50-000	6.4	42	0.32	4.7	27	32	165	47700	2630	13100	14.6	62100	566	
ALTP011S1	01- 32.833- 85.689-4-50-000	6.8	45	0.30	8.0	58	70	391	53300	330	-100	12.4	10600	48	
ALTP012S1	01- 32.833- 85.709-4-50-000	6.4	25	0.24	4.0	22	24	197	48200	80	3100	9.2		30	
ALTP013S1	01- 32.871- 85.705-4-50-000	6.6	27	0.22	9.6	54	36	437	38400	700	9600	8.4	13000	42	
ALTP014S1	01- 32.883- 85.681-4-50-000	6.3	45	0.42	4.7	26	54	89	129700	650	1000	17.0	11100	17	
ALTP015S1	01- 32.866- 85.670-4-50-000	6.9	50	0.50	16.6	72	270	427	177000	2320	5600	17.8	13200	47	
ALTP016S1	01- 32.873- 85.657-4-50-000	6.7	48	0.38	5.9	27	46	189	92600	2910	600	19.0	11600	92	
ALTP018S1	01- 32.899- 85.622-4-50-000	7.1	61	0.52	18.8	51	280	228	87500	800	2300	21.8	13100	64	
ALTP019S1	01- 32.936- 85.607-4-50-000	7.1	55	0.44	3.3	21	20	104	50300	720	5200	21.0	30500	87	
ALTP020S1	01- 32.931- 85.667-4-50-000	7.1	42	0.32	5.7	35	20	398	31400	120	1500	12.2		30	
ALTP021S1	01- 32.937- 85.692-4-50-000	7.1	43	0.36	2.1	18	10	190	20700	390	4700	10.8	3000	47	
ALTP022S1	01- 32.952- 85.684-4-50-000	7.3	49	0.42	1.1	6	6	37	28000	4210	5100	14.8	30500	140	
ALTP023S1	01- 32.971- 85.598-4-50-000	6.1	48	0.42	6.4	23	52	148	77100		4000	18.4		129	
ALTP025S1	01- 32.976- 85.658-4-50-000	7.0	37	0.40	1.4	8	10	-20	23700	270	2000	6.2	1200	58	
ALTP026S1	01- 32.980- 85.681-4-50-000	6.2	20	0.14	3.3	9	74	60	41600	1070	2200	8.4	4400	36	
ALTP044S1	01- 32.994- 85.749-4-50-000	6.3	28	0.24	7.3	33	110	163	55900	130	2100	6.8	11500	27	
ALTP046S1	01- 32.967- 85.799-4-50-000	6.3	22	0.20	6.4	14	58	102	25200	180	400	10.4	22300		
ALTP047S1	01- 32.934- 85.812-4-50-000	6.7	32	0.20	5.1	19	40	127	25600	720	2500	6.0	35900	9	
ALTP049S1	01- 32.946- 85.769-4-50-000	6.3	27	0.24	3.3	11	34	-20	23400	300	900	5.0	34700	20	
ALTP050S1	01- 32.952- 85.716-4-50-000	6.9	47	0.42	1.3	-2	12	48	15700	330	-100	9.6	28200	16	
ALTP051S1	01- 32.939- 85.730-4-50-000	6.9	53	0.46	1.6	4	10	66	19700	170	2400	11.8	1500	16	
ALTP052S1	01- 32.928- 85.766-4-50-000	7.1	50	0.40	1.5	11	14	42	22200	510	5700	9.4	7800	49	
ALTP053S1	01- 32.927- 85.829-4-50-000	7.1	28	0.24	6.7	17	56	79	29300	100	2100	8.0	9200	20	
ALTP054S1	01- 32.896- 85.859-4-50-000	6.9	37	0.36	11.6	59	98	337	35000		1400	5.6	4000	26	
ALTP055S1	01- 32.896- 85.833-4-50-000	6.6	32	0.18	4.5	8	54	-22	14400	50	900	11.8	4300	9	
ALTP056S1	01- 32.884- 85.802-4-50-000	6.5	67	0.50	2.7	18	30	79	31100	50	2000	14.2	5500	8	

TABLE B-1 TABULATION OF KEY FIELD MEASUREMENTS AND ANALYTICAL DATA - SEDIMENTS-- PHENIX CITY SHEET 59
11:16 MONDAY, JUNE 15, 1981

SRL I.D. *****	DOE I.D.	PH	COND. UM/CM	AKMXD MEQ/L	U PPM	TH PPM	HF PPM	CE PPM	FE PPM	MN PPM	NA PPM	SC PPM	TI PPM	V PPM	*
ALTP057S1	01- 32.883- 85.744-4-50-000	6.9	42	0.42	7.5	37	14	378	38400	320	2300	10.4	3300	42	
ALTP058S1	01- 32.883- 85.735-4-50-000	6.6	27	0.24	14.9	123	26	1066	39700	420	2700	9.8	1700	36	
ALTP059S1	01- 32.846- 85.783-4-50-000	7.1	40	0.32	4.8	25	20	168	35300	450	500	11.6	4600	40	
ALTP060S1	01- 32.860- 85.819-4-50-000	7.1	58	0.40	2.3	15	18	75	55000	340	5900	15.2	9800	31	
ALTP061S1	01- 32.933- 85.811-4-50-000	6.7	77	0.60	2.3	13	6	-21	58600	340	3800	23.0	13200	42	
ALTP062S1	01- 32.819- 85.787-4-50-000	7.2	38	0.32	5.8	46	22	320	29100	180	5700	8.6	1500	9	
ALTP063S1	01- 32.796- 85.788-4-50-000	6.7	99	0.22	26.5	151	44	981	37400	50	2000	10.6	6400	15	
ALTP064S1	01- 32.801- 85.775-4-50-000	6.7	16	0.14	11.0	106	72	770	51400	40	2500	8.8	11800	23	
ALTP065S1	01- 32.786- 85.722-4-50-000	6.8	38	0.38	14.5	113	54	715	51100	1180	3200	11.6	8100	58	
ALTP067S1	01- 32.769- 85.773-4-50-000	.	.	.	10.0	63	30	674	65800	770	3200	14.0	2900	37	
ALTP068S1	01- 32.748- 85.724-4-50-000	7.1	30	0.22	3.4	5	24	-22	64700	560	3700	24.6	12200	55	
ALTP069S1	01- 32.730- 85.786-4-50-000	6.6	80	0.58	-1.0	.	4	45	48900	1530	5100	19.2	4800	170	
ALTP070S1	01- 32.723- 85.743-4-50-000	6.9	39	0.24	6.1	46	18	272	39500	1270	2400	11.4	3000	40	
ALTP071S1	01- 32.723- 85.728-4-50-000	6.7	51	0.36	7.1	60	26	304	42900	1190	2100	36.2	4400	40	
ALTP072S1	01- 32.689- 85.713-4-50-000	6.4	46	0.30	3.8	17	9	129	46700	1090	7300	12.3	10300	34	
ALTP073S1	01- 32.687- 85.744-4-50-000	6.8	40	0.38	6.2	36	15	198	171600	.	5600	15.4	.	.	
ALTP074S1	01- 32.681- 85.760-4-50-000	6.7	41	0.30	2.0	9	11	-39	136300	1710	15000	18.5	28900	387	
ALTP075S1	01- 32.687- 85.783-4-50-000	6.9	41	0.30	4.1	7	24	92	76400	3630	6500	22.6	55000	261	
ALTP077S1	01- 32.616- 85.721-4-50-000	7.4	75	0.90	3.4	14	20	125	59600	1240	300	.	.	86	
ALTP078S1	01- 32.621- 85.734-4-50-000	7.0	65	0.54	3.8	7	18	66	50300	350	-100	27.5	3900	43	
ALTP079S1	01- 32.607- 85.758-4-50-000	7.3	43	0.38	21.7	255	116	1281	52200	500	800	17.3	22900	40	
ALTP080S1	01- 32.632- 85.746-4-50-000	7.2	49	0.34	2.7	10	7	-22	31900	1020	16100	19.5	2700	94	
ALTP081S1	01- 32.632- 85.778-4-50-000	7.3	53	0.40	1.7	11	4	.	38700	910	16100	11.9	9100	110	
ALTP082S1	01- 32.634- 85.795-4-50-000	6.9	49	0.42	4.5	7	18	84	102000	2820	12600	23.7	60100	349	
ALTP083S1	01- 32.635- 85.826-4-50-000	7.5	53	0.52	6.1	23	26	320	202100	4380	12400	58.2	.	.	
ALTP084S1	01- 32.595- 85.797-4-50-000	6.1	48	0.22	3.2	16	27	109	16800	140	1600	2.9	6400	19	
ALTP085S1	01- 32.600- 85.841-4-50-000	7.0	51	0.34	2.2	15	9	59	65200	2940	9300	10.5	35900	184	
ALTP087S1	01- 32.566- 85.842-4-50-000	6.9	37	0.22	3.9	31	22	170	27800	1350	9100	10.8	19100	63	
ALTP089S1	01- 32.525- 85.851-4-50-000	6.2	34	0.14	5.6	33	20	179	16400	640	2600	6.6	5200	47	
ALTP091S1	01- 32.534- 85.822-4-50-000	6.5	59	0.32	3.5	27	18	185	23800	210	.	2.9	7000	13	
ALTP092S1	01- 32.507- 85.818-4-50-000	6.1	35	0.24	19.4	184	79	876	24300	930	2000	5.0	19400	67	
ALTP093S1	01- 32.654- 85.881-4-50-000	7.4	60	0.48	-1.0	8	5	-24	53800	1150	16300	15.1	13600	110	
ALTP094S1	01- 32.652- 85.832-4-50-000	7.3	55	0.42	2.0	.	13	-22	49100	1310	5800	23.9	17800	111	
ALTP095S1	01- 32.662- 85.814-4-50-000	7.0	51	0.44	1.0	16	7	-39	116600	1650	.	23.5	23700	261	
ALTP096S1	01- 32.674- 85.850-4-50-000	7.1	65	0.48	1.6	.	13	72	49900	1330	3700	18.2	16800	127	
ALTP097S1	01- 32.689- 85.861-4-50-000	7.0	48	0.36	2.1	19	11	61	74900	1250	4700	13.0	11200	125	
ALTP098S1	01- 32.695- 85.827-4-50-000	7.3	65	0.54	.	.	.	.	.	.	.	.	.	.	
ALTP099S1	01- 32.771- 85.855-4-50-000	6.8	13	0.14	.	.	.	.	.	.	.	.	.	.	
ALTP100S1	01- 32.790- 85.952-4-50-000	6.9	40	0.38	.	.	.	.	.	.	.	.	.	.	
ALTP101S1	01- 32.802- 85.920-4-50-000	6.5	33	0.24	5.8	15	53	75	14000	110	2700	6.8	1500	8	
ALTP102S1	01- 32.814- 85.984-4-50-000	6.3	30	0.16	9.9	27	112	168	21000	530	5300	5.5	12500	26	
ALTP105S1	01- 32.873- 85.966-4-50-000	7.3	30	0.20	3.9	.	57	-20	34300	370	1100	11.0	21500	38	
ALTP108S1	01- 32.903- 85.995-4-50-000	6.8	42	0.34	14.7	143	110	960	18100	310	2700	18.4	5200	18	
ALTP109S1	01- 32.936- 85.997-4-50-000	6.7	38	0.24	5.1	32	20	106	23200	450	2200	12.9	2000	23	
ALTP110S1	01- 32.943- 85.908-4-50-000	6.9	32	0.24	4.1	31	31	93	27600	250	300	9.4	10600	26	
ALTP111S1	01- 32.921- 85.898-4-50-000	7.4	51	0.32	3.8	23	35	104	37500	20	700	17.1	18100	21	
ALTP112S1	01- 32.827- 85.947-4-50-000	6.6	32	0.22	6.4	27	51	141	24700	420	3500	5.5	-1000	11	
ALTP113S1	01- 32.956- 85.884-4-50-000	6.8	26	0.18	2.4	.	20	34	47000	540	2000	20.2	16000	105	
ALTP115S1	01- 32.974- 85.978-4-50-000	6.9	45	0.40	2.6	10	15	113	35900	590	6300	10.8	4400	60	
ALTP117S1	01- 32.990- 85.949-4-50-000	7.1	70	0.40	2.4	27	9	142	20500	530	8900	11.4	1100	39	
ALTP118S1	01- 32.998- 85.895-4-50-000	7.0	60	0.32	3.7	16	18	107	13700	530	9200	15.1	1300	34	
ALTP119S1	01- 32.986- 85.859-4-50-000	6.9	25	0.16	3.0	11	24	129	84300	960	2800	9.0	54500	157	
ALTP120S1	01- 32.978- 85.831-4-50-000	6.3	22	0.16	4.1	12	81	24	21100	810	1400	5.5	20300	28	

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

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SRL I.D.      AL      DY      EU      LA      SM      YB      LU
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GACH022      7900      8.8      .      52      9      .      0.6
GACH023      10700     4.4      .      36      4      2.6     0.3
GACH024      8200      14.4     3.4     133     20     8.3     0.9
GACH025      25500     16.6     3.4     148     23    10.6     1.8
GACH026      7800      8.5     -0.8     88     15    -2.0     0.6
GACH027      9800      8.0     -0.8     87     12     6.3     0.4
GACH028      22400     5.5      .      60     10     4.2     0.5
GACH029      26400     2.7     -1.0     33      6      .      0.3
GACH030      18800     2.8     -1.1     35      5      .      .
GACH031      6700     10.5     2.0     74     11     8.2     1.5
GACH032      4000     -1.0     -1.1    -10     -2    -2.0      .
GACH033      6800      4.9     -1.5     39      7     4.1     0.7
GACH034     14900      5.0     -0.8     48      6     4.5     0.6
GACH035     22800      4.1     -0.8     31      6     3.5     0.4
GACH036      8300      .      6.1     24      5    -2.0      .
GACH037      9700     46.7      3.2     81     14     8.7     1.0
GACH038      8400      .     -1.6    107     18     6.6     1.3
GACH039      5700      3.0     -0.8     19      4    -2.0    -0.2
GACH040      8600      7.0      .      67     10     4.1     0.7
GACH041      4000     37.1      3.8    439     62    27.8     4.5
GACH042     65500     19.5     -0.8     34      9     3.8     0.7
GACH043      4300     14.1      3.4    117     18    12.0     2.0
GACH044      4100      4.2      .      24      4     4.6     0.7
GACH045      6500     60.3      .     526     81    81.7    10.8
GACH046     102500     .     -0.8     27      3    -2.0     0.3
GACH047      5600     28.6      .     338     49    17.6     2.1
GACH048     19000      8.1      .      86     15     6.8     0.8
GACH049      6100     24.3     -1.4    131     21    11.9     1.4
GACH050      8300      3.6     -0.8     26      4     2.5     0.3
GACH051      6700     27.4     -0.8     31      5     5.8     0.8
GACH052      2400     -1.0     -0.8    -10     -2      .      .
GACH053     13500     49.9      .     522     83    41.0     6.1
GACH054     20900     14.8      .      27      4    -2.0     0.4
GACH101      8700      4.3     -1.3     45      6     3.9     0.5
GACH102      7000      9.0     -0.8     70     12     7.9     1.2
GACH103     10600     12.7      .     103     16     6.7     1.0
GACH104      5000     10.0      1.3     70     13     5.7     1.1
GACH105      6100     15.3     -0.8     64     10     9.1     1.4
GACH106     22200      3.3     -0.8     29      4      .      0.4
GACH107      .      .      .      .      .      .      .
GACH108      4000      4.3     -0.8     38      6    -2.0     0.4
GACH109      9200      2.0     -0.8     18      2      .    -0.2
GACH110      6300      9.9     -0.8     92     14     5.8     0.9
GACH111      .      .      .      .      .      .      .
GACH112      8400     67.1      5.8    759    124    43.1     5.8
GACH113     15700      8.4     -1.0     89     14     3.1     0.8
GACH114      4200      4.3     -0.8     25      4     2.3     0.5
GACH115      8500      3.4     -0.9     31      4     2.7     0.3
GACH116      6700      3.6     -0.8     23      4     3.5     0.3
GACH117      3700      7.9      1.7     44      7     5.2     0.8

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TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GACH118	7300	1.9	-0.8	16	2	-2.0	-0.2
GACH119	6300	6.8	-0.8	39	6	5.3	0.8
GACH120	.	.	.	.	.	.	.
GACH121	14500	3.6	-0.8	22	4	-2.0	0.3
GACR001	18300	26.0	.	721	115	16.8	2.4
GACR002	19000	36.0	3.5	669	86	27.3	5.8
GACR003	20000	-1.6	.	50	6	-2.0	-0.2
GACR004	34600	2.6	-1.0	19	3	-2.0	0.8
GACR005	29000	-1.3	-0.8	16	2	2.1	0.5
GACR006	26400	-1.1	-0.8	34	6	2.3	0.9
GACR012	57000	-1.3	.	.	-2	-2.2	.
GACR013	38700	.	-1.2	23	.	2.6	-0.2
GACR014	32400	-1.3	.	16	4	2.6	0.6
GACR015	.	.	1.4	15	3	2.2	0.4
GACR016	27900	-1.0	-0.8	15	3	-2.0	0.4
GACR017	32500	7.5	.	56	9	11.6	1.5
GACR018	.	.	-0.8	12	2	-2.0	0.3
GACR019	35700	3.7	-1.3	-10	-2	-2.0	0.5
GACR021	.	.	-0.8	13	3	-2.0	0.4
GACR022	53100	6.3	1.5	23	4	-2.0	-0.2
GACR023	44500	6.3	.	20	5	-2.0	0.5
GACR024	27700	.	2.3	41	4	6.9	0.7
GACR025	.	2.6	-0.8	10	2	-2.0	0.3
GACR026	39200	6.8	-1.0	.	-2	-2.0	-0.2
GACR027	47300	3.8	.	13	3	-2.0	-0.4
GACR028	13200	11.4	.	138	19	7.8	1.2
GACR029	27800	7.8	.	52	12	4.3	0.3
GACR030	9500	16.7	.	156	34	7.1	1.7
GACR031	14900	10.0	2.1	142	25	4.9	0.8
GACR032	31500	8.5	-0.8	40	5	.	0.5
GACR033	24800	12.1	1.8	109	17	4.9	1.0
GACR046	6600	23.5	2.8	113	41	12.8	1.1
GACR056	17200	3.8	.	111	14	12.3	1.6
GACR061	15000	79.6	8.9	1871	368	50.3	9.5
GACR064	16400	5.0	.	91	11	8.9	0.8
GAHS001	38800	8.7	.	54	13	-3.0	1.1
GAHS004	28500	64.0	8.6	815	272	52.6	6.7
GAHS005	17000	9.7	.	51	15	-2.0	0.6
GAHS006	26600	141.5	9.4	1060	115	28.4	5.2
GAHS007	.	.	2.2	101	.	5.4	0.9
GAHS008	16500	37.8	8.6	535	56	30.0	3.4
GAHS009	26900	11.9	.	62	21	5.1	1.5
GAHS010	28200	47.3	4.6	605	149	22.3	3.1
GAHS011	49500	20.4	.	92	21	8.2	1.6
GAHS012	13100	14.8	.	165	44	6.3	0.9
GAHS013	23800	24.9	4.3	347	72	31.5	4.2
GAHS014	.	.	8.4	.	-2	31.4	4.6
GAHS015	22200	22.2	.	268	65	-2.0	0.9
GAHS016	34400	25.6	.	125	44	8.1	1.1
GAHS017	35900	28.4	.	342	59	7.2	2.1

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
 THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GAHS018	32700	18.0	2.1	73	19	21.2	3.2
GAHS020	43000	4.4	-0.8	11	3	-2.0	1.1
GAHS021	35600	49.0	7.5	423	136	14.6	2.0
GAHS022	36400	21.6	4.9	405	103	12.4	1.7
GAHS023	.	.	.	.	.	9.8	1.6
GAHS024	23500	14.9	-0.9	100	19	12.6	2.1
GAHS025	27700	32.3	9.0	339	76	25.5	3.8
GAHS027	.	.	.	413	.	27.7	4.3
GAHS028	30100	44.8	5.3	244	39	16.2	2.5
GAHS031	12900	24.1	5.9	239	77	12.0	2.3
GAHS033	26900	15.1	.	78	30	7.8	1.6
GAHS034	.	.	-0.8	.	.	13.9	1.7
GAHS035	20800	7.5	-0.9	94	-2	-2.0	-0.2
GAHS036	.	.	2.1	131	.	28.4	4.2
GAHS037	32000	29.1	3.7	308	75	30.9	4.4
GAHS038	26100	26.7	3.0	209	56	32.2	4.8
GAHS039	39100	2.8	1.6	45	8	6.7	1.0
GAHS040	13900	35.5	10.6	630	110	57.4	8.2
GAHS041	36800	14.2	4.8	134	28	9.5	1.2
GAHS042	35300	12.7	.	116	29	7.1	1.0
GAHS043	.	.	-0.8	70	.	7.4	0.7
GAHS044	21200	41.1	.	235	68	25.5	2.9
GAHS045	.	.	-1.0	187	.	12.1	2.0
GAHS046	15900	19.2	2.4	113	20	12.2	1.8
GAHS047	.	.	2.1	77	.	-2.0	0.6
GAHS048	30300	4.4	-1.4	10	2	8.3	0.9
GAHS049	.	.	-1.0	46	.	8.9	1.3
GAHS050	22000	5.0	-0.8	27	8	7.2	0.7
GAHS051	.	.	2.6	171	.	11.8	1.6
GAHS052	36100	13.7	.	49	16	4.0	1.1
GAHS053	.	.	-0.8	87	.	9.0	1.3
GAHS054	42600	5.7	-0.9	32	4	4.8	0.9
GAHS055	31200	13.4	-0.9	197	29	17.3	2.2
GAHS056	.	.	-1.1	34	.	9.0	1.6
GAHS057	44300	5.5	1.3	-10	-2	4.7	1.2
GAHS059	.	.	4.5	303	.	25.3	3.2
GAHS060	67400	-1.2	-0.8	12	2	-2.0	0.5
GAHS062	.	.	.	.	.	23.9	3.2
GAHS063	34500	33.3	.	344	70	32.2	4.2
GAHS064	19100	27.3	.	152	46	5.6	1.2
GAHS065	14900	15.9	1.3	75	27	15.2	1.9
GAHS066	24500	14.9	2.1	108	20	33.1	4.7
GAHS067	50700	18.5	3.4	111	28	5.7	1.5
GAHS068	19500	10.7	1.5	66	22	7.4	1.3
GAHS070	13900	16.5	.	73	29	5.9	0.8
GAHS071	12400	13.7	2.9	159	21	6.8	0.9
GAHS072	.	.	.	14	.	3.6	0.7
GAHS073	22200	12.0	2.2	203	39	16.0	2.5
GAHS074	27800	11.3	2.2	69	12	21.4	3.2
GAHS075	51800	1.6	.	46	7	10.3	1.1

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY

1X2 DEGREE SHEET

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THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

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SRL I.D.      AL      DY      EU      LA      SM      YB      LU
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GAHS076      .      -1.5     1.8     26      6      3.4     0.9
GAHS077     34300     -1.0     1.0     21      4      6.3     1.3
GAHS078     23200      9.6     2.5    112     19      9.1     1.6
GAHS079      .      .      2.2    103      .      8.6     1.3
GAHS080     27600     33.1     3.6    235     93      5.2     2.2
GAHS081     16100     16.5    -1.3    101     35      8.3     1.3
GAHS082     56200     23.2      .    402     68     11.4     2.1
GAHS083     51800      6.4     8.5     50     24     -2.0    -0.2
GAHS084      .     -1.0      .     93     12     -2.0     0.6
GAHS085      .      .      .     91      9      8.4     0.8
GAHS086     10900      7.7    -1.0     72     27     -2.0     0.6
GALA017     35500     28.5      .    462     44     11.1     0.7
GALA034     29900    109.2      .    985    268     27.9     4.1
GALA035     14900     51.0     7.0     910     98     17.8     3.8
GALA036     56500     31.9     7.4   1019    122     18.5     2.6
GALA038     34700     37.9      .    543     81      6.6     1.5
GAMA001      .      .      .      .      .      .      .
GAMA002      .      .      .      .      .      .      .
GAMA003      .      .      .      .      .      .      .
GAMA004      6400      5.2    -1.0     34      5      4.2     0.6
GAMA005      9200      3.4     2.3     19      2     -2.0     0.3
GAMA006      8500      5.6    -1.3     43      7      6.2     0.6
GAMA007     12800      4.4    -0.8     46      7      4.9     0.6
GAMA008     21800     12.3    -1.0    108     17      8.1     1.2
GAMA009      8100     11.0    -0.8     92      8      4.2     2.0
GAMA010      .      .      .      .      .      .      .
GAMA011      9800      5.3    -0.8     55      8      2.4     0.5
GAMA012     26000     11.0    -0.8    146     19     10.7     1.5
GAMA013      .      .      .      .      .      .      .
GAMA014      5100     17.3     2.2     93     16     17.0     1.5
GAMA015     20000      4.0     2.2     40      5      4.6     0.8
GAMA016      .      .      .      .      .      .      .
GAMA017      5000     19.7    -1.5    281     45     10.4     1.6
GAMA024     11100      9.1     2.0     58      9      3.6     0.7
GAMA037      8200      4.2    -0.8     26      5      2.4     0.3
GAMA038      8400      2.0     0.8     16      2     -2.0     0.2
GAMA039      .      .      .      .      .      .      .
GAMA040     12800      5.3    -0.8     35      5      2.0     0.4
GAMA041     11300     50.6     3.6    437     75     26.6     4.2
GAME021      7500      6.2    -1.3     20      4      4.6     1.0
GAME038     12900      5.8      .     20      3     -2.0    -0.2
GAME056     33700    113.0     4.3    945     79     36.2     5.2
GAME063     24900     19.4     4.1    204     35     18.8     3.4
GAME064     22200     51.8     5.7    648     89     39.4     5.4
GAME065     28400     31.4    11.0    632     67     32.9     4.4
GAME066     65000      6.9     3.2     96     12      8.0     0.9
GAME067     41000     70.2     8.3    391     43     18.6     3.0
GAME069     48800     38.5    13.0    644     84     56.1     7.6
GAME070     12500     21.7     7.3    285     65     20.9     3.1
GAME071     45800     18.9      .     21      4      8.7     1.3

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PHENIX CITY

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SRL I.D.	AL	DY	EU	LA	SM	YB	LU

GAME072	29600	20.0	-1.4	44	8	24.6	3.6
GAME073	9100	2.8	-1.1	20	4	3.7	0.5
GAME074	23100	18.5	3.6	75	16	12.1	1.7
GAME075	10800	62.6	10.0	412	61	27.3	5.0
GAME076	14500	15.3	-1.4	194	26	9.9	0.9
GAME077	16400	4.7	-1.5	33	6	3.8	0.4
GAME078	7100	7.0	.	118	21	14.0	1.9
GAME079	11200	6.1	2.8	51	6	7.0	1.2
GAME080	19400	5.3	3.1	17	4	3.3	0.5
GAME081	10500	7.5	5.4	79	13	9.9	1.5
GAME082	34800	11.8	4.0	121	13	3.8	0.6
GAME083	61100	9.5	.	142	16	5.0	0.6
GAME084	35100	19.8	5.3	416	42	21.8	3.4
GAME085	18700	8.3	-1.5	86	10	7.8	1.1
GAME086	13800	11.7	.	117	21	9.9	1.3
GAME087	30200	38.7	13.7	405	113	21.6	3.0
GAME088	17100	14.0	1.9	108	17	11.9	1.6
GAME090	32600	23.3	3.4	409	49	23.6	3.3
GAME091	34100	11.3	.	154	18	16.5	2.1
GAME092	37800	8.5	.	151	18	9.1	1.2
GAME093	40400	11.2	2.5	91	14	6.7	1.2
GAME094	11500	11.4	.	75	11	-2.0	-0.2
GAMO021	29900	-1.6	3.8	340	31	7.7	1.5
GAMO037	30300	50.1	.	478	106	22.6	2.2
GAMO055	.	.	.	.	.	.	.
GAMO063	.	.	.	.	.	.	.
GAMO064	.	.	.	.	.	.	.
GAMO065	.	.	.	.	.	.	.
GAMO068	.	.	.	.	.	.	.
GAMR001	10100	3.8	-0.8	57	9	.	0.7
GAMR002	12600	2.9	-0.8	31	5	3.8	0.4
GAMR003	7000	8.3	-0.8	47	7	7.1	0.6
GAMR004	13100	3.5	-0.8	30	5	3.0	0.2
GAMR005	6900	4.9	-1.3	48	7	3.5	0.5
GAMR006	10500	32.5	3.5	321	49	18.7	2.8
GAMR007	76500	9.4	3.9	76	13	7.0	0.7
GAMR008	11000	27.2	.	248	40	14.6	2.6
GAMR009	13900	32.6	7.9	376	51	26.3	3.5
GAMR010	3800	6.0	-0.8	62	10	4.9	1.1
GAMR011	12600	24.3	-1.6	171	25	18.6	2.5
GAMR012	7600	1.4	-0.8	24	5	.	0.3
GAMR013	67300	5.0	-1.2	38	5	-2.0	0.4
GAMR014	9200	2.1	-0.8	22	3	.	0.3
GAMR015	124200	5.3	-1.5	69	12	.	0.3
GAMR016	6200	3.8	-1.5	29	5	4.1	0.5
GAMR017	6300	4.6	-0.8	31	6	4.6	0.7
GAMR018	24400	29.9	.	207	33	23.6	3.5
GAMR019	16400	6.6	1.1	48	9	4.8	0.6
GAMR020	7300	8.2	-0.8	46	8	4.4	1.0
GAMR021	8600	11.9	-0.8	77	13	9.7	1.6

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GAMR022	2000	4.7	-0.8	25	5	7.1	0.7
GAMR023	7300	5.3	-0.8	44	8	6.8	0.8
GAMR024	50700	2.5	-1.2	57	6	3.3	0.4
GAMR025	29300	6.4	-0.8	55	9	4.4	0.7
GAMR026	4600	12.1	-1.6	104	15	9.6	2.0
GAMR027	10400	8.2	-0.8	33	7	12.4	1.3
GAMR028	17300	15.3	-1.0	96	12	21.6	2.1
GAMR029	5100	2.6	.	17	2	.	0.4
GAMR030	12900	3.9	.	21	4	.	0.6
GAMR031	21600	39.1	-0.8	401	67	31.2	4.2
GAMR032	5100	5.6	-0.8	54	10	4.4	0.8
GAMR033	5400	2.0	-1.0	18	3	-2.0	.
GAMR034	8100	3.1	-0.8	20	3	2.0	-0.2
GAMR035	6600	3.6	-0.8	29	5	2.5	0.3
GAMR036	6700	7.2	-0.8	77	12	.	0.9
GAMR037	23500	2.2	-0.8	22	5	-2.0	.
GAMR038	3000	4.0	-1.4	42	5	.	0.7
GAMR039	10600	10.0	-0.8	55	8	10.2	1.2
GAMR040	4500	5.1	-1.6	57	8	3.2	0.5
GAMR041	8400	5.8	-1.1	38	6	5.2	0.8
GAMR042	1900	1.8	-0.8	-10	-2	.	0.2
GAMS001	42200	-1.9	.	30	5	-2.0	0.6
GAMS002	35900	2.4	2.3	30	6	6.1	1.0
GAMS003	28800	.	-1.2	27	4	4.3	0.8
GAMS004	46900	3.2	1.0	19	4	5.0	1.0
GAMS005	59900	-1.7	1.6	-10	-2	-2.0	0.6
GAMS006	50100	.	-0.8	-10	-2	-2.0	0.5
GAMS008	19500	8.0	5.3	155	22	11.0	1.7
GAMS009	37200	7.6	.	52	9	-2.0	0.8
GAMS010	.	.	3.6	118	.	10.7	1.1
GAMS011	.	.	4.8	.	.	12.0	2.1
GAMS012	31100	20.7	4.1	276	44	14.5	2.3
GAMS013	27400	17.7	-1.4	69	33	4.3	0.6
GAMS014	.	.	1.8	35	3	6.0	0.9
GAMS016	23400	9.9	-0.8	40	5	3.3	0.7
GAMS017	19200	-1.0	-0.8	36	5	5.2	0.5
GAMS018	34700	6.0	4.0	99	16	12.2	1.8
GAMS019	29000	2.8	.	56	9	6.0	1.9
GAMS020	17700	7.4	2.7	160	24	11.2	1.9
GAMS021	19900	10.2	3.5	192	22	9.6	1.8
GAMS022	6000	.	-1.2	69	.	8.3	1.4
GAMS023	10300	27.7	2.0	213	49	14.3	2.2
GAMS024	15100	32.2	.	511	.	-2.0	.
GAMS025	.	.	.	131	.	17.4	2.2
GAMS026	6300	15.4	.	191	111	6.2	1.0
GAMS027	.	-1.0	9.0	.	-2	54.2	7.0
GAMS028	11000	127.8	8.3	1516	302	43.5	6.4
GAMS029	.	.	4.0	.	.	22.3	3.7
GAMS030	5500	8.1	.	78	20	12.2	1.3
GAMS031	.	.	4.9	.	.	25.6	4.6

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.

	AL	DY	EU	LA	SM	YB	LU
GAMS032	11000	45.8	3.4	476	92	34.5	3.9
GAMS033	.	.	3.7	.	.	19.6	2.9
GAMS034	12500	46.9	4.1	461	101	27.2	3.4
GASC001	7600	1.9	-0.8	14	-2	.	-0.2
GASC002	6400	12.6	.	183	25	7.1	1.0
GASC003	13500	5.9	-1.4	55	9	5.4	0.8
GASC004	6500	32.0	6.8	476	62	19.1	3.0
GASC005	7300	153.3	25.9	1979	260	92.7	14.2
GASC006	10800	3.0	-1.0	25	5	5.1	0.3
GASC007	31200	2.6	-1.2	35	5	3.6	0.4
GASC008	9000	4.4	-0.8	37	6	4.9	0.3
GASC009	5500	37.8	.	292	42	21.6	2.7
GASC010	10800	2.7	-1.0	21	4	-2.0	0.3
GASC011	54800	6.2	-1.6	61	9	5.2	0.6
GASC012	10000	5.9	1.4	34	6	5.1	0.6
GASC013	4000	2.3	-0.8	22	3	.	0.2
GASC014	2900	1.8	-0.8	17	3	3.4	0.4
GASC015	4600	6.7	-0.8	50	8	5.1	0.6
GASC016	4800	1.5	-0.8	13	3	.	0.3
GASC017	7600	3.5	-0.8	19	4	3.9	0.3
GASC018	11900	.	5.2	-10	-2	.	.
GASC019	9700	8.2	-0.8	57	9	.	0.6
GASC020	57700	8.6	1.6	76	17	7.9	1.0
GASC021	.	.	.	.	.	.	.
GASC022	.	.	.	.	.	.	.
GASU001	4200	1.7	.	10	-2	-2.0	-0.2
GASU002	.	.	.	.	.	.	.
GASU003	21800	1.9	-0.8	31	6	2.9	0.4
GASU013	8400	6.1	-0.8	31	5	3.9	0.8
GASU014	12000	5.3	-0.8	16	3	5.1	0.5
GASU015	.	.	.	.	.	.	.
GASU016	25800	2.6	-0.8	29	5	3.2	0.5
GASU017	5800	10.6	-0.8	122	11	6.2	1.5
GASU018	.	.	.	.	.	.	.
GASU019	7900	7.1	-0.8	36	6	3.5	0.6
GASU020	6500	4.9	-0.8	39	6	5.3	0.8
GASU021	6800	15.7	1.5	159	25	13.8	2.0
GASU022	.	.	.	.	.	.	.
GASU023	74800	6.6	5.7	118	31	18.9	1.2
GASU024	51300	9.3	-0.8	87	17	6.1	0.9
GASU025	16600	3.1	-0.8	28	4	3.2	0.5
GASU026	.	.	.	.	.	.	.
GASU027	60400	14.7	.	103	21	12.4	1.4
GASU028	25200	8.7	3.9	53	13	6.3	0.8
GASU029	9200	3.9	-0.8	38	7	4.7	0.6
GASU030	24700	13.6	2.0	60	11	5.4	0.9
GASU031	9400	2.1	1.1	-14	10	10.9	1.0
GASU037	17400	3.4	2.0	.	3	-2.0	-0.2
GASU038	11600	8.9	-0.8	128	17	-2.0	0.7
GASU039	9300	1.4	-0.8	.	8	11.0	1.3

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GASU040	9200	3.8	-0.8	-15	6	4.8	0.6
GASU041	6100	6.8	-0.8	.	6	-2.0	0.5
GASU042	17000	1.7	.	-10	2	.	0.5
GASU045	27700	3.5	0.9	-14	3	.	0.7
GASU046	8200	4.5	-0.8	.	6	-2.0	1.0
GASU049	103100	16.0	2.3	141	17	5.7	1.0
GASU050	53300	40.6	11.8	417	66	26.9	3.6
GASU051	11100	7.2	-0.8	136	5	-2.0	0.6
GASU052	13300	3.9	-0.8	55	5	-2.0	0.7
GASU053	34000	7.7	3.1	105	14	10.3	0.7
GASW001	7300	1.7	-0.8	18	2	.	0.3
GASW002	7300	42.3	6.6	970	89	24.4	3.7
GASW003	5900	3.8	-0.8	62	6	-2.0	0.4
GASW004	.	.	-0.8	.	.	.	0.3
GASW005	3600	57.4	4.2	916	96	41.2	5.3
GASW006	6000	15.8	-0.9	279	28	8.6	1.7
GASW007	4800	.	-0.8	50	-2	-2.0	.
GASW008	8500	9.5	-0.8	107	14	8.8	1.0
GASW009	8200	22.3	1.7	310	31	5.6	1.5
GASW010	5100	7.5	1.8	75	9	-2.0	0.9
GASW011	.	17.2	2.9	181	17	13.1	1.7
GASW012	.	5.2	-0.8	88	9	3.2	0.3
GASW013	9200	3.9	-0.8	64	5	-2.0	1.1
GASW014	8400	4.4	-0.8	68	5	.	0.4
GASW015	6300	16.7	-0.8	201	26	11.6	1.3
GASW016	2400	14.4	2.5	300	31	3.4	0.6
GASW017	7400	4.8	-1.0	71	8	-2.0	0.4
GASW018	2700	11.5	1.6	154	17	3.6	0.6
GASW019	.	11.3	1.7	222	20	.	0.7
GASW020	31400	4.0	.	35	6	3.1	0.3
GASW021	.	7.1	3.4	91	15	7.6	0.8
GASW022	.	3.2	-0.8	64	4	-2.0	.
GASW023	48100	8.3	2.8	119	16	5.2	1.4
GASW024	.	71.5	6.8	576	82	37.9	7.7
GASW025	13100	15.8	-1.6	181	21	7.4	1.3
GASW026	11300	5.8	0.8	104	9	5.2	0.7
GASW027	19500	5.0	-0.8	35	7	-2.0	.
GASW028	11500	5.7	-0.8	49	8	.	0.6
GASW029	15400	8.6	.	133	14	.	0.9
GASW030	8800	9.5	-0.8	146	8	.	0.5
GASW031	4400	5.1	.	.	.	.	.
GASW034	4000	26.9	-0.9	503	51	15.8	2.9
GASW035	37300	12.2	-1.1	84	15	9.4	.
GASW036	56800	18.8	4.3	208	49	.	1.6
GASW042	15000	10.4	.	168	15	9.2	1.2
GASW043	25900	15.6	4.2	462	72	14.6	2.8
GASW050	19200	90.4	10.5	1337	174	56.8	9.2
GASW051	10200	5.6	.	-10	7	.	.
GASW052	8800	1.1	-0.8	282	37	12.5	1.7
GASW053	9000	12.2	3.5	93	16	6.4	0.4

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GASW054	5700	5.2	-0.8	35	6	2.3	-0.2
GASW055	17000	5.3	-0.8	51	9	2.0	0.4
GASW056	6900	3.3	-1.3	38	5	4.5	0.4
GASW057	8400	.	.	39	6	2.3	0.3
GASW058	16700	3.1	-0.8	29	6	4.0	.
GASW059	11000	2.0	2.4	23	5	.	0.3
GATA001	38500	12.1	-0.8	66	23	13.0	1.1
GATA002	.	.	2.3	34	.	4.7	0.7
GATA003	23900	8.4	2.0	72	17	13.1	2.0
GATA004	17900	11.8	-0.8	30	4	22.6	2.6
GATA005	18400	9.9	-0.8	37	9	23.0	2.8
GATA006	44900	4.9	-1.0	39	8	6.4	1.4
GATA007	23500	8.1	1.3	27	9	8.1	1.3
GATA008	.	.	.	126	.	4.4	1.3
GATA009	27900	11.1	.	225	36	16.4	2.1
GATA010	.	.	.	138	.	11.8	0.8
GATA011	.	.	3.8	179	.	4.3	0.7
GATA012	31700	.	1.6	164	.	9.6	1.0
GATA013	33700	30.4	3.6	373	92	6.8	1.2
GATA014	19300	34.0	-1.2	199	66	14.2	1.4
GATA015	.	.	3.6	163	.	14.6	2.6
GATA016	16500	11.7	-1.5	81	29	3.7	0.7
GATA017	26200	12.9	.	69	24	-3.3	0.8
GATA018	.	.	.	148	.	8.8	0.9
GATA019	20700	12.2	3.9	200	55	19.7	2.8
GATA020	.	.	-1.2	-10	.	-2.0	0.4
GATA023	46400	8.2	-0.9	13	7	-2.0	0.3
GATA024	.	.	.	24	.	-2.0	-0.2
GATA025	42200	9.4	-0.8	31	9	4.2	0.9
GATA026	45000	11.4	2.1	86	13	4.3	1.0
GATA027	29000	-1.3	2.5	30	5	4.0	0.4
GATA028	28600	-1.0	-1.1	34	6	4.1	1.4
GATA029	26700	2.8	1.0	22	3	8.6	1.4
GATA030	37200	-1.8	5.9	16	5	-2.4	0.5
GATA031	.	.	-0.8	13	.	2.4	0.5
GATA032	27800	2.0	.	-10	-2	.	.
GATA033	.	.	1.3	-10	-2	2.6	-0.2
GATA034	.	.	-1.0	.	-2	2.8	0.3
GATA035	29800	.	0.8	-10	3	3.0	0.2
GATA036	23200	1.5	-0.8	-10	3	3.9	0.5
GATA037	38200	17.6	-0.8	21	4	2.4	0.7
GATA038	31000	2.8	.	20	3	-3.1	0.6
GATA039	.	.	-0.8	12	.	-2.0	0.4
GATA040	19600	.	.	.	.	-2.0	.
GATA041	19700	20.5	1.8	112	16	16.7	2.3
GATA043	.	3.7	-0.8	10	-2	-2.0	0.3
GATA044	11600	.	-1.3	70	8	-2.0	0.5
GATA045	26900	7.4	.	156	20	3.8	0.8
GATA046	29300	3.7	-0.8	-10	6	-2.0	0.2
GATA047	48700	-1.9	1.2	10	-2	2.6	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GATA048	54700	7.8	4.1	41	6	-2.0	0.6
GATA049	38500	4.2	4.1	61	9	8.0	.
GATA050	44000	7.7	3.7	136	21	7.8	1.5
GATA051	18400	.	.	28	.	3.0	0.6
GATA052	8400	-1.0	-0.8	26	3	-2.0	0.5
GATA053	.	.	.	.	-2	12.9	2.5
GATA054	10400	10.9	.	251	61	17.7	1.8
GATA055	4800	8.7	-1.1	58	16	4.5	0.5
GATA056	45300	3.3	1.0	-10	-2	-2.0	-0.4
GATA057	25000	-1.8	-0.8	13	4	2.7	0.5
GATA058	13800	6.8	.	118	15	8.1	1.0
GATA059	5100	18.8	.	112	34	7.6	1.4
GATA060	.	.	3.3	.	.	12.1	1.3
GATA062	75800	7.5	.	73	9	5.9	1.1
GATA063	10900	7.8	.	69	19	-2.0	0.6
GATA064	.	.	-0.8	15	2	-2.0	0.3
GATA065	35900	6.1	.	19	8	-2.0	-0.2
GATA067	81700	.	-1.0	-10	2	-2.0	0.4
GATA068	47100	9.2	1.6	26	3	7.5	-0.2
GATA070	.	.	-0.9	47	.	-2.0	0.6
GATA071	38900	6.1	.	59	11	5.3	0.7
GATA072	.	.	.	37	.	-2.0	0.5
GATA073	.	.	7.2	.	-2	25.9	2.8
GATA074	29100	6.7	-1.1	19	13	-2.0	0.8
GATA076	.	.	.	27	.	-2.0	0.5
GATA077	27900	4.7	1.6	40	17	-2.5	.
GATA078	29200	-1.0	-0.9	-10	4	-2.2	-0.4
GATA079	58800	10.9	-0.8	-10	2	-2.0	0.4
GAT0033	27300	14.9	-0.9	191	24	25.5	3.7
GAT0034	57200	39.2	.	219	18	24.8	2.9
GAT0035	28600	3.7	.	42	7	10.5	1.6
GAT0036	37500	9.7	.	204	20	7.0	1.0
GAT0039	34400	7.1	-0.8	13	15	2.8	2.2
GAT0040	43700	7.6	1.6	47	9	7.8	1.3
GAT0041	43100	16.5	.	72	9	6.9	1.0
GAT0042	23200	12.6	.	131	18	13.1	2.1
GAT0043	51900	23.2	.	76	12	13.8	1.9
GAT0044	30100	14.7	.	91	23	14.5	1.9
GAT0045	63400	17.7	3.9	196	30	18.7	2.4
GAT0046	14400	88.0	15.9	1363	185	79.8	13.0
GAT0047	29300	24.9	9.3	307	33	31.0	2.8
GAT0048	19200	18.2	3.8	278	42	12.1	1.6
GAT0049	46900	17.1	2.8	183	32	20.8	3.0
GAT0050	26600	39.7	5.5	361	60	41.5	6.0
GAT0051	54100	6.6	2.5	93	14	10.9	1.4
GAT0052	49500	5.7	.	67	9	9.5	0.8
GAT0054	68800	-1.3	-1.2	30	3	-2.0	0.3
GAT0055	35500	33.0	1.9	57	10	10.6	1.5
GAT0056	34500	.	5.2	120	18	7.7	1.6
GAT0057	29700	85.1	10.4	615	92	42.3	5.8

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GAT0058	28300	91.6	13.8	977	163	41.1	6.1
GAT0059	16900	39.2	.	629	88	28.9	4.6
GAT0060	55900	30.6	9.1	524	60	13.0	2.7
GAT0061	11800	19.1	.	263	38	10.8	1.2
GAT0062	61400	17.0	.	70	11	9.2	0.6
GAT0063	25200	19.3	.	335	47	12.3	1.9
GATY001	19400	6.3	.	11	6	-2.0	0.3
GATY002	41800	3.4	2.4	16	-2	3.8	0.5
GATY003	23000	4.0	-1.3	19	4	3.0	0.6
GATY004	33700	7.6	-1.2	32	11	-2.0	0.7
GATY005	21300	2.8	.	58	10	-2.0	0.4
GATY006	.	.	.	18	.	8.7	0.3
GATY007	29500	.	-0.8	31	3	-2.0	0.5
GATY008	.	.	-0.8	27	3	6.3	0.6
GATY009	.	.	.	.	.	12.0	2.1
GATY010	15400	17.5	.	247	71	7.6	1.3
GATY012	18500	45.7	4.9	550	139	36.0	5.6
GATY013	.	.	.	.	.	24.4	3.4
GATY014	26900	11.2	.	185	27	13.8	2.3
GATY015	.	.	2.0	.	.	16.8	2.8
GATY016	10200	21.2	.	191	42	17.6	1.7
GATY018	.	.	-0.8	30	.	4.2	0.4
GATY020	11000	17.6	.	159	36	12.9	2.0
GATY021	3900	56.8	3.0	408	100	29.3	4.6
GATY023	32000	7.9	-0.8	24	8	4.2	0.6
GATY024	41300	9.0	.	52	13	6.3	0.6
GATY025	35200	9.2	1.4	44	11	6.4	0.7
GATY026	14600	6.2	.	69	6	3.7	0.4
GATY027	5300	44.5	3.3	326	82	39.3	6.4
GATY028	7000	.	.	.	.	17.1	2.6
GATY032	9500	9.1	-1.0	86	6	5.1	0.6
GATY033	5800	2.0	.	15	4	-2.0	-0.2
GATY034	5700	58.4	.	399	50	23.1	3.5
GATY036	3400	2.1	-0.8	-10	-2	-2.0	-0.3
GATY037	3300	11.2	.	96	14	-2.0	1.0
GATY039	8100	3.4	-0.8	18	7	-2.0	-0.2
GATY040	96600	5.1	3.1	40	4	-2.0	0.5
GATY041	3600	.	6.5	.	.	119.2	17.3
GATY043	12000	13.7	-0.8	153	37	6.8	1.1
GATY045	41700	8.5	.	38	14	-2.0	0.2
GATY046	.	.	-0.8	15	.	-2.0	0.3
GATY048	4500	3.9	-0.8	28	8	-2.0	0.3
GATY049	10400	15.2	-1.0	38	16	6.4	1.1
GATY050	12600	13.9	.	88	24	8.5	1.1
GATY052	7900	172.6	13.2	1888	216	203.6	32.5
GATY054	4700	27.6	2.1	193	18	19.8	3.5
GATY055	4300	4.3	.	33	6	-2.0	-0.4
GATY057	3100	135.8	10.6	1056	256	87.3	14.2
GATY058	4900	45.1	11.8	582	114	20.7	4.8
GATY060	2800	10.4	.	142	39	-2.0	0.7

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GATY062	23200	11.3	.	54	12	6.5	1.0
GATY063	2400	32.8	4.4	288	72	18.2	2.6
GATY067	4300	2.4	-0.9	14	-2	3.2	0.3
GATY071	6500	11.3	.	48	17	2.6	0.5
GATY073	6100	25.2	.	129	12	13.9	3.2
GATY074	27000	7.6	.	57	9	5.8	1.0
GAUP001	34000	18.4	3.1	117	38	9.7	1.2
GAUP002	8200	9.6	-1.5	93	18	7.1	1.5
GAUP003	10500	11.3	1.9	31	5	9.5	1.9
GAUP004	11200	6.3	.	28	6	-2.0	1.0
GAUP005	9400	9.9	.	47	14	8.0	1.3
GAUP006	14400	13.6	1.8	81	15	23.2	3.3
GAUP007	18700	5.0	-1.0	19	-2	-2.0	0.9
GAUP008	8700	22.9	4.8	162	54	16.4	2.7
GAUP009	13100	6.7	-1.3	63	6	-2.0	-0.2
GAUP010	29600	11.5	-0.8	46	19	3.2	0.6
GAUP011	14600	.	-1.2	85	.	12.7	1.6
GAUP012	28600	14.2	-1.0	68	23	7.6	0.7
GAUP013	19300	13.0	-1.2	65	26	-2.0	-0.2
GAUP014	11900	4.7	1.1	17	5	-2.0	0.5
GAUP015	.	.	-1.1	37	5	-2.0	0.3
GAUP016	47600	13.5	-0.8	56	10	7.6	1.3
GAUP017	.	.	.	.	.	28.2	3.4
GAUP018	.	.	.	.	.	14.6	2.6
GAUP019	27500	.	.	.	.	-2.0	-0.2
GAUP020	46400	48.0	2.5	212	74	9.4	2.3
GAUP021	8900	-1.0	.	38	8	6.7	1.2
GAUP022	.	.	.	31	4	10.5	1.7
GAUP023	62300	11.5	0.8	63	9	10.6	1.3
GAUP024	29100	16.9	.	80	20	13.9	2.3
GAUP025	.	.	1.7	132	.	14.5	1.7
GAUP026	32200	12.5	3.1	278	45	8.2	1.0
GAUP027	.	.	7.8	137	.	18.5	3.0
GAUP028	.	.	-1.4	76	.	8.2	1.2
GAUP029	18700	9.9	.	193	.	19.7	3.0
GAUP030	33800	17.2	3.0	223	59	9.6	1.6
GAUP031	34900	7.0	.	34	12	-2.0	0.5
GAUP033	.	.	-1.1	147	.	16.1	1.9
GAUP034	31000	6.4	.	42	11	7.8	1.0
GAUP035	.	.	.	96	.	10.7	2.3
GAUP036	26700	13.9	.	146	35	12.5	2.3
GAUP037	.	.	4.5	.	.	-2.0	0.8
GAUP038	47000	3.6	-0.8	16	2	-2.0	-0.2
GAUP039	.	.	3.0	113	.	18.5	2.1
GAUP040	25000	11.3	-0.9	127	36	10.0	1.3
GAUP041	.	.	.	.	.	7.1	0.9
GAUP042	18700	8.6	.	90	13	5.7	0.8
GAUP043	.	.	-1.5	98	.	7.6	1.2
GAUP044	28800	11.5	.	169	35	25.7	2.9
GAUP045	.	.	-0.8	99	.	9.7	2.2

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
GAUP046	18500	17.2	.	96	38	16.2	2.0
GAUP047	.	.	-1.3	61	.	7.0	1.2
GAUP048	30700	3.8	1.7	62	9	2.5	0.5
GAUP049	23900	.	.	.	.	14.1	1.5
GAUP050	22000	6.5	.	161	23	15.6	2.1
GAUP051	39500	3.2	2.9	184	27	11.5	2.3
GAUP052	.	.	-1.6	94	.	4.5	1.1
GAUP053	36900	7.4	1.3	103	26	-2.0	1.0
GAUP054	30300	4.8	-1.1	122	17	27.2	3.9
GAUP055	45800	12.9	-0.8	122	19	20.7	3.5
GAUP056	34800	11.3	.	240	34	4.6	1.1
GAUP057	30700	9.2	.	135	22	7.0	0.9
GAUP058	25200	9.1	.	405	50	7.4	1.3
GAUP059	29700	22.5	.	722	209	7.8	2.0
GAUP060	38600	12.8	.	252	44	15.6	2.1
GAUP061	17200	10.1	.	80	12	3.8	0.7
GAUP062	47900	17.9	.	514	72	5.4	0.9
GAUP063	36700	11.9	1.5	234	26	8.6	1.5
GAUP064	68700	14.3	.	92	14	6.2	1.0
GAUP065	42100	-1.2	-1.6	109	18	7.6	0.8
GAUP066	69000	5.3	.	42	7	-2.0	0.7
GAUP067	63300	.	.	96	15	-2.0	0.6
GAUP068	52800	-1.8	-0.9	25	4	2.7	0.6
GAUP069	32700	-1.2	.	.	7	-2.0	0.4
GAUP070	40300	2.3	.	10	-2	-2.0	0.3
GAUP071	31300	1.7	-1.6	50	6	2.4	0.5
GAUP072	44700	5.0	.	118	20	10.2	2.1
GAWB002	35500	3.8	2.6	68	13	4.7	0.6
GAWB003	.	9.2	-0.8	27	6	.	0.8
GAWB004	.	25.7	2.5	392	39	17.6	2.6
GAWB005	9900	3.5	-0.8	32	6	.	.
GAWB006	.	6.0	-0.8	92	11	4.9	0.5
GAWB007	-1000	10.3	-0.8	195	15	-2.0	1.4
GAWB008	.	8.0	3.1	99	13	.	0.9
GAWB009	21000	3.8	2.9	32	5	.	.
GAWB010	5700	16.1	-0.8	257	22	7.8	1.1
GAWB011	.	4.9	-0.8	119	11	.	0.7
GAWB012	.	6.8	-0.8	54	7	.	0.8
GAWB013	7100	4.6	-0.8	50	5	-2.0	0.7
GAWB014	21100	3.5	-0.8	49	5	.	.
GAWB021	3500	3.8	-0.8	44	5	-2.0	0.3
GAWB022	-1000	17.8	1.6	307	29	16.9	1.2
GAWB023	13700	35.4	3.0	592	63	19.9	3.4
GAWB024	4300	6.1	.	89	9	6.0	0.4
ALBR006	3900	6.8	-0.8	84	12	5.1	0.6
ALBR007	10100	6.2	.	75	11	2.3	0.5
ALBR008	7900	13.2	-1.4	159	27	4.5	1.1
ALBR009	4800	5.9	-0.8	48	8	2.8	0.3
ALBR010	5500	2.5	-1.1	31	4	2.0	0.3
ALBR011	7800	1.2	-0.8	44	8	2.3	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	NY	EU	LA	SM	YB	LU
ALBR012	3500	-1.0	-1.3	46	7	3.0	0.2
ALBR013	7600	-1.0	-0.9	213	21	5.6	1.1
ALBR014	11400	5.6	-0.8	39	5	.	0.3
ALBR015	7300	-1.0	-0.8	53	4	3.8	0.4
ALBR017	6000	3.3	-0.8	28	4	.	0.4
ALBR018	6300	8.8	-1.3	109	15	7.5	0.8
ALBR019	4600	12.7	4.3	150	22	4.3	1.1
ALBR030	7000	-1.0	3.3	202	31	7.2	1.2
ALBR031	.	.	.	.	.	.	.
ALBR032	10500	5.5	.	71	10	.	0.5
ALBR033	10100	5.6	-0.8	56	8	.	0.4
ALBR071	4200	14.4	2.9	193	28	9.3	1.2
ALBU001	38400	4.6	-0.8	48	7	2.6	0.4
ALBU002	17100	6.3	3.5	57	9	.	0.7
ALBU003	34300	3.3	-1.4	37	7	.	0.5
ALBU004	9100	4.0	2.4	48	7	.	.
ALBU005	29000	3.7	1.7	45	8	5.3	0.6
ALBU006	11800	8.6	-1.5	61	11	4.4	0.4
ALBU007	14600	6.6	-0.8	51	7	2.8	0.3
ALBU008	25100	6.2	-0.8	55	8	7.1	0.6
ALBU009	10900	5.6	2.8	89	13	2.5	0.4
ALBU010	25100	5.0	-0.8	51	9	6.1	0.4
ALBU011	19600	5.0	-0.8	30	5	2.1	0.4
ALBU012	22300	7.7	-1.6	55	8	-2.0	0.8
ALBU013	23800	4.6	-0.8	44	8	.	0.7
ALBU014	8300	6.2	-1.6	50	9	5.1	0.5
ALBU015	14300	3.9	-1.3	40	7	3.8	0.3
ALBU016	6700	3.1	-0.8	43	7	.	0.4
ALBU017	11700	3.9	-0.8	51	7	4.7	0.5
ALBU018	11000	2.8	-0.8	19	4	.	0.3
ALBU019	.	.	.	.	.	.	.
ALBU020	10600	5.0	-1.4	46	7	.	.
ALBU021	18800	2.9	-0.8	37	5	3.5	0.3
ALBU022	25500	5.4	-0.8	46	7	-2.0	0.4
ALBU023	4500	2.3	-0.8	25	4	.	.
ALBU024	14800	7.6	-0.8	60	9	4.2	0.6
ALBU025	9700	6.3	4.2	70	9	7.1	0.7
ALBU026	8900	5.7	-1.5	49	8	4.6	0.4
ALBU027	2000	3.2	-0.8	32	4	.	0.3
ALBU028	6000	6.6	-1.0	70	11	3.9	0.5
ALBU029	5200	7.4	1.9	115	19	2.8	0.5
ALBU030	5600	1.8	-1.1	22	3	.	.
ALBU031	10500	2.9	-0.8	.	4	.	.
ALBU032	5200	11.8	.	166	23	3.9	0.9
ALBU033	7900	1.1	.	138	20	7.3	0.9
ALBU034	4000	4.8	-0.8	49	7	-2.0	0.5
ALBU035	6300	-1.0	.	23	.	.	.
ALBU036	7600	7.7	.	84	14	3.3	0.7
ALBU037	9200	3.6	1.4	43	7	.	0.4
ALBU038	.	.	.	.	.	.	.

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALBU039	14100	-1.0	-0.8	76	12	-2.0	0.5
ALBU040	.	.	.	.	.	.	.
ALBU041	6500	8.5	.	94	16	6.6	0.7
ALBU042	4400	4.8	-0.8	60	8	5.6	0.6
ALBU043	3000	2.2	-0.8	22	3	.	-0.2
ALBU044	5700	4.2	-1.1	63	11	2.2	0.3
ALBU045	7300	6.0	1.8	89	12	5.0	0.4
ALBU046	8000	6.3	.	74	12	3.3	0.6
ALBU047	11200	15.9	.	184	28	9.1	1.7
ALBU052	6700	5.0	.	50	7	3.1	0.5
ALBU053	8000	10.7	3.0	133	26	11.2	1.1
ALBU054	7100	5.3	.	50	8	3.1	0.5
ALBU055	8000	4.3	-0.8	33	6	-2.0	0.3
ALBU056	7200	4.3	-0.8	50	9	.	0.4
ALBU057	13000	8.8	-0.8	110	17	2.6	0.4
ALBU058	6700	4.1	-0.8	36	6	3.8	0.6
ALBU059	5800	5.2	-0.8	64	11	5.3	0.5
ALBU067	4300	4.0	.	42	5	2.6	0.5
ALBU068	4100	4.4	-0.8	37	6	5.4	0.5
ALBU069	6300	6.6	-0.8	69	11	.	0.5
ALBU070	37500	2.9	-0.8	26	4	.	0.5
ALBU071	8500	14.6	.	147	22	9.1	1.2
ALBU072	6900	6.5	.	72	10	3.1	0.6
ALBU073	7200	10.7	-1.6	116	20	5.2	1.2
ALCH001	25200	8.3	2.4	192	36	18.2	8.0
ALCH002	22000	9.9	3.6	428	60	60.1	14.3
ALCH003	29400	5.5	1.1	93	9	17.9	6.8
ALCH004	22800	2.1	-0.8	-18	21	12.6	.
ALCH005	72400	1.3	2.8	.	-4	35.3	8.0
ALCH007	41900	4.5	-0.8	33	15	.	8.7
ALCH008	26300	1.5	2.0	-19	.	.	3.1
ALCH009	38600	6.2	2.1	68	-4	20.9	5.9
ALCH010	31800	6.5	-1.3	129	30	19.2	8.5
ALCH011	45500	-1.0	-0.8	.	-4	10.6	.
ALCH012	30500	18.6	5.8	215	68	60.1	20.8
ALCH013	29900	4.9	3.9	32	13	16.5	13.3
ALCH014	30800	30.1	2.4	395	151	129.5	53.0
ALCH015	31200	12.9	4.4	127	20	42.8	16.2
ALCH016	49200	6.6	1.1	211	28	29.1	11.9
ALCH018	36500	7.7	-1.5	106	16	36.6	8.9
ALCH019	40200	5.6	-1.3	103	25	34.7	13.7
ALCH020	23000	14.0	1.6	120	20	55.8	15.7
ALCH021	30400	2.1	-1.2	138	17	35.2	.
ALCH023	20100	13.4	-0.8	129	7	49.5	18.1
ALCH024	19000	27.6	2.9	159	59	147.9	60.4
ALCH025	40600	2.2	2.3	.	-4	49.6	4.3
ALCH026	18300	3.3	3.4	81	10	23.0	6.4
ALCH027	38100	1.1	-0.8	28	-4	26.2	3.6
ALCH029	18700	5.4	-1.2	68	17	28.5	.
ALCH044	11700	9.6	-0.8	232	33	49.0	16.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALCH046	34000	6.2	4.5	77	29	50.0	16.7
ALCH047	12500	7.6	-1.1	-10	-2	36.7	7.9
ALCH048	23400	18.1	1.1	412	76	103.0	23.4
ALCH049	28400	2.7	-0.8	80	.	13.5	.
ALCH050	33700	2.1	-0.8	63	-2	19.4	2.6
ALCH051	29400	33.3	1.4	60	-2	21.5	6.4
ALCH052	30300	3.0	-0.8	81	-2	71.2	8.5
ALCH053	25800	6.2	1.8	128	27	35.8	9.8
ALCH054	16900	15.1	-0.8	-10	25	11.0	7.2
ALCH055	41700	-1.0	-0.9	60	11	21.8	2.6
ALCH057	41400	-1.0	1.4	.	-2	-2.0	-0.3
ALCH058	26000	7.2	-0.8	95	-2	24.5	7.7
ALCH059	45600	4.7	2.6	56	9	23.7	5.2
ALCH061	42700	1.8	1.8	75	21	21.1	5.0
ALCH062	24900	1.9	1.0	.	8	18.3	3.3
ALCH063	35200	4.8	6.0	150	18	21.5	6.2
ALCH064	27000	8.9	3.7	172	15	37.5	11.9
ALCH065	26900	3.0	3.3	91	36	41.9	6.3
ALCH066	35000	-1.0	-0.8	.	-2	.	.
ALCH067	20500	2.6	1.9	101	16	19.8	3.8
ALCH068	48500	2.5	1.4	.	9	.	5.2
ALCH069	10900	4.7	2.3	411	85	45.2	.
ALCH070	21000	9.5	4.6	-10	32	54.1	10.8
ALCH071	37900	3.1	-0.9	149	16	.	13.2
ALCH072	21300	20.3	3.4	209	61	75.1	18.1
ALCH073	33600	3.7	1.2	.	17	42.9	11.3
ALCH074	42700	7.2	3.7	.	28	22.5	12.8
ALCH075	28400	5.2	8.4	104	20	18.5	6.5
ALCH076	31400	2.6	1.8	75	7	-2.0	7.9
ALCH078	24900	9.2	3.3	124	39	47.0	11.2
ALCH080	58100	-1.0	-1.0	.	.	9.5	-0.2
ALCH094	37700	7.1	1.5	.	-2	.	.
ALCH095	35400	9.8	-0.8	.	-2	.	.
ALCH096	54800	4.6	1.6	.	43	.	.
ALCH097	50300	6.7	3.6	.	93	.	.
ALCH098	38000	8.2	3.3	.	-2	.	.
ALCH099	42800	11.4	1.2	.	-2	.	.
ALCH101	52300	4.8	1.7	-10	-2	.	.
ALCH102	42400	4.3	-0.8	.	-2	.	.
ALEL068	24400	-1.7	3.9	-10	-2	-2.0	0.6
ALEL069	22000	5.5	.	25	7	-2.0	0.6
ALEL071	49100	5.6	-1.3	21	3	2.3	0.5
ALEL072	.	.	-1.5	.	-2	-2.0	0.8
ALEL078	.	.	4.9	.	.	-2.0	0.7
ALEL079	27200	12.6	-1.3	112	36	10.2	0.5
ALEL080	.	.	.	37	.	5.9	0.4
ALEL081	12900	6.7	1.2	113	14	4.9	0.7
ALEL082	14800	.	-0.8	21	.	-2.0	-0.2
ALEL084	33900	6.3	-0.8	13	4	3.2	0.5
ALEL108	8000	16.6	4.3	167	21	9.5	1.6

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
AL109	16600	18.4	.	214	56	7.5	1.3
AL110	37800	7.7	2.5	107	15	4.7	0.7
AL111	20900	3.2	-0.8	49	9	-2.0	0.8
AL112	16800	5.4	-1.6	37	5	2.5	0.5
AL113	15800	3.8	2.3	62	8	2.1	0.5
AL114	13700	2.2	.	.	14	.	.
AL115	19700	19.2	.	102	19	8.0	1.2
AL116	13800	4.9	-0.8	115	14	7.4	1.0
AL117	17900	14.3	.	227	27	9.9	1.3
AL118	17000	8.4	.	56	16	5.3	0.4
AL119	14300	9.8	.	100	14	3.1	0.6
AL120	17100	7.1	-1.6	117	10	-2.0	0.9
ALLE001	.	.	-1.5	.	.	8.1	1.5
ALLE002	51800	27.2	.	24	5	10.0	1.9
ALLE003	.	.	-0.8	91	14	13.3	2.8
ALLE004	45400	10.6	-0.8	22	7	11.6	1.8
ALLE005	.	.	.	21	.	18.8	2.1
ALLE006	46600	.	.	.	.	4.7	0.8
ALLE007	46500	6.6	1.1	-10	2	4.7	0.8
ALLE008	49500	4.6	.	14	5	7.9	1.0
ALLE009	.	.	2.2	28	.	5.3	1.2
ALLE010	37300	4.9	-0.8	28	9	-2.0	0.5
ALLE011	.	.	3.9	46	.	-2.0	0.8
ALLE012	15900	12.2	2.3	56	20	8.0	1.1
ALLE013	70300	.	-0.8	31	7	11.6	1.7
ALLE014	50300	6.3	.	36	11	10.3	1.4
ALLE015	44400	7.8	-1.0	43	9	11.7	1.6
ALLE016	48100	15.1	-0.8	23	13	5.4	0.9
ALLE017	22700	10.4	3.4	128	31	4.9	0.9
ALLE018	36500	31.7	3.6	178	55	14.7	2.8
ALLE020	26100	14.4	.	84	22	11.3	1.1
ALLE022	40500	20.7	3.8	114	34	10.2	1.8
ALLE023	.	.	7.7	157	.	15.1	2.6
ALLE024	13100	16.5	-1.1	98	17	8.1	1.2
ALLE025	.	.	6.8	.	.	19.9	3.5
ALLE026	16700	10.9	2.7	109	19	13.3	1.8
ALLE027	19600	84.3	3.8	312	115	44.1	6.6
ALLE028	31300	30.3	2.9	164	48	19.4	2.5
ALLE029	47900	21.0	.	326	63	.	.
ALLE030	61900	4.4	-1.2	60	13	7.4	1.2
ALLE031	36800	7.0	-0.8	28	6	5.1	0.8
ALLE032	22600	33.8	3.9	223	76	20.6	2.9
ALLE033	.	.	2.5	.	.	3.2	1.2
ALLE034	33600	27.6	.	124	48	14.2	1.8
ALLE035	.	.	.	150	.	12.5	2.2
ALLE036	31000	61.1	2.7	338	113	31.9	5.0
ALLE037	17200	13.8	.	111	30	8.0	1.1
ALLE038	.	.	-0.9	138	.	21.7	3.1
ALLE039	.	.	3.5	.	.	9.3	1.6
ALLE040	29900	7.0	.	37	7	-2.9	0.4

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY

1X2 DEGREE SHEET

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THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

11:16 MONDAY, JUNE 15, 1981

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SRL I.D.      AL      DY      EU      LA      SM      YB      LU
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ALLE041      27900      4.7      1.6      50      8      3.8      -0.2
ALLE042      12800      34.5     7.4      507     63     20.6     3.4
ALLE043      40200      17.5      .      78      13     11.0     1.9
ALLE044      51700      9.2      1.8      51      10     9.9      1.2
ALLE045      27000      25.3     -1.6     97      31     14.9     1.8
ALLE046      43400      29.7     -1.5     198     62     8.7      3.2
ALLE047      26600      47.7     2.7     267     41     27.9     4.4
ALLE048      19100      15.1     -0.8     57      21     19.5     1.9
ALLE049      31300      9.8      1.9      51      15     7.1      1.0
ALLE050      15400      .      .      .      .      7.6      1.5
ALLE051      62400      5.7     -0.9     28      8      3.0      0.5
ALLE052      .      .      .      78      .      10.3     1.3
ALLE053      12600      20.2     2.1     165     45     22.6     3.4
ALLE054      7900      54.2     9.1     416     69     77.2    10.9
ALLE055      13200      28.6     2.7     179     52     16.8     2.8
ALLE056      21200      13.9     3.8     330     64     16.3     1.6
ALLE059      46400      18.7     2.8     132     33     7.1      1.1
ALLE060      11500      20.7      .      226     59     5.5      1.6
ALLE061      7200      5.2     -1.2     45      15     -2.0     -0.2
ALLE062      .      .      -0.8     .      11     -2.0     0.9
ALLE064      34300      .      3.8     189     .      17.6     2.7
ALLE065      33600      122.6    14.8     654     90     41.8     5.3
ALLE066      43900      .      8.8     426     50     35.8     4.5
ALLE067      36400      45.5     3.2     218     85     21.1     2.7
ALLE068      .      .      5.7     .      -2     24.1     5.0
ALLE069      62700      11.5     2.5     53      13     -2.0     0.6
ALLE070      24400      26.3     3.4     294     62     23.5     3.0
ALLE071      .      .      -1.3     52      .      8.2      0.9
ALLE072      24000      36.3     1.8     219     25     19.6     4.0
ALLE073      .      .      -0.8     31      5     -2.0     0.5
ALLE074      17000      23.7      .      139     43     15.7     2.1
ALLE075      .      .      .      .      .      18.4     2.2
ALLE076      58800      19.3     2.5     80      12     9.8      1.7
ALLE077      .      .      1.2     35      .      4.3      0.3
ALLE078      49100      6.9     -1.0     15      6      3.1      0.5
ALLE079      .      .      .      96     14     10.2     2.1
ALLE080      18000      79.0     6.1     566    144     39.3     5.6
ALLE081      .      .      1.9     .      .      8.2      1.2
ALLE082      84700      -1.0      .      26      4     -2.0     0.3
ALLE083      .      -1.0     12.4     .      -2     49.9     8.0
ALLE084      9200      .      4.4     .      .      13.1     2.4
ALLE085      16800      18.4      .      253     66     9.6      1.4
ALLE086      16000      59.6      .      347    104     28.3     3.2
ALLE087      .      .      8.8     .      .      61.1     8.4
ALLE088      27200      16.6     1.4     106     18     7.3      1.4
ALLE089      .      .      .      155     .      8.4      1.3
ALLE090      36400      4.9      1.8     56      8      3.6      0.6
ALLE091      29000      38.8     6.0     226     59     15.6     2.7
ALLE092      .      .      -1.4     10      .      -2.0     0.5
ALLE093      33300      .      .      12      .      -2.0     0.3

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TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALLE094	35700	9.4	2.9	70	11	7.6	1.0
ALLE095	.	.	-0.8	30	.	4.2	0.6
ALLE096	46200	6.0	2.4	15	5	3.1	0.5
ALLE097	.	.	.	106	.	12.5	1.1
ALLE100	138000	11.3	.	65	8	4.4	0.3
ALLE101	.	.	.	130	.	-2.0	-0.2
ALLE102	.	.	-1.0	.	.	5.3	1.0
ALLE103	71400	.	4.8	.	.	7.3	0.8
ALLE104	29300	-1.7	2.9	132	18	11.8	2.6
ALMA001	16300	42.2	4.8	863	94	21.0	2.8
ALMA002	13300	11.8	-0.8	275	30	9.1	1.6
ALMA003	11200	18.6	2.8	212	31	5.6	1.6
ALMA004	16200	10.8	2.4	124	16	7.7	0.8
ALMA005	15700	6.2	-0.8	70	13	.	0.7
ALMA006	19600	17.6	-0.8	317	27	12.7	1.5
ALMA007	20300	11.3	2.1	95	15	3.9	1.5
ALMA008	.	12.0	.	75	16	-2.0	0.8
ALMA009	13200	17.4	-1.6	266	31	19.3	1.3
ALMA010	.	7.7	.	.	.	.	.
ALMA011	58300	10.0	-0.8	67	10	5.9	1.1
ALMA012	14400	6.7	-0.8	-12	8	5.0	1.1
ALMA013	.	48.2	6.4	464	81	18.4	3.1
ALMA014	21700	35.6	6.4	352	45	-2.0	2.4
ALMA015	12500	32.6	4.7	538	59	19.8	2.6
ALMA016	26300	7.8	1.9	60	13	4.7	0.6
ALMA017	14300	6.2	-0.8	95	12	4.3	0.7
ALMA018	22600	15.5	2.6	268	27	-2.0	1.1
ALMA019	.	12.5	-0.8	250	26	5.6	0.9
ALMA020	11500	4.4	-0.8	36	7	.	0.3
ALMA021	19000	2.7	-0.8	17	4	2.9	0.5
ALMA022	11100	8.2	-0.9	123	11	-2.0	0.4
ALMA023	19400	2.0	1.9	272	4	.	.
ALMA024	12400	4.6	1.9	53	7	-2.0	.
ALMA025	29900	6.8	-0.8	59	10	.	0.6
ALMA026	.	5.2	1.4	271	14	-2.0	0.3
ALMA027	15 00	6.1	.	80	9	3.8	0.7
ALMA028	14000	8.6	4.5	37	8	.	0.9
ALMA029	4600	12.6	-0.8	70	8	-2.0	.
ALMA030	.	11.3	.	201	21	5.6	0.8
ALMA031	5700	4.0	-1.0	48	7	-2.0	0.7
ALMA032	4900	10.1	1.7	164	19	.	1.2
ALMA033	10100	6.0	-0.8	195	10	5.5	.
ALMA034	14000	7.9	-0.8	96	13	5.2	0.7
ALMA035	16200	15.9	-0.8	221	16	.	0.8
ALMA036	19100	47.6	6.3	1047	103	24.0	3.1
ALMA037	.	61.4	5.6	1182	124	17.1	3.1
ALMA038	26600	8.4	1.0	56	12	5.1	0.7
ALMA039	7700	10.2	-0.8	160	10	7.1	0.8
ALMA040	.	3.1	-0.8	37	5	.	0.2
ALMA041	8100	4.0	2.9	82	9	-2.0	0.5

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

79

11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALMA042	6800	11.0	3.3	240	28	-2.0	1.5
ALMA043	13400	8.6	-0.8	84	13	-2.0	0.5
ALMA044	11500	6.5	-0.9	75	7	-2.0	.
ALMA045	6800	3.8	-0.8	29	5	.	.
ALMA046	10100	2.6	2.5	37	4	-2.0	.
ALMA047	5900	2.6	-0.8	90	5	-2.0	-0.2
ALMA048	11600	5.3	-0.8	78	9	-2.0	0.4
ALMA049	21900	4.4	-0.8	183	5	-2.0	0.5
ALMA050	11900	4.7	1.7	43	6	-2.0	0.5
ALMA051	18700	9.3	-0.8	125	18	-2.0	1.1
ALMA052	9900	4.7	1.6	35	8	.	.
ALMA053	1600	3.5	.	33	4	.	.
ALMA054	7200	8.3	-0.8	212	12	6.1	0.6
ALMA055	7300	2.8	-0.8	49	5	3.2	.
ALMA056	24600	44.5	5.0	538	79	16.9	2.1
ALMA057	7900	3.3	-1.5	-12	2	-2.0	.
ALMA058	24800	1.3	-0.8	16	4	.	.
ALMA059	13900	2.5	-0.8	54	4	.	0.6
ALMA060	11500	2.6	-0.8	59	5	-2.0	.
ALMA061	15300	4.1	-0.8	38	3	-2.0	0.6
ALMA062	5700	8.0	1.3	146	12	.	1.1
ALMA063	.	2.2	2.6	20	5	.	.
ALMA064	7800	16.1	1.4	159	20	.	1.0
ALMA065	35100	4.4	-0.8	29	6	-2.0	0.5
ALMA066	.	3.2	-0.8	127	3	-2.0	-0.2
ALMA067	.	6.1	.	72	8	6.3	1.0
ALMA068	17100	4.5	-0.8	51	7	-2.0	.
ALMA069	19600	8.5	2.9	86	8	10.5	0.8
ALMA070	9000	3.0	-0.8	27	4	-2.0	-0.2
ALMA071	.	3.1	-0.8	105	6	-2.0	0.5
ALMA072	24000	5.0	-0.8	45	7	-2.0	0.8
ALMA073	.	5.6	-0.8	126	4	-2.0	.
ALMA074	.	4.5	-0.8	46	6	.	0.4
ALMT019	8000	12.9	1.4	248	28	-2.0	0.8
ALMT084	43300	6.1	1.7	59	8	-2.0	0.5
ALPK065	5700	12.1	2.3	146	21	11.7	1.5
ALPK066	6200	7.0	.	89	13	8.7	0.6
ALRU001	18000	8.1	.	.	.	.	.
ALRU002	25100	-1.0	-0.8	136	6	-2.0	0.4
ALRU003	19800	22.1	3.1	328	31	-2.0	2.3
ALRU004	36400	8.2	2.0	550	21	-2.0	1.9
ALRU005	12300	51.2	8.4	1203	119	18.0	3.2
ALRU006	9900	36.3	5.8	776	71	-2.0	2.0
ALRU007	8600	13.0	1.5	253	25	.	0.7
ALRU008	11800	45.6	5.5	946	85	-2.0	2.9
ALRU009	11500	27.4	2.6	517	45	-2.0	1.9
ALRU010	19100	7.9	-0.8	64	10	-2.0	.
ALRU011	19100	8.4	1.0	134	10	-2.0	0.5
ALRU012	9900	23.9	3.9	433	47	-2.0	1.8
ALRU013	9000	4.3	1.2	54	7	-2.0	.

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

80

11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALRU014	8100	4.5	-0.8	55	7	-2.0	.
ALRU015	6100	8.1	-0.8	140	15	-2.0	1.2
ALRU016	10600	8.7	-0.8	209	15	-2.0	.
ALRU017	6200	1.8	-0.8	.	4	-2.0	.
ALRU018	4700	7.7	-0.8	118	12	-2.0	0.8
ALRU019	25600	8.1	-0.8	111	12	-2.0	.
ALRU020	9500	21.7	2.2	447	36	30.5	2.0
ALRU021	9400	4.8	-0.8	54	6	-2.0	-0.2
ALRU022	13100	9.0	-0.8	147	15	-2.0	0.8
ALRU023	14000	5.7	-0.8	.	5	-2.0	.
ALRU024	47500	12.1	.	232	20	-2.0	.
ALRU025	41800	11.7	2.5	.	19	-2.0	.
ALRU026	7900	47.4	7.0	889	95	-2.0	1.8
ALRU027	23300	10.0	1.4	173	16	-2.0	0.9
ALRU028	9400	10.2	1.9	96	15	-2.0	-0.2
ALRU029	9900	3.1	-0.8	-16	6	-2.0	.
ALRU030	9200	23.6	1.9	399	38	-2.0	2.0
ALRU031	98100	-1.0	.	.	.	.	.
ALRU032	39300	7.8	.	.	6	-2.0	-0.2
ALRU033	9600	14.0	-0.8	223	17	-2.0	0.8
ALRU034	6000	16.0	-0.8	206	24	-2.0	1.6
ALRU035	8300	11.6	-0.8	184	16	-2.0	0.6
ALRU036	7100	-1.0	1.4	-10	.	-2.0	0.4
ALRU037	37300	6.0	-0.8	.	7	-2.0	.
ALRU038	12300	7.8	-0.8	127	13	-2.0	.
ALRU039	6300	-1.0	.	.	.	.	.
ALRU040	3100	12.9	.	.	.	.	.
ALRU041	7200	14.1	1.9	226	26	.	0.9
ALRU042	5000	6.0	-0.8	76	8	-2.0	-0.2
ALRU043	32500	7.5	-0.8	.	6	-2.0	-0.2
ALRU044	16000	4.0	-0.8	54	4	-2.0	-0.2
ALRU045	19500	7.7	1.5	132	12	-2.0	.
ALRU046	-1000	7.5	-0.8	133	10	-2.0	-0.2
ALRU047	6900	7.0	1.3	110	12	-2.0	-0.2
ALRU048	15100	2.1	-0.8	52	3	-2.0	.
ALRU049	9600	3.6	-0.8	85	6	-2.0	.
ALRU050	57000	12.4	1.3	.	6	-2.0	.
ALRU051	11300	6.2	-0.8	71	9	-2.0	-0.2
ALRU052	45600	7.5	-0.8	.	6	.	0.7
ALRU053	8700	4.0	-0.8	39	4	-2.0	.
ALRU054	17100	5.2	-0.8	81	8	-2.0	-0.2
ALRU055	6100	16.5	-0.8	273	28	30.5	1.5
ALRU056	9000	7.9	1.1	91	10	-2.0	0.5
ALRU057	6200	5.9	1.5	81	9	-2.0	0.6
ALRU058	.	.	.	.	.	.	.
ALRU059	9800	10.5	1.5	130	14	-2.0	.
ALRU060	5700	19.5	2.2	374	35	-2.0	1.8
ALRU061	11100	7.4	-0.8	108	11	-2.0	.
ALRU062	8600	11.6	-0.8	195	21	-2.0	-0.2
ALRU063	9600	23.2	2.6	391	42	-2.0	1.9

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

81

11:16 MONDAY, JUNE 15, 1981

SRL I.D.

