Chemical analysis and statistical data for water samples collected in Colorado, New Mexico, and Arizona as part of a study of surface-water and stream-sediment sampling techniques used in uranium exploration

S. S. Burnside and K. J. Wenrich-Verbeek

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Chemical analysis and statistical data for water samples collected in Colorado, New Mexico, and Arizona as part of a study of surface-water and stream-sediment sampling techniques used in uranium exploration

By

Sylvia S. Burnside and Karen J. Wenrich-Verbeek

Open-File report 76-851

1976

This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

Contents

Illustrations

Tables

CHEMICAL ANALYSIS AND STATISTICAL DATA FOR WATER SAMPLES COLLECTED IN COLORADO, NEW MEXICO, AND ARIZONA AS PART OF A STUDY OF SURFACE-WATER AND STREAM-SEDIMENT SAMPLING TECHNIQUES USED IN URANIUM EXPLORATION

By Sylvia S. Burnside and Karen J. Wenrich-Verbeek

INTRODUCTION

The analytical data for surface-water samples taken from 16 sampling sites located within Colorado, Arizona, and New Mexico (fig. 1) are presented. A statistical treatment of the data showing histograms and frequency distributions, is also provided.

Samples were collected in the spring and summer of 1975 as part of a water and stream-sediment study to establish methods of sampling for uranium and other elements in surface waters. Stream sediments have been collected along with water samples at each site, and a similar statistical study of the corresponding data for sediment samples is in progress.

A comprehensive discussion of optimum surface-water and stream-sediment sampling techniques for use in uranium exploration can be found in Wenrich-Verbeek (1976). Details of the 16 sample locations are also described in that report.

SAMPLING PROCEDURES

The sampling sites were chosen because they represent drainage from a broad variety of geologic terranes. Concentrations of uranium and 48 other elements were determined. Data collected in the field include stream discharge, water temperature, conductivity, pH, and Eh. The results are given in table 2.

Water samples were collected using a US DH-48 water sampler, commonly used by the U.S. Geological Survey. This sampler facilitated the collection of composite samples of both the vertical and horizontal cross sections in all streams. Water samples were collected from the stream bank and at midstream from the Jemez River to see if sampling a discrete portion of the channel would significantly alter elemental concentrations. Water collected in the flint-glass sampler bottle was transferred to a polyethylene collection bottle rinsed with dilute reagent nitric acid.

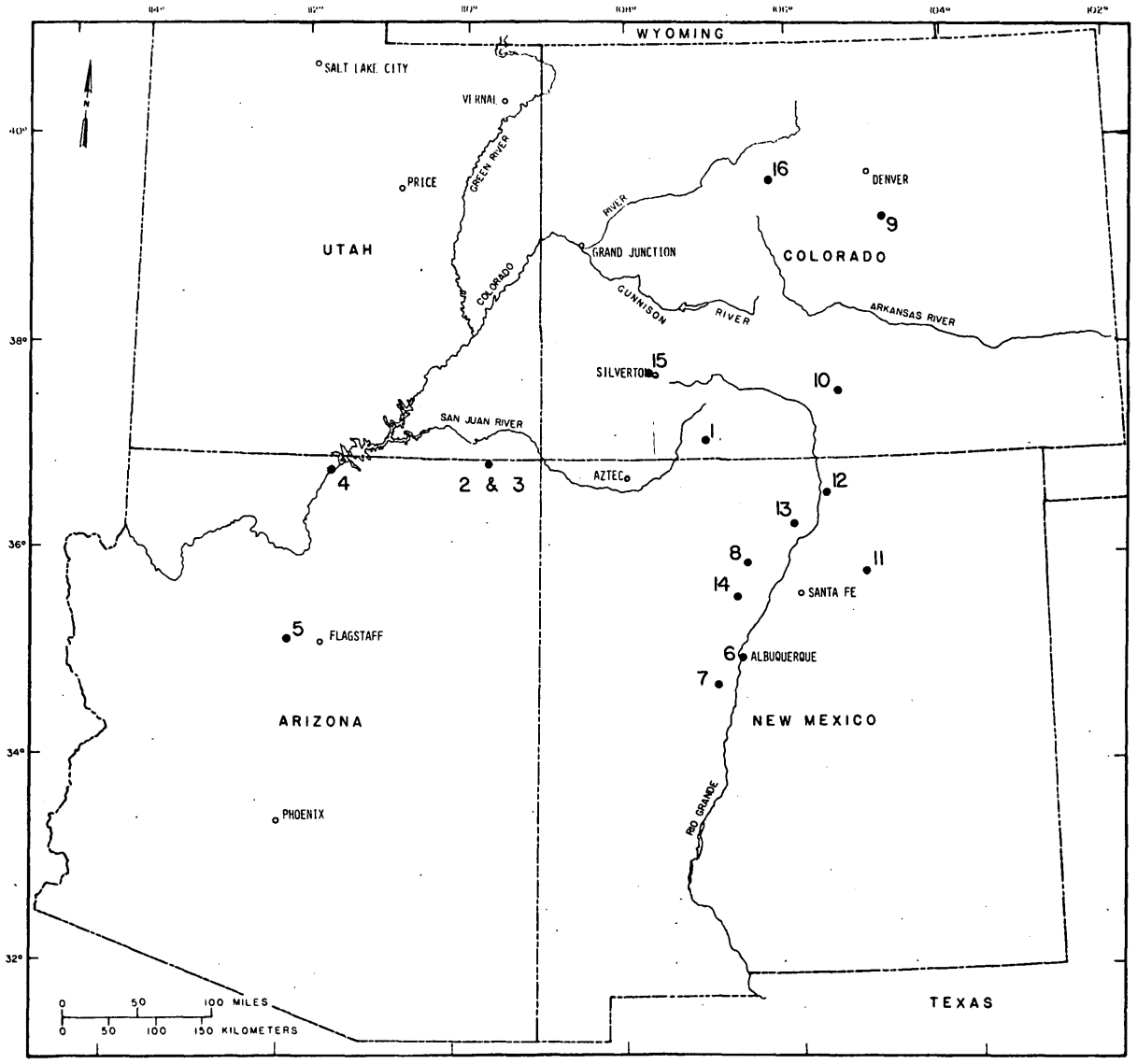

Figure 1.--Map Showing location of sampling sites used in this study:

1. San Juan River at Pagosa Springs, Colo.
2. Chinle Creek near Mexican Water, Ariz.
3. Cattle Tank near Mexican Water, Ariz.
4. Paria River at Lees Ferry, Ariz.
5. Kaibab Lake near Williams, Ariz.
6. Rio Grande at Rt. 66 Albuquerque, N. Mex.
7. Rio Puerco at Rio Ruerco, N. Mex.
8. Jemez River below E. Fork near Jemez Springs, N. Mex.
9. Cherry Creek near Franktown, Colo.
10. Huerfano River at Manzanares Crossing, near Redwing, Colo.
11. Coyote Creek near Golondrinas, N. Mex.
12. Red River near Questa, N. Mex.
13. Rio Ojo Caliente at La Madera, N. Mex.
14. Jemez River near Jemez, N. Mex.
15. Mineral Creek above Silverton, Colo.
16. Rock Creek near Dillon, Colo.

Four samples were collected at each site and subjected to the following treatments: unfiltered-unacidified, unfiltered-acidified, filtered-unacidified, and filtered-acidified. Unfiltered samples were filtered in the laboratory three to eight weeks after collection, using 0.45-μm millipore filters and analyzed simultaneously with the field-filtered samples.

METHODS OF ACIDIFICATION AND FILTRATION

All water samples were acidified to a pH of less than 1 using ultrex 70.6 percent nitric acid.

Sample filtration was carried out in the field using 0.45-μm millipore filters. Some replicate samples were field-filtered through two types of Nuclepore filters: (1) those with a surfactant coating (0.40 μm), and (2) those with no surfactant coating (0.45 μm). This filtration was done to determine if either significantly affected the concentrations of uranium and other elements in the filtrate, compared with the effects of the millipore filters.

ANALYTICAL PROCEDURES

Analysis of samples was undertaken primarily by the Oak Ridge Gaseous Diffusion Laboratory (ORL), Oak Ridge, Tennessee. Several analytical methods were employed to obtain quantitative determinations of the various elements present in low concentrations. Quantitative emission spectroscopy (ES) was the procedure used for most elements; for other elements, atomic absorption (AA), colorimetric technique (C), flame photometry (FP), and the carbon analyzer (CA) were employed. Table 1 specifies the technique used for determination of each element, along with the lower limits of detection for that element. For some elements two lower detection limits are given owing to improvements in analytical technique. Detection limits will vary from sample to sample in the suspended fraction due to differences in volume of the original sample.

Analysis of radioactive elements was done by the Water Resources Division (WRD) of the U.S. Geological Survey. The procedures used for uranium included both direct (DF) and extraction (EF) fluorimetry.

Table 1.--Analytical technique and detection limit used for each element

	Analytical Procedure	Detection Limit	Units		Analytical Procedure	Detection Limit	Units
Ag	ES	4	ppb	Na	FP	0.5	ppm
Al	ES	40	ppm	Nb	ES	4	ppb
As	AA	0.5	ppb	Ni	ES	20,16	ppb
B	ES	4	ppb	Organic C	CA	2	ppm
Ba	ES	4	ppb	Pb	ES	4	ppb
Be	ES	8, 4	ppb	Pd	ES	20	ppb
Bi	ES	40	ppb	Phosphate	C	0.3	ppm
Ca	AA	0.1	ppm	Rb	ES	80	ppb
Cd	ES	4	ppb	Rh	ES	4	ppb
Co	ES	80	ppb	Sb	ES	4	ppb
Cr	ES	4	ppb	Se	AA	0.5	ppb
Cu	ES	20, 40	ppb	SiO_2	C	4	ppm
Fe	ES	40	ppm	Sn	ES	4	ppb
Ga	ES	4	ppb	Th	C	1	ppb
Ge	ES	4	ppb	Ti	ES	20	ppb
Hg	ES	0.5, 0.2	ppb	Tl	ES	4	ppb
In	ES	4	ppb	U	EF	0.05	ppb (ORL)
K	FP	0.1	ppm	U	EF, DF	0.01	ppb (WRD)
Li	FP	8	ppb	V	ES	4	ppb
Mg	AA	0.1	ppm	W	ES	40	ppb
Mn	ES	4	ppb	Zn	AA	6	ppb
Mo	ES	4	ppb	Zr	ES	8	ppb

EXPLANATION OF TABLE 2

Analytical results from water samples are given in table 2 as standard analytical values in ppm (parts per million), ppb (parts per billion), pC/l (picocuries per liter), and as qualified values expressed as a letter adjacent to the value. The letter codes for qualified values are L, less than specified limit of detection; or B, no data reported. Element symbols are capitalized because the original computer printout is used. For example, the symbol for arsenic, As, becomes AS; sodium, Na, becomes NA; and so on. Other parameter headings have been abbreviated so that they conform with the computer-printout format. They include:

Heading used in Table 2	Unabbreviated Heading
SAMPLE	Sample number
COND (MICROMHOS)	Conductance in micromhos/centimeter
DISCH (CUBIC FT/SEC)	Stream discharge in cubic feet/second
EH (mv)	Eh in millivolts
PH	pH in standard units
SUR AR (SQ MILES)	Surface area in square miles
TEMP(°C)	Temperature in centigrade degrees
BGRS (AS SR/Y-90)	Beta Gross as Strontium/Yttrium-90
BGRS (AS CS-137)	Beta Gross as Cesium-137
GRSA	Gross Alpha

Letters, D, TL, S, and TR, used in conjunction with element symbols indicate specific water fractions analyzed. The symbol D (dissolved) refers to element concentrations in water samples filtered in the field. The symbol TL (total left) refers to element concentrations in those samples that were not filtered in the field but later filtered in the lab; TL can be regarded as a variation of the dissolved (D) component with time. A comparison can thus be made between D and TL samples that shows the effects on elemental concentrations in filtrates when suspended material is allowed to remain in the sample for a period of time.

The symbol S (suspended) refers to element concentrations in what was initially the suspended fraction of the lab-filtered sample. In the Environmental Protection Agency Storet file, which contains water data from various State and Federal agencies and in separate WRD files, the suspended concentration is normally determined merely by subtracting the TL fraction from the analysis of the total sample. In this report the S value is the result of an actual analysis of the undissolved material removed during filtration of the laboratory-filtered sample.

The symbol TR (total right) refers to total element concentrations in the unfiltered sample. They are calculated by adding the suspended (S) and total left (TL) columns together. If a particular column is missing, then no data is reported for that element. For example, the (S) column for Ag is not given. Also the (TR) column for those radioactive elements analyzed by WRD are not given, because the suspended fraction was never analyzed. When qualified (L, B) values are present in a particular column, they may not be used in the addition if they are considered insignificant, or they are given an arbitrary value and then added.

The eight-unit sample identification numbers, which are used in table 2, not only distinguish sample sites but denote acidified and unacidified samples; stream bank, midstream, and composite samples; and the type of filter membranes used for a particular sample. The time period between time of collection and time of filtration and analysis is also indicated for one sample (15) analyzed at four different time intervals. The following is an explanation of the sample identification numbers:

Columns 1, 2 ---------- Sampling site number

Column 3

A ---------- Composite sample
B ---------- Midstream sample
C ---------- Shore sample
D ---------- 27-day interval between collection and analysis.
E ---------- 43-day interval between collection and analysis.
F ---------- 55-day interval between collection and analysis.
G ---------- 68-day interval between collection and analysis.

Column 4

1----------Unacidified - millipore membrane
2----------Acidified - millipore membrane
3----------Unacidified - nuclepore membrane with surfactant
4----------Acidified - nuclepore membrane with surfactant
5----------Unacidified - nuclepore membrane without surfactant
6----------Acidified - nuclepore without surfactant

Columns 5, 6 Month of collection

Columns 7, 8 Last two digits of the year of collection

EXPLANATION OF TABLE 3

Table 3 presents a statistical treatment of the analytical data in table 2. It was compiled and processed using a U.S. Geological Survey Statpac Program called Graphical Analysis (D0036). The program is designed to calculate a frequency distribution and histogram for each variable for which there is sufficient data, and a statistical summary for each element.

In constructing the histograms, the program determines the minimum and maximum values for each element. From these, it calculates the appropriate number of classes, the class interval, and the upper and lower limits for each class. Decimal numbers are printed by the computer as powers of 10; for example:

3.0E-01 means 3.0×10^{-1} or 0.3
3.0E+00 means 3.0×10^{0} or 3.0
3.0E+01 means $3.0 \times 10^{+1}$ or 30.0

The histograms appear as a series of X's, where each X represents one percent of the total number of samples.

All information in table 3 was derived only from data values within the range of analytical determination. Where the qualified value L is present, the histograms are incomplete and the frequency tables and statistics are biased. When only qualified values are present (L or B), a histogram is not produced. Other code letters listed in table 3, but not present in the reported data, include N, not detected at level of detection; H, interference; T, trace; and G, greater than value shown.

The information in table 3 is given for each element using two types of data. The first histogram for an element employs the original data, taken from table 1. The second histogram also employs the original data, but is given on a logarithmic scale (L-). In most cases, the logarithmic scale more closely approximates a symmetrical or normal distribution, and is therefore useful for characterizing many geochemical distributions.

The statistical summary given below each histogram includes the maximum and minimum value of the sample, as well as the arithmetic mean, standard deviation, and variance.

The frequency tables include the observed, cumulative, and percent cumulative frequencies for the given values. In addition, a theoretical frequency, which shows what the frequency should be if it represented a population having a normal distribution, is provided.

REFERENCES CITED

Wenrich-Verbeek, K. J., 1976, Water and stream-sediment sampling techniques for use in uranium exploration: U.S. Geological Survey Open-File report 76-77, 30 pp.

Table 2.--Analytical data for water samples collected from streams in Arizona, Colorado, and New Mexico during the spring and summer of 1975.