	AL	DY	EU	LA	SM	YB	LU
ALRU064	18000	3.4	-0.8	64	5	-2.0	-0.2
ALRU065	7600	6.6	-0.8	68	8	-2.0	.
ALRU066	8400	2.8	-0.8	42	7	-2.0	-0.2
ALRU067	10600	21.3	3.2	430	37	-2.0	0.7
ALRU068	7300	6.7	.	68	9	-2.0	.
ALRU069	2300	-1.0	-0.8	11	-2	-2.0	-0.2
ALRU070	10400	14.7	1.2	148	21	-2.0	0.8
ALRU071	5100	3.8	1.0	51	6	.	-0.2
ALRU072	5700	7.9	-0.8	110	12	-2.0	-0.2
ALRU073	15200	5.5	0.9	66	9	-2.0	.
ALRU074	3100	5.5	-1.0	81	7	-2.0	-0.2
ALRU075	22000	6.3	2.1	.	10	-2.0	-0.2
ALRU076	3200	2.9	2.1	31	5	-2.0	-0.2
ALRU077	12200	10.1	0.9	188	17	-2.0	-0.2
ALRU078	28400	4.7	-0.8	.	4	-2.0	.
ALRU079	5600	9.1	1.4	91	12	-2.0	0.6
ALTP001	45300	5.9	4.3	79	38	29.4	9.4
ALTP002	30400	8.7	3.0	110	27	27.9	10.7
ALTP003	29300	2.9	-0.8	44	15	26.1	9.9
ALTP005	20700	44.4	4.2	332	110	227.4	71.6
ALTP006	23600	4.8	1.5	85	22	33.9	9.5
ALTP007	58500	5.5	2.3	147	42	27.5	8.3
ALTP008	44500	8.1	1.6	162	30	39.6	10.4
ALTP009	47100	5.6	2.5	69	29	28.8	9.6
ALTP010	43100	10.9	-0.8	77	49	18.9	5.6
ALTP011	22700	3.7	2.6	183	30	23.8	3.1
ALTP012	20300	1.4	1.8	82	16	14.0	2.2
ALTP013	30900	3.9	3.5	127	37	-2.0	4.6
ALTP014	44200	-1.0	-0.8	33	-2	.	2.8
ALTP015	16000	4.2	1.7	213	41	41.1	11.2
ALTP016	14700	2.3	3.0	82	-2	7.8	-0.2
ALTP018	21100	3.0	2.1	90	28	32.8	16.2
ALTP019	17700	1.6	3.1	-20	5	.	2.1
ALTP020	28800	2.7	3.9	130	38	10.7	6.5
ALTP021	30900	-1.0	-0.8	44	5	17.7	.
ALTP022	59900	-1.0	-0.9	21	6	.	-0.4
ALTP023	13600	4.9	1.3	33	11	37.0	9.1
ALTP025	12500	-1.0	-0.8	94	31	15.1	4.3
ALTP026	11900	1.6	-0.8	11	3	11.6	4.1
ALTP044	8800	3.3	2.1	.	-2	-2.2	11.2
ALTP046	20300	2.2	1.8	.	63	.	.
ALTP047	30800	1.9	-0.9	290	-2	-3.9	9.8
ALTP049	7200	4.7	-0.8	-10	69	-2.0	.
ALTP050	19900	1.0	-0.8	.	-2	-2.2	.
ALTP051	14800	1.7	-1.2	66	-2	.	.
ALTP052	38500	5.1	1.1	.	41	.	.
ALTP053	16300	4.2	1.7	.	10	17.1	4.4
ALTP054	24100	4.8	2.4	100	33	33.9	10.4
ALTP055	9300	.	-0.8	-20	-2	17.3	.
ALTP056	9800	1.8	-0.8	.	15	.	.

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

82

11:16 MONDAY, JUNE 15, 1981

SRL I.D.	AL	DY	EU	LA	SM	YB	LU
ALTP057	15000	5.3	1.5	147	19	9.7	-0.3
ALTP058	26500	10.0	11.3	395	106	60.6	7.4
ALTP059	40300	1.9	-0.8	88	-3	.	.
ALTP060	41000	1.3	4.8	112	27	11.2	.
ALTP061	20300	2.5	-0.8	-10	6	.	.
ALTP062	27900	2.4	2.4	254	32	23.5	3.2
ALTP063	17300	10.7	7.9	343	50	41.4	7.9
ALTP064	43200	7.2	2.5	350	70	18.8	5.6
ALTP065	68500	15.7	5.7	294	45	46.1	4.9
ALTP067	34700	3.3	4.7	263	59	18.5	5.6
ALTP068	26100	3.0	-0.8	-10	-2	14.3	2.7
ALTP069	59500	.	0.9	94	-2	20.8	.
ALTP070	55800	13.3	4.3	90	27	59.7	15.4
ALTP071	22000	7.8	6.9	156	67	65.3	18.4
ALTP072	55400	3.1	4.9	109	10	37.7	7.4
ALTP073	29000	13.5	3.3	-16	17	34.7	11.3
ALTP074	59000	1.8	-0.8	87	16	.	.
ALTP075	32400	3.2	1.2	.	-3	31.6	5.6
ALTP077	47400	6.0	-0.8	-10	10	24.7	7.6
ALTP078	18600	3.9	2.3	-10	8	24.6	4.9
ALTP079	18600	17.2	5.0	582	117	77.9	17.2
ALTP080	53500	3.5	4.2	43	-2	20.0	6.7
ALTP081	33000	.	3.2	70	-3	24.0	5.1
ALTP082	42400	9.1	5.0	46	7	18.7	4.9
ALTP083	36600	11.7	-0.8	67	.	46.3	15.5
ALTP084	7300	3.8	2.1	40	2	12.0	2.0
ALTP085	30400	2.4	1.4	151	24	17.3	4.1
ALTP087	23800	5.5	0.9	97	42	-2.0	3.0
ALTP089	44000	4.6	2.3	124	16	20.1	6.9
ALTP091	4700	2.4	-0.8	82	13	12.5	4.1
ALTP092	14400	14.3	3.2	427	75	45.2	8.9
ALTP093	43500	.	-0.9	47	-2	30.2	.
ALTP094	27800	1.1	0.8	.	12	10.5	2.5
ALTP095	59100	.	-0.8	.	6	16.0	.
ALTP096	38900	-1.0	-0.8	17	4	.	2.6
ALTP097	47400	.	-0.8	.	-3	.	.
ALTP098	.	.	.	.	.	.	.
ALTP099	.	.	.	.	.	.	.
ALTP100	.	.	.	.	.	.	.
ALTP101	20300	3.7	1.8	.	47	.	.
ALTP102	38000	2.1	1.1	.	-2	.	.
ALTP105	16000	1.1	1.9	.	-3	.	.
ALTP108	13900	11.3	2.2	.	210	.	.
ALTP109	38800	3.2	-0.8	.	-3	.	.
ALTP110	24800	1.2	1.9	-10	40	.	.
ALTP111	20500	1.4	-0.8	.	100	.	.
ALTP112	24500	3.0	3.2	.	-3	.	.
ALTP113	38600	.	0.9	.	-3	.	.
ALTP115	63200	1.1	-0.8	.	-3	.	.
ALTP117	41600	.	-0.8	.	-3	.	.

TABLE B-2 SUPPLEMENTARY FIELD AND ANALYTICAL DATA-- PHENIX CITY
THE FOLLOWING ELEMENTAL CONCENTRATIONS ARE IN PPM

1X2 DEGREE SHEET

83

11:16 MONDAY, JUNE 15, 1981

SRL I.D.

AL

DY

EU

LA

SM

YB

LU

ALTP118

57900

1.8

1.1

.

.

.

.

ALTP119

41100

1.7

-0.8

.

-4

.

57.7

ALTP120

13000

-1.0

-0.8

.

-3

.

.

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

84

11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMPDATE	TEAM	S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W
			D	E	T	T	T	T	T	T	E	E	E	E	O	O	O	O	O	A
*****	*****	*****	T	C	M	M	M	M	M	M	G	G	L	A	P	N	N	N	N	T
			P	O	D	D	F	L	C	C	T	D	I	T	O	A	A	A	A	E
*****	*****	*****	E	R	H	H	W	W	R	L	P	N	F	R	S	I	N	N	N	M
GACH022S1	8/23/78	362	4	1	4	1	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GACH023S1	8/23/78	362	4	6	9	9	6	1	6	3	2	4	2	1	5	.	.	.	.	M
GACH024S1	8/24/78	362	4	1	5	2	2	3	1	1	2	4	2	1	5	.	.	.	5	M
GACH025S1	8/24/78	362	4	6	6	4	2	3	3	1	7	5	2	1	5	.	.	.	.	M
GACH026S1	8/24/78	362	4	1	5	2	3	3	1	1	3	4	2	1	5	.	.	.	.	M
GACH027S1	8/24/78	362	4	1	7	4	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GACH028S1	8/24/78	362	6	4	6	3	1	2	3	1	2	4	2	1	5	.	.	.	.	M
GACH029S1	8/24/78	362	4	6	5	2	1	2	1	1	7	4	2	1	5	.	.	.	.	M
GACH030S1	8/24/78	362	4	6	9	9	6	1	6	1	2	4	2	1	5	.	.	.	.	M
GACH031S1	8/24/78	362	4	6	4	1	2	2	1	1	7	4	2	1	5	.	.	.	.	M
GACH032S1	8/24/78	362	4	5	5	2	2	3	3	1	7	4	2	1	5	.	.	.	.	M
GACH033S1	8/24/78	362	4	6	6	2	3	2	1	1	2	4	2	1	5	.	.	.	.	M
GACH034S1	8/25/78	362	4	4	3	1	2	2	3	1	5	3	2	1	5	.	.	.	.	M
GACH035S1	8/25/78	362	4	1	9	9	6	1	6	1	1	4	2	1	5	.	.	.	.	M
GACH036S1	8/25/78	362	4	7	4	2	2	2	3	1	7	4	2	1	5	.	.	.	6	M
GACH037S1	8/25/78	362	4	6	8	4	1	2	3	1	5	3	2	1	5	.	.	.	.	M
GACH038S1	8/25/78	362	4	6	3	1	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GACH039S1	8/25/78	362	4	1	9	9	6	1	6	1	7	4	2	1	5	.	.	.	.	M
GACH040S1	8/25/78	362	4	1	5	2	3	2	1	1	2	3	2	1	5	.	.	.	.	M
GACH041S1	8/26/78	362	4	1	4	2	2	2	1	1	7	3	2	1	5	.	.	.	.	M
GACH042S1	8/26/78	362	4	6	5	4	2	3	3	1	5	5	2	1	5	.	.	.	.	M
GACH043S1	8/26/78	362	4	1	7	4	3	3	2	1	2	4	2	1	5	.	.	.	.	M
GACH044S1	8/26/78	362	4	1	9	9	6	1	6	1	2	3	2	1	5	.	.	.	.	M
GACH045S1	8/26/78	362	4	1	4	2	3	2	2	1	2	5	2	1	5	.	.	.	.	M
GACH046S1	8/26/78	362	7	6	8	4	2	2	2	1	5	2	2	1	5	.	.	.	.	M
GACH047S1	8/26/78	362	4	6	4	2	2	2	2	1	2	3	2	1	5	.	.	.	.	M
GACH048S1	9/ 3/78	362	4	7	5	4	2	2	3	1	5	4	2	2	5	.	.	.	.	M
GACH049S1	9/ 3/78	362	4	7	4	2	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH050S1	9/ 3/78	362	4	1	5	2	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH051S1	9/ 3/78	362	4	6	4	2	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GACH052S1	9/ 3/78	362	4	1	5	2	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH053S1	9/ 3/78	362	4	1	4	1	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH054S1	9/ 3/78	362	4	6	5	3	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH101S1	8/20/78	362	4	6	6	4	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GACH102S1	8/20/78	362	4	1	9	9	6	1	6	1	3	3	2	1	5	.	.	.	.	M
GACH103S1	8/20/78	362	4	6	5	3	2	2	3	1	2	4	2	1	5	.	.	.	.	M
GACH104S1	8/20/78	362	4	6	5	3	2	3	3	1	5	5	2	1	5	.	.	.	.	M
GACH105S1	8/20/78	362	4	6	4	1	3	2	3	1	7	5	2	1	5	.	.	.	.	M
GACH106S1	8/20/78	362	4	6	4	1	3	3	1	1	7	5	2	1	5	.	.	.	.	M
GACH107S1	8/20/78	362	4	6	4	1	2	2	1	1	7	5	2	1	5	.	.	.	.	M
GACH108S1	8/20/78	362	4	1	5	3	2	3	1	1	5	4	2	1	5	.	.	.	.	M
GACH109S1	8/20/78	362	4	6	8	3	2	3	2	1	5	4	2	1	5	.	.	.	.	M
GACH110S1	8/20/78	362	4	1	5	4	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GACH111S1	8/20/78	362	4	1	5	4	2	2	3	1	2	3	2	2	5	.	.	.	.	M
GACH112S1	8/20/78	362	4	1	4	1	2	2	1	1	2	4	2	2	5	.	.	.	.	M
GACH113S1	8/20/78	362	4	6	4	3	2	2	1	1	2	4	2	2	5	.	.	.	.	M
GACH114S1	8/20/78	362	4	6	3	1	2	2	1	1	2	4	2	2	5	.	.	.	.	M
GACH115S1	8/20/78	362	4	1	9	9	6	1	6	1	2	3	2	2	5	.	.	.	.	M
GACH116S1	8/23/78	362	4	1	8	2	2	3	1	1	5	5	2	1	5	.	.	.	.	M
GACH117S1	8/23/78	362	4	1	5	2	2	2	1	1	2	5	2	1	5	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

11:16 MONDAY, JUNE 15, 1981

85

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P
GACH118S1	8/23/78	362	4	1	4	2	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GACH119S1	8/23/78	362	4	1	4	1	3	2	1	1	2	3	2	1	5	.	.	.	.	M
GACH120S1	8/23/78	362	4	1	4	2	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GACH121S1	8/23/78	362	4	6	4	2	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GACR001S1	6/ 8/76	3	4	6	5	2	3	3	1	1	2	3	2	1	10	.	.	.	.	M
GACR002S1	6/ 8/76	3	4	4	5	3	4	3	3	2	2	3	2	2	5	.	.	.	.	M
GACR003S1	6/ 4/76	3	5	6	4	3	3	3	4	1	2	4	3	2	5	.	.	.	.	M
GACR004S1	6/ 7/76	3	5	6	6	4	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GACR005S1	6/ 7/76	3	4	6	6	4	3	3	3	1	2	3	2	1	5	.	.	.	.	M
GACR006S1	6/ 7/76	3	4	6	5	3	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GACR012S1	6/ 7/76	3	4	6	3	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GACR013S1	6/ 4/76	3	4	6	6	4	3	4	4	1	4	3	2	3	5	.	.	.	.	M
GACR014S1	6/ 4/76	3	4	6	6	3	4	4	2	1	2	4	2	3	10	.	.	.	.	M
GACR015S1	6/ 4/76	3	4	6	6	5	3	4	2	1	2	3	1	3	8	.	.	.	.	M
GACR016S1	6/ 3/76	3	4	6	6	4	2	3	3	1	2	3	2	2	10	.	.	6	9	M
GACR017S1	6/ 3/76	3	4	6	6	3	2	3	3	1	2	3	2	3	8	.	.	.	.	M
GACR018S1	6/ 3/76	3	4	6	6	4	2	3	2	1	2	4	2	1	25	.	.	.	.	M
GACR019S1	6/ 3/76	3	4	6	5	3	3	3	1	1	2	4	2	2	15	.	.	.	5	M
GACR021S1	6/ 3/76	3	4	6	6	2	3	3	4	1	2	3	2	1	5	.	.	.	.	M
GACR022S1	6/ 4/76	3	5	6	4	3	3	4	4	1	2	4	2	2	16	.	.	.	.	M
GACR023S1	6/ 3/76	3	4	6	6	4	3	3	1	1	2	3	1	2	9	.	.	.	.	M
GACR024S1	6/ 4/76	3	5	7	6	4	4	4	4	1	2	3	1	4	10	.	.	.	.	M
GACR025S1	7/ 8/76	3	4	6	3	1	3	3	1	1	2	3	3	1	5	.	.	.	.	M
GACR026S1	6/ 8/76	3	4	6	6	4	2	3	3	1	2	3	2	1	5	.	.	.	.	M
GACR027S1	6/ 8/76	3	4	6	6	4	1	3	4	1	3	3	2	1	5	.	.	.	.	M
GACR028S1	6/ 5/76	3	4	6	5	4	3	3	1	1	2	4	2	2	6	.	.	.	.	M
GACR029S1	6/ 5/76	3	7	7	6	4	2	3	4	1	2	3	2	1	5	.	.	.	.	M
GACR030S1	6/ 5/76	3	4	6	4	4	2	3	4	1	2	3	2	1	5	.	.	.	.	M
GACR031S1	6/ 5/76	3	4	6	6	4	3	3	1	1	2	3	2	2	5	.	.	.	.	M
GACR032S1	6/ 5/76	3	4	6	6	3	3	3	3	1	2	3	2	2	5	.	.	.	.	M
GACR033S1	6/ 5/76	3	4	6	4	2	3	3	1	1	2	3	2	2	10	.	.	.	.	M
GACR046S1	6/ 5/76	3	5	7	5	4	3	3	2	1	2	3	2	1	10	.	.	.	.	M
GACR056S1	6/ 5/76	3	7	7	2	2	3	3	2	1	2	3	1	1	5	.	.	.	.	M
GACR061S1	6/ 5/76	3	4	6	6	3	3	3	2	1	2	3	2	2	5	.	.	6	9	M
GACR064S1	6/ 8/76	3	4	1	4	3	3	3	3	1	2	3	2	1	8	.	.	.	.	M
GAHS001S1	6/24/76	45	4	6	3	3	3	3	1	1	2	3	3	1	6	.	.	.	6	M
GAHS004S1	6/24/76	45	4	6	6	4	3	3	3	1	2	3	2	1	8	.	.	.	6	M
GAHS005S1	6/25/76	45	4	6	4	3	2	3	4	1	2	2	3	1	6	.	.	.	6	M
GAHS006S1	6/24/76	45	4	6	5	3	3	3	1	1	2	2	3	1	11	.	.	.	6	M
GAHS007S1	6/24/76	45	4	6	7	3	2	3	4	1	2	2	2	1	10	.	.	.	6	M
GAHS008S1	6/24/76	45	4	6	6	3	3	3	1	1	2	2	3	1	7	.	.	.	6	M
GAHS009S1	6/25/76	45	4	4	5	4	2	3	1	1	2	3	3	1	8	.	.	.	6	M
GAHS010S1	6/24/76	45	5	6	5	3	3	3	3	1	2	2	2	1	13	.	.	.	6	M
GAHS011S1	6/24/76	45	6	7	5	4	2	3	4	1	2	3	2	1	6	.	.	.	6	M
GAHS012S1	6/25/76	45	4	6	5	1	3	3	1	1	2	3	3	1	7	.	.	.	6	M
GAHS013S1	6/17/76	2	2	6	5	3	3	3	2	2	2	4	2	1	11	.	.	.	6	M
GAHS014S1	6/24/76	45	4	6	6	2	3	3	1	1	2	3	3	1	12	.	.	.	.	M
GAHS015S1	6/24/76	45	4	6	5	4	2	3	3	1	3	3	3	1	15	.	.	.	6	M
GAHS016S1	6/24/76	45	4	6	5	2	3	3	2	1	2	3	3	1	9	.	.	.	.	M
GAHS017S1	6/24/76	45	4	6	6	4	3	3	3	1	2	3	3	1	11	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET
11:16 MONDAY, JUNE 15, 1981

86

SRL I.D.	SAMPDATE	TEAM	S D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	W A T E R T E M P
GAHS018S1	6/25/76	45	5	6	5	3	3	3	1	1	2	2	3	1	9	.	.	.	.	6	M
GAHS020S1	6/18/76	2	4	6	5	2	3	3	2	1	2	5	2	1	11	.	.	.	.	6	M
GAHS021S1	6/17/76	2	4	6	6	4	3	3	2	1	2	5	3	1	8	.	.	.	.	.	M
GAHS022S1	6/17/76	2	4	4	5	3	3	3	1	1	2	4	3	1	12	.	.	.	.	.	M
GAHS023S1	6/17/76	2	5	7	5	2	3	3	2	2	2	5	3	1	9	.	.	.	.	.	M
GAHS024S1	6/17/76	2	2	6	6	3	3	3	2	2	2	5	3	1	9	.	.	.	.	6	M
GAHS025S1	6/24/76	45	4	6	7	2	2	3	1	1	2	2	2	1	8	.	.	.	.	6	M
GAHS027S1	6/17/76	2	4	6	6	4	3	3	3	1	2	2	3	1	7	.	.	.	.	.	M
GAHS028S1	6/24/76	45	4	6	5	3	2	3	1	1	2	3	2	1	6	.	.	.	.	6	M
GAHS031S1	6/25/76	45	4	6	5	3	3	3	1	1	2	3	3	1	7	.	.	.	.	6	M
GAHS033S1	6/25/76	45	4	7	5	2	3	3	2	1	2	2	3	1	7	.	.	.	.	6	M
GAHS034S1	6/25/76	45	4	6	5	3	3	3	1	1	2	2	3	1	7	.	.	.	.	6	M
GAHS035S1	6/25/76	45	4	1	5	3	2	3	1	1	2	2	3	1	10	.	.	.	.	6	M
GAHS036S1	6/25/76	45	4	6	6	3	3	3	1	1	2	2	3	1	5	.	.	.	.	6	M
GAHS037S1	6/25/76	45	4	4	5	3	3	3	2	1	2	2	3	1	11	.	.	.	.	6	M
GAHS038S1	6/25/76	45	4	6	4	3	3	3	1	1	2	2	2	1	11	.	.	.	.	6	M
GAHS039S1	6/25/76	45	4	6	5	3	3	3	3	1	2	3	2	1	13	.	.	.	.	.	M
GAHS040S1	6/25/76	45	4	6	5	2	3	3	1	1	2	3	3	1	7	.	.	.	.	.	M
GAHS041S1	6/18/76	2	3	6	6	3	3	3	3	1	2	3	3	1	8	.	.	.	.	.	M
GAHS042S1	6/25/76	45	5	4	4	3	3	3	1	1	2	3	3	1	8	.	.	.	.	.	M
GAHS043S1	6/24/76	45	4	6	7	4	3	3	1	1	2	2	3	1	8	.	.	.	.	6	M
GAHS044S1	6/25/76	45	4	6	5	4	3	3	1	1	2	3	2	1	5	.	.	.	.	6	M
GAHS045S1	6/25/76	45	4	6	5	2	2	3	2	1	2	3	2	1	5	.	.	.	.	.	M
GAHS046S1	6/25/76	45	4	1	5	4	2	3	1	1	2	3	2	1	8	.	.	.	.	6	M
GAHS047S1	6/25/76	45	4	6	6	2	3	3	2	1	2	2	3	1	14	.	.	.	.	.	M
GAHS048S1	6/18/76	2	4	6	5	2	2	3	2	1	6	3	2	1	10	.	.	8	.	6	M
GAHS049S1	6/18/76	2	5	1	6	4	2	3	3	1	2	3	3	1	13	.	.	.	.	6	M
GAHS050S1	6/25/76	45	4	6	5	4	3	3	1	1	2	3	2	1	6	.	.	.	.	6	M
GAHS051S1	6/26/76	45	3	1	6	1	4	3	1	1	2	4	3	1	19	.	.	.	.	.	M
GAHS052S1	6/18/76	2	4	6	6	3	3	3	1	1	2	2	3	1	17	.	.	.	.	9	M
GAHS053S1	6/18/76	2	4	6	7	3	3	3	2	1	2	4	2	1	8	.	.	.	.	6	M
GAHS054S1	6/26/76	45	3	6	7	4	2	3	4	1	1	2	2	1	13	.	.	.	.	6	M
GAHS055S1	6/18/76	2	4	6	6	4	3	3	2	1	2	3	2	1	6	.	.	.	.	.	M
GAHS056S1	6/18/76	2	4	6	6	3	3	3	2	1	2	5	2	2	8	.	.	.	.	6	M
GAHS057S1	6/18/76	2	5	6	6	4	2	3	3	1	2	3	3	1	12	.	.	.	.	.	M
GAHS059S1	6/26/76	45	4	6	5	3	3	3	1	1	2	4	4	1	6	.	.	.	.	.	M
GAHS060S1	6/18/76	2	5	6	7	4	2	3	4	1	2	5	2	2	10	.	.	.	.	6	M
GAHS062S1	6/17/76	2	4	6	6	3	3	3	3	2	2	2	3	2	12	.	.	.	.	6	M
GAHS063S1	6/17/76	2	3	6	6	4	3	3	2	2	2	4	3	2	10	.	.	.	.	6	M
GAHS064S1	6/17/76	2	3	6	6	4	4	3	2	2	2	3	2	1	9	.	.	.	.	.	M
GAHS065S1	6/17/76	2	4	4	6	4	3	3	3	1	2	2	3	1	13	.	.	.	.	6	M
GAHS066S1	6/25/76	45	4	1	5	4	2	3	1	1	2	5	3	1	9	.	.	.	.	.	M
GAHS067S1	6/18/76	2	4	6	6	3	3	3	3	1	2	3	3	1	15	.	.	.	.	.	M
GAHS068S1	6/17/76	2	2	1	5	2	3	3	1	2	2	2	4	1	17	.	.	.	.	.	M
GAHS070S1	6/17/76	2	2	3	6	3	4	3	2	2	2	4	3	1	8	.	.	.	.	A	M
GAHS071S1	6/26/76	45	4	6	5	3	3	3	1	1	2	2	3	1	7	.	.	.	.	A	M
GAHS072S1	6/18/76	2	6	4	2	1	2	3	3	1	2	5	2	1	5	.	.	.	.	.	M
GAHS073S1	6/17/76	2	2	6	6	4	3	3	2	2	2	4	3	1	9	.	.	.	.	.	M
GAHS074S1	6/18/76	2	2	6	6	4	3	3	3	2	2	4	3	2	20	.	.	.	.	B	M
GAHS075S1	6/18/76	2	3	6	6	3	2	3	3	1	2	3	3	2	10	.	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

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SRL I.D.	SAMPDATE	TEAM	SE D T P E	SE D C O L O R	ST M W I D T H	ST M D E P T H	ST M F L O W	ST M L E V E L	ST M C O L O R	ST M C H A N L	VE G T Y P E	VE G D E N S	RE L I E F	WE A T H E R	CO M P O S I T	CO N T A M I N 1	CO N T A M I N 2	CO N T A M I N 3	CO N T A M I N 4	W A T E R T E M P
GAHS076S1	6/18/76	2	6	7	6	4	2	3	3	1	2	2	2	2	9	.	.	.	6	M
GAHS077S1	6/18/76	2	4	6	6	4	3	3	2	1	2	4	3	2	8	.	.	.	6	M
GAHS078S1	6/17/76	2	3	6	6	3	3	3	2	2	2	5	3	1	9	.	.	.	6	M
GAHS079S1	6/17/76	2	4	6	5	2	2	3	1	1	2	3	3	1	8	.	.	.	6	M
GAHS080S1	6/17/76	2	4	6	5	2	3	3	2	1	6	3	3	1	17	.	.	.	6	M
GAHS081S1	6/17/76	2	4	6	6	3	3	3	2	1	2	3	3	1	14	.	.	.	.	M
GAHS082S1	6/17/76	2	4	6	5	3	2	3	2	1	2	5	2	1	11	.	.	.	6	M
GAHS083S1	6/17/76	2	6	7	6	4	1	3	4	1	2	4	3	1	21	.	.	.	.	M
GAHS084S1	6/24/76	45	5	6	5	4	1	3	6	1	2	2	2	1	7	.	B	A	6	M
GAHS085S1	6/25/76	45	4	6	7	4	2	3	4	1	2	4	3	1	9	.	.	.	.	M
GAHS086S1	6/25/76	45	4	6	5	3	3	3	1	1	2	3	3	1	17	.	.	.	.	M
GALA017S1	6/ 8/76	1	4	1	6	4	3	3	1	1	2	3	2	1	14	.	.	.	6	M
GALA034S1	6/ 8/76	1	4	1	5	3	3	3	2	1	2	3	2	1	10	.	.	.	6	M
GALA035S1	6/ 8/76	1	4	6	5	3	3	3	1	1	2	3	3	1	6	.	.	.	.	M
GALA036S1	6/ 8/76	1	4	1	5	4	3	3	3	2	2	2	2	1	9	.	.	.	6	M
GALA038S1	6/ 8/76	1	4	1	5	3	3	3	1	2	2	2	2	1	10	.	.	.	6	M
GAMA001S1	8/ 9/78	272	5	7	8	2	2	3	4	1	5	3	2	1	5	.	.	.	6	M
GAMA002S1	8/ 9/78	272	4	1	6	3	3	4	1	2	2	3	2	1	5	.	.	.	.	M
GAMA003S1	8/ 9/78	272	5	6	9	9	6	1	6	2	3	4	2	1	5	.	.	.	6	M
GAMA004S1	8/ 9/78	272	4	1	2	1	2	3	1	1	2	3	2	2	5	.	.	.	6	M
GAMA005S1	8/ 9/78	272	8	9	7	4	2	3	2	1	5	2	2	3	5	.	.	.	.	M
GAMA006S1	8/ 9/78	272	4	1	4	1	3	3	2	1	1	3	2	3	5	.	.	.	.	M
GAMA007S1	8/10/78	272	5	6	5	3	3	4	4	1	5	2	2	3	5	.	.	.	.	M
GAMA008S1	8/10/78	272	5	7	7	3	2	4	2	1	5	3	2	3	5	.	.	.	.	M
GAMA009S1	8/10/78	272	5	6	6	3	2	3	1	1	5	3	2	3	5	.	.	.	.	M
GAMA010S1	8/10/78	272	5	6	7	3	2	4	4	1	5	3	2	3	5	.	.	.	.	M
GAMA011S1	8/10/78	272	4	1	4	1	3	4	1	2	7	3	2	2	5	.	.	.	6	M
GAMA012S1	8/10/78	272	5	6	7	3	2	4	4	1	5	2	2	2	5	.	.	.	.	M
GAMA013S1	8/10/78	272	5	6	5	2	2	3	2	1	5	2	2	1	5	.	.	.	.	M
GAMA014S1	8/10/78	272	4	1	5	3	3	4	2	1	2	3	2	2	5	.	.	.	.	M
GAMA015S1	8/10/78	272	5	6	9	9	1	2	4	1	2	5	2	2	5	.	.	.	.	M
GAMA016S1	8/10/78	272	4	1	5	2	2	3	1	2	5	3	2	2	5	.	.	.	6	M
GAMA017S1	8/10/78	272	4	1	5	2	3	4	1	2	2	2	2	3	5	.	.	.	B	M
GAMA024S1	8/11/78	272	4	1	4	2	3	4	4	2	7	4	3	2	5	.	.	.	B	M
GAMA037S1	8/12/78	272	5	6	8	4	2	3	1	1	5	2	2	2	5	.	.	.	.	M
GAMA038S1	8/12/78	272	4	4	5	3	3	4	1	1	5	3	2	3	5	.	.	.	.	M
GAMA039S1	8/12/78	272	4	1	4	2	3	4	1	2	7	3	2	2	5	.	.	.	6	M
GAMA040S1	8/12/78	272	4	4	4	1	2	4	1	1	7	4	2	3	5	.	.	.	.	M
GAMA041S1	8/12/78	272	5	1	7	3	2	3	2	1	5	3	2	2	5	.	.	.	.	M
GAME021S1	6/16/76	2	4	1	6	3	3	3	2	1	6	4	3	1	10	.	.	.	A	M
GAME038S1	6/16/76	2	2	6	5	2	3	3	1	2	6	3	3	1	8	.	.	.	.	M
GAME056S1	6/15/76	2	4	6	6	3	3	3	3	1	2	3	3	1	11	.	.	.	6	M
GAME063S1	6/16/76	2	4	4	3	1	2	2	2	1	2	5	2	1	16	.	.	.	6	M
GAME064S1	6/16/76	2	4	6	6	4	2	3	2	1	2	3	3	1	10	.	.	.	6	M
GAME065S1	6/16/76	2	4	6	7	4	2	3	4	1	2	3	3	1	13	.	.	.	.	M
GAME066S1	6/16/76	2	4	4	4	9	6	1	6	1	2	3	3	1	11	.	.	.	6	M
GAME067S1	6/15/76	2	4	6	5	2	2	3	2	1	2	3	3	2	11	.	.	.	6	M
GAME069S1	6/15/76	2	4	4	5	3	3	3	4	1	2	3	3	1	8	.	.	.	6	M
GAME070S1	6/15/76	2	4	1	6	3	3	3	2	1	2	5	2	1	11	.	.	.	6	M
GAME071S1	6/15/76	2	5	6	5	3	3	3	2	1	2	4	2	1	10	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N 1	C O N T A M I N 2	C O N T A M I N 3	C O N T A M I N 4	C O N T A M I N 5	W A T E R T E M P E R A T U R E	
GAME072S1	6/15/76	2	4	6	6	2	3	3	1	1	2	2	3	3	1	11	.	.	.	6	M	M
GAME073S1	6/15/76	2	4	6	4	1	3	3	1	1	2	2	3	3	1	10	.	.	.	.	M	M
GAME074S1	6/15/76	2	4	1	6	4	4	3	2	2	2	2	2	2	1	11	.	.	.	6	M	M
GAME075S1	6/16/76	2	4	6	8	4	2	3	4	1	2	4	4	3	1	12	.	.	.	6	M	M
GAME076S1	6/16/76	2	4	6	6	3	3	3	2	1	2	5	2	1	10	.	.	.	.	M	M	
GAME077S1	6/15/76	2	4	6	5	2	3	3	2	1	1	4	2	1	9	.	.	.	6	M	M	
GAME078S1	6/15/76	2	4	6	6	4	3	3	2	1	2	3	3	1	5	.	.	.	6	M	M	
GAME079S1	6/15/76	2	4	6	6	4	2	3	1	1	5	3	2	1	6	.	.	.	8	6	M	
GAME080S1	6/16/76	2	2	6	6	3	3	3	2	1	2	4	2	1	11	.	.	.	8	6	M	
GAME081S1	6/15/76	2	4	6	6	3	4	3	1	1	2	3	3	1	14	.	.	.	.	6	M	
GAME082S1	6/15/76	2	5	4	4	1	2	3	3	1	2	2	3	1	4	.	.	.	.	6	M	
GAME083S1	6/15/76	2	4	6	4	2	3	3	2	2	6	4	2	1	10	.	.	.	.	6	M	
GAME084S1	6/15/76	2	4	6	5	2	3	3	2	1	2	5	2	1	9	.	.	.	.	.	M	
GAME085S1	6/16/76	2	5	6	5	3	2	3	2	1	2	4	3	1	21	.	.	.	.	6	M	
GAME086S1	6/16/76	2	4	5	5	4	3	3	3	1	2	3	3	1	7	.	.	.	.	.	M	
GAME087S1	6/16/76	2	4	4	5	3	2	3	3	1	2	3	3	1	14	.	.	.	.	.	M	
GAME088S1	6/16/76	2	4	6	6	3	3	3	2	2	2	5	2	1	8	.	.	.	.	.	M	
GAME090S1	6/16/76	2	4	6	4	2	3	3	2	1	2	5	2	1	9	.	.	.	.	6	M	
GAME091S1	6/16/76	2	4	6	6	2	2	3	1	1	2	3	3	1	9	.	.	.	.	.	M	
GAME092S1	6/16/76	2	4	6	7	4	2	3	4	1	2	3	3	1	17	.	.	.	.	.	M	
GAME093S1	6/16/76	2	4	4	4	2	3	3	2	1	2	3	3	1	10	.	.	.	.	6	M	
GAME094S1	6/16/76	2	4	6	5	2	2	3	3	1	2	3	3	1	8	.	.	.	.	.	M	
GAM0021S1	7/ 1/76	46	4	6	7	4	3	4	4	1	2	2	2	1	11	.	.	.	.	6	M	
GAM0037S1	6/12/76	3	4	6	5	2	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M	
GAM0055S1	6/12/76	3	4	6	7	3	3	3	4	1	2	4	2	1	5	.	.	.	.	.	M	
GAM0063S1	6/12/76	3	4	4	6	3	3	3	3	1	2	3	2	1	5	.	.	.	.	.	M	
GAM0064S1	6/15/76	3	5	6	6	4	2	3	3	1	2	4	2	2	5	.	.	.	.	.	M	
GAM0065S1	6/12/76	3	4	4	5	3	3	3	3	1	2	4	2	1	5	.	.	.	.	.	M	
GAM0068S1	6/15/76	3	4	2	2	1	3	3	1	1	2	3	2	3	5	.	.	.	.	.	M	
GAMR001S1	8/ 4/78	362	4	1	6	3	1	2	3	1	2	4	1	2	5	.	.	.	.	5	M	
GAMR002S1	8/ 4/78	362	4	1	1	1	2	2	1	1	2	4	2	2	5	.	.	.	.	.	M	
GAMR003S1	8/ 4/78	362	4	1	6	4	2	3	2	1	2	4	2	1	5	.	.	.	.	.	M	
GAMR004S1	8/ 4/78	362	4	4	6	4	2	3	2	1	5	3	2	2	5	.	.	.	.	.	M	
GAMR005S1	8/ 4/78	362	4	1	4	1	2	3	1	1	3	5	2	2	5	.	.	.	.	.	M	
GAMR006S1	8/ 4/78	362	4	6	5	3	2	3	1	1	2	2	2	2	5	.	.	.	.	.	M	
GAMR007S1	8/ 4/78	362	7	4	2	2	2	2	4	1	3	5	2	2	5	.	.	.	.	.	M	
GAMR008S1	8/ 4/78	362	4	1	2	2	2	2	1	1	1	2	2	2	5	.	.	.	.	6	M	
GAMR009S1	8/ 4/78	362	4	1	6	3	2	3	2	1	2	5	2	2	5	.	.	.	.	.	M	
GAMR010S1	8/ 4/78	362	4	6	6	3	2	3	1	1	3	5	2	1	5	.	.	.	.	6	M	
GAMR011S1	8/ 4/78	362	4	1	9	9	6	1	6	3	3	3	2	3	5	.	.	.	.	6	M	
GAMR012S1	8/ 4/78	362	4	7	8	4	2	3	3	1	5	3	2	2	5	.	.	.	.	.	M	
GAMR013S1	8/ 5/78	362	6	4	6	4	1	2	4	1	2	4	2	1	5	.	.	.	.	.	M	
GAMR014S1	8/ 5/78	362	5	1	5	2	1	2	4	1	3	5	2	1	5	.	.	.	.	.	M	
GAMR015S1	8/ 5/78	362	6	4	3	1	1	2	4	1	2	5	5	2	10	.	.	.	.	.	M	
GAMR016S1	8/ 5/78	362	7	6	6	4	2	3	4	1	5	5	2	2	5	.	.	.	.	.	M	
GAMR017S1	8/ 5/78	362	4	1	5	1	2	3	3	2	4	4	2	1	5	.	.	.	.	6	M	
GAMR018S1	8/ 5/78	362	4	1	9	9	6	1	6	1	2	4	2	1	5	.	.	.	.	.	M	
GAMR019S1	8/ 5/78	362	4	1	4	3	2	3	2	1	2	5	2	1	5	.	.	.	.	.	M	
GAMR020S1	8/ 5/78	362	4	1	9	9	6	1	6	1	2	4	2	1	5	.	.	.	.	.	M	
GAMR021S1	8/ 5/78	362	4	1	8	4	2	3	2	1	5	5	2	1	5	.	.	.	.	.	M	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

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SRL I.D.	SAMP	DATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N G E	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	W A T E R T E M P
GAMR022S1	8/	5/78	362	4	1	6	4	3	3	2	1	5	5	2	1	5	.	.	.	.	.	M
GAMR023S1	8/	5/78	362	4	1	9	9	6	1	6	1	7	3	2	1	5	.	.	.	.	.	M
GAMR024S1	8/	5/78	362	4	4	9	9	6	1	6	1	3	5	2	1	5	.	.	.	.	.	M
GAMR025S1	8/	5/78	362	4	1	9	9	6	1	6	1	7	5	2	1	5	.	.	.	.	.	M
GAMR026S1	8/	5/78	362	4	1	6	4	2	3	2	1	2	5	2	1	5	.	.	.	.	.	M
GAMR027S1	8/	6/78	362	4	6	9	9	6	1	6	3	1	3	2	2	5	.	.	.	.	.	M
GAMR028S1	8/	6/78	362	4	1	9	9	6	1	6	3	2	3	2	2	5	.	.	.	.	.	M
GAMR029S1	8/	6/78	362	4	1	9	9	6	1	6	3	4	3	2	2	5	.	.	.	.	6	M
GAMR030S1	8/	6/78	362	4	1	9	9	6	1	6	3	7	4	2	2	5	.	.	.	.	5	M
GAMR031S1	8/	6/78	362	4	1	3	3	2	3	2	1	5	3	2	2	5	.	.	.	.	6	M
GAMR032S1	8/	6/78	362	4	6	9	9	6	1	6	3	7	4	2	2	5	.	.	.	.	.	M
GAMR033S1	8/	6/78	362	4	1	8	3	1	3	2	1	5	4	2	2	5	.	.	.	.	.	M
GAMR034S1	8/	6/78	362	4	6	3	2	1	2	4	1	2	5	2	2	5	.	.	.	.	.	M
GAMR035S1	8/	6/78	362	4	1	1	1	2	2	1	1	2	4	2	1	5	.	.	.	.	.	M
GAMR036S1	8/	6/78	362	4	1	4	1	2	2	1	1	7	4	2	3	5	.	.	.	.	6	M
GAMR037S1	8/	6/78	362	4	4	9	9	6	1	6	3	2	4	2	3	5	.	.	.	.	.	M
GAMR038S1	8/	6/78	362	4	1	5	2	2	2	1	1	2	3	2	3	5	.	.	.	.	.	M
GAMR039S1	8/	6/78	362	4	1	8	4	2	3	1	1	5	4	2	3	5	.	.	.	.	.	M
GAMR040S1	8/	6/78	362	4	1	8	4	2	3	2	1	5	5	2	3	5	.	.	.	.	.	M
GAMR041S1	8/	6/78	362	4	1	9	9	6	1	6	3	2	3	2	3	5	.	.	.	.	.	M
GAMR042S1	8/	6/78	362	4	1	2	1	2	3	1	1	1	4	2	2	5	.	.	.	.	.	M
GAMS001S1	6/	9/76	2	4	6	6	4	2	3	4	1	2	4	2	1	13	.	.	8	.	6	M
GAMS002S1	6/	9/76	2	4	6	7	4	2	3	4	1	2	3	2	1	11	.	.	.	.	6	M
GAMS003S1	6/	9/76	2	4	6	3	1	3	3	1	1	2	3	2	1	13	.	.	.	.	6	M
GAMS004S1	6/	9/76	2	4	6	7	4	2	3	3	1	1	4	3	1	8	.	.	6	6	6	M
GAMS005S1	6/	9/76	2	4	6	6	4	3	3	2	3	2	4	2	1	14	.	.	8	6	6	M
GAMS006S1	6/	9/76	2	4	6	6	3	3	3	2	1	2	3	2	1	7	.	.	.	6	6	M
GAMS008S1	6/	9/76	2	4	6	7	4	3	3	1	1	2	3	2	1	7	.	.	.	6	6	M
GAMS009S1	6/	9/76	2	4	6	6	3	2	3	2	1	2	4	2	1	13	.	.	6	6	6	M
GAMS010S1	6/	9/76	2	4	6	7	4	3	3	4	1	2	3	2	1	12	.	.	8	6	6	M
GAMS011S1	6/	9/76	2	4	6	5	3	2	2	2	1	5	4	2	1	10	.	.	.	6	6	M
GAMS012S1	6/	9/76	2	2	6	7	4	3	3	3	1	2	3	2	3	7	.	.	8	6	6	M
GAMS013S1	6/	9/76	2	4	6	6	4	3	3	3	3	2	4	2	3	16	.	.	.	.	8	M
GAMS014S1	6/	9/76	2	4	6	7	4	3	4	4	2	2	4	2	4	11	.	.	.	.	8	M
GAMS016S1	6/	9/76	2	4	6	6	3	2	3	3	1	2	3	2	1	8	.	.	.	.	.	M
GAMS017S1	6/	9/76	2	4	6	6	3	2	3	3	1	2	5	1	2	7	.	.	8	6	.	M
GAMS018S1	6/	9/76	2	4	6	7	4	3	3	3	1	2	3	2	2	9	.	.	.	.	.	M
GAMS019S1	6/	9/76	2	4	6	7	4	2	4	4	1	2	5	2	4	8	.	.	.	.	6	M
GAMS020S1	6/	11/76	2	4	1	6	4	4	3	2	1	2	3	2	1	17	.	.	.	.	.	M
GAMS021S1	6/	11/76	2	4	1	5	3	3	3	1	1	2	3	1	1	8	.	.	.	.	.	M
GAMS022S1	6/	11/76	2	4	1	8	2	3	3	2	1	5	4	2	1	8	.	.	.	.	.	M
GAMS023S1	6/	11/76	2	5	6	6	4	4	2	2	1	2	4	2	1	5	.	.	.	.	.	M
GAMS024S1	6/	11/76	2	5	6	4	3	4	3	2	1	2	3	2	1	7	.	.	.	.	.	M
GAMS025S1	6/	11/76	2	4	1	5	4	3	3	1	1	2	5	2	1	6	.	.	.	.	.	M
GAMS026S1	6/	10/76	2	3	1	3	1	3	3	1	1	2	3	2	2	11	.	.	.	.	4	M
GAMS027S1	6/	10/76	2	4	2	5	3	3	3	1	1	2	5	3	2	17	.	.	.	.	.	M
GAMS028S1	6/	11/76	2	4	1	4	3	4	3	1	1	2	4	2	1	12	.	.	.	.	.	M
GAMS029S1	6/	10/76	2	4	6	4	2	3	3	1	1	1	5	2	2	8	.	.	.	.	.	M
GAMS030S1	6/	11/76	2	4	1	5	3	3	3	1	1	2	5	2	1	11	.	.	.	.	.	M
GAMS031S1	6/	11/76	2	4	1	5	3	3	3	2	1	2	4	2	1	9	.	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET
11:16 MONDAY, JUNE 15, 1981

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***** ***** ***** SRL I.D. ***** ***** *****	SAMP	DATE	TEAM	S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W
				E	E	T	T	T	T	T	T	E	E	E	E	O	O	O	O	O	A
				D	D	M	M	M	M	M	M	G	G	L	A	M	M	M	M	M	T
				T	C	W	D	F	L	C	C	T	D	I	T	P	A	A	A	A	E
*****				P	O	I	P	O	V	O	H	P	E	F	H	S	I	N	N	N	R
				E	R	H	H	W	E	R	L										
GAMS032S1	6/11/76	2	4	4	1	6	4	3	3	3	1	2	5	3	1	12	.	.	.	.	M
GAMS033S1	6/11/76	2	4	4	6	5	4	2	3	2	1	2	3	2	1	14	.	.	.	.	M
GAMS034S1	6/11/76	2	4	4	1	5	3	3	3	1	1	2	4	4	2	9	.	.	.	.	M
GASC001S1	8/ 7/78	362	4	4	1	4	1	1	2	4	1	4	4	2	3	5	.	.	.	6	M
GASC002S1	8/ 7/78	362	4	4	1	4	3	2	3	1	1	2	4	2	3	5	.	.	.	.	M
GASC003S1	8/ 7/78	362	8	6	6	4	4	2	3	4	1	2	4	2	2	5	.	.	.	.	M
GASC004S1	8/ 7/78	362	4	1	5	3	2	3	3	1	1	2	5	2	3	5	.	.	.	.	M
GASC005S1	8/ 7/78	362	3	6	4	3	3	3	3	1	1	2	5	2	2	5	.	.	.	.	M
GASC006S1	8/ 7/78	362	4	1	4	3	2	3	3	1	1	2	5	2	2	5	.	.	.	.	M
GASC007S1	8/ 7/78	362	4	6	6	5	2	3	3	4	1	2	3	2	2	5	.	.	.	.	M
GASC008S1	8/ 7/78	362	4	1	5	2	2	2	3	2	1	2	5	2	2	5	.	.	.	.	M
GASC009S1	8/ 7/78	362	4	1	4	2	2	3	3	1	1	2	4	2	2	5	.	.	.	.	M
GASC010S1	8/ 7/78	362	4	1	5	3	2	3	3	1	1	2	5	2	2	5	.	.	.	.	M
GASC011S1	8/ 8/78	362	7	8	8	4	2	3	3	4	1	5	5	2	1	5	.	.	.	.	M
GASC012S1	8/ 8/78	362	7	8	5	4	2	3	3	3	1	2	5	2	2	5	.	.	.	.	M
GASC013S1	8/ 8/78	362	4	6	6	4	2	3	3	2	1	2	4	2	2	5	.	.	.	.	M
GASC014S1	8/ 8/78	362	4	1	5	3	3	3	3	1	1	2	4	2	1	5	.	.	.	.	M
GASC015S1	8/ 8/78	362	4	6	4	2	2	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GASC016S1	8/ 8/78	362	4	1	4	1	2	3	3	1	1	2	4	2	1	5	.	.	.	.	M
GASC017S1	8/ 8/78	362	4	1	5	1	3	3	3	1	1	2	4	2	2	5	.	.	.	.	M
GASC018S1	8/ 8/78	362	4	4	4	3	2	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GASC019S1	8/ 8/78	362	4	1	4	2	2	3	3	1	1	2	5	2	1	5	.	.	.	.	M
GASC020S1	8/ 8/78	362	6	7	8	5	2	4	3	3	1	5	4	2	1	5	.	.	.	.	M
GASC021S1	8/ 8/78	362	4	6	5	4	3	4	4	4	1	5	3	2	1	5	.	.	.	6	M
GASC022S1	8/ 8/78	362	4	1	4	1	3	3	3	1	1	2	5	2	1	5	.	.	.	.	M
GASU001S1	8/10/78	362	4	1	8	5	2	3	3	2	1	5	2	2	1	5	.	.	.	.	M
GASU002S1	8/10/78	362	4	6	8	5	2	3	3	4	1	5	2	2	1	5	.	.	.	.	M
GASU003S1	8/10/78	362	4	6	4	2	3	3	3	1	1	2	5	2	2	5	.	.	.	.	M
GASU013S1	8/10/78	362	4	6	5	3	3	3	3	3	1	2	4	2	2	10	.	.	.	.	M
GASU014S1	8/10/78	362	4	6	5	4	2	3	3	6	1	2	4	2	3	5	.	.	.	.	M
GASU015S1	8/10/78	362	7	6	8	4	2	3	3	4	1	5	3	2	2	5	.	.	.	.	M
GASU016S1	8/11/78	362	4	4	5	3	3	3	3	1	1	2	4	2	2	5	.	.	.	.	M
GASU017S1	8/11/78	362	4	1	5	3	2	3	3	1	1	2	5	2	2	5	.	.	.	.	M
GASU018S1	8/11/78	362	4	4	3	2	1	2	3	3	1	7	5	2	2	5	.	.	.	.	M
GASU019S1	8/11/78	362	4	1	8	5	2	5	4	4	1	2	4	2	2	5	.	.	.	.	M
GASU020S1	8/11/78	362	8	6	8	5	3	5	3	3	1	2	4	2	2	5	.	.	.	.	M
GASU021S1	8/11/78	362	4	1	5	4	3	4	4	4	1	2	4	2	2	5	.	.	.	.	M
GASU022S1	8/11/78	362	4	1	5	3	2	4	4	4	1	3	4	2	2	5	.	.	.	.	M
GASU023S1	8/11/78	362	7	6	8	4	2	4	3	3	1	5	4	2	3	5	.	.	.	.	M
GASU024S1	8/11/78	362	4	6	5	4	2	3	3	4	1	2	4	2	2	5	.	.	.	.	M
GASU025S1	8/11/78	362	4	6	6	2	1	2	3	1	1	2	5	2	2	5	.	.	.	.	M
GASU026S1	8/11/78	362	4	1	4	3	3	3	3	2	1	2	5	2	3	5	.	.	.	.	M
GASU027S1	8/11/78	362	7	8	7	5	3	4	4	4	1	3	4	2	2	5	.	.	.	.	M
GASU028S1	8/11/78	362	4	4	3	3	1	2	4	2	7	5	5	2	2	5	.	.	.	.	M
GASU029S1	8/11/78	362	4	1	4	3	3	3	3	3	1	7	5	2	2	5	.	.	.	.	M
GASU030S1	8/11/78	362	4	6	6	4	2	5	4	4	1	2	5	2	4	5	.	.	.	.	M
GASU031S1	8/11/78	362	4	1	6	5	2	4	3	3	1	2	4	2	1	5	.	.	.	.	M
GASU037S1	8/13/78	362	4	4	2	1	2	3	3	1	1	2	4	2	1	5	.	.	.	.	M
GASU038S1	8/13/78	362	4	4	6	4	3	3	3	1	1	3	4	2	1	5	.	.	.	.	M
GASU039S1	8/13/78	362	4	6	5	1	2	2	2	1	1	2	5	2	1	5	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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SRL I.D.

SAMPDATE TEAM

	S	S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W	
	E	E	T	T	T	T	T	T	T	E	E	E	E	C	C	C	C	C	A	
	D	D	M	M	M	M	M	M	M	G	G	L	A	O	O	O	O	O	T	
	T	C	W	D	F	L	C	C	C	T	D	I	T	P	A	A	A	A	R	
	P	O	I	E	L	V	O	H	A	Y	N	F	H	S	I	M	M	M	T	
	E	R	H	H	W	E	R	L	N	P	S		E		T	N	N	N	E	
GASU040S1	8/13/78	362	4	1	4	1	2	2	1	1	3	5	2	1	5	.	.	.	6	M
GASU041S1	8/13/78	362	4	1	5	4	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GASU042S1	8/13/78	362	4	6	5	4	2	3	3	1	2	5	2	1	5	.	.	.	.	M
GASU045S1	8/13/78	362	4	6	9	9	6	1	6	3	7	4	2	1	5	.	.	.	6	M
GASU046S1	8/13/78	362	4	6	6	3	2	3	2	1	2	4	2	1	5	.	.	.	6	M
GASU049S1	8/13/78	362	6	4	4	2	2	3	1	1	2	5	2	1	5	.	.	.	.	M
GASU050S1	8/13/78	362	6	4	2	1	2	2	4	1	2	5	2	1	5	.	.	.	.	M
GASU051S1	8/13/78	362	4	4	4	3	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GASU052S1	8/13/78	362	4	1	5	4	2	3	2	1	5	3	2	6	5	.	.	.	.	M
GASU053S1	8/13/78	362	4	4	4	1	1	2	3	1	2	4	2	6	5	.	.	.	.	M
GASW001S1	7/18/78	362	4	1	4	3	2	2	4	1	5	3	2	1	5	.	.	.	.	M
GASW002S1	7/18/78	362	4	1	1	1	2	2	1	2	3	3	2	1	5	.	.	.	.	M
GASW003S1	7/18/78	362	4	1	4	3	2	2	4	2	2	4	2	1	5	.	.	.	.	M
GASW004S1	7/18/78	362	4	1	5	4	2	2	4	1	1	4	2	1	5	.	.	.	.	M
GASW005S1	7/18/78	362	4	1	4	4	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GASW006S1	7/18/78	362	4	1	4	1	2	2	1	2	2	5	2	1	5	.	.	.	.	M
GASW007S1	7/18/78	362	4	1	4	2	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GASW008S1	7/18/78	362	4	1	5	1	2	2	1	1	2	5	2	1	5	.	.	.	.	M
GASW009S1	7/18/78	362	4	1	4	3	2	2	1	2	2	5	2	1	5	.	.	.	.	M
GASW010S1	7/18/78	362	4	1	4	3	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GASW011S1	7/19/78	362	4	1	5	1	2	2	1	1	2	4	2	2	5	.	.	.	.	M
GASW012S1	7/19/78	362	4	1	6	4	2	4	4	2	2	3	2	2	5	.	.	.	.	M
GASW013S1	7/19/78	362	4	1	4	1	1	2	4	1	3	4	1	2	5	.	.	.	6	M
GASW014S1	7/19/78	362	4	1	4	2	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GASW015S1	7/19/78	362	4	1	5	4	2	2	1	1	3	4	2	1	5	.	.	.	.	M
GASW016S1	7/19/78	362	4	1	4	3	2	2	1	1	3	4	2	1	5	.	.	.	.	M
GASW017S1	7/19/78	362	5	6	5	3	1	2	2	1	3	5	1	1	5	.	.	.	.	M
GASW018S1	7/19/78	362	3	1	2	5	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GASW019S1	7/19/78	362	4	1	4	2	2	2	1	1	3	5	2	1	5	.	.	.	.	M
GASW020S1	7/19/78	362	6	4	9	9	6	1	6	2	3	3	2	1	5	.	.	.	.	M
GASW021S1	7/19/78	362	6	4	5	4	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GASW022S1	7/19/78	362	5	4	5	4	2	2	1	1	2	5	2	1	5	.	.	.	.	M
GASW023S1	7/19/78	362	4	4	5	2	1	2	4	2	2	4	2	1	5	.	.	.	.	M
GASW024S1	7/19/78	362	4	1	5	1	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GASW025S1	7/19/78	362	4	6	8	4	2	3	1	1	2	5	2	1	5	.	.	.	.	M
GASW026S1	7/19/78	362	4	1	4	2	1	2	4	1	3	5	2	1	5	.	.	.	.	M
GASW027S1	7/20/78	362	4	6	4	3	1	2	4	1	2	4	2	1	5	.	.	.	.	M
GASW028S1	7/20/78	362	4	6	4	2	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GASW029S1	7/20/78	362	4	1	9	9	6	1	6	3	2	4	2	1	5	.	.	.	.	M
GASW030S1	7/20/78	362	4	1	9	9	6	1	6	3	2	4	2	1	5	.	.	.	.	M
GASW031S1	7/20/78	362	4	1	3	1	2	2	1	1	2	4	2	1	5	.	.	.	6	M
GASW034S1	7/21/78	362	4	1	5	2	2	2	1	1	2	5	2	1	5	.	.	.	.	M
GASW035S1	7/21/78	362	4	6	4	1	1	2	3	1	3	5	2	1	5	.	.	.	.	M
GASW036S1	7/21/78	362	6	4	7	4	2	2	4	1	3	2	2	1	5	.	.	.	.	M
GASW042S1	7/21/78	362	4	1	6	1	2	2	4	1	3	5	2	1	5	.	.	.	.	M
GASW043S1	7/21/78	362	4	6	5	4	2	2	4	1	2	5	2	1	5	.	.	.	.	M
GASW050S1	7/21/78	362	4	1	9	9	6	1	6	3	2	4	3	1	5	.	.	.	.	M
GASW051S1	7/21/78	362	4	6	4	2	1	2	4	1	3	4	2	1	5	.	.	.	.	M
GASW052S1	7/24/78	362	4	1	4	2	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GASW053S1	7/24/78	362	4	6	3	1	1	2	4	1	3	3	2	1	5	.	.	.	.	M

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TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P
GASW054S1	7/24/78	362	4	1	4	1	2	2	1	1	3	4	2	1	5	.	.	.	.	M
GASW055S1	7/24/78	362	4	1	4	1	1	2	1	1	3	2	2	1	5	.	.	.	6	M
GASW056S1	7/24/78	362	4	1	5	1	2	2	1	1	3	4	2	1	5	.	.	.	.	M
GASW057S1	7/24/78	362	5	6	4	2	1	2	4	1	2	3	2	1	5	.	.	.	.	M
GASW058S1	7/24/78	362	4	1	4	2	2	2	1	1	3	4	2	1	5	.	.	.	.	M
GASW059S1	7/24/78	362	4	6	5	4	2	2	4	1	3	4	2	1	5	.	.	.	.	M
GATA001S1	6/ 8/76	2	4	6	5	4	4	3	2	2	2	4	2	1	11	.	.	8	6	M
GATA002S1	6/ 8/76	2	4	6	5	3	3	3	2	1	2	3	2	1	16	.	.	.	.	M
GATA003S1	6/ 8/76	2	4	6	6	3	3	3	2	1	2	4	2	1	12	.	.	.	6	M
GATA004S1	6/ 8/76	2	5	6	6	4	3	3	4	1	2	3	2	1	12	.	.	.	6	M
GATA005S1	6/ 8/76	2	4	6	6	3	2	3	2	1	2	3	2	1	11	.	.	.	6	M
GATA006S1	6/ 3/76	2	5	6	5	3	2	3	3	1	4	3	2	2	9	.	.	.	6	M
GATA007S1	6/ 3/76	2	4	6	6	4	3	3	2	2	2	3	2	1	6	.	.	.	6	M
GATA008S1	6/ 3/76	2	5	6	7	3	2	3	2	1	2	3	2	1	6	.	.	.	.	M
GATA009S1	6/ 3/76	2	5	6	5	4	3	3	2	1	2	3	2	1	8	.	.	.	6	M
GATA010S1	6/ 5/76	2	4	6	5	4	3	3	2	1	2	3	2	1	12	.	.	.	6	M
GATA011S1	6/ 5/76	2	4	6	5	3	2	3	3	1	1	4	3	1	9	.	.	.	.	M
GATA012S1	6/ 5/76	2	4	6	7	4	4	4	2	2	2	5	2	2	7	.	.	.	A	M
GATA013S1	6/ 5/76	2	5	4	4	3	3	3	2	1	2	3	2	1	13	.	.	.	6	M
GATA014S1	6/ 7/76	2	4	6	6	3	3	3	3	1	2	3	2	1	13	.	.	.	6	M
GATA015S1	6/ 8/76	2	4	6	4	3	3	3	2	2	2	4	2	1	9	.	.	.	6	M
GATA016S1	6/ 8/76	2	4	6	5	2	3	3	1	1	2	3	2	1	8	.	.	.	.	M
GATA017S1	6/ 7/76	2	4	4	6	3	3	3	2	1	2	4	2	1	10	.	.	.	.	M
GATA018S1	6/ 7/76	2	4	6	7	4	3	3	3	1	2	3	2	1	6	.	.	.	.	M
GATA019S1	6/ 7/76	2	4	6	5	3	3	3	2	1	2	4	2	1	9	.	.	.	.	M
GATA020S1	6/ 7/76	2	4	6	6	3	3	3	1	1	2	3	2	1	8	.	.	.	6	M
GATA023S1	6/ 7/76	2	4	6	6	3	3	3	2	1	2	3	2	1	8	.	.	.	6	M
GATA024S1	6/ 7/76	2	4	6	5	3	3	3	2	1	2	3	2	1	11	.	.	.	6	M
GATA025S1	6/ 7/76	2	4	6	6	3	3	3	1	1	2	4	2	1	7	.	.	.	.	M
GATA026S1	6/ 8/76	2	5	8	8	5	1	3	5	1	5	4	1	1	21	.	.	.	6	M
GATA027S1	6/ 8/76	2	4	6	5	2	3	3	1	1	2	3	2	1	21	.	.	.	.	M
GATA028S1	6/ 5/76	2	4	6	6	4	2	4	2	1	2	4	2	1	12	.	.	.	6	M
GATA029S1	6/ 4/76	2	4	6	6	4	4	4	4	2	2	4	1	2	14	.	.	.	6	M
GATA030S1	6/ 5/76	2	4	6	5	3	3	4	3	2	2	4	2	3	6	.	.	.	6	M
GATA031S1	6/ 5/76	2	4	6	6	4	4	4	2	2	1	5	1	1	8	.	.	.	6	M
GATA032S1	6/ 5/76	2	4	6	6	4	3	4	2	1	2	3	2	1	6	.	.	.	6	M
GATA033S1	6/ 5/76	2	4	6	5	3	2	3	1	1	2	3	2	2	11	.	.	.	6	M
GATA034S1	6/ 5/76	2	4	6	6	3	3	3	2	1	2	5	1	1	8	.	.	.	6	M
GATA035S1	6/ 5/76	2	4	6	6	3	2	3	4	1	2	3	2	2	9	.	.	.	6	M
GATA036S1	6/ 5/76	2	4	6	6	4	3	4	4	1	2	3	2	1	8	.	.	.	6	M
GATA037S1	6/ 5/76	2	5	6	8	5	2	4	2	1	5	4	1	1	10	.	.	.	6	M
GATA038S1	6/ 5/76	2	4	6	5	4	3	4	4	1	2	3	2	1	12	.	.	.	6	M
GATA039S1	6/ 4/76	2	4	6	5	4	3	5	4	1	2	3	2	2	12	.	.	.	6	M
GATA040S1	6/ 4/76	2	4	1	6	4	5	4	2	2	2	3	2	2	11	.	.	6	3	M
GATA041S1	6/ 4/76	2	4	3	5	5	4	5	4	2	1	3	1	2	7	.	.	.	6	M
GATA043S1	6/ 5/76	2	4	6	5	3	3	4	2	1	2	3	2	2	11	.	.	.	6	M
GATA044S1	6/ 5/76	2	4	6	6	4	3	4	2	1	2	3	1	1	9	.	.	.	6	M
GATA045S1	6/ 7/76	2	4	6	5	3	4	3	1	2	2	4	2	1	7	.	.	.	6	M
GATA046S1	6/ 7/76	2	4	6	6	2	3	2	2	1	2	3	2	1	10	.	.	.	6	M
GATA047S1	6/ 7/76	2	4	6	5	3	3	3	3	1	2	3	2	1	16	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P	
GATA048S1	6/ 8/76	2	3	1	6	4	2	2	3	1	2	3	3	3	1	9	.	.	.	.	M
GATA049S1	6/ 4/76	2	4	6	5	3	4	5	4	1	2	4	3	3	3	11	.	.	.	.	M
GATA050S1	6/ 4/76	2	4	6	8	5	4	5	4	2	2	3	2	3	3	8	.	.	.	.	M
GATA051S1	6/ 4/76	2	4	7	5	4	4	4	3	2	2	3	2	3	3	15	.	.	.	.	M
GATA052S1	6/ 4/76	2	4	6	5	4	5	5	2	2	2	3	2	4	4	7	.	.	.	.	M
GATA053S1	6/ 4/76	2	4	6	4	4	4	4	3	2	2	4	3	4	4	8	.	.	.	.	M
GATA054S1	6/ 4/76	2	4	1	5	4	3	4	3	2	2	4	2	2	2	6	.	.	.	.	M
GATA055S1	6/ 4/76	2	3	2	7	5	3	5	2	1	2	3	2	2	2	21	.	.	.	.	M
GATA056S1	6/ 7/76	2	4	6	4	1	2	2	1	1	2	3	2	2	1	8	.	.	.	.	M
GATA057S1	6/ 5/76	2	3	1	6	3	3	4	2	2	2	5	2	2	1	14	.	.	.	.	M
GATA058S1	6/ 5/76	2	4	6	4	2	2	3	1	1	2	5	2	2	2	6	.	.	.	.	M
GATA059S1	6/ 4/76	2	4	1	6	4	3	4	2	2	2	4	2	2	2	10	.	.	.	.	M
GATA060S1	6/ 4/76	2	4	6	7	4	4	5	4	2	2	4	2	2	2	20	.	.	.	.	M
GATA062S1	6/ 4/76	2	4	6	4	3	4	5	2	2	2	3	2	2	2	9	.	.	A	.	M
GATA063S1	6/ 4/76	2	4	6	4	3	3	4	4	1	2	3	3	3	3	8	.	.	.	.	M
GATA064S1	6/ 7/76	2	4	6	4	2	2	3	3	1	3	3	3	3	1	13	.	.	.	.	M
GATA065S1	6/ 7/76	2	4	6	5	3	3	3	1	1	2	3	3	2	1	12	.	.	.	.	M
GATA067S1	6/ 4/76	2	4	3	4	2	3	4	4	2	2	3	3	3	2	15	.	.	9	5	M
GATA068S1	6/ 7/76	2	4	6	5	4	3	3	3	1	2	4	3	3	1	7	.	.	.	.	M
GATA070S1	6/ 7/76	2	4	6	5	4	3	3	2	1	2	3	2	3	1	9	.	.	.	.	M
GATA071S1	6/ 7/76	2	4	6	5	4	3	3	3	1	2	3	3	3	1	6	.	.	.	.	M
GATA072S1	6/ 8/76	2	4	6	7	4	3	3	3	1	2	3	2	2	1	17	.	.	.	6	M
GATA073S1	6/ 8/76	2	4	6	6	4	3	3	2	3	5	5	2	2	1	14	.	.	.	6	M
GATA074S1	6/ 8/76	2	4	6	5	3	3	3	1	1	4	3	2	2	1	14	.	.	.	6	M
GATA076S1	6/ 5/76	2	4	6	6	3	3	3	4	1	2	3	2	2	1	10	.	.	.	6	M
GATA077S1	6/ 5/76	2	5	6	5	3	3	3	3	1	2	3	2	2	1	21	.	.	.	.	M
GATA078S1	6/ 7/76	2	4	6	5	4	3	3	3	1	2	3	2	2	1	7	.	.	.	6	M
GATA079S1	6/ 7/76	2	4	6	6	4	3	3	3	1	2	4	3	3	1	11	.	.	.	.	M
GATO033S1	6/17/76	3	4	6	6	2	3	3	1	1	2	3	2	2	1	7	.	.	.	.	M
GATO034S1	6/17/76	3	4	6	5	3	3	3	4	1	4	4	2	2	1	5	.	.	.	.	M
GATO035S1	6/17/76	3	4	7	6	4	3	3	6	1	2	3	2	2	1	5	.	.	.	8	M
GATO036S1	6/18/76	3	4	6	6	2	3	3	3	1	5	3	2	3	7	.	.	.	.	M	
GATO039S1	6/18/76	3	3	6	5	2	3	3	3	1	2	3	2	2	5	.	.	.	.	M	
GATO040S1	6/18/76	3	4	6	5	3	2	3	2	1	5	3	2	2	5	.	.	.	5	M	
GATO041S1	6/18/76	3	5	6	6	4	2	3	1	3	2	3	2	2	1	5	.	.	.	.	M
GATO042S1	6/21/76	3	4	6	4	2	3	3	1	1	2	3	2	2	1	5	.	.	.	.	M
GATO043S1	6/21/76	3	4	6	6	4	2	3	4	1	4	4	2	2	1	10	.	.	.	6	M
GATO044S1	6/17/76	3	4	6	6	2	3	3	1	1	2	3	2	2	1	5	.	.	.	6	M
GATO045S1	6/17/76	3	4	6	7	4	2	3	3	1	2	3	2	2	1	5	.	.	.	.	M
GATO046S1	6/17/76	3	4	6	4	2	3	3	1	1	3	3	2	2	1	5	.	.	.	.	M
GATO047S1	6/17/76	3	4	6	8	5	2	3	3	1	2	4	3	3	2	5	.	.	.	.	M
GATO048S1	6/17/76	3	4	6	6	3	3	3	3	1	2	3	2	2	1	5	.	.	.	.	M
GATO049S1	6/17/76	3	5	6	5	3	3	3	3	1	3	4	4	3	1	9	.	.	.	.	M
GATO050S1	6/17/76	3	2	6	5	2	4	3	3	2	4	4	3	2	1	5	.	.	.	.	M
GATO051S1	6/18/76	3	4	4	5	2	2	3	4	1	2	3	2	2	1	5	.	.	.	6	M
GATO052S1	6/18/76	3	4	6	5	2	3	3	3	2	2	4	2	2	2	5	.	.	.	.	M
GATO054S1	6/18/76	3	4	6	6	4	2	3	3	1	2	4	2	2	1	5	.	.	.	.	M
GATO055S1	6/18/76	3	4	6	5	2	3	3	1	1	2	3	2	2	1	5	.	.	.	.	M
GATO056S1	6/18/76	3	5	6	6	4	2	3	3	1	2	3	2	2	10	.	.	.	.	M	
GATO057S1	6/18/76	3	4	4	5	1	3	3	1	1	4	3	2	1	5	.	.	.	6	M	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	W A T E R T E M P
GAT0058S1	6/18/76	3	4	6	6	2	3	3	3	1	2	3	2	1	5	.	.	.	.	.	M
GAT0059S1	6/17/76	3	4	6	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M
GAT0060S1	6/17/76	3	4	4	6	3	3	3	3	1	2	4	3	1	5	.	.	.	.	.	M
GAT0061S1	6/17/76	3	4	1	6	4	2	3	3	1	2	3	2	1	5	.	.	.	.	.	M
GAT0062S1	6/17/76	3	4	6	6	5	2	3	3	1	5	3	2	1	5	.	.	.	.	.	M
GAT0063S1	6/17/76	3	4	6	4	2	2	3	3	1	2	3	2	1	5	.	.	.	.	.	M
GATY001S1	6/ 5/76	1	6	7	7	4	4	3	3	2	2	3	2	1	14	.	.	.	6	.	M
GATY002S1	6/ 5/76	1	4	1	4	3	3	3	2	2	2	3	3	1	15	.	.	.	.	.	M
GATY003S1	6/ 3/76	1	2	1	5	4	4	3	1	2	2	3	2	2	8	.	.	.	6	.	M
GATY004S1	6/ 3/76	1	5	6	4	3	2	3	2	1	2	3	1	3	5	.	.	.	6	.	M
GATY005S1	7/ 3/76	1	2	1	5	3	3	3	2	1	2	4	2	2	15	.	.	.	A	.	M
GATY006S1	6/ 3/76	1	5	6	6	4	2	3	2	1	2	3	2	1	8	.	.	.	5	.	M
GATY007S1	6/ 3/76	1	4	6	5	3	2	3	3	1	2	4	3	1	10	.	.	.	6	.	M
GATY008S1	6/ 5/76	1	4	6	5	4	3	3	3	1	2	3	2	1	5	.	.	.	6	.	M
GATY009S1	6/ 5/76	1	4	1	5	3	3	3	1	1	2	3	2	1	8	.	.	.	6	.	M
GATY010S1	6/ 5/76	1	4	1	5	3	3	4	2	2	2	3	3	1	13	.	.	.	.	.	M
GATY012S1	6/ 5/76	1	4	1	5	3	3	3	1	2	2	3	2	1	10	.	.	.	.	.	M
GATY013S1	6/ 5/76	1	5	7	4	2	2	3	2	2	2	3	3	2	10	.	.	.	.	.	M
GATY014S1	6/ 5/76	1	4	1	5	4	3	3	1	1	2	3	2	1	9	.	.	.	6	.	M
GATY015S1	6/ 5/76	1	5	1	4	3	3	3	1	1	2	3	2	1	11	.	.	.	6	.	M
GATY016S1	6/ 8/76	3	4	1	7	5	2	3	2	1	2	4	2	1	7	.	.	.	.	.	M
GATY018S1	6/ 7/76	4	4	6	7	4	2	4	2	2	2	4	2	1	15	.	.	.	.	.	M
GATY020S1	6/ 7/76	4	4	1	4	3	4	3	1	2	2	3	1	1	10	.	.	.	.	.	M
GATY021S1	6/ 7/76	4	4	1	4	3	3	3	1	1	4	2	2	1	10	.	.	.	6	.	M
GATY023S1	6/ 7/76	4	4	1	5	1	2	3	1	1	3	3	2	1	10	.	.	.	6	.	M
GATY024S1	6/ 7/76	4	4	1	4	2	3	3	2	3	3	3	2	1	6	.	.	.	6	.	M
GATY025S1	6/ 7/76	4	6	6	3	1	2	3	2	1	1	3	1	1	5	.	.	.	6	.	M
GATY026S1	6/ 7/76	4	4	3	3	1	2	2	1	2	1	3	2	1	8	.	.	.	.	.	M
GATY027S1	6/ 7/76	4	4	1	4	2	4	3	1	2	2	3	2	1	7	.	.	.	.	.	M
GATY028S1	6/ 7/76	4	4	3	8	5	4	5	2	2	2	3	2	1	8	.	.	.	6	.	M
GATY032S1	6/ 5/76	1	5	7	5	4	2	4	4	2	2	3	3	1	10	.	.	.	6	.	M
GATY033S1	6/ 5/76	1	4	1	4	3	3	4	1	2	2	3	2	1	11	.	.	.	6	.	M
GATY034S1	6/ 5/76	1	4	1	4	2	2	3	1	2	3	2	2	1	5	.	.	.	6	.	M
GATY036S1	6/ 5/76	1	4	4	5	4	3	4	4	2	2	3	3	2	6	.	.	.	6	.	M
GATY037S1	6/ 5/76	1	7	3	2	3	3	4	1	1	2	3	2	2	9	.	.	.	6	.	M
GATY039S1	6/ 5/76	1	1	5	3	3	3	4	2	1	2	3	2	2	10	.	.	.	6	.	M
GATY040S1	6/ 7/76	4	6	6	3	1	2	2	1	1	2	4	2	1	6	.	.	.	.	.	M
GATY041S1	6/ 5/76	1	4	1	6	5	3	4	4	2	2	4	3	2	5	.	.	.	.	.	M
GATY043S1	6/ 3/76	1	4	1	4	3	3	4	2	2	2	4	2	2	12	.	.	.	.	.	M
GATY045S1	6/ 4/76	1	6	6	4	3	4	4	2	2	2	3	2	2	15	.	.	.	.	.	M
GATY046S1	6/ 4/76	1	4	1	4	3	1	3	3	1	2	3	3	2	12	.	.	.	.	.	M
GATY048S1	6/ 4/76	1	4	1	6	4	3	4	4	2	2	3	3	2	15	.	.	.	.	.	M
GATY049S1	6/ 4/76	1	4	1	4	3	3	4	1	1	2	3	2	3	5	.	.	.	.	.	M
GATY050S1	6/ 4/76	1	4	1	6	5	2	3	2	1	2	4	2	2	7	.	.	.	6	.	M
GATY052S1	6/ 4/76	1	4	1	6	3	3	4	2	1	2	3	2	3	6	.	.	.	8	.	M
GATY054S1	6/ 4/76	1	4	1	5	4	3	3	4	2	1	3	2	4	6	.	.	.	6	.	M
GATY055S1	6/ 4/76	1	4	6	5	3	3	4	2	1	2	3	2	4	6	.	.	.	.	.	M
GATY057S1	6/ 4/76	1	4	1	6	4	3	5	4	2	2	4	3	2	5	.	.	.	.	.	M
GATY058S1	6/ 4/76	1	4	1	7	4	3	5	3	2	2	3	3	2	15	.	.	.	.	.	M
GATY060S1	6/ 4/76	1	4	1	6	5	3	5	4	2	2	4	2	2	12	.	.	.	.	.	M

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
GATY062S1	6/ 5/76	1	5	7	5	4	2	4	4	1	2	4	2	1	8	.	.	.	6	M
GATY063S1	6/ 7/76	4	4	1	6	5	3	3	1	1	4	4	2	1	5	.	.	.	6	M
GATY067S1	6/ 7/76	4	4	1	5	3	3	3	1	1	2	4	2	2	10	.	.	.	.	M
GATY071S1	6/ 4/76	1	5	7	5	3	2	4	3	1	2	3	2	2	5	.	.	.	.	M
GATY073S1	6/ 4/76	1	4	1	5	4	3	4	2	2	2	4	2	2	12	.	.	.	.	M
GATY074S1	6/ 4/76	1	5	1	4	4	3	3	2	1	2	3	3	2	22	.	.	.	.	M
GAUP001S1	6/11/76	3	4	4	5	2	2	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP002S1	6/11/76	3	4	6	4	2	3	3	4	1	2	3	2	1	5	.	.	.	.	M
GAUP003S1	6/11/76	3	4	6	4	2	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP004S1	6/10/76	3	4	2	6	3	3	3	1	1	2	3	3	1	5	.	.	.	.	M
GAUP005S1	6/10/76	3	4	6	4	2	4	3	1	2	3	4	2	1	20	.	.	.	6	M
GAUP006S1	6/11/76	3	4	6	4	2	2	3	3	1	3	4	2	1	5	.	.	.	.	M
GAUP007S1	6/11/76	3	4	2	3	2	2	3	2	1	2	3	2	1	5	.	.	.	6	M
GAUP008S1	6/11/76	3	4	2	5	1	3	3	1	1	2	3	2	1	5	.	.	.	6	M
GAUP009S1	6/11/76	3	4	2	4	2	3	3	1	1	2	3	3	1	5	.	.	.	.	M
GAUP010S1	6/11/76	3	4	4	8	5	4	3	3	1	2	3	3	1	10	.	.	.	.	M
GAUP011S1	6/11/76	3	4	6	4	2	3	3	3	1	2	3	2	1	10	.	.	.	.	M
GAUP012S1	6/11/76	3	4	6	5	2	3	3	1	1	2	4	3	1	10	.	.	.	.	M
GAUP013S1	6/11/76	3	4	6	5	2	4	3	1	1	3	4	2	1	8	.	.	.	.	M
GAUP014S1	6/11/76	3	4	6	3	1	4	3	1	2	4	3	3	1	10	.	.	5	6	M
GAUP015S1	6/11/76	3	4	6	6	3	3	3	3	1	3	3	2	1	5	.	.	.	.	M
GAUP016S1	6/11/76	3	4	4	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP017S1	6/11/76	3	4	6	5	2	3	3	3	1	2	2	2	1	5	.	.	.	.	M
GAUP018S1	6/11/76	3	4	4	4	3	3	3	3	1	3	3	2	1	5	.	.	.	6	M
GAUP019S1	6/11/76	3	5	4	4	2	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP020S1	6/11/76	3	4	6	6	2	4	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP021S1	6/11/76	3	4	1	4	2	3	3	3	1	2	3	2	1	7	.	.	.	.	M
GAUP022S1	6/11/76	3	4	4	4	2	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP023S1	6/11/76	3	5	6	8	5	1	3	4	1	5	3	2	1	10	.	.	.	.	M
GAUP024S1	6/11/76	3	4	4	4	2	3	3	3	1	5	3	2	1	5	.	.	.	.	M
GAUP025S1	6/10/76	3	4	6	4	2	3	3	2	1	5	3	2	1	5	.	.	.	.	M
GAUP026S1	6/ 9/76	3	4	6	6	3	3	3	1	1	2	3	2	1	10	.	.	.	.	M
GAUP027S1	6/10/76	3	4	6	6	2	3	3	3	1	4	3	2	1	5	.	.	.	6	M
GAUP028S1	6/10/76	3	4	6	6	5	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP029S1	7/ 1/76	46	4	6	8	5	2	3	3	1	2	3	2	2	12	.	.	.	6	M
GAUP030S1	6/10/76	3	4	6	4	3	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP031S1	6/10/76	3	4	6	4	2	3	3	3	1	3	4	2	1	5	.	.	.	.	M
GAUP033S1	6/11/76	3	4	4	5	2	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP034S1	6/11/76	3	4	4	4	2	2	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP035S1	6/11/76	3	4	6	4	3	2	3	1	1	2	4	2	1	5	.	.	.	.	M
GAUP036S1	6/ 9/76	3	4	6	5	3	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP037S1	6/ 9/76	3	4	4	6	1	3	3	1	1	2	3	3	1	10	.	.	.	.	M
GAUP038S1	6/ 9/76	3	5	6	2	1	2	3	3	1	2	3	2	1	10	.	.	.	.	M
GAUP039S1	6/ 9/76	3	4	6	5	2	3	3	3	1	2	4	2	1	8	.	.	.	.	M
GAUP040S1	6/ 9/76	3	4	6	5	1	3	2	1	1	2	3	2	1	10	.	.	.	.	M
GAUP041S1	6/ 9/76	3	4	4	5	3	3	3	3	3	2	3	2	1	10	.	.	.	.	M
GAUP042S1	6/10/76	3	4	6	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP043S1	6/10/76	3	4	6	6	3	3	3	3	1	2	4	2	1	5	.	.	.	6	M
GAUP044S1	6/10/76	3	4	6	5	3	2	3	4	1	4	4	2	1	5	.	.	.	6	M
GAUP045S1	6/10/76	3	4	6	5	3	3	3	4	1	4	3	2	1	5	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

11:16 MONDAY, JUNE 15, 1981

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMDWIDTH	STMDDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGETENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
GAUP046S1	6/10/76	3	5	6	2	1	3	3	3	1	2	3	2	1	5	.	.	.	6	M
GAUP047S1	6/10/76	3	4	6	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP048S1	6/ 9/76	3	4	6	7	4	2	3	4	1	2	3	2	1	5	.	.	.	.	M
GAUP049S1	6/10/76	3	4	6	7	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP050S1	6/10/76	3	4	6	5	3	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP051S1	6/10/76	3	4	6	6	3	3	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP052S1	6/10/76	3	5	6	6	5	2	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP053S1	6/ 9/76	3	4	6	7	3	3	3	1	1	2	3	3	2	10	.	.	.	.	M
GAUP054S1	6/ 9/76	3	4	6	4	2	3	3	1	1	4	3	3	2	5	.	.	5	6	M
GAUP055S1	6/ 9/76	3	4	6	6	1	3	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP056S1	6/ 9/76	3	4	6	4	2	3	3	3	1	2	3	2	2	5	.	.	.	.	M
GAUP057S1	6/10/76	3	5	6	5	4	2	3	3	1	5	3	2	1	5	.	.	.	.	M
GAUP058S1	6/10/76	3	4	6	3	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M
GAUP059S1	6/10/76	3	4	6	4	2	3	3	5	1	2	2	2	1	10	.	.	.	6	M
GAUP060S1	7/ 1/76	46	4	6	5	4	4	4	4	1	2	4	2	1	13	.	.	.	6	M
GAUP061S1	6/11/76	3	4	6	6	2	3	3	1	1	2	3	3	1	10	.	.	.	.	M
GAUP062S1	6/10/76	3	4	6	4	3	2	3	3	1	2	4	2	1	5	.	.	.	.	M
GAUP063S1	6/10/76	3	4	6	6	3	4	3	1	2	2	3	2	1	5	.	.	.	.	M
GAUP064S1	6/10/76	3	5	6	6	4	3	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP065S1	6/ 9/76	3	4	4	5	1	3	3	4	1	2	3	2	1	5	.	.	.	.	M
GAUP066S1	6/ 9/76	3	5	4	6	4	2	3	3	1	2	3	2	1	5	.	.	.	9	M
GAUP067S1	6/ 9/76	3	5	4	4	1	2	3	4	1	5	4	2	1	10	.	.	.	.	M
GAUP068S1	6/ 9/76	3	4	6	3	1	3	3	3	1	2	3	2	1	8	.	.	.	.	M
GAUP069S1	6/ 9/76	3	4	6	6	4	3	3	3	1	2	3	2	1	5	.	.	.	.	M
GAUP070S1	6/ 9/76	3	4	7	8	4	1	4	4	1	2	4	2	1	5	.	.	.	.	M
GAUP071S1	6/ 9/76	3	4	6	4	3	2	3	1	1	2	3	2	1	5	.	.	.	A	M
GAUP072S1	6/ 9/76	3	4	6	7	5	1	3	3	3	2	3	2	1	8	.	.	.	5	M
GAWB002S1	7/24/78	362	7	6	6	4	2	2	4	1	5	4	2	1	5	.	.	.	.	M
GAWB003S1	7/24/78	362	4	6	4	4	2	2	3	1	3	5	2	1	5	.	.	.	.	M
GAWB004S1	7/24/78	362	4	6	5	4	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GAWB005S1	7/25/78	362	4	1	6	2	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GAWB006S1	7/25/78	362	4	1	5	3	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GAWB007S1	7/25/78	362	4	6	4	2	3	2	1	1	2	4	2	1	5	.	.	.	.	M
GAWB008S1	7/25/78	362	4	1	3	2	2	2	4	1	7	3	2	1	5	.	.	.	6	M
GAWB009S1	7/25/78	362	4	6	8	4	2	2	4	1	5	3	2	1	5	.	.	.	.	M
GAWB010S1	7/25/78	362	4	6	5	3	2	2	3	1	2	4	2	1	5	.	.	.	.	M
GAWB011S1	7/25/78	362	4	1	4	2	2	2	1	1	2	3	2	1	5	.	.	.	.	M
GAWB012S1	7/25/78	362	4	6	5	3	2	2	1	1	3	5	2	1	5	.	.	.	.	M
GAWB013S1	7/25/78	362	4	1	4	1	2	2	1	1	2	4	2	1	5	.	.	.	.	M
GAWB014S1	7/25/78	362	4	1	5	2	2	2	4	1	3	5	2	1	5	.	.	.	.	M
GAWB021S1	7/26/78	362	4	1	4	4	2	2	1	1	2	3	2	2	5	.	.	.	.	M
GAWB022S1	7/26/78	362	4	6	4	4	1	2	4	1	5	3	2	2	5	.	.	.	.	M
GAWB023S1	7/26/78	362	4	1	5	4	2	2	1	1	3	3	2	2	5	.	.	.	.	M
GAWB024S1	7/26/78	362	4	1	4	2	2	2	1	1	7	3	2	2	5	.	.	.	.	M
ALBR006S1	7/27/78	272	4	1	4	1	3	3	1	1	4	3	2	3	5	.	.	B	6	M
ALBR007S1	7/27/78	272	4	7	5	3	1	2	2	1	4	3	2	3	5	.	.	.	6	M
ALBR008S1	7/27/78	272	4	1	5	2	3	3	2	2	2	3	3	2	5	.	.	.	.	M
ALBR009S1	7/27/78	272	4	1	5	2	3	4	4	2	2	3	2	3	5	.	.	.	.	M
ALBR010S1	7/27/78	272	4	1	5	2	3	4	4	1	2	4	2	2	5	.	.	.	.	M
ALBR011S1	7/27/78	272	4	1	4	1	3	3	1	2	2	2	2	2	5	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T I O N	C O N T A M I N 1	C O N T A M I N 2	C O N T A M I N 3	C O N T A M I N 4	W A T E R T E M P E R A T U R E
ALBR012S1	7/27/78	272	4	1	9	9	6	1	6	2	2	4	2	1	5	.	.	.	6	M
ALBR013S1	7/27/78	272	4	1	4	1	2	3	1	2	2	3	2	1	5	.	.	.	6	M
ALBR014S1	7/27/78	272	4	1	6	3	3	4	4	2	2	3	2	1	5	.	.	.	6	M
ALBR015S1	7/27/78	272	4	1	5	3	3	4	4	2	2	3	2	1	5	.	.	.	6	M
ALBR017S1	7/27/78	272	4	1	4	1	3	3	1	2	2	3	2	1	5	.	.	.	6	M
ALBR018S1	7/28/78	272	4	1	4	2	3	3	1	2	2	3	2	1	5	.	.	.	6	M
ALBR019S1	7/28/78	272	4	1	4	1	2	3	1	2	2	3	2	1	5	.	.	.	6	M
ALBR030S1	7/28/78	272	4	1	5	2	2	3	4	2	2	3	2	1	5	.	.	.	6	M
ALBR031S1	7/28/78	272	4	1	5	2	3	4	1	2	2	3	2	1	5	.	.	.	6	M
ALBR032S1	7/28/78	272	4	1	6	3	2	4	4	2	2	3	2	1	5	.	.	.	6	M
ALBR033S1	7/28/78	272	4	3	2	1	2	3	1	2	2	4	2	1	5	.	.	.	6	M
ALBR071S1	7/31/78	272	4	1	5	2	3	4	3	2	2	4	2	1	5	.	.	.	6	M
ALBU001S1	7/22/78	272	5	8	9	9	1	2	1	2	4	3	2	1	5	.	.	.	6	M
ALBU002S1	7/22/78	272	5	6	6	4	1	2	4	1	4	3	2	1	5	.	.	.	6	M
ALBU003S1	7/22/78	272	5	3	4	2	1	2	4	2	4	3	2	1	5	.	.	.	6	M
ALBU004S1	7/22/78	272	5	6	9	9	1	2	4	1	5	3	2	1	5	.	.	.	6	M
ALBU005S1	7/22/78	272	5	6	9	9	1	2	4	1	5	3	2	1	5	.	.	.	6	M
ALBU006S1	7/22/78	272	4	7	5	3	1	2	2	1	5	3	2	1	5	.	.	.	6	M
ALBU007S1	7/22/78	272	5	3	9	9	1	2	1	2	5	3	2	1	5	.	.	.	6	M
ALBU008S1	7/22/78	272	5	6	9	9	6	1	6	1	5	4	2	1	5	.	.	.	6	M
ALBU009S1	7/22/78	272	4	6	9	9	6	1	6	1	4	3	2	1	5	.	.	.	6	M
ALBU010S1	7/22/78	272	5	6	9	9	6	1	6	1	7	3	2	1	5	.	.	.	6	M
ALBU011S1	7/22/78	272	5	6	9	9	6	1	6	1	1	3	2	1	5	.	.	.	6	M
ALBU012S1	7/22/78	272	5	6	9	9	1	2	4	1	5	3	2	1	5	.	.	.	6	M
ALBU013S1	7/22/78	272	5	6	9	9	1	2	4	1	1	3	2	1	5	.	.	.	6	M
ALBU014S1	7/22/78	272	5	6	9	9	1	2	2	1	5	4	2	1	5	.	.	.	6	M
ALBU015S1	7/22/78	272	5	6	5	3	1	2	2	1	5	3	1	1	5	.	.	.	6	M
ALBU016S1	7/22/78	272	5	6	4	2	1	2	2	1	4	4	1	1	5	.	.	.	6	M
ALBU017S1	7/22/78	272	4	1	9	9	1	2	2	2	5	3	2	1	5	.	.	.	6	M
ALBU018S1	7/22/78	272	4	1	9	9	1	2	2	1	5	3	2	1	5	.	.	.	6	M
ALBU019S1	7/22/78	272	4	1	9	9	1	2	2	1	2	3	2	1	5	.	.	.	6	M
ALBU020S1	7/23/78	272	4	1	9	9	1	2	2	2	4	3	2	1	5	.	.	.	6	M
ALBU021S1	7/23/78	272	5	6	4	3	1	2	2	2	2	4	2	1	5	.	.	.	6	M
ALBU022S1	7/23/78	272	8	7	7	2	1	2	2	1	5	4	2	1	5	.	.	.	6	M
ALBU023S1	7/23/78	272	4	1	6	3	1	2	2	1	5	4	2	1	5	.	.	.	6	M
ALBU024S1	7/23/78	272	5	6	4	2	1	2	3	1	2	3	2	1	5	.	.	.	6	M
ALBU025S1	7/23/78	272	4	1	4	2	2	2	1	2	2	3	3	1	5	.	.	.	6	M
ALBU026S1	7/23/78	272	5	8	3	1	2	2	1	2	2	3	3	1	5	.	.	.	6	M
ALBU027S1	7/23/78	272	4	1	4	3	1	2	2	1	4	3	3	1	5	.	.	.	6	M
ALBU028S1	7/23/78	272	4	1	3	1	2	2	2	1	1	3	3	1	5	.	.	.	6	M
ALBU029S1	7/23/78	272	4	1	4	2	2	2	2	2	7	3	3	1	5	.	.	.	6	M
ALBU030S1	7/23/78	272	4	1	5	2	2	2	2	2	7	3	3	1	5	.	.	.	6	M
ALBU031S1	7/23/78	272	4	6	5	2	2	2	2	2	2	3	3	1	5	.	.	.	6	M
ALBU032S1	7/23/78	272	4	1	5	2	2	2	1	1	2	3	3	1	5	.	.	.	6	M
ALBU033S1	7/23/78	272	4	1	5	2	2	2	1	2	2	3	3	1	5	.	.	.	6	M
ALBU034S1	7/27/78	272	4	1	4	2	2	2	1	1	5	3	2	1	5	.	.	.	6	M
ALBU035S1	7/23/78	272	4	1	9	9	6	1	6	1	2	3	2	1	5	.	.	.	6	M
ALBU036S1	7/23/78	272	4	1	9	9	1	2	2	1	7	2	2	1	5	.	.	.	6	M
ALBU037S1	7/23/78	272	4	1	9	9	6	1	6	2	2	2	2	1	5	.	.	.	6	M
ALBU038S1	7/23/78	272	4	1	9	9	6	1	6	1	2	3	2	1	5	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

11:16 MONDAY, JUNE 15, 1981

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SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	W A T E R T E M P
ALBU039S1	7/23/78	272	4	1	9	9	1	2	2	2	2	4	2	1	5	.	.	.	6	M	M
ALBU040S1	7/23/78	272	4	1	4	1	2	2	2	2	2	3	2	1	5	.	.	.	.	M	M
ALBU041S1	7/24/78	272	4	1	9	9	1	2	2	1	3	4	3	1	5	.	.	.	.	M	M
ALBU042S1	7/24/78	272	4	1	4	1	3	2	2	2	7	4	2	1	5	.	.	.	.	M	M
ALBU043S1	7/24/78	272	4	1	9	9	1	2	4	2	2	3	3	1	5	.	.	.	.	M	M
ALBU044S1	7/24/78	272	4	1	4	1	2	2	2	2	2	3	3	1	5	.	.	.	.	M	M
ALBU045S1	7/24/78	272	4	1	9	9	1	2	2	2	2	3	2	1	5	.	.	.	.	M	M
ALBU046S1	7/24/78	272	4	1	9	9	1	2	2	2	2	3	2	1	5	.	.	.	8	M	M
ALBU047S1	7/24/78	272	4	1	9	9	1	2	2	2	2	3	3	1	5	.	.	.	.	M	M
ALBU052S1	7/25/78	272	4	1	5	3	1	2	2	2	2	2	2	1	5	.	.	.	6	M	M
ALBU053S1	7/25/78	272	4	1	3	1	2	4	1	1	2	3	2	1	5	.	.	.	6	M	M
ALBU054S1	7/25/78	272	4	6	5	3	2	2	1	1	2	3	2	1	5	.	.	.	6	M	M
ALBU055S1	7/25/78	272	5	7	5	3	1	2	3	1	4	3	2	1	5	.	.	.	6	M	M
ALBU056S1	7/25/78	272	4	1	9	9	1	2	4	1	4	3	2	1	5	.	.	.	6	M	M
ALBU057S1	7/25/78	272	4	1	4	1	2	2	1	2	2	2	2	1	5	.	.	.	6	M	M
ALBU058S1	7/25/78	272	4	6	4	2	2	3	2	1	7	3	2	1	5	.	.	.	.	M	M
ALBU059S1	7/25/78	272	4	1	4	2	2	3	1	1	7	3	2	1	5	.	.	.	6	M	M
ALBU067S1	7/25/78	272	4	6	5	3	1	2	2	1	5	4	2	3	5	.	.	.	.	M	M
ALBU068S1	7/25/78	272	4	6	5	4	1	2	2	1	2	3	2	2	5	.	.	.	.	M	M
ALBU069S1	7/25/78	272	4	1	4	2	3	3	2	2	2	3	3	2	5	.	.	.	.	M	M
ALBU070S1	7/26/78	272	5	6	9	9	1	2	2	1	2	4	2	2	5	.	.	.	.	M	M
ALBU071S1	7/26/78	272	4	1	1	1	2	2	2	2	2	3	2	2	5	.	.	.	.	M	M
ALBU072S1	7/26/78	272	4	1	4	1	3	2	2	1	4	3	2	2	5	.	.	.	6	M	M
ALBU073S1	7/26/78	272	4	6	9	9	1	2	2	2	7	4	3	2	5	.	.	.	6	M	M
ALCH001S1	7/ 1/76	13	4	6	4	2	3	3	1	1	3	4	2	1	5	.	.	.	.	M	M
ALCH002S1	7/ 1/76	13	4	6	5	1	3	3	1	1	2	3	1	1	5	.	.	.	.	M	M
ALCH003S1	7/ 1/76	13	4	6	6	4	2	4	3	1	3	3	1	2	5	.	.	.	.	M	M
ALCH004S1	7/ 1/76	13	7	7	6	4	3	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH005S1	7/ 2/76	12	4	6	7	5	2	4	1	1	3	4	2	1	5	.	.	.	.	M	M
ALCH007S1	7/ 2/76	12	4	6	6	3	2	2	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH008S1	7/ 2/76	12	4	6	5	2	3	3	1	3	3	3	2	1	5	.	.	.	.	M	M
ALCH009S1	7/ 2/76	12	4	6	4	1	2	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH010S1	7/ 2/76	12	4	6	5	3	3	3	1	1	3	4	2	1	5	.	.	.	.	M	M
ALCH011S1	7/ 2/76	12	4	6	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M	M
ALCH012S1	7/ 2/76	12	3	6	2	1	3	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH013S1	7/ 2/76	12	4	6	4	2	4	3	1	1	3	4	2	1	5	.	.	.	.	M	M
ALCH014S1	7/ 2/76	12	4	6	4	2	4	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH015S1	7/ 2/76	12	4	6	4	2	4	3	1	1	3	5	2	1	5	.	.	.	.	M	M
ALCH016S1	7/ 3/76	12	4	6	4	2	3	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH018S1	7/ 3/76	12	4	1	4	2	3	3	1	1	3	3	2	1	5	.	.	.	.	M	M
ALCH019S1	7/ 3/76	12	4	6	5	2	3	3	2	1	4	3	2	1	5	.	.	.	.	M	M
ALCH020S1	7/ 8/76	12	6	7	7	4	2	3	2	1	4	3	2	1	5	.	.	.	.	M	M
ALCH021S1	7/ 3/76	12	4	6	4	1	3	3	1	1	3	4	2	2	5	.	.	.	.	M	M
ALCH023S1	7/ 3/76	12	4	6	5	2	3	3	1	1	4	3	1	2	5	.	.	.	.	M	M
ALCH024S1	7/ 3/76	12	4	6	4	1	3	3	1	1	3	4	2	3	5	.	.	.	.	M	M
ALCH025S1	7/ 3/76	12	4	6	5	2	3	3	3	1	4	3	2	3	5	.	.	.	.	M	M
ALCH026S1	7/ 3/76	12	4	6	4	1	3	3	1	3	3	3	2	2	5	.	.	.	.	M	M
ALCH027S1	7/ 3/76	12	4	6	6	3	3	3	1	1	3	4	3	2	5	.	.	.	.	M	M
ALCH029S1	7/ 5/76	12	4	6	6	3	3	3	2	1	3	3	2	2	5	.	.	.	.	M	M
ALCH044S1	7/ 5/76	12	4	6	4	1	3	3	2	1	3	4	2	2	5	.	.	.	.	M	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET
11:16 MONDAY, JUNE 15, 1981

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SRL I.D.	SAMPDATE	TEAM	SEDTYPE	SEDCOLOR	STMWIDTH	STMDEPTH	STMFLOW	STMLEVEL	STMCOLOR	STMCHANNEL	VEGETYPE	VEGDENS	RELIEF	WEATHER	COMPOSIT	CONTAMN1	CONTAMN2	CONTAMN3	CONTAMN4	WATERTEMP
ALCH046S1	7/ 3/76	12	4	6	6	3	2	1	2	1	2	3	2	1	5	.	.	.	.	M
ALCH047S1	7/ 3/76	12	4	6	6	3	3	3	2	1	4	4	2	2	5	.	.	.	.	M
ALCH048S1	7/ 3/76	12	4	1	5	2	3	3	1	1	3	4	2	1	5	.	.	.	.	M
ALCH049S1	7/ 3/76	12	4	1	5	2	3	3	1	1	3	4	1	2	5	.	.	.	.	M
ALCH050S1	7/ 3/76	12	4	6	6	4	3	3	1	1	3	4	2	2	10	.	.	.	.	M
ALCH051S1	7/ 3/76	12	4	6	5	2	3	3	1	1	3	4	2	2	5	.	.	.	.	M
ALCH052S1	7/ 2/76	12	4	6	4	2	3	3	1	1	4	3	2	1	5	.	.	.	.	M
ALCH053S1	7/ 2/76	12	4	6	5	2	3	3	1	1	3	3	2	1	5	.	.	.	.	M
ALCH054S1	7/ 2/76	12	4	6	2	1	3	3	1	1	3	3	2	1	5	.	.	.	.	M
ALCH055S1	7/ 2/76	12	4	6	5	2	3	2	2	1	3	4	2	1	10	.	.	.	.	M
ALCH057S1	7/ 2/76	12	4	8	7	2	4	3	1	3	2	3	2	1	7	.	.	.	.	M
ALCH058S1	7/ 7/76	12	4	8	7	3	3	3	2	1	2	3	2	1	7	.	.	.	.	M
ALCH059S1	7/ 2/76	12	4	6	4	1	3	3	1	1	3	3	2	1	5	.	.	.	.	M
ALCH061S1	7/ 7/76	12	4	6	5	3	3	3	4	1	3	3	4	1	10	.	.	.	.	M
ALCH062S1	7/ 7/76	12	4	6	6	3	4	3	2	1	2	3	2	1	5	.	.	.	.	M
ALCH063S1	7/ 7/76	12	4	6	5	3	3	3	2	1	3	4	2	1	6	.	.	.	.	M
ALCH064S1	7/ 7/76	12	4	6	5	2	3	3	1	1	3	4	2	1	5	.	.	.	.	M
ALCH065S1	7/ 7/76	12	4	6	6	3	3	3	3	1	3	5	2	1	5	.	.	.	.	M
ALCH066S1	7/ 7/76	12	4	6	7	5	3	3	3	1	2	3	2	1	5	.	.	.	.	M
ALCH067S1	7/ 7/76	12	4	6	6	3	3	3	1	1	3	3	2	1	5	.	.	.	.	M
ALCH068S1	7/ 7/76	12	4	6	7	4	2	3	2	1	5	4	2	1	6	.	.	.	.	M
ALCH069S1	7/ 7/76	12	4	6	5	1	3	3	1	1	3	4	2	1	5	.	.	.	.	M
ALCH070S1	7/ 7/76	12	4	6	4	1	3	3	1	1	2	3	2	1	5	.	.	.	.	M
ALCH071S1	7/ 7/76	12	5	6	5	3	3	4	3	1	3	4	2	1	6	.	.	.	.	M
ALCH072S1	7/ 7/76	12	4	6	5	2	3	3	2	1	3	3	2	1	6	.	.	.	.	M
ALCH073S1	7/ 6/76	12	4	6	6	3	3	4	3	1	3	5	3	2	5	.	.	.	.	M
ALCH074S1	7/ 8/76	12	4	6	6	3	2	3	2	1	3	3	2	1	5	.	.	.	.	M
ALCH075S1	7/ 6/76	12	4	6	5	3	4	4	4	1	3	4	2	3	5	.	.	.	.	M
ALCH076S1	7/ 6/76	12	4	6	6	3	4	4	4	1	3	5	2	2	5	.	.	.	.	M
ALCH078S1	7/ 6/76	12	4	8	6	4	4	4	4	1	3	3	2	2	6	.	.	.	.	M
ALCH080S1	7/ 6/76	12	4	6	5	3	3	4	3	1	3	5	2	2	5	.	.	.	.	M
ALCH094S1	7/ 8/76	12	4	6	5	1	4	3	1	1	4	3	2	1	5	.	.	.	.	M
ALCH095S1	7/ 8/76	12	4	6	7	5	2	4	4	1	3	5	2	2	6	.	.	.	.	M
ALCH096S1	7/ 8/76	12	4	8	7	4	3	3	2	1	3	4	2	1	10	.	.	.	.	M
ALCH097S1	7/ 7/76	12	6	6	5	2	2	3	1	1	3	4	2	1	5	.	.	.	5	M
ALCH098S1	7/ 7/76	12	4	6	5	1	3	3	1	1	3	5	2	1	5	.	.	.	.	M
ALCH099S1	7/ 7/76	12	4	6	5	2	3	3	1	1	2	3	2	1	6	.	.	.	.	M
ALCH101S1	7/ 7/76	12	4	6	4	1	3	3	1	1	4	3	2	1	7	.	.	.	.	M
ALCH102S1	7/ 7/76	12	4	6	6	2	3	3	2	1	3	3	2	1	5	.	.	.	.	M
ALEL068S1	8/12/76	31	4	1	4	2	3	3	1	1	2	4	2	1	8	.	.	.	6	M
ALEL069S1	8/12/76	31	4	6	4	3	3	3	1	1	2	4	2	1	5	.	.	.	.	M
ALEL071S1	8/12/76	31	5	6	6	5	2	3	1	1	2	3	2	1	7	.	.	.	.	M
ALEL072S1	8/12/76	31	4	1	7	3	3	3	1	1	2	3	2	1	6	.	.	.	.	M
ALEL078S1	8/11/76	37	4	6	2	1	2	2	1	1	2	3	2	1	5	.	.	.	.	M
ALEL079S1	8/11/76	37	4	6	5	3	2	2	1	1	2	3	2	1	5	.	.	.	.	M
ALEL080S1	8/11/76	37	4	6	2	1	2	2	1	1	2	3	2	1	5	.	.	.	.	M
ALEL081S1	8/11/76	37	4	6	4	1	2	2	1	1	2	3	2	1	5	.	.	.	.	M
ALEL082S1	8/12/76	31	4	6	4	3	3	3	1	1	2	3	2	1	7	.	.	.	.	M
ALEL084S1	8/12/76	31	4	6	7	4	3	3	1	1	2	3	2	1	5	.	.	.	5	M
ALEL108S1	8/12/76	38	4	6	4	2	3	3	2	2	2	4	2	1	5	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMP	DATE	TEAM	SEDIMENT TYPE	SEDIMENT COLOR	SEDIMENT HARDNESS	SEDIMENT DEPTH	SEDIMENT FLOW	SEDIMENT L E V E L	SEDIMENT C O L O R	SEDIMENT C H A N G E	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WATER HEAT	COMPOSITION	CONTAMINANT 1	CONTAMINANT 2	CONTAMINANT 3	CONTAMINANT 4	WATER TEMPERATURE
AL109S1	8/12/76	38	4	6	5	4	3	2	2	2	2	2	4	2	1	8	.	.	.	6	M
AL110S1	8/12/76	38	4	6	8	4	3	2	2	2	2	2	4	2	1	8	.	.	.	6	M
AL111S1	8/12/76	38	7	8	7	1	1	2	2	1	2	2	5	1	1	5	.	.	.	6	M
AL112S1	8/11/76	37	2	1	9	9	6	1	6	3	2	2	3	3	1	7	.	.	.	.	M
AL113S1	8/11/76	37	4	6	4	2	2	2	1	1	2	2	3	2	1	5	.	.	.	.	M
AL114S1	8/11/76	37	4	6	5	1	2	2	1	1	2	2	4	3	1	5	.	.	.	.	M
AL115S1	8/11/76	37	4	6	2	1	2	2	1	1	3	1	4	2	1	10	.	.	.	.	M
AL116S1	8/11/76	37	4	6	1	1	2	2	1	1	3	4	3	3	1	5	.	.	.	.	M
AL117S1	8/11/76	37	4	6	4	1	2	2	1	1	3	2	2	2	1	5	.	.	.	.	M
AL118S1	8/11/76	37	4	6	6	2	2	2	1	1	3	3	3	3	1	5	.	.	.	.	M
AL119S1	8/11/76	37	3	6	4	2	2	2	1	1	2	3	3	2	1	5	.	.	.	.	M
AL120S1	8/11/76	37	4	6	4	3	3	3	1	1	2	2	3	2	1	7	.	.	.	6	M
ALLE001S1	8/13/76	42	4	6	9	9	6	1	6	3	2	2	4	2	1	6	.	.	.	.	M
ALLE002S1	8/13/76	42	4	6	4	3	3	3	1	2	2	2	4	2	1	5	.	.	.	6	M
ALLE003S1	8/13/76	42	4	6	4	3	3	3	1	1	2	2	3	2	1	8	.	.	.	.	M
ALLE004S1	8/13/76	42	4	6	6	4	3	3	1	1	2	2	4	2	1	7	.	.	.	5	M
ALLE005S1	8/13/76	42	4	6	5	3	3	3	1	2	2	2	5	2	1	5	.	.	.	.	M
ALLE006S1	8/13/76	42	4	6	4	4	3	3	1	1	2	2	4	2	1	7	.	.	.	.	M
ALLE007S1	8/13/76	42	4	6	8	5	4	3	2	2	2	2	5	2	1	5	.	.	.	.	M
ALLE008S1	8/13/76	42	6	6	4	3	3	3	1	1	2	2	3	2	1	7	.	.	.	.	M
ALLE009S1	8/13/76	42	4	6	4	3	3	3	1	2	2	2	4	2	1	5	.	.	.	6	M
ALLE010S1	8/13/76	19	1	7	4	1	3	2	1	2	2	2	4	3	1	5	.	.	.	.	M
ALLE011S1	8/13/76	42	4	6	4	2	3	2	1	2	2	2	5	2	1	5	.	.	.	.	M
ALLE012S1	8/13/76	19	2	4	6	4	2	2	1	2	3	4	4	2	1	8	.	.	.	.	M
ALLE013S1	8/13/76	19	4	4	5	3	2	3	2	1	2	2	4	2	1	5	.	.	.	.	M
ALLE014S1	8/13/76	19	4	6	6	4	2	2	1	2	2	2	4	2	1	5	.	.	.	.	M
ALLE015S1	8/13/76	19	2	8	2	1	3	2	1	2	3	4	4	2	1	5	.	.	.	.	M
ALLE016S1	8/13/76	19	7	7	1	1	2	2	1	1	2	2	2	2	1	7	.	.	.	6	M
ALLE017S1	8/15/76	38	4	6	8	5	3	2	6	2	2	2	5	2	1	5	.	.	A	4	M
ALLE020S1	8/13/76	19	1	7	4	2	3	2	1	2	2	1	3	3	1	5	.	.	.	.	M
ALLE022S1	8/13/76	19	4	6	5	2	2	2	1	3	4	4	3	2	1	5	.	.	.	.	M
ALLE023S1	8/13/76	19	4	6	5	2	2	2	1	1	2	1	3	2	1	5	.	.	.	.	M
ALLE024S1	8/13/76	19	4	6	5	3	3	2	1	2	1	1	3	3	1	5	.	.	.	.	M
ALLE025S1	8/12/76	41	4	6	3	1	3	2	1	2	4	4	4	1	1	7	.	.	.	.	M
ALLE026S1	8/12/76	41	4	6	7	5	3	3	2	2	2	2	4	3	1	5	.	.	.	6	M
ALLE027S1	8/12/76	41	4	6	6	2	3	3	1	2	2	2	5	2	1	5	.	.	.	A	M
ALLE028S1	8/13/76	19	4	7	6	4	2	2	6	2	2	1	3	2	1	7	.	.	.	A	M
ALLE029S1	8/15/76	38	4	6	2	1	3	2	1	2	2	2	4	2	1	5	.	.	.	6	M
ALLE030S1	8/15/76	38	4	6	3	3	2	2	2	2	2	2	5	2	1	5	.	.	.	.	M
ALLE031S1	8/15/76	38	4	6	1	1	2	2	2	2	2	2	5	2	1	5	.	.	.	.	M
ALLE032S1	8/13/76	42	4	8	7	5	4	3	6	1	2	2	3	2	1	6	.	.	A	4	M
ALLE033S1	8/15/76	38	4	6	4	2	3	2	1	2	2	2	5	2	1	5	.	.	.	.	M
ALLE034S1	8/16/76	38	4	6	4	4	3	3	2	2	2	2	5	2	1	5	.	.	.	.	M
ALLE035S1	8/15/76	38	4	6	4	2	3	2	2	2	2	2	4	2	1	5	.	.	.	6	M
ALLE036S1	8/16/76	38	4	6	6	4	3	2	2	2	2	2	4	2	2	5	.	.	.	8	M
ALLE037S1	8/16/76	38	4	6	4	9	1	1	2	2	2	2	5	2	1	8	.	.	.	6	M
ALLE038S1	8/12/76	32	4	6	5	2	3	3	1	1	3	4	4	2	1	5	.	.	.	.	M
ALLE039S1	8/15/76	38	4	6	5	4	2	2	2	2	2	4	4	2	1	5	.	.	.	6	M
ALLE040S1	8/16/76	38	4	6	5	1	1	2	5	1	2	3	3	2	1	5	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	C O N T A M I N	W A T E R T E M P
ALLE041S1	8/16/76	31	4	:	9	9	6	1	6	3	2	3	2	1	6	.	.	.	.	.	M
ALLE042S1	8/16/76	31	4	1	5	4	3	3	1	1	2	3	2	1	7	.	.	.	.	4	M
ALLE043S1	8/15/76	38	4	6	3	2	3	2	2	2	2	4	2	1	5	.	.	.	.	6	M
ALLE044S1	8/14/76	38	4	6	7	5	2	2	2	2	2	4	2	1	8	.	.	.	.	.	M
ALLE045S1	8/15/76	38	4	6	4	1	2	2	2	2	2	5	2	1	5	.	.	.	.	.	M
ALLE046S1	8/12/76	31	5	6	6	3	3	3	1	1	3	4	2	1	6	.	.	.	.	.	M
ALLE047S1	8/12/76	31	3	6	7	4	4	3	1	2	3	3	2	1	5	.	.	.	.	.	M
ALLE048S1	8/12/76	31	5	6	4	3	3	3	1	1	2	4	2	1	6	.	.	.	.	.	M
ALLE049S1	8/12/76	32	4	6	5	2	2	3	2	1	3	4	2	1	5	.	.	.	.	.	M
ALLE050S1	8/12/76	32	4	6	5	2	2	2	1	1	3	2	2	1	5	.	.	.	.	.	M
ALLE051S1	8/16/76	38	7	7	8	2	2	2	2	1	5	5	2	2	8	.	.	.	.	.	M
ALLE052S1	8/16/76	38	4	6	4	3	3	3	2	2	2	5	2	2	5	.	.	.	.	.	M
ALLE053S1	8/12/76	32	4	6	5	4	2	4	1	2	2	4	2	1	5	.	.	.	.	.	M
ALLE054S1	8/12/76	32	4	6	4	2	2	2	1	1	2	4	3	2	5	.	.	.	.	.	M
ALLE055S1	8/16/76	38	4	6	7	4	3	2	2	2	2	5	2	1	5	.	.	.	.	.	M
ALLE056S1	8/16/76	38	4	8	4	2	2	2	2	2	2	5	2	1	8	.	.	.	.	.	M
ALLE059S1	8/16/76	38	4	6	5	3	3	2	2	2	3	3	2	1	5	.	.	.	.	6	M
ALLE060S1	8/16/76	31	4	6	6	3	2	3	1	1	2	3	2	1	6	.	.	.	5	A	M
ALLE061S1	8/16/76	31	4	1	4	2	1	2	2	1	2	3	2	1	7	.	.	.	.	4	M
ALLE062S1	8/16/76	31	4	6	5	4	3	3	3	1	2	3	2	2	6	.	.	.	.	.	M
ALLE064S1	8/16/76	31	4	6	5	3	3	3	1	2	2	3	2	1	6	.	.	.	.	8	M
ALLE065S1	8/16/76	31	4	4	4	3	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALLE066S1	8/15/76	20	1	6	8	7	4	3	1	1	2	3	2	2	10	.	.	.	.	7	M
ALLE067S1	8/15/76	20	4	6	6	4	4	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALLE068S1	8/16/76	31	4	6	4	2	3	3	1	1	2	4	2	2	5	.	.	.	.	6	M
ALLE069S1	8/15/76	20	2	4	5	4	3	3	1	1	2	3	2	1	6	.	.	.	.	5	M
ALLE070S1	8/15/76	20	4	6	5	3	3	3	1	1	2	3	2	1	6	.	.	.	.	6	M
ALLE071S1	8/15/76	20	1	6	5	4	3	3	1	1	2	3	2	1	8	.	.	.	.	.	M
ALLE072S1	8/15/76	20	4	6	5	4	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALLE073S1	8/15/76	20	4	6	9	9	6	1	6	3	2	3	2	1	5	.	.	.	.	.	M
ALLE074S1	8/13/76	21	3	6	4	2	3	3	1	1	3	2	2	1	5	.	.	.	.	6	M
ALLE075S1	8/13/76	21	3	6	5	3	3	3	1	1	2	2	2	1	6	.	.	.	.	.	M
ALLE076S1	8/13/76	21	4	6	5	3	3	3	2	1	2	3	2	1	5	.	.	.	.	.	M
ALLE077S1	8/13/76	21	5	6	5	4	3	3	1	2	2	3	2	1	5	.	.	.	.	.	M
ALLE078S1	8/13/76	21	4	6	9	9	6	1	6	3	2	4	2	1	7	.	.	.	.	.	M
ALLE079S1	8/13/76	21	4	1	6	4	3	3	1	2	2	3	2	1	8	.	.	.	.	.	M
ALLE080S1	8/12/76	32	4	6	4	2	2	2	1	2	3	2	2	1	5	.	.	.	.	6	M
ALLE081S1	8/13/76	21	4	6	2	2	1	2	3	1	2	3	2	1	7	.	.	.	.	.	M
ALLE082S1	8/13/76	21	3	6	4	2	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALLE083S1	8/13/76	21	3	1	3	1	3	3	1	1	3	3	2	1	5	.	.	.	.	.	M
ALLE084S1	8/16/76	31	4	6	3	1	3	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALLE085S1	8/13/76	21	4	1	5	3	2	3	1	1	3	3	2	1	7	.	.	.	.	.	M
ALLE086S1	8/15/76	20	4	6	5	4	3	3	1	1	2	3	2	1	5	.	.	.	.	5	M
ALLE087S1	8/15/76	20	3	6	4	4	3	3	1	1	2	3	2	2	7	.	.	.	.	A	M
ALLE088S1	8/15/76	20	5	6	6	5	3	3	1	1	2	3	2	1	6	.	.	.	.	.	M
ALLE089S1	8/15/76	20	4	6	4	3	3	3	1	1	2	3	2	1	7	.	.	.	.	.	M
ALLE090S1	8/15/76	20	4	6	6	5	3	3	1	1	2	3	2	1	10	.	.	.	.	.	M
ALLE091S1	8/16/76	31	4	6	6	4	3	3	1	1	2	3	2	1	7	.	.	.	.	.	M
ALLE092S1	8/15/76	20	2	6	5	3	3	3	1	1	2	3	2	1	7	.	.	.	.	.	M
ALLE093S1	8/15/76	20	4	6	4	3	3	3	1	1	2	3	2	1	5	.	.	.	.	B	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

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11:16 MONDAY, JUNE 15, 1981

SRL I.D.	SAMPDATE	TEAM	SE D T P E	SE D C O L O R	ST M W I D T H	ST M D E P T H	ST M F L O W	ST M L E V E L	ST M C O L O R	ST M C H A N L	VE G T Y P E	VE G D E N S	RE L I E F	WE A T H E R	CO M P O S I T	CO N T A M N 1	CO N T A M N 2	CO N T A M N 3	CO N T A M N 4	W A T E R T E M P
ALLE094S1	8/15/76	20	4	6	4	3	3	3	1	1	2	3	2	1	7	.	.	.	5	M
ALLE095S1	8/13/76	21	4	4	5	4	2	3	1	1	2	2	2	2	5	.	.	.	.	M
ALLE096S1	8/13/76	21	4	6	6	4	3	3	1	1	2	3	2	1	6	.	.	.	5	M
ALLE097S1	8/13/76	21	4	1	3	2	3	3	1	1	2	3	2	1	9	.	.	.	.	M
ALLE100S1	8/15/76	20	4	6	9	9	6	1	6	3	7	1	2	1	10	.	.	.	3	M
ALLE101S1	8/13/76	21	4	6	5	4	3	3	1	1	2	3	2	1	6	.	.	.	.	M
ALLE102S1	8/13/76	21	4	1	4	2	3	3	1	1	2	3	2	1	6	.	.	.	.	M
ALLE103S1	8/13/76	21	4	1	9	9	6	1	6	3	2	3	2	1	6	.	.	.	.	M
ALLE104S1	8/13/76	42	4	6	4	3	3	3	1	1	2	3	2	1	5	.	.	.	.	M
ALMA001S1	7/18/78	272	4	7	2	1	2	2	2	1	4	4	2	1	5	.	.	.	6	M
ALMA002S1	7/18/78	272	4	7	3	1	2	2	2	2	1	4	2	1	5	.	.	.	.	M
ALMA003S1	7/18/78	272	4	7	4	2	2	2	2	1	2	4	2	1	5	.	.	.	.	M
ALMA004S1	7/18/78	272	4	1	4	2	3	2	1	1	2	4	2	1	5	.	.	.	.	M
ALMA005S1	7/18/78	272	3	1	4	2	3	2	1	2	7	4	2	1	5	.	.	.	.	M
ALMA006S1	7/18/78	272	3	1	4	1	2	2	1	2	2	3	3	1	5	.	.	.	.	M
ALMA007S1	7/18/78	272	2	7	4	1	3	3	1	2	2	4	3	1	5	.	.	.	.	M
ALMA008S1	7/18/78	272	4	4	5	2	3	3	1	2	7	3	2	1	5	.	.	.	.	M
ALMA009S1	7/18/78	272	4	6	4	3	2	3	3	1	7	3	2	1	5	.	.	.	.	M
ALMA010S1	7/18/78	272	4	1	4	3	2	3	1	2	3	5	2	1	5	.	.	.	.	M
ALMA011S1	7/18/78	272	4	3	4	1	3	3	1	2	2	3	3	1	5	.	.	.	.	M
ALMA012S1	7/18/78	272	4	1	5	3	2	3	2	1	3	4	2	1	5	.	.	.	8	M
ALMA013S1	7/18/78	272	4	3	4	1	3	2	1	2	2	3	3	1	5	.	.	.	.	M
ALMA014S1	7/18/78	272	4	3	5	1	2	2	1	2	2	3	3	1	5	.	.	.	6	M
ALMA015S1	7/18/78	272	4	6	4	2	2	2	1	2	2	4	2	1	5	.	.	.	.	M
ALMA016S1	7/18/78	272	4	6	3	2	1	2	2	1	2	4	2	1	5	.	.	.	.	M
ALMA017S1	7/18/78	272	4	7	4	1	3	2	1	1	4	3	2	1	5	.	.	8	6	M
ALMA018S1	7/18/78	272	4	7	5	2	2	2	2	1	5	4	1	1	5	.	.	.	.	M
ALMA019S1	7/19/78	272	4	7	6	3	2	2	2	1	5	4	2	1	5	.	.	.	.	M
ALMA020S1	7/19/78	272	4	7	9	9	6	1	6	1	5	3	2	1	5	.	.	.	6	M
ALMA021S1	7/19/78	272	8	8	9	9	6	1	6	1	5	4	2	1	5	.	.	.	.	M
ALMA022S1	7/19/78	272	4	6	5	2	2	2	2	1	5	3	2	1	5	.	.	.	.	M
ALMA023S1	7/19/78	272	8	9	2	1	2	3	4	1	4	3	2	1	5	.	.	.	6	M
ALMA024S1	7/19/78	272	8	9	4	1	2	3	2	1	7	3	2	1	5	.	.	.	6	M
ALMA025S1	7/19/78	272	5	4	9	9	1	2	3	1	5	4	2	1	5	.	.	.	.	M
ALMA026S1	7/19/78	272	4	1	4	2	1	2	4	1	2	4	2	1	5	.	.	.	6	M
ALMA027S1	7/19/78	272	5	7	1	1	2	2	4	1	5	2	2	1	5	.	.	.	6	M
ALMA028S1	7/19/78	272	5	6	5	3	2	3	2	1	2	3	1	1	5	.	.	.	6	M
ALMA029S1	7/19/78	272	4	1	5	1	2	2	2	1	2	3	2	1	5	.	.	.	.	M
ALMA030S1	7/19/78	272	4	1	4	2	2	2	2	1	2	3	2	1	5	.	.	.	6	M
ALMA031S1	7/19/78	272	4	1	5	2	2	2	2	1	7	4	2	1	5	.	.	.	.	M
ALMA032S1	7/19/78	272	4	1	6	4	1	2	1	1	5	4	2	1	5	.	.	.	6	M
ALMA033S1	7/19/78	272	4	1	6	4	1	2	1	1	5	4	2	1	5	.	.	.	.	M
ALMA034S1	7/19/78	272	5	6	5	2	2	2	3	1	5	4	2	1	5	.	.	.	.	M
ALMA035S1	7/20/78	272	4	6	3	1	2	2	1	1	2	4	2	1	5	.	.	.	.	M
ALMA036S1	7/20/78	272	4	6	2	1	3	2	1	1	2	3	2	1	5	.	.	.	6	M
ALMA037S1	7/20/78	272	4	6	2	1	3	2	1	2	2	3	2	1	5	.	.	.	.	M
ALMA038S1	7/20/78	272	4	6	4	1	3	2	1	2	2	3	2	1	5	.	.	.	.	M
ALMA039S1	7/20/78	272	5	6	4	2	2	2	2	1	2	4	2	1	5	.	.	.	6	M
ALMA040S1	7/20/78	272	5	1	3	2	1	2	4	1	5	3	2	1	5	.	.	.	6	M
ALMA041S1	7/20/78	272	4	1	4	2	2	2	1	2	5	3	2	1	5	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET

11:16 MONDAY, JUNE 15, 1981

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SRL I.D.	SAMPDATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P E R A T U R E	
ALMA042S1	7/20/78	272	4	1	4	1	3	2	2	2	2	3	2	1	5	.	.	.	.	6	M
ALMA043S1	7/20/78	272	5	6	5	2	1	2	2	1	5	4	2	1	5	.	.	.	.	6	M
ALMA044S1	7/20/78	272	5	6	5	3	1	2	4	1	2	3	2	1	5	.	.	.	.	6	M
ALMA045S1	7/20/78	272	4	1	4	2	1	2	2	2	2	3	2	1	5	.	.	.	.	6	M
ALMA046S1	7/20/78	272	5	7	4	2	1	2	5	2	5	3	2	1	5	.	.	.	.	6	M
ALMA047S1	7/20/78	272	5	7	4	3	1	2	2	2	2	4	2	1	5	.	.	.	.	6	M
ALMA048S1	7/20/78	272	4	1	3	1	2	2	2	2	3	5	2	1	5	.	.	.	.	6	M
ALMA049S1	7/20/78	272	5	6	3	1	1	2	3	1	4	3	2	1	5	.	.	.	.	6	M
ALMA050S1	7/20/78	272	5	7	4	2	1	2	4	1	7	3	2	1	5	.	.	.	.	6	M
ALMA051S1	7/20/78	272	4	7	5	3	1	2	5	1	5	4	3	1	5	.	.	.	.	4	M
ALMA052S1	7/20/78	272	4	6	2	1	2	2	1	1	5	3	2	1	5	.	.	.	.	6	M
ALMA053S1	7/20/78	272	4	6	9	9	6	1	6	2	4	3	2	1	5	.	.	.	.	6	M
ALMA054S1	7/20/78	272	4	1	1	1	2	2	2	2	7	3	2	1	5	.	.	.	.	6	M
ALMA055S1	7/20/78	272	4	1	4	2	2	2	1	2	7	3	3	1	5	.	.	.	.	6	M
ALMA056S1	7/21/78	272	4	6	9	9	6	1	6	2	7	3	2	1	5	.	.	.	.	6	M
ALMA057S1	7/21/78	272	4	6	9	9	6	1	6	2	2	4	2	1	5	.	.	.	.	6	M
ALMA058S1	7/21/78	272	5	7	9	9	1	2	3	1	5	3	2	1	5	.	.	.	.	6	M
ALMA059S1	7/21/78	272	5	7	9	9	6	1	6	1	1	3	2	1	5	.	.	.	.	6	M
ALMA060S1	7/21/78	272	5	7	4	2	2	2	2	1	5	3	2	1	5	.	.	.	.	6	M
ALMA061S1	7/21/78	272	5	6	9	9	6	1	6	1	2	3	2	1	5	.	.	.	.	6	M
ALMA062S1	7/21/78	272	5	7	9	9	6	1	6	2	7	3	2	1	5	.	.	.	.	6	M
ALMA063S1	7/21/78	272	5	7	4	2	2	2	2	1	5	4	2	1	5	.	.	.	.	6	M
ALMA064S1	7/21/78	272	4	6	9	9	1	2	3	2	2	4	2	1	5	.	.	.	.	6	M
ALMA065S1	7/21/78	272	5	6	9	9	6	1	6	2	2	2	2	1	5	.	.	.	.	6	M
ALMA066S1	7/21/78	272	5	6	9	9	6	1	6	1	2	3	2	1	5	.	.	.	.	6	M
ALMA067S1	7/21/78	272	5	1	9	9	1	2	2	1	5	3	2	1	5	.	.	.	.	6	M
ALMA068S1	7/21/78	272	5	1	9	9	1	2	1	1	5	3	2	1	5	.	.	.	.	6	M
ALMA069S1	7/21/78	272	5	5	9	9	6	1	6	1	2	2	2	1	5	.	.	.	.	6	M
ALMA070S1	7/21/78	272	5	1	9	9	1	2	2	1	2	3	2	1	5	.	.	.	.	6	M
ALMA071S1	7/21/78	272	5	6	9	9	1	2	4	1	5	3	2	1	5	.	.	.	.	6	M
ALMA072S1	7/21/78	272	5	7	9	9	6	1	6	1	5	3	2	1	5	.	.	.	.	6	M
ALMA073S1	7/21/78	272	5	8	9	9	1	2	3	1	4	3	2	1	5	.	.	.	.	6	M
ALMA074S1	7/21/78	272	4	1	9	9	1	2	3	1	7	3	2	1	5	.	.	.	.	6	M
ALMT019S1	8/18/78	362	4	7	2	1	2	2	1	1	2	4	2	1	5	.	.	.	.	6	M
ALMT084S1	9/ 1/78	362	6	6	4	2	1	2	1	2	2	3	2	1	5	.	.	.	.	6	M
ALPK065S1	8/ 8/78	272	4	1	4	1	3	3	2	1	7	3	2	1	5	.	.	.	.	6	M
ALPK066S1	8/ 8/78	272	4	1	4	1	2	3	1	1	2	3	2	1	5	.	.	.	.	6	M
ALRU001S1	7/17/78	272	3	1	9	9	6	1	6	1	2	2	2	1	5	.	.	.	.	6	M
ALRU002S1	7/17/78	272	3	1	5	3	2	2	4	1	3	2	2	1	5	.	.	.	.	6	M
ALRU003S1	7/28/78	362	4	1	5	2	2	2	1	1	2	4	2	3	5	.	.	.	.	7	M
ALRU004S1	7/28/78	362	3	1	7	4	2	2	4	1	5	2	2	1	10	.	.	.	.	6	M
ALRU005S1	7/28/78	362	3	1	4	2	2	2	2	1	2	2	2	3	5	.	.	.	.	6	M
ALRU006S1	7/28/78	362	3	6	5	4	2	2	1	1	2	4	2	2	5	.	.	.	.	6	M
ALRU007S1	7/28/78	362	4	6	5	4	2	2	1	1	2	4	2	2	5	.	.	.	.	6	M
ALRU008S1	7/28/78	362	3	1	5	3	2	2	1	1	2	4	2	2	12	.	.	.	.	6	M
ALRU009S1	7/28/78	362	4	1	6	5	2	2	3	1	2	4	2	2	5	.	.	.	.	6	M
ALRU010S1	7/28/78	362	4	1	3	3	1	2	3	1	2	4	2	2	5	.	.	.	.	6	M
ALRU011S1	7/28/78	362	8	1	2	2	2	2	3	1	3	4	2	2	10	.	.	.	.	6	M
ALRU012S1	7/28/78	362	4	1	3	1	2	2	1	1	3	5	2	2	5	.	.	.	.	6	M
ALRU013S1	7/28/78	362	4	1	4	2	2	2	1	1	3	5	2	1	5	.	.	.	.	6	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

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11:16 MONDAY, JUNE 15, 1981

*****			S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W	
*****			E	E	T	T	T	T	T	T	E	E	E	E	O	O	O	O	O	O	A
*****			D	D	M	M	M	M	M	M	G	G	R	E	M	M	M	M	M	M	T
SRL I.D.	SAMPDATE	TEAM	T	C	I	D	F	L	C	C	T	D	E	A	P	A	A	A	A	A	R
*****			P	O	D	E	O	E	H	H	P	E	N	T	N	N	N	N	N	N	T
*****			E	R	H	H	W	L	R	L	E	S	F	H	I	2	3	4	4	4	E
ALRU014S1	7/28/78	362	4	1	5	2	2	2	1	1	2	2	2	1	5	.	.	.	.	.	M
ALRU015S1	7/28/78	362	4	4	4	1	2	2	4	1	3	3	2	2	5	.	.	.	.	.	M
ALRU016S1	7/28/78	362	4	1	5	3	2	2	4	1	3	3	2	2	5	.	.	.	.	.	M
ALRU017S1	7/28/78	362	4	1	3	1	2	2	1	1	3	4	3	2	5	.	.	.	.	.	M
ALRU018S1	7/28/78	362	4	1	3	1	1	2	1	1	2	3	2	2	5	.	.	.	.	.	M
ALRU019S1	7/28/78	362	4	4	3	2	1	2	4	1	4	2	2	2	5	.	.	.	.	.	M
ALRU020S1	7/28/78	362	4	1	4	2	2	2	4	1	2	2	2	2	5	.	.	.	.	.	M
ALRU021S1	7/28/78	362	4	1	5	3	2	2	1	1	3	4	2	2	5	.	.	.	.	.	M
ALRU022S1	7/29/78	362	4	1	4	3	2	2	1	1	3	4	2	1	5	.	.	.	.	.	M
ALRU023S1	7/29/78	362	4	1	5	2	2	2	1	1	2	4	2	1	5	.	.	.	.	.	M
ALRU024S1	7/29/78	362	4	1	6	5	2	2	3	1	2	4	2	1	5	.	.	.	.	.	M
ALRU025S1	7/29/78	362	3	1	2	1	1	2	3	1	3	4	2	1	5	.	.	.	.	.	M
ALRU026S1	7/29/78	362	4	1	5	4	2	2	2	1	2	3	2	1	5	.	.	.	.	.	M
ALRU027S1	7/29/78	362	4	4	9	9	6	1	6	3	2	2	2	1	5	.	.	.	.	.	M
ALRU028S1	7/29/78	362	4	1	9	9	6	1	6	3	2	2	2	1	5	.	.	.	.	.	M
ALRU029S1	7/29/78	362	4	1	5	3	2	2	1	1	3	5	2	1	5	.	.	.	.	.	M
ALRU030S1	7/29/78	362	4	1	5	3	2	2	1	1	3	3	2	1	5	.	.	.	.	.	M
ALRU031S1	7/30/78	362	7	6	8	2	1	2	4	1	5	4	2	1	5	.	.	.	.	.	M
ALRU032S1	7/30/78	362	6	7	5	2	2	2	4	1	2	4	2	1	5	.	.	.	.	.	M
ALRU033S1	7/30/78	362	4	1	5	2	1	2	4	1	2	3	2	1	5	.	.	.	.	.	M
ALRU034S1	7/30/78	362	4	1	7	5	2	2	4	1	2	3	2	1	5	.	.	.	.	.	M
ALRU035S1	7/30/78	362	4	1	6	3	2	2	3	1	2	3	2	1	5	.	.	.	.	.	M
ALRU036S1	7/30/78	362	4	1	3	1	1	2	4	1	2	3	2	1	5	.	.	.	.	.	M
ALRU037S1	7/30/78	362	6	6	6	3	1	2	4	1	4	2	2	1	5	.	.	.	.	6	M
ALRU038S1	7/31/78	362	3	1	6	4	2	4	3	1	3	3	2	4	5	.	.	.	.	.	M
ALRU039S1	7/31/78	362	4	1	5	4	3	4	1	1	5	3	2	4	5	.	.	.	.	.	M
ALRU040S1	7/31/78	362	4	1	6	4	4	4	2	1	2	5	2	4	5	.	.	.	.	.	M
ALRU041S1	7/31/78	362	4	1	6	4	2	3	3	1	2	3	2	4	5	.	.	.	.	.	M
ALRU042S1	7/31/78	362	4	1	6	4	3	3	3	1	2	4	2	4	5	.	.	.	.	.	M
ALRU043S1	7/31/78	362	4	4	6	4	3	4	4	1	3	5	2	4	5	.	.	.	.	.	M
ALRU044S1	8/ 1/78	362	4	6	4	3	2	3	4	1	3	4	2	1	5	.	.	.	.	.	M
ALRU045S1	8/ 1/78	362	3	1	4	2	2	3	3	1	2	4	2	1	5	.	.	.	.	.	M
ALRU046S1	8/ 1/78	362	4	1	4	3	1	2	3	1	2	4	2	1	5	.	.	.	.	.	M
ALRU047S1	8/ 1/78	362	4	1	5	3	2	2	3	1	2	3	2	1	5	.	.	.	.	.	M
ALRU048S1	8/ 1/78	362	4	6	4	1	2	2	4	1	3	2	2	1	5	.	.	.	.	.	M
ALRU049S1	8/ 1/78	362	4	1	5	3	2	3	4	1	2	3	2	1	5	.	.	.	.	.	M
ALRU050S1	8/ 1/78	362	7	6	4	2	2	2	1	2	2	5	2	1	5	.	.	.	.	.	M
ALRU051S1	8/ 1/78	362	4	1	5	3	2	3	4	1	7	3	2	1	5	.	.	.	.	6	M
ALRU052S1	8/ 1/78	362	8	4	4	2	2	2	3	2	2	3	2	1	5	.	.	.	.	.	M
ALRU053S1	8/ 1/78	362	4	1	4	3	2	3	2	1	2	4	2	1	5	.	.	.	.	.	M
ALRU054S1	8/ 1/78	362	4	6	7	4	3	2	2	1	5	3	2	1	5	.	.	.	.	.	M
ALRU055S1	8/ 1/78	362	4	1	7	4	3	4	3	1	2	4	2	1	5	.	.	.	.	.	M
ALRU056S1	8/ 2/78	362	4	1	5	3	2	3	2	1	2	4	2	1	5	.	.	.	.	.	M
ALRU057S1	8/ 2/78	362	4	6	8	5	2	3	2	1	5	3	2	1	5	.	.	.	.	.	M
ALRU058S1	8/ 2/78	362	4	1	6	4	2	3	3	1	2	4	2	1	5	.	.	.	.	.	M
ALRU059S1	8/ 2/78	362	4	1	4	2	2	3	1	1	2	3	2	1	5	.	.	.	.	.	M
ALRU060S1	8/ 2/78	362	4	1	4	2	3	2	1	1	2	3	2	1	5	.	.	.	.	.	M
ALRU061S1	8/ 2/78	362	4	1	6	3	2	3	3	1	7	5	2	1	5	.	.	.	.	.	M
ALRU062S1	8/ 2/78	362	4	1	6	5	2	3	4	1	7	5	2	1	5	.	.	.	.	.	M
ALRU063S1	8/ 2/78	362	4	1	4	1	2	2	1	1	2	3	2	1	5	.	.	.	.	.	M

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

SHEET
11:16 MONDAY, JUNE 15, 1981

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***** ***** ***** SRL I.D. ***** ***** *****			S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W	*****	
			D	E	T	T	T	T	T	T	E	E	E	E	O	O	O	O	O	A		
			T	C	M	M	M	M	M	M	G	G	L	A	M	N	N	N	N	T		
			P	O	D	D	F	L	C	C	T	D	I	T	P	A	A	A	A	E		
			E	R	H	H	W	E	O	H	P	E	F	R	S	I	N	N	N	M		
SAMP	DATE	TEAM																				
ALRU064S1	8/ 2/78	362	4	1	4	2	2	2	3	1	2	3	2	1	5	.	.	.	.	M		
ALRU065S1	8/ 2/78	362	4	1	5	4	2	2	3	1	2	3	2	1	5	.	.	.	.	M		
ALRU066S1	8/ 2/78	362	4	1	5	4	2	3	4	1	2	3	2	1	5	.	.	.	.	M		
ALRU067S1	8/ 2/78	362	4	1	6	4	2	3	4	1	2	5	2	1	5	.	.	.	.	M		
ALRU068S1	8/ 2/78	362	4	1	4	1	2	2	1	1	3	5	2	1	5	.	.	.	.	M		
ALRU069S1	8/ 2/78	362	4	1	5	1	2	2	1	1	2	4	2	1	5	.	.	.	.	M		
ALRU070S1	8/ 2/78	362	4	1	6	4	2	3	2	1	2	4	2	1	5	.	.	.	.	M		
ALRU071S1	8/ 2/78	362	4	1	5	3	2	3	1	1	2	4	2	1	5	.	.	.	.	M		
ALRU072S1	8/ 2/78	362	4	1	6	3	2	3	1	1	2	4	2	1	5	.	.	.	.	M		
ALRU073S1	8/ 2/78	362	4	1	5	3	2	2	1	1	2	4	2	1	5	.	.	.	.	M		
ALRU074S1	8/ 2/78	362	4	1	4	1	2	2	1	1	2	3	2	1	5	.	.	.	6	M		
ALRU075S1	8/ 2/78	362	4	1	5	4	2	3	2	1	7	5	2	1	10	.	.	.	.	M		
ALRU076S1	8/ 3/78	362	4	1	4	3	2	2	2	1	2	4	2	1	5	.	.	.	.	M		
ALRU077S1	8/ 3/78	362	4	1	6	4	2	3	4	1	7	5	2	1	5	.	.	.	.	M		
ALRU078S1	8/ 3/78	362	4	6	9	9	6	1	6	1	1	3	2	1	5	.	.	.	.	M		
ALRU079S1	8/ 3/78	362	3	1	4	3	2	3	2	1	7	5	2	1	10	.	.	.	.	M		
ALTP001S1	7/ 2/76	6	4	6	3	2	3	3	3	2	2	3	2	2	6	.	.	.	.	M		
ALTP002S1	7/ 2/76	6	4	6	4	3	3	3	1	2	1	3	2	1	5	.	.	.	.	M		
ALTP003S1	7/ 2/76	6	4	6	6	5	4	3	4	1	2	3	2	2	6	.	.	.	.	M		
ALTP005S1	6/30/76	9	4	3	4	2	3	3	3	2	3	3	2	2	6	.	.	.	6	M		
ALTP006S1	6/30/76	9	4	4	4	3	5	4	4	2	3	3	2	4	6	.	.	.	.	M		
ALTP007S1	6/30/76	9	4	6	6	3	4	4	4	2	4	3	2	1	5	.	.	.	.	M		
ALTP008S1	7/ 2/76	6	4	6	5	4	3	3	3	1	4	3	1	1	6	.	.	.	.	M		
ALTP009S1	6/30/76	9	4	4	5	4	3	4	3	2	3	3	2	1	11	.	.	.	.	M		
ALTP010S1	6/30/76	9	4	6	5	3	4	4	3	2	3	3	2	1	5	.	.	.	.	M		
ALTP011S1	7/ 2/76	6	6	7	6	4	4	4	3	4	3	3	2	1	5	.	.	.	.	M		
ALTP012S1	6/30/76	9	4	6	4	2	3	3	3	2	3	3	2	1	5	.	.	.	.	M		
ALTP013S1	6/30/76	9	4	4	5	3	3	3	3	2	2	3	2	1	5	.	.	.	.	M		
ALTP014S1	6/30/76	9	4	4	3	2	3	3	3	2	3	4	2	2	6	.	.	.	.	M		
ALTP015S1	6/29/76	9	4	4	4	2	3	3	1	2	2	2	2	2	5	.	.	.	.	M		
ALTP016S1	7/ 2/76	6	4	8	5	4	4	3	2	1	2	3	2	1	10	.	.	.	.	M		
ALTP018S1	6/27/76	6	3	6	4	2	3	3	1	3	2	3	2	2	5	.	.	.	5	M		
ALTP019S1	6/27/76	6	4	6	5	3	3	3	2	1	2	3	2	2	5	.	.	.	.	M		
ALTP020S1	6/27/76	6	4	6	4	2	4	3	1	1	2	3	2	2	5	.	.	.	.	M		
ALTP021S1	6/27/76	6	4	6	5	2	3	3	1	1	1	3	2	1	5	.	.	.	.	M		
ALTP022S1	6/27/76	6	4	6	5	2	3	3	1	1	2	3	2	1	5	.	.	.	.	M		
ALTP023S1	6/27/76	6	4	6	5	3	3	3	2	1	2	4	2	1	5	.	.	.	5	M		
ALTP025S1	6/26/76	11	3	6	5	2	3	3	1	1	2	2	2	1	5	.	.	.	.	M		
ALTP026S1	6/27/76	6	2	6	4	2	3	3	1	2	2	3	2	1	5	.	.	.	.	M		
ALTP044S1	6/27/76	6	4	6	8	4	3	3	1	3	2	3	2	1	5	.	.	.	A	M		
ALTP046S1	6/24/76	11	4	6	5	2	3	3	1	1	2	3	1	2	6	.	.	.	.	M		
ALTP047S1	6/30/76	6	3	8	4	3	4	4	2	1	4	3	2	1	5	.	.	.	6	M		
ALTP049S1	6/29/76	9	4	6	4	1	3	3	1	2	3	2	2	1	5	.	.	.	6	M		
ALTP050S1	6/29/76	9	4	6	5	3	4	3	1	2	3	4	2	1	5	.	.	.	.	M		
ALTP051S1	6/29/76	9	4	6	4	2	2	3	1	2	3	3	2	1	5	.	.	.	.	M		
ALTP052S1	6/29/76	9	4	6	4	2	3	3	1	2	3	3	2	1	5	.	.	.	.	M		
ALTP053S1	6/26/76	11	4	6	5	1	3	3	1	1	2	3	2	1	5	.	.	.	.	M		
ALTP054S1	6/26/76	11	4	1	4	1	3	3	1	2	3	3	2	1	5	.	.	.	.	M		
ALTP055S1	6/30/76	6	4	6	5	4	4	4	3	3	3	4	2	2	5	.	.	.	.	M		
ALTP056S1	6/29/76	9	4	6	5	3	2	3	2	1	3	3	2	1	5	.	.	.	6	M		

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

---SEDIMENTS---

PHENIX CITY

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11:16 MONDAY, JUNE 15, 1981

***** ***** ***** SRL I.D. ***** ***** *****			SAMP	DATE	TEAM	S E D T Y P E	S E D C O L O R	S T M W I D T H	S T M D E P T H	S T M F L O W	S T M L E V E L	S T M C O L O R	S T M C H A N L	V E G T Y P E	V E G D E N S	R E L I E F	W E A T H E R	C O M P O S I T	C O N T A M N 1	C O N T A M N 2	C O N T A M N 3	C O N T A M N 4	W A T E R T E M P E R A T U R E	***** ***** ***** ***** ***** ***** *****	
ALTP057S1	6/29/76	9	4	6	5	3	4	3	1	2	2	3	2	3	2	1	7	.	.	.	.	6	5	6	M
ALTP058S1	6/29/76	9	4	6	5	3	3	3	1	2	2	2	2	3	2	1	5	.	.	.	.	.	.	.	M
ALTP059S1	6/29/76	9	4	6	6	3	3	3	1	2	3	3	2	3	2	2	5	.	.	.	.	.	6	M	
ALTP060S1	6/30/76	6	4	6	5	3	4	4	3	1	4	3	2	2	3	3	5	.	.	.	.	.	5	M	
ALTP061S1	6/30/76	6	3	6	3	2	3	3	2	2	3	2	2	3	3	2	11	5	.	.	.	.	5	M	
ALTP062S1	6/29/76	9	4	6	6	3	4	3	1	2	3	1	2	3	3	2	5	.	.	.	.	.	.	M	
ALTP063S1	6/25/76	11	4	6	6	2	3	3	1	1	3	1	1	2	3	2	5	.	.	.	.	.	.	M	
ALTP064S1	6/25/76	11	4	4	4	2	4	3	1	2	3	1	2	2	3	3	5	.	.	.	.	.	.	M	
ALTP065S1	6/25/76	11	4	6	5	1	3	3	1	1	3	1	1	2	2	1	5	.	.	5	.	6	6	M	
ALTP067S1	7/ 2/76	6	4	4	2	9	6	1	6	2	4	6	2	4	3	2	1	5	.	.	.	6	.	M	
ALTP068S1	6/30/76	6	3	6	4	3	4	4	4	2	4	4	2	2	3	2	2	6	.	.	.	.	.	M	
ALTP069S1	7/ 2/76	6	3	6	2	2	2	3	4	2	3	4	2	2	3	2	12	6	.	.	.	.	.	M	
ALTP070S1	6/30/76	6	3	6	4	2	4	3	4	1	4	4	1	2	3	2	2	6	.	.	.	.	.	M	
ALTP071S1	7/ 2/76	6	5	4	6	2	4	3	2	2	3	2	2	3	3	2	1	5	.	.	.	.	.	M	
ALTP072S1	7/ 2/76	6	4	6	6	3	3	3	4	1	3	4	1	2	3	2	6	.	.	.	.	.	.	M	
ALTP073S1	6/25/76	11	4	6	4	1	2	3	1	1	3	1	1	3	4	2	5	.	.	.	.	.	.	M	
ALTP074S1	7/ 2/76	6	3	6	5	2	4	3	2	1	3	2	1	2	4	2	7	.	.	.	.	.	.	M	
ALTP075S1	7/ 2/76	6	4	6	6	4	4	3	3	3	3	3	3	2	3	2	7	.	.	.	.	.	.	M	
ALTP077S1	6/25/76	11	2	6	4	1	3	3	1	1	3	1	1	2	3	2	8	.	.	.	.	.	.	M	
ALTP078S1	6/30/76	6	4	6	4	2	3	3	1	1	3	1	1	2	3	2	6	.	.	.	.	.	.	M	
ALTP079S1	6/25/76	11	4	1	5	2	4	3	1	2	3	1	2	2	3	2	5	.	.	.	.	5	.	M	
ALTP080S1	6/30/76	6	4	6	4	2	3	3	4	1	3	4	1	2	3	2	5	.	.	.	.	.	.	M	
ALTP081S1	6/30/76	6	4	6	4	2	4	3	1	1	3	1	1	2	3	2	6	.	.	.	.	.	.	M	
ALTP082S1	6/30/76	6	4	6	4	2	4	3	1	1	3	1	1	2	3	2	5	.	.	.	.	.	.	M	
ALTP083S1	6/27/76	11	4	6	5	3	3	3	1	2	3	1	2	3	2	2	5	.	.	.	.	.	.	M	
ALTP084S1	6/30/76	6	3	6	2	2	2	3	2	2	3	2	2	3	4	2	15	5	.	.	.	.	.	M	
ALTP085S1	6/26/76	12	4	6	5	3	3	3	1	3	3	1	3	2	3	2	5	.	.	.	.	.	.	M	
ALTP087S1	6/26/76	12	4	1	5	2	3	3	1	3	3	1	3	1	3	2	5	.	.	.	.	.	.	M	
ALTP089S1	6/26/76	12	6	5	7	3	2	3	2	1	3	2	1	5	4	2	13	5	.	.	.	.	.	M	
ALTP091S1	6/26/76	12	4	6	2	1	3	3	3	1	3	3	1	3	4	3	6	.	.	.	.	6	.	M	
ALTP092S1	6/27/76	11	4	6	4	1	3	3	1	1	3	1	1	2	3	1	5	.	.	.	.	6	.	M	
ALTP093S1	6/27/76	11	4	6	5	2	3	3	1	1	3	1	1	2	3	2	5	.	.	.	.	.	.	M	
ALTP094S1	6/26/76	12	4	6	7	2	3	3	1	3	3	1	3	3	3	2	6	.	.	.	.	.	.	M	
ALTP095S1	6/26/76	12	4	6	5	3	3	3	1	2	3	1	2	3	4	2	5	.	.	.	.	.	.	M	
ALTP096S1	6/26/76	12	4	6	4	2	2	3	1	3	3	1	3	3	4	2	5	.	.	.	.	.	.	M	
ALTP097S1	6/26/76	12	4	6	3	1	3	3	1	1	3	1	1	3	5	2	5	.	.	.	.	.	.	M	
ALTP098S1	6/26/76	12	4	6	4	1	3	3	1	2	3	1	2	3	4	2	5	.	.	.	.	.	.	M	
ALTP099S1	6/27/76	11	3	6	5	2	3	3	1	2	3	1	2	3	3	2	5	.	.	.	.	.	.	M	
ALTP100S1	6/27/76	11	4	1	4	2	3	3	1	1	3	1	1	2	4	2	6	.	.	.	.	.	.	M	
ALTP101S1	6/25/76	12	4	1	5	2	1	4	1	1	4	1	1	3	4	2	5	.	.	.	.	.	.	M	
ALTP102S1	6/25/76	12	3	6	4	2	3	3	1	1	3	1	1	3	3	2	9	.	.	.	.	.	.	M	
ALTP105S1	6/25/76	12	4	1	6	3	4	3	1	2	3	1	2	2	4	2	6	.	.	.	.	.	.	M	
ALTP108S1	6/23/76	10	4	1	7	3	3	3	1	1	3	1	1	3	5	2	5	.	.	.	.	.	.	M	
ALTP109S1	6/29/76	13	4	6	5	2	2	3	1	1	3	1	1	3	4	2	5	.	.	.	.	.	.	M	
ALTP110S1	6/29/76	13	4	1	5	2	2	3	1	1	3	1	1	3	4	2	5	.	.	.	.	.	.	M	
ALTP111S1	6/25/76	12	2	6	6	2	4	3	3	3	3	3	2	2	4	3	7	.	.	.	.	.	.	M	
ALTP112S1	6/25/76	12	3	6	5	2	3	3	1	1	3	1	1	2	3	2	5	.	.	.	.	.	.	M	
ALTP113S1	6/25/76	12	4	6	5	2	3	3	1	2	3	1	2	2	3	2	5	.	.	.	.	.	.	M	
ALTP115S1	6/23/76	11	4	6	5	2	2	3	1	1	3	1	1	3	3	2	5	.	.	.	.	.	.	M	
ALTP117S1	6/25/76	12	4	6	6	3	3	3	1	1	3	1	1	3	4	1	8	.	.	.	.	.	.	M	

TABLE B-3 SUPPLEMENTARY FIELD AND ANALYTICAL DATA

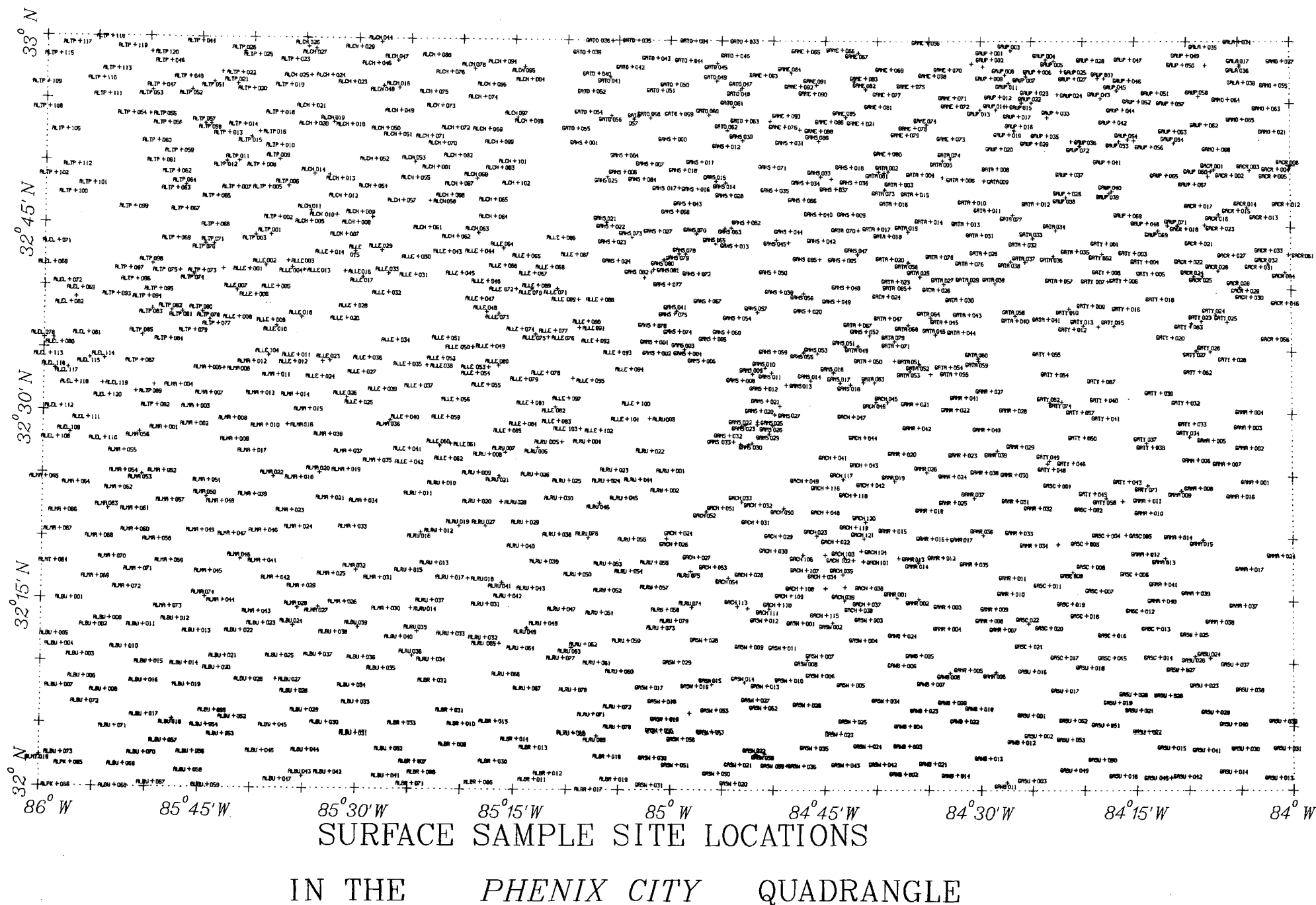
---SEDIMENTS---

PHENIX CITY

SHEET 107
11:16 MONDAY, JUNE 15, 1981

*****			S	S	S	S	S	S	S	S	V	V	R	W	C	C	C	C	C	W	*
*****			E	E	T	T	T	T	T	T	E	E	E	E	O	O	O	O	O	A	*
*****			D	D	M	M	M	M	M	M	G	G	L	A	M	N	N	N	N	T	*
SRL I.D.	SAMPDATE	TEAM	T	C	W	D	F	L	C	C	T	D	I	T	P	T	T	T	T	E	*
*****			Y	O	I	E	L	E	O	H	Y	E	E	H	O	A	A	A	A	R	*
*****			P	L	D	P	O	V	L	A	P	N	F	E	S	M	M	M	M	T	*
*****			E	O	T	T	W	E	O	N	E	S		R	I	N	N	N	N	E	*
*****				R	H	H		L	R	L					T	1	2	3	4	M	*
ALTP118S1	6/25/76	12	4	6	6	4	2	2	2	1	3	4	2	1	11	.	.	.	.	M	
ALTP119S1	6/25/76	12	4	6	6	3	3	3	1	1	3	4	2	1	5	.	.	.	.	M	
ALTP120S1	6/26/76	11	4	6	2	1	2	3	1	1	2	3	2	1	5	.	.	.	.	M	

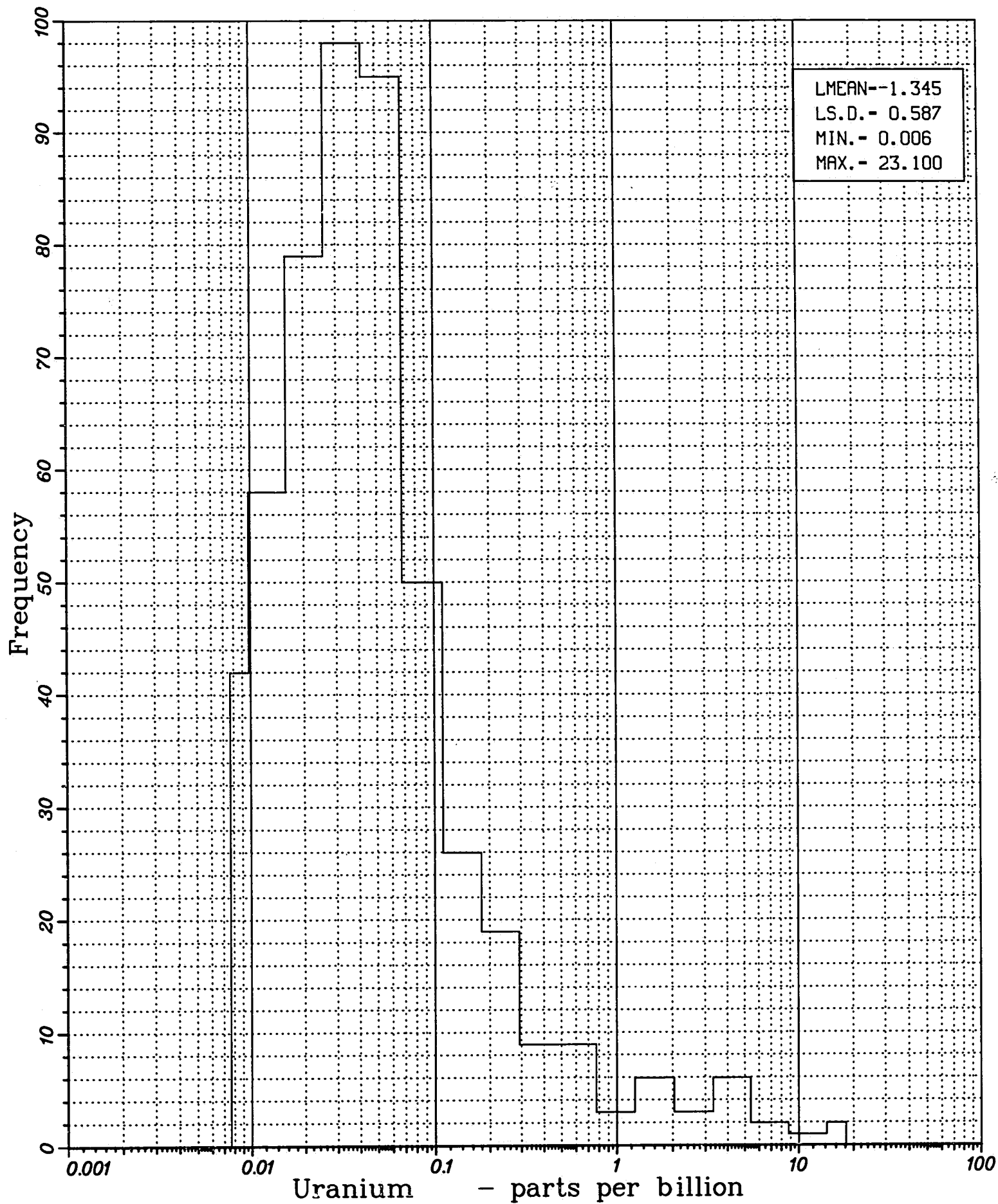
VARIABLE	N	N MISSING	MEAN	C.V.	MINIMUM VALUE	MAXIMUM VALUE	STANDARD DEVIATION	VARIANCE	STD ERROR OF MEAN
U	1105	48	10.6	124.9	1.0	171.0	13.3	176.5	0.4
TH	1094	59	54.2	148.4	2.1	835.8	80.5	6477.1	2.4
HF	1118	35	66.6	152.7	3.0	1437.0	101.8	10358.2	3.0
CE	1051	102	286.5	138.7	20.0	4080.0	397.2	157785.5	12.3
FE	1076	77	25848.3	100.7	2300.0	207100.0	26025.9	677346499.5	793.4
MN	957	196	514.4	123.5	20.0	4770.0	635.5	403841.4	20.3
NA	794	359	2390.7	147.8	100.0	22100.0	3532.7	12479988.7	125.4
SC	1113	40	6.1	93.3	0.5	58.2	5.7	32.1	0.2
TI	952	201	9053.9	94.7	1000.0	70500.0	8572.1	73480636.8	277.8
V	985	168	53.0	106.2	6.0	566.0	56.3	3173.6	1.8
AL	987	166	23180.4	75.0	1600.0	138000.0	17380.8	302092284.6	553.2
DY	925	228	13.4	131.6	1.0	172.6	17.6	309.7	0.6
EU	437	716	3.6	77.9	0.8	25.9	2.8	7.8	0.1
LA	970	183	150.6	139.1	10.0	1979.0	209.6	43918.0	6.7
SM	934	219	25.7	140.8	2.0	367.8	36.2	1309.7	1.2
YB	749	404	15.5	122.6	2.0	227.4	19.0	361.9	0.7
LU	940	213	2.5	198.1	0.2	71.6	5.0	24.9	0.2



Log Histogram
508

PHENIX CITY 1x2 Sheet

Uranium Values - Ground Water Sites
Values Above Detection Limits



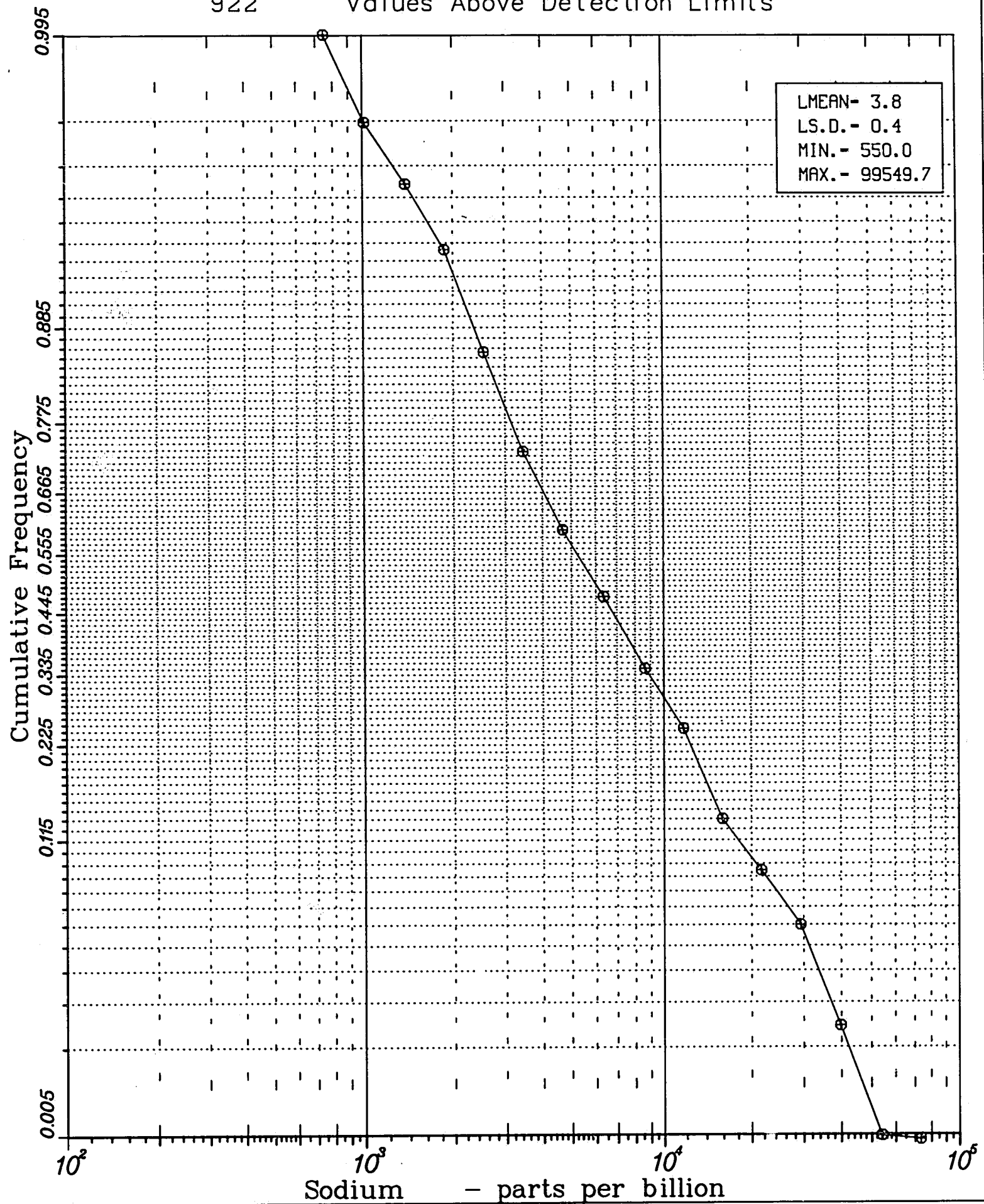
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Sodium Values - Ground Water Sites

922

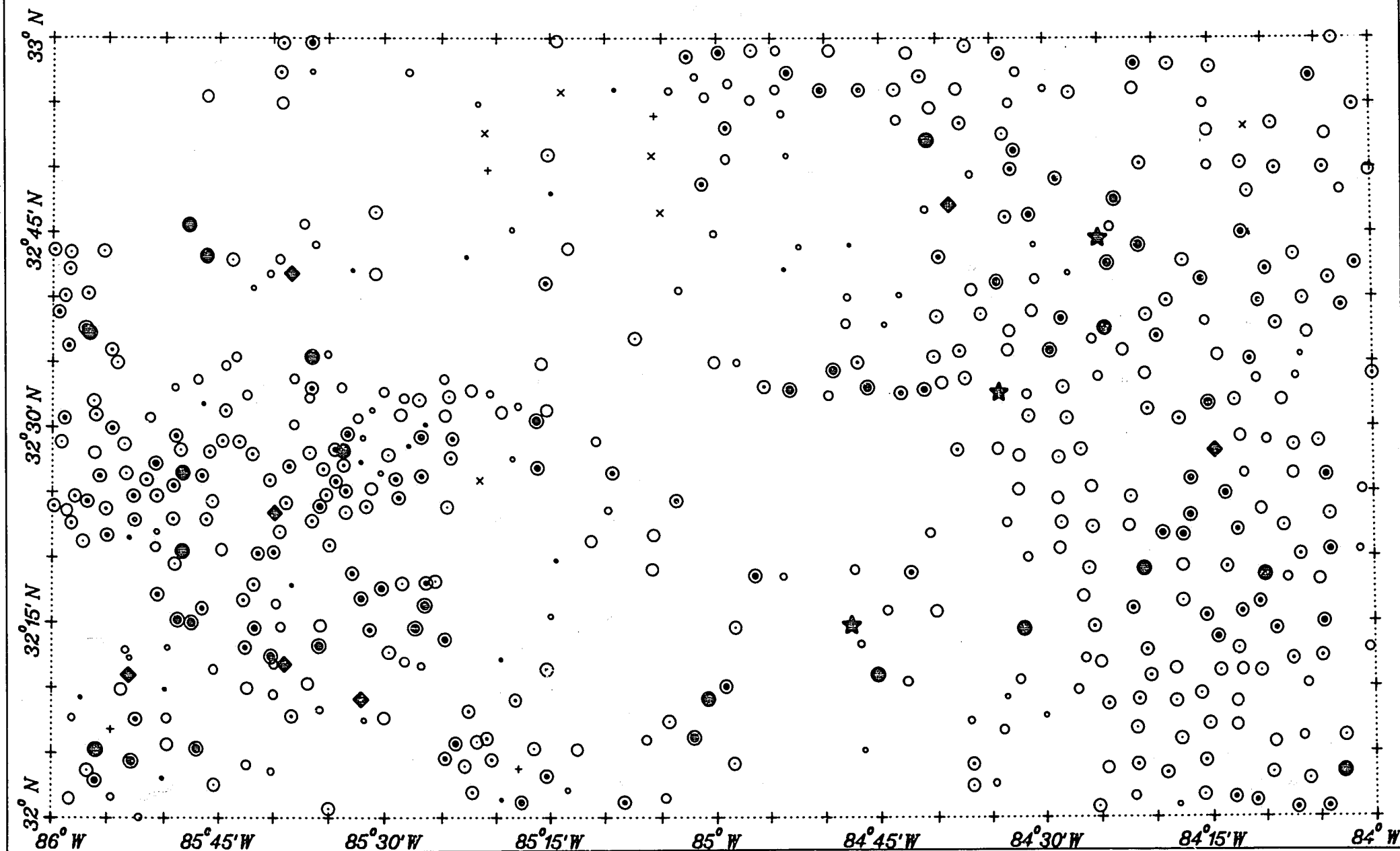
Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Aluminum In Ground Water
510 Values Above D.L.