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	COND MICROMHOS	DISCH CUBIC FT/SEC	EH MV	PH STANDARD UNITS	SUR AR SQ MILES	TEMP °C	(PPB) AG-D	(PPB) AG-TL	(PPB) AG-TR	(PPB) AL-D
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO					(LAT 37 15 58 LONG 107 00 37)				
01A10575	65.0000	1110.0000	0.0000B	0.0000B	298.0000	9.0000	0.0000B	0.0000B	0.0000B	0.2000
01A20575	65.0000	1110.0000	0.0000B	0.0000B	298.0000	9.0000	0.0000B	0.0000B	0.0000B	0.3000
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA					(LAT 56 38 LONG 109 42 36)				
02A10575	360.0000	90.0000	200.0000	0.0000B	3660.0000	23.0000	0.0000B	0.0000B	0.0000B	0.2600
02A20575	360.0000	90.0000	200.0000	0.0000B	3660.0000	23.0000	0.0000B	0.0000B	0.0000B	2.5000
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ					(36 56 38 LONG 109 42 36)				
03A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
	PARIA RIVER ABOVE LEES FERRY, ARIZONA					(LAT 36 52 20 LONG 111 35 38)				
04A10575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.0400L
04A30575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.5000
04A50575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.0400L
04A20575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.1000
04A40575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.7000
04A60575	580.0000	4.7000	155.0000	0.0000B	1410.0000	15.5000	0.0000B	0.0000B	0.0000B	0.3000
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA					(LAT 35 17 03 LONG 112 09 43)				
05A10575	82.0000	0.0000B	205.0000	0.0000B	16.6000	16.0000	0.0000B	0.0000B	0.0000B	0.0400L
05A20575	82.0000	0.0000B	205.0000	0.0000B	16.6000	16.0000	0.0000B	0.0000B	0.0000B	0.1000
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM					(LAT 35 05 21 LONG 106 40 48)				
06A10675	235.0000	4320.0000	165.0000	0.0000B	17440.0000	20.0000	0.0000B	0.0000B	0.0000B	2.0000
06A20675	235.0000	4320.0000	165.0000	0.0000B	17440.0000	20.0000	0.0000B	0.0000B	0.0000B	0.4000
	RIO PUERCO AT RIO PUERCO, NEW MEXICO					(LAT 34 47 38 LONG 106 59 20)				
07A10675	1950.0000	7.2000	125.0000	0.0000B	6590.0000	14.0000	0.0000B	0.0000B	0.0000B	0.0400L
07A70675	1950.0000	7.2000	125.0000	0.0000B	6590.0000	14.0000	0.0000B	0.0000B	0.0000B	0.4000
07A80675	1950.0000	7.2000	125.0000	0.0000B	6590.0000	14.0000	0.0000B	0.0000B	0.0000B	0.1000
07A20675	1950.0000	7.2000	125.0000	0.0000B	6590.0000	14.0000	0.0000B	0.0000B	0.0000B	1.0000
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM					(LAT 35 49 39 LONG 106 38 52)				
08A10675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.2000
08A30675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0400L
08A50675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0600
08B10675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.2000
08A40675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.2000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	COND MICROMHOS	DISCH CUBIC FT/SEC	EH MV	PH STANDARD UNITS	SUR AR SQ MILES	TEMP °C	(PPB) AG-D	(PPB) AG-TL	(PPB) AG-TR	(PPB) AL-D
		JEMEZ RIVER (CONTINUED)								
08A60675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.2000
08P20675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0000B
08C20675	142.0000	41.0000	85.0000	6.6000	173.0000	15.0000	0.0000B	0.0000B	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	4.0000L	0.0000B	0.0400L
09A30775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	0.0000B	0.0000B	2.8000
09A50775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	0.0000B	0.0000B	2.8000
09A20775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	4.0000L	0.0000B	2.8000
09A40775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	0.0000B	0.0000B	0.1100
09A60775	50.0000L	3.2000	0.0000B	8.2000	169.0000	24.0000	4.0000L	0.0000B	0.0000B	6.8000
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	120.0000	55.0000	190.0000	8.2500	73.0000	14.8000	4.0000L	4.0000L	0.0000B	0.1000
10A20775	120.0000	55.0000	190.0000	8.2500	73.0000	14.8000	4.0000L	4.0000L	0.0000B	10.0000
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	480.0000	10.0000	130.0000	7.5000	215.0000	19.0000	4.0000L	4.0000L	0.0000B	0.0700
11A20775	480.0000	10.0000	130.0000	7.5000	215.0000	19.0000	4.0000L	4.0000L	10.0000L	0.2000
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	480.0000	70.0000	135.0000	7.1500	190.0000	15.1000	4.0000L	4.0000L	0.0000B	0.6800
12A20775	480.0000	70.0000	135.0000	7.1500	190.0000	15.1000	4.0000L	4.0000L	0.0000B	0.2100
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	715.0000	15.0000	105.0000	7.6000	419.0000	18.0000	4.0000L	4.0000L	0.0000B	0.0400L
13A20775	715.0000	15.0000	105.0000	7.6000	419.0000	18.0000	4.0000L	4.0000L	10.0000L	0.5200
13B10775	715.0000	15.0000	105.0000	7.6000	419.0000	18.0000	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	715.0000	15.0000	105.0000	7.6000	419.0000	18.0000	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	455.0000	40.0000	96.0000	7.6000	470.0000	26.0000	4.0000L	4.0000L	0.0000B	0.0400L
14A20775	455.0000	40.0000	96.0000	7.6000	470.0000	26.0000	4.0000L	4.0000L	0.0000B	0.6500
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.0400L
15D20775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	10.0000L	0.0400L
15E10775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.0000B
15F10775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.0400L
15G10775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.0400L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	COND MICROMHOS	DISCH CUBIC FT/SEC	ET MV	PH STANDARD UNITS	SUR AR SQ MILES	TEMP °C	(PPB) AG-D	(PPB) AG-TL	(PPB) AG-TR	(PPB) AL-D
		MINERAL CREEK (CONTINUED)								
15F20775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	5.0000	4.0000L	0.0000B	0.1000
15F20775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.0800
15G20775	100.0000	71.0000	125.0000	6.7000	11.0000	12.1000	4.0000L	4.0000L	0.0000B	0.2100
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	50.0000L	42.0000	110.0000	6.8000	15.8000	12.0000	4.0000L	4.0000L	0.0000B	0.0400L
16A20775	50.0000L	42.0000	110.0000	6.8000	15.8000	12.0000	0.0000B	4.0000L	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) AL-TL	(PPM) AL-S	(PPM) AL-TR	(PPB) AS-D	(PPB) AS-TL	(PPB) AS-S	(PPB) AS-TR	(PPB) B-D	(PPB) B-TL	(PPB) B-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	0.2000	2.6000	2.8000	0.5000L	0.5000L	0.5000L	1.0000L	20.0000	200.0000	4.0000L
01A20575	0.4000	2.4000	2.8000	0.5000L	0.5000L	0.5000L	1.0000L	40.0000	400.0000	4.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	0.8000	1400.0000	1400.0000	3.6000	7.6000	85.4000	93.0000	300.0000	700.0000	2000.0000L
02A20575	7.0000	869.0000	876.0000	4.6000	8.0000	74.9000	82.9000	100.0000	200.0000	1000.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	1.5000	0.6000	2.1000	0.0000B	4.3000	0.5000L	4.5000	0.0000B	400.0000	4.0000L
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	0.2000	15.0000	15.2000	1.9000	1.7000	2.5000	4.2000	100.0000	200.0000	200.0000L
04A30575	0.0000B	0.0000B	0.0000B	1.8000	0.0000B	0.0000B	0.0000B	300.0000	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	1.6000	0.0000B	0.0000B	0.0000B	100.0000	0.0000B	0.0000B
04A20575	1.3000	16.0000	17.3000	1.7000	2.6000	3.1000	5.7000	70.0000	300.0000	4.0000L
04A40575	0.0000B	0.0000B	0.0000B	1.0000	0.0000B	0.0000B	0.0000B	70.0000	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	1.0000	0.0000B	0.0000B	0.0000B	100.0000	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	1.5000	7.4000	8.9000	0.5000L	0.5000L	0.5000L	0.7000	40.0000	100.0000	70.0000L
05A20575	1.3000	8.0000	9.3000	0.5000L	0.5000L	0.5000	1.0000L	40.0000	500.0000	4.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	1.5000	17.6000	19.1000	3.3000	2.0000	1.4000	3.4000	500.0000	100.0000	4.0000L
06A20675	3.0000	15.0000	18.8000	1.6000	2.8000	2.1000	4.9000	200.0000	300.0000	4.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	10.0000	5400.0000	5400.0000	0.5000L	2.9000	480.0000	482.9000	150.0000	300.0000	5000.0000L
07A70675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	400.0000	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	400.0000	0.0000B	0.0000B
07A20675	13.0000	5400.0000	5400.0000	0.5000L	9.8000	412.3000	422.1000	200.0000	300.0000	5000.0000L
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	0.2000	0.6000	0.8000	2.4000	2.4000	0.5000L	2.6000	50.0000	100.0000	4.0000L
08A30675	0.0000B	0.0000B	0.0000B	2.3000	0.0000B	0.0000B	0.0000B	60.0000	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	2.2000	0.0000B	0.0000B	0.0000B	40.0000	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	0.2000	0.7000	0.9000	2.2000	2.2000	0.5000L	2.4000	80.0000	80.0000	4.0000L
08A40675	0.0000B	0.0000B	0.0000B	2.1000	0.0000B	0.0000B	0.0000B	100.0000	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) AL-TL	(PPM) AL-S	(PPM) AL-TR	(PPB) AS-D	(PPB) AS-TL	(PPB) AS-S	(PPB) AS-TR	(PPB) B-D	(PPB) B-TL	(PPB) B-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	2.7000	0.0000B	0.0000B	0.0000B	100.0000	0.0000B	0.0000B
08B20675	0.4000	1.0000	1.4000	0.0000B	2.3000	0.5000L	2.7000	0.0000B	200.0000	4.0000L
08C20675	0.3000	0.7000	1.0000	0.0000B	2.2000	0.5000L	2.6000	0.0000B	80.0000	4.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	1.2000	0.0000B	0.0000B	3.6000	3.9000	3.9000	0.0000B	40.0000	40.0000	0.0000B
09A30775	0.0000B	0.0000B	0.0000B	3.8000	0.0000B	0.0000B	0.0000B	60.0000	0.0000B	0.0000B
09A50775	0.0000B	0.0000B	0.0000B	3.9000	0.0000B	0.0000B	0.0000B	40.0000	0.0000B	0.0000B
09A20775	0.1000	0.0000B	0.0000B	3.8000	3.4000	3.4000	0.0000B	200.0000	120.0000	0.0000B
09A40775	0.0000B	0.0000B	0.0000B	3.7000	0.0000B	0.0000B	0.0000B	260.0000	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	3.8000	0.0000B	0.0000B	0.0000B	200.0000	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.2500	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	7.0000	30.0000	0.0000B
10A20775	0.4500	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	80.0000	100.0000	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.2800	0.0000B	0.0000B	0.9000	1.0000	0.0000B	0.0000B	70.0000	50.0000	0.0000B
11A20775	4.0000	0.0000B	2.9000	0.8000	0.5000	0.0000B	3.0000	140.0000	100.0000	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.4000	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	70.0000	20.0000	0.0000B
12A20775	3.5000	0.0000B	0.0000B	0.5000L	0.7000	0.0000B	0.0000B	100.0000	100.0000	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.1500	0.0000B	0.0000B	5.0000	4.1000	0.0000B	0.0000B	340.0000	200.0000	0.0000B
13A20775	0.1800	0.0000B	0.2700	4.3000	4.1000	0.0000B	7.0000	320.0000	130.0000	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.4000	0.0000B	0.0000B	39.6000	41.2000	0.0000B	0.0000B	260.0000	260.0000	0.0000B
14A20775	0.7000	0.0000B	0.0000B	38.0000	43.6000	0.0000B	0.0000B	390.0000	630.0000	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0400L	0.0000B	0.0000B	0.5000L	1.3000	0.0000B	0.0000B	4.0000L	30.0000	0.0000B
15D20775	0.6400	0.0000B	0.2100	0.5000L	5.6000	0.0000B	8.0000	40.0000	20.0000L	0.0000B
15F10775	0.0700	0.0000B	0.0000B	0.5000L	2.1000	0.0000B	0.0000B	4.0000L	10.0000	0.0000B
15F10775	0.0400L	0.0000B	0.0000B	0.5000L	2.3000	0.0000B	0.0000B	7.0000	12.0000	0.0000B
15G10775	0.0400L	0.0000B	0.0000B	0.5000L	1.7000	0.0000B	0.0000B	80.0000	12.0000	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) AL-TL	(PPM) AL-S	(PPM) AL-TR	(PPB) AS-D	(PPB) AS-TL	(PPB) AS-S	(PPB) AS-TR	(PPB) B-D	(PPB) B-TL	(PPB) B-S
			MINERAL CREEK (CONTINUED)							
15F20775	0.6000	0.0000B	0.0000B	0.5000L	5.8000	0.0000B	0.0000B	20.0000	400.0000	0.0000B
15F20775	0.6000	0.0000B	0.0000B	0.5000L	6.7000	0.0000B	0.0000B	35.0000	40.0000	0.0000B
15G20775	0.6000	0.0000B	0.0000B	0.5000L	6.6000	0.0000B	0.0000B	28.0000	20.0000	0.0000B
			ROCK CREEK NEAR DILLON, COLORADO			(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	100.0000	60.0000	0.0000B
16A20775	0.1500	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	30.0000	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) B-TR	(PPB) BA-D	(PPB) BA-TL	(PPB) BA-S	(PPB) BA-TR	(PPB) BE-D	(PPB) BE-TL	(PPB) BE-S	(PPB) BE-TR	(pC/) BGRS-D AS SR/Y-90
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)									
01A10575	200.0000	10.0000	30.0000	4.0000L	31.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
01A20575	400.0000	20.0000	40.0000	4.0000L	40.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)									
02A10575	2700.0000L	30.0000	1400.0000	4.0000L	1400.0000	4.0000L	4.0000L	200.0000L	200.0000L	0.0000B
02A20575	1200.0000L	50.0000	700.0000	6000.0000	6700.0000	4.0000L	4.0000L	100.0000L	100.0000L	0.0000B
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)									
03A10575	0.0000B	0.0000B	30.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B
	PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)									
04A10575	400.0000L	30.0000	30.0000	700.0000	1000.0000	4.0000L	4.0000L	20.0000L	24.0000L	0.0000B
04A30575	0.0000B	100.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A50575	0.0000B	50.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A20575	300.0000	30.0000	30.0000	4.0000L	31.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
04A40575	0.0000B	30.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)									
05A10575	170.0000L	30.0000	50.0000	200.0000	600.0000	4.0000L	4.0000L	10.0000L	14.0000L	0.0000B
05A20575	500.0000	20.0000	40.0000	4.0000L	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)									
06A10675	100.0000	60.0000	30.0000	4.0000L	31.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
06A20675	300.0000	50.0000	140.0000	4.0000L	140.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
	RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)									
07A10675	5300.0000L	20.0000	150.0000	27000.0000	27150.0000	4.0000L	10.0000	500.0000L	510.0000L	0.0000B
07A70675	0.0000B	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
07A80675	0.0000B	400.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
07A20675	5300.0000L	60.0000	80.0000	31000.0000	31080.0000	4.0000L	30.0000	4.0000L	31.0000	0.0000B
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)									
08A10675	100.0000	30.0000	20.0000	4.0000L	21.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
08A30675	0.0000B	30.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
08A50675	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	80.0000	50.0000	40.0000	4.0000L	40.0000	4.0000L	8.0000L	4.0000L	12.0000L	0.0000B
08A40675	0.0000B	70.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) B-TR	(PPB) BA-D	(PPB) BA-TL	(PPB) BA-S	(PPB) BA-TR	(PPB) BE-D	(PPB) BE-TL	(PPB) BE-S	(PPB) BE-TR	(pC/) RGRS-D AS SR/Y-90
		JEMEZ RIVER (CONTINUED)								
09A60675	0.0000B	70.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09B20675	0.0000B	0.0000B	60.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B
09C20675	0.0000B	0.0000B	40.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	30.0000	50.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.5000
09A30775	0.0000B	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A50775	0.0000B	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A20775	0.0000B	60.0000	20.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	5.5000
09A40775	0.0000B	100.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	60.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	20.0000	100.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
10A20775	0.0000B	20.0000	50.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	40.0000	80.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
11A20775	70.0000	60.0000	200.0000	0.0000B	100.0000	4.0000L	4.0000L	0.0000B	10.0000	0.0000B
		RED RIVER NEAR GUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	4.0000L	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
12A20775	0.0000B	10.0000	150.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	100.0000	100.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	9.9000
13A20775	230.0000	50.0000	50.0000	0.0000B	100.0000	4.0000L	4.0000L	0.0000B	10.0000L	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	120.0000	60.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
14A20775	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15D20775	60.0000	10.0000	30.0000	0.0000B	100.0000L	4.0000L	4.0000L	0.0000B	10.0000L	0.0000B
15E10775	0.0000B	4.0000L	7.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15F10775	0.0000B	7.0000	12.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15G10775	0.0000B	80.0000	12.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) BA-TR	(PPB) BA-D	(PPB) BA-TL	(PPB) BA-S	(PPB) BA-TP	(PPB) BE-D	(PPB) BE-TL	(PPB) BE-S	(PPB) BE-TP	(pC/) BGRS-D AS SR/Y-90
MINERAL CREEK (CONTINUED)										
15E20775	0.0000B	30.0000	400.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15F20775	0.0000B	25.0000	40.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15G20775	0.0000B	28.0000	20.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
ROCK CREEK NEAR DILLON, COLORADO (LAT 39 43 23 LONG 106 07 41)										
16A10775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
16A20775	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(pC/) BGRS-TL AS SR/Y-90	(pC/) BGRS-S AS SR/Y-90	(pC/) BGRS-D AS CS-137	(pC/) BGRS-TL AS CS-137	(pC/) BGRS-S AS CS-137	(PPB) BI-D	(PPB) BI-TL	(PPB) BI-S	(PPB) BI-TR	(PPM) CA-D
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)									
01A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	9.7000
01A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	11.4000
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)									
02A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	200.0000L	240.0000L	17.7000
02A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	1000.0000L	1040.0000L	18.2000
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)									
03A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	0.0000B
	PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)									
04A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	200.0000L	240.0000L	51.0000
04A30575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	52.7000
04A50575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	52.7000
04A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	50.7000
04A40575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	50.0000
04A60575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	55.7000
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)									
05A10575	4.6000	0.0000B	0.0000B	5.8000	0.0000B	40.0000L	40.0000L	100.0000L	140.0000L	7.6000
05A20575	5.8000	0.0000B	0.0000B	7.9000	3.6000	40.0000L	40.0000L	80.0000L	80.0000L	8.6000
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)									
06A10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	27.8000
06A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	27.6000
	RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)									
07A10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	5000.0000L	5040.0000L	127.9000
07A70675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	146.4000
07A50675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	133.8000
07A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	130.3000
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)									
08A10675	3.8000	0.0000B	0.0000B	4.7000	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	14.1000
08A30675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	14.7000
08A50675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	14.2000
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	4.0000	0.0000B	0.0000B	4.5000	0.0000B	40.0000L	40.0000L	80.0000L	80.0000L	15.0000
08A40675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	15.5000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(pC/) BGRS-TL AS SR/Y-90	(pC/) BGRS-S AS SR/Y-90	(pC/) BGRS-D AS CS-137	(pC/) BGRS-TL AS CS-137	(pC/) BGRS-S AS CS-137	(PPB) BI-D	(PPB) BI-TL	(PPB) BI-S	(PPB) BI-TR	(PPM) CA-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	14.8000
08B20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	80.0000L	80.0000L	0.0000B
08C20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	80.0000L	80.0000L	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO (LAT 39 21 21 LONG 104 45 46)								
09A10775	4.4000	0.4000L	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	26.0000
09A30775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	31.9000
09A50775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	32.4000
09A20775	5.1000	0.4000L	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	33.6000
09A40775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	33.6000
09A60775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	33.5000
		HUERFANO RIVER NEAR REDWING, COLORADO (LAT 37 43 40 LONG 105 21 03)								
10A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	14.8000
10A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	76.9000
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO (LAT 35 55 00 LONG 105 09 49)								
11A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	62.6000
11A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	40.0000L	0.0000B	0.0000B	66.2000
		RED RIVER NEAR QUESTA, NEW MEXICO (LAT 36 42 12 LONG 105 34 04)								
12A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	27.9000
12A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	28.7000
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO (LAT 36 20 59 LONG 106 02 37)								
13A10775	11.0000	1.1000	12.0000	14.0000	1.2000	40.0000L	40.0000L	0.0000B	0.0000B	34.8000
13A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	76.9000
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO (LAT 35 39 42 LONG 106 44 34)								
14A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	43.6000
14A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	39.2000
		MINERAL CREEK ABOVE SILVERTON, COLORADO (LAT 37 51 04 LONG 107 43 31)								
15D10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	12.8000
15D20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	40.0000L	12.5000
15F10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	8.0000
15F10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	7.3000
15G10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	7.4000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(pC/) BGRS-TL AS SR/Y-90	(pC/) BGRS-S AS SR/Y-90	(pC/) BGRS-D AS CS-137	(pC/) BGRS-TL AS CS-137	(pC/) BGRS-S AS CS-137	(PPB) BI-D	(PPB) BI-TL	(PPB) BI-S	(PPB) BI-TR	(PPM) CA-D
		MINERAL CREEK (CONTINUED)								
15E20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	9.8000
15F20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	10.7000
15G20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	37.1000
		ROCK CREEK NEAR DILLON, COLORADO					(LAT 39 43 23 LONG 106 07 41)			
16A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	5.5000
16A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	5.6000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) CA-TL	(PPM) CA-S	(PPM) CA-TR	(PPB) CD-D	(PPB) CD-TL	(PPB) CD-S	(PPB) CD-TR	(PPB) CO-D	(PPB) CO-TL	(PPB) CO-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	15.8000	0.3000L	15.8000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	80.0000L	80.0000L
01A20575	14.7000	0.1000	14.8000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	80.0000L	80.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	121.2000	226.0000	347.2000	4.0000L	4.0000L	7000.0000L	7000.0000L	80.0000	80.0000L	900.0000
02A20575	596.5000	22.0000	618.5000	4.0000L	4.0000L	4000.0000L	4000.0000L	80.0000L	80.0000L	500.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	49.5000	0.2000	49.7000	0.0000B	4.0000L	4.0000L	8.0000L	0.0000B	80.0000L	80.0000L
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	67.8000	0.6000	68.4000	4.0000L	4.0000L	700.0000L	700.0000L	80.0000L	80.0000L	90.0000L
04A30575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000	0.0000B	0.0000B
04A20575	67.8000	0.2000	68.0000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	80.0000L	80.0000L
04A40575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000L	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	8.4000	0.8000	8.4000	4.0000L	4.0000L	300.0000L	300.0000L	80.0000	80.0000L	40.0000L
05A20575	9.5000	0.9000L	9.5000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	80.0000L	80.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	35.4000	5.0000	40.4000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000L	80.0000L	80.0000L
06A20675	49.0000	1.4000	50.4000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	80.0000L	80.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	233.1000	356.0000	589.1000	4.0000L	4.0000L	22000.0000L	22000.0000L	80.0000	80.0000L	0.0000B
07A70675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	21000.0000L	80.0000	0.0000B	0.0000B
07A20675	580.9000	84.0000	664.9000	4.0000L	4.0000L	21000.0000L	21000.0000L	80.0000	260.0000	0.0000B
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	14.3000	0.1000	14.4000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000L	80.0000L	80.0000L
08A30675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000L	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000L	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	16.6000	0.1000L	16.6000	4.0000L	4.0000L	4.0000L	8.0000L	80.0000L	80.0000L	80.0000L
08A40675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000L	0.0000B	0.0000B