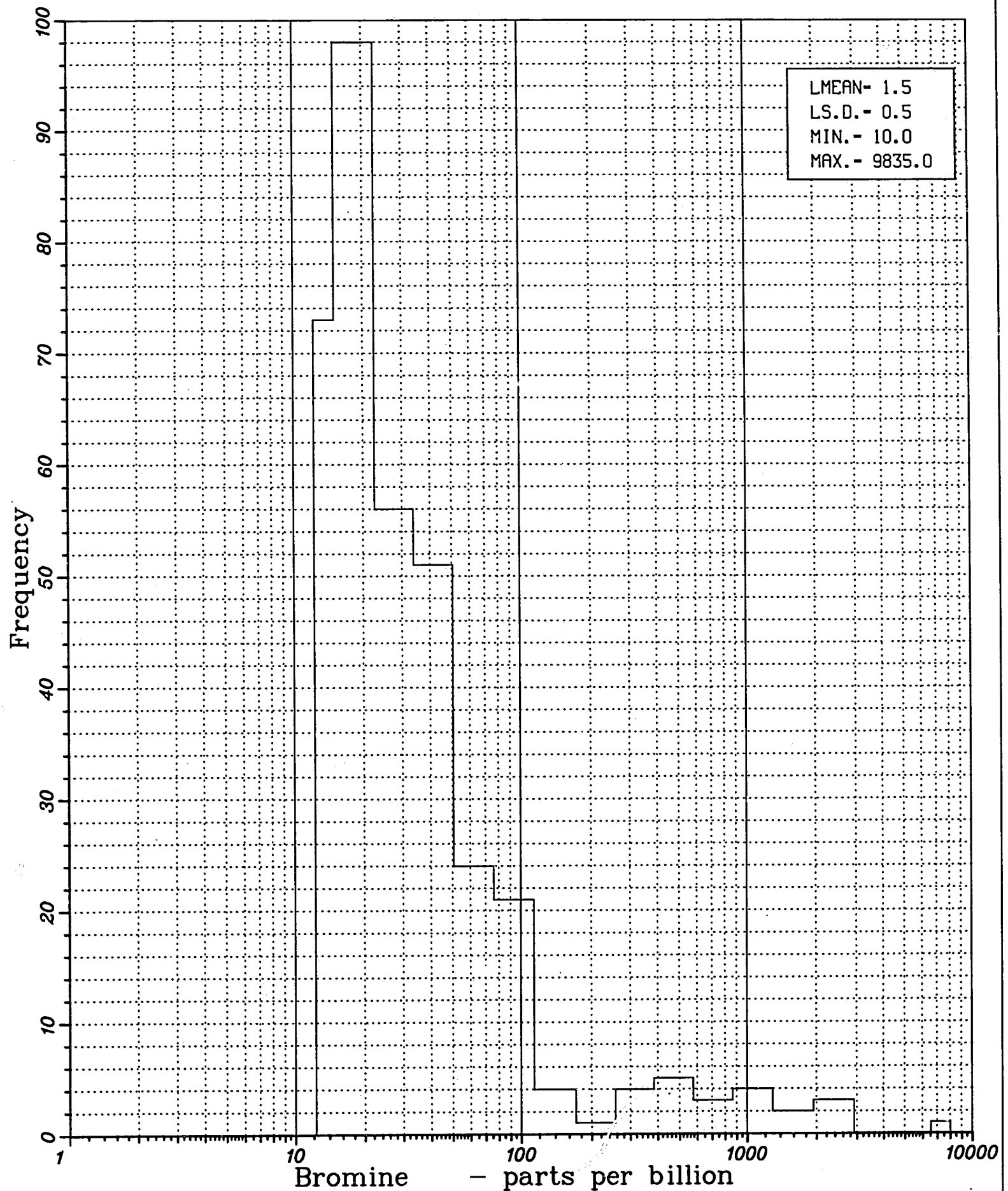
Aluminum concentration - p.p.b.

+ < 60.0	◦ 63.0- 66.0	○ 89.0- 111.0	⊙ 160.0- 212.0	⊗ 448.0- 670.0
x 60.0- 61.0	◦ 66.0- 72.0	⊙ 111.0- 132.0	⊙ 212.0- 282.0	◆ 670.0- 928.0
• 61.0- 63.0	○ 72.0- 89.0	⊙ 132.0- 160.0	⊙ 282.0- 448.0	★ > 928.0



Log Histogram
350

PHENIX CITY 1'x2' Sheet
Bromine Values – Ground Water Sites
Values Above Detection Limits



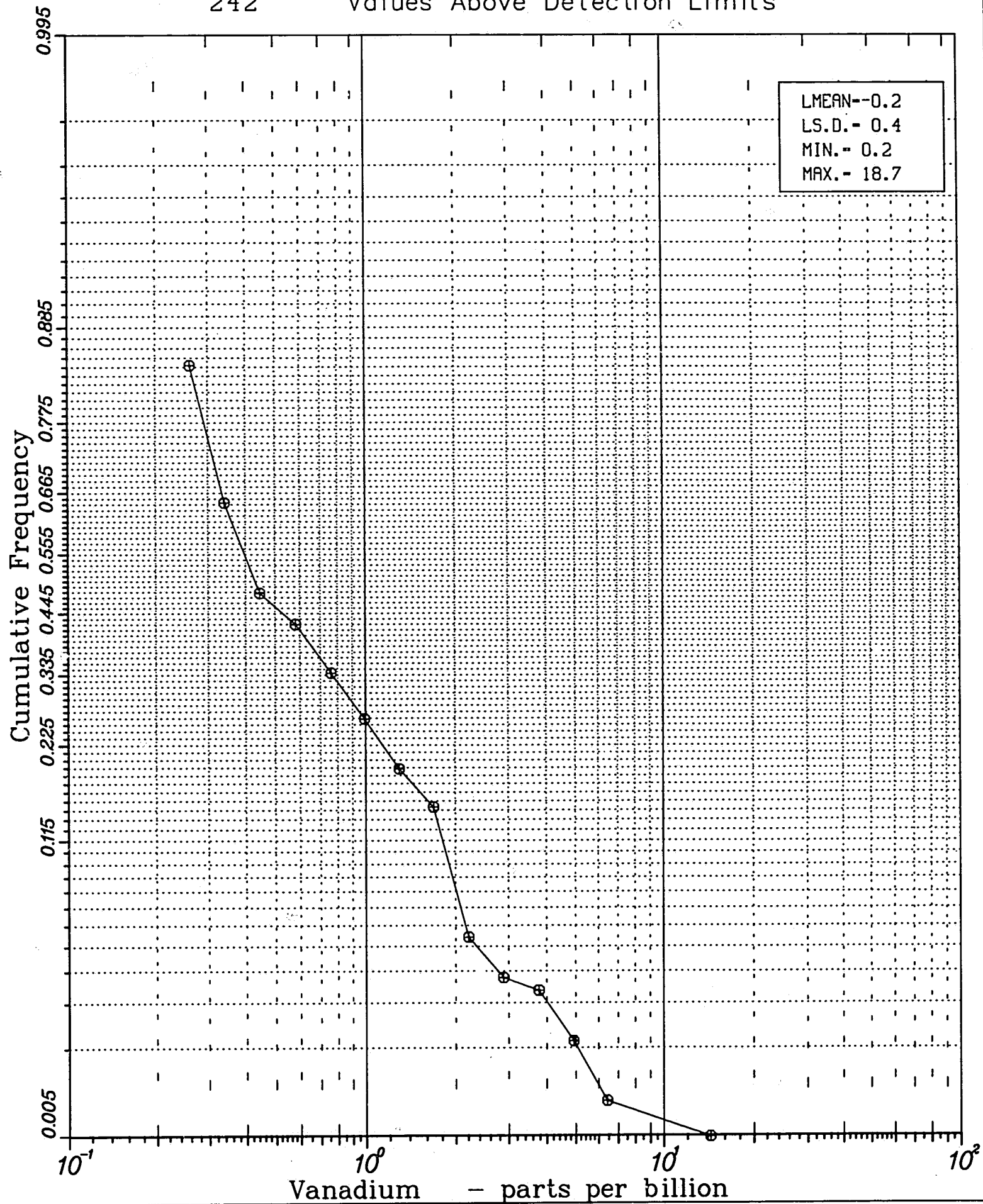
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Vanadium Values - Ground Water Sites

242

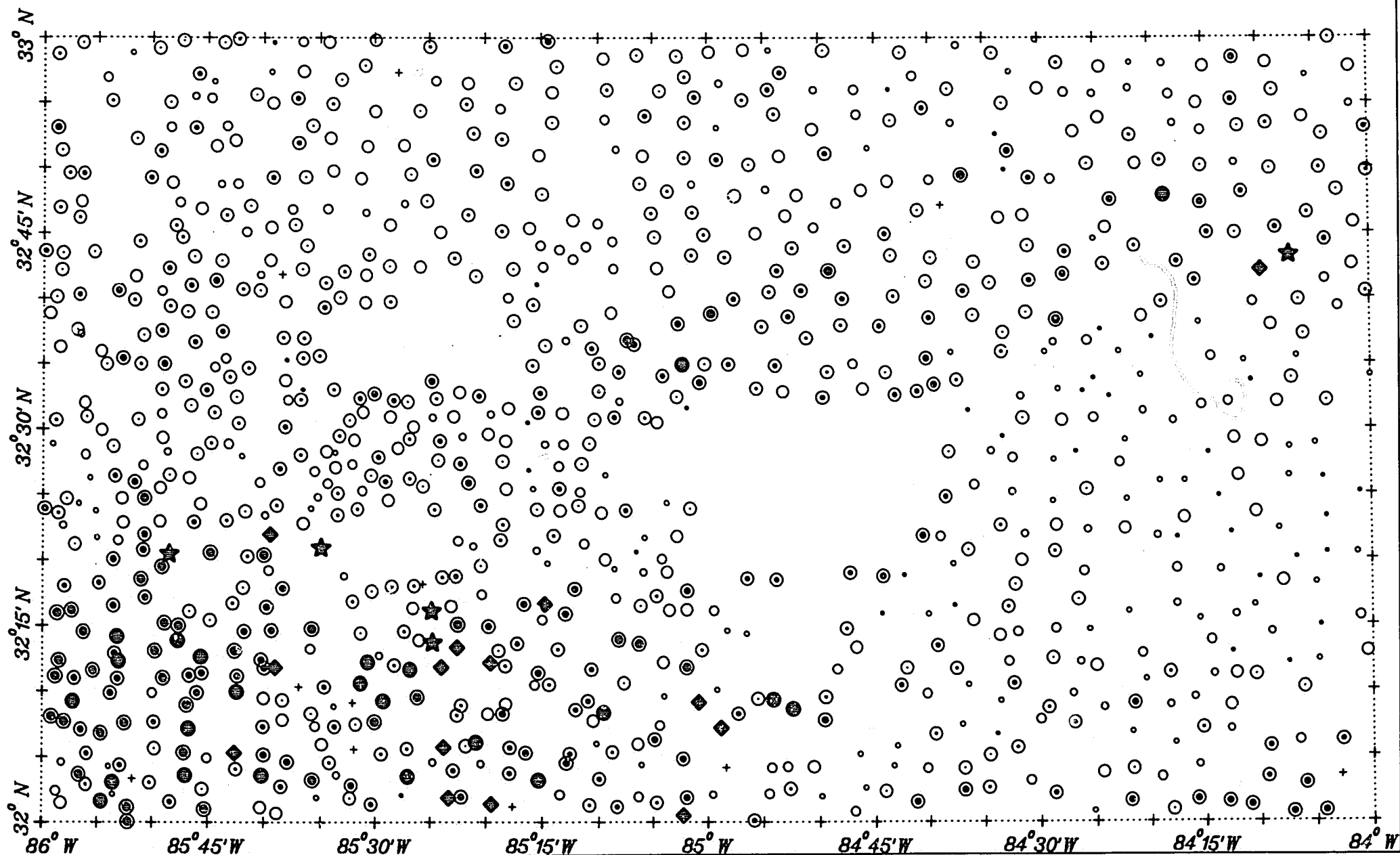
Values Above Detection Limits



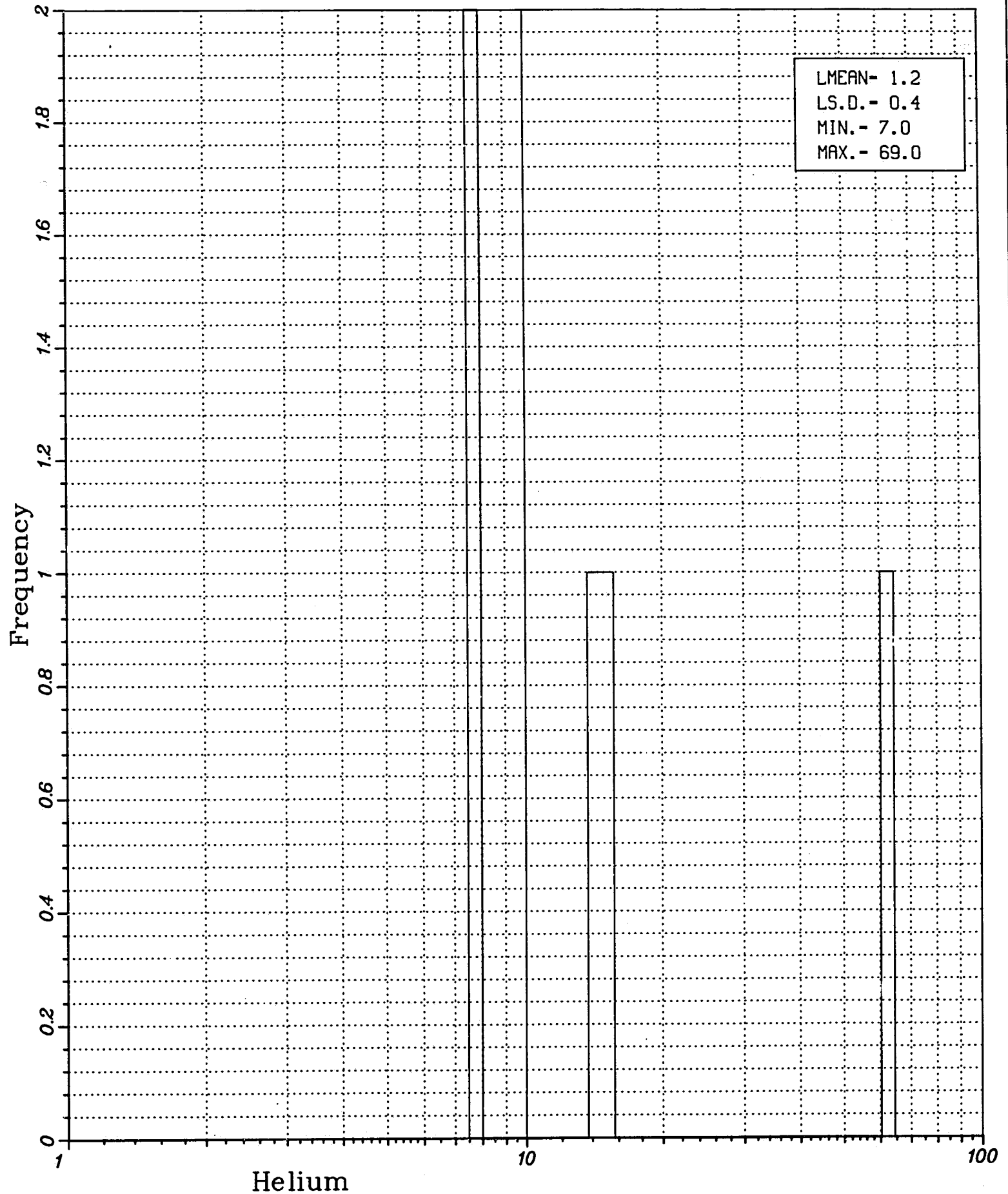
PHENIX CITY 1x2' Sheet
Alkalinity In Ground Water
941 Values Above D.L.

Alkalinity - milliequivalent/liter

+ < 0.01	• 0.02- 0.04	○ 0.10- 0.20	⊙ 0.60- 1.25	⊗ 2.10- 2.70
x 0.01- 0.02	○ 0.04- 0.06	⊙ 0.20- 0.35	⊙ 1.25- 1.70	◆ 2.70- 3.60
• 0.02- 0.02	○ 0.06- 0.10	⊙ 0.35- 0.60	⊙ 1.70- 2.10	★ > 3.60



PHENIX CITY 1'x2' Sheet
Log Histogram Helium Values - Ground Water Sites
4 Values Above Detection Limits

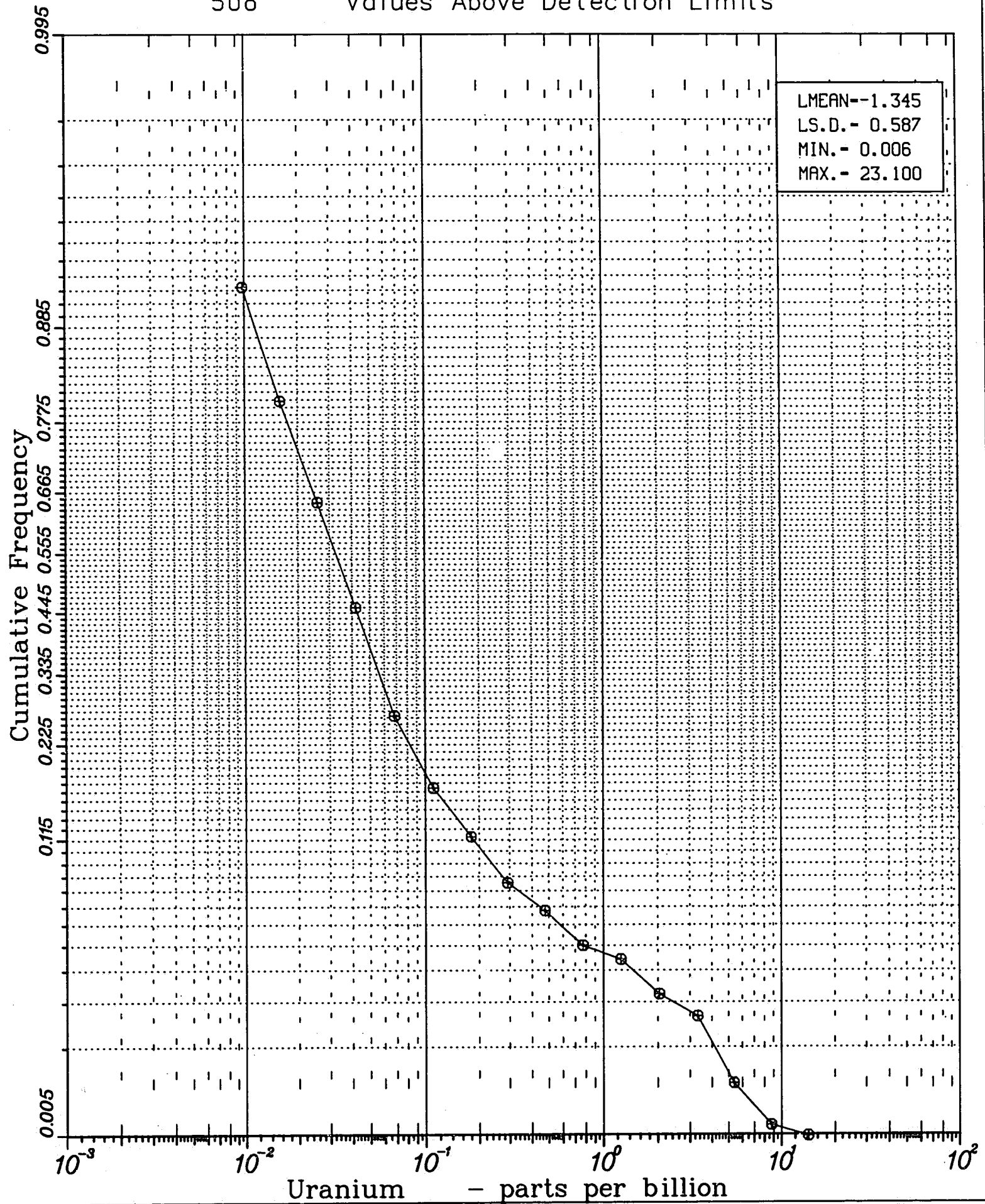


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Uranium Values - Ground Water Sites

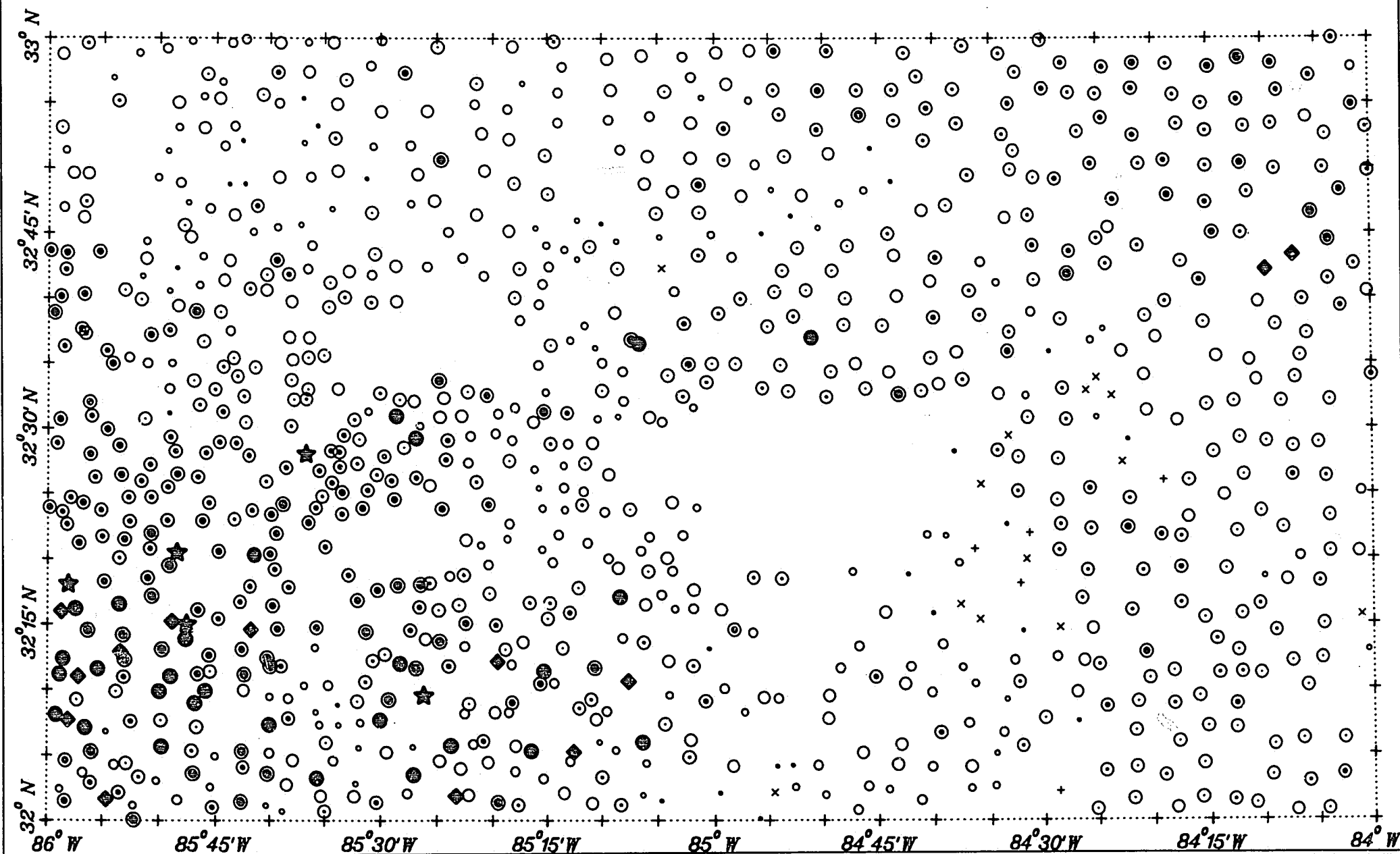
508 Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Sodium In Ground Water
922 Values Above D.L.

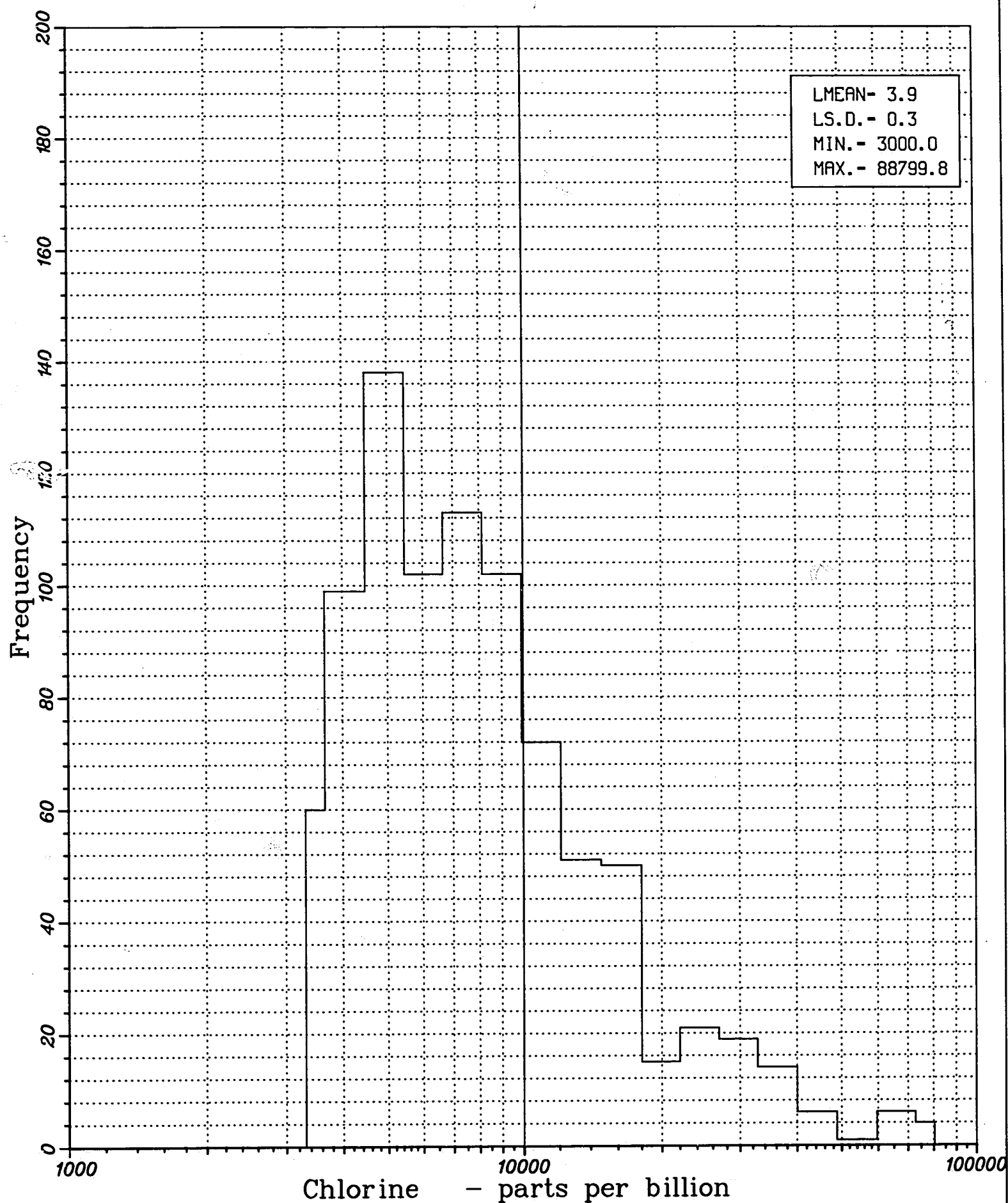
Sodium concentration - p.p.b.

- | | | | | |
|------------------|------------------|-------------------|--------------------|--------------------|
| + < 780.0 | ◦ 1700.0- 2170.0 | ○ 3560.0- 4890.0 | ⊙ 10770.0- 14480.0 | ⊕ 30580.0- 39620.0 |
| x 780.0- 1080.0 | ◦ 2170.0- 2650.0 | ⊙ 4890.0- 7210.0 | ⊙ 14480.0- 21250.0 | ⬢ 39620.0- 49670.0 |
| • 1080.0- 1700.0 | ◦ 2650.0- 3560.0 | ⊙ 7210.0- 10770.0 | ⊙ 21250.0- 30580.0 | ★ > 49670.0 |



Log Histogram
873

PHENIX CITY 1x2' Sheet
Chlorine Values - Ground Water Sites
Values Above Detection Limits



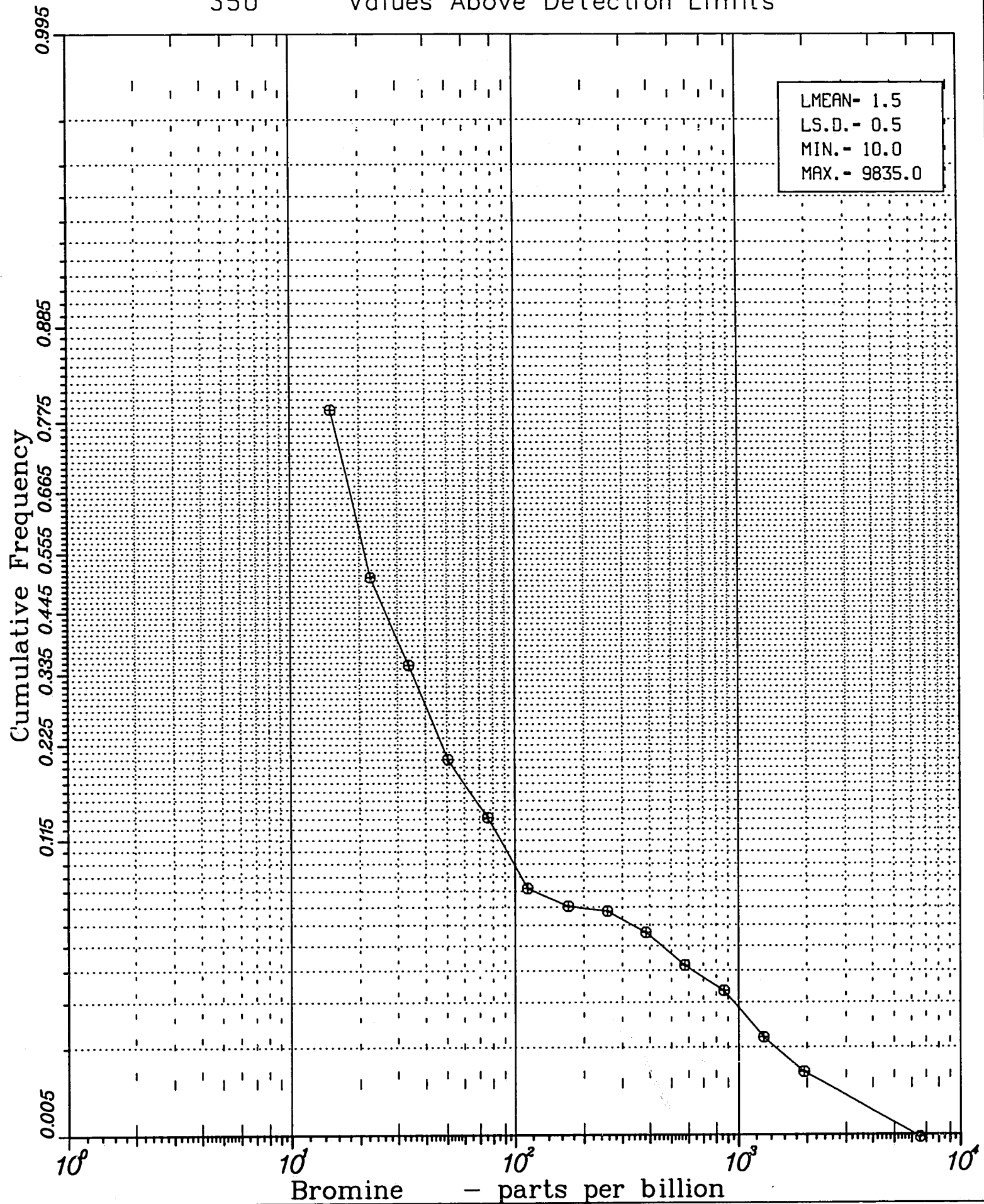
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Bromine Values - Ground Water Sites

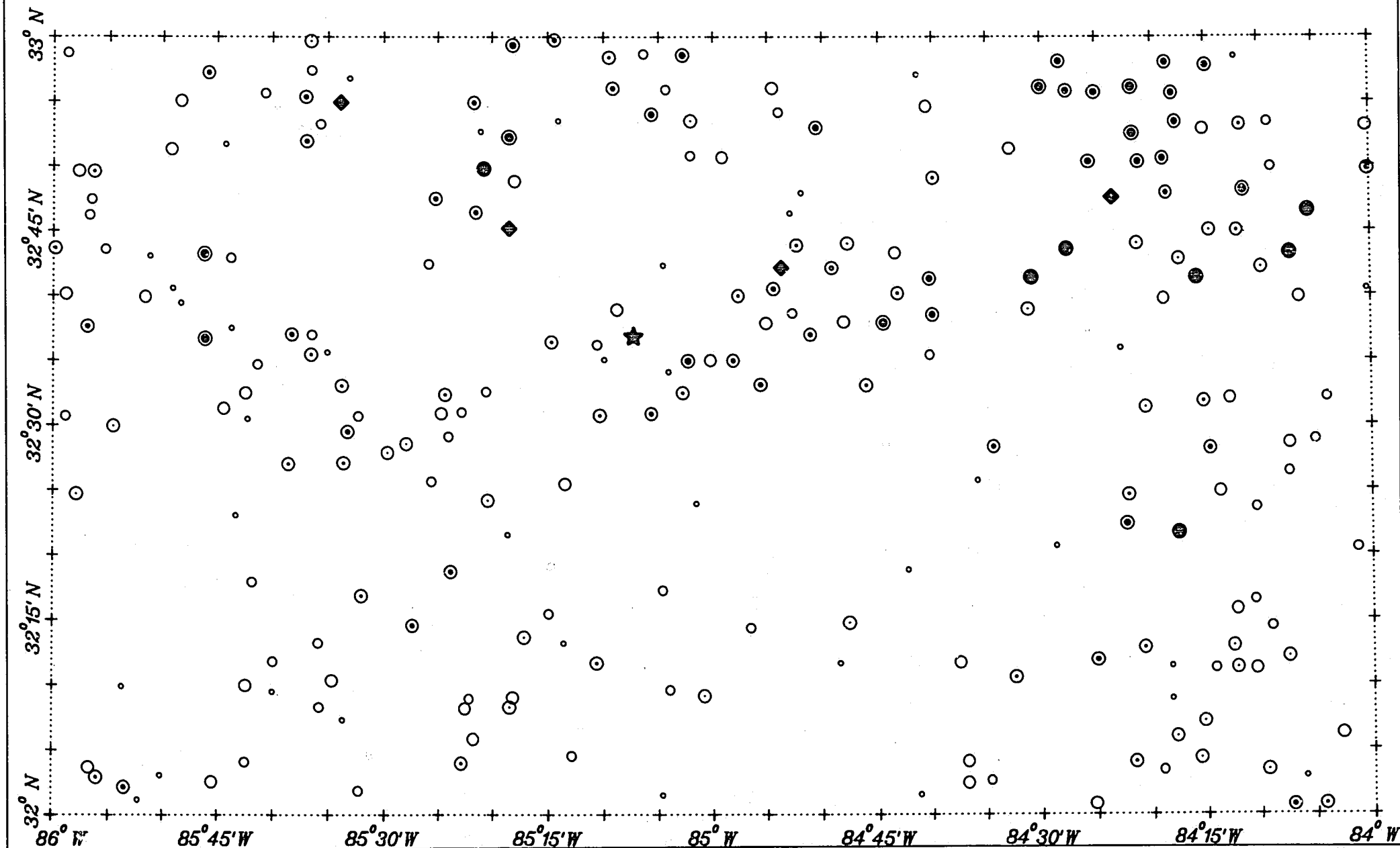
350

Values Above Detection Limits



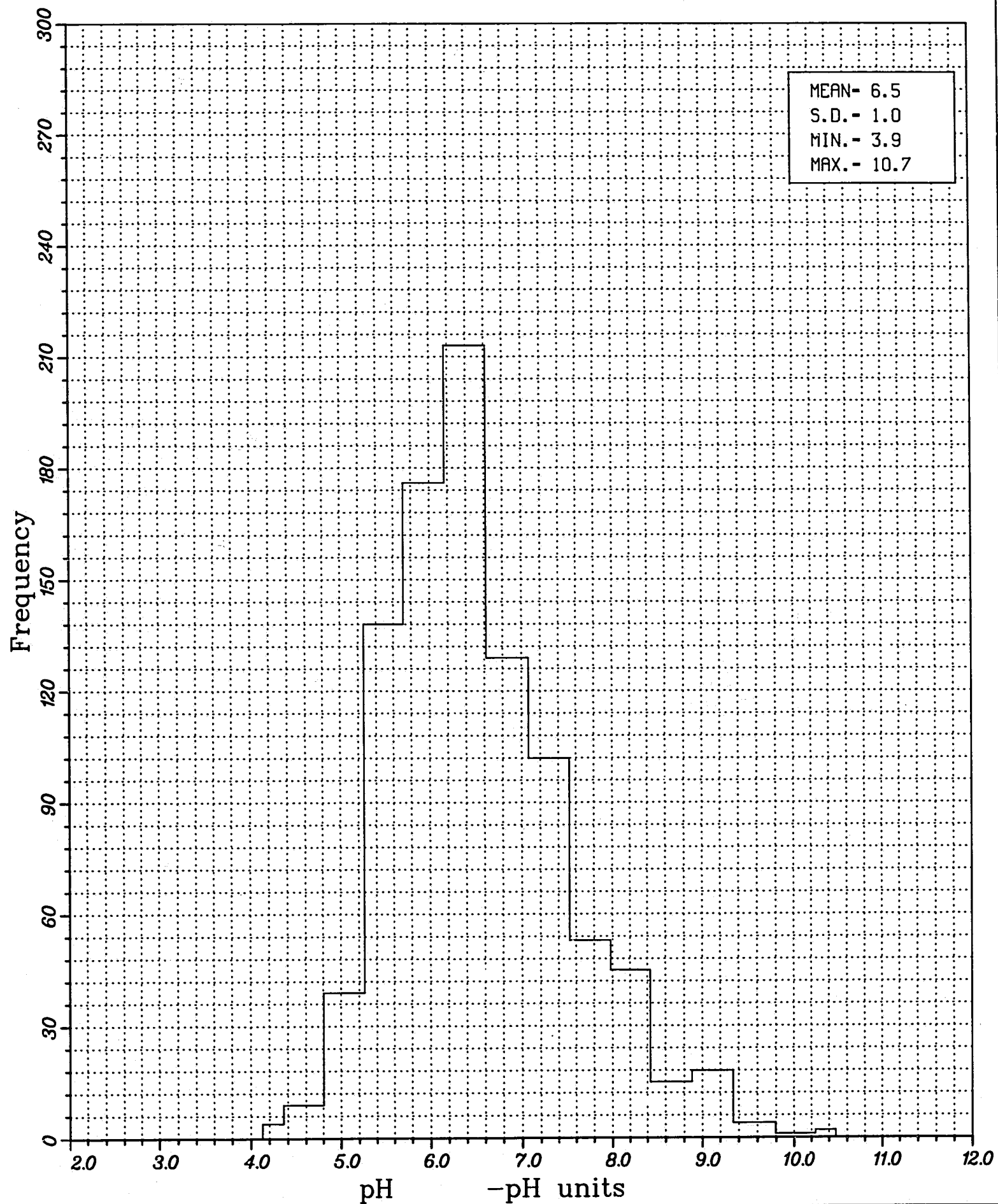
PHENIX CITY 1'x2' Sheet
Vanadium In Ground Water
242 Values Above D.L.

Vanadium concentration - p.p.b.				
+ < 0.20	o 0.20- 0.20	○ 0.30- 0.40	⊙ 0.90- 1.50	⊕ 2.20- 4.50
x 0.20- 0.20	o 0.20- 0.30	⊙ 0.40- 0.60	⊙ 1.50- 2.00	◆ 4.50- 7.60
• 0.20- 0.20	○ 0.30- 0.30	⊙ 0.60- 0.90	⊙ 2.00- 2.20	★ > 7.60



Histogram
948

PHENIX CITY 1'x2' Sheet
pH Values - Ground Water Sites
Values Above Detection Limits

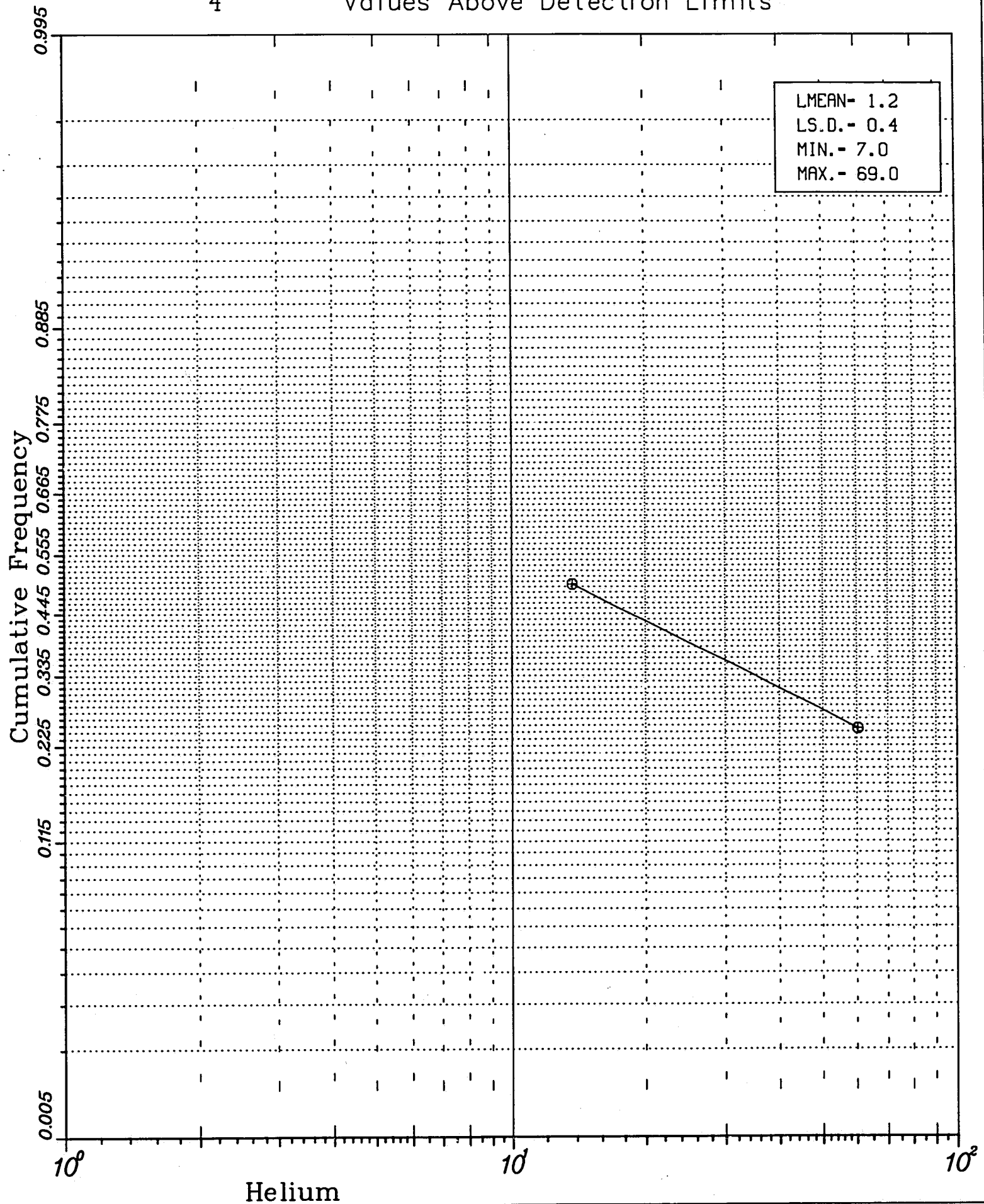


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Helium Values - Ground Water Sites

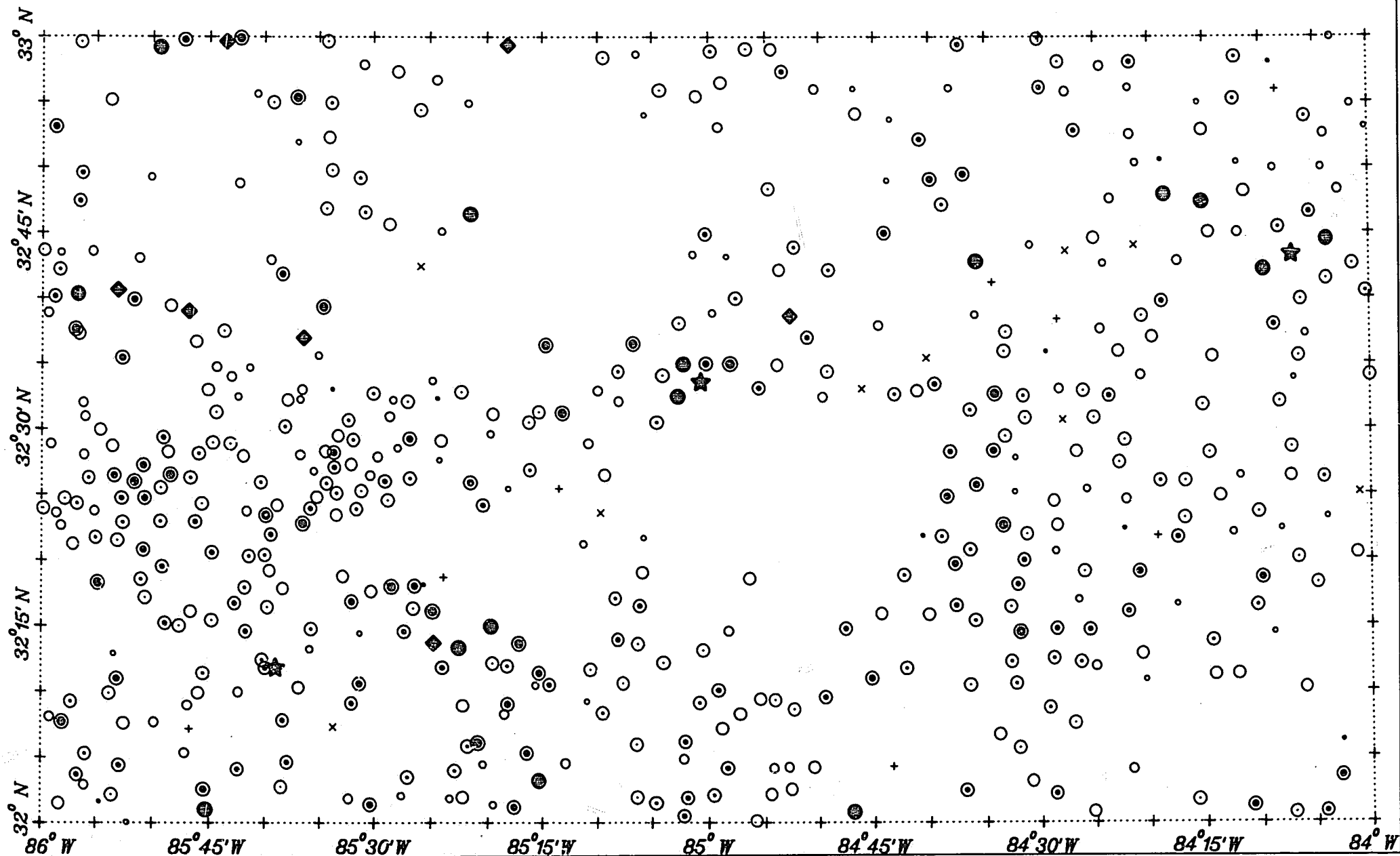
4 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Uranium In Ground Water
508 Values Above D.L.

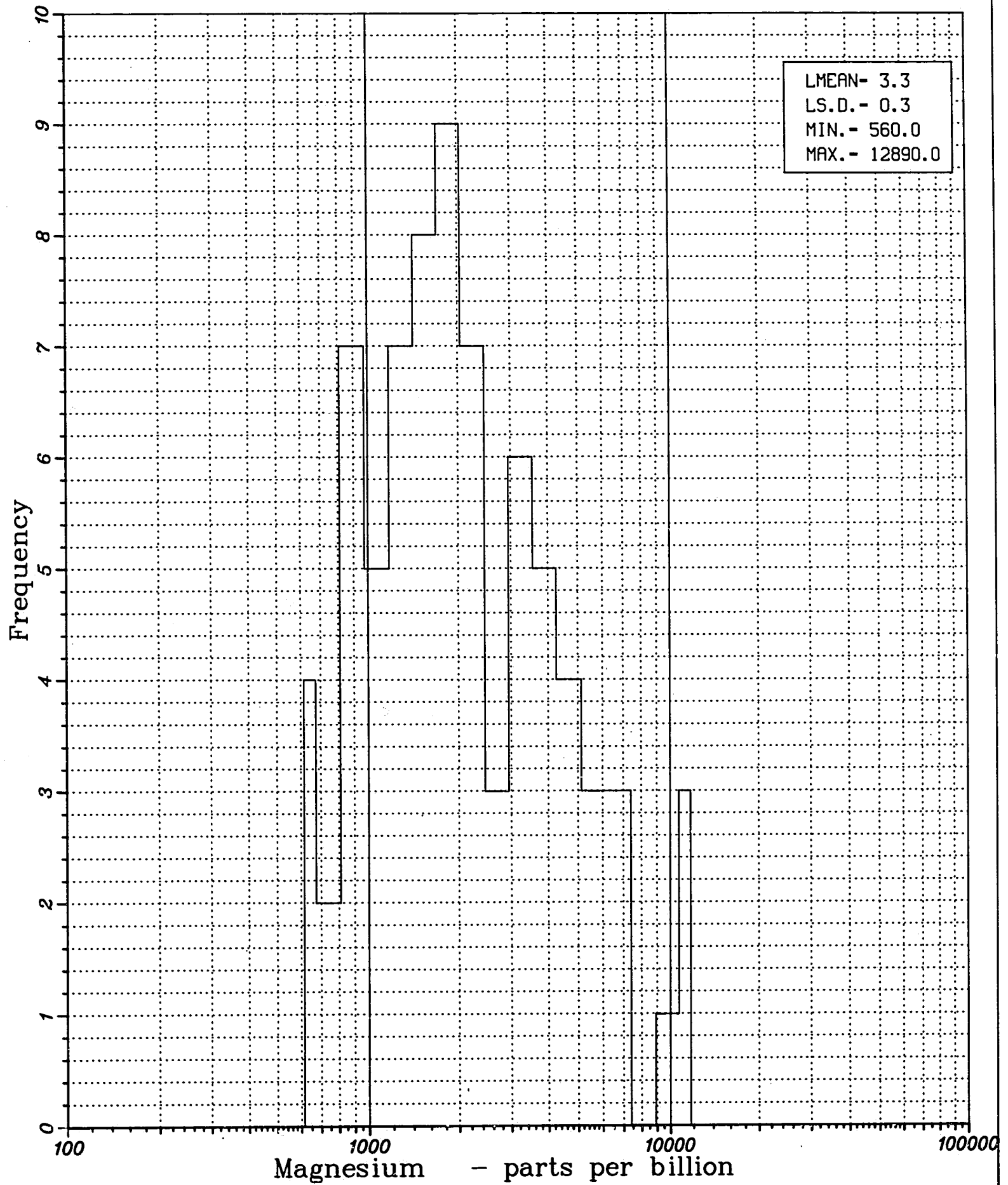
Uranium concentration - p.p.b.

+ < 0.006	• 0.008- 0.010	○ 0.021- 0.031	⊙ 0.067- 0.117	⊗ 0.702- 3.629
x 0.006- 0.007	○ 0.010- 0.014	⊙ 0.031- 0.045	⊙ 0.117- 0.262	◆ 3.629- 6.011
• 0.007- 0.008	○ 0.014- 0.021	⊙ 0.045- 0.067	⊙ 0.262- 0.702	★ > 6.011

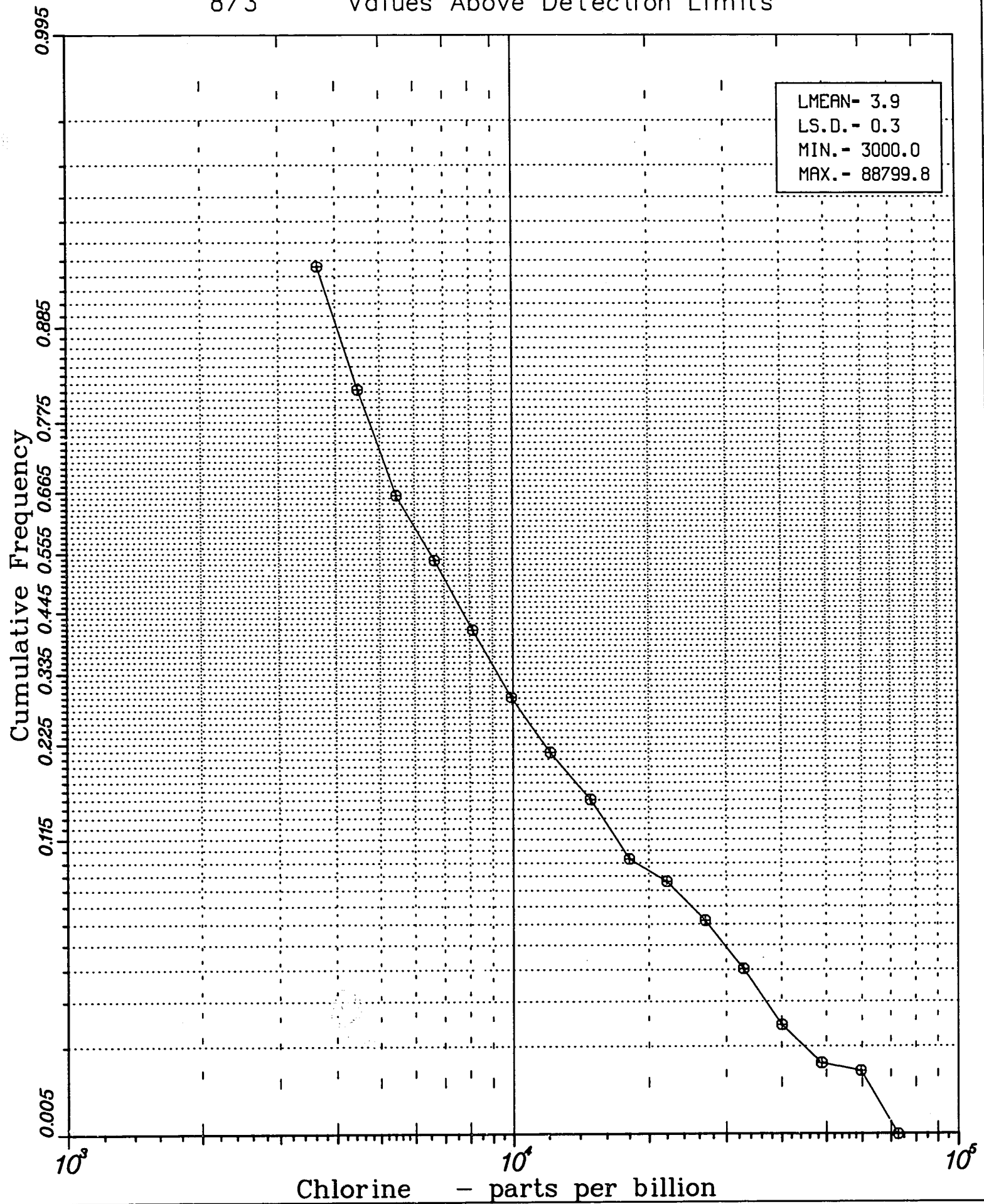


Log Histogram
77

PHENIX CITY 1'x2' Sheet
Magnesium Values - Ground Water Sites
Values Above Detection Limits

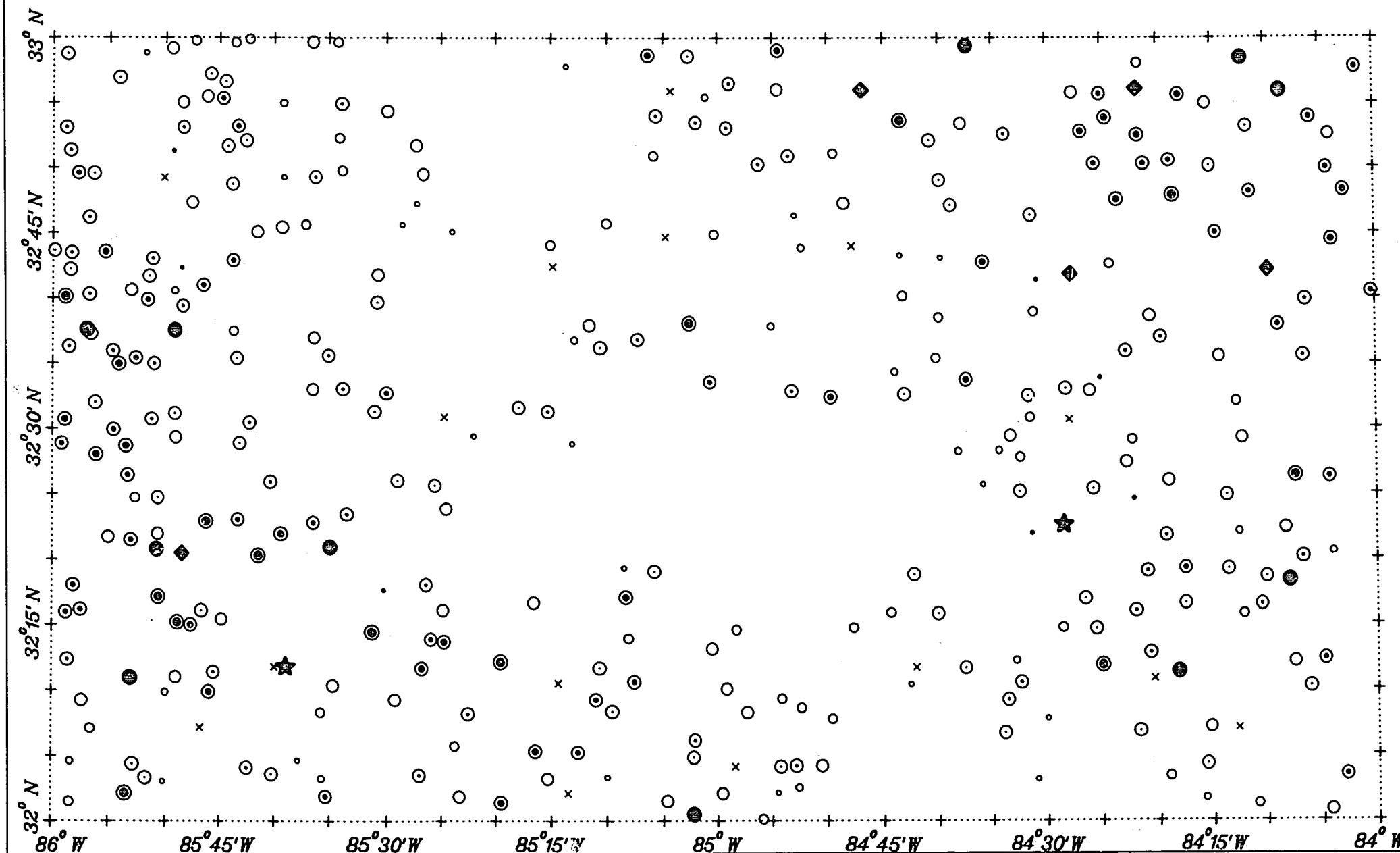


PHENIX CITY 1"x2" Sheet
 Log Cumulative Frequency Plot
 Chlorine Values - Ground Water Sites
 873 Values Above Detection Limits

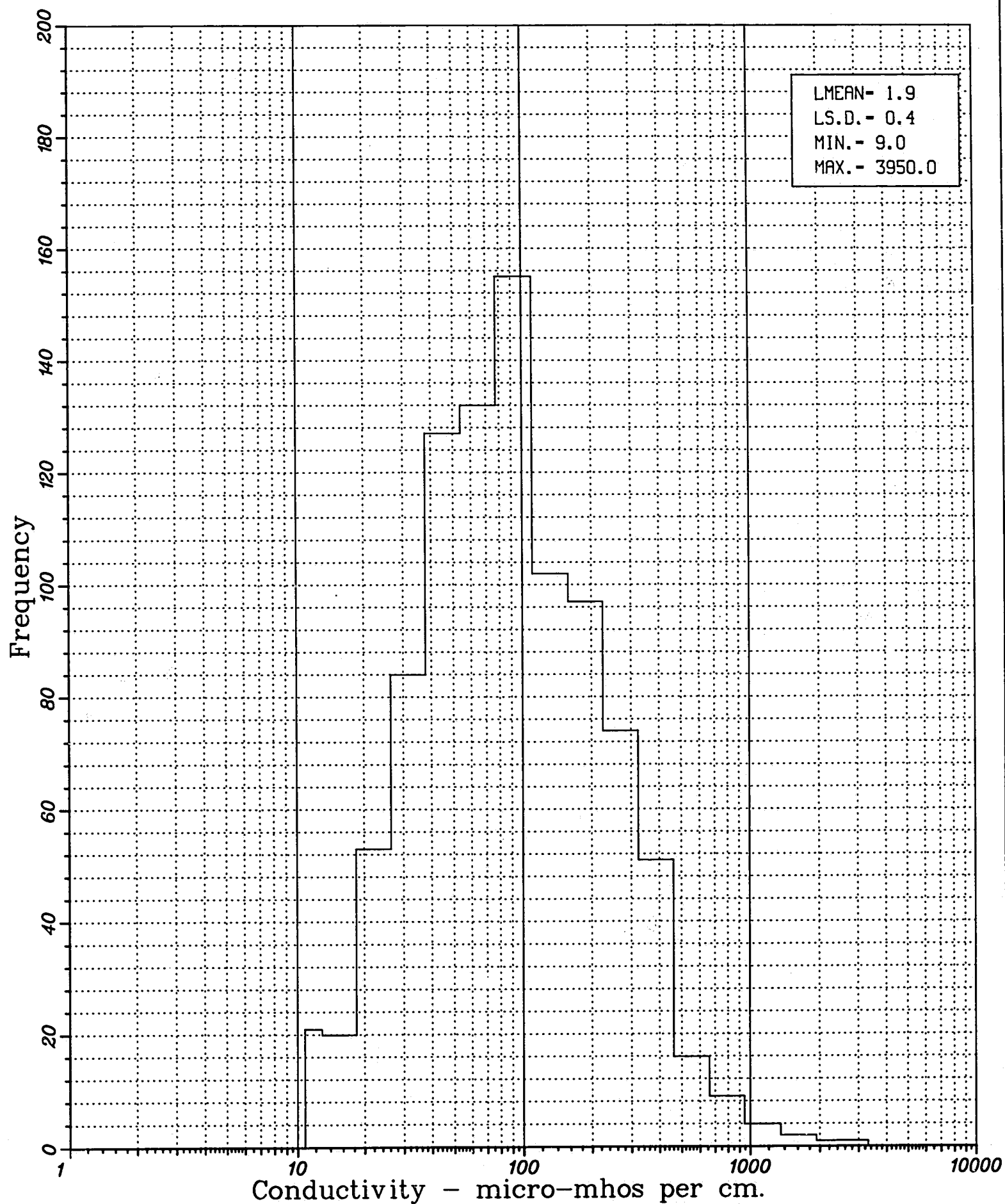


PHENIX CITY 1'x2' Sheet
Bromine In Ground Water
350 Values Above D.L.

Bromine concentration - p.p.b.				
+ < 10.0	o 11.0- 12.0	○ 16.0- 20.0	⊙ 41.0- 65.0	⊗ 370.0- 1130.0
x 10.0- 10.0	o 12.0- 13.0	⊖ 20.0- 28.0	⊕ 65.0- 103.0	⬢ 1130.0- 2481.0
• 10.0- 11.0	○ 13.0- 16.0	⊙ 28.0- 41.0	⊗ 103.0- 370.0	★ > 2481.0



PHENIX CITY 1'x2' Sheet
Log Histogram Conductivity Values - Ground Water Sites
949 Values Above Detection Limits

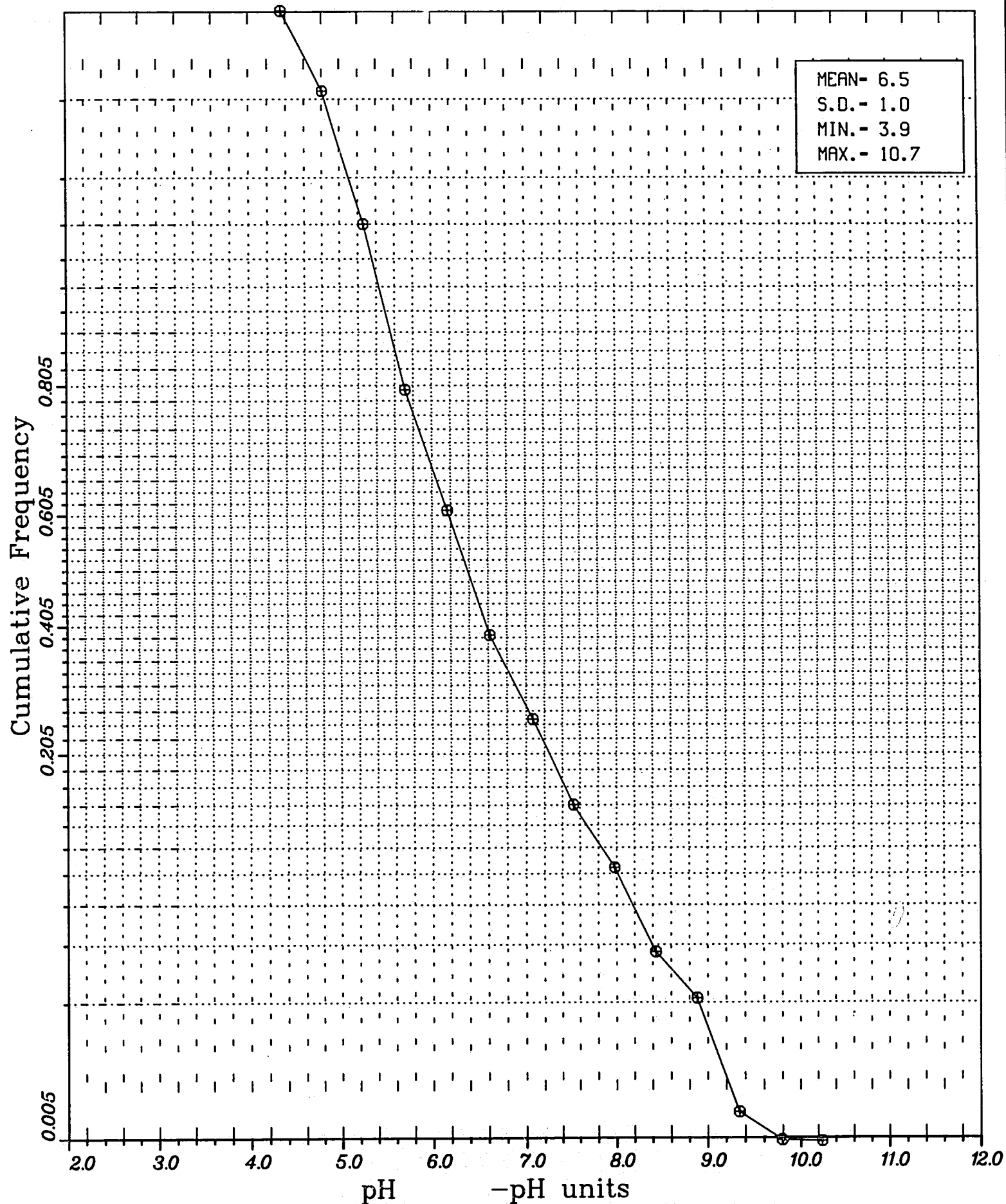


PHENIX CITY 1'x2' Sheet

Cumulative Frequency Plot

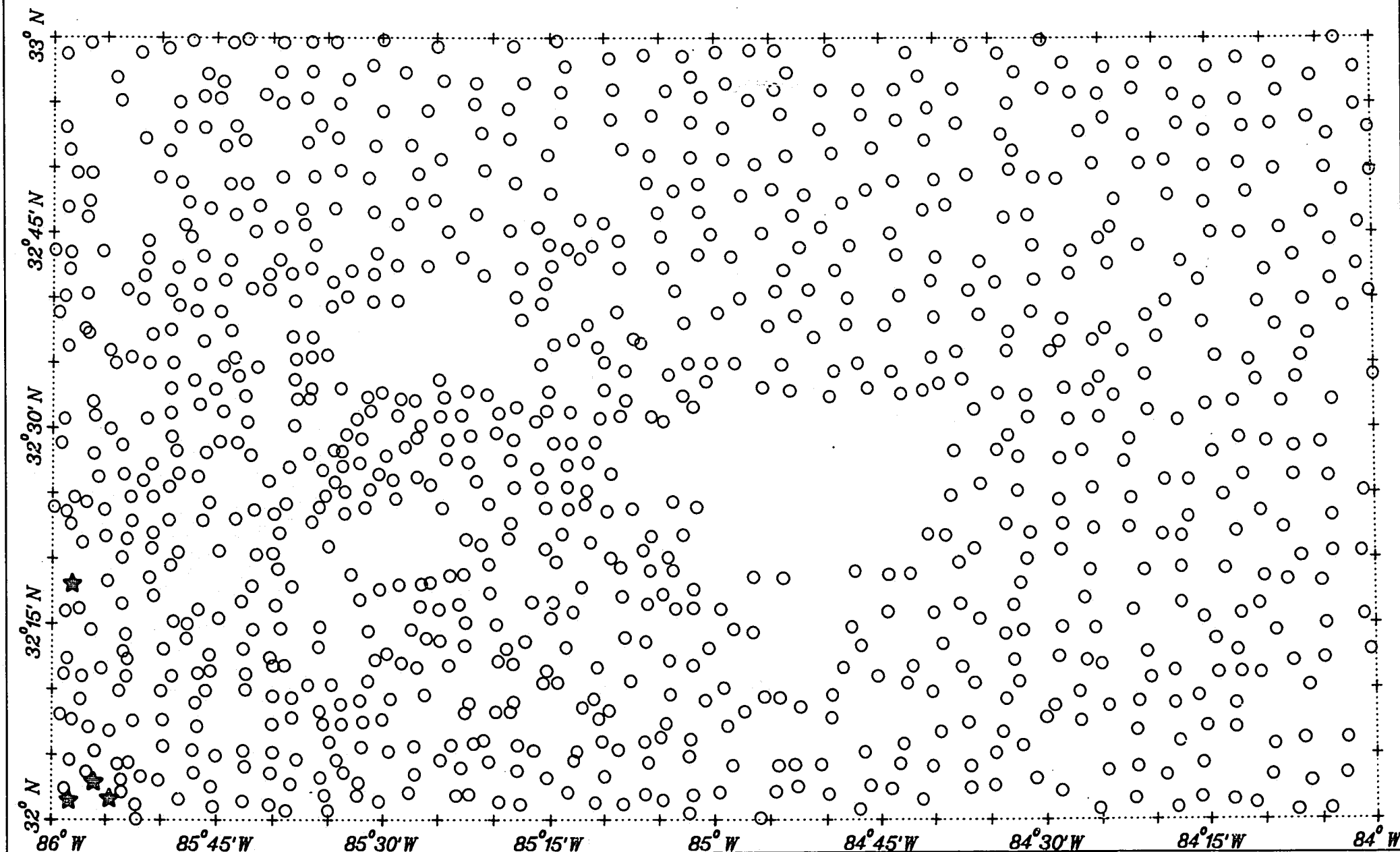
pH Values - Ground Water Sites

948 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Helium In Ground Water
949 Values Above D.L.

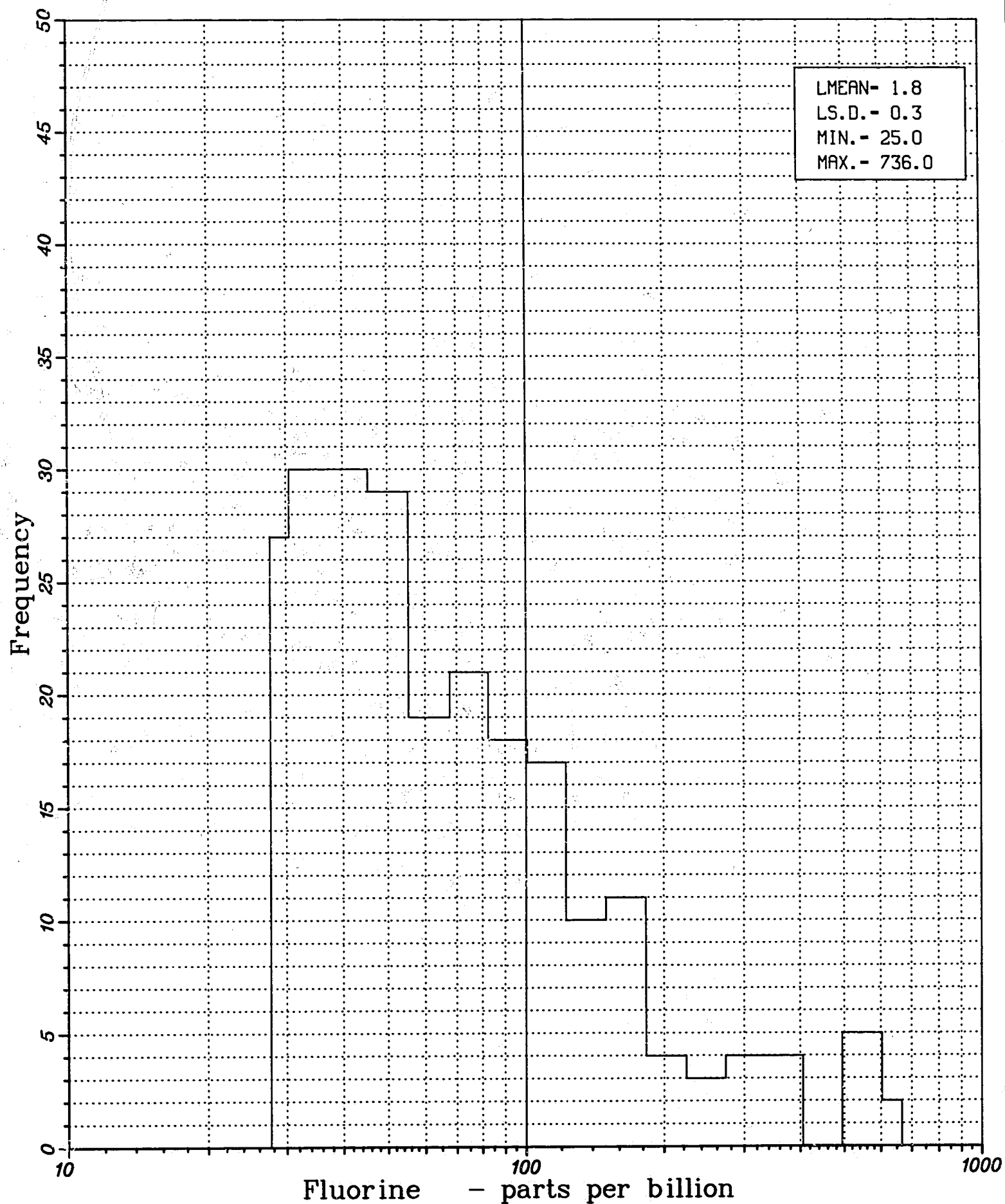
HeLi				
+ < 0.0	• 0.0- 0.0	○ 0.0- 0.0	⊙ 0.0- 0.0	⊗ 0.0- 0.0
x 0.0- 0.0	○ 0.0- 0.0	⊙ 0.0- 0.0	⊙ 0.0- 0.0	◆ 0.0- 0.0
• 0.0- 0.0	○ 0.0- 0.0	⊙ 0.0- 0.0	⊙ 0.0- 0.0	★ > 0.0



Log Histogram
234

PHENIX CITY 1'x2' Sheet

Fluorine Values - Ground Water Sites
Values Above Detection Limits

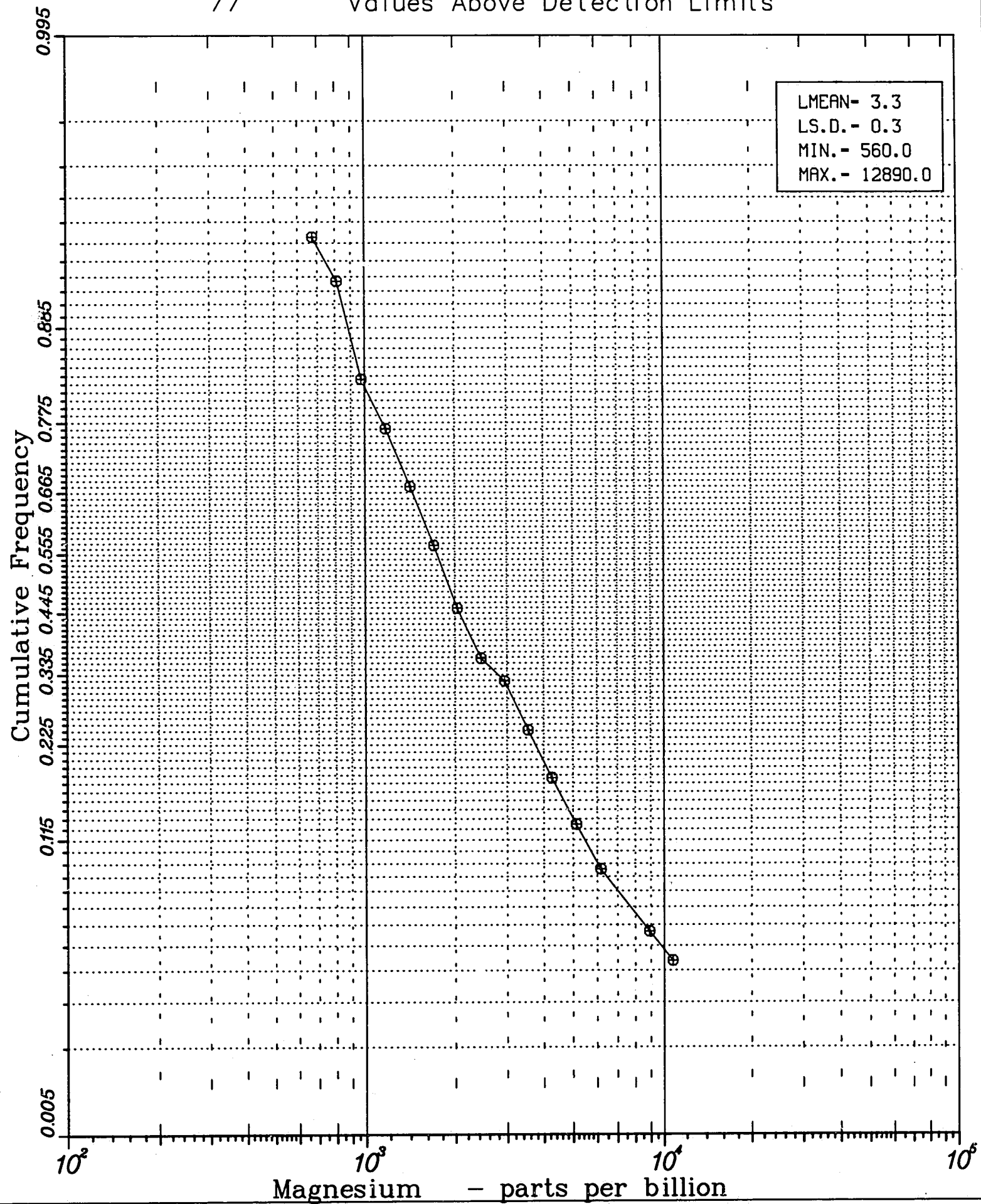


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Magnesium Values - Ground Water Sites

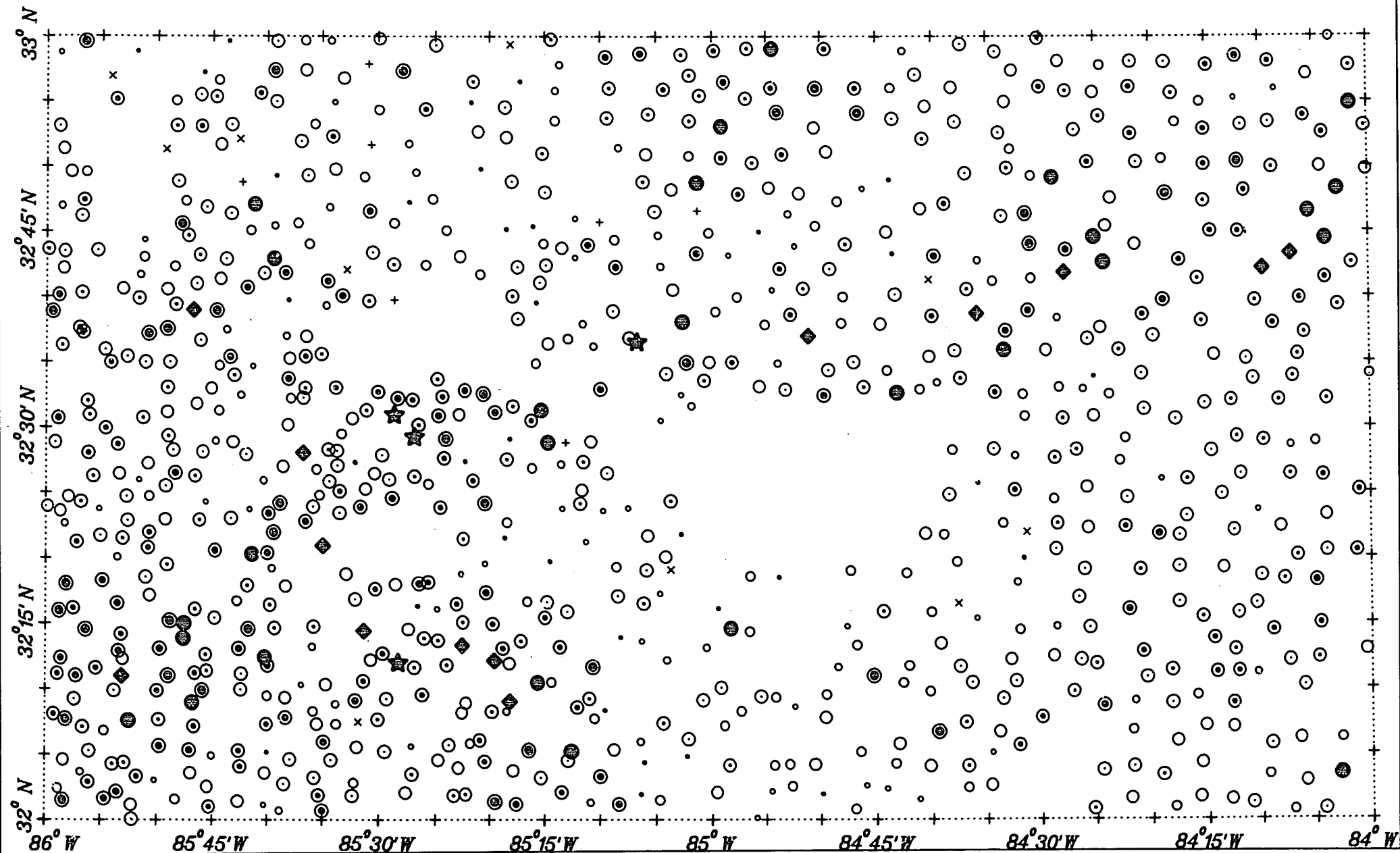
77 Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Chlorine In Ground Water
873 Values Above D.L.

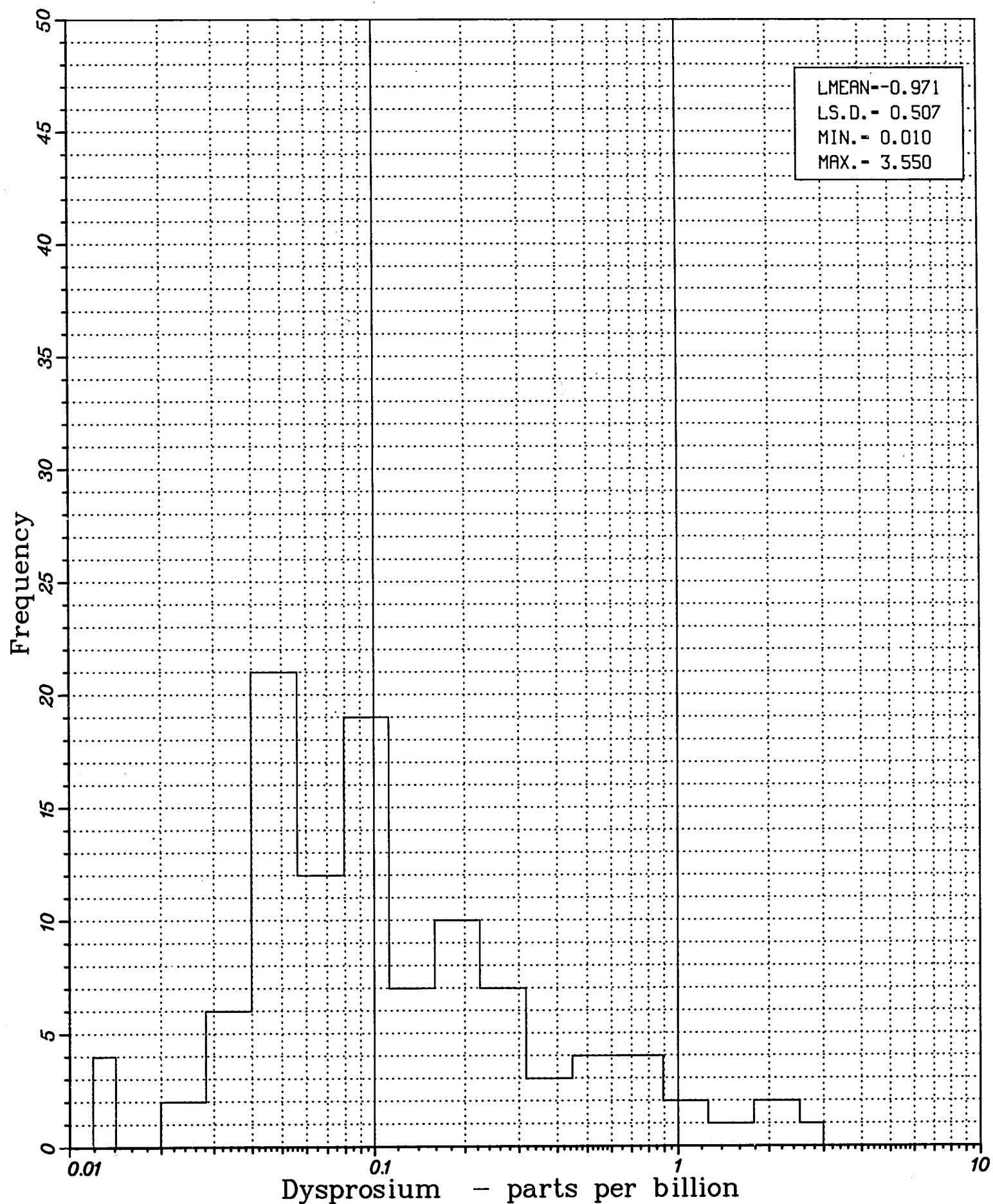
Chlorine concentration - p.p.b.

- | | | | | | | | | | |
|---|----------------|---|----------------|---|-----------------|---|------------------|---|------------------|
| + | < 3100.0 | o | 3500.0- 3900.0 | ○ | 5000.0- 6200.0 | ⊙ | 10600.0- 14200.0 | ● | 28200.0- 39700.0 |
| x | 3100.0- 3200.0 | o | 3900.0- 4300.0 | ⊙ | 6200.0- 8000.0 | ⊙ | 14200.0- 19400.0 | ◆ | 39700.0- 72700.0 |
| • | 3200.0- 3500.0 | ○ | 4300.0- 5000.0 | ⊙ | 8000.0- 10600.0 | ⊙ | 19400.0- 28200.0 | ★ | > 72700.0 |



Log Histogram
105

PHENIX CITY 1x2' Sheet
Dysprosium Values - Ground Water Sites
Values Above Detection Limits



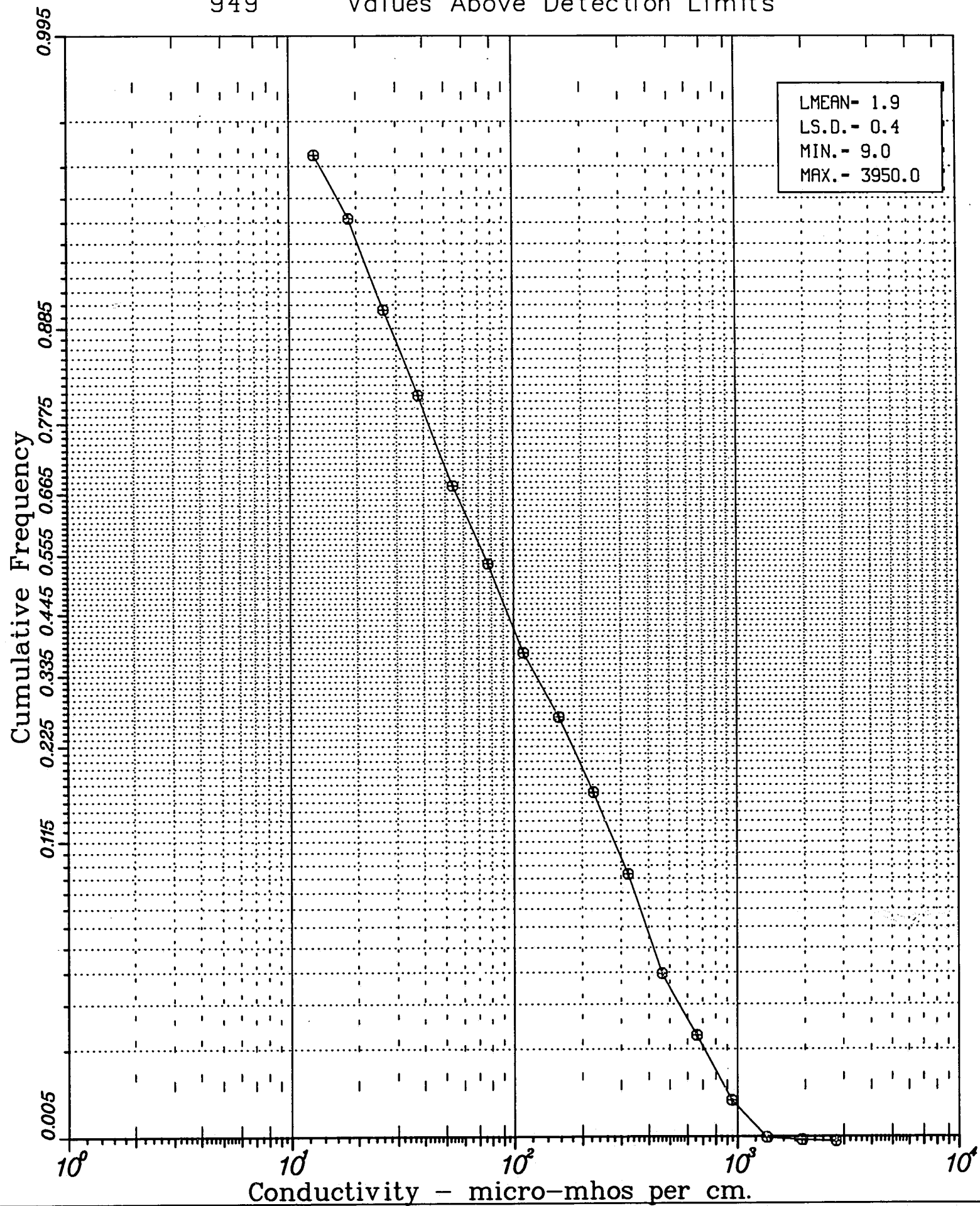
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Conductivity Values - Ground Water Sites

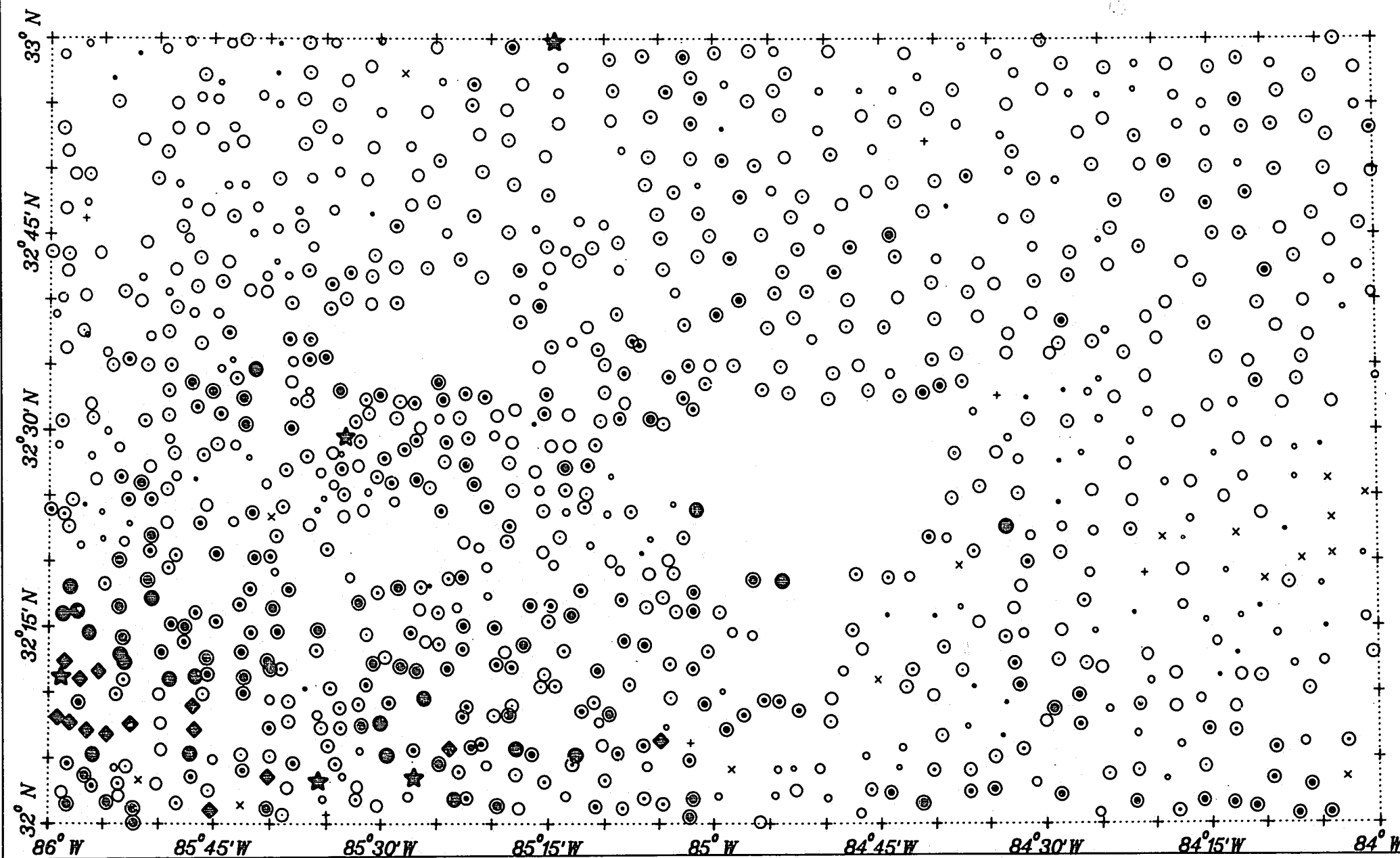
949

Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
pH In Ground Water
948 Values Above D.L.

pH					-pH units				
+ < 4.5	o 5.2- 5.4	○ 5.9- 6.2	⊙ 7.0- 7.5	● 8.4- 9.1					
x 4.5- 4.9	o 5.4- 5.6	⊙ 6.2- 6.6	⊙ 7.5- 7.9	◆ 9.1- 9.4					
• 4.9- 5.2	○ 5.6- 5.9	⊙ 6.6- 7.0	⊙ 7.9- 8.4	★ > 9.4					



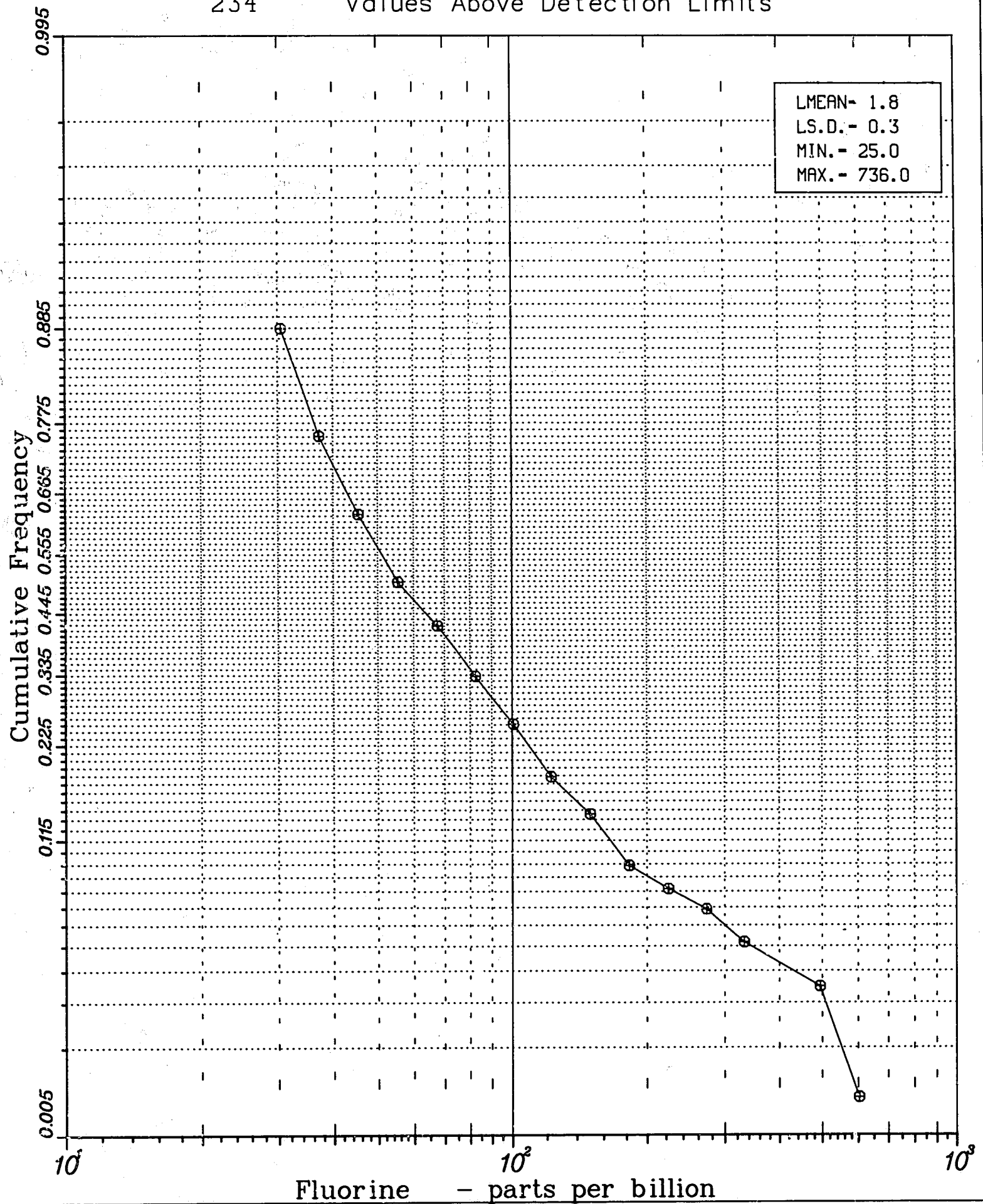
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Fluorine Values - Ground Water Sites

234

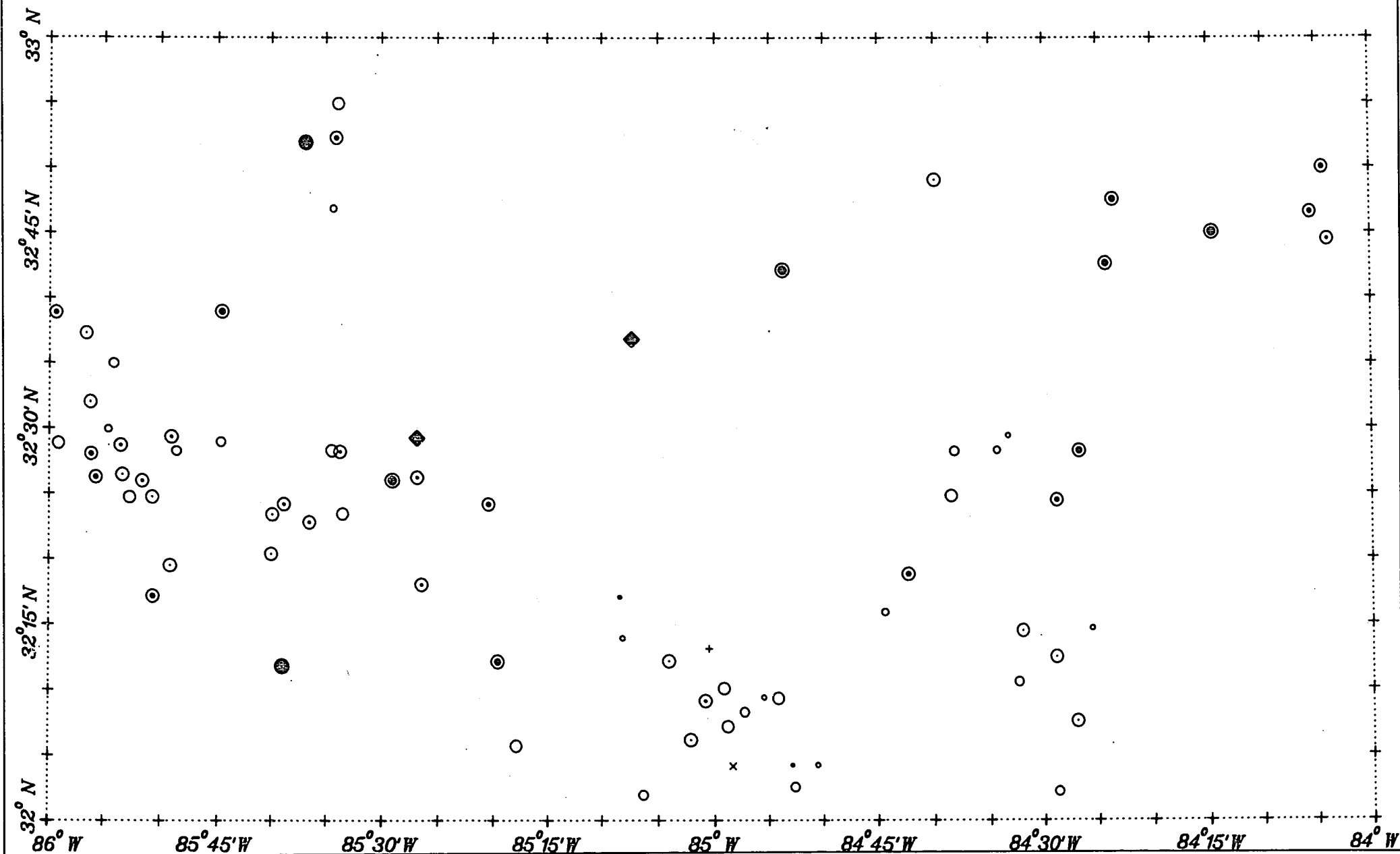
Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Magnesium In Ground Water
77 Values Above D.L.

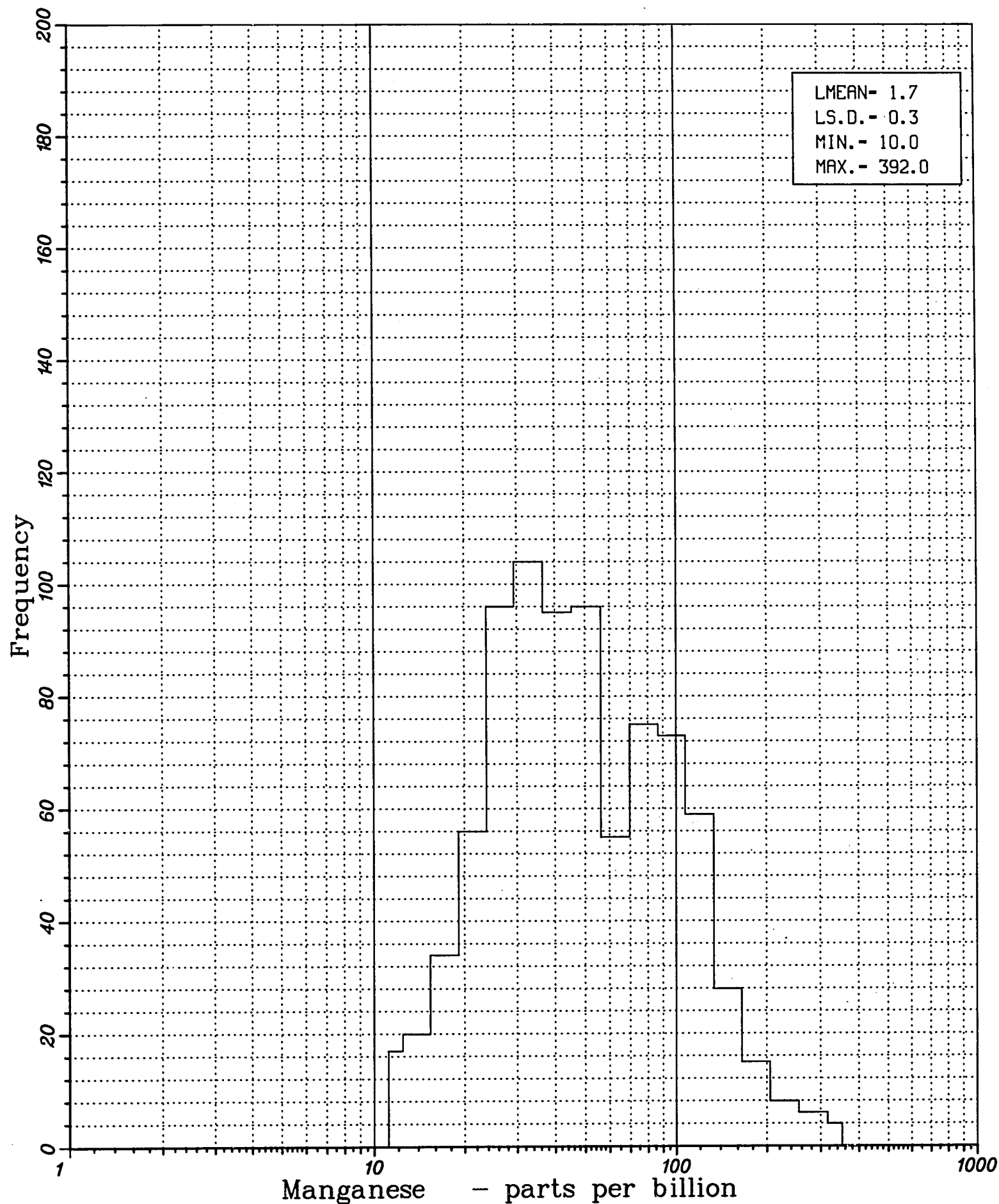
Magnesium concentration - p.p.b.

+ < 560.0	◦ 610.0- 840.0	○ 1290.0- 1610.0	⊙ 3190.0- 4700.0	⊗ 7050.0- 10990.0
x 560.0- 570.0	◦ 840.0- 940.0	⊙ 1610.0- 2120.0	⊙ 4700.0- 5890.0	⬢ 10990.0- 12890.0
• 570.0- 610.0	◦ 940.0- 1290.0	⊙ 2120.0- 3190.0	⊙ 5890.0- 7050.0	★ > 12890.0



Log Histogram
841

PHENIX CITY 1'x2' Sheet
Manganese Values - Ground Water Sites
Values Above Detection Limits



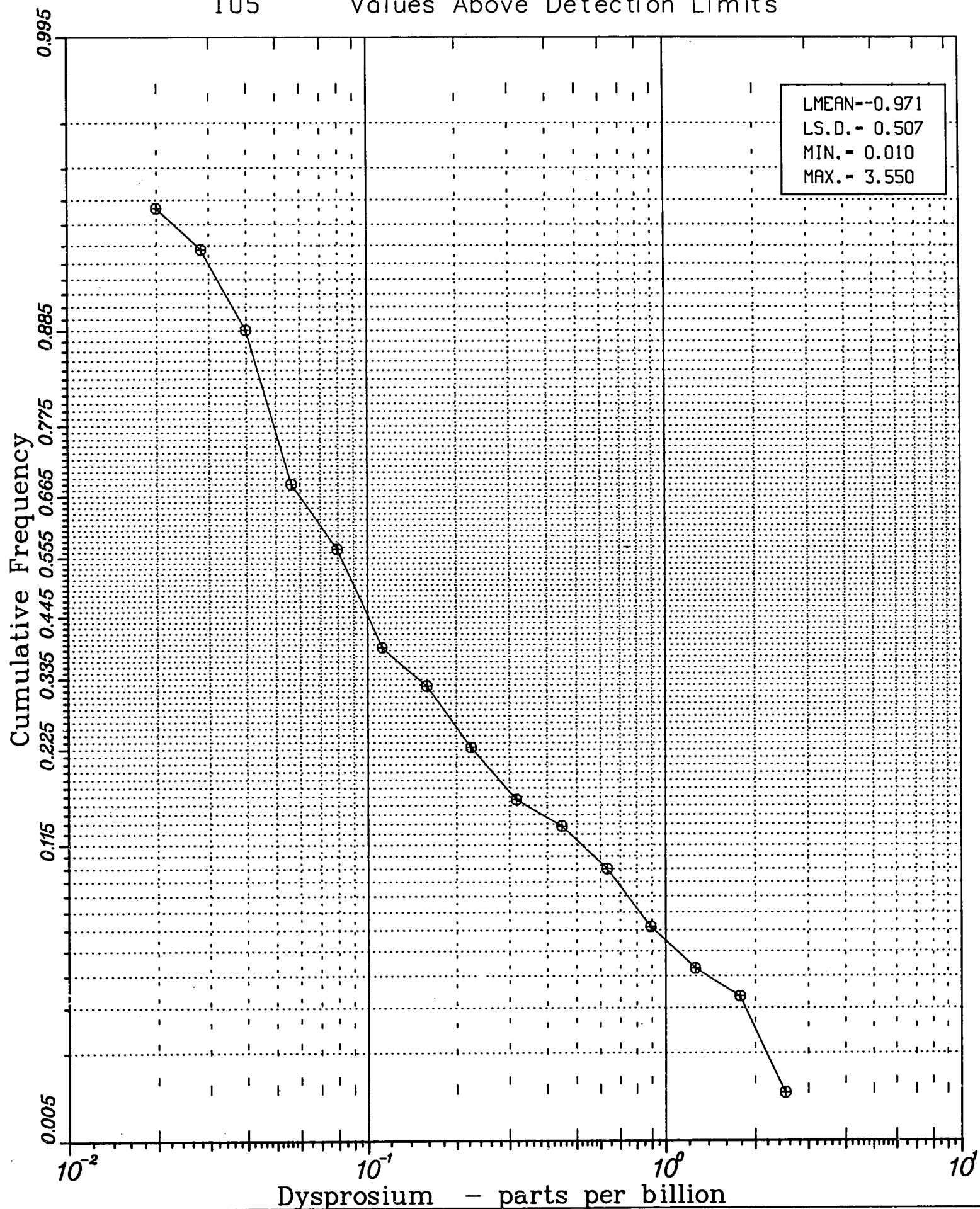
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Dysprosium Values - Ground Water Sites

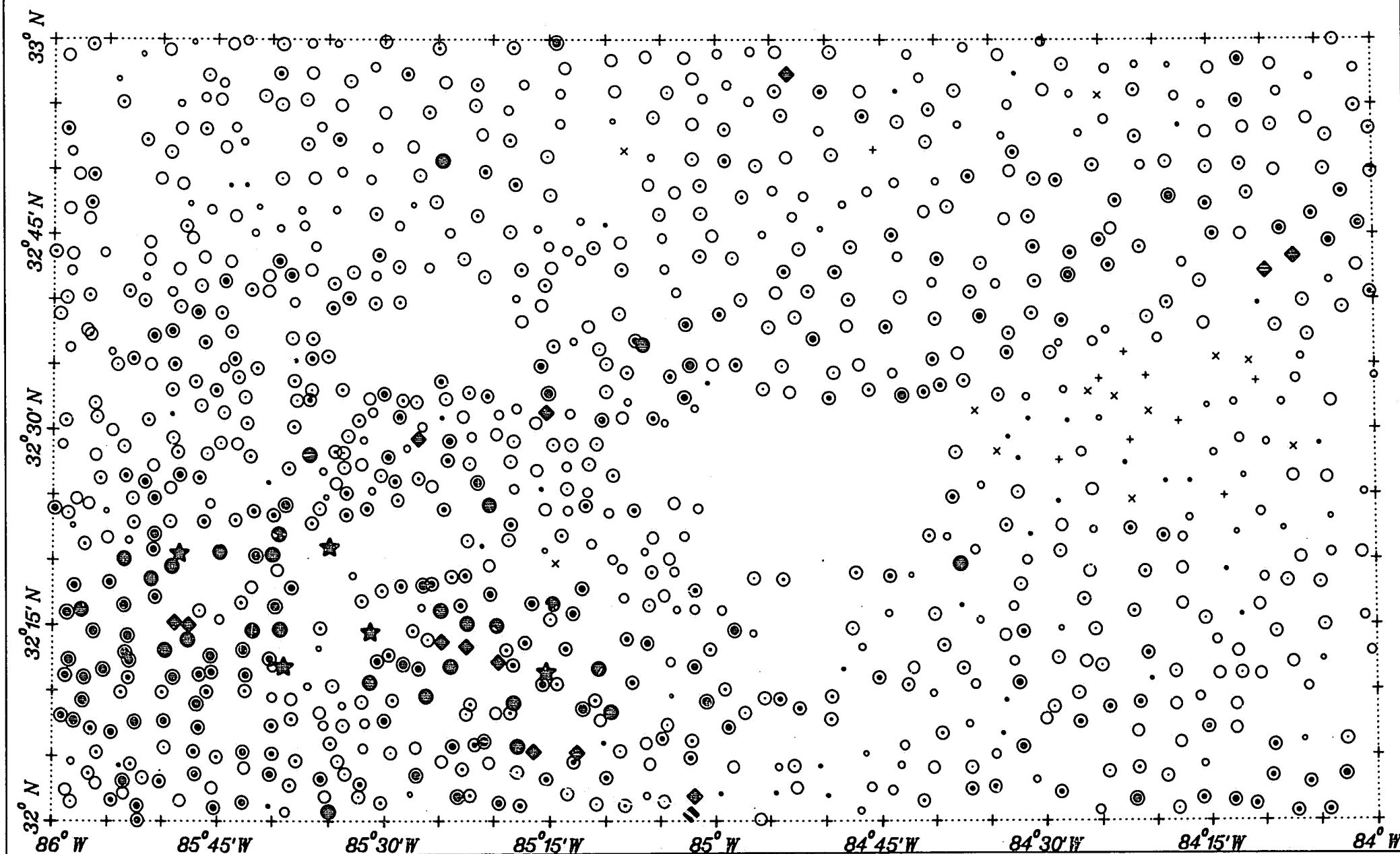
105

Values Above Detection Limits

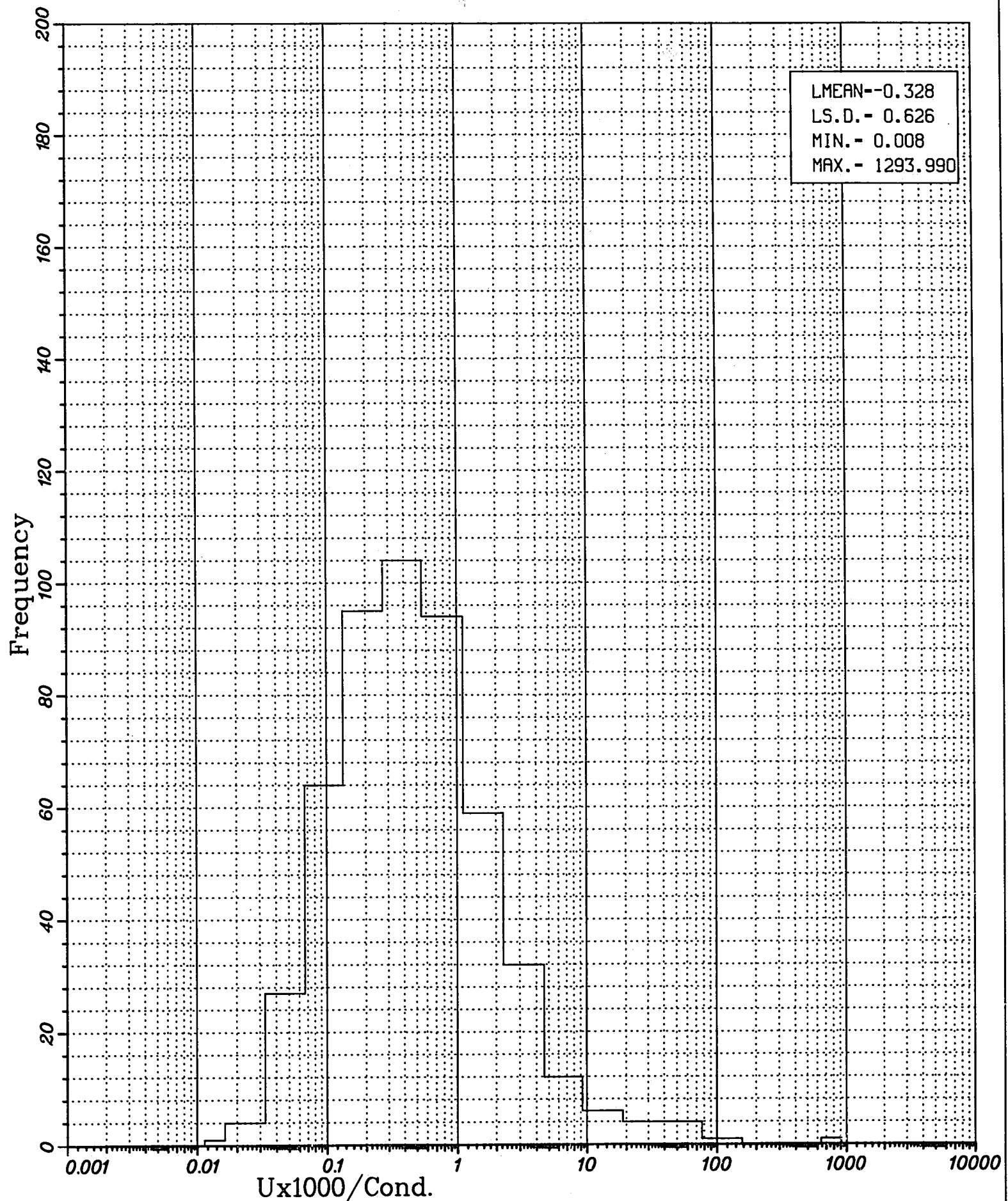


PHENIX CITY 1'x2' Sheet
Conductivity In Ground Water
949 Values Above D.L.

Conductivity - micro-mhos per cm.				
+ < 10.0	o 20.0- 25.0	○ 49.0- 70.0	⊙ 150.0- 230.0	⊕ 396.0- 620.0
x 10.0- 12.0	o 25.0- 33.0	⊙ 70.0- 100.0	⊕ 230.0- 321.0	⬢ 620.0- 1120.0
• 12.0- 20.0	o 33.0- 49.0	⊙ 100.0- 150.0	⊕ 321.0- 396.0	★ > 1120.0



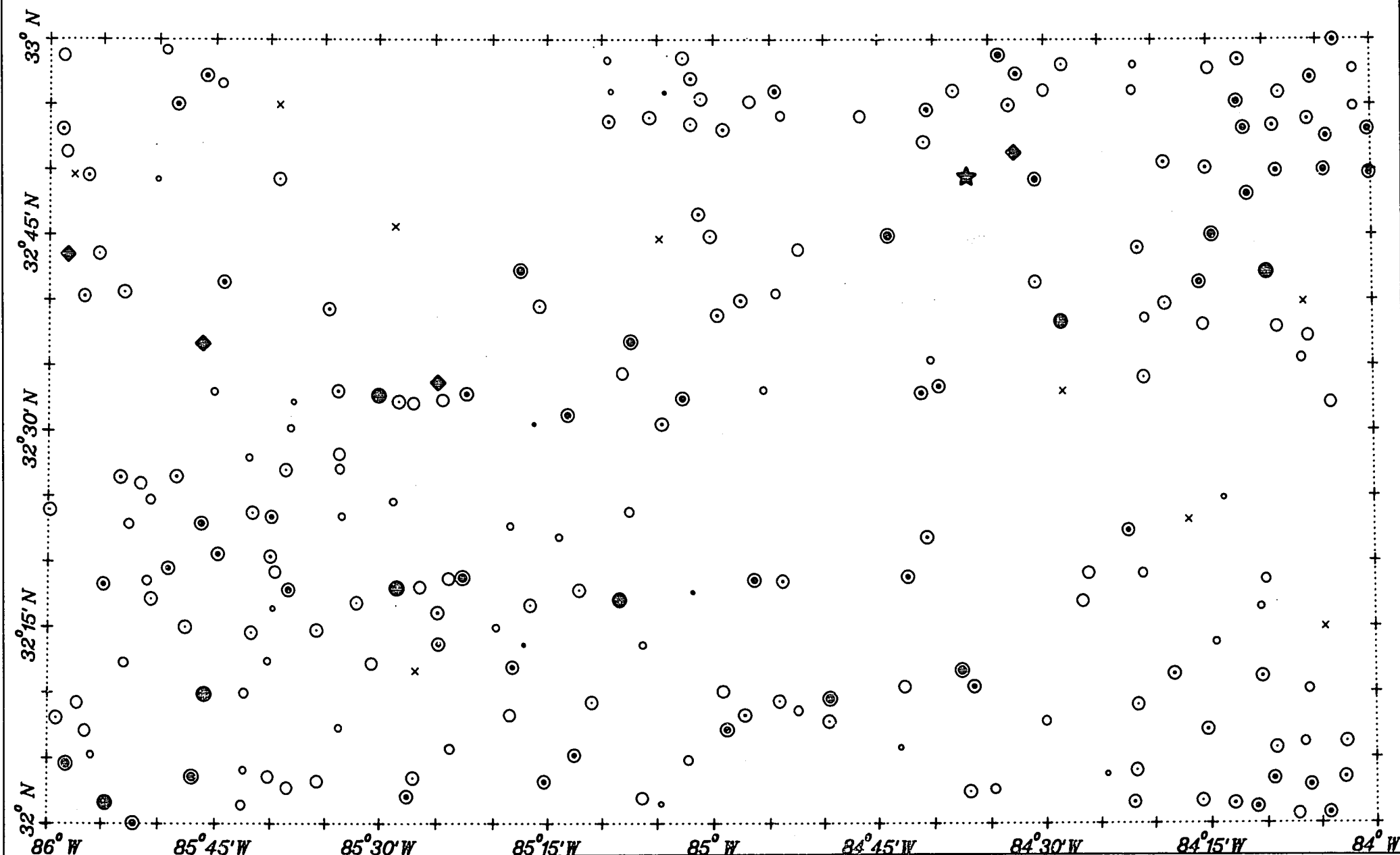
PHENIX CITY 1'x2' Sheet
Log Histogram Ux1000/Cond. Values - Ground Water Sites
508 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Fluorine In Ground Water
234 Values Above D.L.

Fluorine concentration - p.p.b.

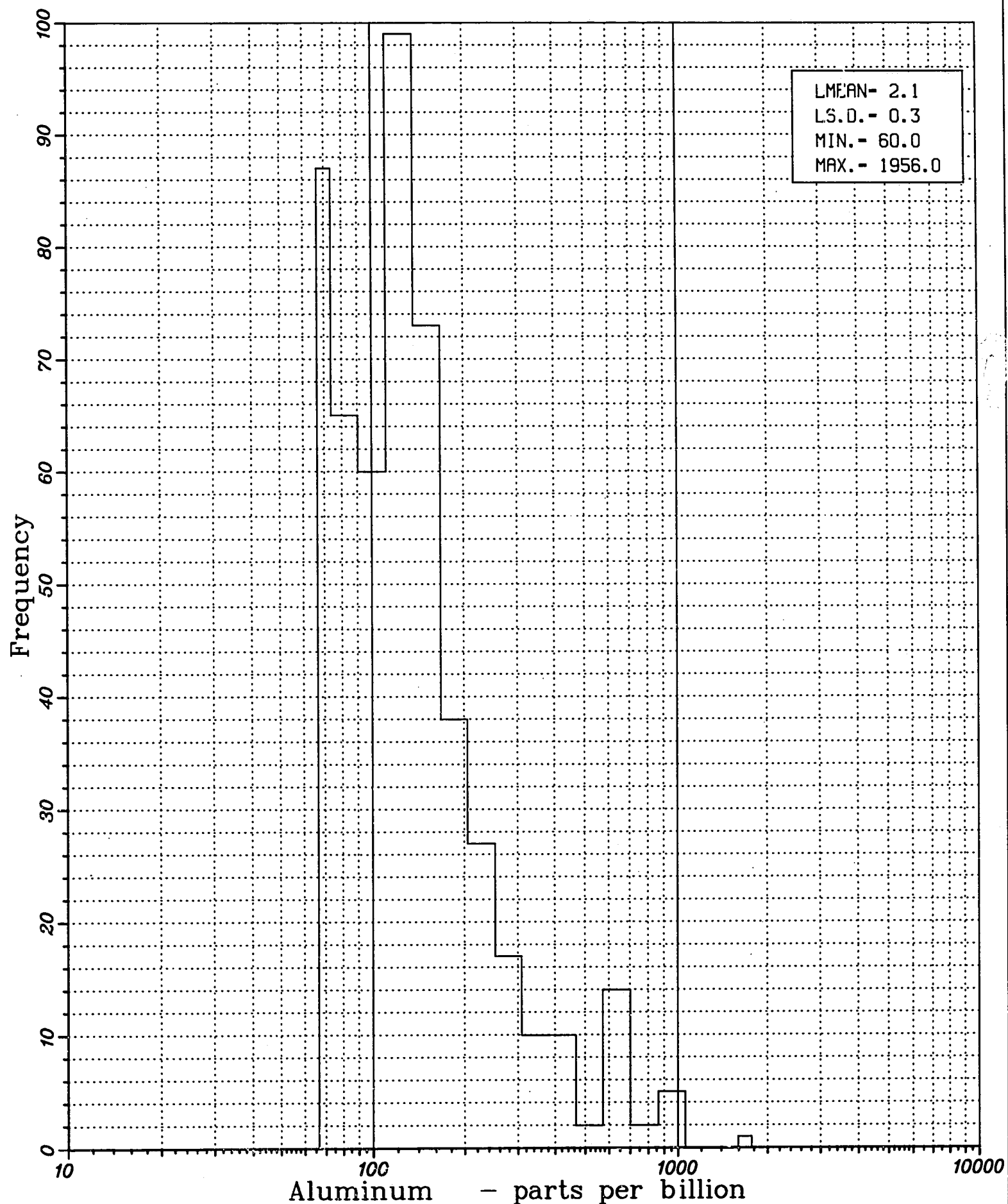
+ < 25.0	o 26.0- 28.0	○ 38.0- 50.0	⊙ 94.0- 139.0	⊗ 313.0- 498.0
x 25.0- 25.0	o 28.0- 32.0	⊙ 50.0- 68.0	⊙ 139.0- 190.0	⊗ 498.0- 637.0
• 25.0- 26.0	○ 32.0- 38.0	⊙ 68.0- 94.0	⊙ 190.0- 313.0	★ > 637.0



Log Histogram
510

PHENIX CITY 1'x2' Sheet

Aluminum Values - Ground Water Sites
Values Above Detection Limits

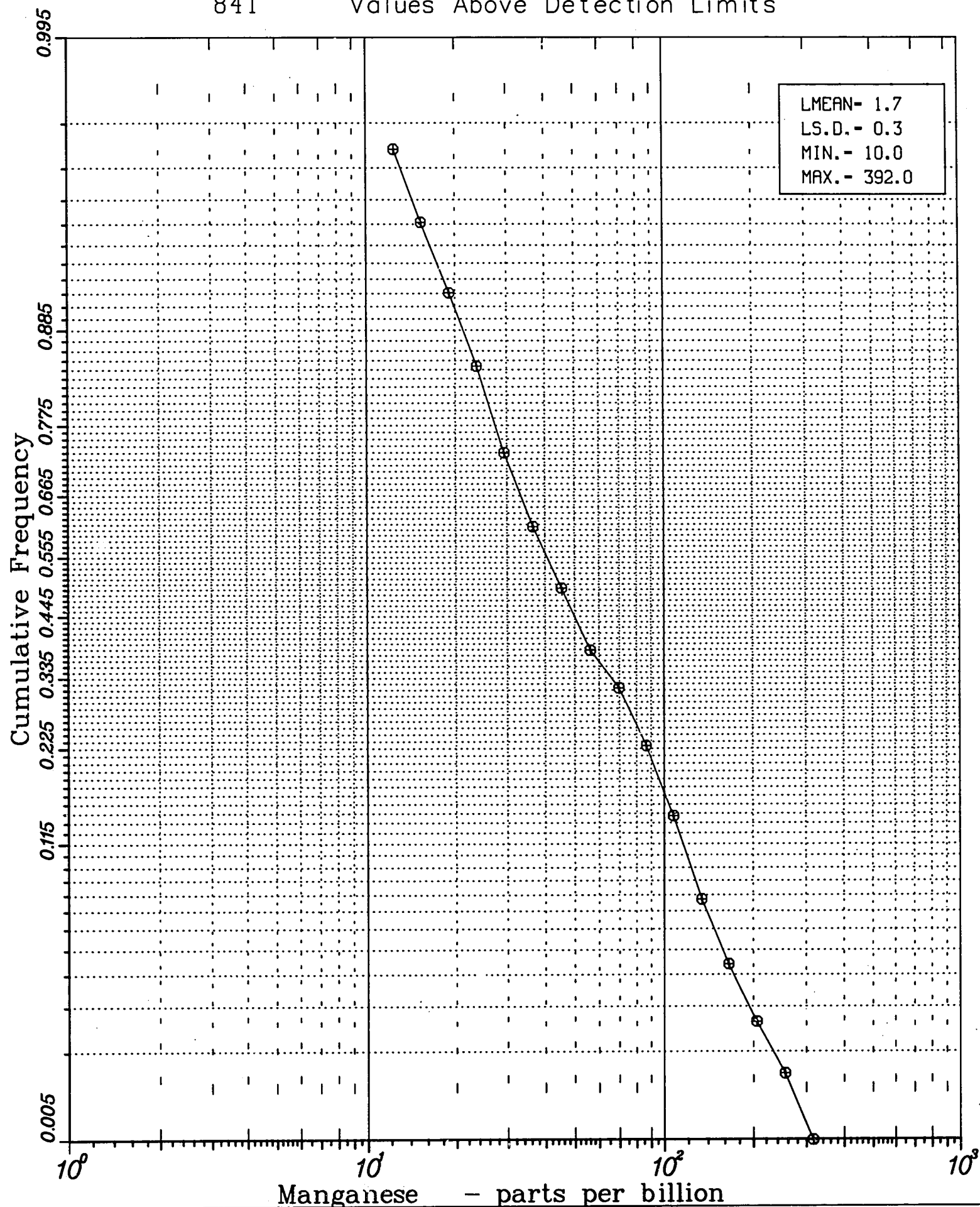


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Manganese Values - Ground Water Sites

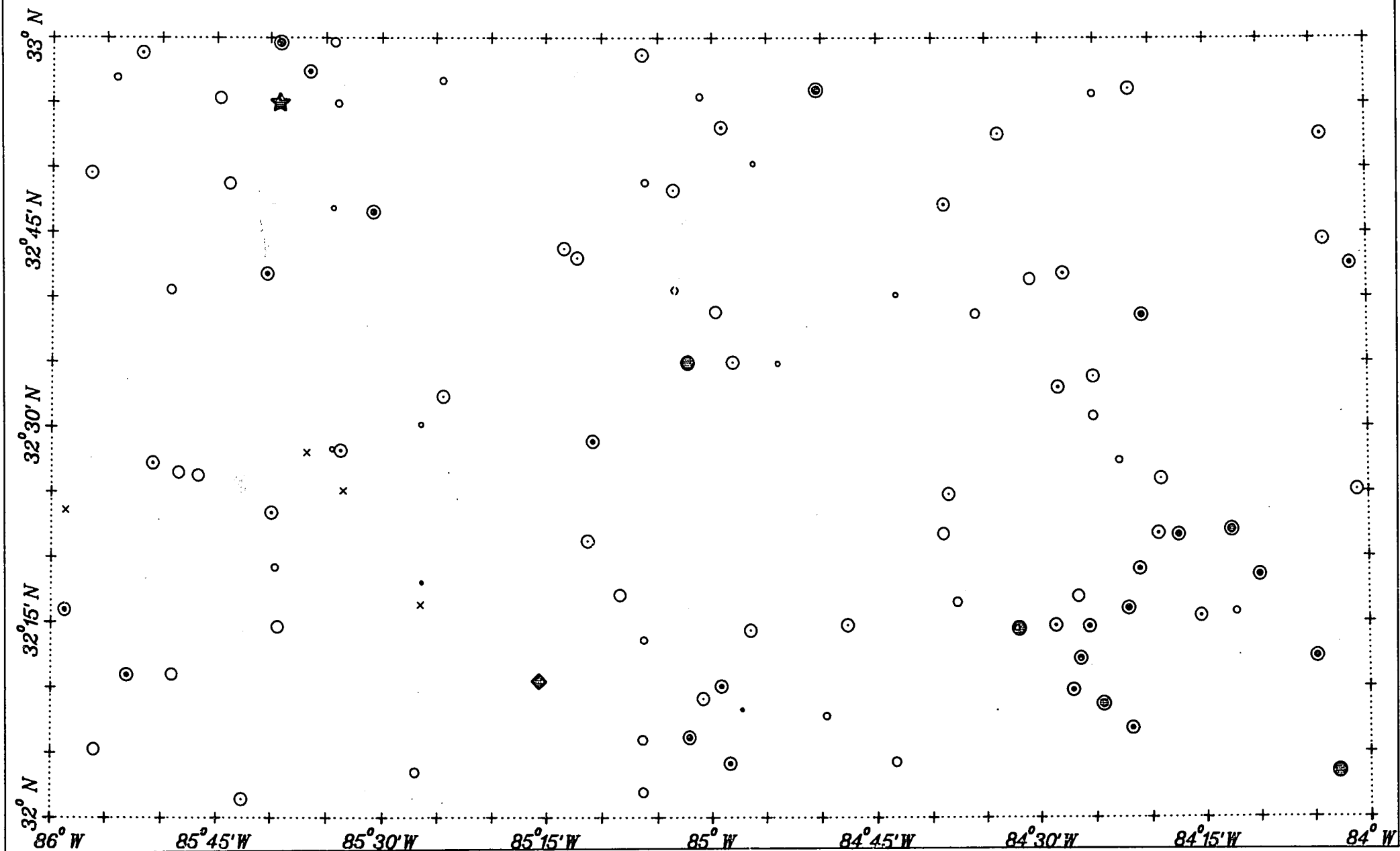
841 Values Above Detection Limits



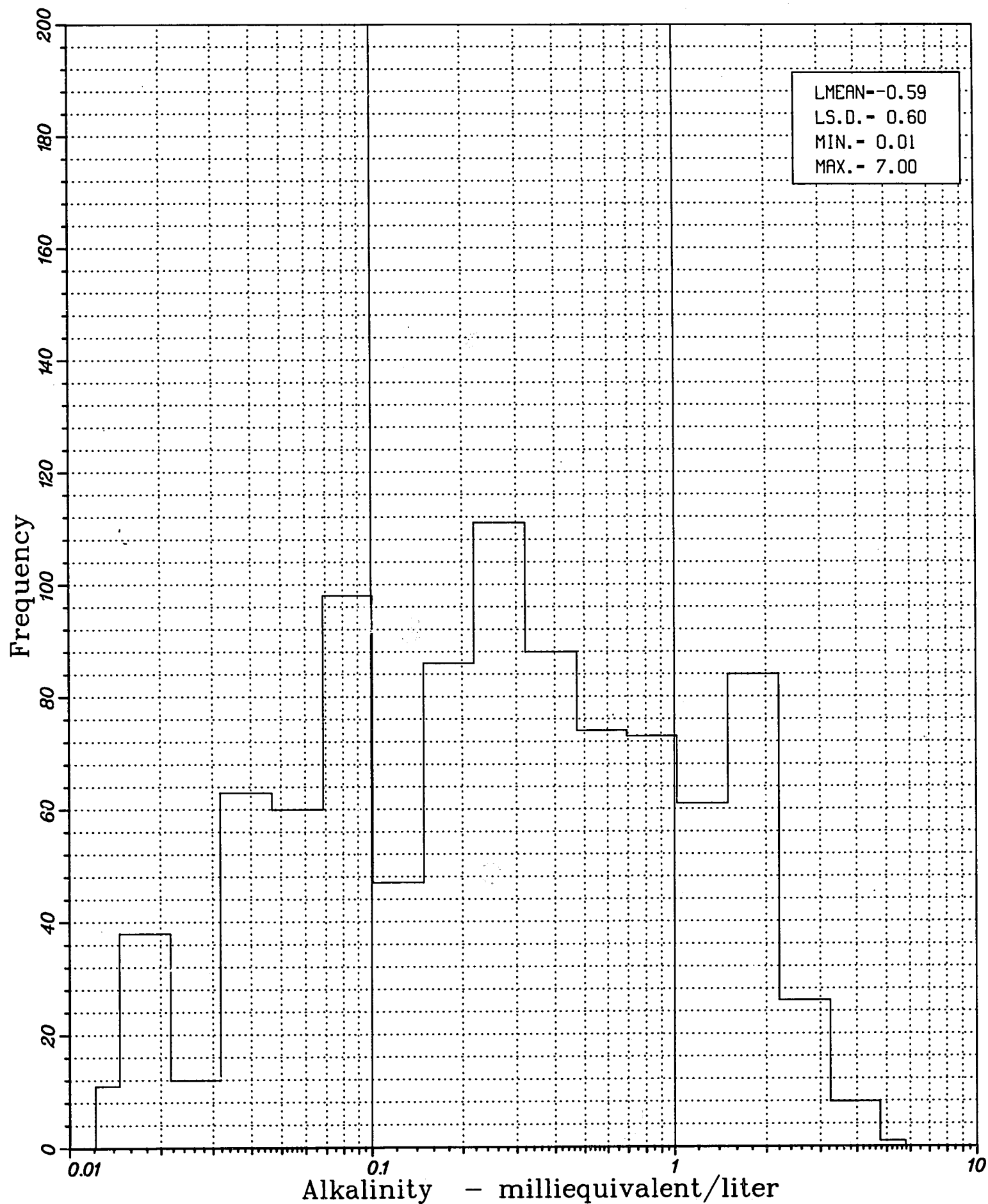
PHENIX CITY 1'x2' Sheet
Dysprosium In Ground Water
105 Values Above D.L.

Dysprosium concentration - p.p.b.

+ < 0.010	o 0.020- 0.030	○ 0.050- 0.070	⊙ 0.180- 0.280	⊕ 0.970- 2.220
x 0.010- 0.010	o 0.030- 0.040	⊙ 0.070- 0.110	⊙ 0.280- 0.650	◆ 2.220- 2.340
• 0.010- 0.020	o 0.040- 0.050	⊙ 0.110- 0.180	⊙ 0.650- 0.970	★ > 2.340



PHENIX CITY 1'x2' Sheet
Log Histogram **Alkalinity Values - Ground Water Sites**
 941 **Values Above Detection Limits**



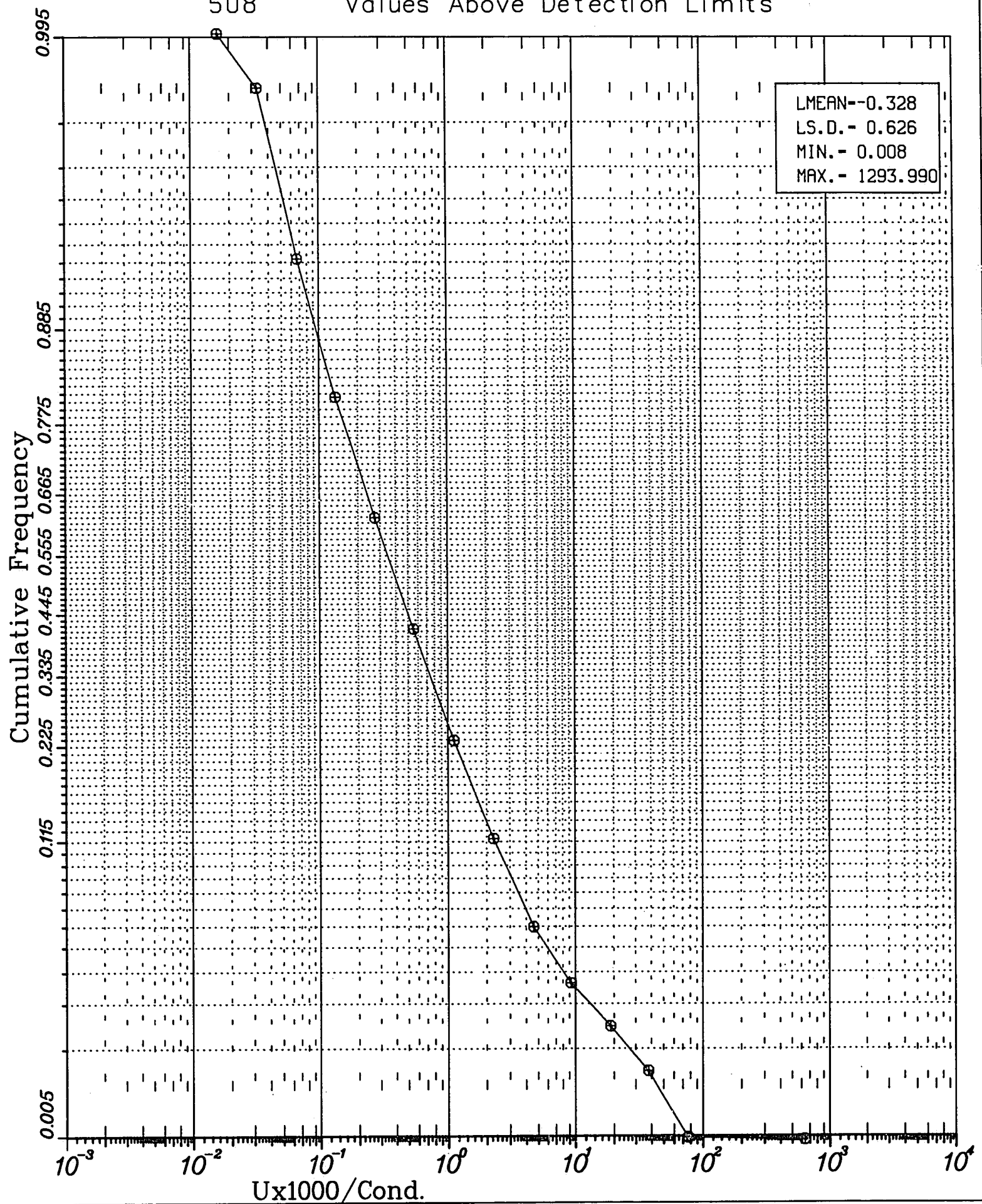
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Ux1000/Cond. Values - Ground Water Sites

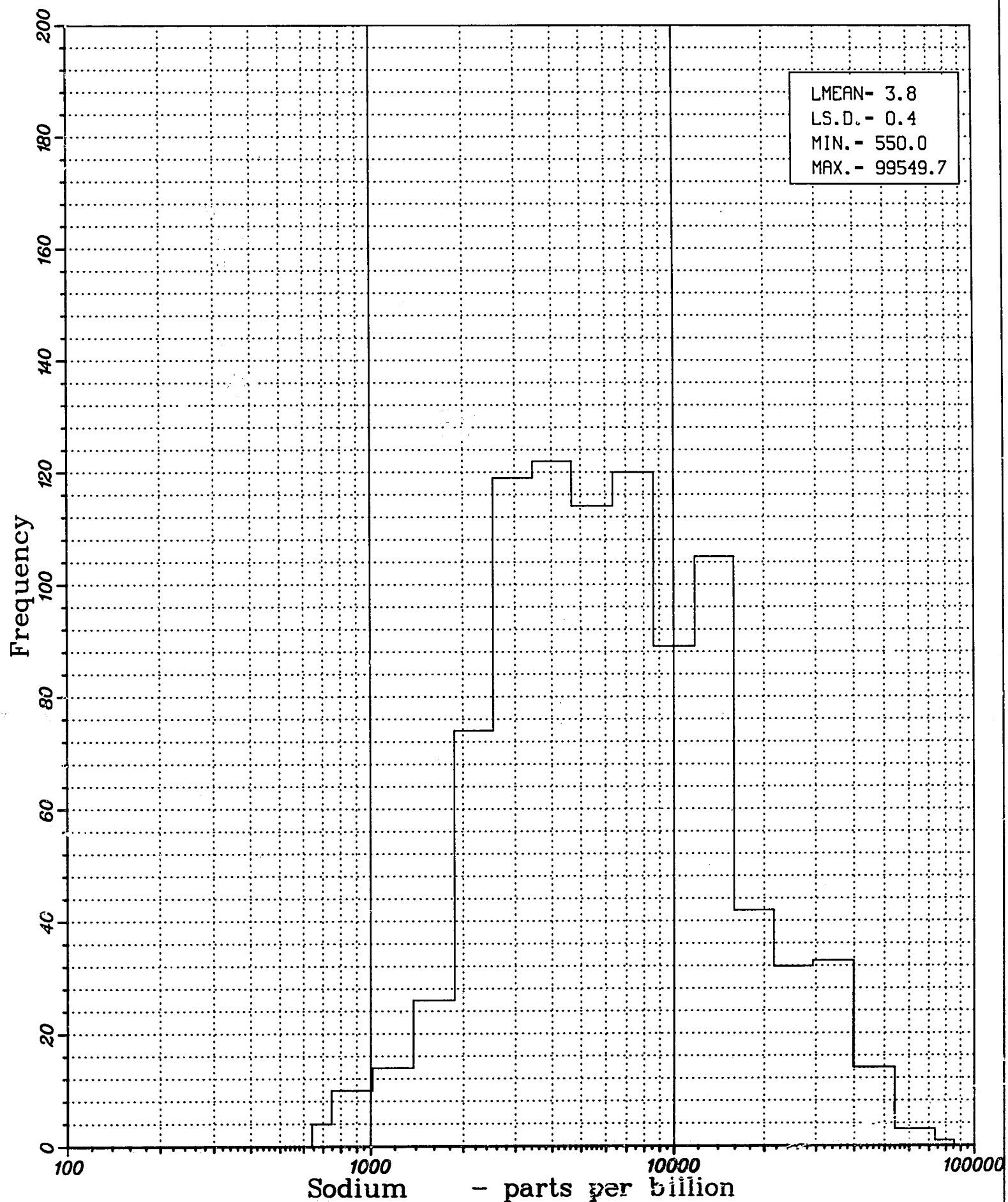
508

Values Above Detection Limits



Log Histogram
922

PHENIX CITY 1'x2' Sheet
Sodium Values - Ground Water Sites
Values Above Detection Limits



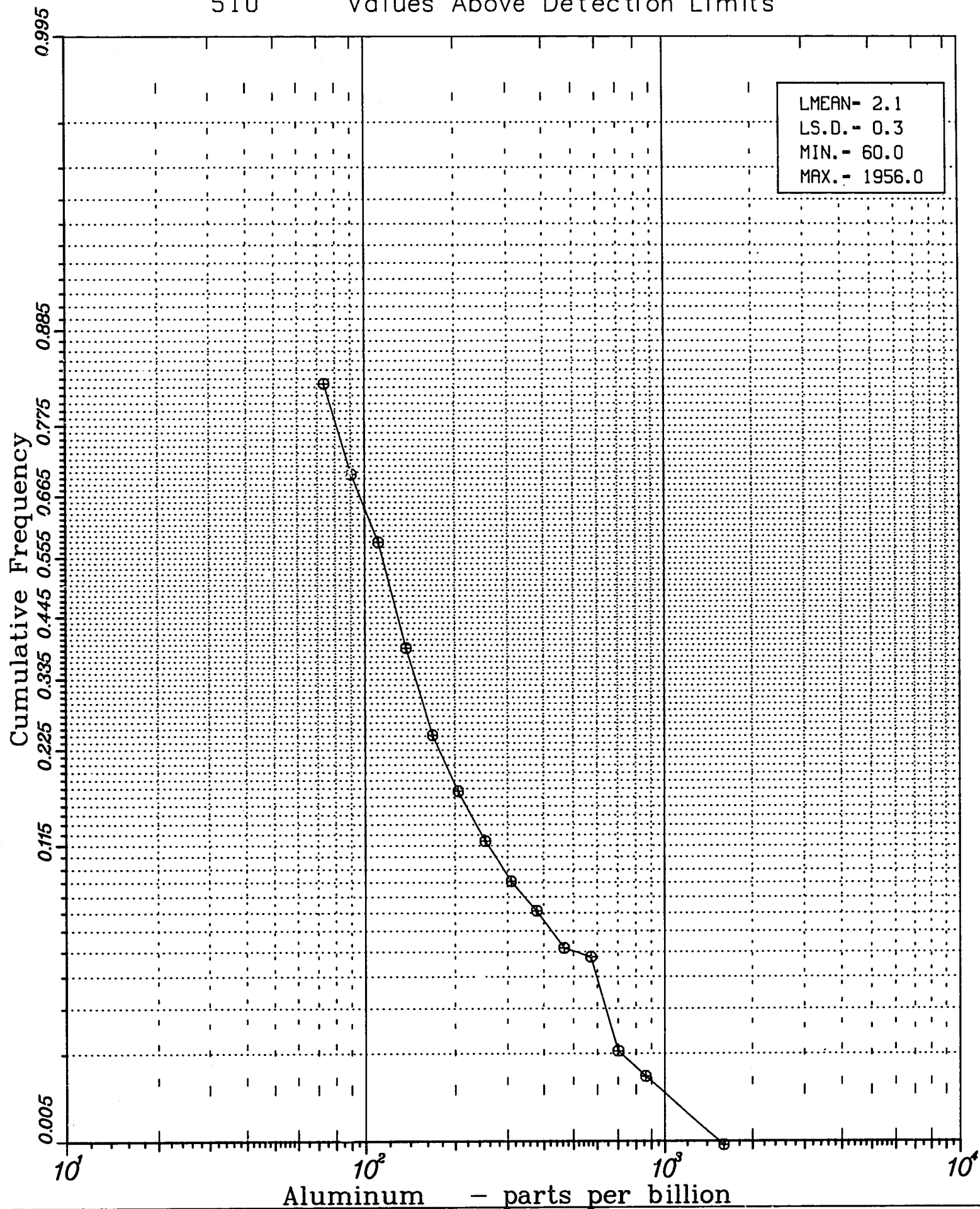
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Aluminum Values - Ground Water Sites

510

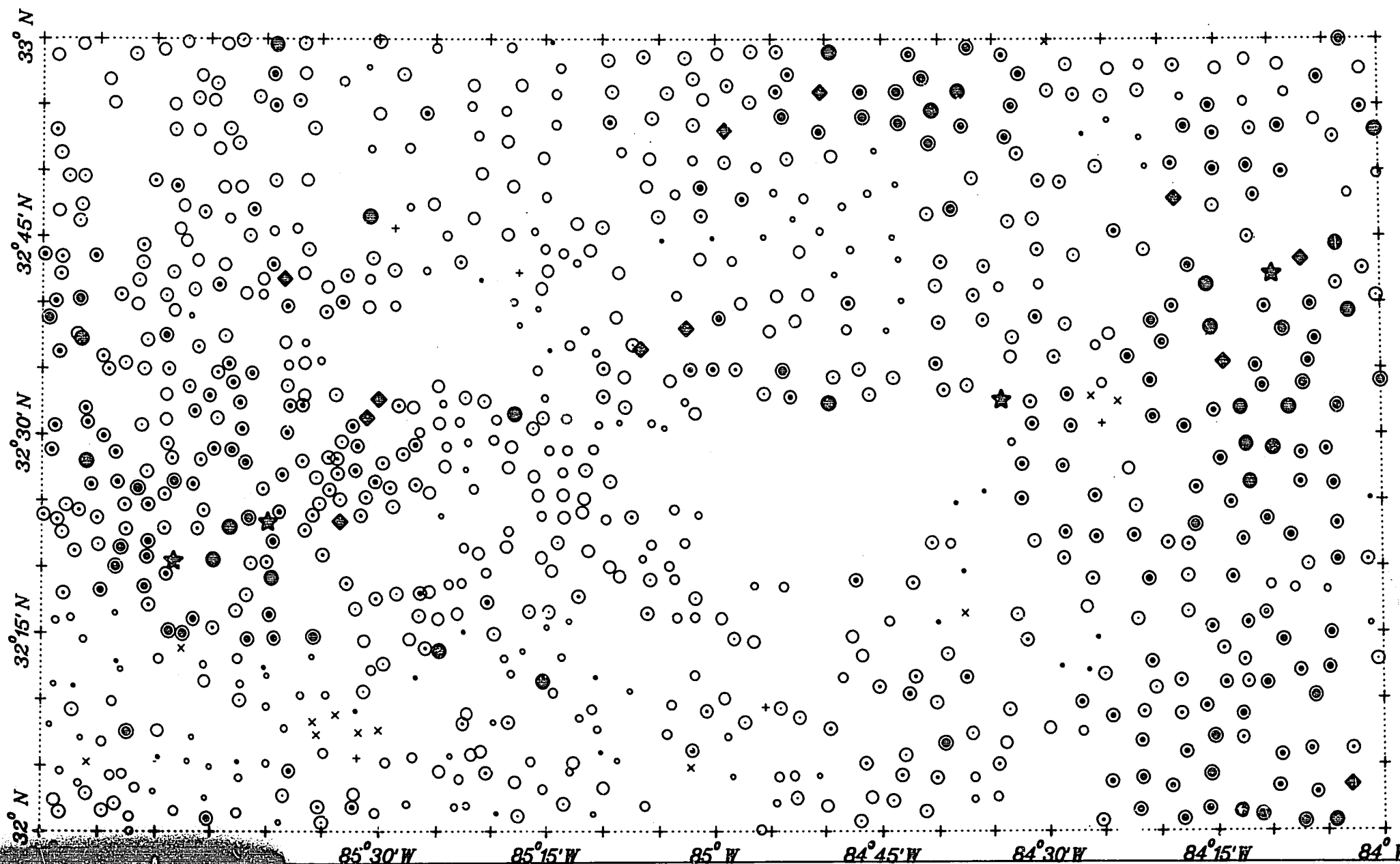
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Manganese In Ground Water
841 Values Above D.L.

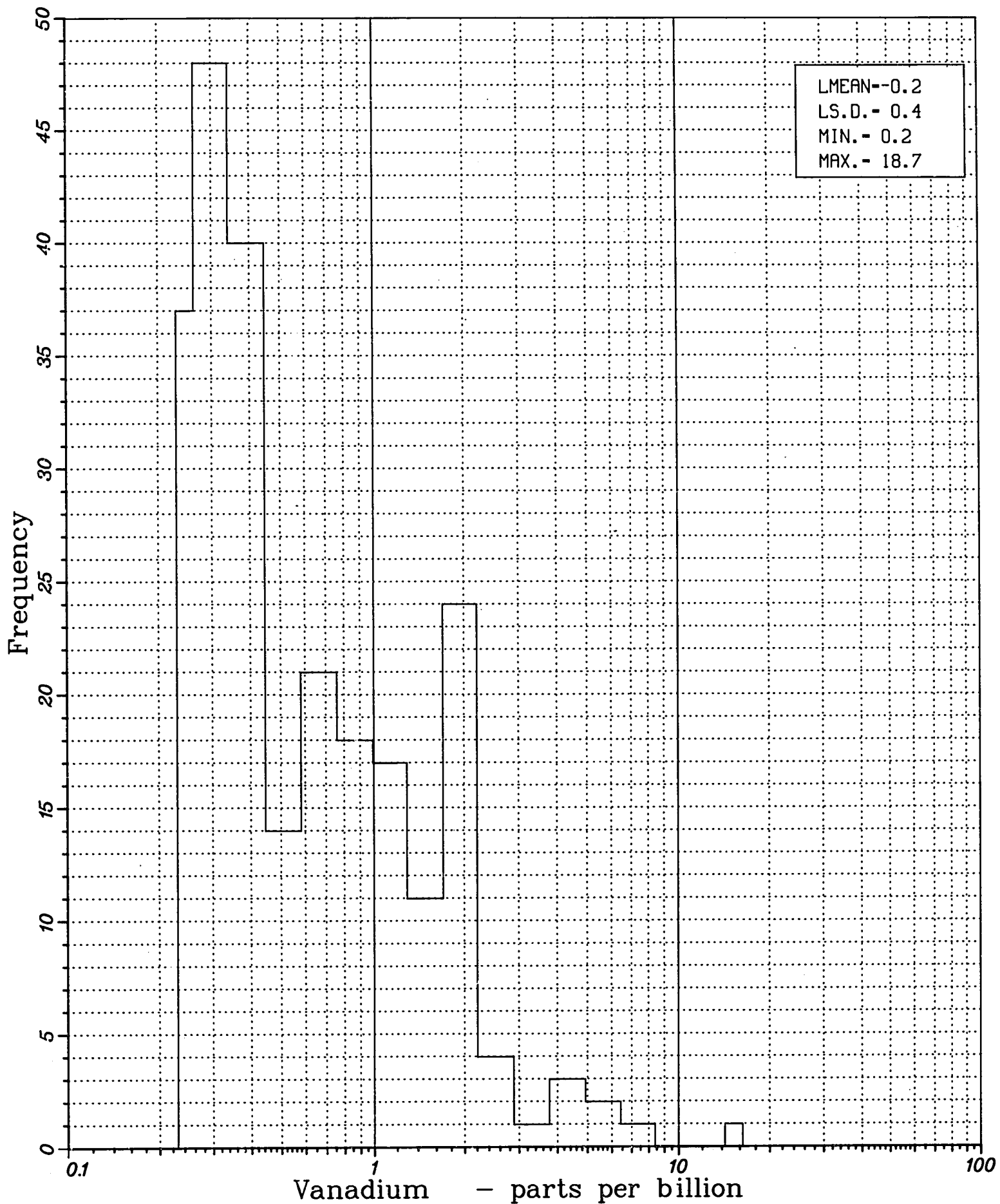
Manganese concentration - p.p.b.

+ < 10.0	o 16.0- 20.0	○ 30.0- 39.0	⊙ 77.0- 103.0	⊗ 153.0- 213.0
x 10.0- 12.0	o 20.0- 24.0	⊙ 39.0- 53.0	⊙ 103.0- 124.0	◆ 213.0- 311.0
• 12.0- 16.0	○ 24.0- 30.0	⊙ 53.0- 77.0	⊙ 124.0- 153.0	★ > 311.0



Log Histogram
242

PHENIX CITY 1'x2' Sheet
Vanadium Values - Ground Water Sites
Values Above Detection Limits



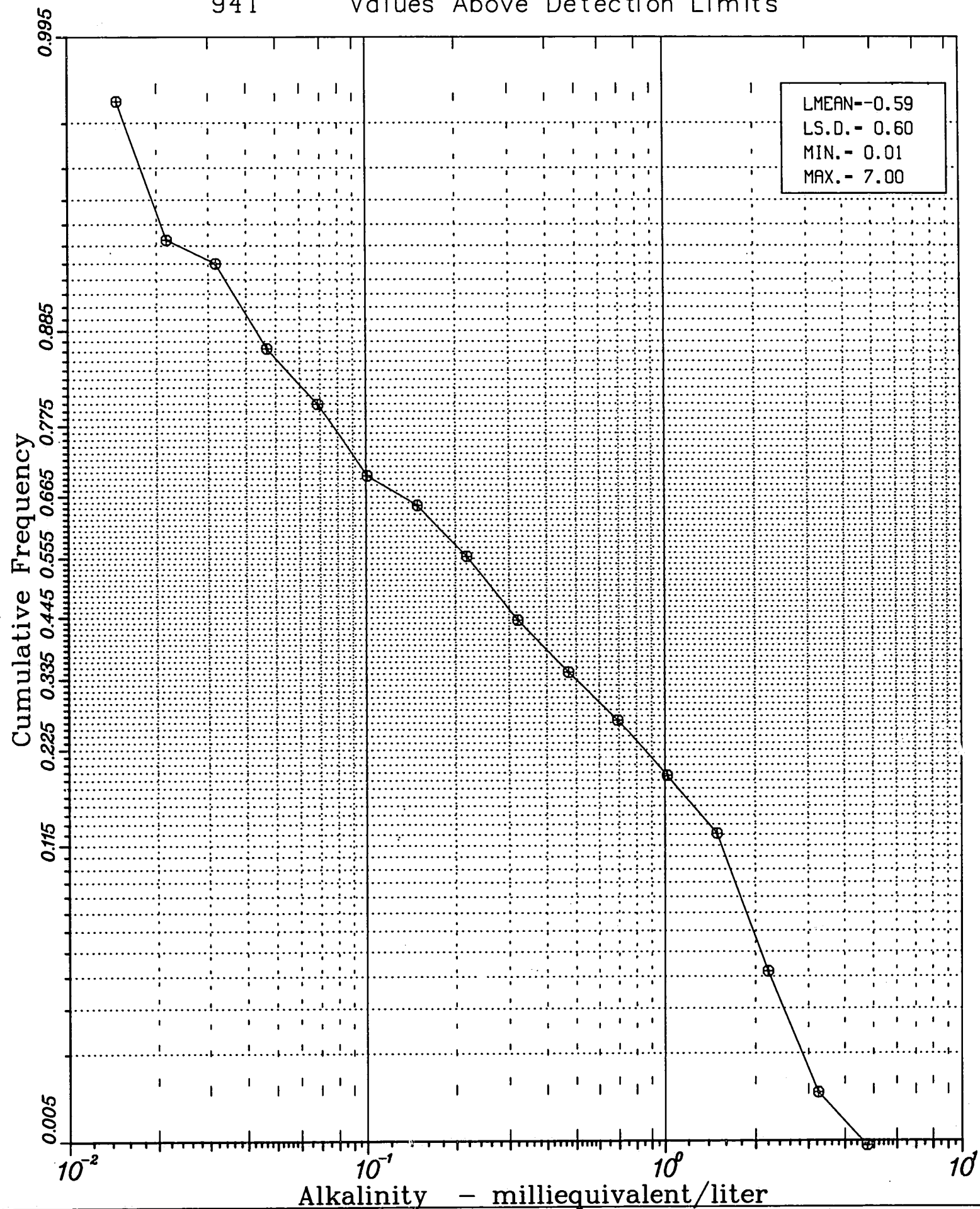
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Alkalinity Values - Ground Water Sites

941

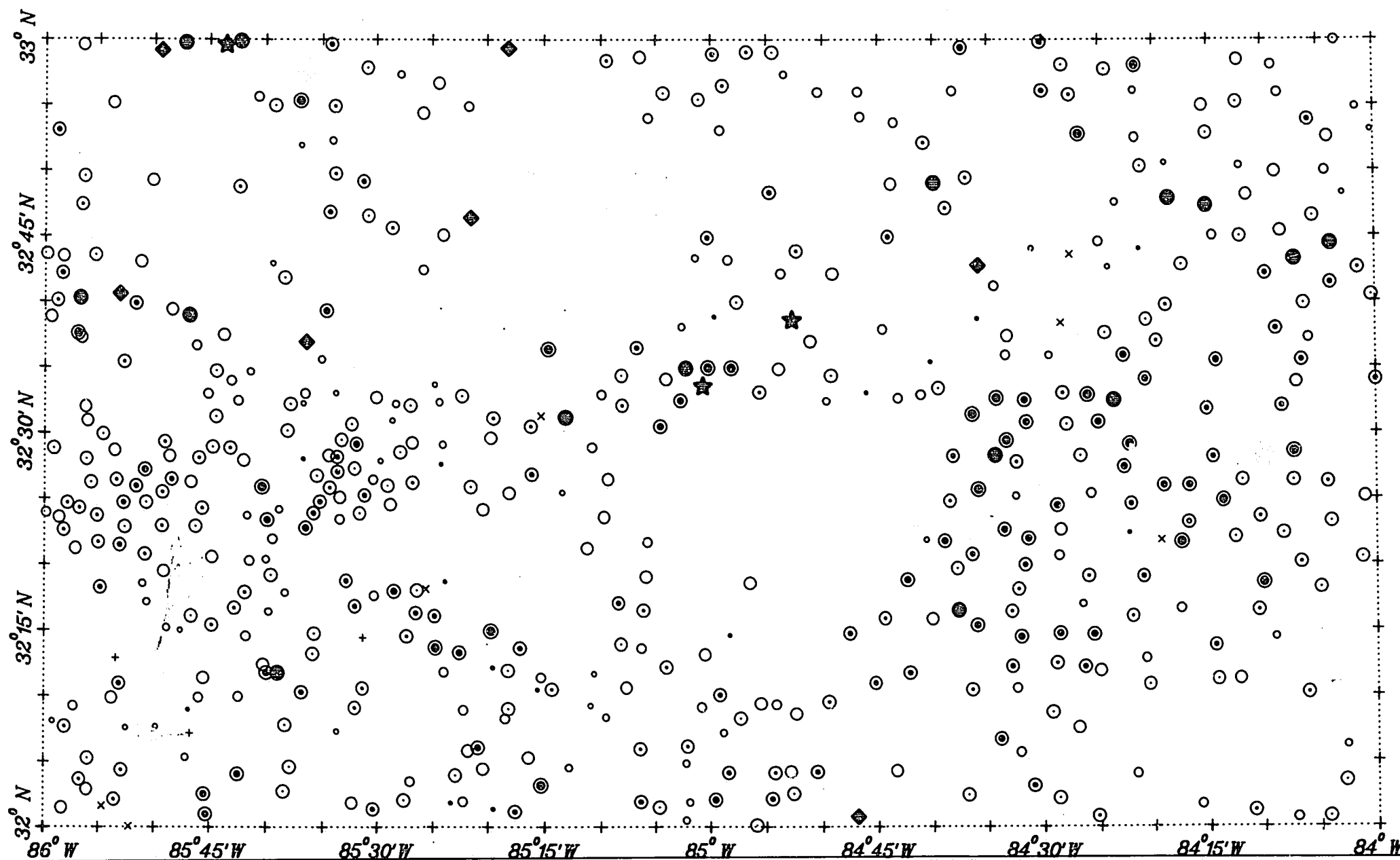
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Ux1000/Cond. In Ground Water
508 Values Above D.L.

Ux1000/Cond.