SAMPLE	(PPM) CA-TL	(PPM) CA-S	(PPM) CA-TR	(PPB) CD-D	(PPB) CD-TL	(PPB) CD-S	(PPB) CD-TR	(PPB) CO-D	(PPB) CO-TL	(PPB) CO-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	80.0000L	0.0000B	0.0000B
08B20675	22.9000	0.1000L	22.9000	0.0000B	4.0000L	4.0000L	8.0000L	0.0000B	80.0000L	80.0000L
08C20675	31.0000	0.1000L	31.0000	0.0000B	4.0000L	4.0000L	8.0000L	0.0000B	80.0000L	80.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	31.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A30775	0.0000B	0.0000B	0.0000B	14.0000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A50775	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A20775	32.4000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A40775	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	15.9000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
10A20775	17.5000	0.0000B	0.0000B	10.0000	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	68.1000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
11A20775	68.1000	0.0000B	44.0000	4.0000	4.0000L	0.0000B	10.0000L	50.0000L	0.0000B	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	28.4000	0.0000B	0.0000B	17.0000	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
12A20775	28.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	78.5000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13A20775	50.4000	0.0000B	51.0000	4.0000L	4.0000L	0.0000B	10.0000	0.0000B	0.0000B	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	46.1000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
14A20775	77.4000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	13.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15D20775	12.6000	0.0000B	8.2000	10.0000	4.0000L	0.0000B	20.0000	1.0000L	0.0000B	0.0000B
15F10775	8.9000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F10775	7.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G10775	7.3000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) CA-TL	(PPM) CA-S	(PPM) CA-TR	(PPB) CD-D	(PPB) CD-TL	(PPB) CD-S	(PPB) CD-TR	(PPB) CO-D	(PPB) CO-TL	(PPB) CO-S
		MINERAL CREEK (CONTINUED)								
15E20775	44.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F20775	52.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G20775	8.5000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	5.5000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
16A20775	5.7000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) CD-TR	(PPB) CR-D	(PPB) CR-TL	(PPB) CR-S	(PPB) CR-TR	(PPB) CU-D	(PPB) CU-TL	(PPB) CU-S	(PPB) CU-TR	(PPM) FE-D
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	160.0000L	4.0000L	4.0000L	4.0000L	8.0000L	40.0000L	20.0000	20.0000L	27.0000	0.3000
01A20575	160.0000L	10.0000	4.0000L	4.0000L	8.0000L	40.0000L	140.0000	20.0000L	147.0000	0.1500
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	980.0000L	4.0000L	100.0000	3600.0000	3700.0000	40.0000L	20.0000L	900.0000L	900.0000L	0.1000
02A20575	580.0000L	4.0000L	10.0000	1900.0000	1910.0000	40.0000L	20.0000L	500.0000L	500.0000L	1.5000
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	160.0000L	0.0000B	10.0000	4.0000L	11.0000	0.0000B	20.0000L	20.0000L	40.0000L	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	170.0000L	4.0000L	10.0000	400.0000	410.0000	40.0000L	20.0000L	100.0000L	120.0000L	0.0400L
04A30575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.1600
04A50575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0400L
04A20575	160.0000L	4.0000L	10.0000	4.0000L	11.0000	40.0000L	20.0000L	20.0000L	40.0000L	0.0400L
04A40575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0300
04A60575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0700
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	120.0000L	4.0000L	4.0000L	100.0000	100.0000	40.0000L	20.0000L	40.0000	47.0000	0.0500
05A20575	160.0000L	4.0000L	4.0000L	4.0000L	8.0000L	40.0000L	20.0000L	20.0000L	40.0000L	0.0500
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	160.0000L	4.0000L	4.0000L	4.0000L	8.0000L	40.0000L	20.0000L	20.0000L	40.0000L	1.3000
06A20675	160.0000L	4.0000L	10.0000	4.0000L	11.0000	40.0000L	20.0000L	20.0000L	40.0000L	0.0400L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	0.0000B	4.0000L	40.0000	6500.0000	6540.0000	40.0000L	40.0000	3040.0000L	3040.0000L	0.0400L
07A70675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0400L
07A80675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0400L
07A20675	0.0000B	4.0000L	130.0000	10000.0000	10130.0000	40.0000L	390.0000	3000.0000L	3390.0000L	0.6000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	160.0000L	4.0000L	4.0000L	4.0000L	8.0000L	20.0000L	40.0000L	20.0000L	60.0000L	0.2000
08A30675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.0800
08A50675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.1000
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	160.0000L	4.0000L	4.0000L	4.0000L	8.0000L	80.0000	40.0000L	20.0000L	60.0000L	0.2000
08A40675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.0700

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) CO-TR	(PPB) CR-D	(PPB) CR-TL	(PPB) CR-S	(PPB) CR-TR	(PPB) CU-D	(PPB) CU-TL	(PPB) CU-S	(PPB) CU-TR	(PPM) FE-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.1000
08B20675	160.0000L	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	40.0000L	20.0000L	60.0000L	0.0000B
08C20675	160.0000L	0.0000B	4.0000L	4.0000L	8.0000L	0.0000B	40.0000L	20.0000L	60.0000L	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.0400L
09A30775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	60.0000	0.0000B	0.0000B	0.0000B	1.0500
09A50775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	1.4000
09A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.1000
09A40775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	2.1200
09A60775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	3.5000
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.0400L
10A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.1000
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.0400L
11A20775	50.0000L	4.0000L	4.0000L	0.0000B	10.0000	20.0000L	0.0000B	0.0000B	10.0000	0.0700
		RED RIVER NEAR CUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.0400L
12A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.0400L
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	0.0400L
13A20775	50.0000	4.0000L	4.0000L	0.0000B	10.0000	20.0000L	0.0000B	0.0000B	30.0000	0.2600
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	30.0000	0.0000B	0.0000B	0.0400L
14A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.0400L
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0400L
15D20775	50.0000L	4.0000L	4.0000L	0.0000B	10.0000L	60.0000	80.0000	0.0000B	120.0000	0.0400L
15E10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	80.0000	40.0000	0.0000B	0.0000B	0.0400L
15F10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	60.0000	100.0000	0.0000B	0.0000B	0.0400L
15G10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	10.0000	70.0000	0.0000B	0.0000B	0.0400L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) CO-TR	(PPB) CR-D	(PPB) CR-TL	(PPB) CR-S	(PPB) CR-TR	(PPB) CU-D	(PPB) CU-TL	(PPB) CU-S	(PPB) CU-TR	(PPM) FE-D
		MINERAL CREEK (CONTINUED)								
15F20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000	100.0000	0.0000B	0.0000B	0.1000
15F20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	40.0000	100.0000	0.0000B	0.0000B	0.0800
15G20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	60.0000	100.0000	0.0000B	0.0000B	0.1100
		ROCK CREEK NEAR DILLON, COLORADO					(LAT 39 43 23 LONG 106 07 41)			
16A10775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	0.1000
16A20775	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) FE-TL	(PPM) FE-S	(PPM) FE-TR	(PPB) GA-D	(PPB) GA-TL	(PPB) GA-S	(PPB) GA-TR	(PPB) GE-D	(PPB) GE-TL	(PPB) GE-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO			(LAT 37 15 58 LONG 107 00 37)					
01A10575	0.1200	1.4000	1.5200	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
01A20575	0.8700	0.9000	1.7700	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA			(LAT 56 38 LONG 109 42 36)					
02A10575	17.0560	564.0000	4.1700	4.0000L	4.0000L	2000.0000L	2000.0000L	4.0000L	4.0000L	2000.0000L
02A20575	70.0340	344.0000	4.7000	4.0000L	4.0000L	1000.0000L	1000.0000L	4.0000L	4.0000L	1000.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ			(36 56 38 LONG 109 42 36)					
03A10575	0.2000	0.2000	0.4000	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B	4.0000L	4.0000L
		PARIA RIVER ABOVE LEES FERRY, ARIZONA			(LAT 36 52 20 LONG 111 35 38)					
04A10575	0.1300	6.0000	6.1300	4.0000L	4.0000L	200.0000L	200.0000L	4.0000L	4.0000L	200.0000L
04A30575	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A50575	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A20575	1.5000	5.9000	7.4000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
04A40575	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A60575	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA			(LAT 35 17 03 LONG 112 09 43)					
05A10575	0.6200	4.0000	4.6200	4.0000L	4.0000L	100.0000L	100.0000L	4.0000L	4.0000L	100.0000L
05A20575	2.0000	4.1000	6.1000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM			(LAT 35 05 21 LONG 106 40 48)					
06A10675	0.6200	12.4000	11.7200	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
06A20675	2.1000	11.6000	13.7000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO			(LAT 34 47 38 LONG 106 59 20)					
07A10675	0.8000	1944.0000	1900.0000	4.0000L	4.0000L	5000.0000L	5000.0000L	4.0000L	4.0000L	5000.0000L
07A70675	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
07A80675	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
07A20675	13.0000L	2052.0000	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM			(LAT 35 49 39 LONG 106 38 52)					
08A10675	0.2500	0.4000	0.6500	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
08A30675	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08A50675	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B10675	0.00008	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.00008	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	0.7000	0.2000	0.9000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L	4.0000L	4.0000L
08A40675	0.00008	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) FE-TL	(PPM) FE-S	(PPM) FE-TR	(PPB) GA-D	(PPB) GA-TL	(PPB) GA-S	(PPB) GA-TR	(PPB) GE-D	(PPB) GE-TL	(PPB) GE-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.2000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B20675	1.0000	0.2000	1.2000	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B	4.0000L	4.0000L
08C20675	0.4000	0.0200L	0.8000	0.0000B	4.0000L	4.0000L	4.0000L	0.0000B	4.0000L	4.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.4000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09B30775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A50775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A20775	0.0900	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09B30775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.6200	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
10A20775	0.2400	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.1200	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
11A20775	1.2000	0.0000B	3.1000	0.8000L	0.0000B	0.0000B	0.0000B	3.0000L	0.0000B	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.2500	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
12A20775	2.2000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.1500	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13A20775	0.1800	0.0000B	0.5000	2.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.2800	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
14A20775	0.5600	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0400L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15D20775	0.8800	0.0000B	0.9600	0.1000L	0.0000B	0.0000B	0.0000B	0.1000L	0.0000B	0.0000B
15E10775	0.0700	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F10775	0.2400	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G10775	0.1200	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) FE-TL	(PPM) FE-S	(PPM) FE-TR	(PPB) GA-D	(PPB) GA-TL	(PPB) GA-S	(PPB) GA-TR	(PPB) GE-D	(PPB) GE-TL	(PPB) GE-S
			MINERAL CREEK (CONTINUED)							
15E20775	0.6000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F20775	0.6000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G20775	0.9000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
			ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)			
16A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
16A20775	0.1500	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) GE-TR	(PPB) GRSA-D AS U NATURAL	(PPB) GRSA-TL AS U NATURAL	(PPB) GRSA-S AS U NATURAL	(PPB) HG-D	(PPB) HG-TL	(PPB) HG-TR	(PPB) IN-D	(PPB) IN-TL	(PPB) IN-S
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)									
01A10575	8.0000L	0.0000B	0.0000B	0.0000B	17.0000	0.4000	0.0000B	4.0000L	4.0000L	4.0000L
01A20575	8.0000L	0.0000B	0.0000B	0.0000B	10.8000	2.2000	0.0000B	4.0000L	4.0000L	4.0000L
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)									
02A10575	2000.0000L	0.0000B	0.0000B	0.0000B	0.2000L	10.0000	0.0000B	4.0000L	4.0000L	4000.0000L
02A20575	1000.0000L	0.0000B	0.0000B	0.0000B	0.6000	2.2000	0.0000B	4.0000L	4.0000L	1000.0000L
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)									
03A10575	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	40.0000L	4.0000L
	PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)									
04A10575	200.0000L	0.0000B	0.0000B	0.0000B	2.5000	0.4000	0.0000B	4.0000L	4.0000L	400.0000L
04A30575	0.0000B	0.0000B	0.0000B	0.0000B	0.2000L	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A20575	8.0000L	0.0000B	0.0000B	0.0000B	10.5000	17.0000	0.0000B	4.0000L	4.0000L	4.0000L
04A40575	0.0000B	0.0000B	0.0000B	0.0000B	1.2000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	0.0000B	0.8000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)									
05A10575	100.0000L	0.0000B	1.3000	0.0000B	0.2000L	10.5000	0.0000B	4.0000L	4.0000L	200.0000L
05A20575	8.0000L	0.0000B	1.9000L	0.0000B	0.8000	2.0000	0.0000B	4.0000L	4.0000L	4.0000L
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)									
06A10675	8.0000L	0.0000B	0.0000B	0.0000B	0.4000	2.5000	0.0000B	4.0000L	4.0000L	4.0000L
06A20675	8.0000L	0.0000B	0.0000B	0.0000B	0.4000	0.2000L	0.0000B	4.0000L	4.0000L	4.0000L
	RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)									
07A10675	5000.0000L	0.0000B	0.0000B	0.0000B	0.4000	0.4000	0.0000B	4.0000L	4.0000L	10000.0000L
07A70675	0.0000B	0.0000B	0.0000B	0.0000B	5.2000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	0.0000B	0.8000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
07A20675	8.0000L	0.0000B	0.0000B	0.0000B	3.8000	2.2000	0.0000B	4.0000L	4.0000L	4.0000L
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)									
08A10675	8.0000L	0.0000B	1.3000L	0.0000B	0.4000	5.0000	0.0000B	4.0000L	4.0000L	4.0000L
08A30675	0.0000B	0.0000B	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	0.0000B	0.5000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	8.0000L	0.0000B	2.2000	0.0000B	0.4000	0.4000	0.0000B	4.0000L	4.0000L	4.0000L
08A40675	0.0000B	0.0000B	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B

SAMPLE	(PPB) GE-TR	(PPB) GRSA-D AS U NATURAL	(PPB) GRSA-TL AS U NATURAL	(PPB) GRSA-S AS U NATURAL	(PPB) HG-D	(PPB) HG-TL	(PPB) HG-TR	(PPB) IN-D	(PPB) IN-TL	(PPB) IN-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	0.0000B	13.2000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B20675	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	4.0000L	4.0000L
08C20675	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	5.0000	0.0000B	0.0000B	4.0000L	4.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	3.7000	4.0000	0.4000L	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
09A30775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A50775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A20775	0.0000B	5.0000L	7.6000	0.4000L	3.0000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A40775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	0.0000B	1.0000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
10A20775	0.0000B	0.0000B	0.0000B	0.0000B	1.2000	0.8000	0.0000B	4.0000L	4.0000L	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	0.0000B	0.0000B	0.0000B	1.5000	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
11A20775	0.0000B	0.0000B	0.0000B	0.0000B	2.1000	0.5000L	0.1000L	4.0000L	4.0000L	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	0.0000B	0.0000B	0.0000B	0.8000	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
12A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.6000	1.3000	0.0000B	4.0000L	4.0000L	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	38.0000	41.0000	0.4000L	2.1000	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
13A20775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.1000L	4.0000L	4.0000L	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	0.0000B	0.0000B	0.0000B	2.2000	2.3000	0.0000B	4.0000L	4.0000L	0.0000B
14A20775	0.0000B	0.0000B	0.0000B	0.0000B	1.3000	1.1000	0.0000B	4.0000L	4.0000L	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	1.0000	0.0000B	4.0000L	4.0000L	0.0000B
15D20775	0.0000B	0.0000B	0.0000B	0.0000B	1.0000	0.5000L	0.1000L	4.0000L	4.0000L	0.0000B
15E10775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
15F10775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
15G10775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B

SAMPLE	(PPB) GE-TR	(PPB) GRSA-D AS U NATURAL	(PPB) GRSA-TL AS U NATURAL	(PPB) GRSA-S AS U NATURAL	(PPB) HG-D	(PPB) HG-TL	(PPB) HG-TR	(PPB) IN-D	(PPB) IN-TL	(PPB) IN-S
			MINERAL CREEK (CONTINUED)							
15E20775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
15F20775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
15G20775	0.0000B	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B
			ROCK CREEK NEAR DILLON, COLORADO			(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	0.0000B	0.0000B	0.0000B	1.2000	0.8000	0.0000B	4.0000L	4.0000L	0.0000B
16A20775	0.0000B	0.0000B	0.0000B	0.0000B	2.9000	2.9000	0.0000B	0.0000B	4.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) IN-TR	(PPM) K-D	(PPM) K-TL	(PPM) K-S	(PPM) K-TR	(PPB) LI-D	(PPB) LI-TL	(PPB) LI-S	(PPB) LI-TR	(PPM) MG-D
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	8.0000L	1.0000	1.0000	0.4000	1.4000	8.0000L	8.0000	8.0000L	11.0000	1.3000
01A20575	8.0000L	0.9000	1.0000	0.4000	1.4000	8.0000L	8.0000L	8.0000L	16.0000L	1.4000
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	4000.0000L	2.8000	4.3000	191.0000	195.3000	18.0000	30.0000	622.0000	652.0000	4.0000
02A20575	1000.0000L	3.3000	7.2000	111.0000	118.2000	19.0000	56.0000	278.0000	334.0000	4.2000
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	4.0000L	0.0000B	14.0000	0.1000	14.1000	0.0000B	30.0000	8.0000L	0.0000B	0.0000
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	400.0000L	3.6000	3.6000	1.8000	5.4000	25.0000	26.0000	8.0000L	29.0000	24.6000
04A30575	0.0000B	3.9000	0.0000B	0.0000B	0.0000B	27.0000	0.0000B	0.0000B	0.0000B	25.9000
04A50575	0.0000B	4.0000	0.0000B	0.0000B	0.0000B	29.0000	0.0000B	0.0000B	0.0000B	27.1000
04A20575	8.0000L	3.6000	3.6000	1.4000	5.0000	25.0000	27.0000	12.0000	39.0000	25.0000
04A40575	0.0000B	4.0000	0.0000B	0.0000B	0.0000B	27.0000	0.0000B	0.0000B	0.0000B	26.0000
04A60575	0.0000B	4.3000	0.0000B	0.0000B	0.0000B	29.0000	0.0000B	0.0000B	0.0000B	27.3000
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	200.0000L	2.0000	2.0000	0.3000	2.3000	8.0000L	8.0000L	8.0000L	16.0000L	2.5000
05A20575	8.0000L	2.1000	2.2000	0.3000	2.5000	8.0000L	8.0000L	8.0000L	16.0000L	2.8000
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	8.0000L	2.4000	2.8000	2.6000	5.4000	23.0000	22.0000	12.0000	34.0000	4.2000
06A20675	8.0000L	2.6000	3.0000	2.4000	5.4000	22.0000	26.0000	12.0000	38.0000	4.3000
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	10000.0000L	6.2000	9.0000	362.0000	371.0000	108.0000	127.0000	1730.0000	1857.0000	36.6000
07A70675	0.0000B	8.8000	0.0000B	0.0000B	0.0000B	164.0000	0.0000B	0.0000B	0.0000B	44.0000
07A80675	0.0000B	9.0000	0.0000B	0.0000B	0.0000B	151.0000	0.0000B	0.0000B	0.0000B	41.1000
07A20675	8.0000L	8.2000	22.0000	356.0000	378.0000	108.0000	525.0000	1510.0000	2035.0000	37.0000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	8.0000L	2.7000	2.7000	0.1000L	2.7000	43.0000	43.0000	8.0000L	46.0000	1.7000
08A30675	0.0000B	2.8000	0.0000B	0.0000B	0.0000B	42.0000	0.0000B	0.0000B	0.0000B	2.1000
08A50675	0.0000B	2.8000	0.0000B	0.0000B	0.0000B	41.0000	0.0000B	0.0000B	0.0000B	2.0000
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000
08C10675	0.0000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000
08A20675	8.0000L	2.8000	2.8000	0.1000L	2.8000	39.0000	44.0000	8.0000L	47.0000	2.3000
08A40675	0.0000B	2.8000	0.0000B	0.0000B	0.0000B	43.0000	0.0000B	0.0000B	0.0000B	2.2000