+ < 0.026	○ 0.058- 0.082	○ 0.191- 0.322	⊙ 0.930- 1.571	⊕ 5.425- 16.909
x 0.026- 0.036	○ 0.082- 0.121	⊙ 0.322- 0.541	⊙ 1.571- 2.827	◆ 16.909- 48.451
• 0.038- 0.058	○ 0.121- 0.191	⊙ 0.541- 0.930	⊙ 2.827- 5.425	★ > 48.451

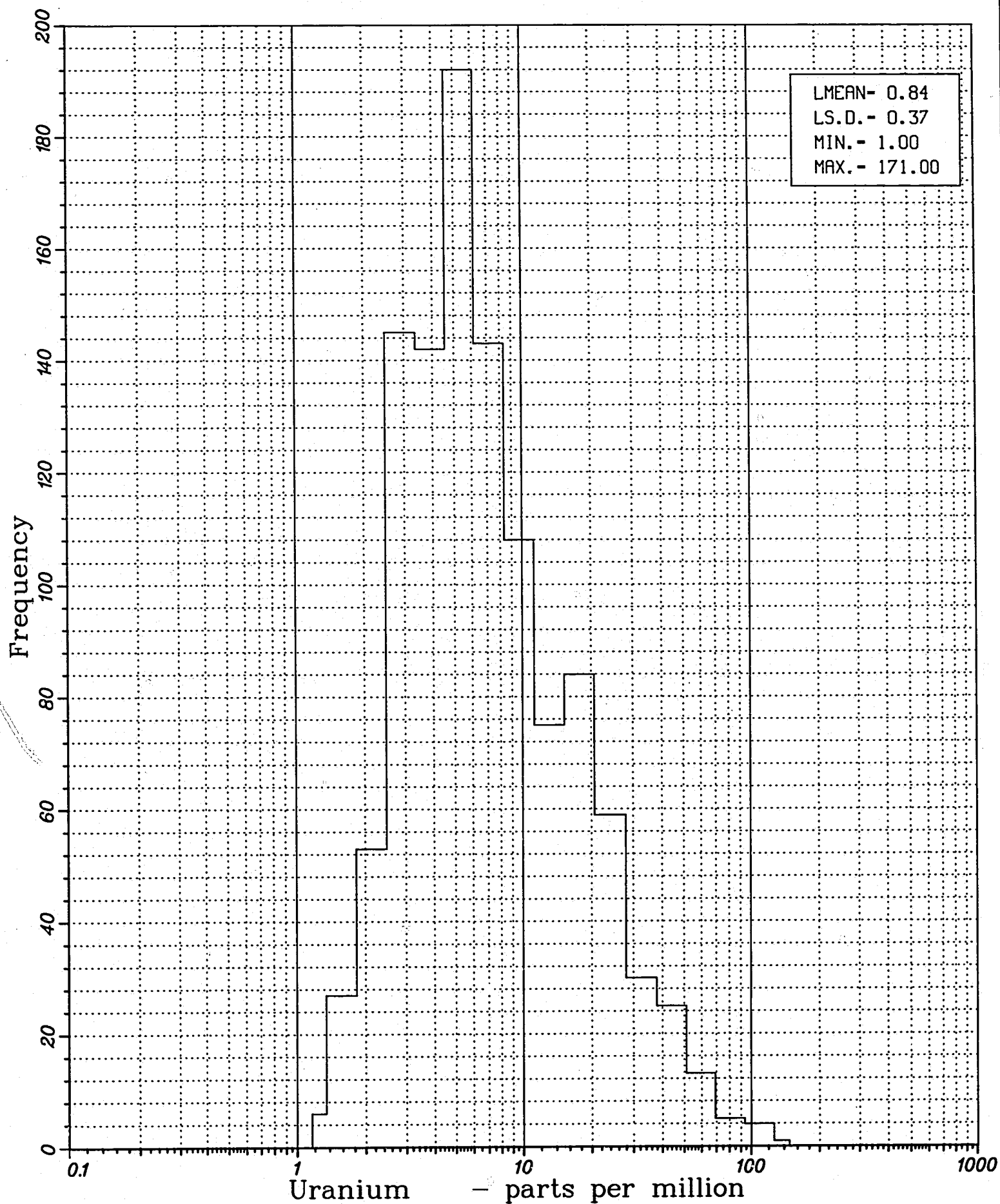


PHENIX CITY 1'x2' Sheet

Log Histogram Uranium Values Surface Site

1112

Values Above Detection Limits



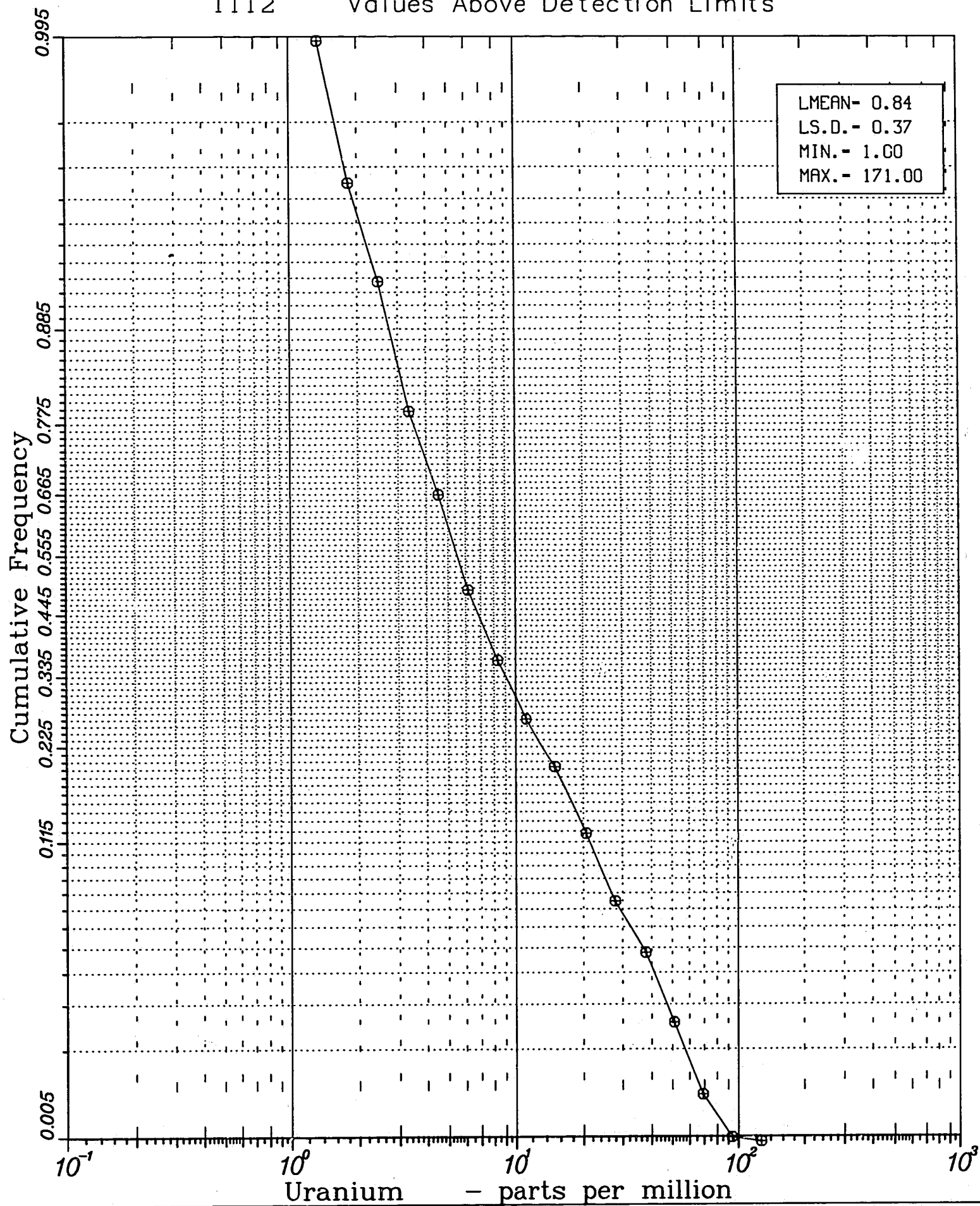
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Uranium Values - Surface Sites

1112

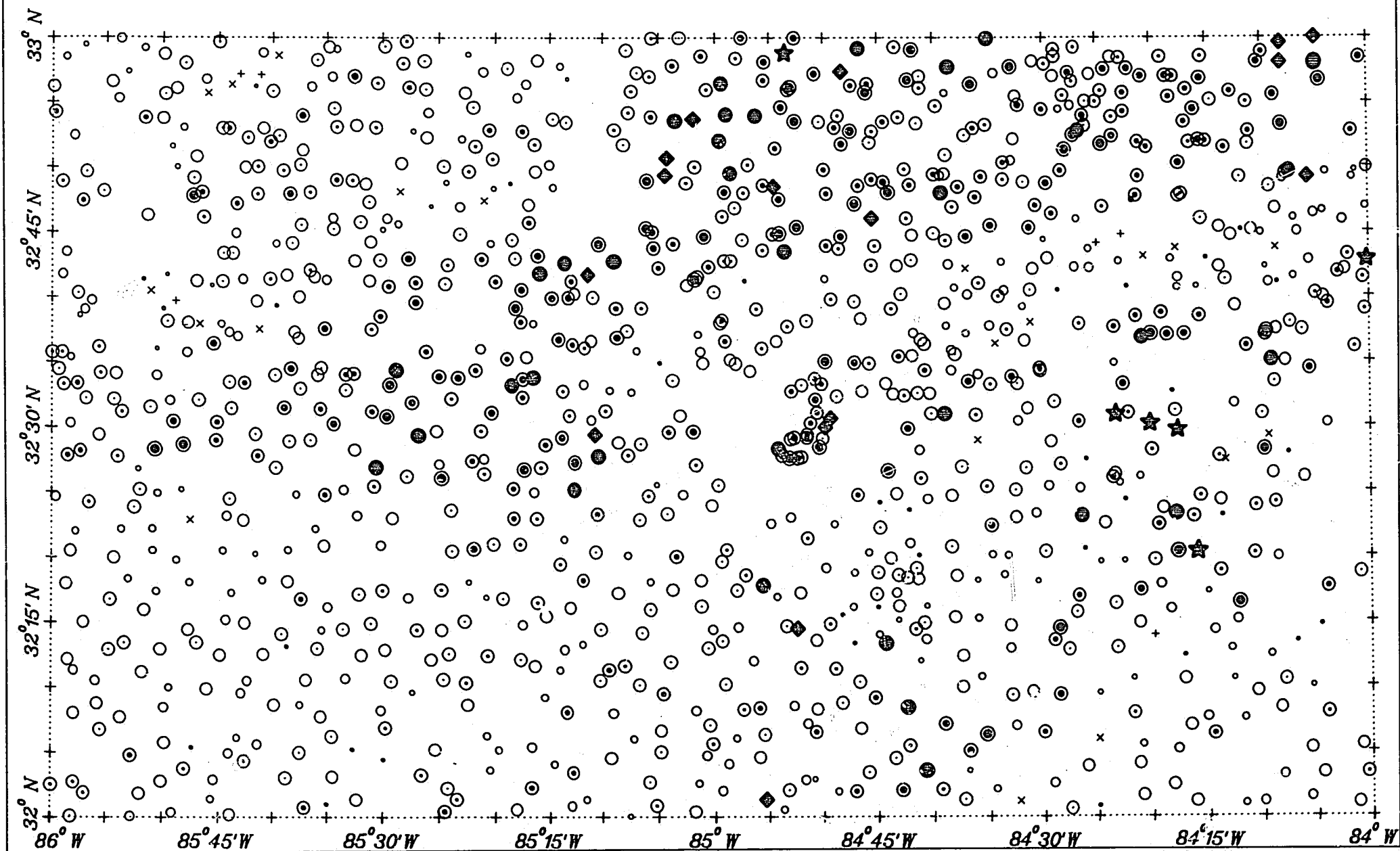
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Uranium In Sediments
1112 Values Above D.L.

Uranium concentration - p.p.m.

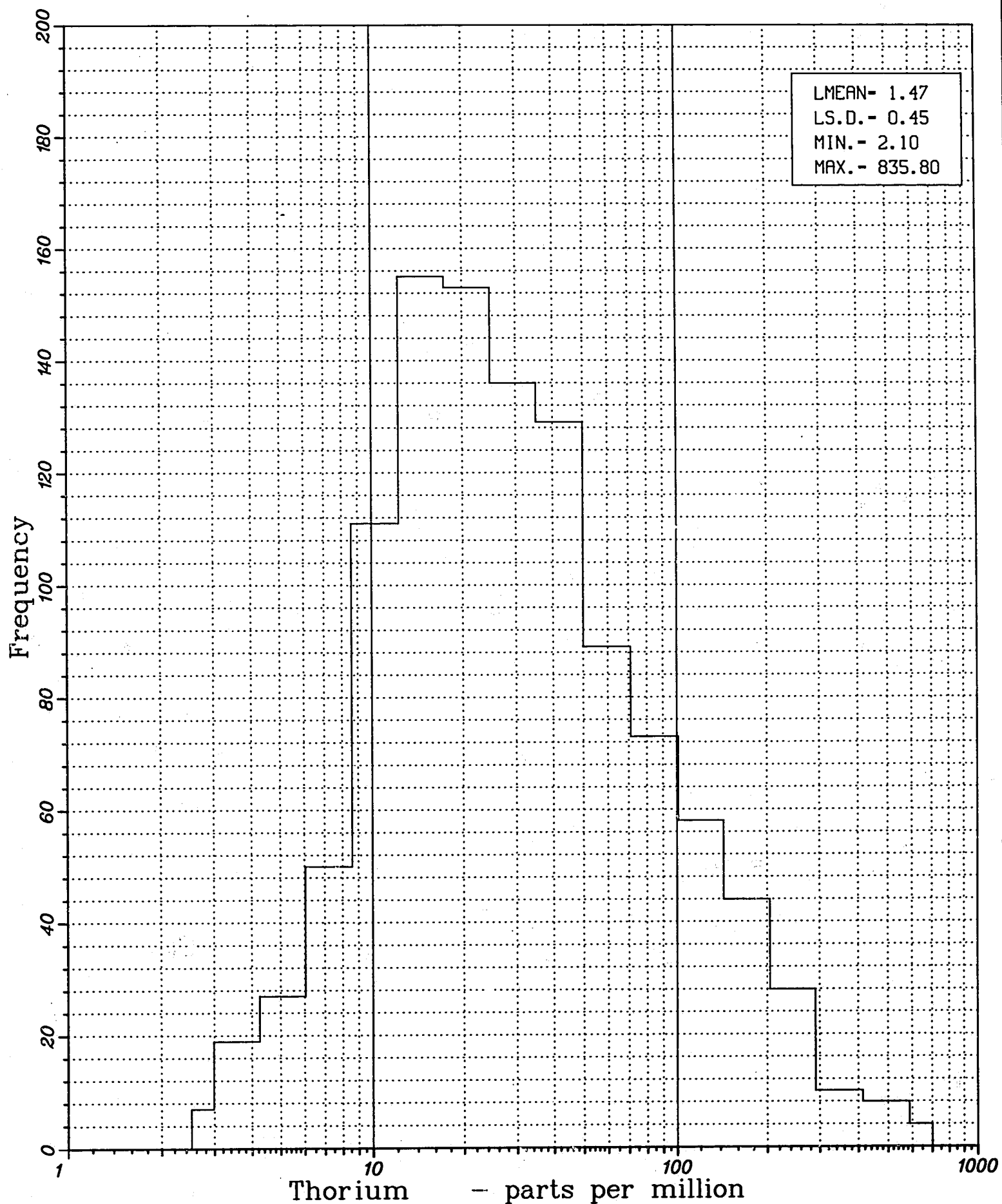
+ < 1.3	o 2.2- 2.5	○ 3.9- 5.2	⊙ 10.7- 17.4	● 32.6- 51.3
x 1.3- 1.7	o 2.5- 3.1	⊙ 5.2- 7.3	⊙ 17.4- 23.8	◆ 51.3- 76.3
• 1.7- 2.2	o 3.1- 3.9	⊙ 7.3- 10.7	⊙ 23.8- 32.6	★ > 76.3



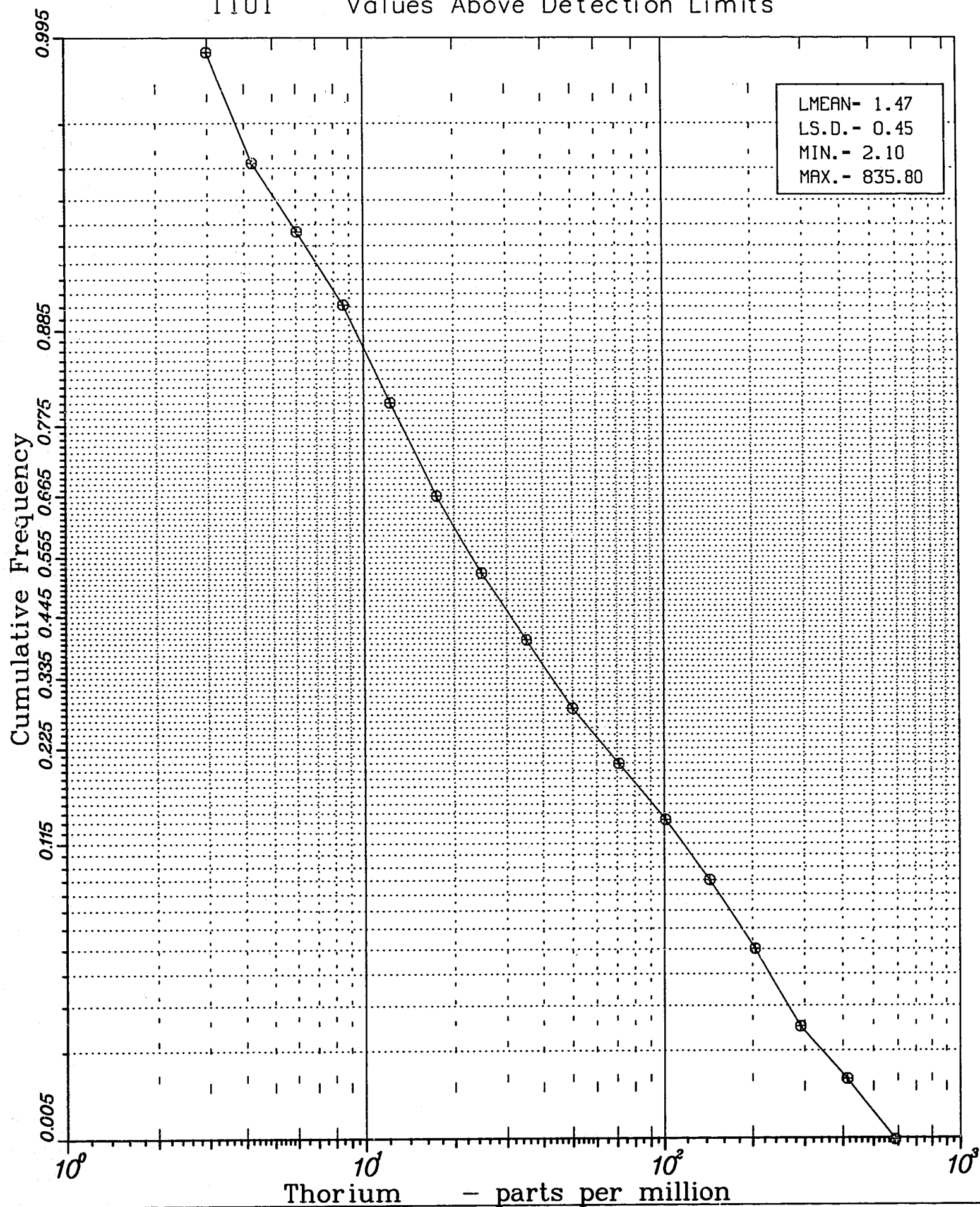
PHENIX CITY 1'x2' Sheet

Log Histogram Thorium Values Surface Site

1101 Values Above Detection Limits



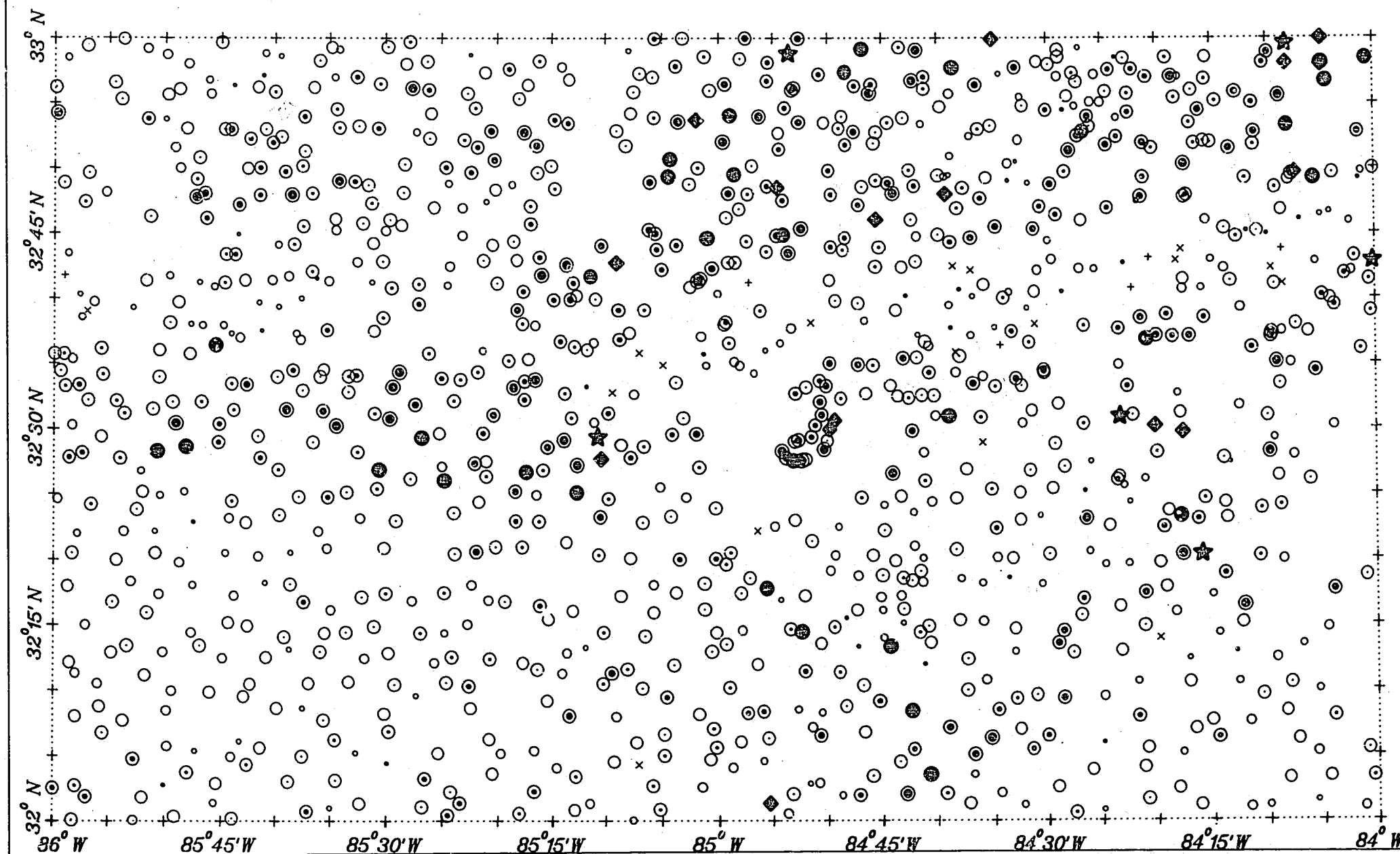
PHENIX CITY 1'x2' Sheet
 Log Cumulative Frequency Plot
 Thorium Values - Surface Sites
 1101 Values Above Detection Limits



PHENIX CITY 1x2° Sheet
Thorium In Sediments
1101 Values Above D.L.

Thorium concentration - p.p.m.

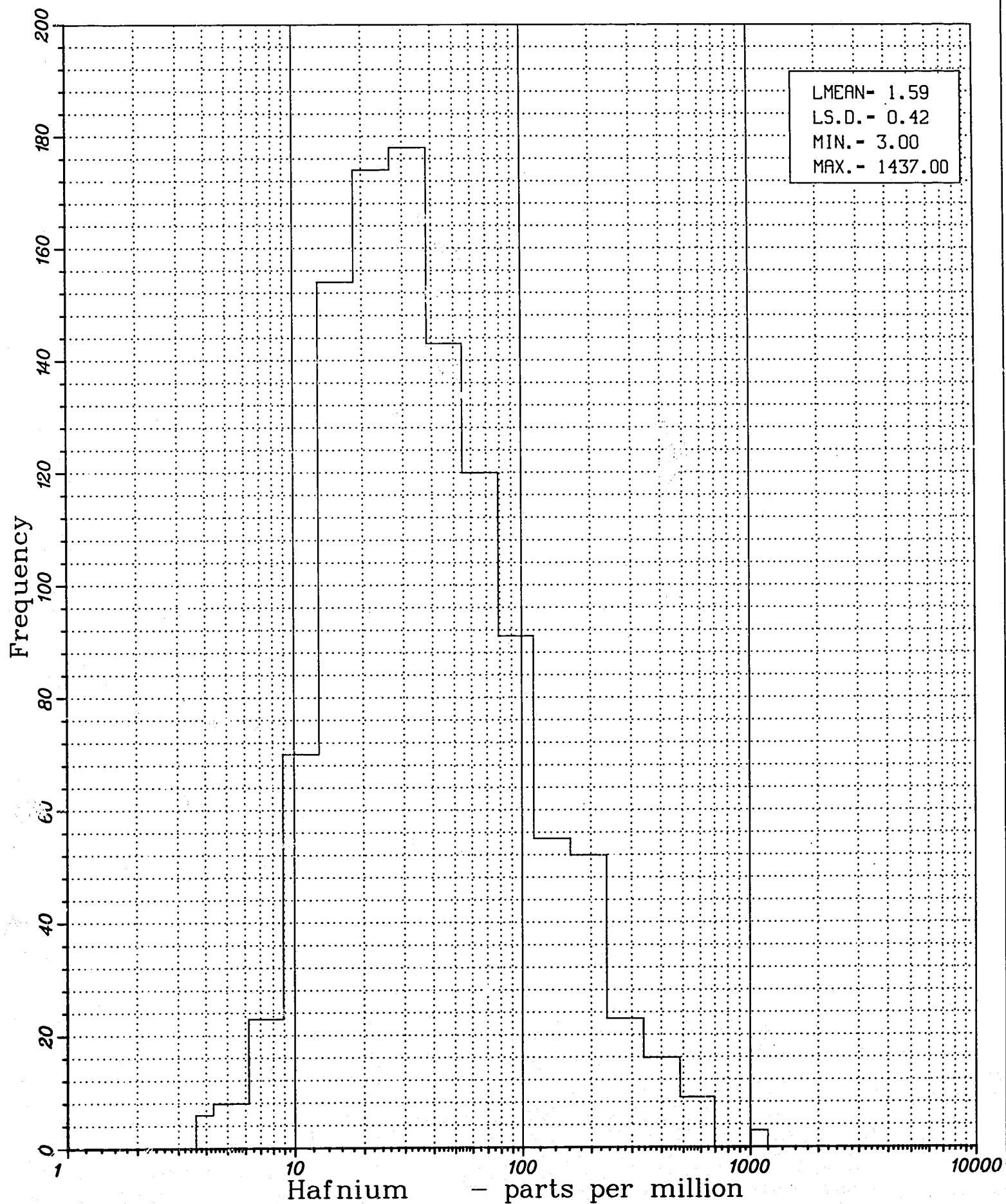
+ < 2.7	o 6.1- 8.2	○ 15.4- 21.6	⊙ 50.7- 88.4	● 189.3- 290.3
x 2.7- 3.9	o 8.2- 11.2	⊙ 21.6- 33.3	⊙ 88.4- 136.6	◆ 290.3- 497.2
• 3.9- 6.1	○ 11.2- 15.4	⊙ 33.3- 50.7	⊙ 136.6- 189.3	★ > 497.2



PHENIX CITY 1'x2' Sheet

Log Histogram Hafnium Values Surface Site

1125 Values Above Detection Limits

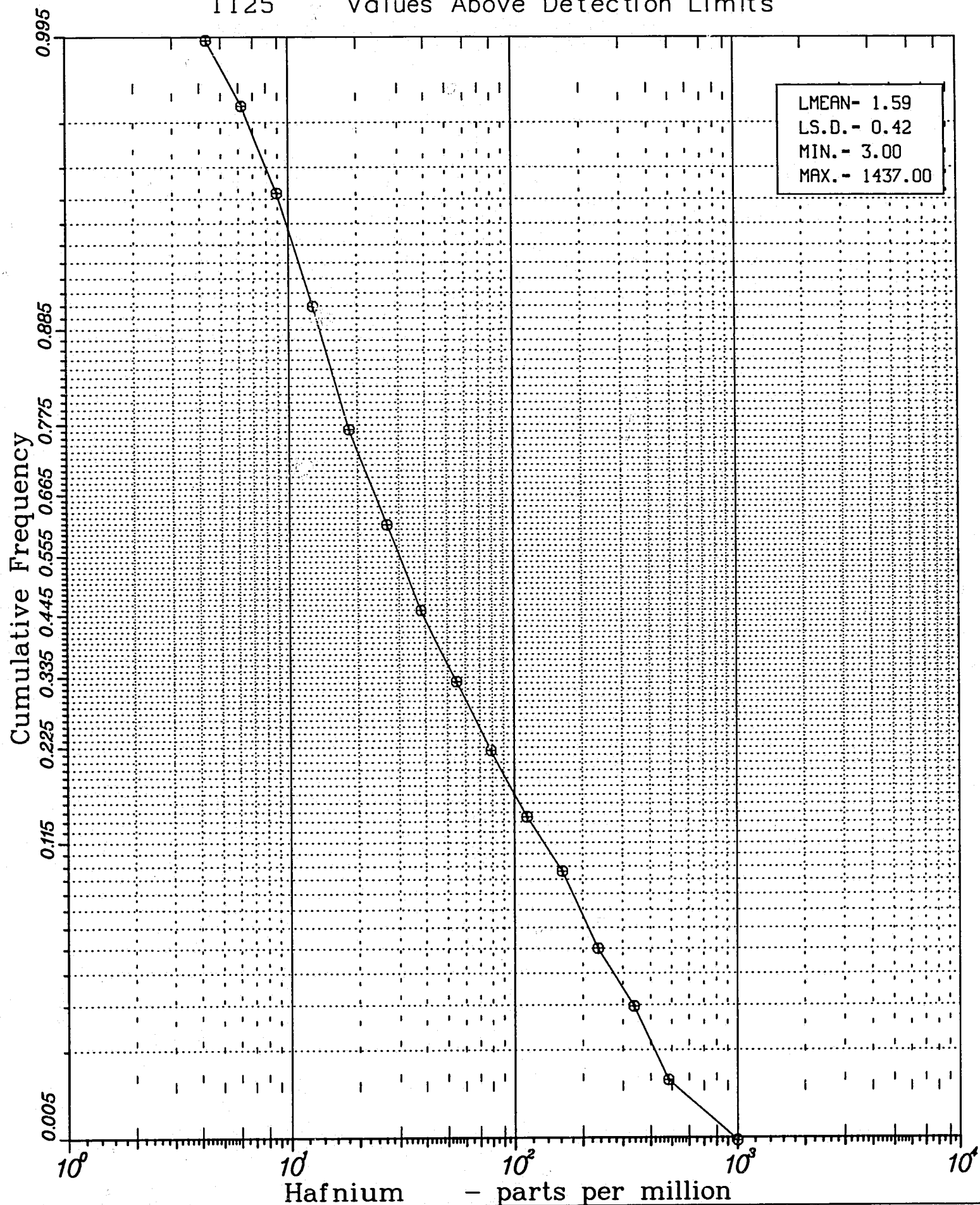


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

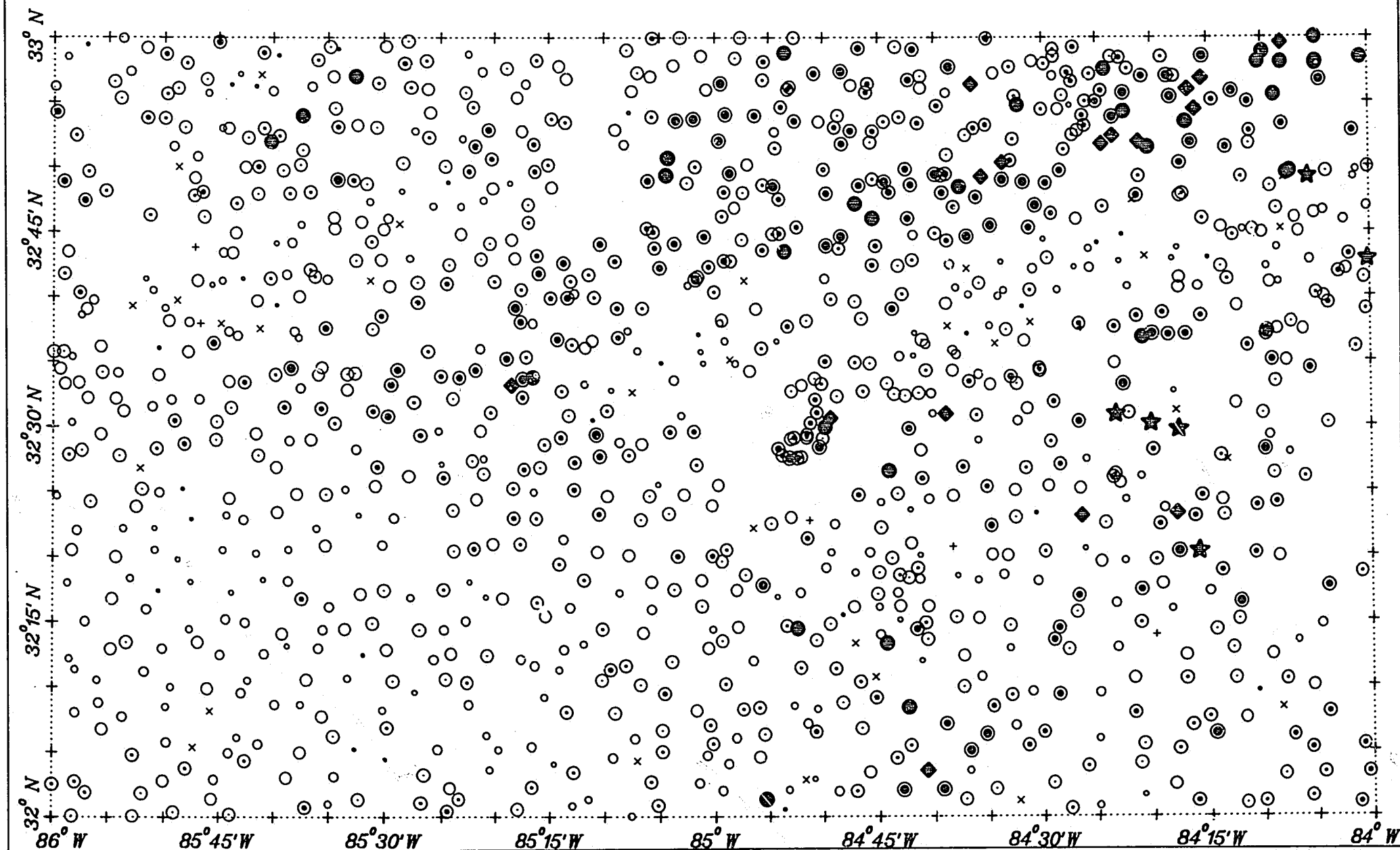
Hafnium Values - Surface Sites

1125 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Hafnium In Sediments
1125 Values Above D.L.

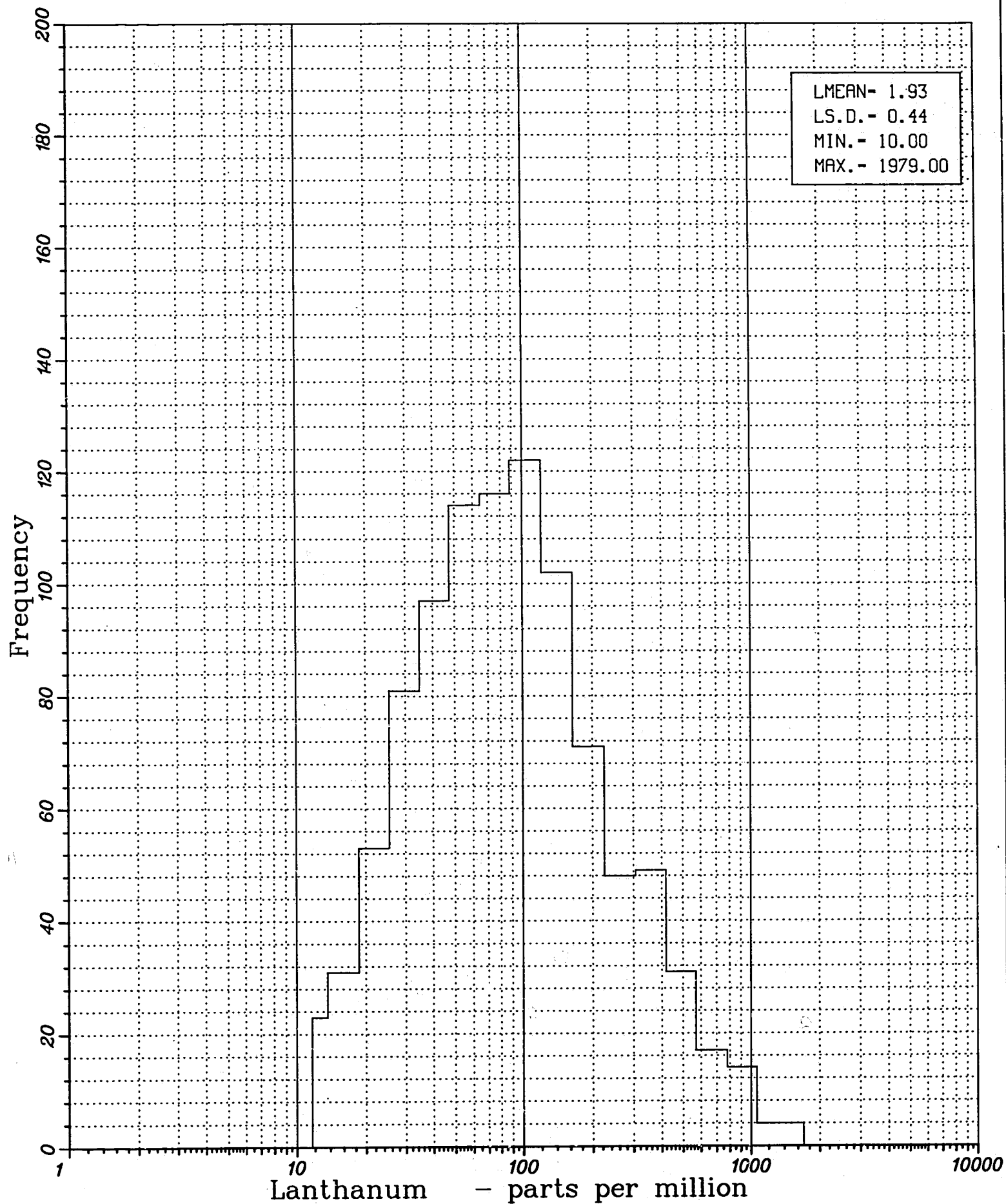
Hafnium concentration - p.p.m.				
+ < 4.0	o 10.0- 12.0	○ 21.0- 29.0	⊙ 63.0- 103.0	⊕ 226.0- 347.0
x 4.0- 8.0	o 12.0- 16.0	⊙ 29.0- 42.0	⊙ 103.0- 163.0	◆ 347.0- 554.0
• 8.0- 10.0	○ 16.0- 21.0	⊙ 42.0- 63.0	⊙ 163.0- 226.0	★ > 554.0



PHENIX CITY 1'x2' Sheet

Log Histogram Lanthanum Values Surface Site

977 Values Above Detection Limits



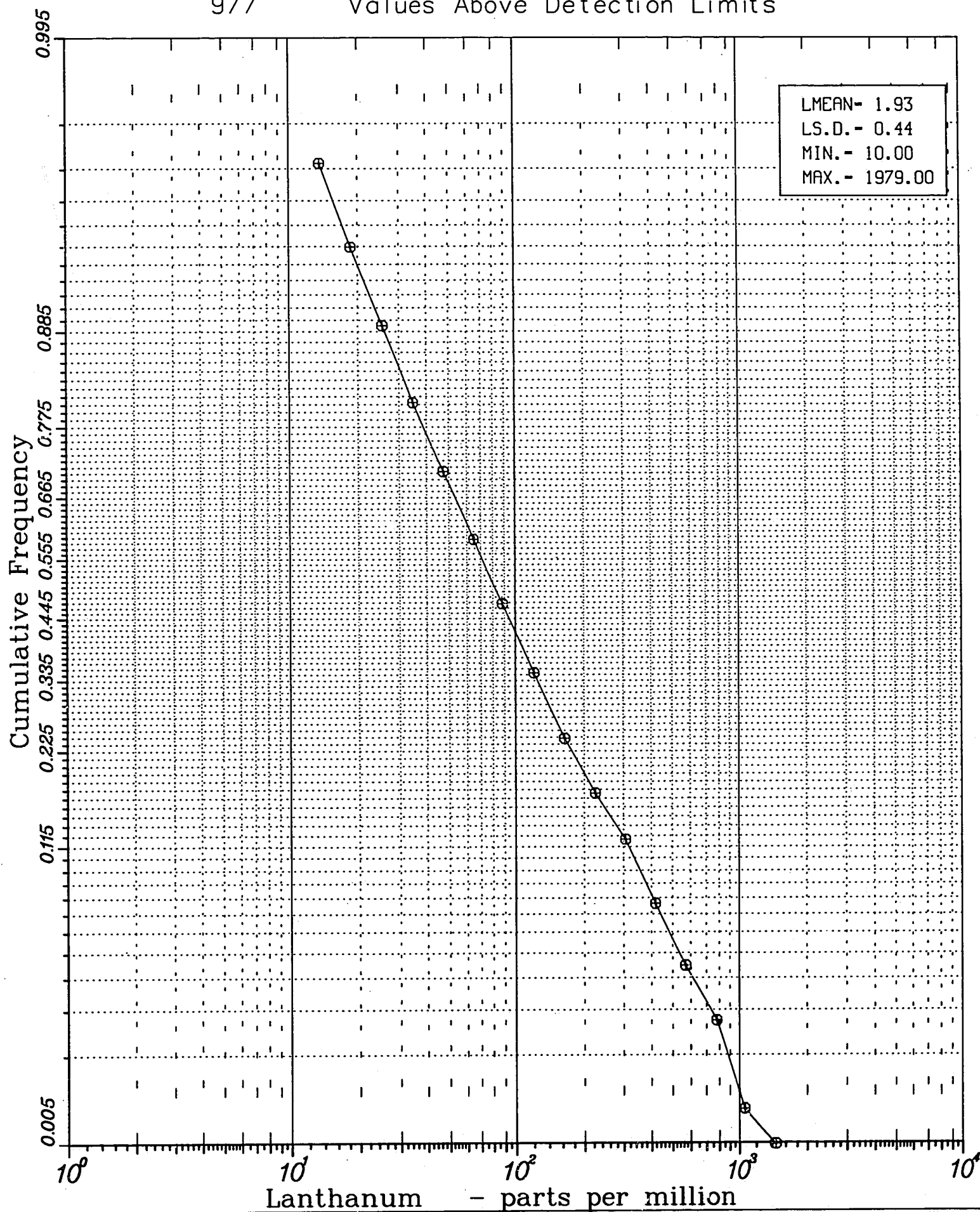
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Lanthanum Values - Surface Sites

977

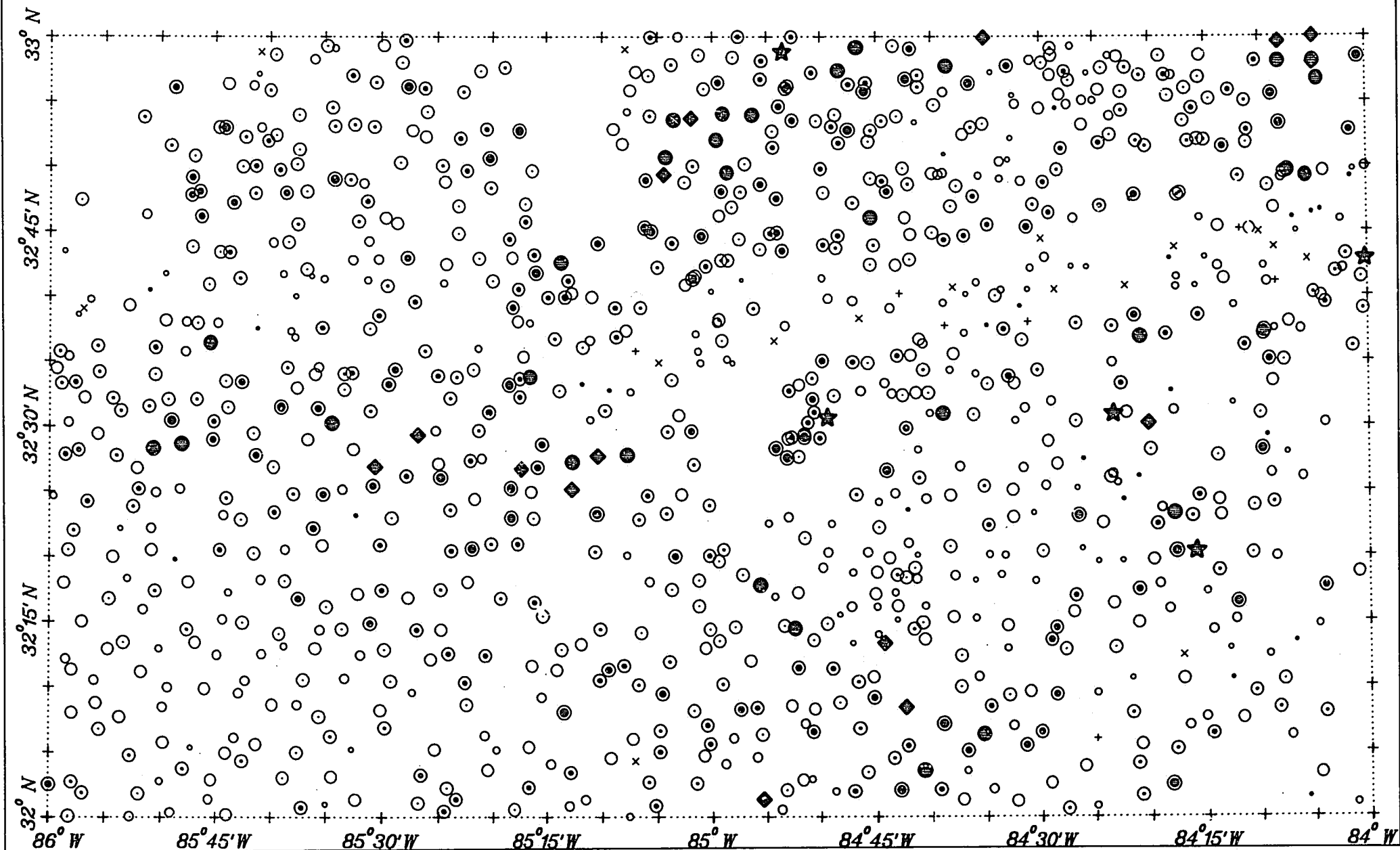
Values Above Detection Limits



PHENIX CITY 1°x2° Sheet
Lanthanum In Sediments
977 Values Above D.L.

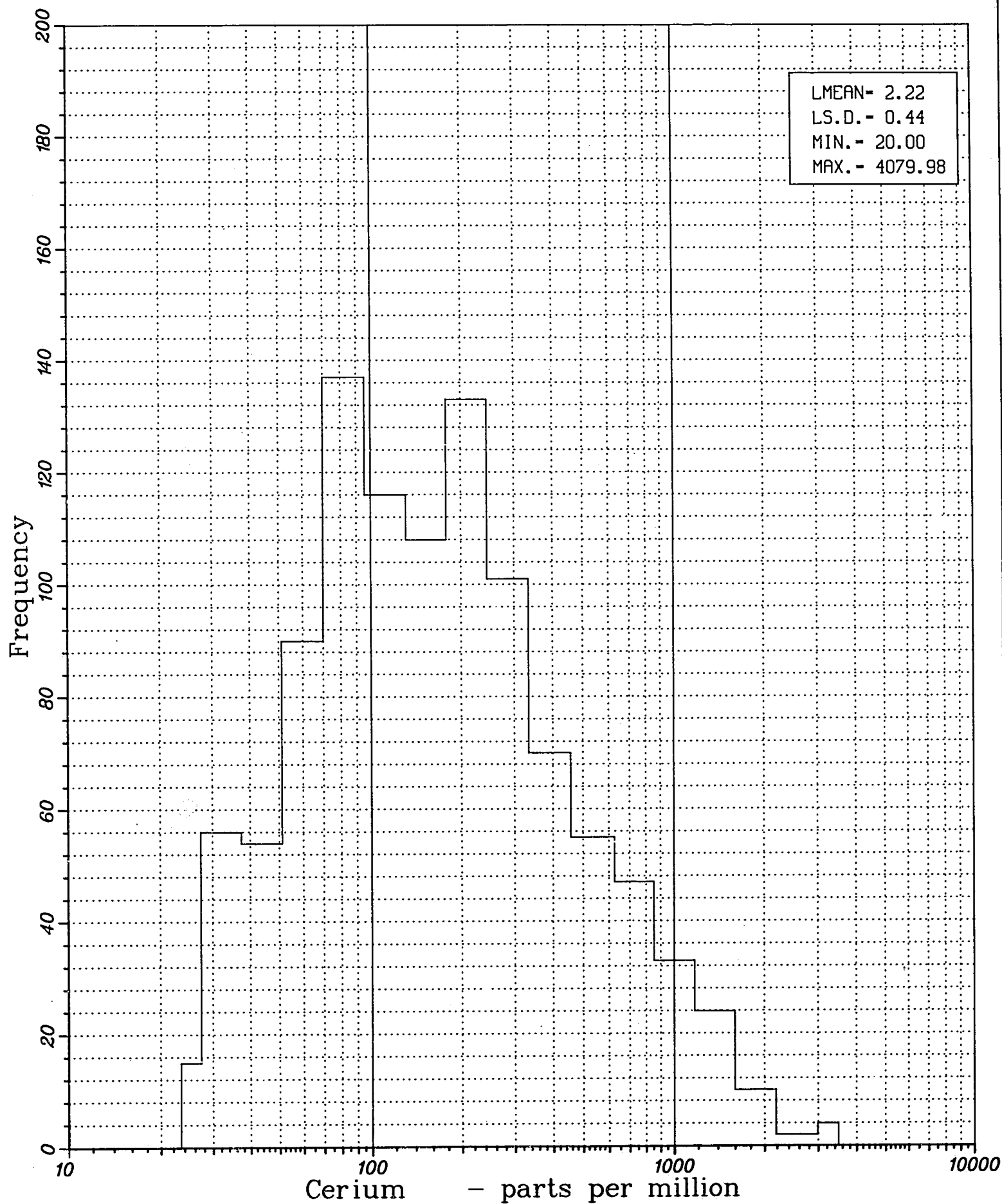
Lanthanum concentration - p.p.m.

+ < 10.0	o 17.0- 22.0	○ 46.0- 68.0	⊙ 147.0- 239.0	● 518.0- 863.0
x 10.0- 13.0	o 22.0- 31.0	○ 68.0- 99.0	⊙ 239.0- 392.0	◆ 863.0- 1337.0
• 13.0- 17.0	o 31.0- 46.0	⊙ 99.0- 147.0	⊙ 392.0- 518.0	★ > 1337.0



PHENIX CITY 1°x2° Sheet

Log Histogram Cerium Values Surface Site
1055 Values Above Detection Limits



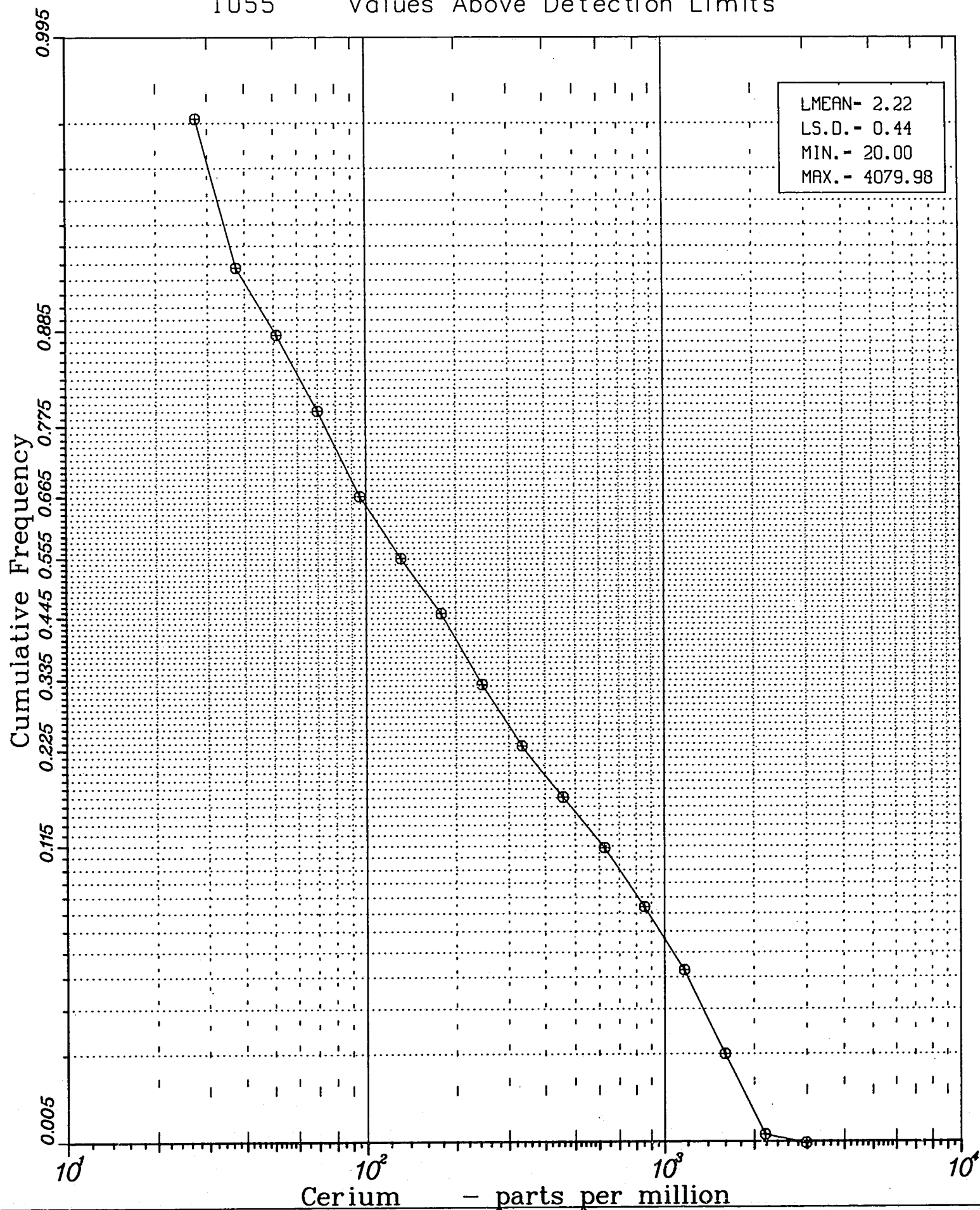
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Cerium Values - Surface Sites

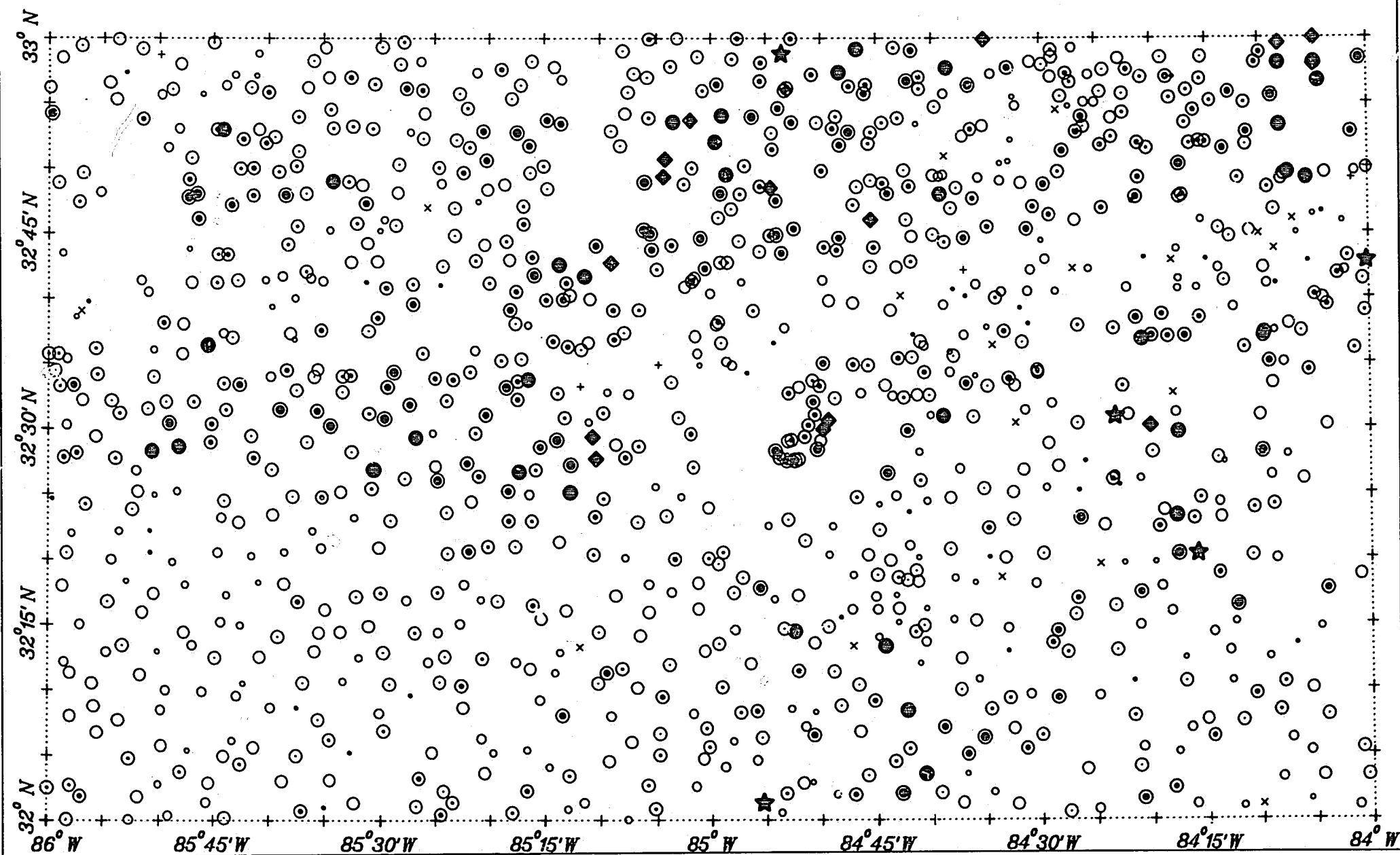
1055

Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Cerium In Sediments
 1055 Values Above D.L.

Cerium concentration - p.p.m.				
+ < 24.0	o 35.0- 46.0	○ 83.0- 124.0	⊙ 285.0- 468.0	⊕ 1050.0- 1480.0
x 24.0- 29.0	o 46.0- 60.0	○ 124.0- 192.0	⊙ 468.0- 732.0	◆ 1480.0- 2348.0
• 29.0- 35.0	○ 60.0- 83.0	⊙ 192.0- 285.0	⊙ 732.0- 1050.0	★ > 2348.0

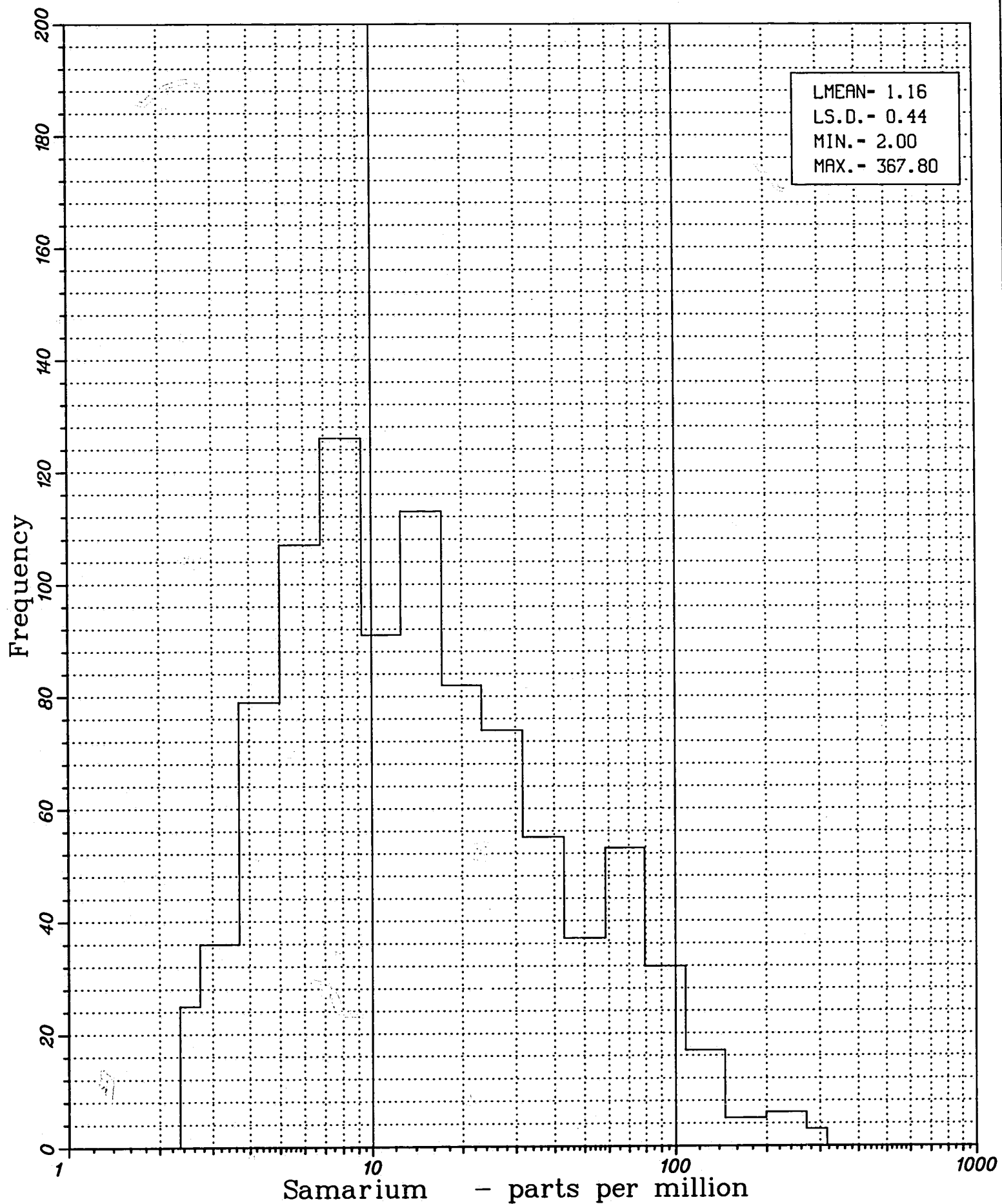


PHENIX CITY 1'x2' Sheet

Log Histogram Samarium Values Surface Site

941

Values Above Detection Limits



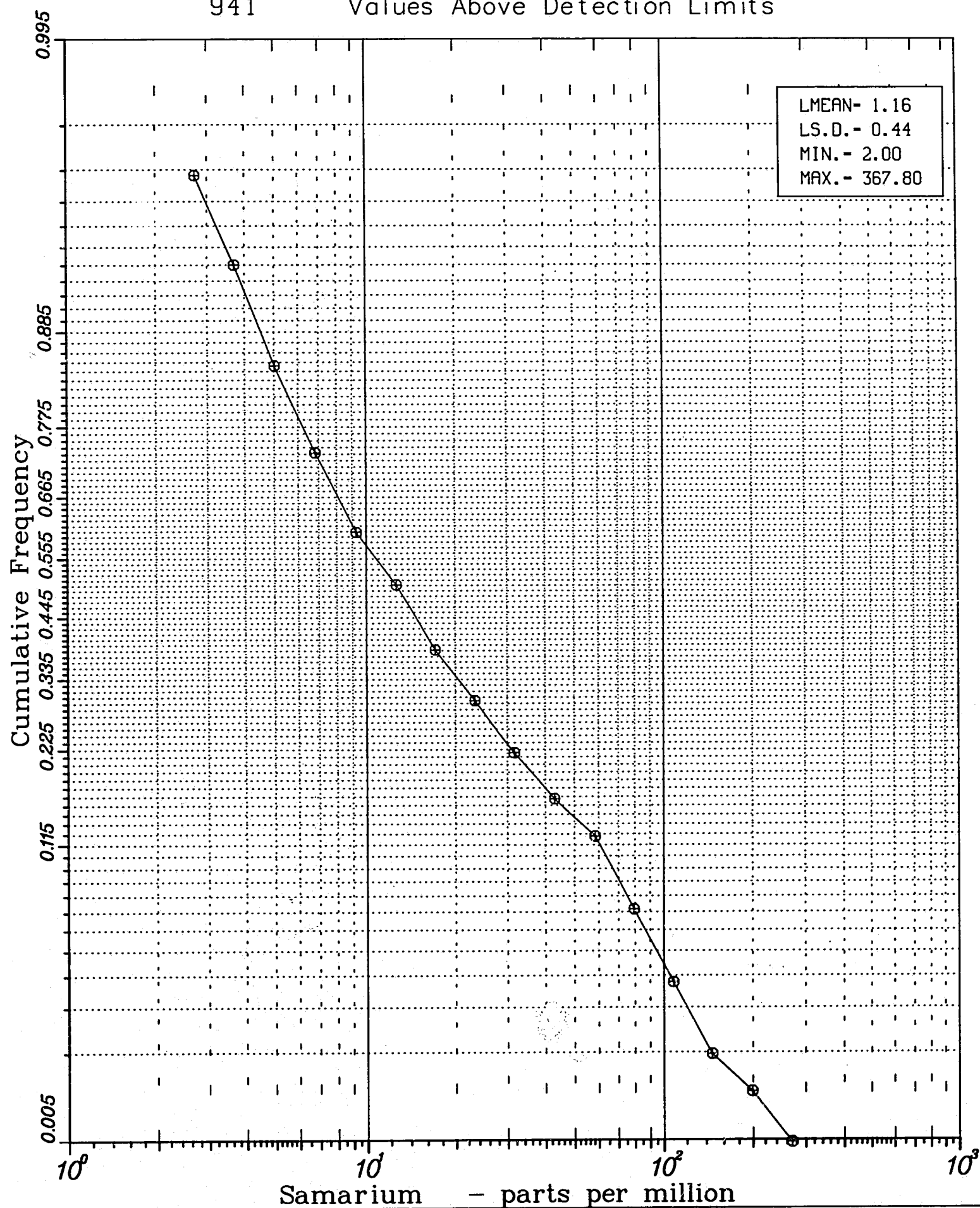
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Samarium Values - Surface Sites

941

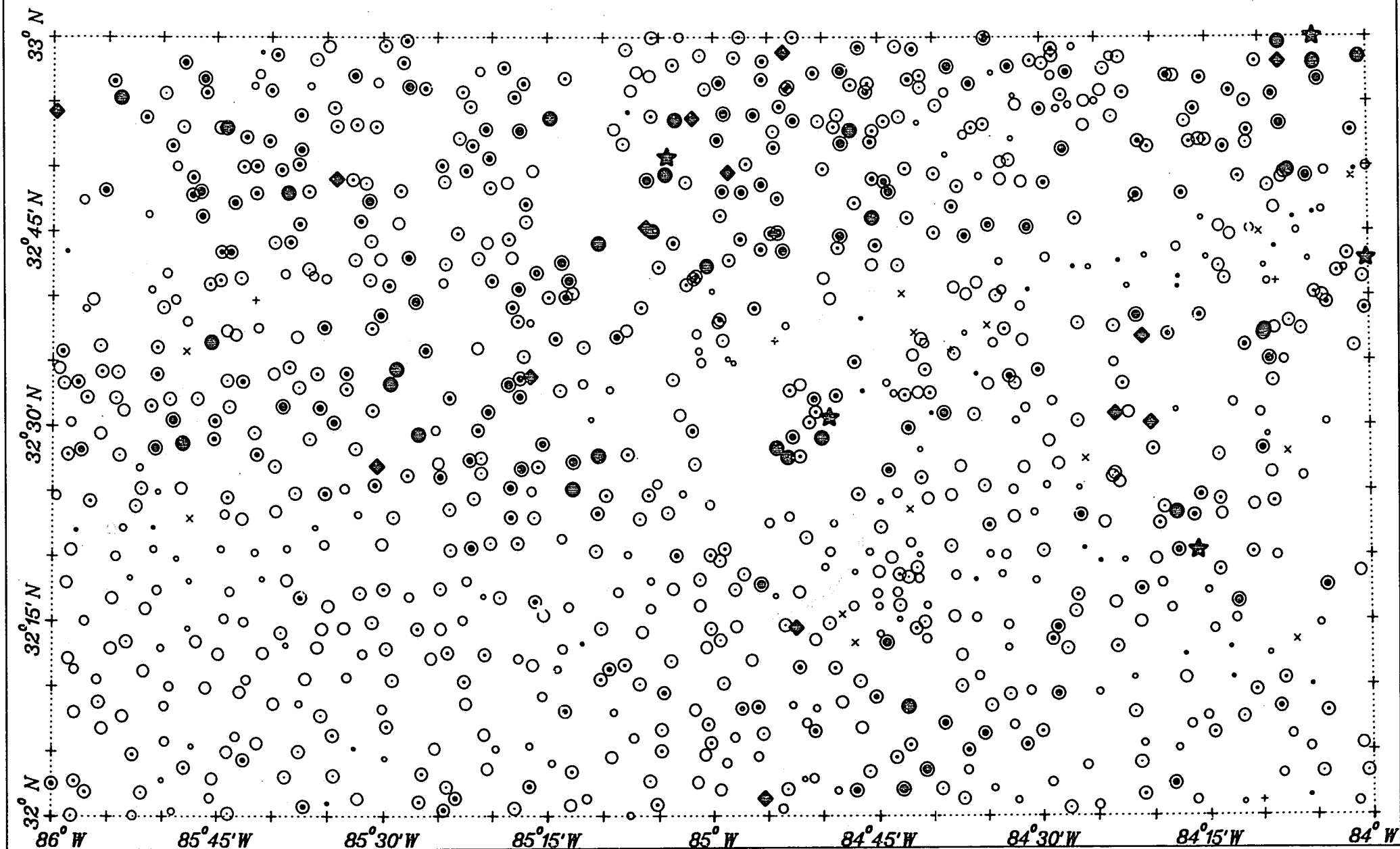
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Samarium In Sediments
941 Values Above D.L.

Samarium concentration - p.p.m.

+ < 2.1	o 3.3- 4.0	○ 7.2- 9.9	⊙ 25.7- 43.6	● 91.8- 122.3
x 2.1- 2.5	o 4.0- 5.2	⊙ 9.9- 15.7	⊙ 43.6- 67.6	◆ 122.3- 256.0
• 2.5- 3.3	o 5.2- 7.2	⊙ 15.7- 25.7	⊙ 67.6- 91.8	★ > 256.0

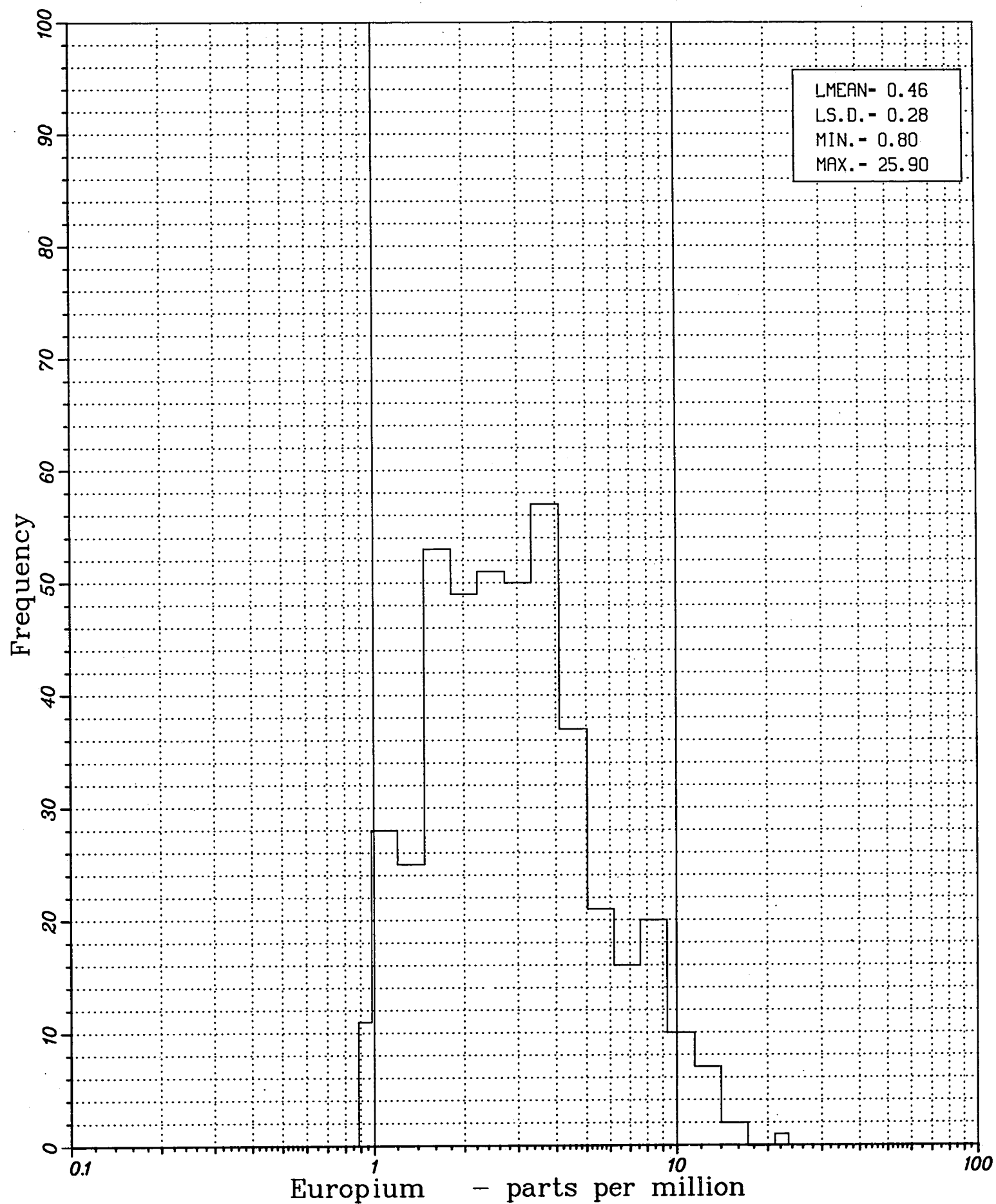


PHENIX CITY 1'x2' Sheet

Log Histogram Europium Values Surface Site

438

Values Above Detection Limits



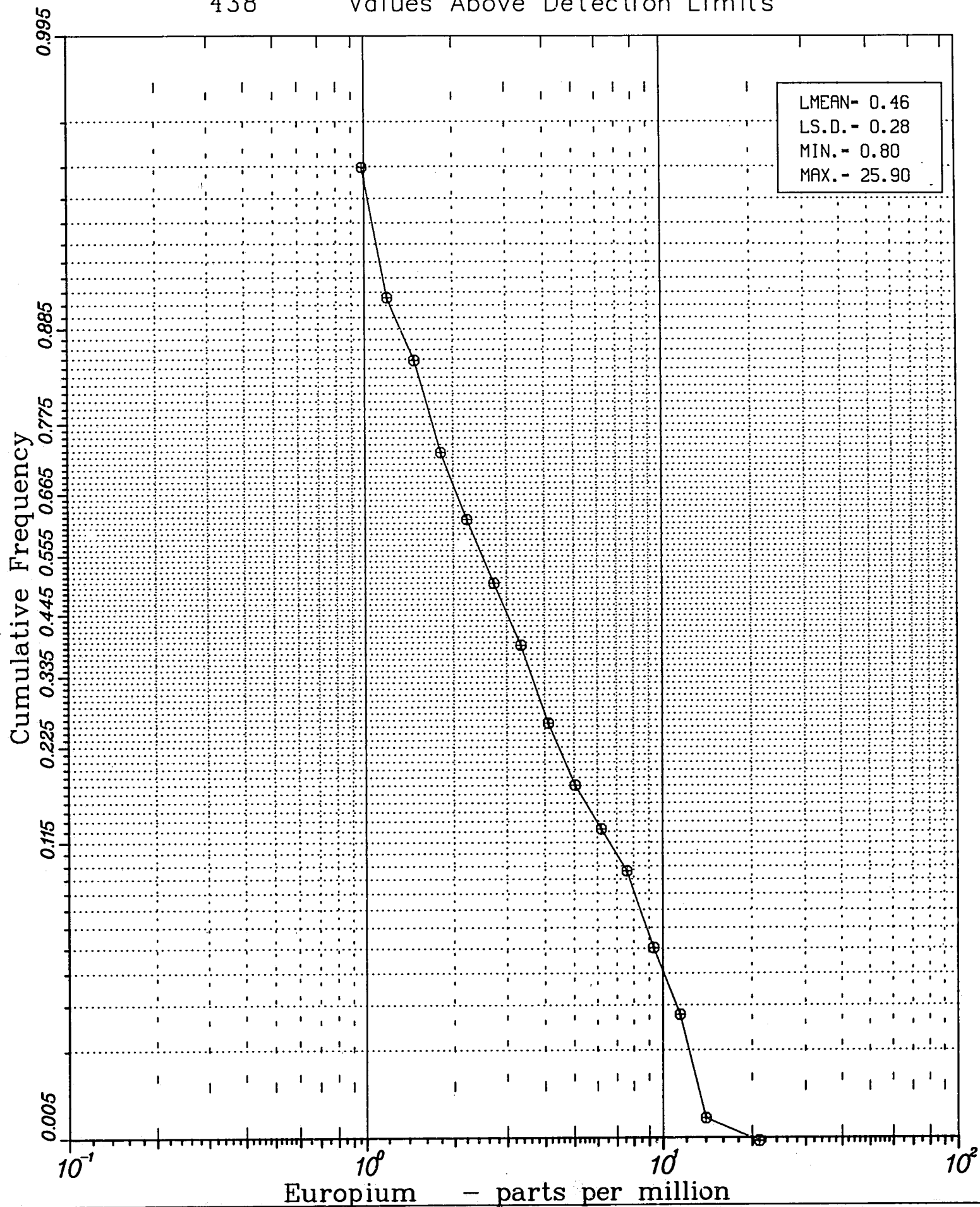
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Europium Values - Surface Sites

438

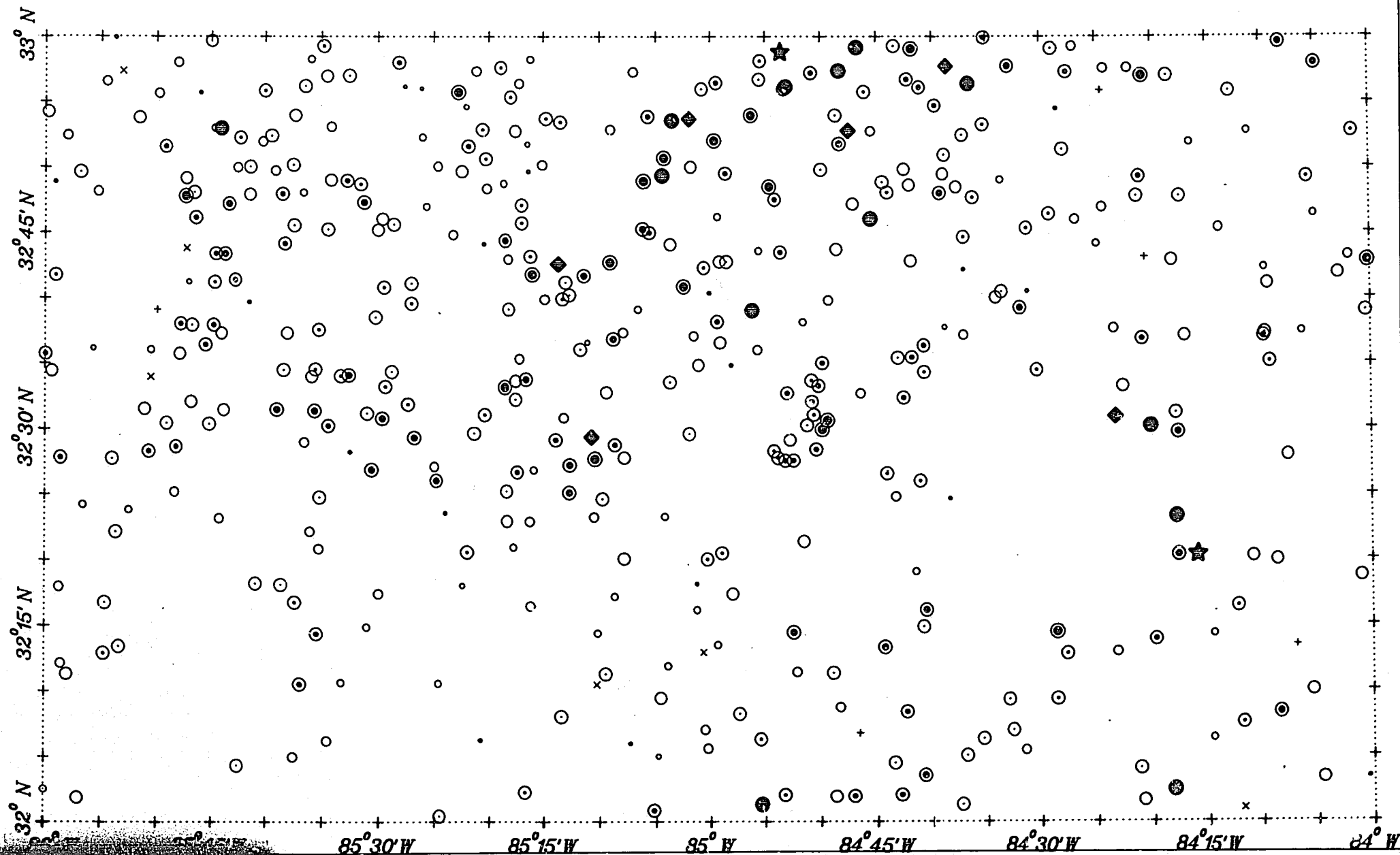
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Europium In Sediments
438 Values Above D.L.

Europium concentration - p.p.m.

+ < 0.8	o 1.1- 1.2	o 1.9- 2.4	o 3.9- 5.5	o 9.1- 11.8
x 0.8- 0.9	o 1.2- 1.5	o 2.4- 3.2	o 5.5- 7.7	o 11.8- 14.8
o 0.9- 1.1	o 1.5- 1.9	o 3.2- 3.9	o 7.7- 9.1	o > 14.8

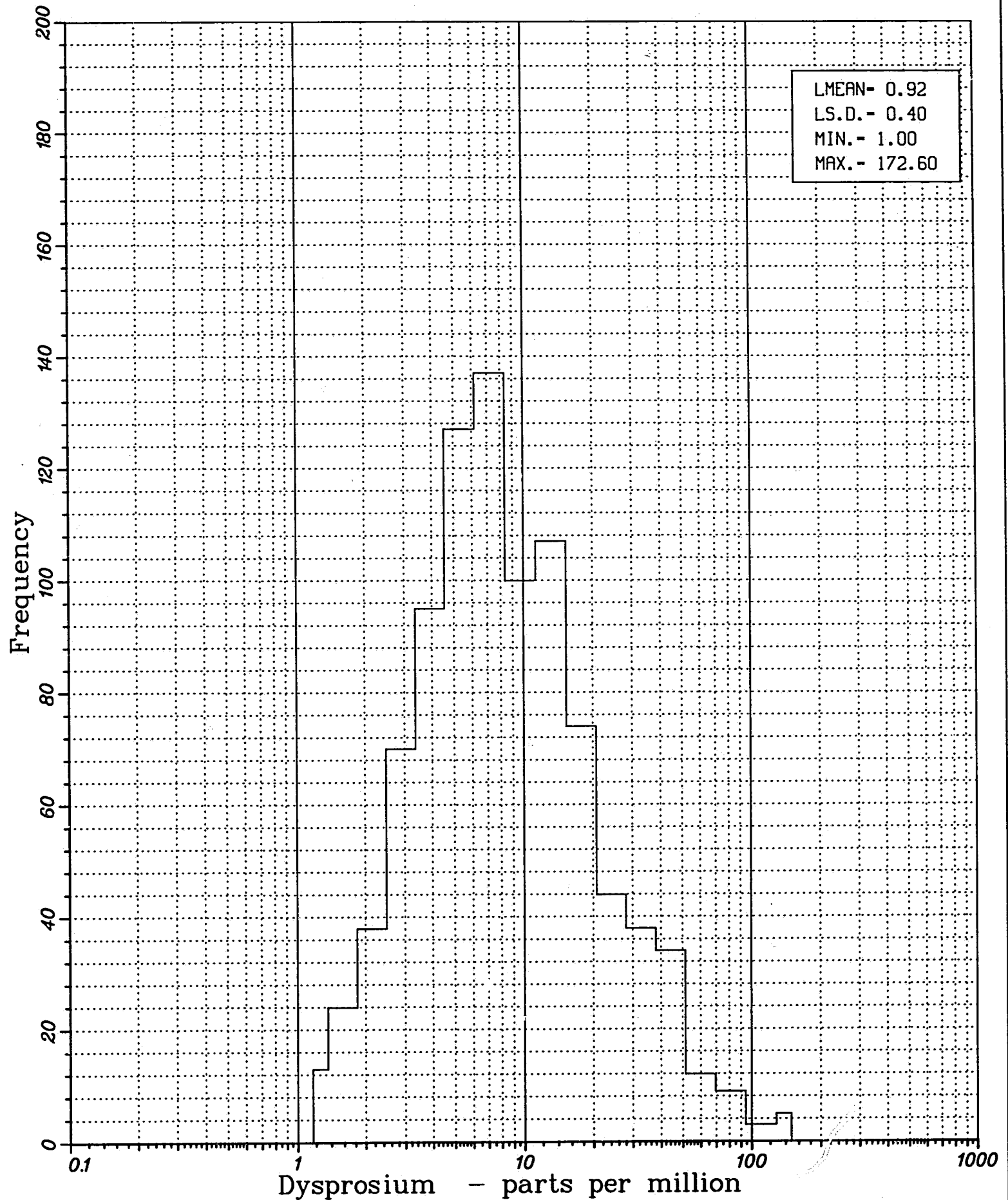


PHENIX CITY 1'x2' Sheet

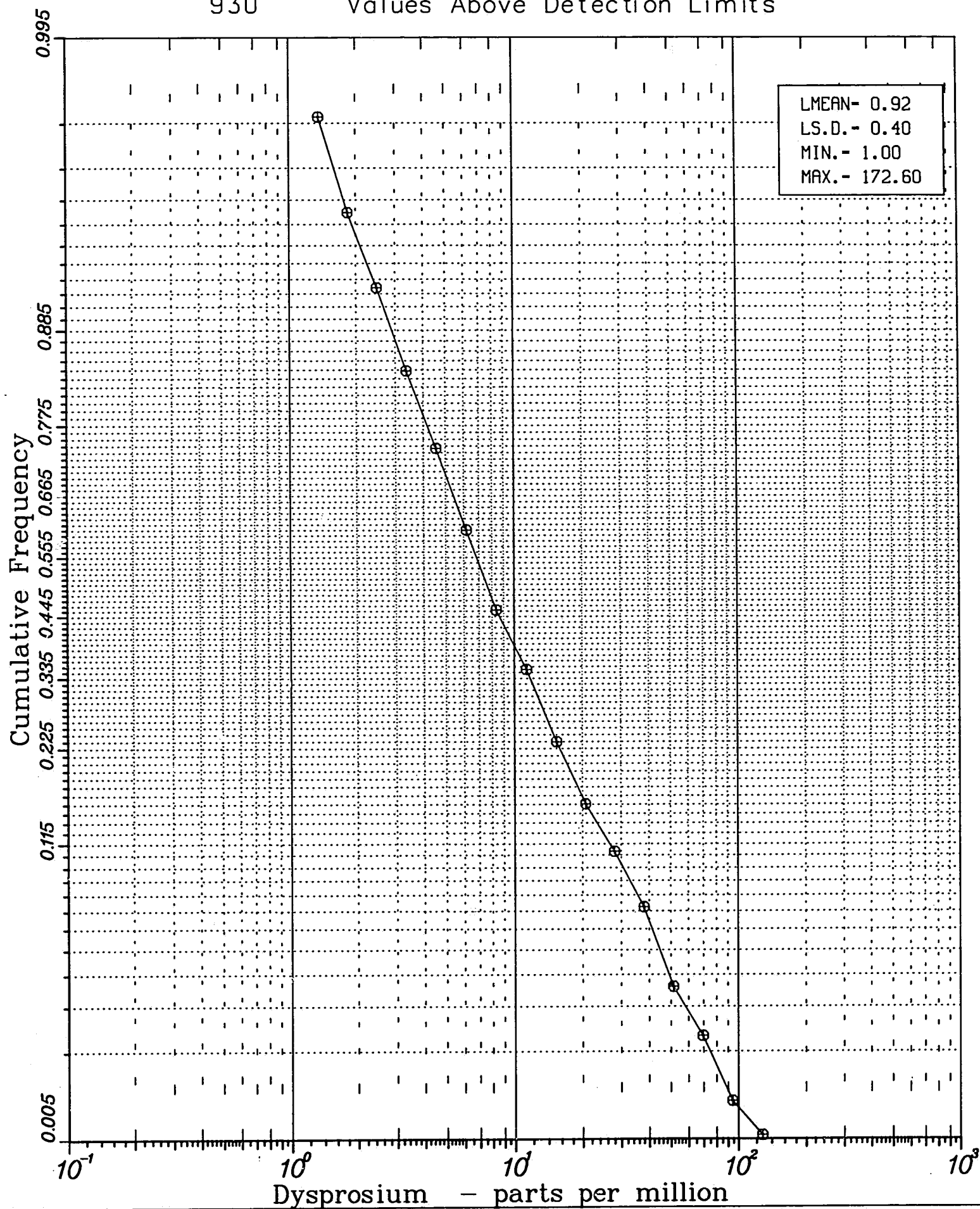
Log Histogram Dysprosium Values Surface Site

930

Values Above Detection Limits



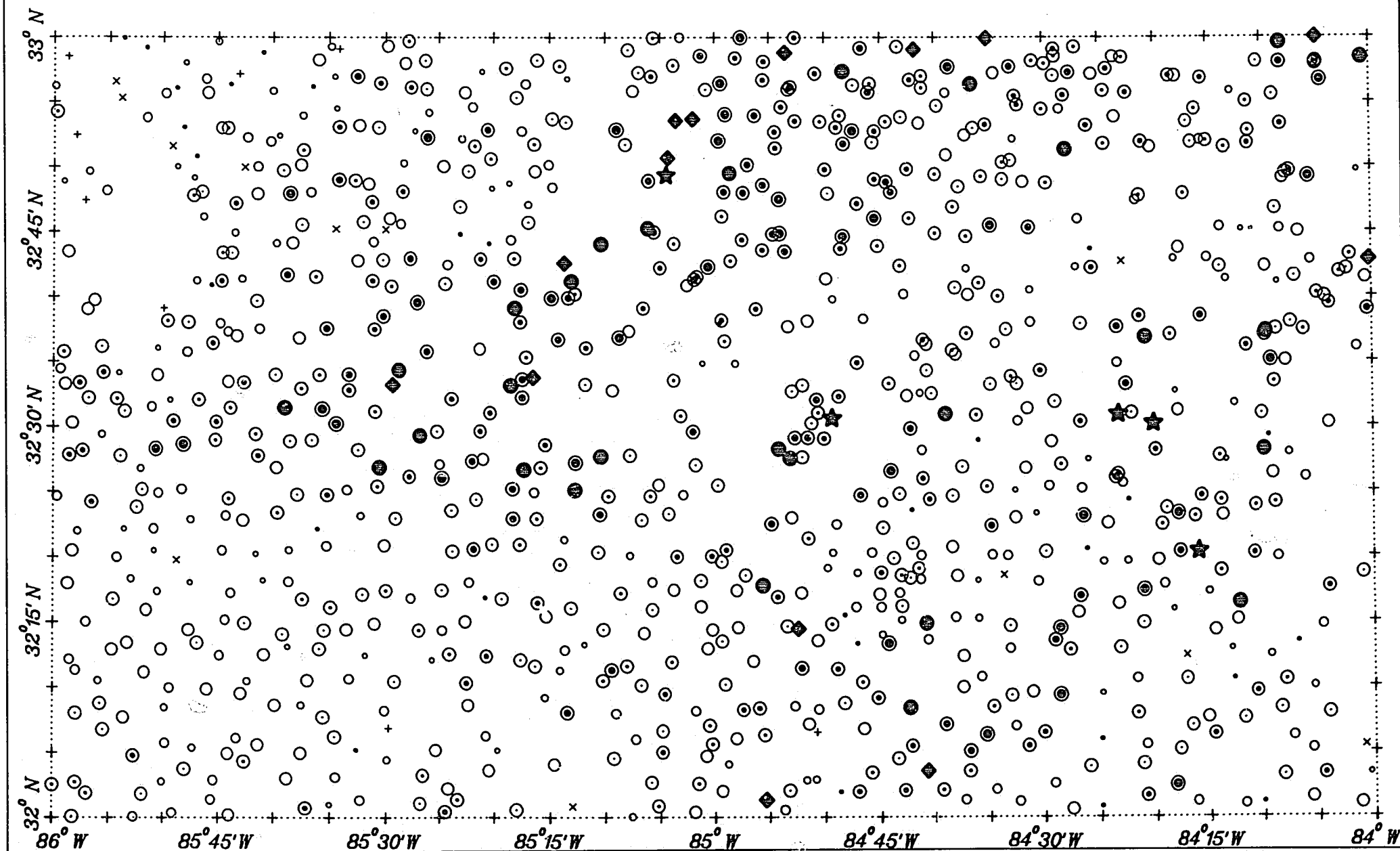
PHENIX CITY 1'x2' Sheet
Log Cumulative Frequency Plot
Dysprosium Values - Surface Sites
930 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Dysprosium In Sediments
930 Values Above D.L.

Dysprosium concentration - p.p.m.

+ < 1.1	o 2.0- 2.6	○ 4.8- 6.4	⊙ 13.3- 20.0	⊗ 45.1- 62.6
x 1.1- 1.5	o 2.6- 3.4	⊙ 6.4- 9.1	⊙ 20.0- 32.3	⊗ 62.6- 122.6
• 1.5- 2.0	○ 3.4- 4.8	⊙ 9.1- 13.3	⊙ 32.3- 45.1	★ > 122.6

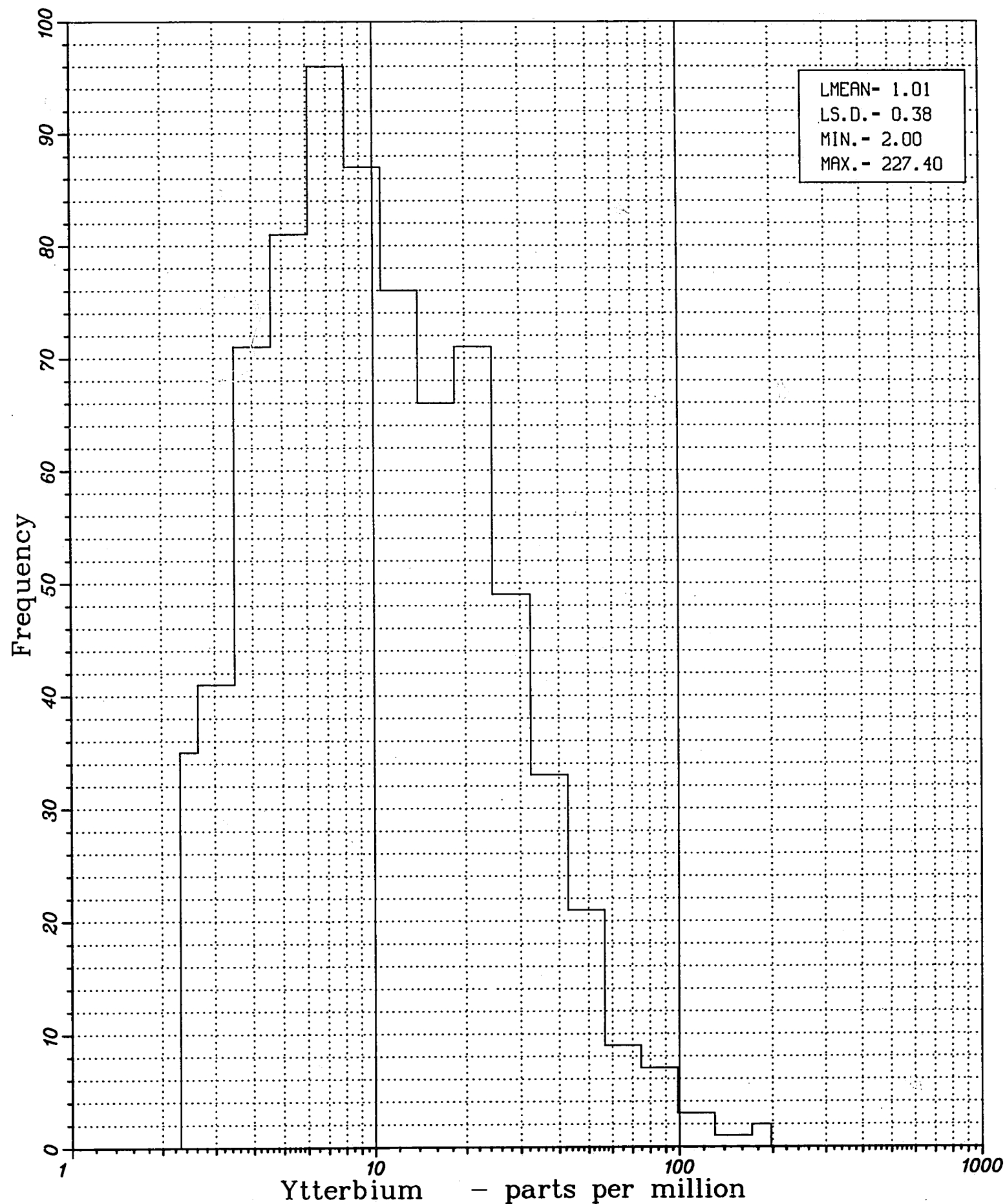


PHENIX CITY 1'x2' Sheet

Log Histogram Ytterbium Values Surface Site

749

Values Above Detection Limits



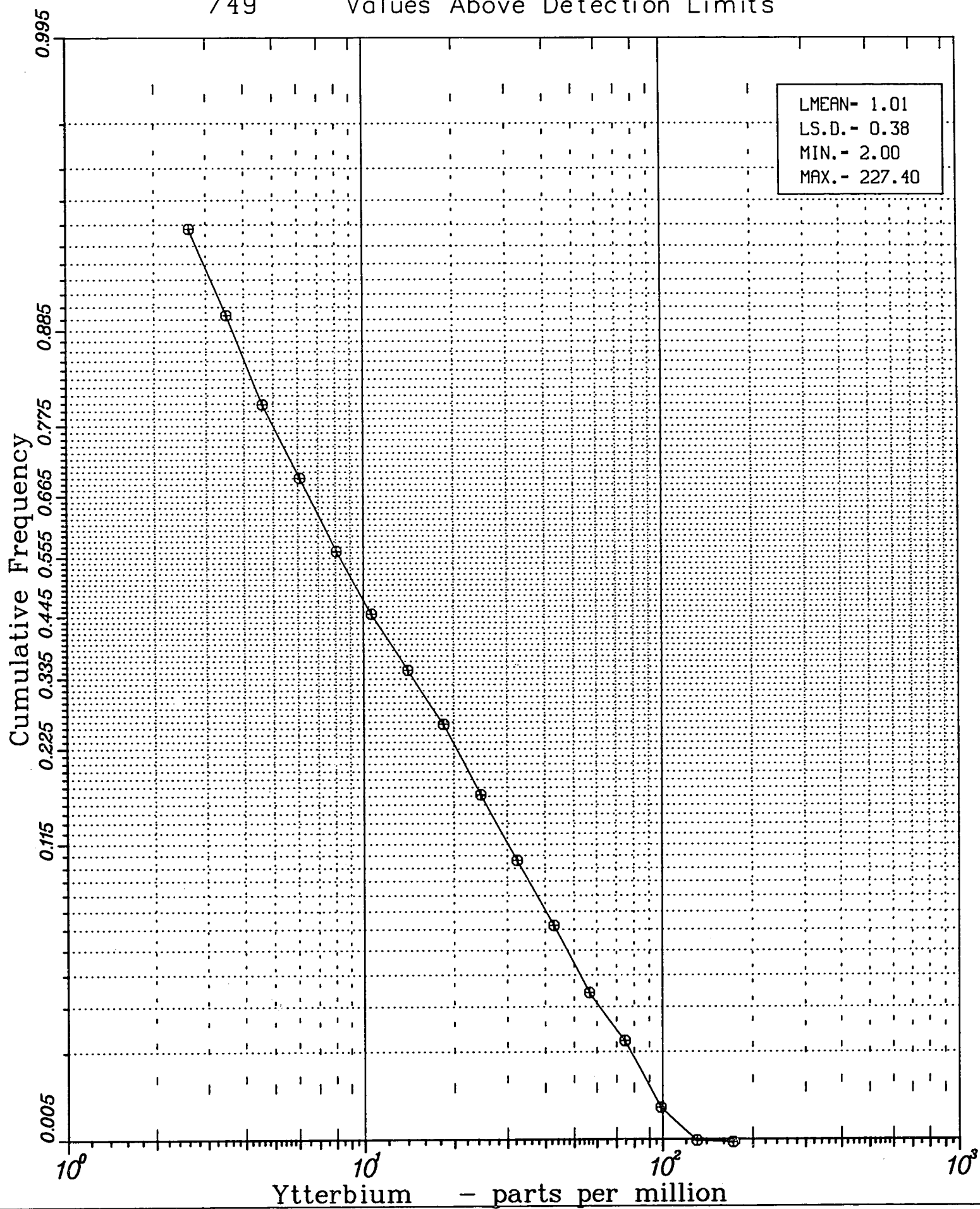
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Ytterbium Values - Surface Sites

749

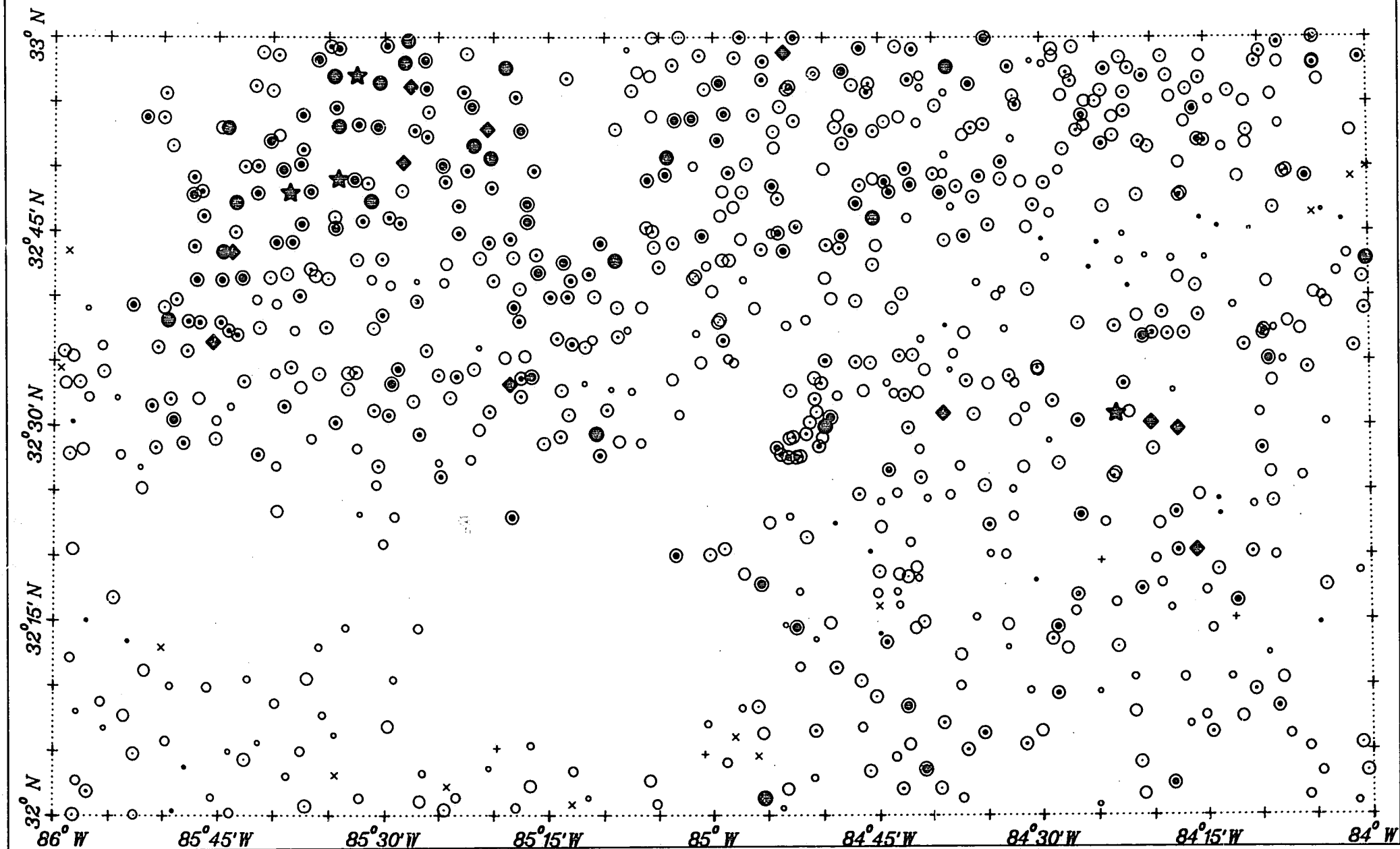
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Ytterbium In Sediments
749 Values Above D.L.

Ytterbium concentration - p.p.m.

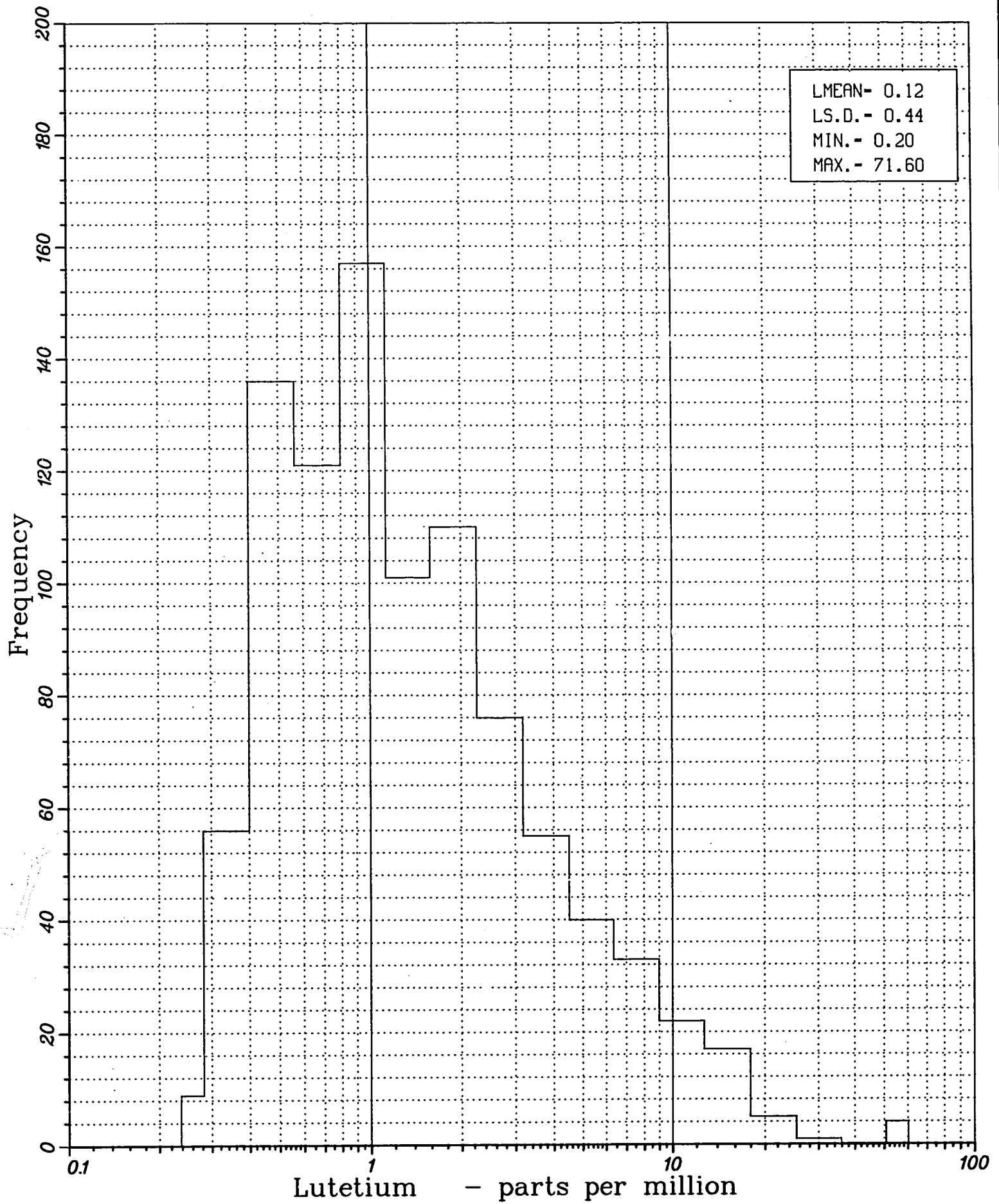
+ < 2.0	o 2.7- 3.2	○ 5.6- 7.8	⊙ 17.7- 25.3	⊗ 45.2- 61.1
x 2.0- 2.3	o 3.2- 4.2	⊙ 7.8- 11.6	⊙ 25.3- 35.2	⬢ 61.1- 119.2
• 2.3- 2.7	○ 4.2- 5.6	⊙ 11.6- 17.7	⊙ 35.2- 45.2	★ > 119.2



PHENIX CITY 1'x2' Sheet

Log Histogram Lutetium Values Surface Site

943 Values Above Detection Limits



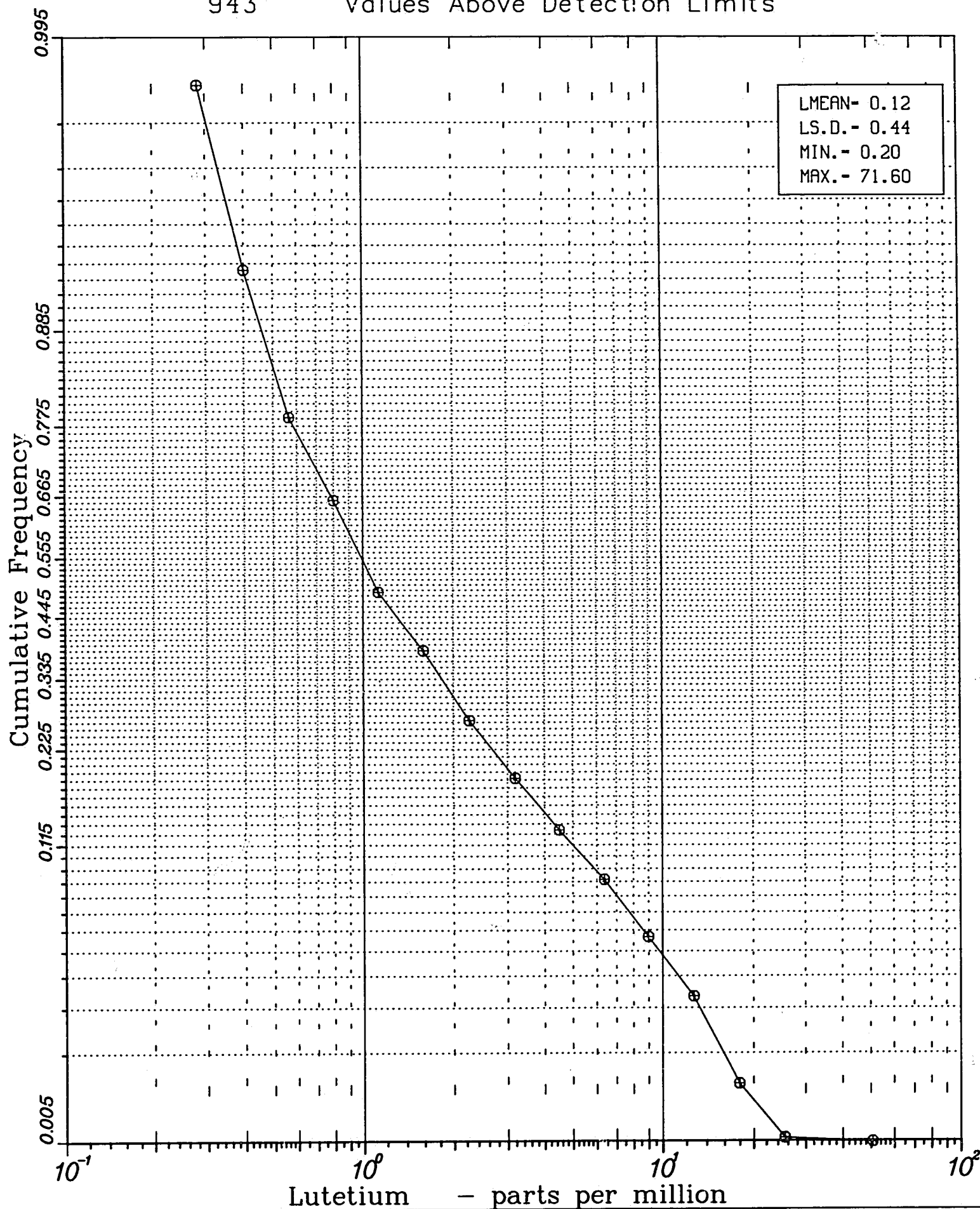
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Lutetium Values - Surface Sites

943

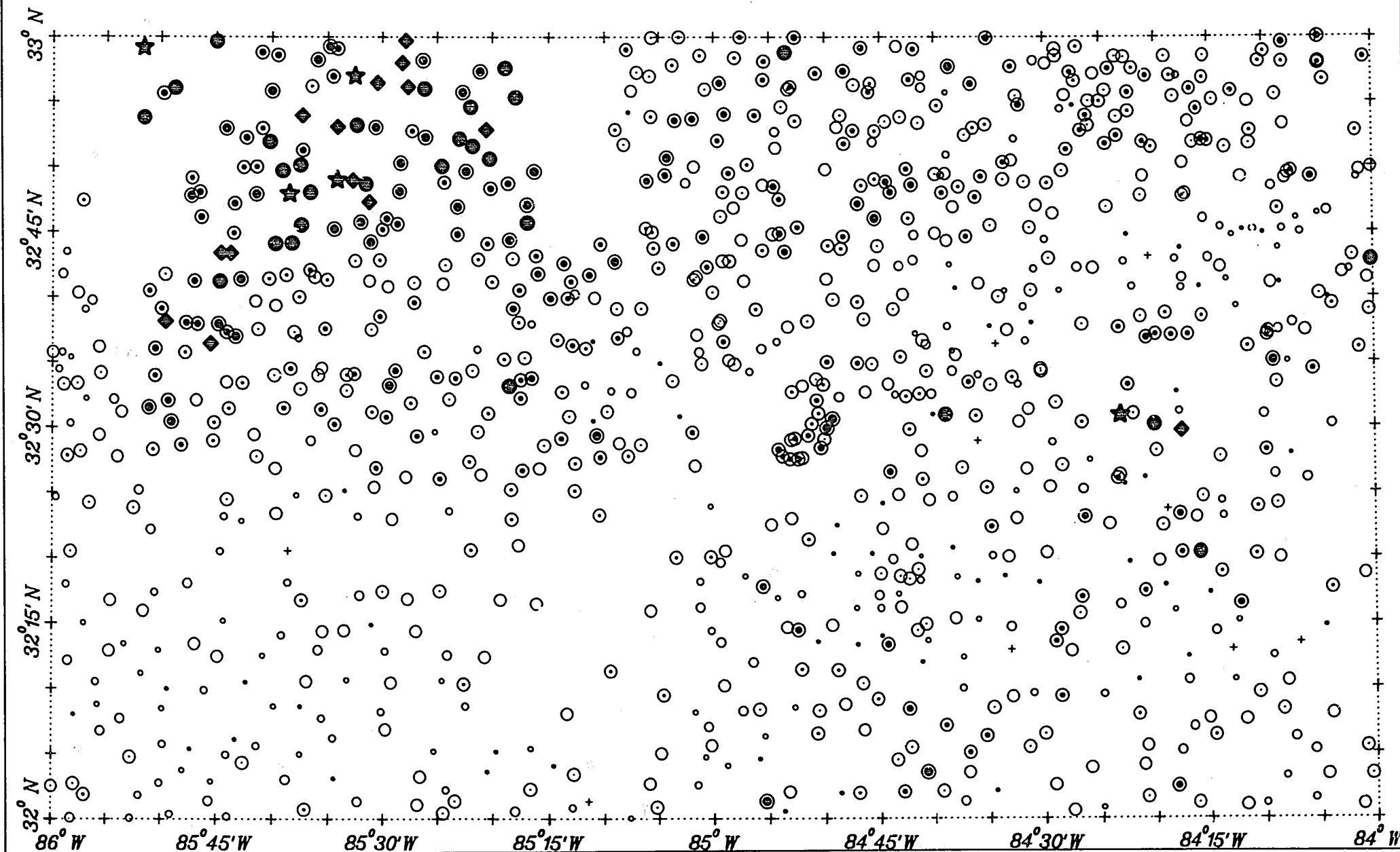
Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Lutetium In Sediments
943 Values Above D.L.

Lutetium concentration - p.p.m.

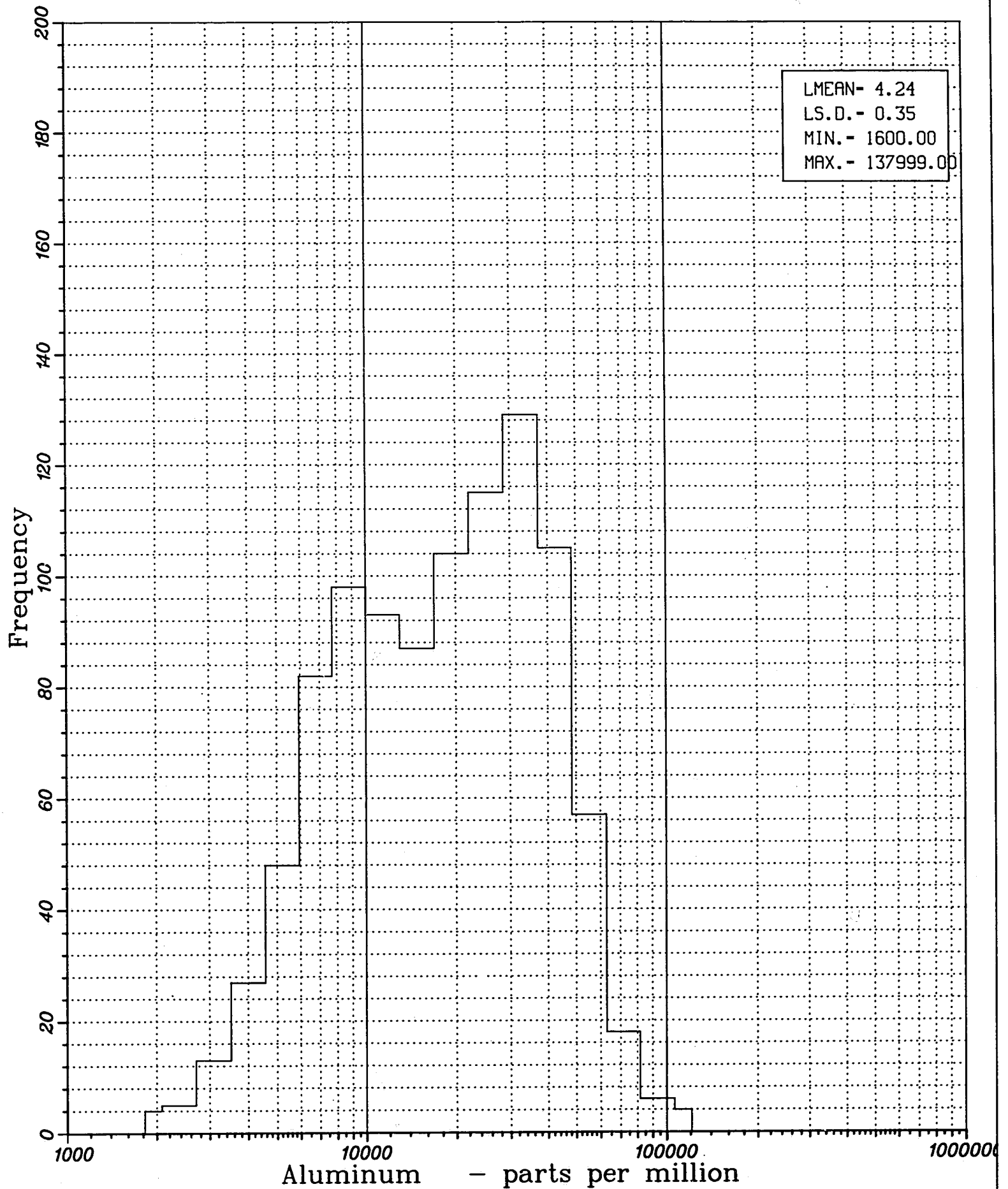
+ < 0.2	o 0.3- 0.4	o 0.6- 0.9	o 2.1- 3.5	o 9.2- 14.3
x 0.2- 0.3	o 0.4- 0.5	o 0.9- 1.4	o 3.5- 6.1	o 14.3- 23.4
• 0.3- 0.3	o 0.5- 0.6	o 1.4- 2.1	o 6.1- 9.2	★ > 23.4



PHENIX CITY 1'x2' Sheet

Log Histogram Aluminum Values Surface Site

995 Values Above Detection Limits

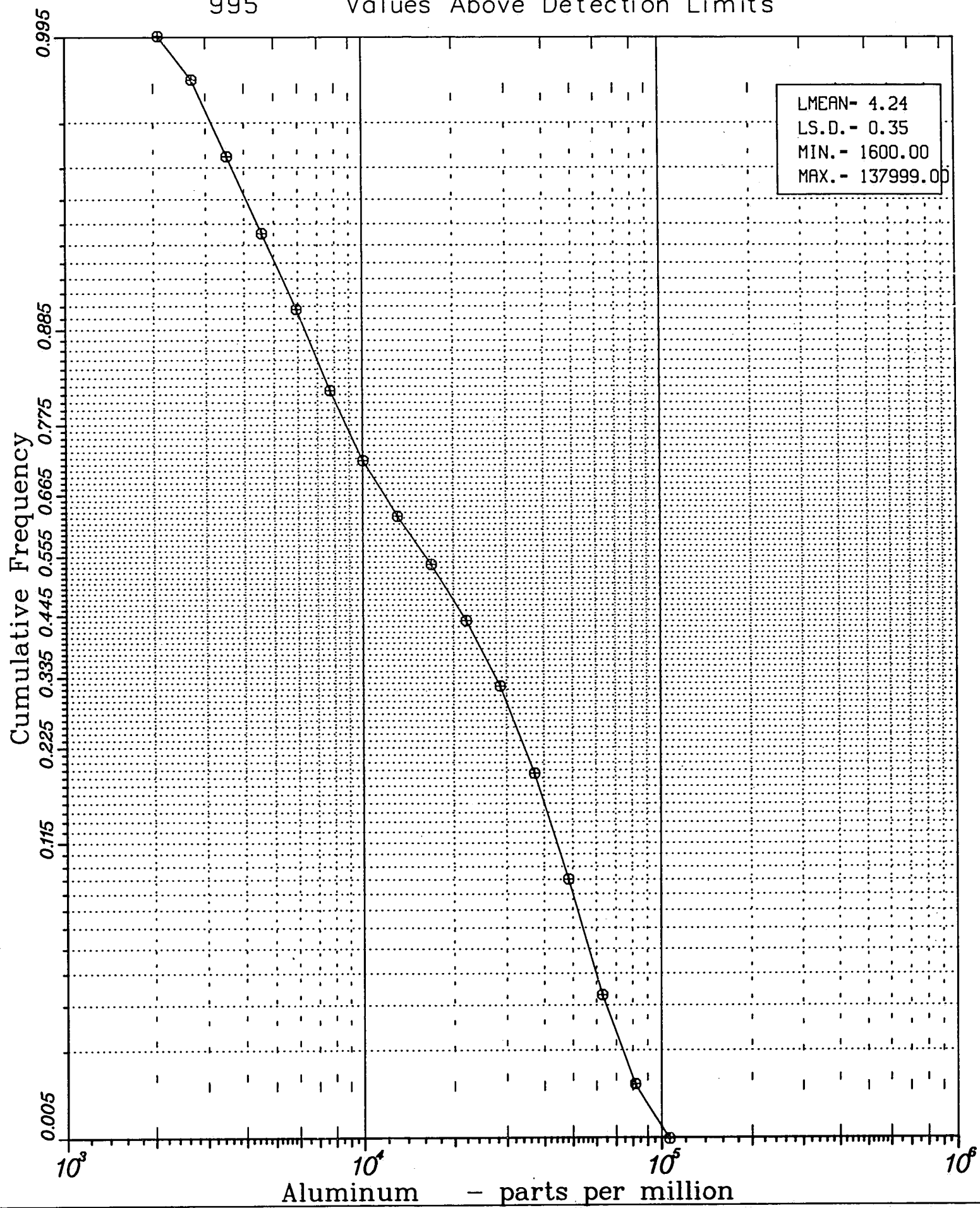


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Aluminum Values - Surface Sites

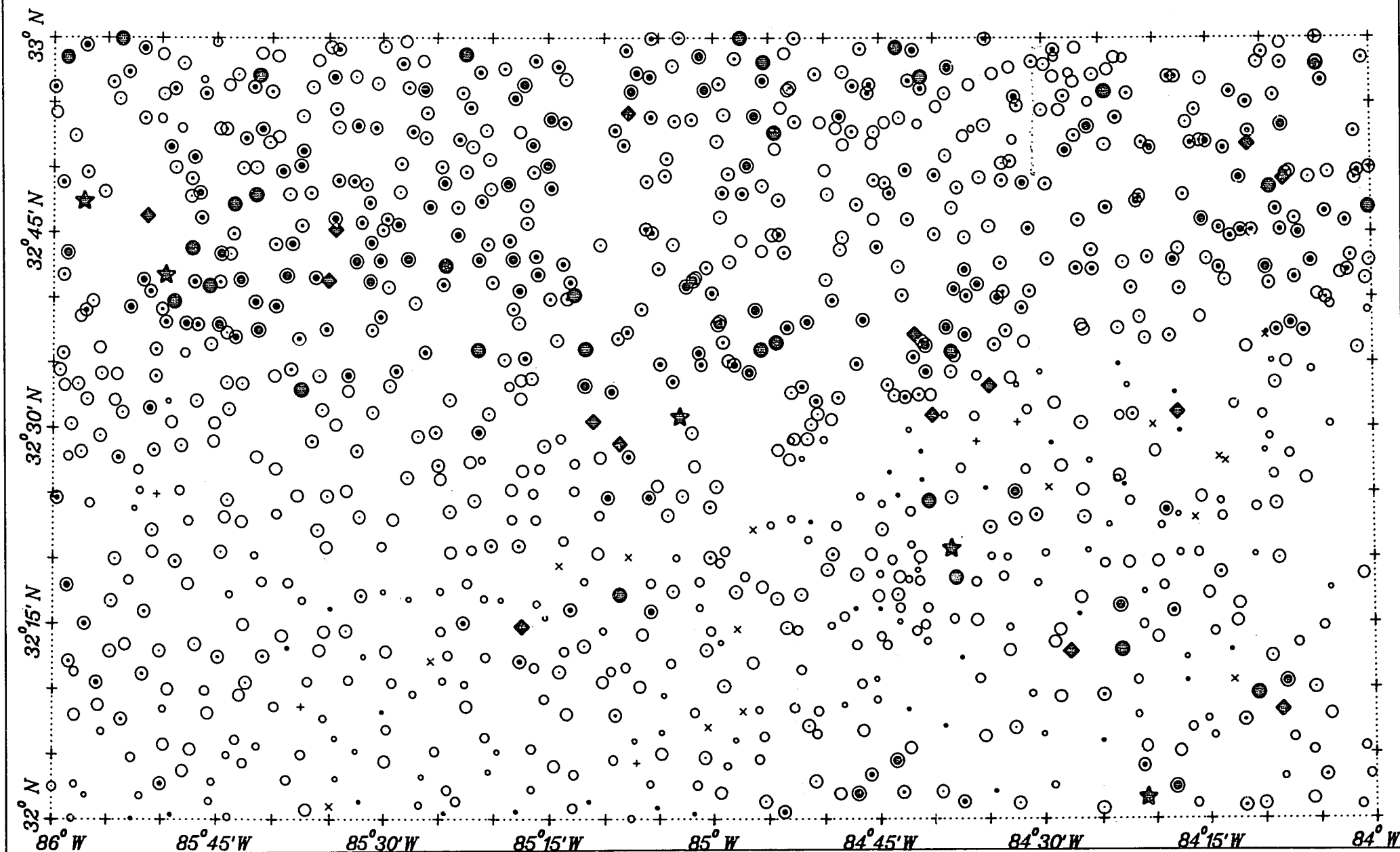
995 Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Aluminum In Sediments
995 Values Above D.L.

Aluminum concentration - p.p.m.

- | | | | | |
|------------------|-------------------|--------------------|--------------------|---------------------|
| + < 2300.0 | ◦ 4600.0- 5700.0 | ○ 10100.0- 14900.0 | ⊙ 30400.0- 39500.0 | ● 56800.0- 68500.0 |
| x 2300.0- 3400.0 | ◦ 5700.0- 7200.0 | ⊙ 14900.0- 23200.0 | ⊙ 39500.0- 47500.0 | ◆ 68500.0- 102500.0 |
| • 3400.0- 4600.0 | ◦ 7200.0- 10100.0 | ⊙ 23200.0- 30400.0 | ⊙ 47500.0- 56800.0 | ★ > 102500.0 |

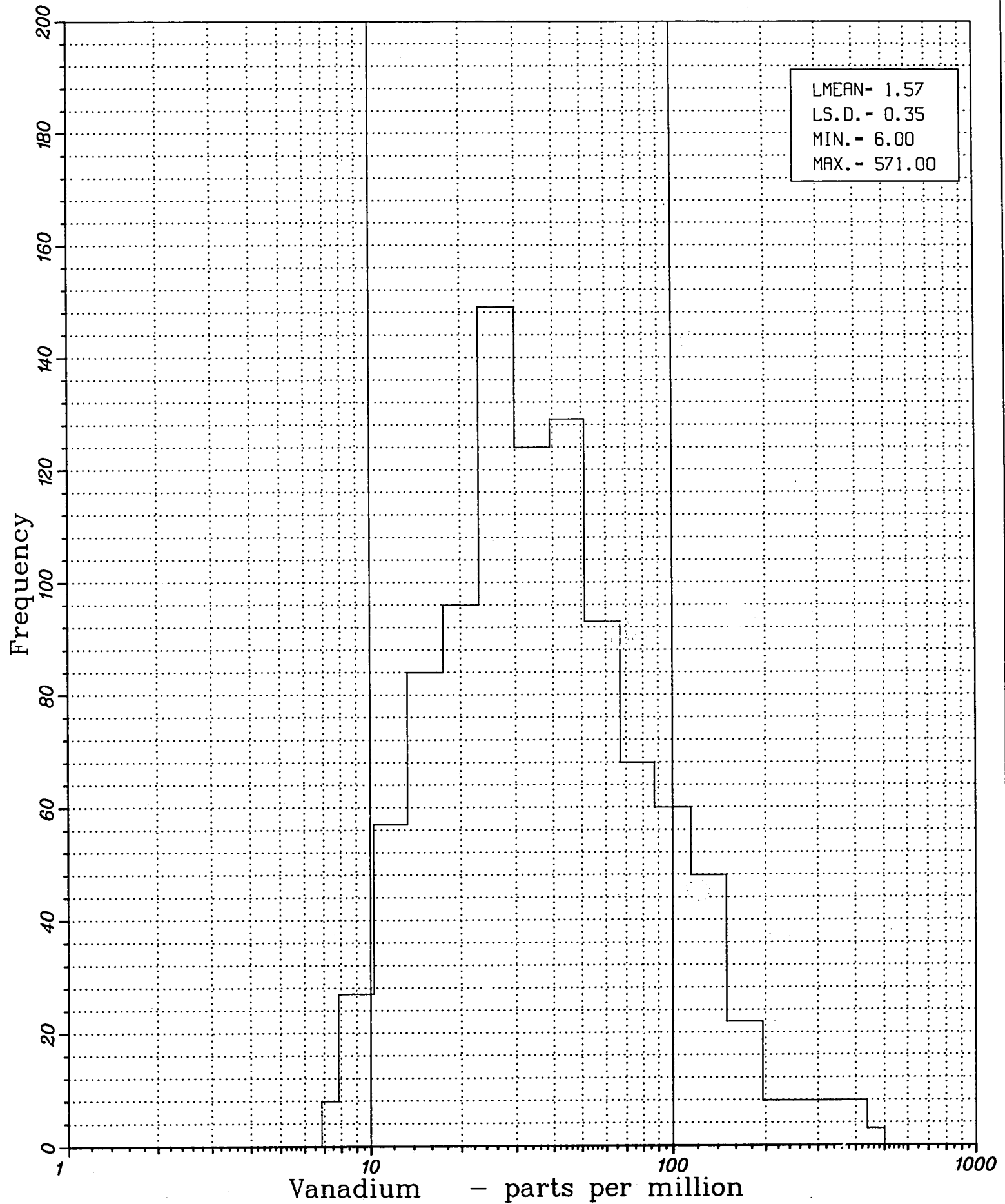


PHENIX CITY 1'x2' Sheet

Log Histogram Vanadium Values Surface Site

992

Values Above Detection Limits



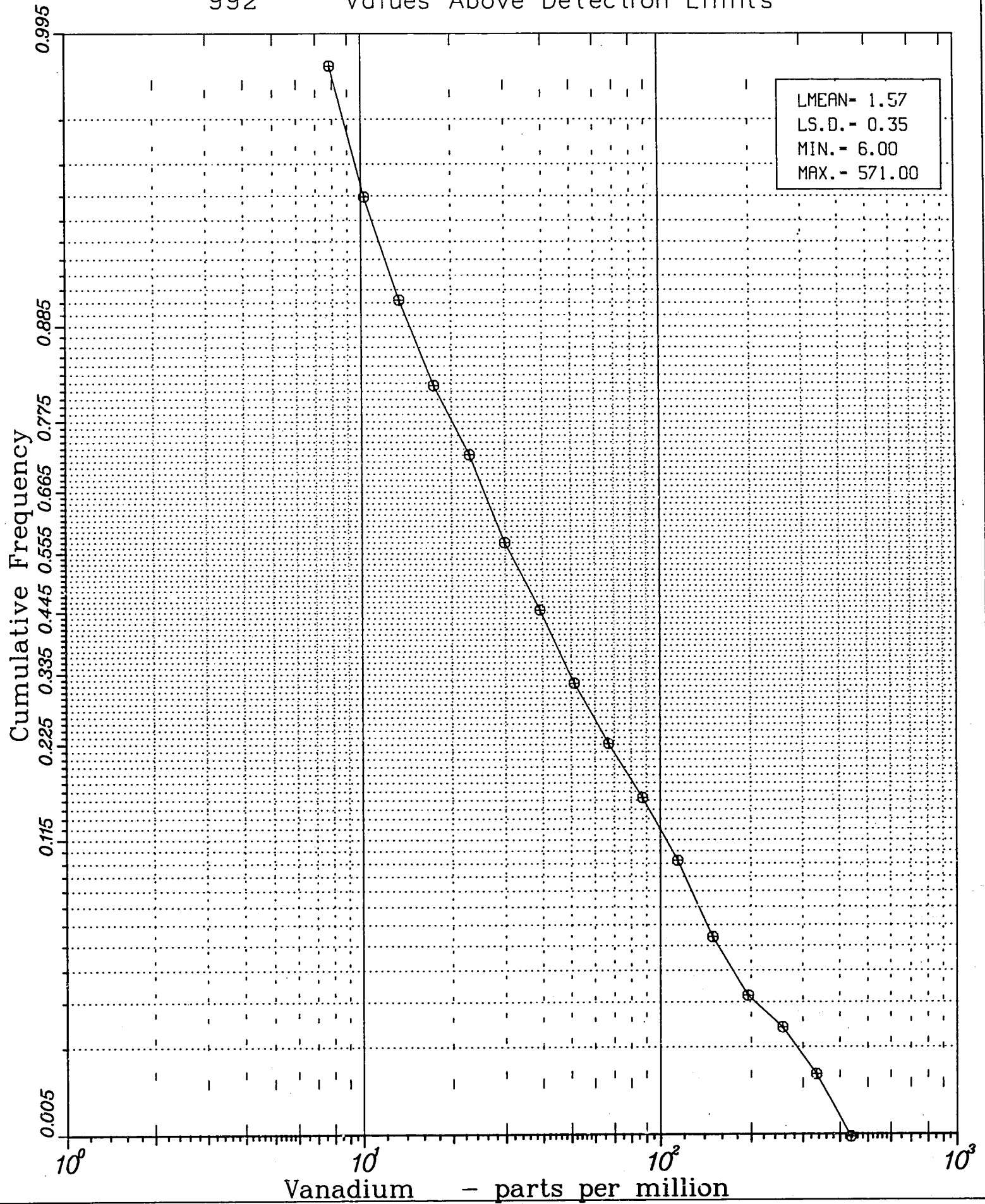
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Vanadium Values - Surface Sites

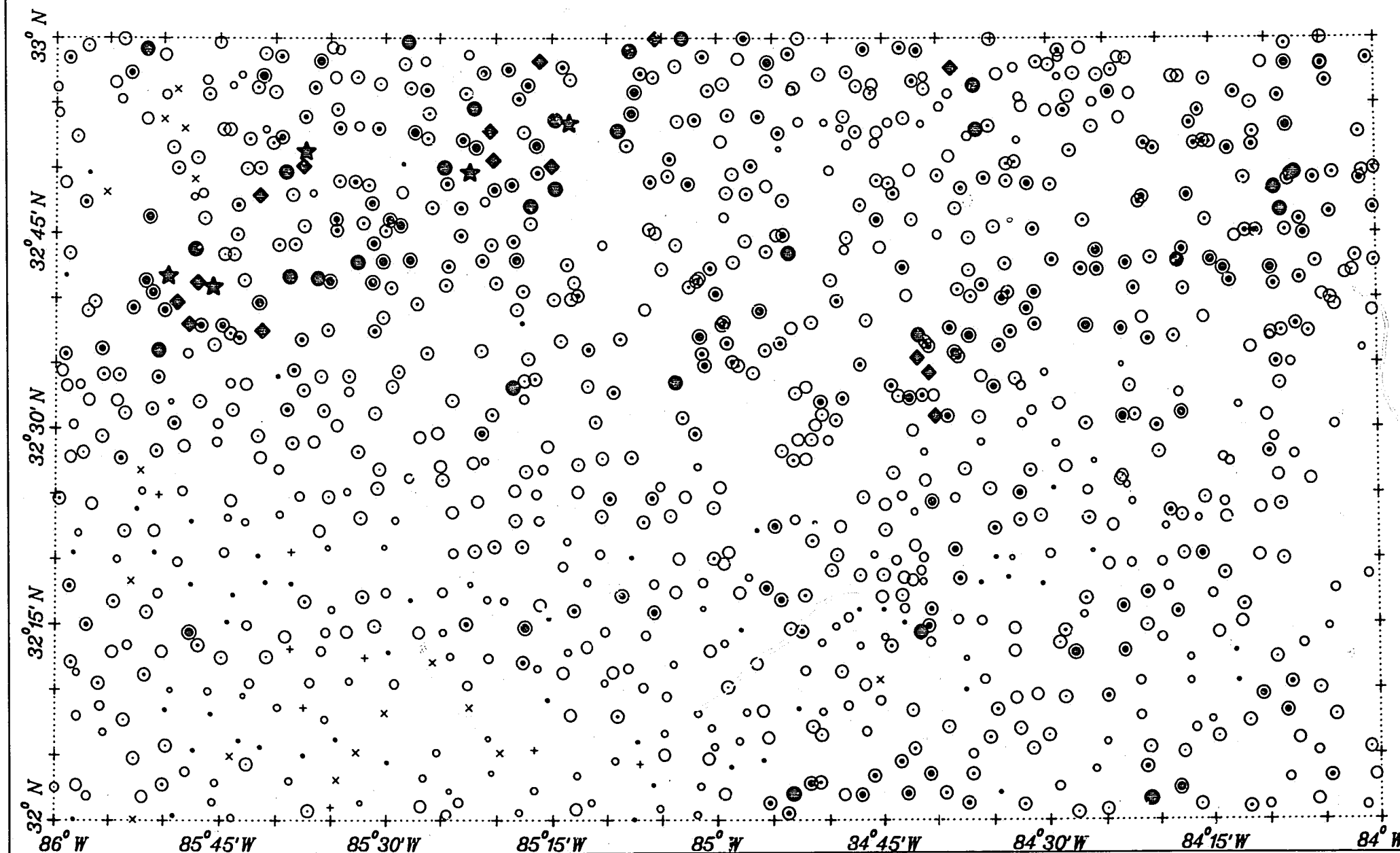
992

Values Above Detection Limits



PHENIX CITY 1x2° Sheet
Vanadium In Sediments
992 Values Above D.L.

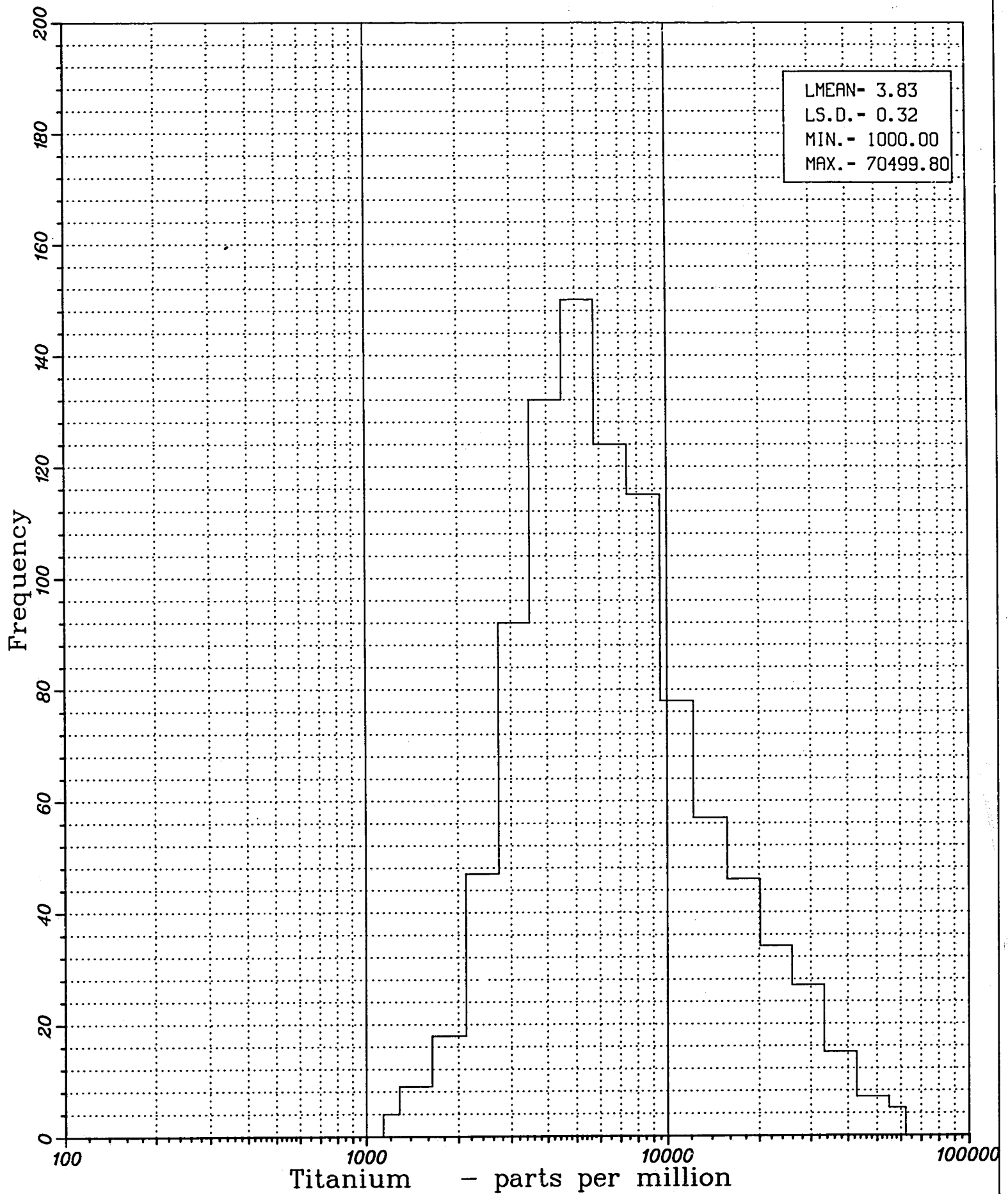
Vanadium concentration - p.p.m.				
+ < 7.0	o 12.0- 13.0	○ 23.0- 29.0	⊙ 56.0- 87.0	● 149.0- 212.0
x 7.0- 9.0	o 13.0- 17.0	⊙ 29.0- 41.0	⊙ 87.0- 119.0	◆ 212.0- 386.0
• 9.0- 12.0	○ 17.0- 23.0	⊙ 41.0- 56.0	⊙ 119.0- 149.0	★ > 386.0



PHENIX CITY 1'x2' Sheet

Log Histogram Titanium Values Surface Site

960 Values Above Detection Limits



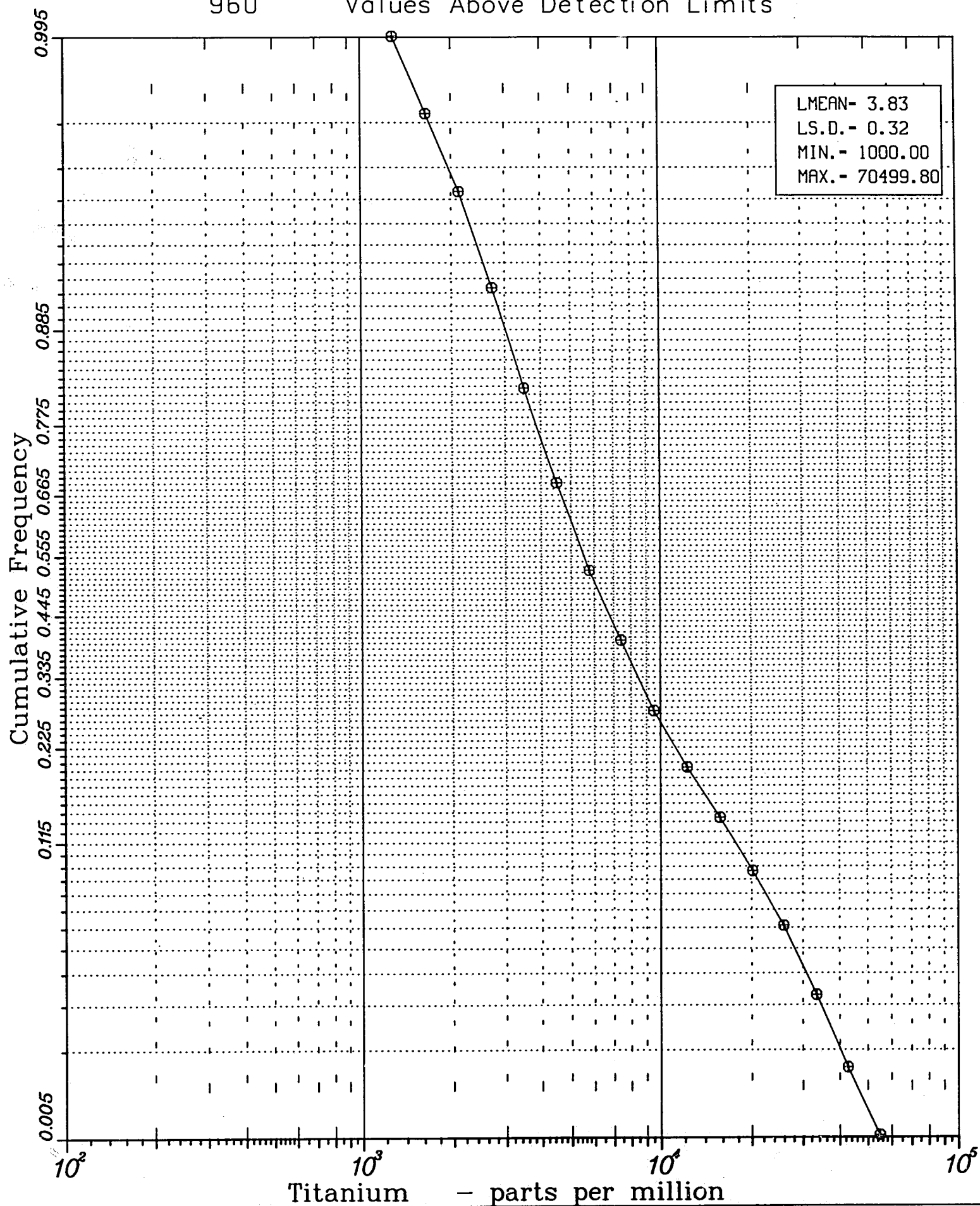
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Titanium Values - Surface Sites

960

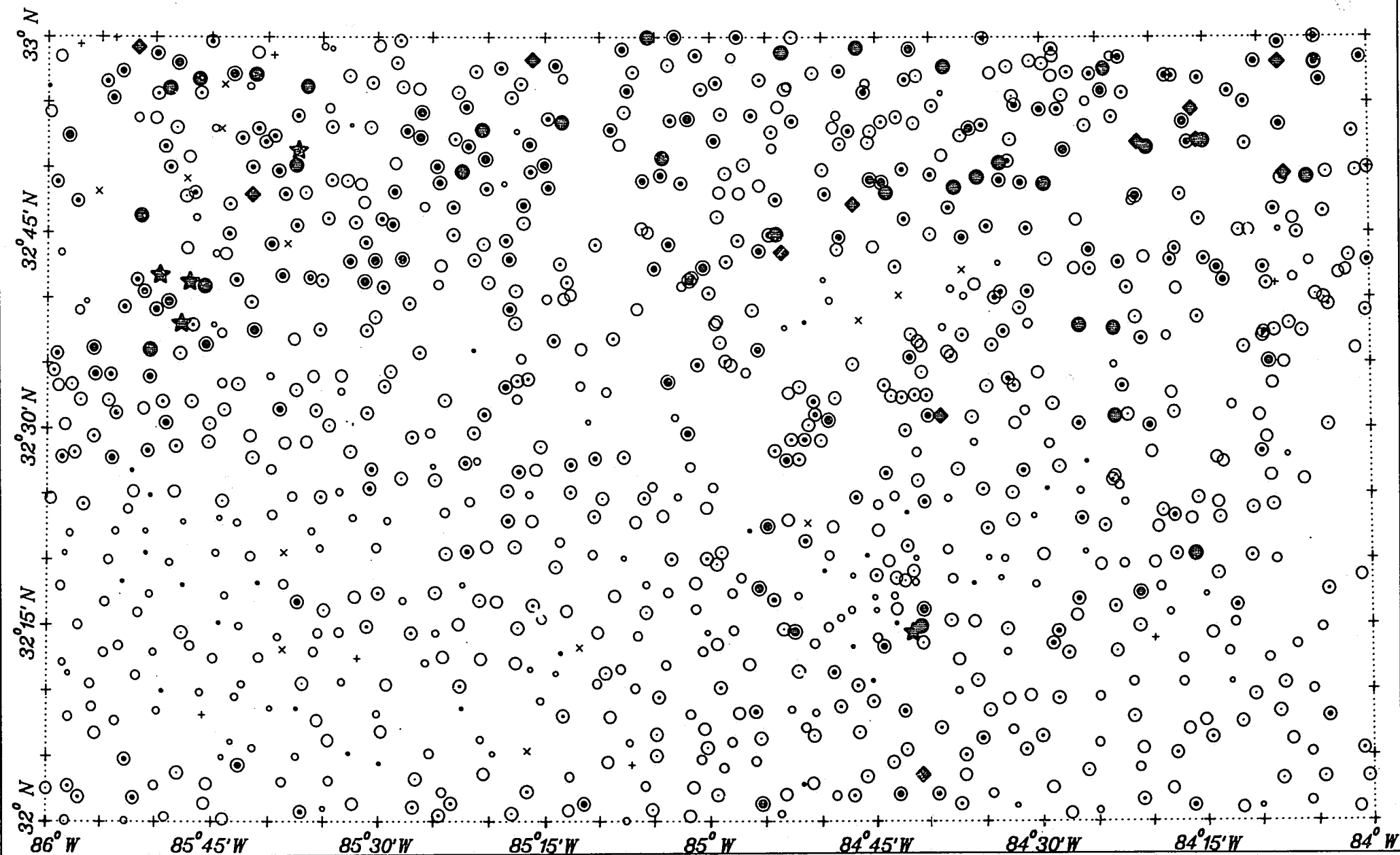
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Titanium In Sediments
960 Values Above D.L.

Titanium concentration - p.p.m.

- | | | | | |
|------------------|------------------|------------------|--------------------|--------------------|
| + < 1300.0 | ○ 2400.0- 2800.0 | ○ 4200.0- 5400.0 | ⊙ 9500.0- 14200.0 | ● 28200.0- 37600.0 |
| x 1300.0- 1900.0 | ○ 2800.0- 3300.0 | ⊙ 5400.0- 6900.0 | ⊙ 14200.0- 20300.0 | ◆ 37600.0- 54500.0 |
| • 1900.0- 2400.0 | ○ 3300.0- 4200.0 | ⊙ 6900.0- 9500.0 | ⊙ 20300.0- 28200.0 | ★ > 54500.0 |

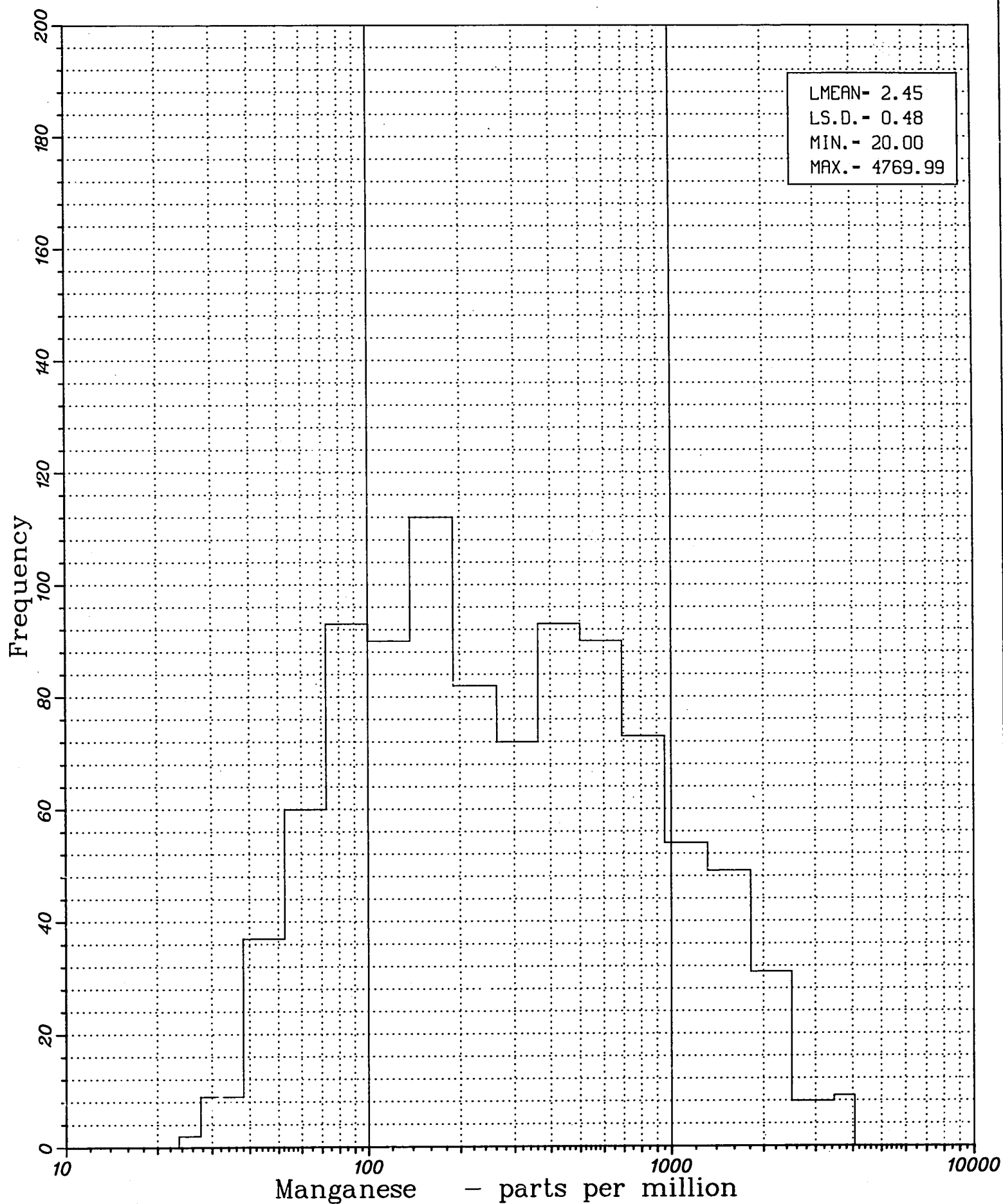


PHENIX CITY 1'x2' Sheet

Log Histogram Manganese Values Surface Site

964

Values Above Detection Limits



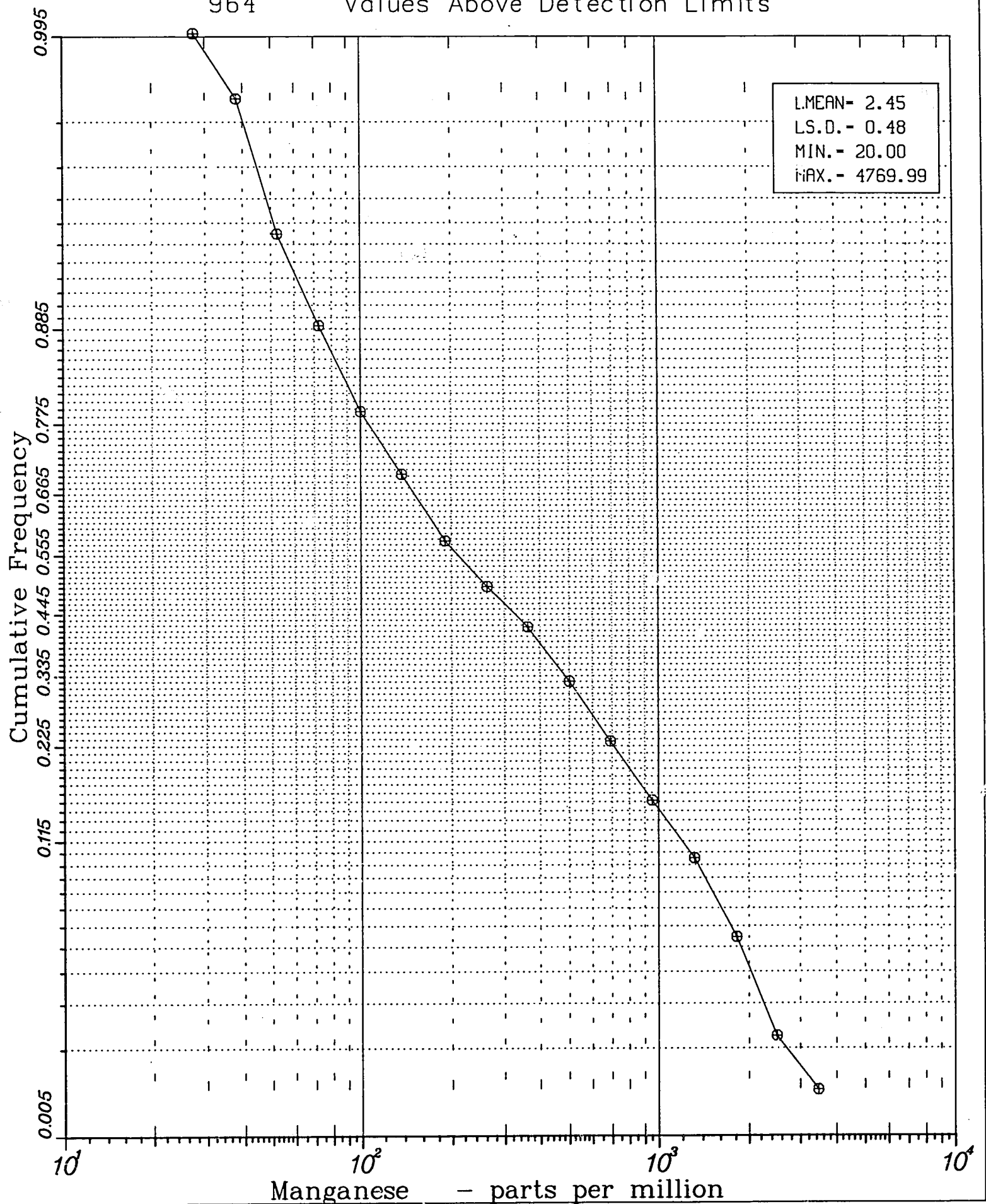
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Manganese Values - Surface Sites

964

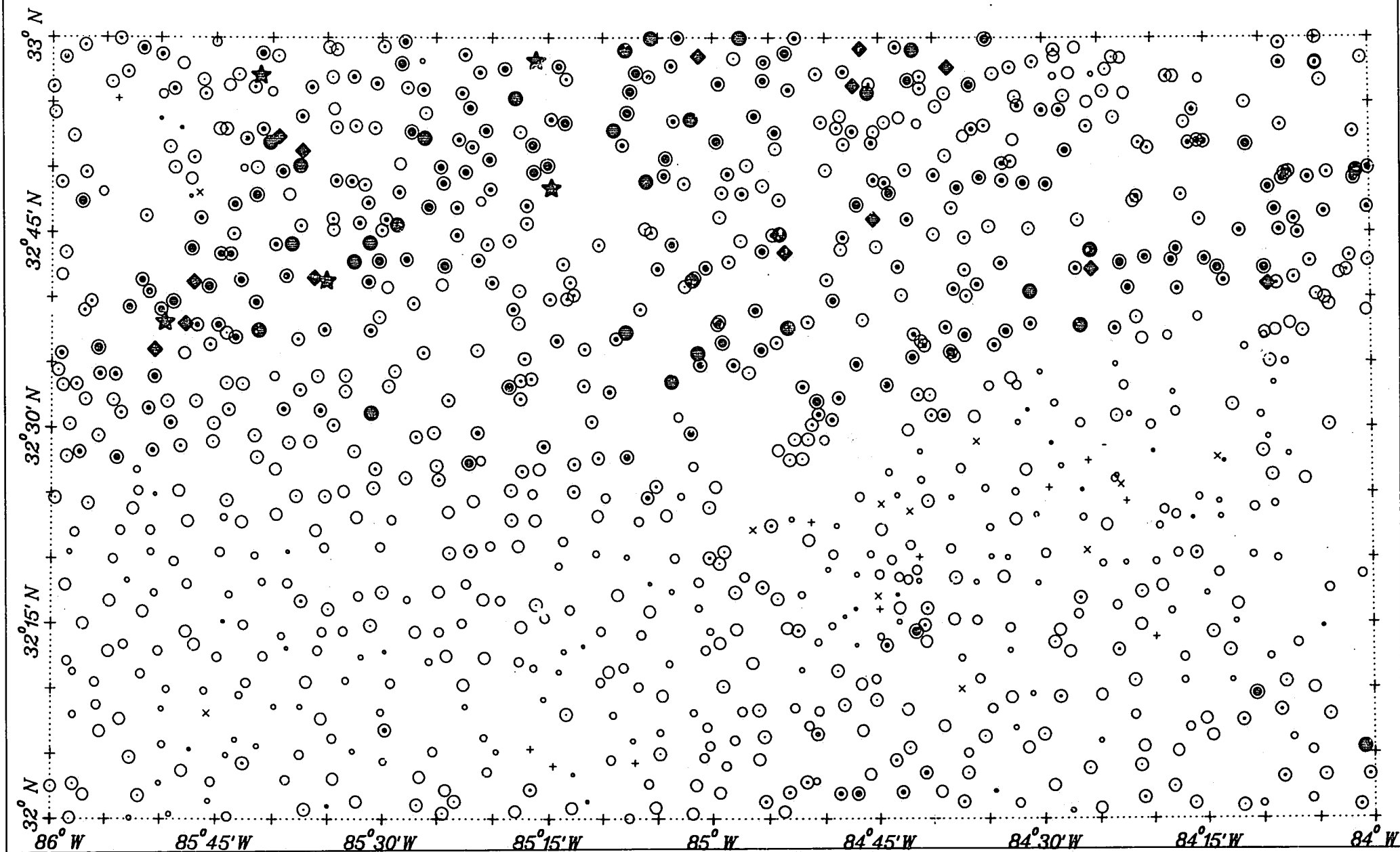
Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Manganese In Sediments
964 Values Above D.L.

Manganese concentration - p.p.m.

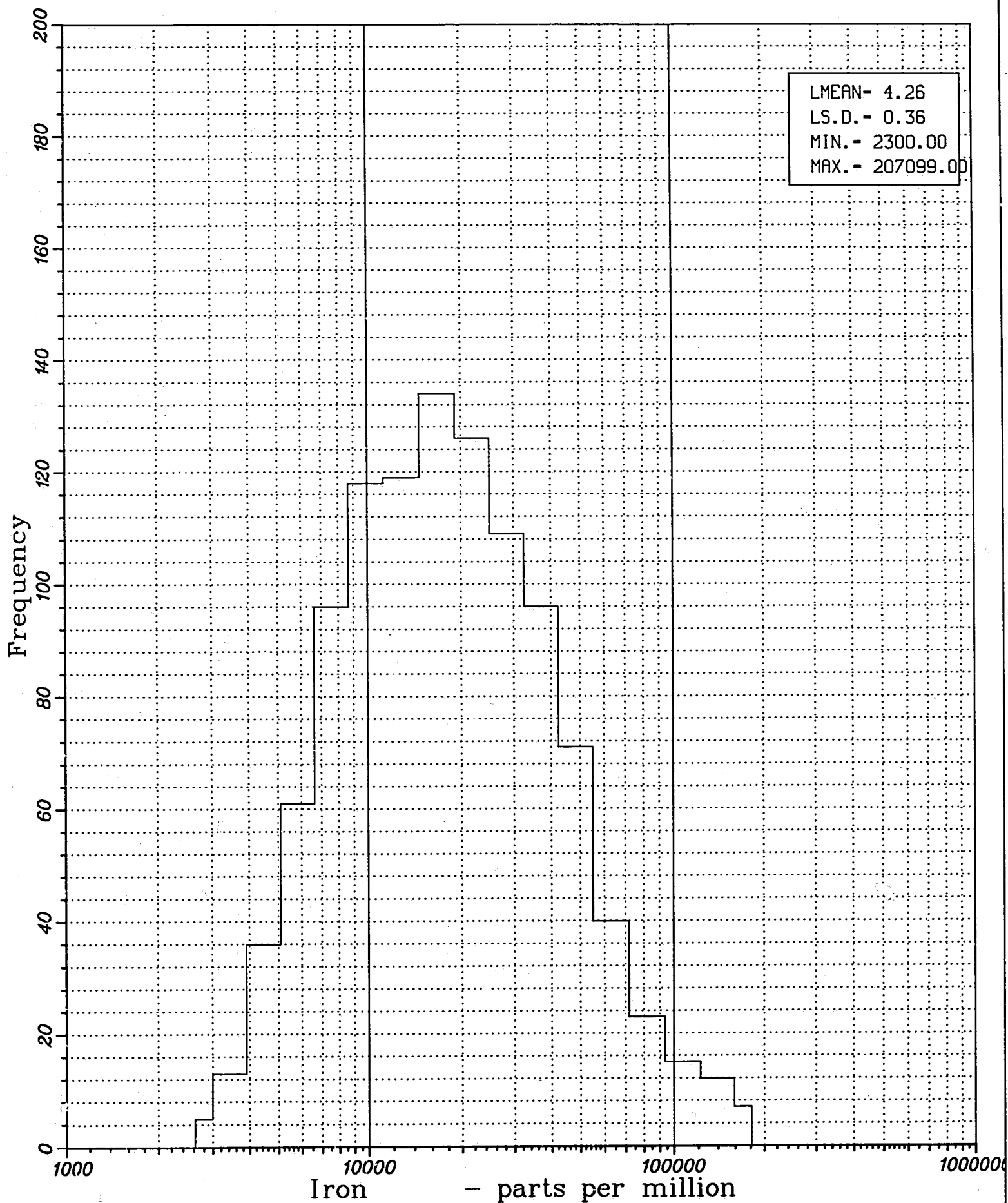
+ < 30.0	o 50.0- 70.0	○ 130.0- 200.0	⊙ 570.0- 940.0	● 1760.0- 2320.0
x 30.0- 40.0	o 70.0- 90.0	⊙ 200.0- 370.0	⊙ 940.0- 1360.0	◆ 2320.0- 3700.0
• 40.0- 50.0	○ 90.0- 130.0	⊙ 370.0- 570.0	⊙ 1360.0- 1760.0	★ > 3700.0



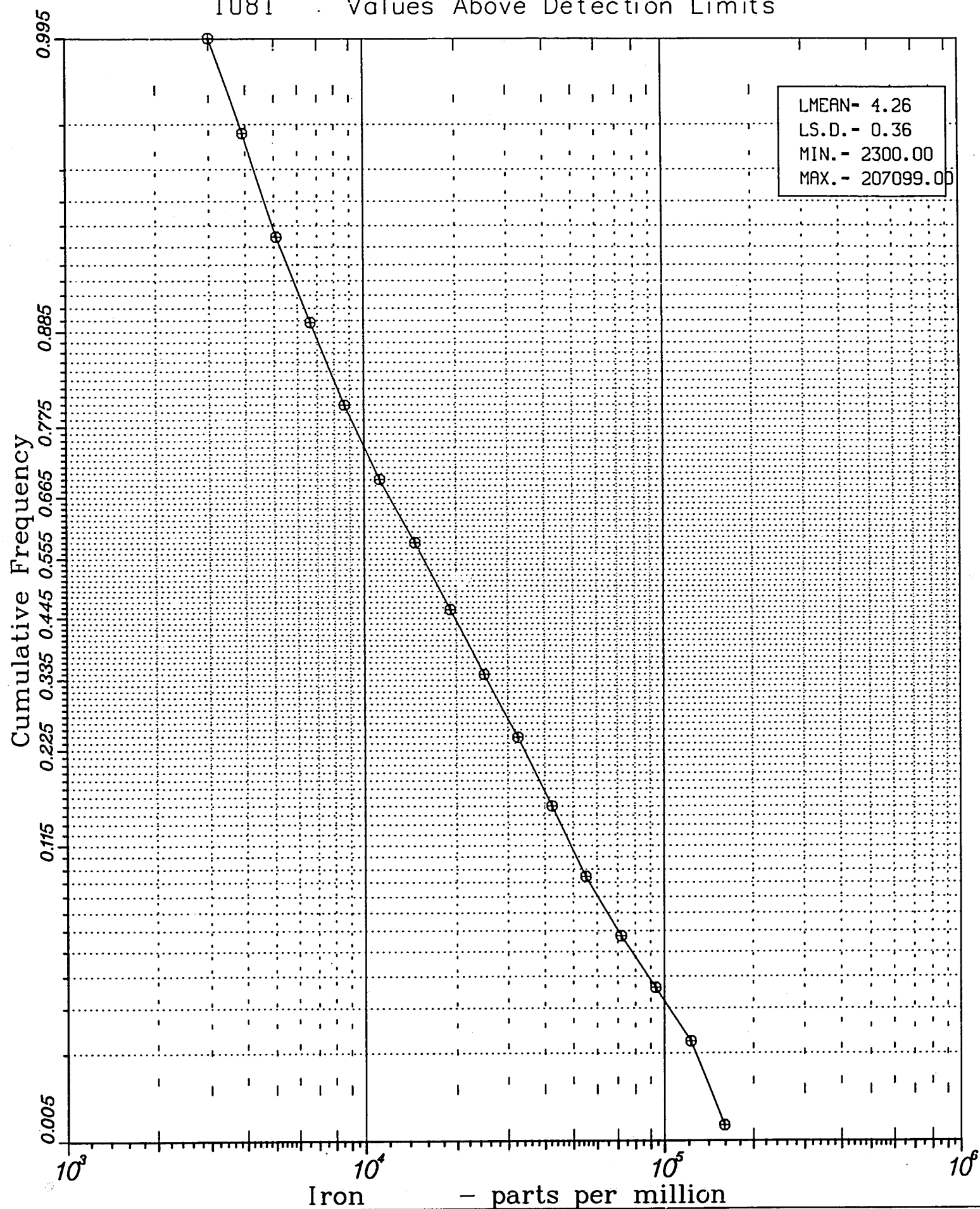
PHENIX CITY 1'x2' Sheet

Log Histogram Iron Values Surface Site

1081 Values Above Detection Limits



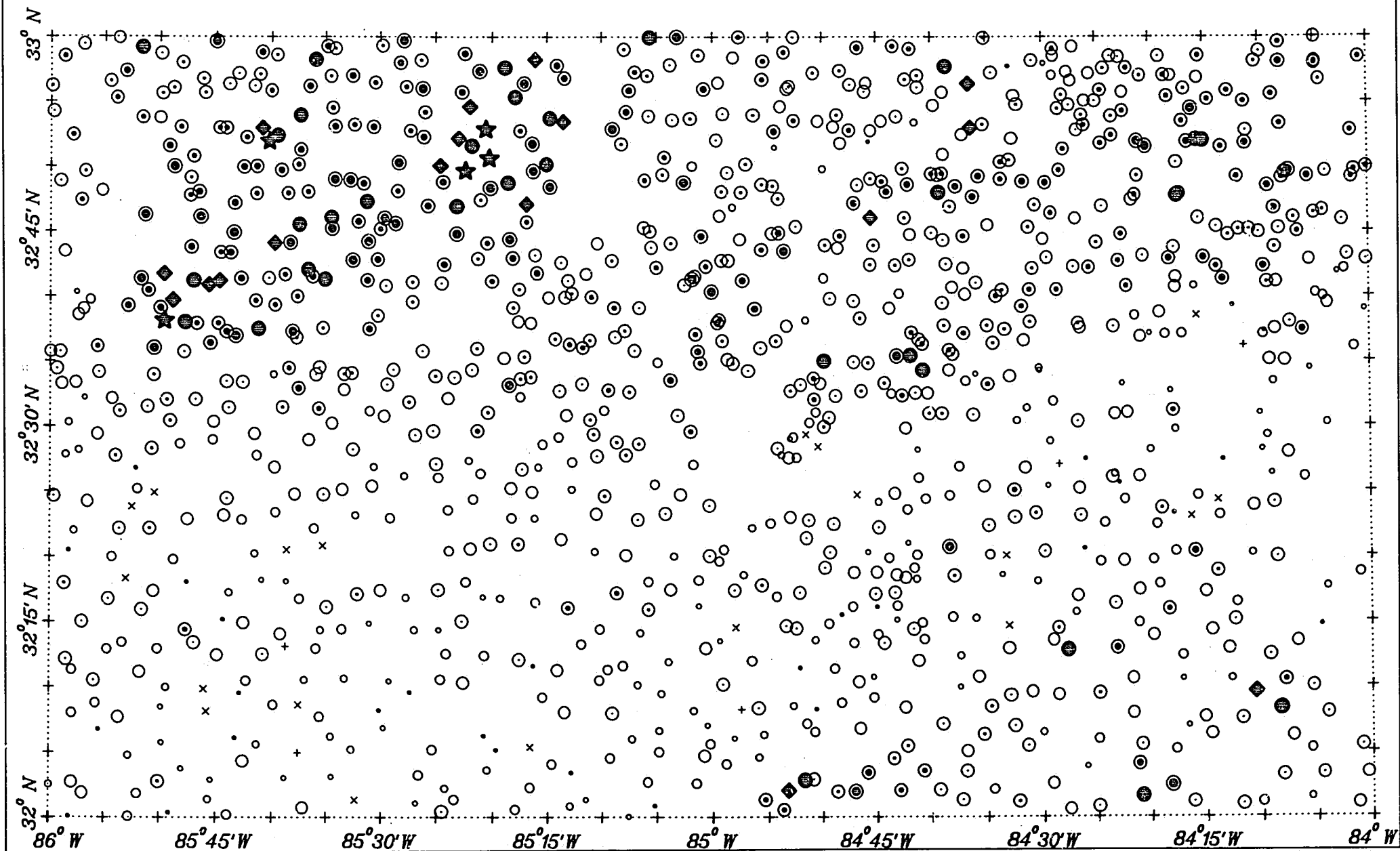
PHENIX CITY 1'x2' Sheet
Log Cumulative Frequency Plot
Iron Values - Surface Sites
1081 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Iron In Sediments
 1081 Values Above D.L.