SAMPLE	(PPB) IN-TR	(PPM) K-D	(PPM) K-TL	(PPM) K-S	(PPM) K-TR	(PPB) LI-D	(PPB) LI-TL	(PPB) LI-S	(PPB) LI-TR	(PPM) MG-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	2.7000	0.0000B	0.0000B	0.0000B	42.0000	0.0000B	0.0000B	0.0000B	2.3000
08B20675	4.0000L	0.0000B	2.9000	0.1000L	0.0000B	0.0000B	45.0000	8.0000L	45.0000	0.0000B
08C20675	4.0000L	0.0000B	2.9000	0.1000L	0.0000B	0.0000B	45.0000	8.0000L	45.0000	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	3.1000	3.1000	0.0000B	0.0000B	9.0000	10.0000	0.0000B	0.0000B	5.3000
09A30775	0.0000B	3.0000	0.0000B	0.0000B	0.0000B	11.0000	0.0000B	0.0000B	0.0000B	5.3000
09A50775	0.0000B	3.1000	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	5.3000
09A20775	0.0000B	3.2000	3.1000	0.0000B	0.0000B	10.0000	11.0000	0.0000B	0.0000B	5.3000
09A40775	0.0000B	3.0000	0.0000B	0.0000B	0.0000B	11.0000	0.0000B	0.0000B	0.0000B	5.6000
09A60775	0.0000B	3.2000	0.0000B	0.0000B	0.0000B	11.0000	0.0000B	0.0000B	0.0000B	5.5000
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	0.5000	0.2000	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	3.2000
10A20775	0.0000B	0.5000	0.4000	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	3.1000
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	2.9000	2.5000	0.0000B	0.0000B	13.0000	12.0000	0.0000B	0.0000B	16.8000
11A20775	0.0000B	2.2000	2.8000	0.0000B	3.5000	13.0000	13.0000	0.0000B	10.0000L	16.7000
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	0.8000	0.6000	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	4.2000
12A20775	0.0000B	0.8000	0.5000	0.0000B	0.0000B	8.0000	8.0000L	0.0000B	0.0000B	4.5000
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	7.1000	6.9000	0.0000B	0.0000B	160.0000	160.0000	0.0000B	0.0000B	21.1000
13A20775	0.0000B	6.3000	8.3000	0.0000B	6.3000	160.0000	430.0000	0.0000B	100.0000	21.3000
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	8.1000	8.0000	0.0000B	0.0000B	440.0000	400.0000	0.0000B	0.0000B	4.8000
14A20775	0.0000B	8.0000	6.8000	0.0000B	0.0000B	430.0000	160.0000	0.0000B	0.0000B	4.9000
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.4000
15D20775	0.0000B	0.1000L	0.1000L	0.0000B	0.3000	8.0000L	8.0000L	0.0000B	10.0000L	1.3000
15E10775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.4000
15F10775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.5000
15G10775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.9000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) IN-TR	(PPM) K-D	(PPM) K-TL	(PPM) K-S	(PPM) K-TR	(PPB) LI-D	(PPB) LI-TL	(PPB) LI-S	(PPB) LI-TR	(PPM) MG-D
		MINERAL CREEK (CONTINUED)								
15F20775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.9000
15F20775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.4000
15G20775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.5000
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.1000
16A20775	0.0000B	0.1000L	0.1000L	0.0000B	0.0000B	8.0000L	8.0000L	0.0000B	0.0000B	1.3000

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) MG-TL	(PPM) MG-S	(PPM) MG-TR	(PPB) MN-D	(PPB) MN-TL	(PPB) MN-S	(PPB) MN-TR	(PPB) MO-D	(PPB) MO-TL	(PPB) MO-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	2.5000	0.3000	2.8000	10.0000	20.0000	4.0000L	21.0000	4.0000L	4.0000L	4.0000L
01A20575	2.0000	0.3000	2.3000	10.0000	30.0000	4.0000L	31.0000	5.0000	4.0000L	4.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	16.6000	373.0000	389.6000	4.0000	850.0000	14000.0000	14850.0000	30.0000	30.0000	400.0000L
02A20575	46.2000	178.0000	224.2000	20.0000	1400.0000	4300.0000	5700.0000	5.0000	7.0000	1000.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	18.4000	0.1000	18.5000	0.0000B	30.0000	4.0000L	31.0000	0.0000B	10.0000	4.0000L
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	28.6000	2.1000	30.7000	4.0000L	20.0000	400.0000	420.0000	4.0000L	5.0000	40.0000L
04A30575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A20575	32.1000	1.6000	33.7000	4.0000	50.0000	4.0000L	51.0000	4.0000L	4.0000L	4.0000L
04A40575	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	2.7000	0.6000	3.3000	4.0000L	40.0000	300.0000	340.0000	4.0000L	5.0000	20.0000L
05A20575	3.0000	0.5000	3.5000	15.0000	100.0000	4.0000L	100.0000	4.0000L	4.0000L	4.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	4.4000	3.7000	8.1000	10.0000	10.0000	10.0000	20.0000	30.0000	5.0000	4.0000L
06A20675	6.6000	2.8000	9.4000	4.0000L	210.0000	8.0000	218.0000	4.0000L	20.0000	4.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	62.6000	594.0000	656.6000	4.0000L	10000.0000	27000.0000	37000.0000	4.0000L	20.0000	1000.0000L
07A70675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B
07A20675	208.5000	540.0000	748.5000	10.0000	13000.0000	16000.0000	29000.0000	30.0000	4.0000L	1000.0000L
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	2.6000	0.1000L	2.0000	20.0000	15.0000	4.0000L	16.0000	4.0000L	5.0000	4.0000L
08A30675	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	2.3000	0.1000L	2.3000	20.0000	20.0000	4.0000L	21.0000	4.0000L	4.0000	4.0000L
08A40675	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) MG-TL	(PPM) MG-S	(PPM) MG-TR	(PPB) MN-D	(PPB) MN-TL	(PPB) MN-S	(PPB) MN-TR	(PPB) MO-D	(PPB) MO-TL	(PPB) MO-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
08B20675	2.6000	0.1000L	2.6000	0.0000B	100.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L
08C20675	3.0000	0.1000L	2.6000	0.0000B	100.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	4.7000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
09A30775	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A50775	0.0000B	0.0000B	0.0000B	30.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A20775	5.4000	0.0000B	0.0000B	4.0000L	4.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
09A40775	0.0000B	0.0000B	0.0000B	30.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	60.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	3.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
10A20775	3.1000	0.0000B	0.0000B	4.0000L	10.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	17.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
11A20775	17.1000	0.0000B	16.0000	35.0000	150.0000	0.0000B	210.0000	4.0000L	4.0000L	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	4.5000	0.0000B	0.0000B	50.0000	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
12A20775	5.2000	0.0000B	0.0000B	13.0000	60.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	21.6000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
13A20775	4.9000	0.0000B	16.0000	39.0000	20.0000	0.0000B	60.0000	1.0000L	4.0000L	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	4.9000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
14A20775	21.9000	0.0000B	0.0000B	4.0000L	40.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	1.4000	0.0000B	0.0000B	40.0000	20.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
15D20775	1.3000	0.0000B	19.0000	60.0000	120.0000	0.0000B	140.0000	4.0000L	4.0000L	0.0000B
15E10775	8.9000	0.0000B	0.0000B	200.0000	80.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
15F10775	7.2000	0.0000B	0.0000B	140.0000	120.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
15G10775	1.7000	0.0000B	0.0000B	200.0000	80.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) MG-TL	(PPM) MG-S	(PPM) MG-TR	(PPB) MN-D	(PPB) MN-TL	(PPB) MN-S	(PPB) MN-TR	(PPB) MO-D	(PPB) MO-TL	(PPB) MO-S
			MINERAL CREEK (CONTINUED)							
15E20775	1.7000	0.0000B	0.0000B	80.0000	200.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
15F20775	1.7000	0.0000B	0.0000B	150.0000	300.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
15G20775	1.9000	0.0000B	0.0000B	140.0000	200.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
			ROCK CREEK NEAR DILLON, COLORADO			(LAT 39 43 23 LONG 106 07 41)				
16A10775	1.2000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B
16A20775	1.2000	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) MO-TR	(PPM) NA-D	(PPM) NA-TL	(PPM) NA-S	(PPM) NA-TR	(PPB) NB-D	(PPB) NB-TL	(PPB) NB-S	(PPB) NB-TR	(PPB) NI-D
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	8.0000L	4.7000	6.5000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
01A20575	8.0000L	4.6000	4.8000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	430.0000L	161.3000	132.9000	0.0000B	0.0000B	30.0000	4.0000L	9000.0000L	9000.0000L	16.0000L
02A20575	1007.0000L	218.9000	161.3000	0.0000B	0.0000B	4.0000L	4.0000L	1000.0000L	1000.0000L	16.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	11.0000	0.0000B	631.5000	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	45.0000L	91.9000	92.5000	0.0000B	0.0000B	4.0000L	4.0000L	400.0000L	400.0000L	16.0000L
04A30575	0.0000B	117.1000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
04A50575	0.0000B	100.8000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
04A20575	8.0000L	100.1000	103.2000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
04A40575	0.0000B	95.1000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
04A60575	0.0000B	119.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	25.0000L	2.9000	2.8000	0.0000B	0.0000B	4.0000L	4.0000L	200.0000L	200.0000L	16.0000L
05A20575	8.0000L	2.9000	2.8000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	6.0000	13.1000	14.5000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	40.0000
06A20675	11.0000	12.8000	14.8000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	1020.0000L	512.9000	574.0000	0.0000B	0.0000B	4.0000L	4.0000L	10000.0000L	10000.0000L	16.0000L
07A70675	0.0000B	0.0000B	985.3000	0.0000B	0.0000B	4.0000L	0.0000	0.0000B	0.0000B	16.0000L
07A80675	0.0000B	0.0000B	455.1000	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
07A20675	1000.0000L	511.0000	530.4000	0.0000B	0.0000B	4.0000L	4.0000L	10000.0000L	10000.0000L	40.0000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	6.0000	9.9000	10.2000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
08A30675	0.0000B	9.7000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	16.0000L
08A50675	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	5.0000	10.0000	10.2000	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	16.0000L
08A40675	0.0000B	9.9000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L

SAMPLE	(PPB) MO-TR	(PPM) NA-D	(PPM) NA-TL	(PPM) NA-S	(PPM) NA-TR	(PPB) NB-D	(PPB) NB-TL	(PPB) NB-S	(PPB) NB-TR	(PPB) NI-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	10.1000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	16.0000L
08B20675	0.0000B	0.0000B	11.0000	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
08C20675	0.0000B	0.0000B	11.2000	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	11.5000	10.9000	0.5000L	10.9000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
09A30775	0.0000B	11.3000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
09A50775	0.0000B	11.4000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
09A20775	0.0000B	11.6000	11.3000	0.5000L	11.3000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
09A40775	0.0000B	11.5000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
09A60775	0.0000B	12.1000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	3.2000	2.9000	0.5000L	2.9000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
10A20775	0.0000B	3.2000	3.2000	0.5000L	3.2000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	24.9000	0.0000B	0.5000	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
11A20775	1.0000	24.8000	0.0000B	0.5000	25.0000	4.0000L	4.0000L	0.0000B	0.0000B	210.0000
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	2.7000	2.8000	1.3000	4.1000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
12A20775	0.0000B	2.9000	2.9000	0.9000	3.8000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
13A20775	1.0000L	64.0000	0.0000B	0.5000L	61.0000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
14A20775	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	1.0000	1.0000	0.5000L	1.5000L	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15D20775	1.0000L	1.0000	1.1000	0.5000L	1.6000L	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15E10775	0.0000B	1.1000	1.0000	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15F10775	0.0000B	1.0000	1.0000	0.5000L	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15G10775	0.0000B	1.1000	1.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) MO-TR	(PPM) NA-D	(PPM) NA-TL	(PPM) NA-S	(PPM) NA-TR	(PPB) NB-D	(PPB) NB-TL	(PPB) NB-S	(PPB) NB-TR	(PPB) NI-D
			NIPEPAL CREEK (CONTINUED)							
15F20775	0.0000B	1.0000	1.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15F20775	0.0000B	1.0000	1.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15G20775	0.0000B	1.0000	1.1000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
			ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)			
16A10775	0.0000B	0.8000	0.7000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
16A20775	0.0000B	0.7000	0.7000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) NI-TL	(PPB) NI-S	(PPB) NI-TR	(PPM) OC-D ORGANIC C	(PPM) OC-TL ORGANIC C	(PPB) PB-D	(PPB) PB-TL	(PPB) PB-S	(PPB) PB-TR	(PPB) PD-D
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)									
01A10575	16.0000L	16.0000L	32.0000L	5.2000	2.3000	5.0000	10.0000	4.0000L	11.0000	20.0000L
01A20575	16.0000L	16.0000L	32.0000L	3.3000	4.8000	10.0000	14.0000	4.0000L	15.0000	20.0000L
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)									
02A10575	16.0000L	200.0000	200.0000	9.1000	8.9000	3.0000	20.0000	2000.0000L	2020.0000L	20.0000L
02A20575	16.0000L	1000.0000	1000.0000	10.2000	9.5000	10.0000	14.0000	1000.0000L	1014.0000L	20.0000L
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)									
03A10575	16.0000L	16.0000L	0.0000B	0.0000B	12.8000	0.0000B	10.0000	4.0000L	0.0000B	0.0000B
	PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)									
04A10575	16.0000L	300.0000	300.0000	3.1000	3.6000	5.0000	0.0000B	200.0000	0.0000B	20.0000L
04A30575	0.0000B	0.0000B	0.0000B	2.7000	0.0000B	4.0000L	5.0000	0.0000B	0.0000B	20.0000L
04A50575	0.0000B	0.0000B	0.0000B	2.4000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
04A20575	16.0000L	16.0000L	32.0000L	4.2000	4.3000	4.0000	10.0000	4.0000L	11.0000	20.0000L
04A40575	0.0000B	0.0000B	0.0000B	2.6000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
04A60575	0.0000B	0.0000B	0.0000B	3.4000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)									
05A10575	16.0000L	100.0000	106.0000	8.4000	6.0000	10.0000	10.0000	70.0000L	80.0000L	20.0000L
05A20575	16.0000L	16.0000L	32.0000L	9.0000	6.0000	10.0000	20.0000	4.0000L	21.0000	20.0000L
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)									
06A10675	16.0000L	16.0000L	32.0000L	5.0000	4.2000	10.0000	10.0000	4.0000L	11.0000	20.0000L
06A20675	16.0000L	16.0000L	32.0000L	3.5000	4.9000	4.0000L	10.0000	4.0000L	11.0000	20.0000L
	RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)									
07A10675	100.0000	5400.0000	5500.0000	7.5000	10.2000	5.0000	20.0000	5000.0000L	5020.0000L	20.0000L
07A70675	0.0000B	0.0000B	0.0000B	7.3000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
07A80675	0.0000B	0.0000B	0.0000B	8.8000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
07A20675	520.0000	5200.0000	5720.0000	13.1000	2.9000	10.0000	30.0000	5000.0000	5030.0000	20.0000L
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)									
08A10675	16.0000L	16.0000L	32.0000L	5.3000	3.7000	20.0000	5.0000	4.0000L	6.0000	20.0000L
08A30675	0.0000B	0.0000B	0.0000B	4.3000	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	20.0000L
08A50675	0.0000B	0.0000B	0.0000B	4.5000	0.0000B	8.0000	0.0000B	0.0000B	0.0000B	20.0000L
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	16.0000L	16.0000L	32.0000L	4.8000	4.1000	20.0000	8.0000	4.0000L	9.0000	20.0000L
08A40675	0.0000B	0.0000B	0.0000B	4.9000	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	20.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) NI-TL	(PPB) NI-S	(PPB) NI-TP	(PPM) OC-D ORGANIC C	(PPM) OC-TL ORGANIC C	(PPB) PB-D	(PPB) PB-TL	(PPB) PB-S	(PPB) PB-TP	(PPB) PD-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	3.7000	0.0000B	30.0000	0.0000B	0.0000B	0.0000B	20.0000L
08B20675	16.0000L	16.0000L	0.0000B	0.0000B	3.7000	0.0000B	20.0000	4.0000L	0.0000B	0.0000B
08C20675	16.0000L	16.0000L	0.0000B	0.0000B	4.6000	0.0000B	8.0000	4.0000L	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	20.0000L	0.0000B	0.0000B	7.9000	6.5000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
09A30775	0.0000B	0.0000B	0.0000B	5.2000	0.0000B	7.0000	0.0000B	0.0000B	0.0000B	20.0000L
09A50775	0.0000B	0.0000B	0.0000B	6.0000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
09A20775	20.0000L	0.0000B	0.0000B	5.2000	4.0000	4.0000L	4.0000	0.0000B	0.0000B	20.0000L
09A40775	0.0000B	0.0000B	0.0000B	5.9000	0.0000B	17.0000	0.0000B	0.0000B	0.0000B	20.0000L
09A60775	0.0000B	0.0000B	0.0000B	5.0000	0.0000B	20.0000	0.0000B	0.0000B	0.0000B	20.0000L
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	20.0000L	0.0000B	0.0000B	4.4000	2.6000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
10A20775	20.0000L	0.0000B	0.0000B	4.5000	2.8000	20.0000	4.0000L	0.0000B	0.0000B	20.0000L
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	20.0000L	0.0000B	0.0000B	10.9000	10.7000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
11A20775	20.0000L	0.0000B	50.0000	9.0000	4.8000	7.0000	4.0000L	0.0000B	100.0000	20.0000L
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	20.0000L	0.0000B	0.0000B	4.2000	4.0000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
12A20775	20.0000L	0.0000B	0.0000B	3.4000	2.1000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	20.0000L	0.0000B	0.0000B	14.4000	12.4000	0.0000B	4.0000L	0.0000B	0.0000B	20.0000L
13A20775	20.0000L	0.0000B	50.0000	7.2000	5.9000	4.0000L	4.0000L	0.0000B	100.0000	20.0000L
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	20.0000L	0.0000B	0.0000B	7.8000	6.9000	0.0000B	4.0000L	0.0000B	0.0000B	20.0000L
14A20775	20.0000L	0.0000B	0.0000B	10.5000	3.1000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	20.0000L	0.0000B	0.0000B	6.6000	2.0000L	0.0000B	4.0000L	0.0000B	0.0000B	20.0000L
15D20775	20.0000L	0.0000B	50.0000L	10.1000	2.5000	4.0000L	16.0000	0.0000B	100.0000	20.0000L
15E10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15F10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15G10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) NI-TL	(PPB) NI-S	(PPB) NI-TR	(PPM) OC-D ORGANIC C	(PPM) OC-TL ORGANIC C	(PPB) PB-D	(PPB) PB-TL	(PPB) PB-S	(PPB) PB-TR	(PPB) PD-D
		MINERAL CREEK (CONTINUED)								
15F20775	20.0000L	0.0000B	0.0000B	4.9000	4.8000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15F20775	20.0000L	0.0000B	0.0000B	4.8000	3.3000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
15G20775	20.0000L	0.0000B	0.0000B	4.3000	4.1000	4.0000L	4.0000L	0.0000B	0.0000B	20.0000L
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	20.0000L	0.0000B	0.0000B	6.6000	2.0000L	4.0000L	0.0000B	0.0000B	0.0000B	20.0000L
16A20775	20.0000L	0.0000B	0.0000B	2.6000	2.6000	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) PD-TL	(PPB) PD-S	(PPB) PD-TR	(PPB) PHOS-D AS PO4	(PPB) PHOS-TL AS PO4	(PPB) PHOS-S AS PO4	(PPB) PHOS-TR AS PO4	(pC/) RA-D RADIUM 226, RADON METHOD	(pC/) RA-TL RADON METHOD	(PPB) RB-D
	SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)									
01A10575	20.0000L	20.0000L	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	1.9000	0.0600	0.0000B
01A20575	20.0000L	20.0000L	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
	CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)									
02A10575	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.2700	0.0900	0.0000B
02A20575	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.7800	0.0000B
	CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)									
03A10575	20.0000L	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.4500	0.0000B	0.0000B
	PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)									
04A10575	20.0000L	0.0000B	0.0000B	0.0000B	0.8000	0.3000L	1.9000	0.1400	0.0900	0.0000B
04A30575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0900	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1500	0.0000B	0.0000B
04A20575	20.0000L	20.0000L	40.0000L	0.0000B	1.0000	0.0000B	0.0000B	0.1400	1.0000	0.0000B
04A40575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
	KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)									
05A10575	20.0000L	0.0000B	0.0000B	1.3000	1.2000	0.3000L	1.3000	0.0300	0.0500	0.0000B
05A20575	20.0000L	20.0000L	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1000	0.0000B
	RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)									
06A10675	20.0000L	20.0000L	40.0000L	0.0000B	2.1000	39.0000	41.1000	0.0600	0.0500	0.0000B
06A20675	20.0000L	20.0000L	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
	RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)									
07A10675	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	48.0000	0.0000B	0.0900	0.0800	0.0000B
07A70675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1100	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
07A20675	20.0000L	0.0000B	0.0000B	0.0000B	6.8000	73.0000	79.8000	0.0000B	0.3700	0.0000B
	JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)									
08A10675	20.0000L	20.0000L	40.0000L	3.1000	3.0000	0.0000B	0.0000B	0.0300	0.0300	0.0000B
08A30675	0.0000B	0.0000B	0.0000B	2.7000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	2.7000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	20.0000L	20.0000L	40.0000L	1.5000	0.6000	0.0000B	0.0000B	0.0400	0.0000B	0.0000B
08A40675	0.0000B	0.0000B	0.0000B	1.4000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) PD-TL	(PPB) PD-S	(PPB) PD-TR	(PPB) PHOS-D AS PO4	(PPB) PHOS-TL AS PO4	(PPB) PHOS-S AS PO4	(PPB) PHOS-TR AS PO4	(pC/) RA-D RADIUM 226, RADON METHOD	(pC/) RA-TL RADON METHOD	(PPB) RB-D
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	2.1000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08B20675	20.0000L	20.0000L	0.0000B	0.0000B	1.2000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C20675	20.0000L	20.0000L	0.0000B	0.0000B	2.7000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.2000	0.1300	80.0000L
09A30775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1300	0.0000B	80.0000L
09A50775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1300	0.0000B	80.0000L
09A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1600	0.2000	80.0000L
09A40775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1900	0.0000B	80.0000L
09A60775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.2800	0.0000B	80.0000L
		BUFFALO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	20.0000L	0.0000B	0.0000B	0.9000	0.0000B	0.0000B	0.0000B	0.0300	0.0200	80.0000L
10A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0300	0.0400	80.0000L
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	20.0000L	0.0000B	0.0000B	2.2000	0.0000B	0.0000B	0.0000B	0.0600	0.2900	80.0000L
11A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0600	0.2200	80.0000L
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	20.0000L	0.0000B	0.0000B	1.4000	0.0000B	0.0000B	0.0000B	0.0200	0.0200	80.0000L
12A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0300	0.0700	80.0000L
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	20.0000L	0.0000B	0.0000B	3.4000	0.0000B	0.0000B	0.0000B	0.1500	0.1300	80.0000L
13A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.1200	0.1500	80.0000L
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	20.0000L	0.0000B	0.0000B	4.6000	0.0000B	0.0000B	0.0000B	0.8000	1.0000	80.0000L
14A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.8500	0.9800	80.0000L
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	20.0000L	0.0000B	0.0000B	0.5000	0.0000B	0.0000B	0.0000B	0.0500	0.0600	80.0000L
15D20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0400	0.0800	80.0000L
15E10775	20.0000L	0.0000B	0.0000B	0.5000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L
15F10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L
15G10775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) PD-TL	(PPB) PD-S	(PPB) PD-TR	(PPB) PHOS-D AS PO4	(PPB) PHOS-TL AS PO4	(PPB) PHOS-S AS PO4	(PPB) PHOS-TR AS PO4	(pC/) RA-D RADIUM 226, RADON METHOD	(pC/) RA-TL RADIUM 226, RADON METHOD	(PPB) RB-D
			MINERAL CREEK (CONTINUED)							
15E20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L
15F20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L
15G20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	80.0000L
			ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)			
16A10775	20.0000L	0.0000B	0.0000B	0.4000	0.0000B	0.0000B	0.0000B	0.0200	0.0200	80.0000L
16A20775	20.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0100L	0.0600	0.0000B

SAMPLE	(PPB) RH-TL	(PPB) RB-S	(PPB) RB-TR	(PPB AT 105 °C) RES-D	RES-TL	(PPB) RH-D	(PPB) RH-TL	(PPB) RH-S	(PPB) RH-TR	(PPB) SB-D
				RESIDUE, TOTAL NONFILTRABLE						
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO				(LAT 37 15 58 LONG 107 00 37)				
01A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
01A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA				(LAT 56 38 LONG 109 42 36)				
02A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	2000.0000L	2000.0000L	4.0000L
02A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	1000.0000L	1000.0000L	4.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ				(36 56 38 LONG 109 42 36)				
03A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	80.0000L	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA				(LAT 36 52 20 LONG 111 35 38)				
04A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	200.0000L	200.0000L	4.0000L
04A30575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
04A50575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
04A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
04A40575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
04A60575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA				(LAT 35 17 03 LONG 112 09 43)				
05A10575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	70.0000L	70.0000L	4.0000L
05A20575	0.0000B	0.0000B	0.0000B	130.0000	70.0000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM				(LAT 35 05 21 LONG 106 40 48)				
06A10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
06A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
		RIO PUERCO AT RIO PUERCO, NEW MEXICO				(LAT 34 47 38 LONG 106 59 20)				
07A10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	5000.0000L	5000.0000L	4.0000L
07A70675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
07A80675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
07A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	5000.0000L	5000.0000L	4.0000L
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM				(LAT 35 49 39 LONG 106 38 52)				
08A10675	0.0000B	0.0000B	0.0000B	0.0000B	10.0000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
08A30675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
08A50675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	0.0000B	0.0000B	0.0000B	0.0000B	9.0000	4.0000L	4.0000L	4.0000L	8.0000L	4.0000L
08A40675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L

SAMPLE	(PPB) BA-TL	(PPB) BA-S	(PPB) BA-TR	(PPB AT 105 °C) RES-D	RES-TL	(PPB) RH-D	(PPB) RH-TL	(PPB) RH-S	(PPB) RH-TR	(PPB) SR-D
				RESIDUE, TOTAL NONFILTRABLE						
	JEMEZ RIVER (CONTINUED)									
08A60675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
08B20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
08C20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
	CHERRY CREEK NEAR FRANKTOWN, COLORADO (LAT 39 21 21 LONG 104 45 46)									
09A10775	80.0000L	80.0000L	160.0000L	180.0000	1.0000L	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
09A30775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
09A50775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
09A20775	80.0000L	80.0000L	160.0000L	310.0000	1.0000L	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
09A40775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
09A60775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
	HUERFANO RIVER NEAR REDWING, COLORADO (LAT 37 43 40 LONG 105 21 03)									
10A10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
10A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
	COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO (LAT 35 55 00 LONG 105 09 49)									
11A10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
11A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
	RED RIVER NEAR QUESTA, NEW MEXICO (LAT 36 42 12 LONG 105 34 04)									
12A10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
12A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
	RIO OJO CALIENTE AT LA MADERA, NEW MEXICO (LAT 36 20 59 LONG 106 02 37)									
13A10775	80.0000L	80.0000L	160.0000L	480.0000	1.0000L	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
13A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
13B10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
	JEMEZ RIVER NEAR JEMEZ, NEW MEXICO (LAT 35 39 42 LONG 106 44 34)									
14A10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
14A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
	MINERAL CREEK ABOVE SILVERTON, COLORADO (LAT 37 51 04 LONG 107 43 31)									
15D10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15D20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15E10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15F10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15G10775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L

SAMPLE	(PPB) BR-TL	(PPB) BR-S	(PPB) BR-TR	(PPB AT 105 °C) RES-D	(PPB AT 105 °C) RES-TL	(PPB) RH-D	(PPB) RH-TL	(PPB) RH-S	(PPB) RH-TR	(PPB) SR-D
				RESIDUE, TOTAL NONFILTRABLE						
	MINERAL CREEK (CONTINUED)									
15F20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15F20775	8.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
15G20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	4.0000L
	ROCK CREEK NEAR DILLON, COLORADO (LAT 39 43 23 LONG 106 07 41)									
16A10775	0.0000B	80.0000L	160.0000L	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	4.0000L
16A20775	80.0000L	80.0000L	160.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) SR-TL	(PPB) SB-S	(PPB) SR-TR	(PPB) SE-D	(PPB) SE-TL	(PPB) SE-S	(PPB) SE-TR	(PPM) SIO2-D	(PPM) SIO2-TL	(PPM) SIO2-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	6.8000	6.8000
01A20575	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	5.6000	5.6000
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	4.0000L	7000.0000L	7000.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	13633.0000	13633.0000
02A20575	4.0000L	4000.0000L	4000.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	6176.7000	6176.7000
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	4.0000L	4.0000L	8.0000L	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	5.2000	5.2000
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	4.0000L	700.0000L	700.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	90.0000	90.0000
04A30575	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A50575	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A20575	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	97.6000	97.6000
04A40575	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	4.0000L	300.0000L	300.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	28.2000	28.2000
05A20575	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	49.2000	49.2000
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	892.0000	892.0000
06A20675	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	934.4000	934.4000
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	4.0000L	22000.0000L	22000.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	29587.0000	29587.0000
07A70675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
07A20675	4.0000L	21000.0000L	22000.0000L	0.5000L	0.5000L	0.5000L	1.0000L	0.0000B	30564.0000	30564.0000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	32.3000	4.2000	4.2000
08A30675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	32.7000	0.0000B	0.0000B
08A50675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	32.6000	0.0000B	0.0000B
08M10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	4.0000L	4.0000L	8.0000L	0.5000L	0.5000L	0.5000L	1.0000L	32.5000	5.8000	5.8000
08A40675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	31.8000	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) SR-TL	(PPB) SR-S	(PPB) SR-TR	(PPB) SE-D	(PPB) SE-TL	(PPB) SE-S	(PPB) SE-TR	(PPM) SIO2-D	(PPM) SIO2-TL	(PPM) SIO2-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	32.5000	0.0000B	0.0000B
08B20675	4.0000L	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	1.0000L	0.0000B	9.3000	9.3000
08C20675	4.0000L	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	1.0000L	0.0000B	6.0000	6.0000
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A30775	0.0000B	0.0000B	0.0000B	0.5000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A50775	0.0000	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.6000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A40775	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	0.0000B	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
10A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
11A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	1.0000L	0.0000B	0.0000B	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
12A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	1.0000L	0.0000B	0.0000B	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
14A20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15D20775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	1.0000L	0.0000B	0.0000B	0.0000B
15F10775	4.0000L	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F10775	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G10775	0.0000B	0.0000B	4.0000L	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

SAMPLE	(PPB) SB-TL	(PPB) SB-S	(PPB) SB-TR	(PPB) SE-D	(PPB) SE-TL	(PPB) SE-S	(PPB) SE-TR	(PPM) SIO2-D	(PPM) SIO2-TL	(PPM) SIO2-S
		MINERAL CREEK (CONTINUED)								
15E20775	0.0000B	0.0000B	4.0000L	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15F20775	0.0000B	0.0000B	4.0000L	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
15G20775	0.0000B	0.0000B	4.0000L	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	0.0000B	0.0000B	0.5000L	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
16A20775	0.0000B	0.0000B	4.0000L	0.0000B	0.5000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) SIO2-TR	(PPB) SN-D	(PPB) SN-TL	(PPB) SN-S	(PPB) SN-TR	(PPB) SR-D	(PPB) SR-TR	(PPB) TH-D	(PPB) TH-TL	(PPB) TH-S
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO				(LAT 37 15 58 LONG 107 00 37)				
01A10575	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	0.0000B	0.0600	0.0000B
01A20575	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA				(LAT 56 38 LONG 109 42 36)				
02A10575	0.0000B	10.0000	4.0000L	900.0000L	900.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
02A20575	0.0000B	4.0000L	4.0000L	500.0000L	500.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ				(36 56 38 LONG 109 42 36)				
03A10575	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA				(LAT 36 52 20 LONG 111 35 38)				
04A10575	0.0000B	4.0000L	4.0000L	90.0000L	90.0000L	0.0000B	0.0000B	0.0000B	14.0000	113.0000
04A30575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A50575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A20575	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A40575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA				(LAT 35 17 03 LONG 112 09 43)				
05A10575	0.0000B	4.0000L	4.0000L	40.0000L	40.0000L	0.0000B	0.0000B	9.0000	7.0000	39.0000
05A20575	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	6.0000	9.0000	1010.0000
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM				(LAT 35 05 21 LONG 106 40 48)				
06A10675	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	0.0000B	16.0000	234.0000
06A20675	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		RIO PUERCO AT RIO PUERCO, NEW MEXICO				(LAT 34 47 38 LONG 106 59 20)				
07A10675	0.0000B	4.0000L	4.0000L	3000.0000L	3000.0000L	0.0000B	0.0000B	0.0000B	28.0000	24062.0000
07A70675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
07A80675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
07A20675	0.0000B	4.0000L	4.0000L	3000.0000L	3000.0000L	0.0000B	0.0000B	0.0000B	674.0000	6188.0000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM				(LAT 35 49 39 LONG 106 38 52)				
08A10675	39.1000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	10.0000	8.0000	1.0000L
08A30675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	14.0000	0.0000B	0.0000B
08A50675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	3.0000	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	11.0000	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	18.0000	0.0000B
08A20675	38.4000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B	0.0000B	8.0000	4.0000	5.0000
08A40675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B