Iron concentration - p.p.m.

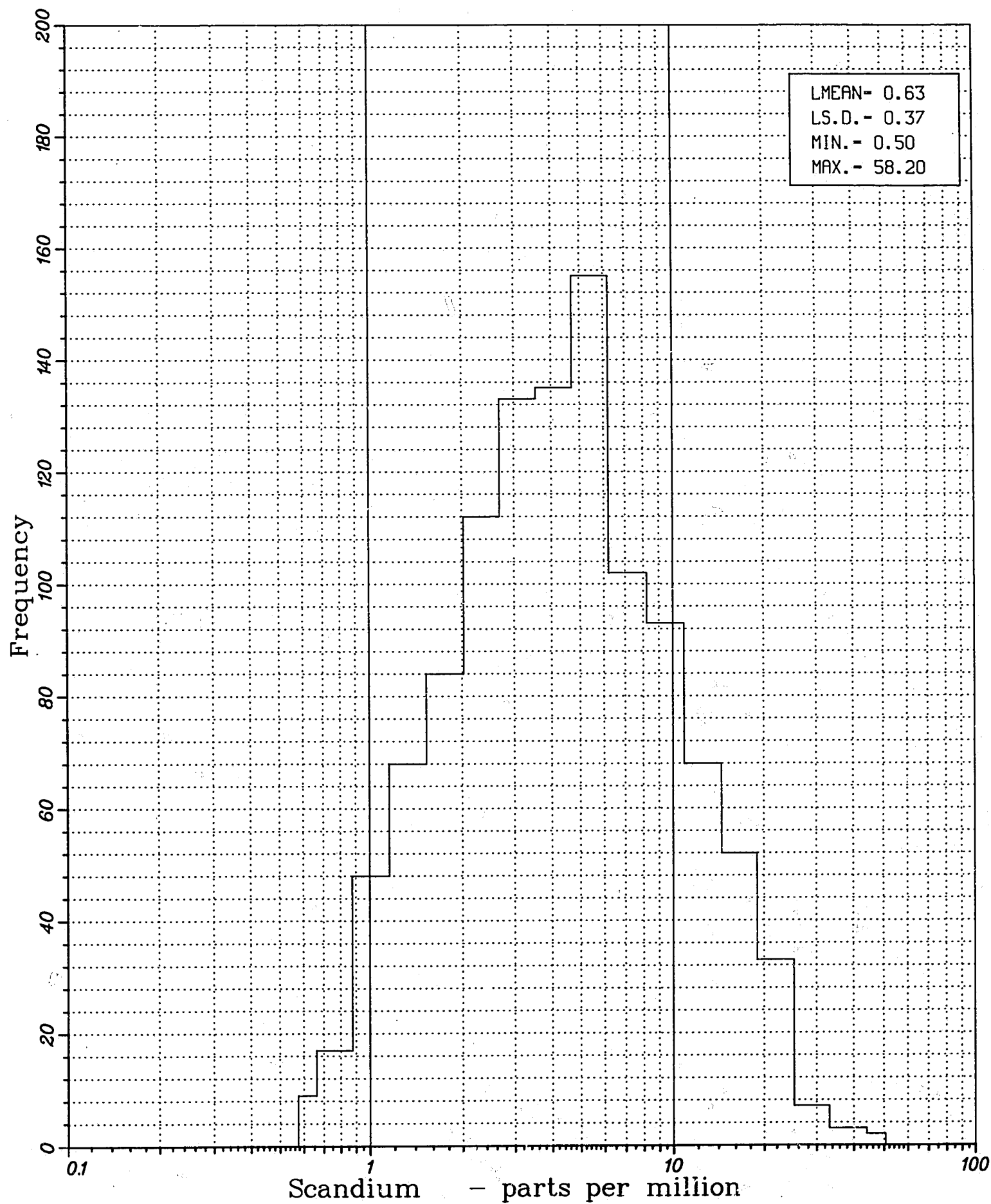
+ < 2900.0	◦ 5000.0- 6100.0	○ 10600.0- 14800.0	⊙ 29500.0- 41200.0	⊕ 76100.0- 116500.0
x 2900.0- 4000.0	◦ 6100.0- 7600.0	○ 14800.0- 21400.0	⊙ 41200.0- 55000.0	◆ 116500.0- 172500.0
• 4000.0- 5000.0	◦ 7600.0- 10600.0	⊙ 21400.0- 29500.0	⊕ 55000.0- 76100.0	★ > 172500.0



PHENIX CITY 1'x2' Sheet

Log Histogram Scandium Values Surface Site

1121 Values Above Detection Limits

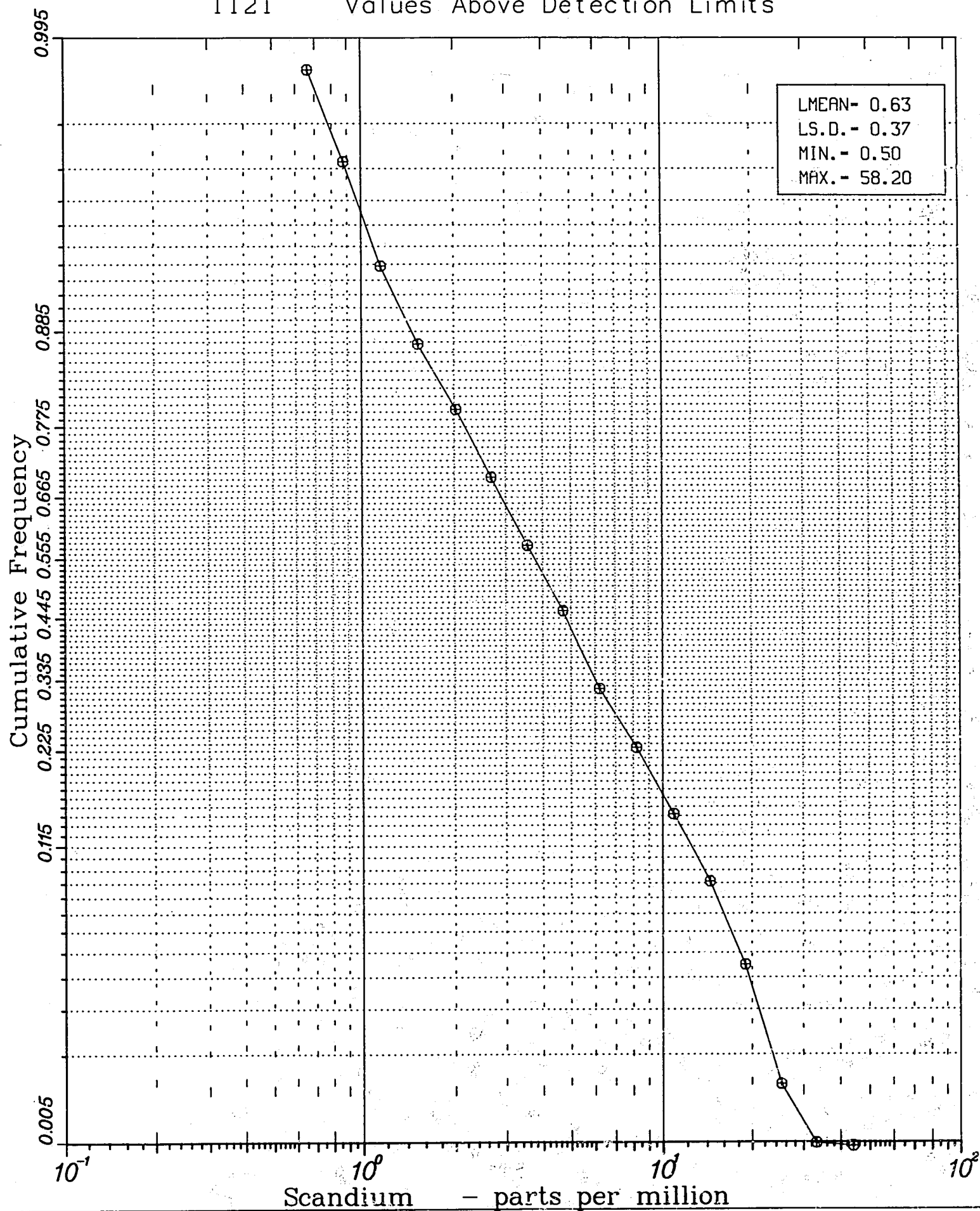


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Scandium Values - Surface Sites

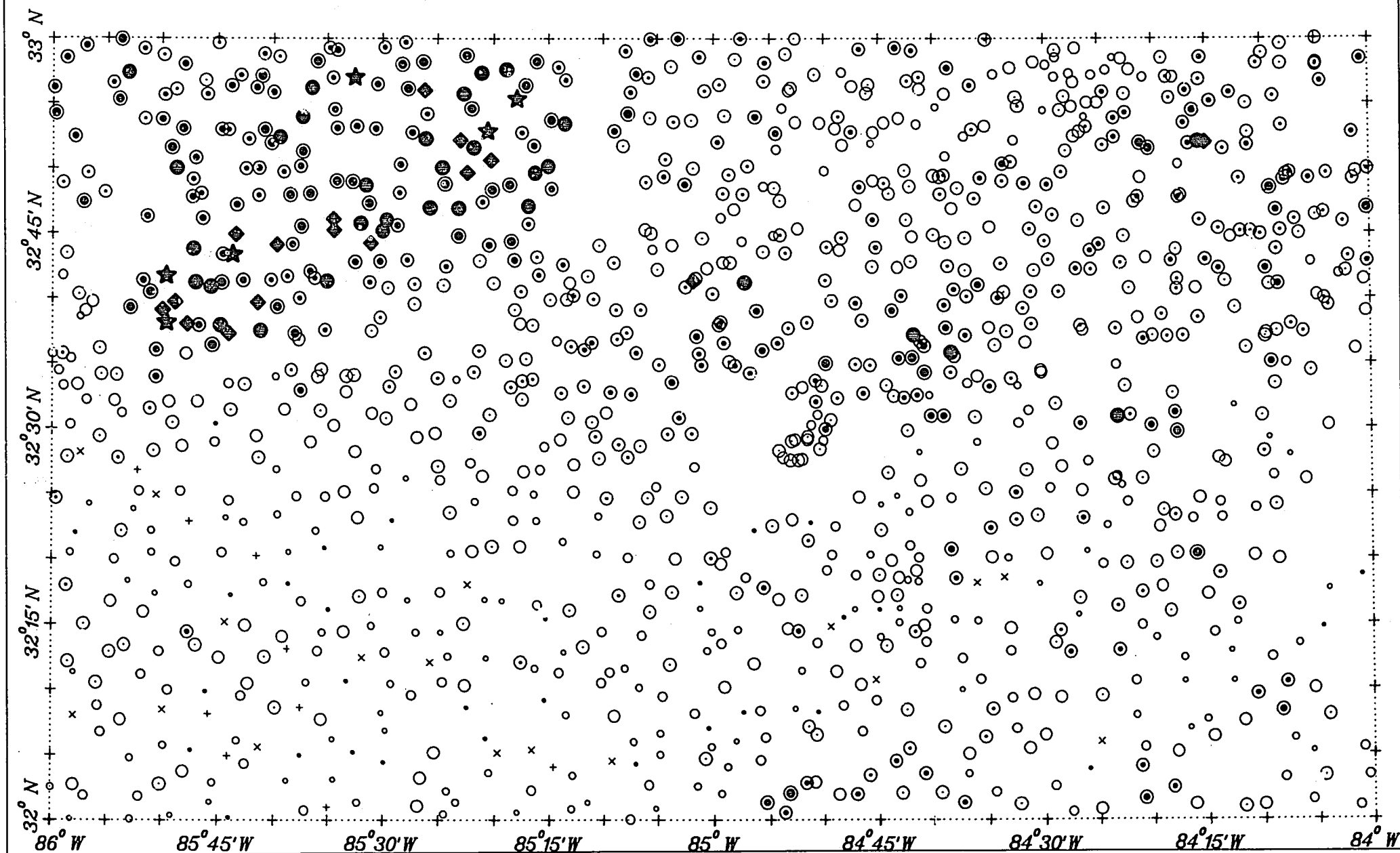
1121 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
Scandium In Sediments
1121 Values Above D.L.

Scandium concentration - p.p.m.

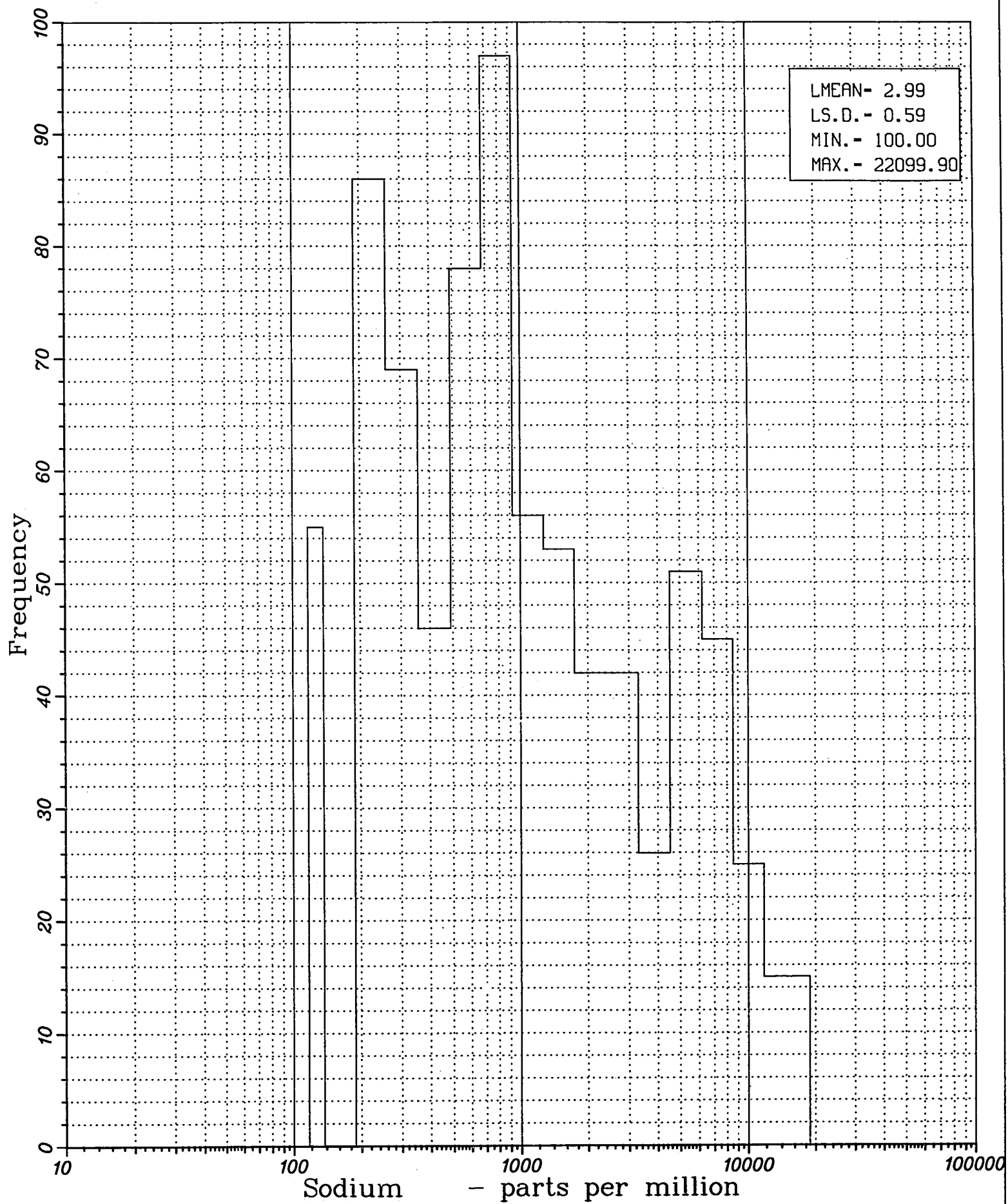
+ < 0.6	o 1.0- 1.3	○ 2.5- 3.5	⊙ 7.1- 10.3	● 18.4- 23.0
x 0.6- 0.8	o 1.3- 1.8	⊙ 3.5- 5.1	⊙ 10.3- 14.1	◆ 23.0- 27.5
• 0.8- 1.0	○ 1.8- 2.5	⊙ 5.1- 7.1	⊙ 14.1- 18.4	★ > 27.5



PHENIX CITY 1'x2' Sheet

Log Histogram Sodium Values Surface Site

801 Values Above Detection Limits



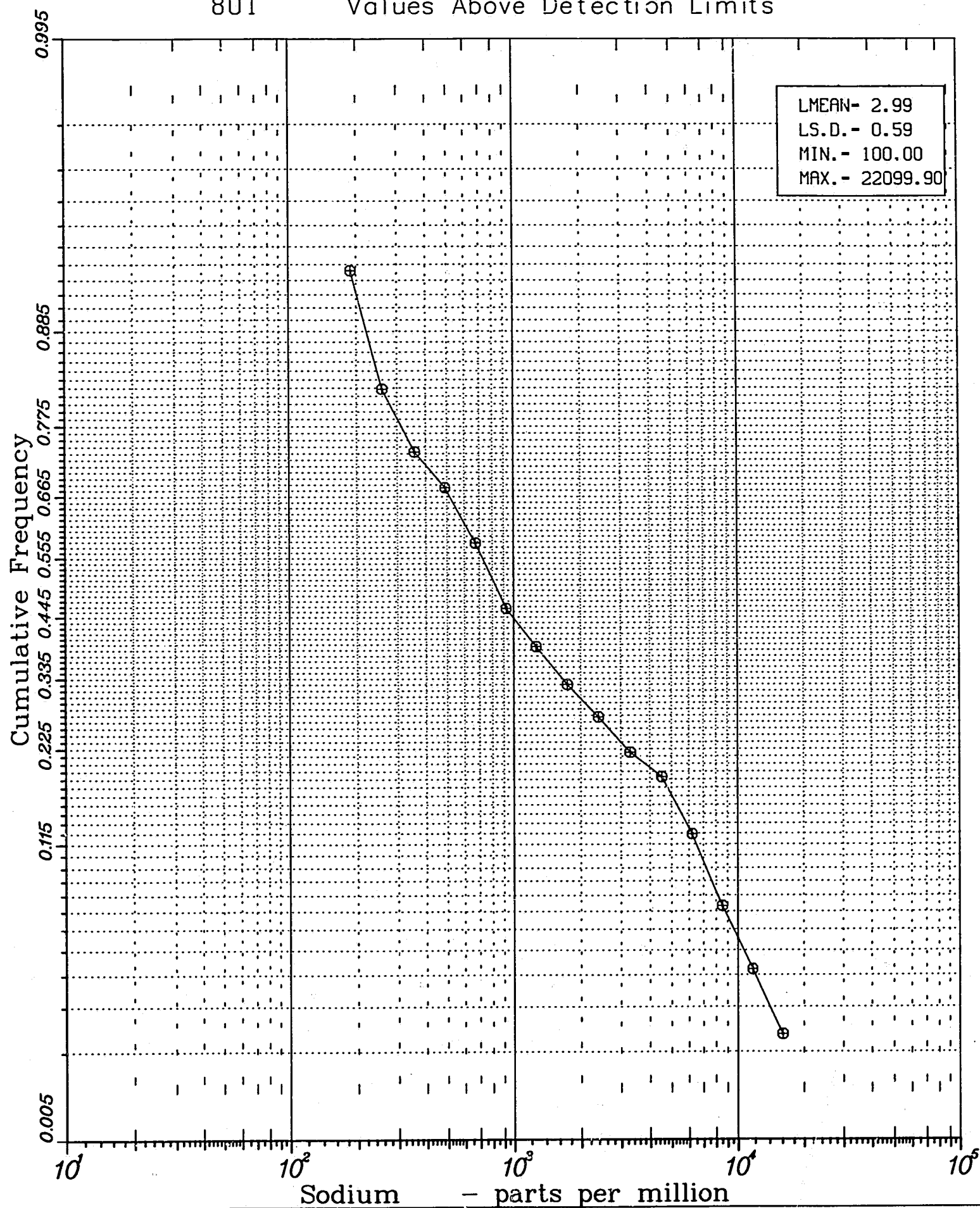
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Sodium Values - Surface Sites

801

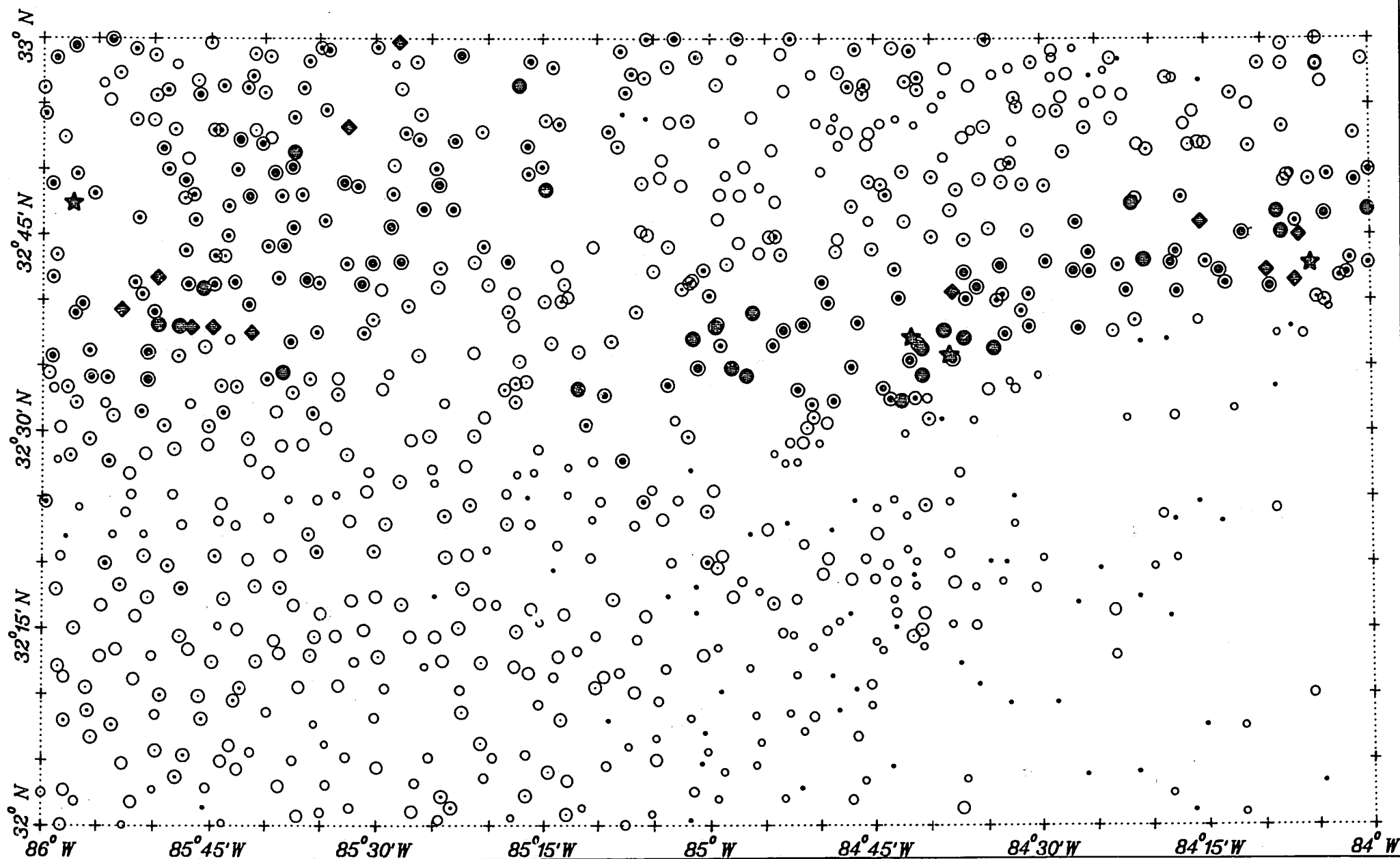
Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Sodium In Sediments
801 Values Above D.L.

Sodium concentration - p.p.m.

+ < 100.0	o 100.0- 200.0	o 400.0- 700.0	o 2200.0- 5200.0	o 9900.0- 15600.0
x 100.0- 100.0	o 200.0- 200.0	o 700.0- 1100.0	o 5200.0- 7400.0	o 15600.0- 18100.0
• 100.0- 100.0	o 200.0- 400.0	o 1100.0- 2200.0	o 7400.0- 9900.0	★ > 18100.0

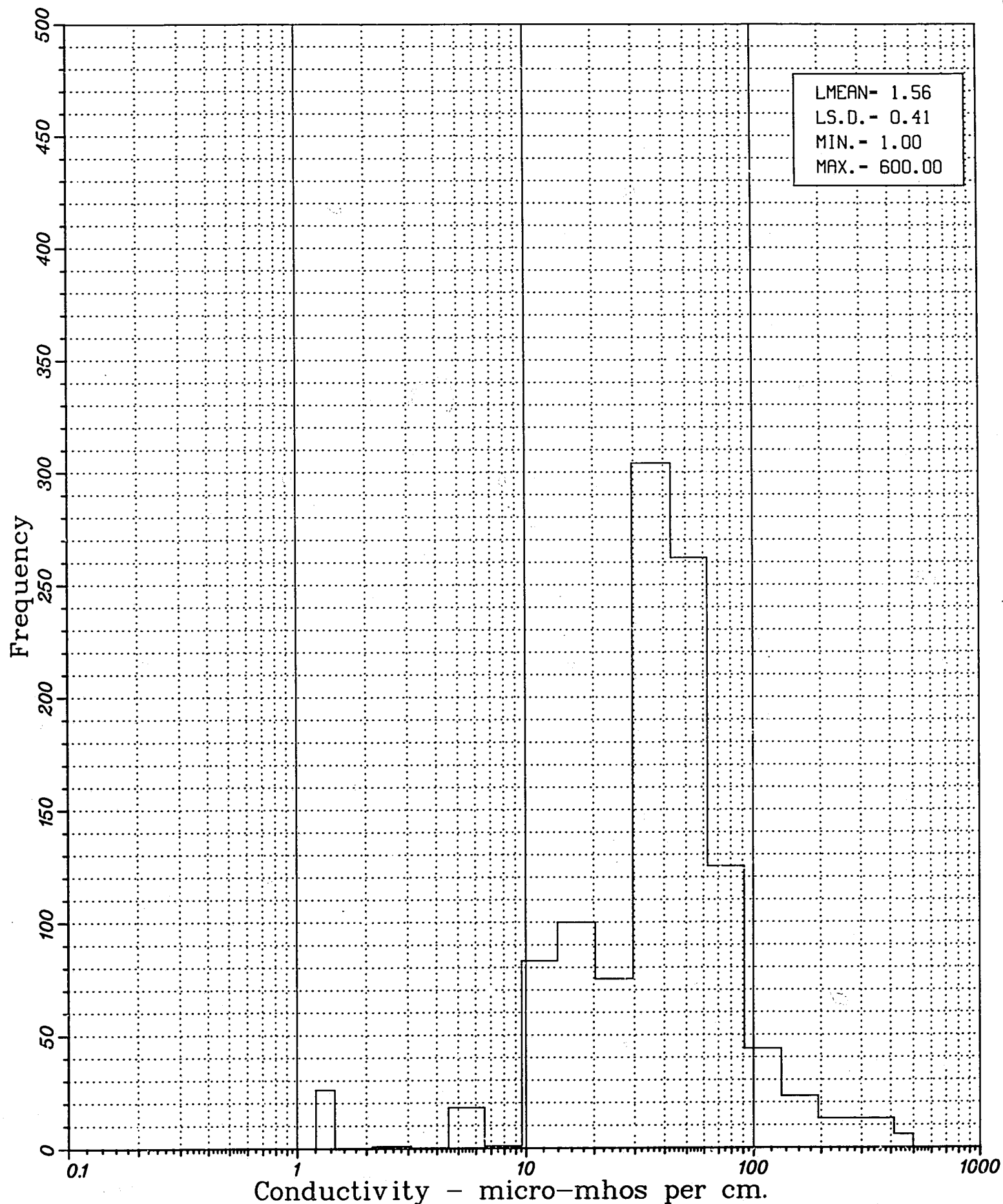


PHENIX CITY 1'x2' Sheet

Log Histogram Conductivity Values Surface Site

1094

Values Above Detection Limits



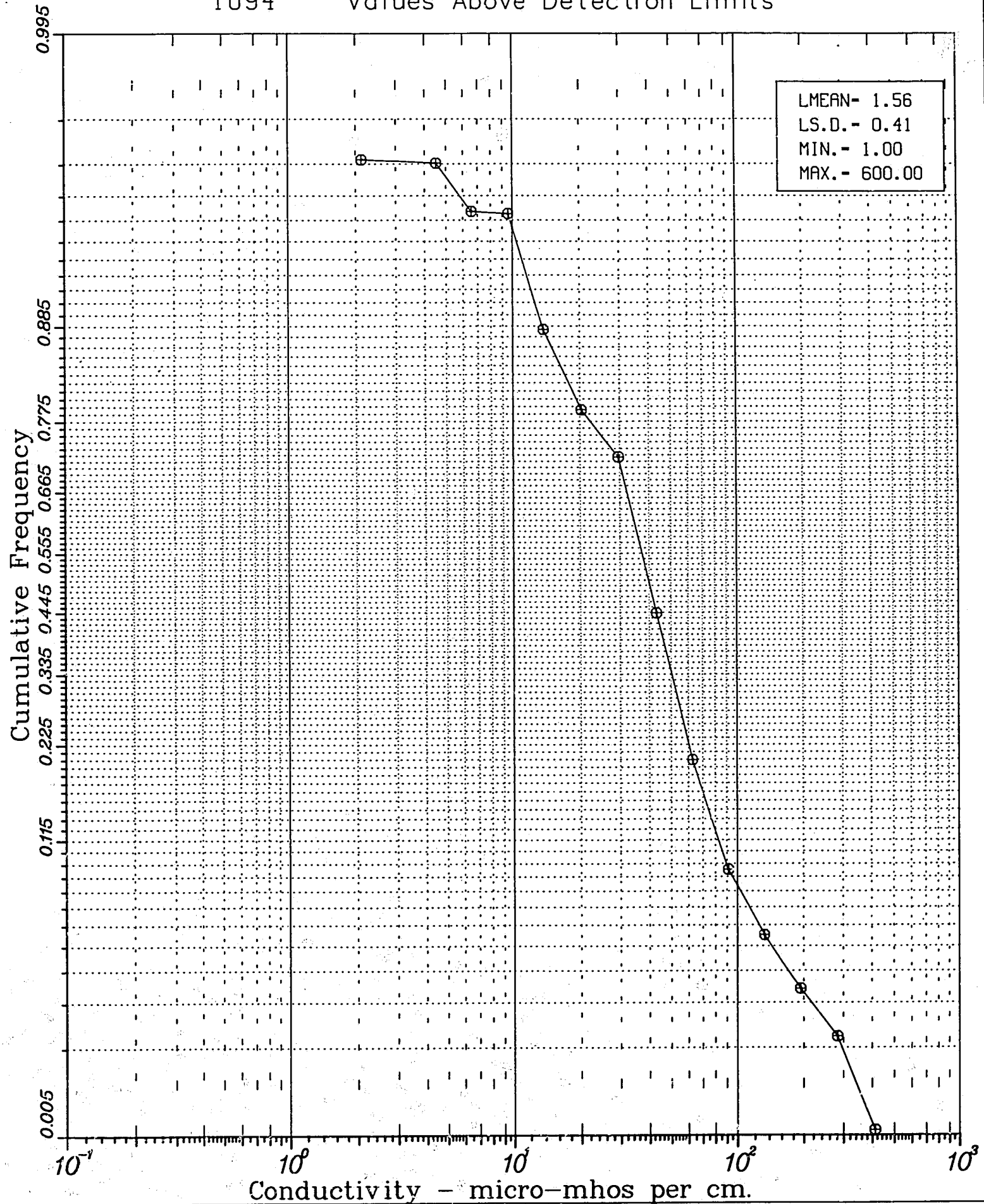
PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

Conductivity Values - Surface Sites

1094

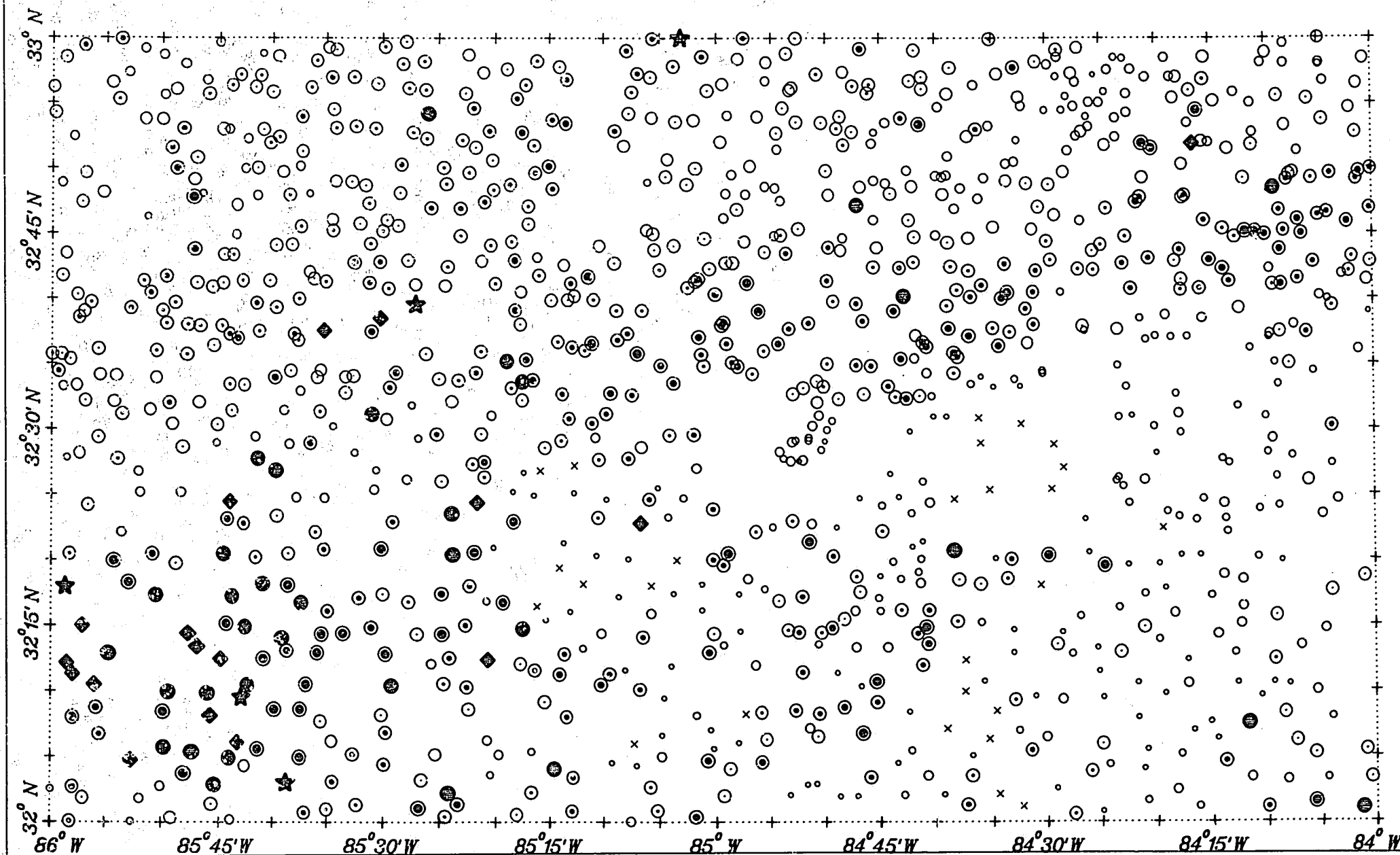
Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Conductivity In Surface Water
1094 Values Above D.L.

Conductivity - micro-mhos per cm.

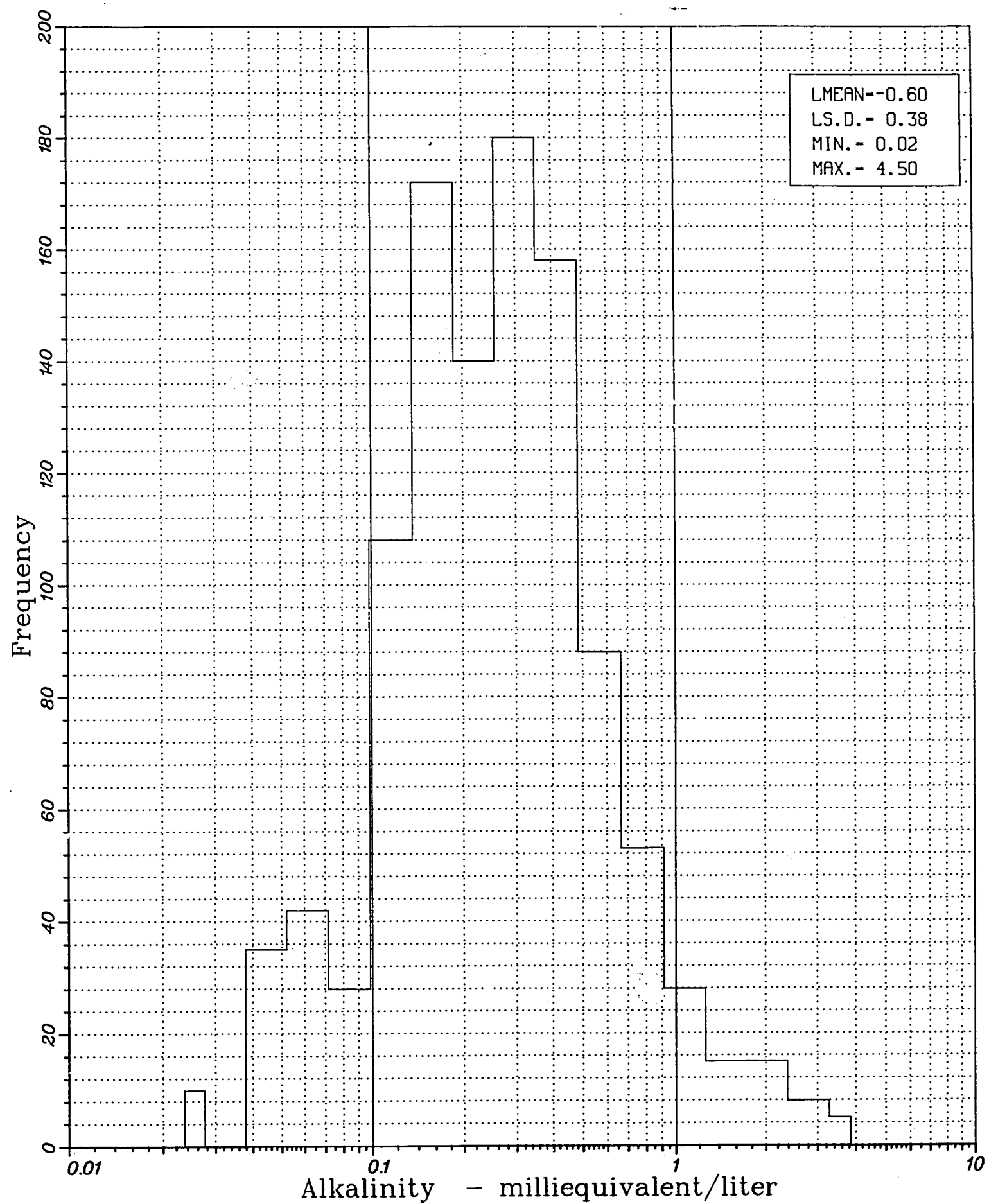
+ < 1.0	o 10.0- 10.0	○ 30.0- 38.0	⊙ 57.0- 70.0	⊕ 130.0- 255.0
x 1.0- 1.0	o 10.0- 20.0	⊙ 38.0- 45.0	⊙ 70.0- 93.0	⬢ 255.0- 420.0
• 1.0- 10.0	○ 20.0- 30.0	⊙ 45.0- 57.0	⊙ 93.0- 130.0	★ > 420.0



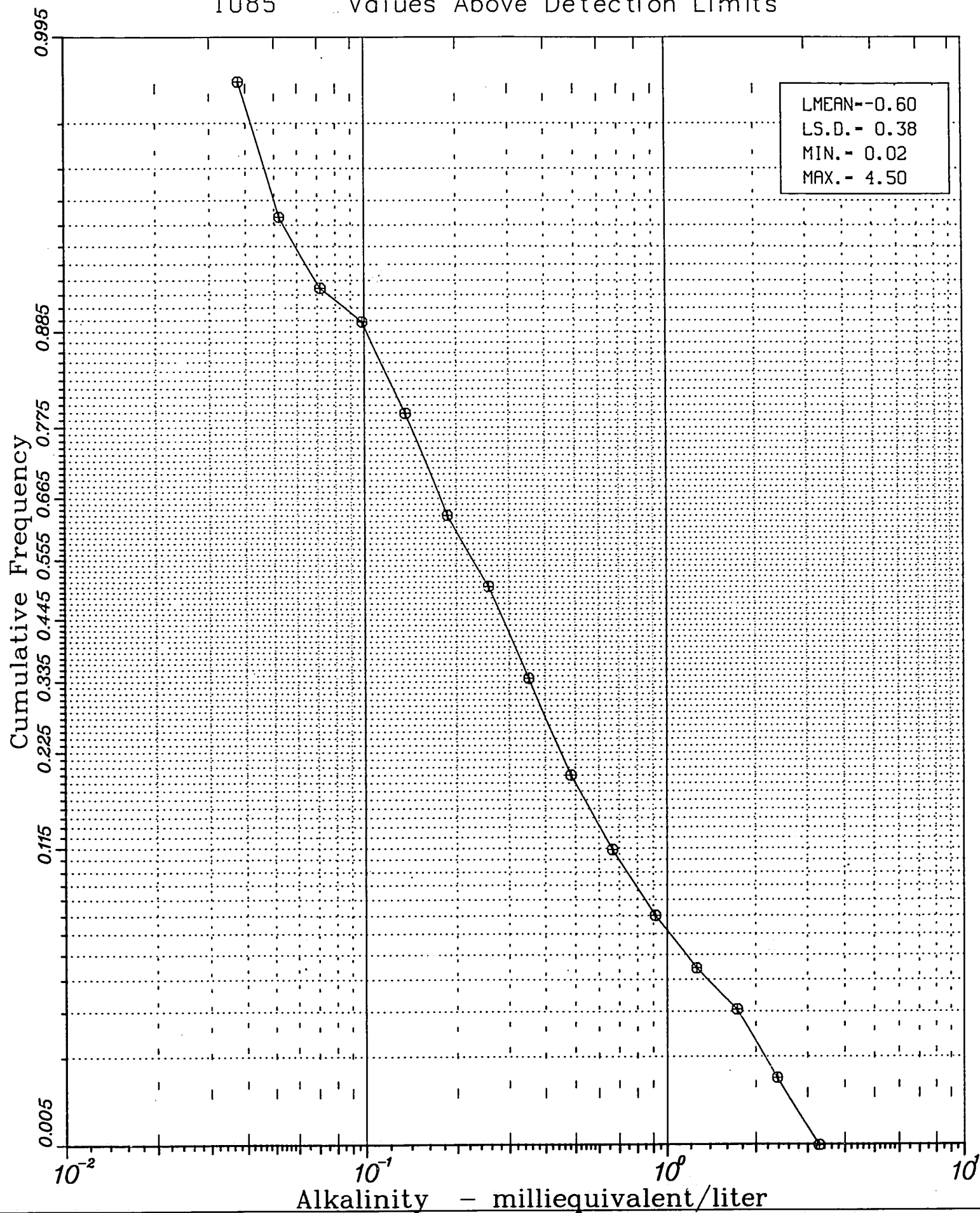
PHENIX CITY 1'x2' Sheet

Log Histogram Alkalinity Values Surface Site

1085 Values Above Detection Limits



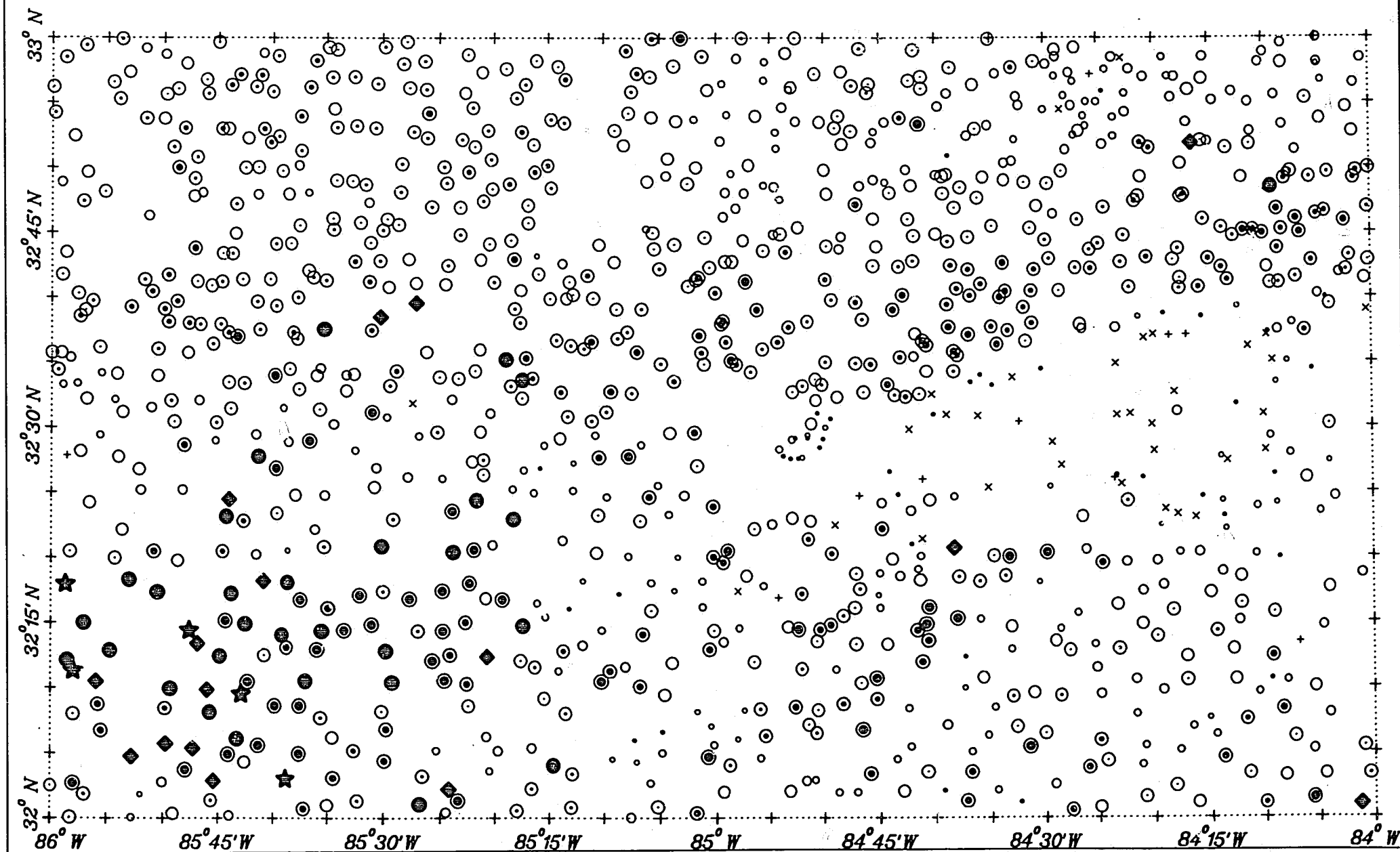
PHENIX CITY 1'x2' Sheet
 Log Cumulative Frequency Plot
 Alkalinity Values - Surface Sites
 1085 Values Above Detection Limits



PHENIX CITY 1x2' Sheet
Alkalinity In Surface Water
1085 Values Above D.L.

Alkalinity - milliequivalent/liter

+ < 0.02	o 0.06- 0.08	○ 0.16- 0.22	⊙ 0.40- 0.54	⊕ 1.10- 1.90
x 0.02- 0.04	o 0.08- 0.12	⊙ 0.22- 0.30	⊙ 0.54- 0.78	◆ 1.90- 2.90
• 0.04- 0.06	○ 0.12- 0.16	⊙ 0.30- 0.40	⊙ 0.78- 1.10	★ > 2.90



PHENIX CITY 1'x2' Sheet

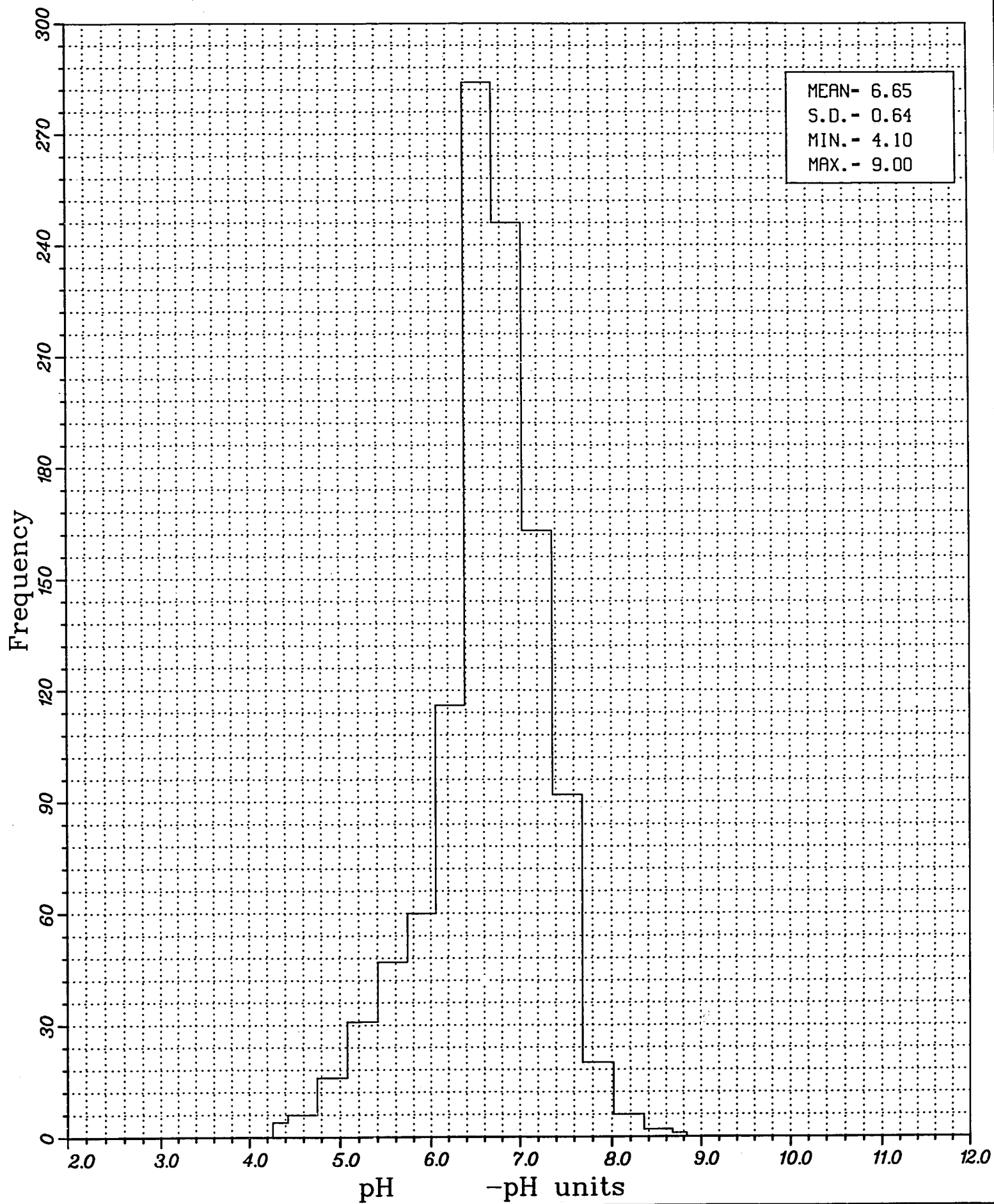
Histogram

pH

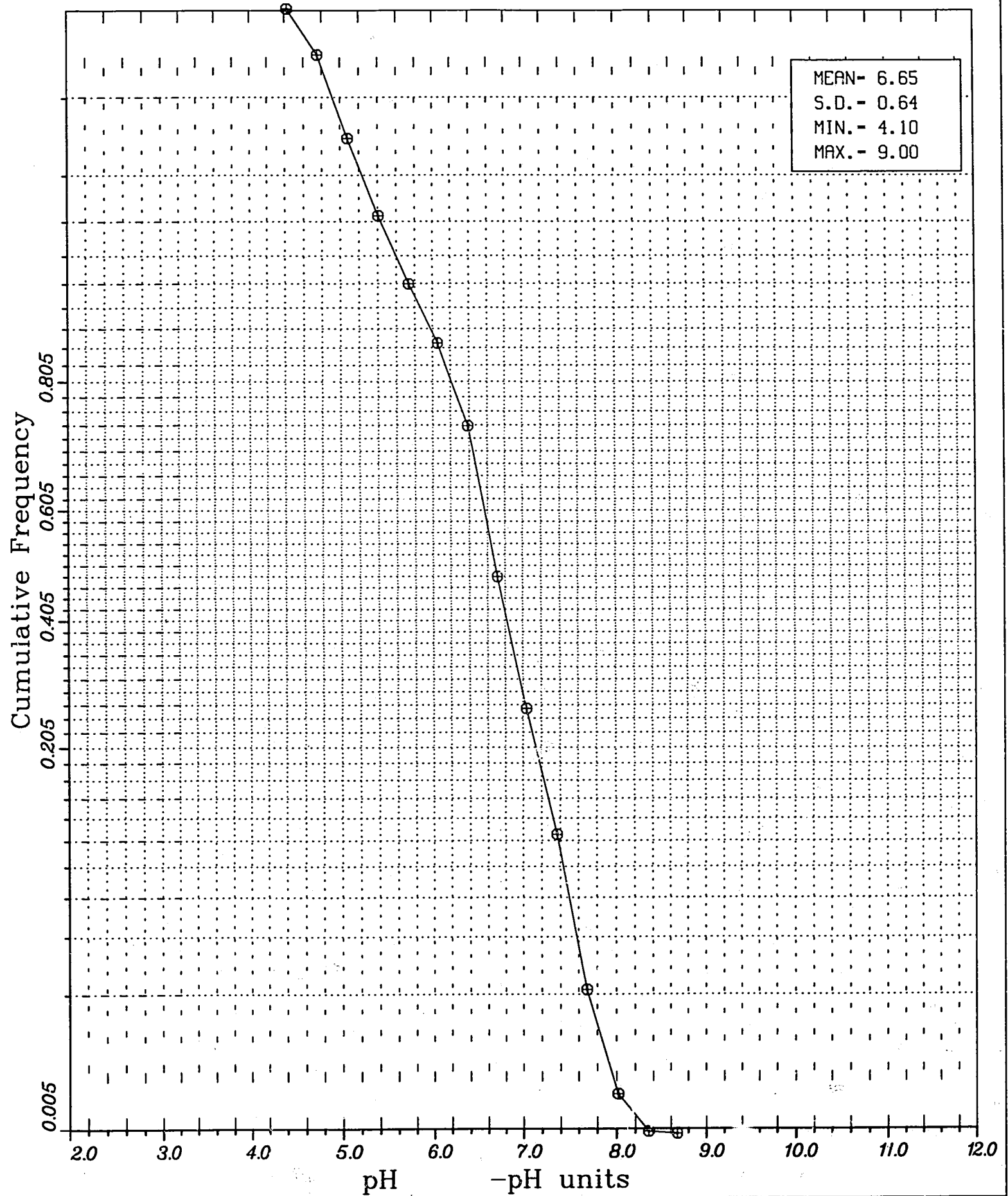
Values - Surface Sites

1094

Values Above Detection Limits

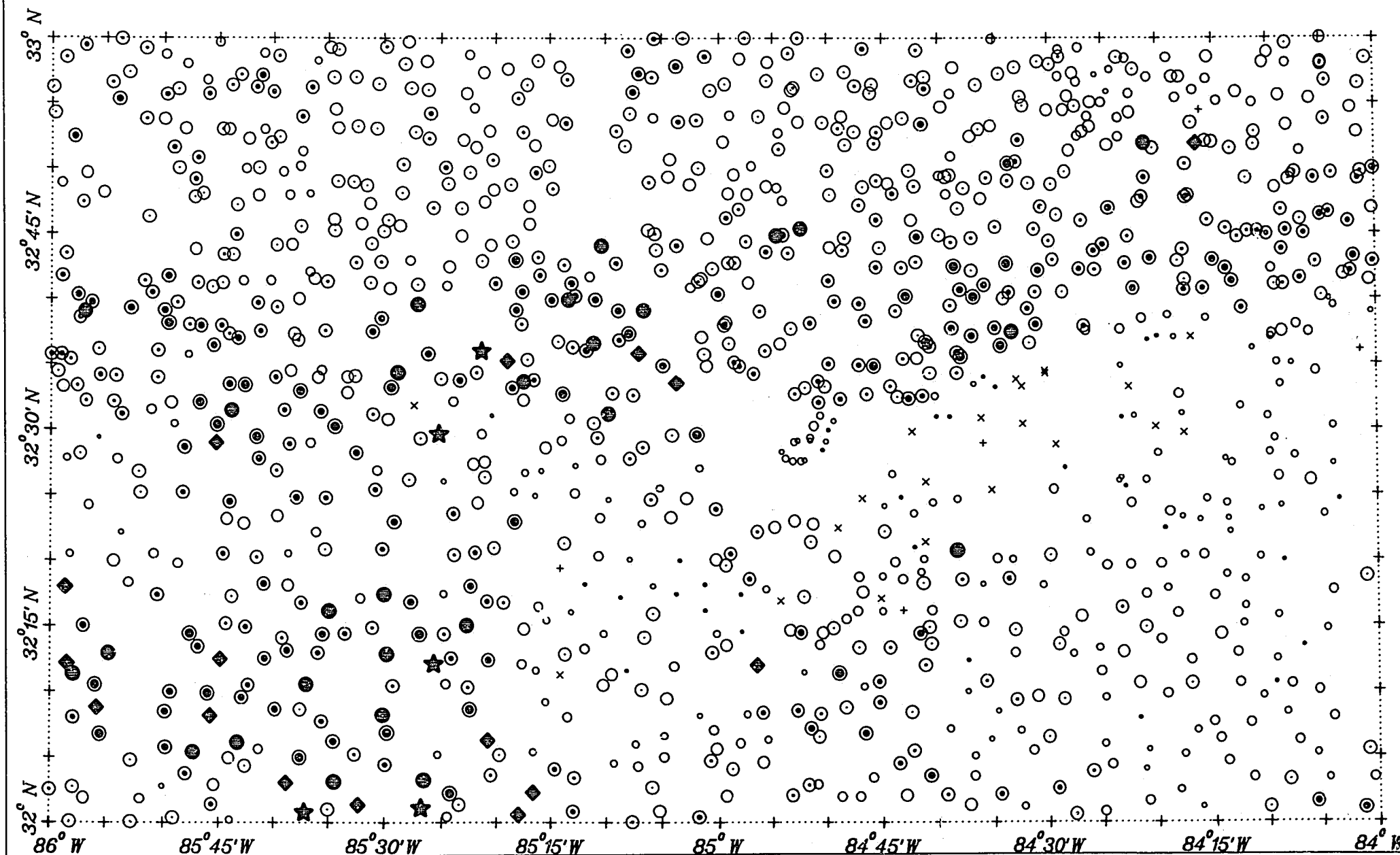


PHENIX CITY 1'x2' Sheet
Cumulative Frequency Plot
pH Values - Surface Sites
1094 Values Above Detection Limits



PHENIX CITY 1'x2' Sheet
 pH In Surface Water
 1094 Values Above D.L.

pH -pH units				
+ < 4.5	o 5.4- 5.7	○ 6.4- 6.6	⊙ 7.0- 7.2	⊗ 7.5- 7.7
x 4.5- 5.0	o 5.7- 6.1	○ 6.6- 6.8	⊙ 7.2- 7.4	◆ 7.7- 8.1
• 5.0- 5.4	○ 6.1- 6.4	○ 6.8- 7.0	⊙ 7.4- 7.5	★ > 8.1



PHENIX CITY 1°x2° Sheet

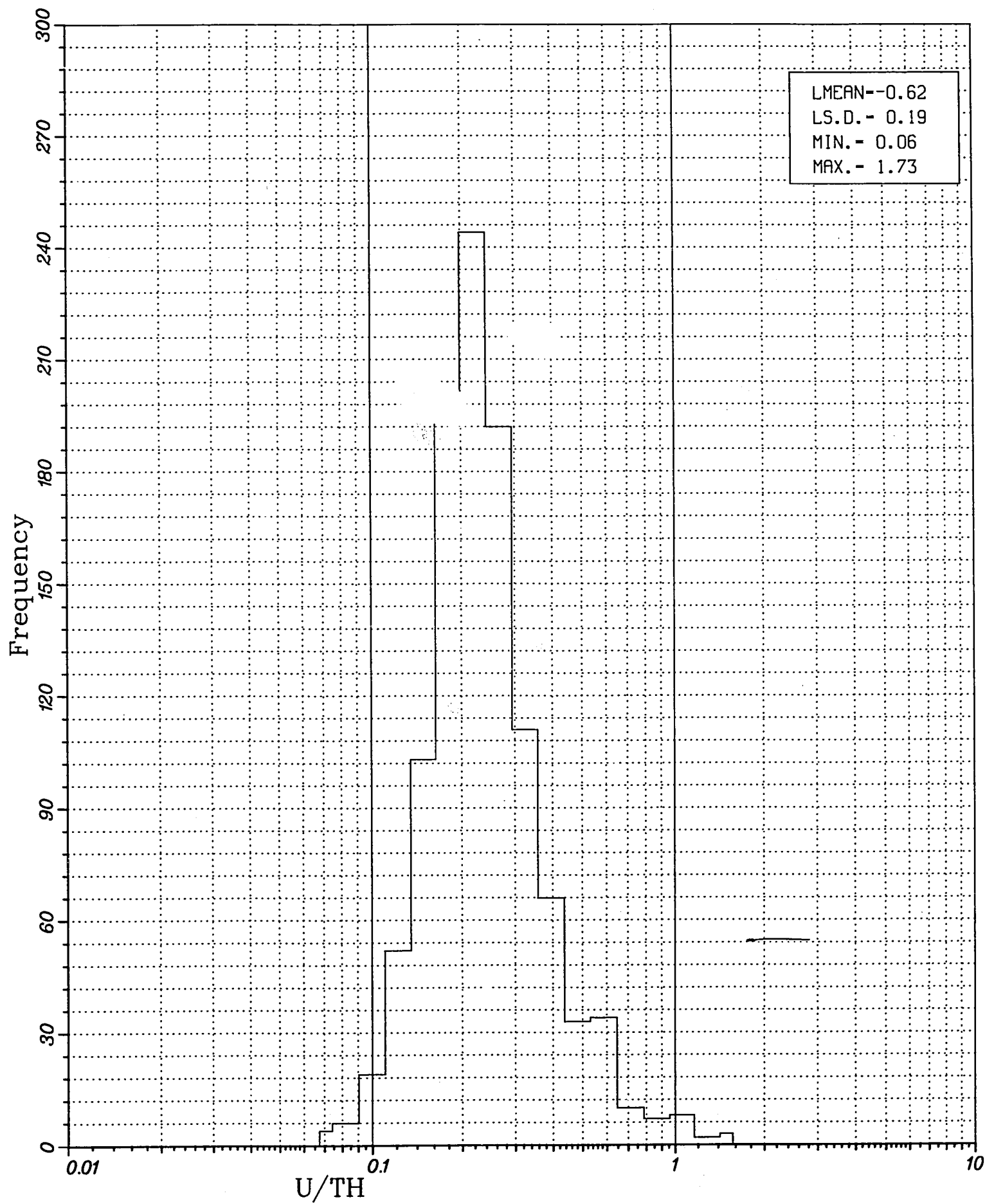
Log Histogram

U/TH

Values Surface Site

1088

Values Above Detection Limits

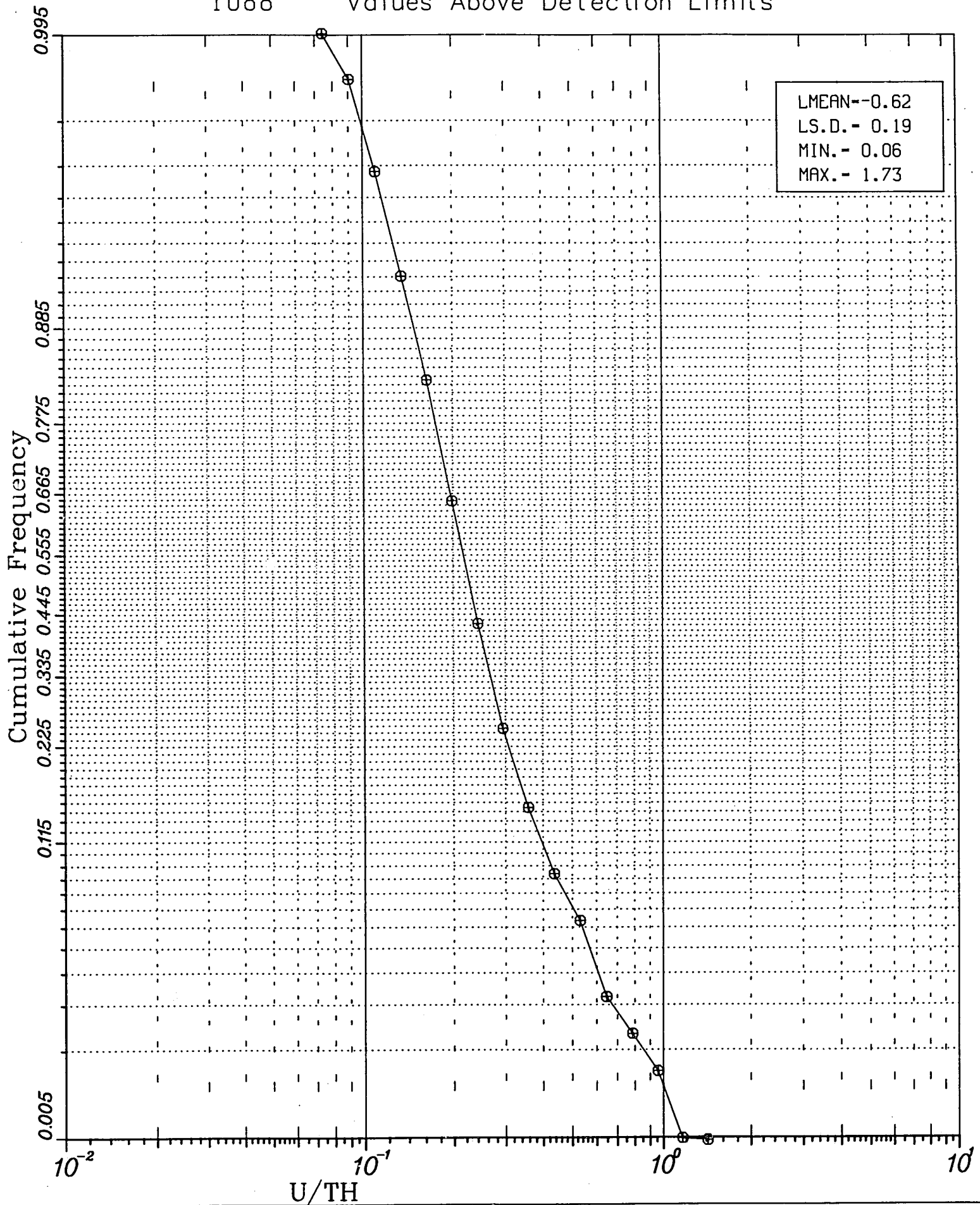


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

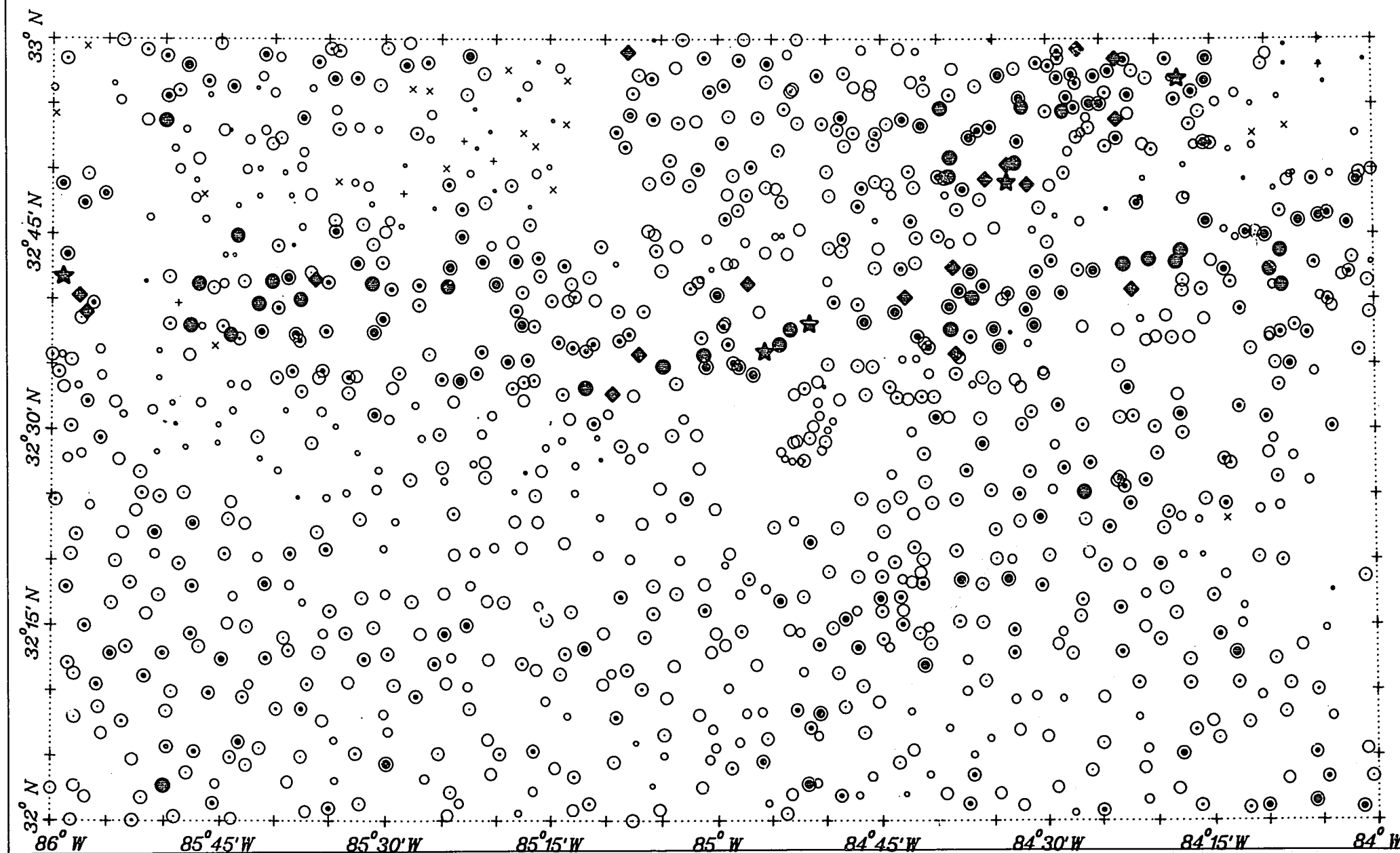
U/TH Values - Surface Sites

1088 Values Above Detection Limits



PHENIX CITY 1x2' Sheet
U/TH In Sediments
1088 Values Above D.L.

U/TH				
+ < 0.08	o 0.12- 0.14	○ 0.19- 0.21	⊙ 0.28- 0.35	● 0.56- 0.75
x 0.08- 0.10	o 0.14- 0.16	⊙ 0.21- 0.24	⊙ 0.35- 0.43	◆ 0.75- 1.16
• 0.10- 0.12	○ 0.16- 0.19	⊙ 0.24- 0.28	⊙ 0.43- 0.56	★ > 1.16



PHENIX CITY 1'x2' Sheet

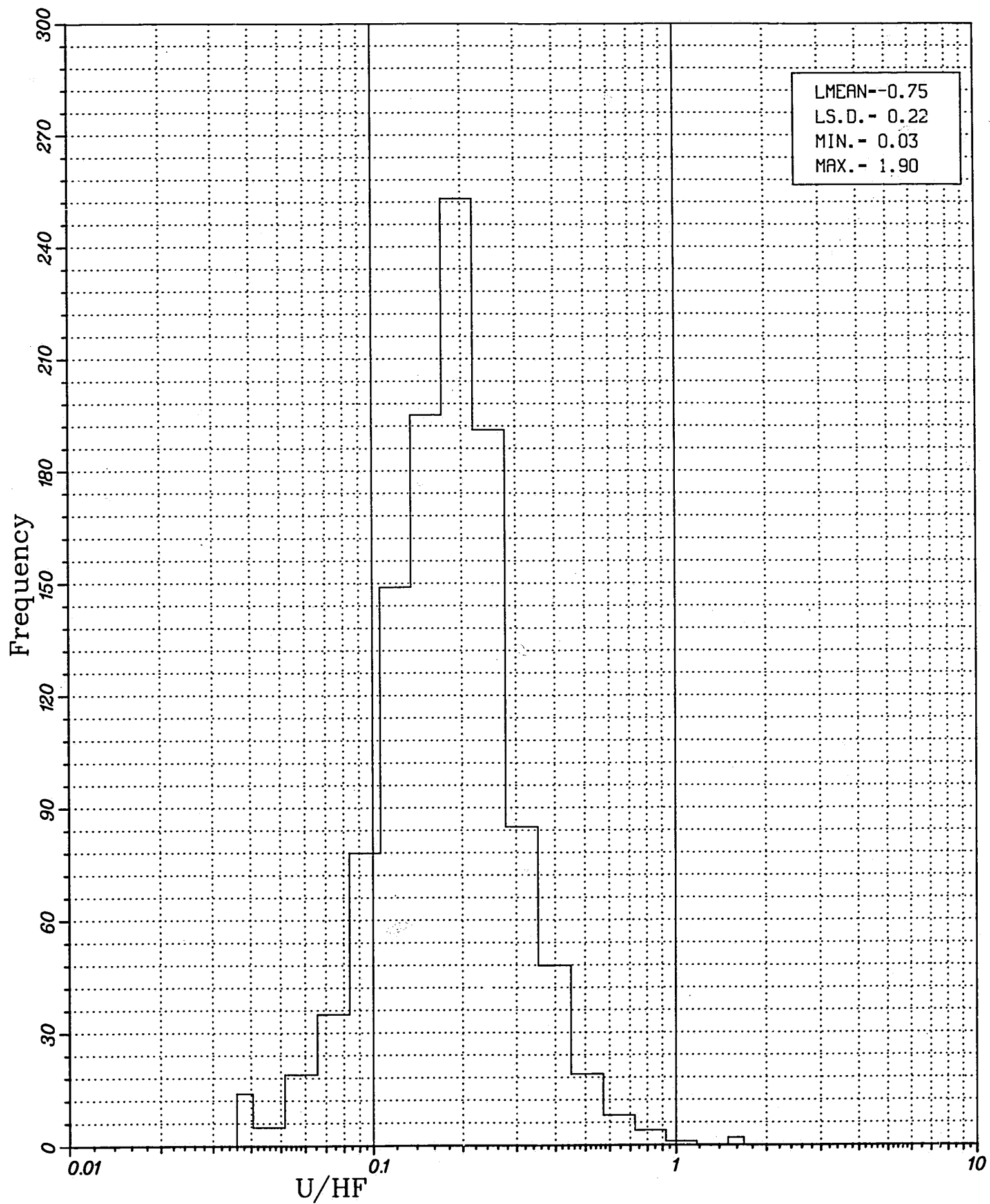
Log Histogram

U/HF

Values Surface Site

1106

Values Above Detection Limits

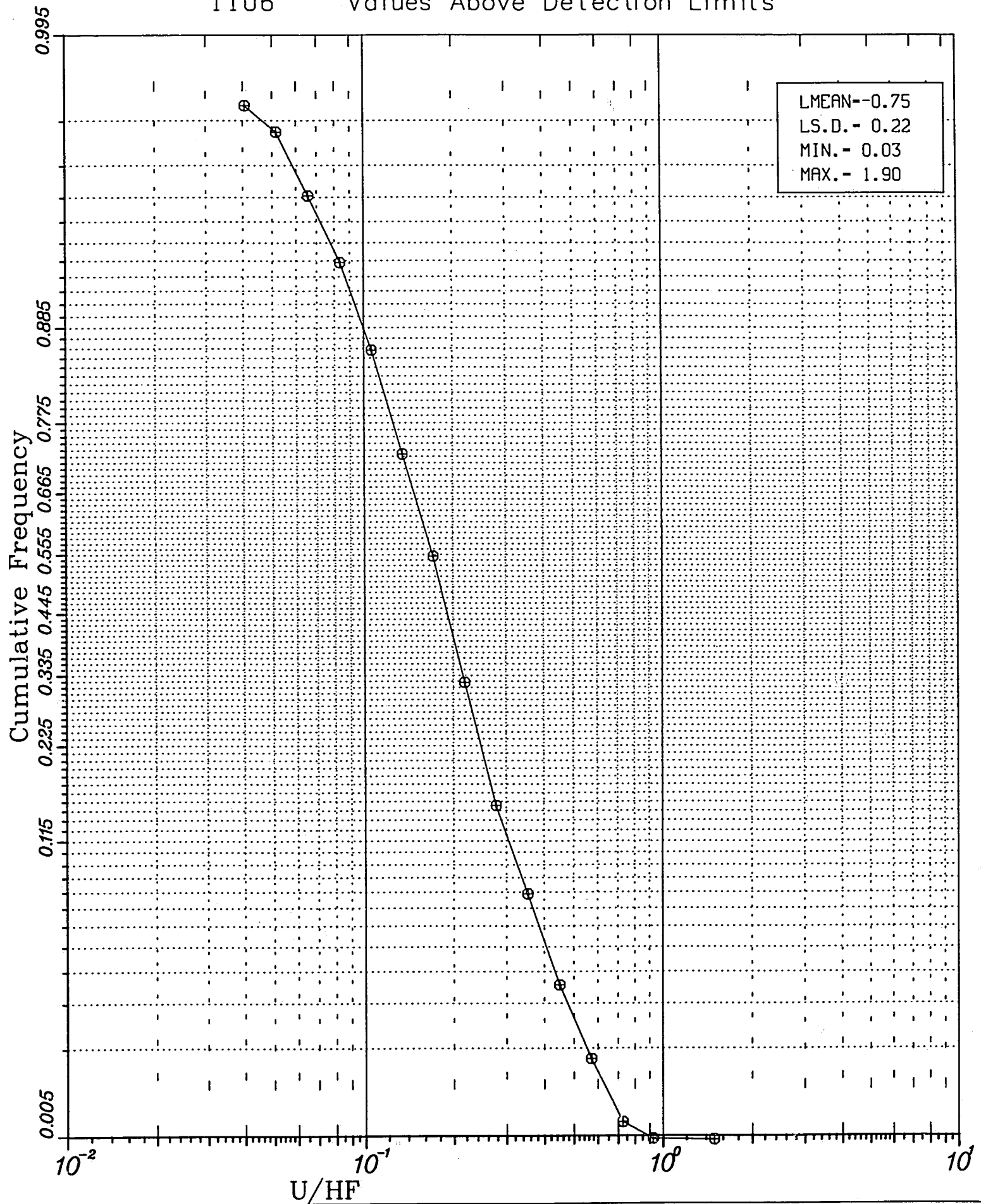


PHENIX CITY 1'x2' Sheet

Log Cumulative Frequency Plot

U/HF Values - Surface Sites

1106 Values Above Detection Limits



PHENIX CITY 1x2° Sheet
U/HF In Sediments
1106 Values Above D.L.

+ < 0.036	◦ 0.076- 0.091	○ 0.138- 0.166	⊙ 0.231- 0.271	⊙ 0.389- 0.493
× 0.036- 0.054	◦ 0.091- 0.112	⊙ 0.166- 0.200	⊙ 0.271- 0.330	◆ 0.493- 0.750
• 0.054- 0.076	○ 0.112- 0.138	⊙ 0.200- 0.231	⊙ 0.330- 0.389	★ > 0.750