SAMPLE	(PPM) SIO2-TR	(PPB) SN-D	(PPB) SN-TL	(PPB) SN-S	(PPB) SN-TR	(PPB) SR-D	(PPB) SR-TR	(PPB) TH-D	(PPB) TH-TL	(PPB) TH-S
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08B20675	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C20675	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
09A30775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B
09A50775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B
09A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
09A40775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B
09A60775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
10A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
11A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	420.0000	390.0000	20.0000L	20.0000L	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
12A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
13A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	630.0000	550.0000	20.0000L	20.0000L	0.0000B
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
14A20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
15D20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	220.0000	220.0000	20.0000L	20.0000L	0.0000B
15E10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
15F10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
15G10775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPM) SIO2-TR	(PPB) SN-D	(PPB) SN-TL	(PPB) SN-S	(PPB) SN-TR	(PPB) SR-D	(PPB) SR-TR	(PPB) TH-D	(PPB) TH-TL	(PPB) TH-S
			MINERAL CREEK (CONTINUED)							
15F20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
15F20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
15G20775	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	20.0000L	0.0000B
			ROCK CREEK NEAR DILLON, COLORADO			(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B
16A20775	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) TH-TR	(PPB) TI-D	(PPB) TI-TL	(PPB) TI-S	(PPB) TI-TR	(PPB) TL-D	(PPB) TL-TL	(PPB) TL-S	(PPB) TL-TR	(PPB) U-D NATURAL
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	0.0000B	20.0000L	20.0000L	500.0000L	520.0000L	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
01A20575	0.0000B	20.0000L	20.0000L	500.0000L	520.0000L	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	0.0000B	30.0000	20.0000L	67000.0000	67000.0000	4.0000L	4.0000L	15000.0000L	15000.0000L	3.6000
02A20575	0.0000B	200.0000	20.0000L	38000.0000	38000.0000	4.0000L	4.0000L	8000.0000L	8000.0000L	0.0000B
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	0.0000B	0.0000B	20.0000L	500.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	127.0000	20.0000L	20.0000L	600.0000	600.0000	4.0000L	4.0000L	2000.0000L	2000.0000L	0.0000B
04A30575	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A50575	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A20575	0.0000B	20.0000L	20.0000L	800.0000	800.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
04A40575	0.0000B	40.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	46.0000	20.0000L	50.0000	500.0000L	500.0000L	4.0000L	4.0000L	6000.0000L	6000.0000L	0.0000B
05A20575	1019.0000	20.0000L	20.0000L	500.0000	500.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	250.0000	100.0000	50.0000	2000.0000	2050.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
06A20675	0.0000B	20.0000L	60.0000	2400.0000	3000.0000	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	24090.0000	20.0000L	20.0000L	184000.0000	184000.0000	4.0000L	4.0000L	43000.0000L	43000.0000L	4.7000
07A70675	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	7.9000
07A80675	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
07A20675	6862.0000	20.0000L	20.0000L	194000.0000	194000.0000	4.0000L	4.0000L	42000.0000L	42000.0000L	0.0000B
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	8.0000	20.0000L	20.0000L	500.0000L	500.0000L	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
08A30675	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
08A50675	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	9.0000	20.0000L	20.0000L	500.0000L	500.0000L	4.0000L	4.0000L	4.0000L	8.0000L	0.0000B
08A40675	0.0000B	70.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) TH-TR	(PPB) TI-D	(PPB) TI-TL	(PPB) TI-S	(PPB) TI-TR	(PPB) TL-D	(PPB) TL-TL	(PPB) TL-S	(PPB) TL-TR	(PPB) U-D NATURAL
		JEMEZ RIVER (CONTINUED)								
08A60675	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
08B20675	0.0000B	0.0000B	20.0000L	500.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
08C20675	0.0000B	0.0000B	20.0000L	500.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
09A30775	0.0000B	110.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A50775	0.0000B	110.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A70775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
09A90775	0.0000B	260.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	500.0000	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
10A20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		COYOTE CREEK NEAR GUADALUPITA, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
11A20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
12A20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	14.0000
13A20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	15.0000
13B10775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
14A20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15D20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15E10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15F10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15G10775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) TH-TR	(PPB) TI-D	(PPB) TI-TL	(PPB) TI-S	(PPB) TI-TR	(PPB) TL-D	(PPB) TL-TL	(PPB) TL-S	(PPB) TL-TR	(PPB) U-D NATURAL
		MINERAL CREEK (CONTINUED)								
15F20775	0.0000B	20.0000L	60.0000	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15F20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
15G20775	0.0000B	20.0000L	20.0000L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B	0.0000B
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B	0.0000B
16A20775	0.0000B	0.0000B	20.0000L	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) U-TL NATURAL	(PPB) U-D EXTRACTION FLUORIMETRIC	(PPB) U-TL EXTRACTION FLUORIMETRIC	(PPB) U-TL	(PPB) U-S	(PPB) U-TR	(PPB) V-D	(PPB) V-TL	(PPB) V-S	(PPB) V-TR
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	0.0000B	0.0400	0.0500	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L
01A20575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	4.0000L	8.0000L
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	6.5000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	20.0000	30.0000	2000.0000	2030.0000
02A20575	0.0000B	0.0000B	2.8000	0.0000B	0.0000B	0.0000B	30.0000	42.0000	1400.0000	1442.0000
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	0.0000B	0.6800	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	10.0000	4.0000L	0.0000B
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	0.0000B	2.2000	2.2000	2.6400	0.4800	3.1200	4.0000L	5.0000	300.0000	305.0000
04A30575	0.0000B	2.0000	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
04A50575	0.0000B	2.2000	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
04A20575	0.0000B	2.1000	2.6000	0.0000B	0.0000B	0.0000B	4.0000L	5.0000	4.0000L	6.0000
04A40575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
04A60575	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	0.0000B	0.1000	0.0300	0.1700	0.1200	0.2900	4.0000L	5.0000	60.0000	65.0000
05A20575	0.0000B	0.2400	0.3900	0.1600	0.0800L	0.1600	4.0000L	5.0000	4.0000L	6.0000
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	0.0000B	0.9400	0.8500	1.2400	0.6400	1.8800	4.0000L	5.0000	4.0000L	6.0000
06A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	10.0000	4.0000L	11.0000
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	5.7000	0.0000B	6.0700	6.0700	254.8800	260.9500	4.0000L	20.0000	8000.0000	8020.0000
07A70675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
07A80675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
07A20675	0.5500	0.0000B	0.0000B	4.9000	181.4400	186.3400	4.0000L	50.0000	8000.0000	8050.0000
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	0.0000B	0.2400	0.2100	0.2600	0.0800L	0.2600	4.0000L	4.0000L	4.0000L	8.0000L
08A30675	0.0000B	0.2700	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
08A50675	0.0000B	0.2500	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
08B10675	0.0000B	0.0000B	0.2600	0.2600	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.2200	0.2200	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	0.0000B	0.2700	0.2900	0.2900	0.0800L	0.2900	4.0000L	4.0000L	4.0000L	8.0000L
08A40675	0.4000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) U-TL NATURAL	(PPB) U-D EXTRACTION FLUORIMETRIC	(PPB) U-TL	(PPB) U-TL	(PPB) U-S	(PPB) U-TR	(PPB) V-D	(PPB) V-TL	(PPB) V-S	(PPB) V-TR
		JEMEZ RIVER (CONTINUED)								
08A20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
08B20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	8.0000L
08C20675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	4.0000L	8.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	0.0000B	0.5900	0.6500	0.6200	0.1100	0.7300	4.0000L	4.0000L	0.0000B	0.0000B
09A30775	0.0000B	0.5700	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
09A50775	0.0000B	0.6800	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
09A20775	0.0000B	0.5400	0.6700	0.7400	0.0800	0.8200	4.0000L	4.0000L	0.0000B	0.0000B
09A40775	0.0000B	0.3400	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
09A60775	0.0000B	0.6300	0.0000B	0.0000B	0.0000B	0.0000B	4.0000L	0.0000B	0.0000B	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	0.0000B	0.2800	0.2000	0.2500	0.5000	0.7500	4.0000L	4.0000L	0.0000B	0.0000B
10A20775	0.0000B	0.2900	0.3100	0.2800	0.0800L	0.2800	4.0000L	4.0000L	0.0000B	0.0000B
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	0.0000B	2.1000	1.9000	2.7000	0.4100	3.1100	4.0000L	4.0000L	0.0000B	0.0000B
11A20775	0.0000B	2.1000	2.2000	2.8000	0.5400	3.3400	4.0000L	4.0000L	0.0000B	0.0000B
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	0.0000B	0.4700	0.0000B	0.3800	0.5000	0.8800	4.0000L	4.0000L	0.0000B	0.0000B
12A20775	0.0000B	0.4600	0.0000B	0.6200	0.2500	0.8700	4.0000L	4.0000L	0.0000B	0.0000B
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	14.0000	15.8400	0.0000B	14.2000	0.0800L	14.2000	4.0000L	4.0000L	0.0000B	0.0000B
13A20775	15.0000	16.0000	0.0000B	15.9000	0.3000	16.2000	4.0000L	4.0000L	6.0000L	0.0000B
13B10775	0.0000B	14.7000	17.4000	17.4000	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	0.0000B	1.0000	0.0000B	1.0000	0.1800	1.1800	4.0000L	4.0000L	0.0000B	0.0000B
14A20775	0.0000B	1.1200	0.0000B	1.0000	0.1500	1.1500	4.0000L	4.0000L	0.0000B	0.0000B
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	0.0000B	0.0500	0.0000B	0.0500L	0.1700	0.1700	4.0000L	4.0000L	0.0000B	0.0000B
15D20775	0.0000B	0.0900	0.1700	0.1300	0.0400L	0.1300	4.0000L	4.0000L	47.0000L	0.0000B
15E10775	0.0000B	0.0400	0.0500L	0.0500L	0.1300	0.1300	4.0000L	4.0000L	0.0000B	0.0000B
15F10775	0.0000B	0.0300	0.0500L	0.0500L	0.0000B	0.0000B	4.0000L	4.0000L	0.0000B	0.0000B
15G10775	0.0000B	0.0400	0.0500L	0.0500L	0.3100	0.3600L	4.0000L	4.0000L	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) U-TL NATURAL	(PPB) U-D EXTRACTION FLUORIMETRIC	(PPB) U-TL	(PPB) U-TL	(PPB) U-S	(PPB) U-TR	(PPB) V-D	(PPB) V-TL	(PPB) V-S	(PPB) V-TR
		BIFFAL CREEK (CONTINUED)								
15E20775	0.0000B	0.0400	0.0700	0.0700	0.1200	0.1900	4.0000L	4.0000L	0.0000B	0.0000B
15F20775	0.0000B	0.0500	0.0800	0.0800	0.0800	0.1600	4.0000L	4.0000L	0.0000B	0.0000B
15G20775	0.0000B	0.0400	0.1700	0.1700	0.0800	0.2500	4.0000L	4.0000L	0.0000B	0.0000B
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	0.0000B	0.2600	0.2700	0.0500L	0.1900	0.2400L	4.0000L	0.0000B	0.0000B	0.0000B
16A20775	0.0000B	0.0000B	0.4800	0.4800	0.0300	0.5100	0.0000B	4.0000L	0.0000B	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) W-D	(PPB) W-TL	(PPB) W-S	(PPB) W-TR	(PPB) ZN-D	(PPB) ZN-TL	(PPB) ZN-S	(PPB) ZN-TR	(PPB) ZR-D	(PPB) ZR-TL
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO (LAT 37 15 58 LONG 107 00 37)								
01A10575	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	6.0000L	28.0000	33.0000	8.0000L	8.0000L
01A20575	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	6.0000	8.0000	14.0000	8.0000L	14.0000
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA (LAT 56 38 LONG 109 42 36)								
02A10575	40.0000L	40.0000L	15000.0000L	15000.0000L	6.0000L	6.0000L	1078.0000	1083.0000	8.0000L	8.0000L
02A20575	40.0000L	40.0000L	8000.0000L	8000.0000L	13.0000	6.0000	600.0000	606.0000	8.0000L	8.0000L
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ (36 56 38 LONG 109 42 36)								
03A10575	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	13.0000	8.0000	21.0000	0.0000B	8.0000L
		PARIA RIVER ABOVE LEES FERRY, ARIZONA (LAT 36 52 20 LONG 111 35 38)								
04A10575	40.0000L	40.0000L	2000.0000L	2000.0000L	6.0000L	13.0000	18.0000	31.0000	8.0000L	8.0000L
04A30575	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
04A50575	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
04A20575	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	40.0000	12.0000	52.0000	8.0000L	10.0000
04A40575	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
04A60575	40.0000L	0.0000B	0.0000B	0.0000B	25.0000	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA (LAT 35 17 03 LONG 112 09 43)								
05A10575	40.0000L	40.0000L	600.0000L	600.0000L	6.0000L	6.0000	13.0000	19.0000	8.0000L	8.0000L
05A20575	40.0000L	40.0000L	40.0000L	80.0000L	25.0000	10.0000	9.0000	19.0000	8.0000L	10.0000
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM (LAT 35 05 21 LONG 106 40 48)								
06A10675	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	6.0000	28.0000	34.0000	8.0000L	8.0000L
06A20675	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	10.0000	28.0000	38.0000	8.0000L	10.0000
		RIO PUERCO AT RIO PUERCO, NEW MEXICO (LAT 34 47 38 LONG 106 59 20)								
07A10675	40.0000L	40.0000L	43000.0000L	43000.0000L	6.0000L	6.0000L	5400.0000	5405.0000	8.0000L	8.0000L
07A70675	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
07A80675	40.0000L	0.0000B	0.0000B	0.0000B	6.0000	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
07A20675	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	700.0000	5130.0000	5830.0000	8.0000L	8.0000L
		JEMEZ R BELOW F FORK NR JEMEZ SPRINGS, NM (LAT 35 49 39 LONG 106 38 52)								
08A10675	40.0000L	40.0000L	40.0000L	80.0000L	6.0000L	6.0000L	6.0000L	6.0000L	8.0000L	8.0000L
08A30675	40.0000L	0.0000B	0.0000B	0.0000B	10.0000	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
08A50675	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
08B10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08C10675	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
08A20675	40.0000L	40.0000L	40.0000L	80.0000L	6.0000	25.0000	6.0000L	30.0000	8.0000L	8.0000L
08A40675	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	20.0000	0.0000B	0.0000B	8.0000L	0.0000B

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) V-D	(PPB) V-TL	(PPB) V-S	(PPB) V-TR	(PPB) ZN-D	(PPB) ZN-TL	(PPB) ZN-S	(PPB) ZN-TR	(PPB) ZR-D	(PPB) ZR-TL
		JEMEZ RIVER (CONTINUED)								
08A60675	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	8.0000L	0.0000B
08B20675	0.0000B	40.0000L	40.0000L	0.0000B	0.0000B	10.0000	6.0000L	10.0000	0.0000B	8.0000L
08C20675	40.0000L	40.0000L	40.0000L	0.0000B	0.0000B	13.0000	6.0000L	13.0000	0.0000B	8.0000L
		CHERRY CREEK NEAR FRANKTOWN, COLORADO				(LAT 39 21 21 LONG 104 45 46)				
09A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	0.6000L	0.0000B	8.0000L	8.0000L
09A30775	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L	0.0000B
09A50775	40.0000L	0.0000B	0.0000B	0.0000B	6.0000L	0.0000B	0.0000B	0.0000B	20.0000	0.0000B
09A20775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	26.0000	0.0000L	0.0000B	8.0000L	8.0000L
09A40775	40.0000L	0.0000B	0.0000B	0.0000B	46.0000	0.0000B	0.0000B	0.0000B	50.0000	0.0000B
09A60775	40.0000L	0.0000B	0.0000B	0.0000B	33.0000	0.0000B	0.0000B	0.0000B	40.0000	0.0000B
		HUERFANO RIVER NEAR REDWING, COLORADO				(LAT 37 43 40 LONG 105 21 03)				
10A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	6.0000L	12.0000L	8.0000L	8.0000L
10A20775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	47.0000	6.0000L	53.0000L	8.0000L	8.0000L
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO				(LAT 35 55 00 LONG 105 09 49)				
11A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	15.0000	22.0000	37.0000	8.0000L	8.0000L
11A20775	40.0000L	40.0000L	0.0000B	0.0000B	19.0000	21.0000	14.0000	35.0000	8.0000L	8.0000L
		RED RIVER NEAR QUESTA, NEW MEXICO				(LAT 36 42 12 LONG 105 34 04)				
12A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	39.0000	45.0000L	8.0000L	8.0000L
12A20775	40.0000L	40.0000L	0.0000B	0.0000B	14.0000	38.0000	12.0000	50.0000	8.0000L	8.0000L
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO				(LAT 36 20 59 LONG 106 02 37)				
13A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	6.0000	12.0000L	8.0000L	8.0000L
13A20775	40.0000L	40.0000L	0.0000B	0.0000B	11.0000	12.0000	6.0000L	18.0000L	8.0000L	8.0000L
13B10775	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
13B20775	0.0000B	40.0000L	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B	0.0000B
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO				(LAT 35 39 42 LONG 106 44 34)				
14A10775	40.0000L	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	12.0000	18.0000L	8.0000L	8.0000L
14A20775	40.0000L	40.0000L	0.0000B	0.0000B	26.0000	50.0000	6.0000	56.0000	8.0000L	8.0000L
		MINERAL CREEK ABOVE SILVERTON, COLORADO				(LAT 37 51 04 LONG 107 43 31)				
15D10775	40.0000L	40.0000L	0.0000B	0.0000B	180.0000	190.0000	51.0000	241.0000	8.0000L	8.0000L
15D20775	40.0000L	40.0000L	0.0000B	0.0000B	150.0000	130.0000	6.0000L	16.0000L	8.0000L	8.0000L
15E10775	40.0000L	40.0000L	0.0000B	0.0000B	610.0000	620.0000	35.0000	655.0000	8.0000L	8.0000L
15F10775	40.0000L	40.0000L	0.0000B	0.0000B	450.0000	470.0000	0.0000B	0.0000B	8.0000L	8.0000L
15G10775	40.0000L	40.0000L	0.0000B	0.0000B	570.0000	570.0000	0.0000B	0.0000B	8.0000L	8.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) W-D	(PPB) W-TL	(PPB) W-S	(PPB) W-TR	(PPB) ZN-D	(PPB) ZN-TL	(PPB) ZN-S	(PPB) ZN-TR	(PPB) ZR-D	(PPB) ZR-TL
		MINERAL CREEK (CONTINUED)								
15F20775	40.0000L	40.0000L	0.0000B	0.0000B	410.0000	770.0000	0.0000B	0.0000B	8.0000L	8.0000L
15F20775	40.0000L	40.0000L	0.0000B	0.0000B	360.0000	760.0000	0.0000B	0.0000B	8.0000L	8.0000L
15G20775	40.0000L	40.0000L	0.0000B	0.0000B	350.0000	2310.0000	0.0000B	0.0000B	8.0000L	8.0000L
		ROCK CREEK NEAR DILLON, COLORADO				(LAT 39 43 23 LONG 106 07 41)				
16A10775	40.0000L	0.0000B	0.0000B	0.0000B	22.0000	18.0000	0.0000B	0.0000B	8.0000L	0.0000B
16A20775	0.0000B	40.0000L	0.0000B	0.0000B	6.0000L	6.0000L	0.0000B	0.0000B	0.0000B	8.0000L

WATER DATA COLLECTED FROM STREAMS IN ARIZONA, COLORADO AND NEW MEXICO DURING THE SPRING AND SUMMER OF 1975

SAMPLE	(PPB) ZF-S	(PPB) ZR-TR	
		SAN JUAN RIVER AT PAGOSA SPRINGS, COLORADO	(LAT 37 15 58 LONG 107 00 37)
01A10575	8.0000L	16.0000L	
01A20575	8.0000L	17.0000	
		CHINLE CREEK NEAR MEXICAN WATER, ARIZONA	(LAT 56 38 LONG 109 42 36)
02A10575	4000.0000	4000.0000	
02A20575	2000.0000	2000.0000	
		CATTLE TANK BY CHINLE CK NR MEXICAN WATER, ARIZ	(36 56 38 LONG 109 42 36)
03A10575	8.0000L	0.0000B	
		PARIA RIVER ABOVE LEES FERRY, ARIZONA	(LAT 36 52 20 LONG 111 35 38)
04A10575	300.0000	300.0000	
04A30575	0.0000B	0.0000B	
04A50575	0.0000B	0.0000B	
04A20575	8.0000L	13.0000	
04A40575	0.0000B	0.0000B	
04A60575	0.0000B	0.0000B	
		KAIBAB LAKE NEAR WILLIAMS, ARIZONA	(LAT 35 17 03 LONG 112 09 43)
05A10575	70.0000	73.0000	
05A20575	8.0000L	13.0000	
		RIO GRANDE AT RT. 66, ALBUQUERQUE, NM	(LAT 35 05 21 LONG 106 40 48)
06A10675	8.0000L	16.0000L	
06A20675	8.0000L	13.0000	
		RIO PUERCO AT RIO PUERCO, NEW MEXICO	(LAT 34 47 38 LONG 106 59 20)
07A10675	8000.0000	8000.0000	
07A70675	0.0000B	0.0000B	
07A80675	0.0000B	0.0000B	
07A20675	8000.0000	8000.0000	
		JEMEZ R BELOW E FORK NR JEMEZ SPRINGS, NM	(LAT 35 49 39 LONG 106 38 52)
08A10675	8.0000L	16.0000L	
08A30675	0.0000B	0.0000B	
08A50675	0.0000B	0.0000B	
08B10675	0.0000B	0.0000B	
08C10675	0.0000B	0.0000B	
08A20675	8.0000L	16.0000L	
08A40675	0.0000B	0.0000B	

SAMPLE	(PPB) ZR-S	(PPB) ZR-TR	
		JEMEZ RIVER (CONTINUED)	
08A60675	0.0000B	0.0000B	
08B20675	8.0000L	0.0000B	
08C20675	8.0000L	0.0000B	
		CHERRY CREEK NEAR FRANKTOWN, COLORADO	(LAT 39 21 21 LONG 104 45 46)
09A10775	0.0000B	0.0000B	
09A30775	0.0000B	0.0000B	
09A50775	0.0000B	0.0000B	
09A20775	0.0000B	0.0000B	
09A40775	0.0000B	0.0000B	
09A60775	0.0000B	0.0000B	
		HUERFANO RIVER NEAR REDWING, COLORADO	(LAT 37 43 40 LONG 105 21 03)
10A10775	0.0000B	0.0000B	
10A20775	0.0000B	0.0000B	
		COYOTE CREEK NEAR GOLONDRINAS, NEW MEXICO	(LAT 35 55 00 LONG 105 09 49)
11A10775	0.0000B	0.0000B	
11A20775	0.0000B	0.0000B	
		RED RIVER NEAR QUESTA, NEW MEXICO	(LAT 36 42 12 LONG 105 34 04)
12A10775	0.0000B	0.0000B	
12A20775	0.0000B	0.0000B	
		RIO OJO CALIENTE AT LA MADERA, NEW MEXICO	(LAT 36 20 59 LONG 106 02 37)
13A10775	0.0000B	0.0000B	
13A20775	0.0000B	0.0000B	
13B10775	0.0000B	0.0000B	
13B20775	0.0000B	0.0000B	
		JEMEZ RIVER NEAR JEMEZ, NEW MEXICO	(LAT 35 39 42 LONG 106 44 34)
14A10775	0.0000B	0.0000B	
14A20775	0.0000B	0.0000B	
		MINERAL CREEK ABOVE SILVERTON, COLORADO	(LAT 37 51 04 LONG 107 43 31)
15D10775	0.0000B	0.0000B	
15D20775	0.0000B	0.0000B	
15E10775	0.0000B	0.0000B	
15E10775	0.0000B	0.0000B	
15G10775	0.0000B	0.0000B	

SAMPLE	(PPB) ZR-S	(PPB) ZR-TR
	MINERAL CREEK (CONTINUED)	
15E20775	0.0000B	0.0000B
15F20775	0.0000B	0.0000B
15G20775	0.0000B	0.0000B
	ROCK CREEK NEAR DILLON, COLORADO (LAT 39 43 23 LONG 106 07 41)	
16A10775	0.0000B	0.0000B
16A20775	0.0000B	0.0000B

Table 3.--Frequency distributions and histograms of analytical data for water samples collected from streams in Arizona, Colorado, and New Mexico during the spring and summer of 1975.

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE COND (CONDUCTIVITY, MICROMHOS AT 25 DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	14.29	14.29		
	T		0	8	0.00	14.29	1.455E+01	2.950E+00
6.500E+01	-	3.050E+02	26	34	46.43	60.71	1.002E+01	-7.420E+00
3.050E+02	-	5.450E+02	8	42	14.29	75.00	1.079E+01	-1.004E+01
5.450E+02	-	7.850E+02	10	52	17.86	92.86	9.182E+00	-8.093E+00
7.850E+02	-	1.025E+03	0	52	0.00	92.86	6.181E+00	-6.181E+00
1.025E+03	-	1.265E+03	0	52	0.00	92.86	3.289E+00	-3.289E+00
1.265E+03	-	1.505E+03	0	52	0.00	92.86	1.384E+00	-1.384E+00
1.505E+03	-	1.745E+03	0	52	0.00	92.86	4.601E-01	-4.601E-01
1.745E+03	-	1.985E+03	4	56	7.14	100.00	1.508E-01	2.638E+01
	G		0	56	0.00	100.00		
	H		0	56				
	B		1	57				
TOTALS LESS H AND B			56				5.600E+01	-7.540E+00

HISTOGRAM FOR VARIABLE COND (CONDUCTIVITY, MICROMHOS AT 25 DEG. C)

```
1.850E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.250E+02 XXXXXXXXXXXXXX
6.650E+02 XXXXXXXXXXXXXXXXX
9.050E+02
1.145E+03
1.385E+03
1.625E+03
1.865E+03 XXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.50000E+01
MAXIMUM = 1.95000E+03
MEAN    = 4.35708E+02
STD DEV = 5.09454E+02
VARIANCE= 2.59543E+05
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-COND (CONDUCTIVITY, MICROMHOS AT 25 DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	14.29	14.29		
	T		0	8	0.00	14.29	7.896E+00	1.372E-03
1.813E+00	-	1.993E+00	4	12	7.14	21.43	5.793E+00	-5.103E+00
1.993E+00	-	2.173E+00	20	32	35.71	57.14	7.531E+00	-4.876E+00
2.173E+00	-	2.353E+00	0	32	0.00	57.14	8.465E+00	-8.465E+00
2.353E+00	-	2.533E+00	2	34	3.57	60.71	8.226E+00	-7.983E+00
2.533E+00	-	2.713E+00	8	42	14.29	75.00	6.911E+00	-5.754E+00
2.713E+00	-	2.893E+00	10	52	17.86	92.86	5.021E+00	-3.029E+00
2.893E+00	-	3.073E+00	0	52	0.00	92.86	3.153E+00	-3.153E+00
3.073E+00	-	3.253E+00	0	52	0.00	92.86	1.712E+00	-1.712E+00
3.253E+00	-	3.433E+00	4	56	7.14	100.00	1.291E+00	1.807E+00
	G		0	56	0.00	100.00		
	H		0	56				
	B		1	57				
TOTALS LESS H AND B			56				5.600E+01	-3.827E+01

HISTOGRAM FOR VARIABLE L-COND (CONDUCTIVITY, MICROMHOS AT 25 DEG. C)

```
1.903E+00 XXXXXXX
2.083E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.263E+00
2.443E+00 XXXX
2.623E+00 XXXXXXXXXXXXXX
2.803E+00 XXXXXXXXXXXXXXXXX
2.983E+00
3.163E+00
3.343E+00 XXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.81291E+00
MAXIMUM = 3.29003E+00
MEAN = 2.42059E+00
STD DEV = 4.25965E-01
VARIANCE= 1.81446E-01

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE       DISCHAR  (CUBIC FEET/SECOND)

       LIMITS              OBS   CUM    PERCENT  PERCENT           THEOR FREQ
  LOWER   -     UPPER      FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0      0,00      0,00
            L                0     0      0,00      0,00
            T                0     0      0,00      0,00
 3,200E+00 -  5,432E+02     50    50     92,59     92,59              1,368E+01              -1,002E+01
 5,432E+02 -  1,083E+03      0    50      0,00     92,59              1,085E+01              -1,085E+01
 1,083E+03 -  1,623E+03      2    52      3,70     96,30              5,743E+00              -5,394E+00
 1,623E+03 -  2,163E+03      0    52      0,00     96,30              2,029E+00              -2,029E+00
 2,163E+03 -  2,703E+03      0    52      0,00     96,30              4,782E-01              -4,782E-01
 2,703E+03 -  3,243E+03      0    52      0,00     96,30              7,511E-02              -7,511E-02
 3,243E+03 -  3,783E+03      0    52      0,00     96,30              0,000E-01               0,000E-01
 3,783E+03 -  4,323E+03      2    54      3,70    100,00              8,432E-03               2,372E+02
            G                0    54      0,00    100,00
            H                0    54
            B                3    57

TOTALS LESS H AND B         54                                        3,286E+01               2,083E+02


HISTOGRAM FOR VARIABLE       DISCHAR   (CUBIC FEET/SECOND)

     2,732E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     8,132E+02
     1,353E+03 XXXX
     1,893E+03
     2,433E+03
     2,973E+03
     3,513E+03
     4,053E+03 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  3,20000E+00
MAXIMUM =  4,32000E+03
MEAN    =  2,33115E+02
STD DEV =  8,34989E+02
VARIANCE=  6,97206E+05
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-DISCH (CUBIC FEET/SECOND)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
5.051E-01	-	8.951E-01	16	16	29.63	29.63	6.670E+00	-4.271E+00
8.951E-01	-	1.285E+00	6	22	11.11	40.74	9.993E+00	-9.393E+00
1.285E+00	-	1.675E+00	14	36	25.93	66.67	1.134E+01	-1.011E+01
1.675E+00	-	2.065E+00	14	50	25.93	92.59	9.759E+00	-8.324E+00
2.065E+00	-	2.455E+00	0	50	0.00	92.59	6.361E+00	-6.361E+00
2.455E+00	-	2.845E+00	0	50	0.00	92.59	3.141E+00	-3.141E+00
2.845E+00	-	3.235E+00	2	52	3.70	96.30	1.175E+00	5.265E-01
3.235E+00	-	3.625E+00	0	52	0.00	96.30	3.330E-01	-3.330E-01
3.625E+00	-	4.015E+00	2	54	3.70	100.00	8.466E-02	2.354E+01
	G		0	54	0.00	100.00		
	H		0	54				
	B		3	57				
TOTALS LESS H AND B			54				4.886E+01	-1.787E+01

HISTOGRAM FOR VARIABLE L-DISCH (CUBIC FEET/SECOND)

```
7.001E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.090E+00 XXXXXXXXXX
1.480E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
1.870E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.260E+00
2.650E+00
3.040E+00 XXXX
3.430E+00
3.820E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 5.05150E-01
MAXIMUM = 3.63546E+00
MEAN    = 1.46346E+00
STD DEV = 7.31747E-01
VARIANCE= 5.35454E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE EH (MV)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
8.500E+01	-	1.000E+02	12	12	25.00	25.00	4.856E+00	-2.385E+00
1.000E+02	-	1.150E+02	6	18	12.50	37.50	6.726E+00	-5.833E+00
1.150E+02	-	1.300E+02	14	32	29.17	66.67	7.842E+00	-6.056E+00
1.300E+02	-	1.450E+02	2	34	4.17	70.83	7.697E+00	-7.437E+00
1.450E+02	-	1.600E+02	6	40	12.50	83.33	6.360E+00	-5.416E+00
1.600E+02	-	1.750E+02	2	42	4.17	87.50	4.424E+00	-3.972E+00
1.750E+02	-	1.900E+02	2	44	4.17	91.67	2.590E+00	-1.818E+00
1.900E+02	-	2.050E+02	4	48	8.33	100.00	1.277E+00	1.856E+00
2.050E+02	-	2.200E+02	0	48	0.00	100.00	7.861E-01	-7.861E-01
	G		0	48	0.00	100.00		
	H		0	48				
	B		-9	57				
TOTALS LESS H AND B			48				4.256E+01	-3.185E+01

HISTOGRAM FOR VARIABLE EH (MV)

```
9.250E+01 XXXXXXXXXXXXXXXXXXXXXXX
1.075E+02 XXXXXXXXXXXXX
1.225E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.375E+02 XXXX
1.525E+02 XXXXXXXXXXXXX
1.675E+02 XXXX
1.825E+02 XXXX
1.975E+02 XXXXXXXX
2.125E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 8.50000E+01
MAXIMUM = 2.05000E+02
MEAN = 1.28375E+02
STD DEV = 3.58885E+01
VARIANCE= 1.28798E+03

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-EH (MV)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	0	0	0.00	0.00		
		T	0	0	0.00	0.00		
1.929E+00	-	1.977E+00	10	10	20.83	20.83	3.908E+00	=1.349E+00
1.977E+00	-	2.025E+00	6	16	12.50	33.33	5.757E+00	=4.714E+00
2.025E+00	-	2.073E+00	2	18	4.17	37.50	7.214E+00	=6.937E+00
2.073E+00	-	2.121E+00	14	32	29.17	66.67	7.692E+00	=5.871E+00
2.121E+00	-	2.169E+00	2	34	4.17	70.83	6.977E+00	=6.690E+00
2.169E+00	-	2.217E+00	6	40	12.50	83.33	5.384E+00	=4.270E+00
2.217E+00	-	2.265E+00	2	42	4.17	87.50	3.535E+00	=2.969E+00
2.265E+00	-	2.313E+00	6	48	12.50	100.00	3.473E+00	=1.745E+00
		G	0	48	0.00	100.00		
		H	0	48				
		B	9	57				
TOTALS LESS H AND B			48				4.394E+01	=3.455E+01

HISTOGRAM FOR VARIABLE L-EH (MV)

```
1.953E+00 XXXXXXXXXXXXXXXXXXX
2.001E+00 XXXXXXXXXXXX
2.049E+00 XXXX
2.097E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXX
2.145E+00 XXXX
2.193E+00 XXXXXXXXXXXX
2.241E+00 XXXX
2.289E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.92942E+00
MAXIMUM = 2.31175E+00
MEAN = 2.09245E+00
STD DEV = 1.18588E-01
VARIANCE= 1.40632E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PH (STANDARD UNITS)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
6.600E+00	-	6.840E+00	20	20	52.63	52.63	4.247E+00	4.617E-01
6.840E+00	-	7.080E+00	0	20	0.00	52.63	5.240E+00	-5.240E+00
7.080E+00	-	7.320E+00	2	22	5.26	57.89	5.631E+00	-5.276E+00
7.320E+00	-	7.560E+00	2	24	5.26	63.16	5.271E+00	-4.892E+00
7.560E+00	-	7.800E+00	6	30	15.79	78.95	4.299E+00	-2.903E+00
7.800E+00	-	8.040E+00	0	30	0.00	78.95	3.054E+00	-3.054E+00
8.040E+00	-	8.280E+00	8	38	21.05	100.00	3.682E+00	-1.510E+00
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.142E+01	-2.241E+01

HISTOGRAM FOR VARIABLE PH (STANDARD UNITS)

```
6.720E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.960E+00
7.200E+00 XXXXX
7.440E+00 XXXXX
7.680E+00 XXXXXXXXXXXXXXXX
7.920E+00
8.160E+00 XXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.60000E+00
MAXIMUM = 8.25000E+00
MEAN    = 7.20526E+00
STD DEV = 6.42395E-01
VARIANCE= 4.12672E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PH (STANDARD UNITS)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
8.195E-01	-	8.335E-01	20	20	52.63	52.63	4.127E+00	7.198E-01
8.335E-01	-	8.475E-01	0	20	0.00	52.63	5.120E+00	-5.120E+00
8.475E-01	-	8.615E-01	2	22	5.26	57.89	5.554E+00	-5.194E+00
8.615E-01	-	8.755E-01	2	24	5.26	63.16	5.267E+00	-4.887E+00
8.755E-01	-	8.895E-01	6	30	15.79	78.95	4.366E+00	-2.992E+00
8.895E-01	-	9.035E-01	0	30	0.00	78.95	3.164E+00	-3.164E+00
9.035E-01	-	9.175E-01	8	38	21.05	100.00	4.002E+00	-2.004E+00
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.160E+01	-2.264E+01

HISTOGRAM FOR VARIABLE L-PH (STANDARD UNITS)

```
8.265E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
8.405E-01
8.545E-01 XXXXX
8.685E-01 XXXXX
8.825E-01 XXXXXXXXXXXXXXXX
8.965E-01
9.105E-01 XXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 8.19544E-01
MAXIMUM = 9.16454E-01
MEAN    = 8.56012E-01
STD DEV = 3.79717E-02
VARIANCE= 1.44185E-03
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE       SUR AR  (SQUARE MILES)

        LIMITS             OBS   CUM    PERCENT  PERCENT               THEOR FREQ
   LOWER    -     UPPER    FREQ  FREQ    FREQ CUM FREQ               (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0      0.00      0.00
            L                0     0      0.00      0.00
            T                0     0      0.00      0.00
 1.100E+01 -  2.211E+03     48    48     85.71     85.71                1.352E+01              -9.965E+00
 2.211E+03 -  4.411E+03      2    50      3.57     89.29                1.199E+01              -1.183E+01
 4.411E+03 -  6.611E+03      4    54      7.14     96.43                7.351E+00              -6.807E+00
 6.611E+03 -  8.811E+03      0    54      0.00     96.43                3.110E+00              -3.110E+00
 8.811E+03 -  1.101E+04      0    54      0.00     96.43                9.081E-01              -9.081E-01
 1.101E+04 -  1.321E+04      0    54      0.00     96.43                1.829E-01              -1.829E-01
 1.321E+04 -  1.541E+04      0    54      0.00     96.43                2.540E-02              -2.540E-02
 1.541E+04 -  1.761E+04      2    56      3.57    100.00                2.598E-03               7.698E+02
            G                0    56      0.00    100.00
            H                0    56
            B                1    57

TOTALS LESS H AND B         56                                          3.709E+01               7.370E+02


HISTOGRAM FOR VARIABLE      SUR AR  (SQUARE MILES)

     1.111E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     3.311E+03 XXXX
     5.511E+03 XXXXXXX
     7.711E+03
     9.911E+03
     1.211E+04
     1.431E+04
     1.651E+04 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.10000E+01
MAXIMUM =  1.74400E+04
MEAN    =  1.50151E+03
STD DEV =  3.55848E+03
VARIANCE=  1.26628E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-SUR AR (SQUARE MILES)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.041E+00	-	1.441E+00	12	12	21.43	21.43	4.523E+00	-1.869E+00
1.441E+00	-	1.841E+00	0	12	0.00	21.43	7.220E+00	-7.220E+00
1.841E+00	-	2.241E+00	18	30	32.14	53.57	9.412E+00	-7.500E+00
2.241E+00	-	2.641E+00	10	40	17.86	71.43	1.002E+01	-9.021E+00
2.641E+00	-	3.041E+00	2	42	3.57	75.00	8.710E+00	-8.480E+00
3.041E+00	-	3.441E+00	6	48	10.71	85.71	6.182E+00	-5.212E+00
3.441E+00	-	3.841E+00	6	54	10.71	96.43	3.583E+00	-1.909E+00
3.841E+00	-	4.241E+00	0	54	0.00	96.43	1.696E+00	-1.696E+00
4.241E+00	-	4.641E+00	2	56	3.57	100.00	9.287E-01	1.225E+00
	G		0	56	0.00	100.00		
	H		0	56				
	B		1	57				
TOTALS LESS H AND B			56				5.227E+01	-4.168E+01

HISTOGRAM FOR VARIABLE L-SUR AR (SQUARE MILES)

```
1.241E+00 XXXXXXXXXXXXXXXXXXXX
1.641E+00
2.041E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.441E+00 XXXXXXXXXXXXXXXXX
2.841E+00 XXXX
3.241E+00 XXXXXXXXXXX
3.641E+00 XXXXXXXXXXX
4.041E+00
4.441E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.04139E+00
MAXIMUM = 4.24155E+00
MEAN = 2.36478E+00
STD DEV = 8.81011E-01
VARIANCE= 7.76180E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TEMP (DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
9.000E+00	-	1.110E+01	2	2	3.57	3.57	3.645E+00	-3.096E+00
1.110E+01	-	1.320E+01	10	12	17.86	21.43	6.606E+00	-5.093E+00
1.320E+01	-	1.530E+01	18	30	32.14	53.57	9.484E+00	-7.586E+00
1.530E+01	-	1.740E+01	8	38	14.29	67.86	1.076E+01	-1.004E+01
1.740E+01	-	1.950E+01	6	44	10.71	78.57	9.712E+00	-9.095E+00
1.950E+01	-	2.160E+01	2	46	3.57	82.14	6.928E+00	-6.640E+00
2.160E+01	-	2.370E+01	2	48	3.57	85.71	3.914E+00	-3.403E+00
2.370E+01	-	2.580E+01	6	54	10.71	96.43	1.751E+00	1.675E+00
2.580E+01	-	2.790E+01	2	56	3.57	100.00	8.412E-01	1.536E+00
	G		0	56	0.00	100.00		
	H		0	56				
	B		1	57				
TOTALS LESS H AND B			56				5.367E+01	-4.174E+01

HISTOGRAM FOR VARIABLE TEMP (DEG. C)

```
1.005E+01 XXXX
1.215E+01 XXXXXXXXXXXXXXXXX
1.425E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.635E+01 XXXXXXXXXXXXXX
1.845E+01 XXXXXXXXXXX
2.055E+01 XXXX
2.265E+01 XXXX
2.475E+01 XXXXXXXXXXX
2.685E+01 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 9.00000E+00
MAXIMUM = 2.60000E+01
MEAN    = 1.64571E+01
STD DEV = 4.30640E+00
VARIANCE= 1.85451E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TEMP (DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
9.542E-01	-	1.012E+00	2	2	3.57	3.57	1.669E+00	-4.712E-01
1.012E+00	-	1.070E+00	0	2	0.00	3.57	4.074E+00	-4.074E+00
1.070E+00	-	1.128E+00	10	12	17.86	21.43	7.573E+00	-6.253E+00
1.128E+00	-	1.186E+00	18	30	32.14	53.57	1.073E+01	-9.046E+00
1.186E+00	-	1.244E+00	8	38	14.29	67.86	1.157E+01	-1.086E+01
1.244E+00	-	1.302E+00	8	46	14.29	82.14	9.516E+00	-8.675E+00
1.302E+00	-	1.360E+00	0	46	0.00	82.14	5.961E+00	-5.961E+00
1.360E+00	-	1.418E+00	10	56	17.86	100.00	4.236E+00	-1.875E+00
	G		0	56	0.00	100.00		
	H		0	56				
	B		1	57				
TOTALS LESS H AND B			56				5.533E+01	-4.724E+01

HISTOGRAM FOR VARIABLE L-TEMP (DEG. C)

```
9.832E-01 XXXX
1.041E+00
1.099E+00 XXXXXXXXXXXXXXXXXX
1.157E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.215E+00 XXXXXXXXXXXXXX
1.273E+00 XXXXXXXXXXXXXX
1.331E+00
1.389E+00 XXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 9.54242E-01
MAXIMUM = 1.41497E+00
MEAN = 1.20247E+00
STD DEV = 1.09939E-01
VARIANCE= 1.20865E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE AL-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		13	13	27.08	27.08		
	T		0	13	0.00	27.08	1.637E+01	6.946E-01
6.000E+01	-	1.460E+03	28	41	58.33	85.42	1.448E+01	-1.255E+01
1.460E+03	-	2.860E+03	5	46	10.42	95.83	1.106E+01	-1.060E+01
2.860E+03	-	4.260E+03	0	46	0.00	95.83	4.764E+00	-4.764E+00
4.260E+03	-	5.660E+03	0	46	0.00	95.83	1.156E+00	-1.156E+00
5.660E+03	-	7.060E+03	1	47	2.08	97.92	1.579E-01	6.177E+00
7.060E+03	-	8.460E+03	0	47	0.00	97.92	1.209E-02	-1.209E-02
8.460E+03	-	9.860E+03	0	47	0.00	97.92	0.000E-01	0.000E-01
9.860E+03	-	1.126E+04	1	48	2.08	100.00	5.304E-04	1.886E+03
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.800E+01	1.863E+03

HISTOGRAM FOR VARIABLE AL-D (PPM)

```
     7.600E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.160E+03 XXXXXXXXXX
     3.560E+03
     4.960E+03
     6.360E+03 XX
     7.760E+03
     9.160E+03
     1.056E+04 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.00000E+01
MAXIMUM = 1.00000E+04
MEAN = 1.08143E+03
STD DEV = 2.05044E+03
VARIANCE= 4.20429E+06

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AL-D (PPM)

LIMITS LOWER	-	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - ORS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		13	13	27.08	27.08		
	T		0	13	0.00	27.08	1.004E+01	8.748E-01
1.778E+00	-	2.098E+00	9	22	18.75	45.83	7.785E+00	-6.629E+00
2.098E+00	-	2.418E+00	9	31	18.75	64.58	9.090E+00	-8.100E+00
2.418E+00	-	2.738E+00	6	37	12.50	77.08	8.458E+00	-7.749E+00
2.738E+00	-	3.058E+00	4	41	8.33	85.42	6.272E+00	-5.634E+00
3.058E+00	-	3.378E+00	1	42	2.08	87.50	3.706E+00	-3.436E+00
3.378E+00	-	3.698E+00	4	46	8.33	95.83	1.745E+00	5.479E-01
3.698E+00	-	4.018E+00	2	48	4.17	100.00	9.070E-01	1.298E+00
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.800E+01	-2.883E+01

HISTOGRAM FOR VARIABLE L-AL-D (PPM)

```
1.938E+00 XXXXXXXXXXXXXXXXXX
2.258E+00 XXXXXXXXXXXXXXXXXX
2.578E+00 XXXXXXXXXXXX
2.898E+00 XXXXXXXX
3.218E+00 XX
3.538E+00 XXXXXXXX
3.858E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.77815E+00
MAXIMUM =  4.00000E+00
MEAN    =  2.58200E+00
STD DEV =  5.86358E-01
VARIANCE=  3.43816E-01
```

```
                                                  FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        AL-TL (PPM)

       LIMITS             OBS   CUM    PERCENT  PERCENT            THEOR FREQ
  LOWER   -     UPPER     FREQ  FREQ    FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N               0     0      0.00     0.00
            L               4     4     10.26    10.26
            T               0     4      0.00    10.26             1.192E+01              5.263E+00
 7.000E+01 -  1.870E+03    29    33     74.36    84.62             9.856E+00             -6.914E+00
 1.870E+03 -  3.670E+03     2    35      5.13    89.74             8.983E+00             -8.760E+00
 3.670E+03 -  5.470E+03     1    36      2.56    92.31             5.411E+00             -5.226E+00
 5.470E+03 -  7.270E+03     1    37      2.56    94.87             2.153E+00             -1.689E+00
 7.270E+03 -  9.070E+03     0    37      0.00    94.87             5.659E-01             -5.659E-01
 9.070E+03 -  1.087E+04     1    38      2.56    97.44             9.814E-02              1.009E+01
 1.087E+04 -  1.267E+04     0    38      0.00    97.44             1.122E-02             -1.122E-02
 1.267E+04 -  1.447E+04     1    39      2.56   100.00             8.886E-04              1.125E+03
            G               0    39      0.00   100.00
            H               0    39
            B              18    57

TOTALS LESS H AND B        39                                      3.900E+01              1.118E+03


HISTOGRAM FOR VARIABLE        AL-TL (PPM)

     9.700E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.770E+03 XXXXX
     4.570E+03 XXX
     6.370E+03 XXX
     8.170E+03
     9.970E+03 XXX
     1.177E+04
     1.357E+04 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E+01
MAXIMUM =  1.30000E+04
MEAN    =  1.63057E+03
STD DEV =  2.85795E+03
VARIANCE=  8.16790E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AL-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	10.26	10.26		
	T		0	4	0.00	10.26	7.802E+00	1.853E+00
1.845E+00	-	2.165E+00	2	6	5.13	15.38	4.382E+00	-3.926E+00
2.165E+00	-	2.485E+00	10	16	25.64	41.03	5.197E+00	-3.273E+00
2.485E+00	-	2.805E+00	8	24	20.51	61.54	5.451E+00	-3.984E+00
2.805E+00	-	3.125E+00	6	30	15.38	76.92	5.056E+00	-3.869E+00
3.125E+00	-	3.445E+00	3	33	7.69	84.62	4.147E+00	-3.423E+00
3.445E+00	-	3.765E+00	3	36	7.69	92.31	3.008E+00	-2.010E+00
3.765E+00	-	4.085E+00	2	38	5.13	97.44	1.929E+00	-8.922E-01
4.085E+00	-	4.405E+00	1	39	2.56	100.00	2.029E+00	-1.536E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-2.106E+01

HISTOGRAM FOR VARIABLE L-AL-TL (PPM)

```
2.005E+00 XXXXX
2.325E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.645E+00 XXXXXXXXXXXXXXXXXXXX
2.965E+00 XXXXXXXXXXXXXX
3.285E+00 XXXXXXXX
3.605E+00 XXXXXXXX
3.925E+00 XXXXX
4.245E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.84510E+00
MAXIMUM = 4.11394E+00
MEAN    = 2.80991E+00
STD DEV = 5.64015E-01
VARIANCE= 3.18113E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          AL-S  (PPM)

       LIMITS           OBS   CUM    PERCENT  PERCENT          THEOR FREQ
   LOWER   -    UPPER   FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N            0     0     0.00     0.00
             L            0     0     0.00     0.00
             T            0     0     0.00     0.00
 6.000E+02 - 9.006E+05   14    14    82.35    82.35            3.333E+00                 8.672E-01
 9.006E+05 - 1.801E+06    1    15     5.88    88.24            3.219E+00                -2.908E+00
 1.801E+06 - 2.701E+06    0    15     0.00    88.24            2.423E+00                -2.423E+00
 2.701E+06 - 3.601E+06    0    15     0.00    88.24            1.421E+00                -1.421E+00
 3.601E+06 - 4.501E+06    0    15     0.00    88.24            6.490E-01                -6.490E-01
 4.501E+06 - 5.401E+06    2    17    11.76   100.00            3.116E-01                 6.108E+00
             G            0    17     0.00   100.00
             H            0    17
             B           40    57

TOTALS LESS H AND B      17                                    1.136E+01                -4.257E-01


HISTOGRAM FOR VARIABLE          AL-S  (PPM)

     4.506E+05 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.351E+06 XXXXXX
     2.251E+06
     3.151E+06
     4.051E+06
     4.951E+06 XXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  6.00000E+02
MAXIMUM =  5.40000E+06
MEAN    =  7.75094E+05
STD DEV =  1.78288E+06
VARIANCE=  3.17865E+12
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AL-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.778E+00	-	3.438E+00	7	7	41.18	41.18	2.383E+00	5.538E-01
3.438E+00	-	4.098E+00	2	9	11.76	52.94	3.078E+00	-2.42BE+00
4.098E+00	-	4.758E+00	4	13	23.53	76.47	3.173E+00	-1.912E+00
4.758E+00	-	5.418E+00	0	13	0.00	76.47	2.610E+00	-2.610E+00
5.418E+00	-	6.078E+00	1	14	5.88	82.35	1.714E+00	-1.130E+00
6.078E+00	-	6.738E+00	3	17	17.65	100.00	1.440E+00	6.433E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.440E+01	-6.884E+00

HISTOGRAM FOR VARIABLE L-AL-S (PPM)

```
3.108E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.768E+00 XXXXXXXXXXXX
4.428E+00 XXXXXXXXXXXXXXXXXXXXXXXX
5.088E+00
5.748E+00 XXXXXX
6.408E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.77815E+00
MAXIMUM = 6.73239E+00
MEAN    = 4.18680E+00
STD DEV = 1.37643E+00
VARIANCE= 1.89457E+00
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE        AL-TR  (PPM)

       LIMITS              OBS   CUM    PERCENT  PERCENT           THEOR FREQ
   LOWER  -     UPPER      FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0     0.00      0.00
            L                0     0     0.00      0.00
            T                0     0     0.00      0.00
 2.100E+02 -  9.002E+05     16    16    80.00     80.00             4.237E+00                -4.602E-01
 9.002E+05 -  1.800E+06      2    18    10.00     90.00             3.930E+00                -3.421E+00
 1.800E+06 -  2.700E+06      0    18     0.00     90.00             2.737E+00                -2.737E+00
 2.700E+06 -  3.600E+06      0    18     0.00     90.00             1.431E+00                -1.431E+00
 3.600E+06 -  4.500E+06      0    18     0.00     90.00             5.619E-01                -5.619E-01
 4.500E+06 -  5.400E+06      2    20    10.00    100.00             2.091E-01                 9.357E+00
            G                0    20     0.00    100.00
            H                0    20
            B               37    57

TOTALS LESS H AND B         20                                      1.311E+01                 7.457E-01


HISTOGRAM FOR VARIABLE        AL-TR  (PPM)

     4.502E+05 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.350E+06 XXXXXXXXXX
     2.250E+06
     3.150E+06
     4.050E+06
     4.950E+06 XXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.10000E+02
MAXIMUM =  5.40000E+06
MEAN    =  6.63989E+05
STD DEV =  1.66095E+06
VARIANCE=  2.75876E+12
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AL-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.322E+00	-	3.062E+00	5	5	25.00	25.00	2.644E+00	-7.538E-01
3.062E+00	-	3.802E+00	5	10	25.00	50.00	3.916E+00	-2.640E+00
3.802E+00	-	4.542E+00	6	16	30.00	80.00	4.317E+00	-2.928E+00
4.542E+00	-	5.282E+00	0	16	0.00	80.00	3.543E+00	-3.543E+00
5.282E+00	-	6.022E+00	1	17	5.00	85.00	2.164E+00	-1.701E+00
6.022E+00	-	6.762E+00	3	20	15.00	100.00	1.418E+00	6.981E-01
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				1.800E+01	-1.087E+01

HISTOGRAM FOR VARIABLE L-AL-TR (PPM)

```
2.692E+00 XXXXXXXXXXXXXXXXXXXXXXXX
3.432E+00 XXXXXXXXXXXXXXXXXXXXXXXX
4.172E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.912E+00
5.652E+00 XXXXX
6.392E+00 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.32222E+00
MAXIMUM = 6.73239E+00
MEAN = 4.04646E+00
STD DEV = 1.34480E+00
VARIANCE= 1.80848E+00

```
                                             FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE         AS-D  (PPB)

        LIMITS            OBS   CUM     PERCENT  PERCENT          THEOR FREQ
   LOWER   -     UPPER    FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0      0.00      0.00
            L               21    21     42.86     42.86
            T                0    21      0.00     42.86           1.835E+01                3.819E-01
 8.000E-01 -  6.300E+00     26    47     53.06     95.92           1.392E+01               -1.205E+01
 6.300E+00 -  1.180E+01      0    47      0.00     95.92           1.047E+01               -1.047E+01
 1.180E+01 -  1.730E+01      0    47      0.00     95.92           4.736E+00               -4.736E+00
 1.730E+01 -  2.280E+01      0    47      0.00     95.92           1.288E+00               -1.288E+00
 2.280E+01 -  2.830E+01      0    47      0.00     95.92           2.101E-01               -2.101E-01
 2.830E+01 -  3.380E+01      0    47      0.00     95.92           2.055E-02               -2.055E-02
 3.380E+01 -  3.930E+01      1    48      2.04     97.96           0.000E-01                0.000E-01
 3.930E+01 -  4.480E+01      1    49      2.04    100.00           1.245E-03                8.033E+02
            G                0    49      0.00    100.00
            H                0    49
            B                8    57

TOTALS LESS H AND B         49                                     4.900E+01                7.749E+02


HISTOGRAM FOR VARIABLE         AS-D (PPB)

     3.550E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.050E+00
     1.455E+01
     2.005E+01
     2.555E+01
     3.105E+01
     3.655E+01 XX
     4.205E+01 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  8.00000E-01
MAXIMUM =  3.96000E+01
MEAN    =  5.25000E+00
STD DEV =  9.55326E+00
VARIANCE=  9.12648E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AS-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		21	21	42.86	42.86		
	T		0	21	0.00	42.86	1.546E+01	1.985E+00
-9.691E-02	-	1.431E-01	4	25	8.16	51.02	9.432E+00	-9.008E+00
1.431E-01	-	3.831E-01	10	35	20.41	71.43	9.340E+00	-8.269E+00
3.831E-01	-	6.231E-01	9	44	18.37	89.80	7.238E+00	-5.994E+00
6.231E-01	-	8.631E-01	3	47	6.12	95.92	4.389E+00	-3.705E+00
8.631E-01	-	1.103E+00	0	47	0.00	95.92	2.082E+00	-2.082E+00
1.103E+00	-	1.343E+00	0	47	0.00	95.92	7.731E-01	-7.731E-01
1.343E+00	-	1.583E+00	1	48	2.04	97.96	2.245E-01	4.230E+00
1.583E+00	-	1.823E+00	1	49	2.04	100.00	6.148E-02	1.620E+01
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-7.413E+00

HISTOGRAM FOR VARIABLE L-AS-D (PPB)

```
     2.309E-02 XXXXXXXX
     2.631E-01 XXXXXXXXXXXXXXXXXXX
     5.031E-01 XXXXXXXXXXXXXXXXX
     7.431E-01 XXXXXX
     9.831E-01
     1.223E+00
     1.463E+00 XX
     1.703E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -9.69100E-02
MAXIMUM =  1.59770E+00
MEAN    =  4.59345E-01
STD DEV =  3.89922E-01
VARIANCE=  1.52039E-01
```

```
                                          FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE         AS-TL  (PPB)

         LIMITS              OBS   CUM    PERCENT  PERCENT             THEOR FREQ
   LOWER   -     UPPER       FREQ  FREQ    FREQ CUM FREQ             (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N                   0     0     0.00      0.00
           L                   9     9    23.08     23.08
           T                   0     9     0.00     23.08                1.236E+01              9.111E-01
 5.000E-01 -  6.700E+00       25    34    64.10     87.18                1.023E+01             -7.788E+00
 6.700E+00 -  1.290E+01        3    37     7.69     94.87                8.984E+00             -8.650E+00
 1.290E+01 -  1.910E+01        0    37     0.00     94.87                5.078E+00             -5.078E+00
 1.910E+01 -  2.530E+01        0    37     0.00     94.87                1.847E+00             -1.847E+00
 2.530E+01 -  3.150E+01        0    37     0.00     94.87                4.319E-01             -4.319E-01
 3.150E+01 -  3.770E+01        0    37     0.00     94.87                6.489E-02             -6.489E-02
 3.770E+01 -  4.390E+01        2    39     5.13    100.00                6.658E-03              3.004E+02
           G                   0    39     0.00    100.00
           H                   0    39
           B                  18    57

TOTALS LESS H AND B           39                                         3.900E+01              2.774E+02



HISTOGRAM FOR VARIABLE          AS-TL (PPB)

     3.600E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.800E+00 XXXXXXXX
     1.600E+01
     2.220E+01
     2.840E+01
     3.460E+01
     4.080E+01 XXXXX



THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  5.00000E-01
MAXIMUM =  4.36000E+01
MEAN    =  6.18000E+00
STD DEV =  1.01190E+01
VARIANCE=  1.02393E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AS-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	23.08	23.08		
	T		0	9	0.00	23.08	4.137E+00	5.715E+00
-3.010E-01	-	-2.103E-02	2	11	5.13	28.21	5.253E+00	-4.872E+00
-2.103E-02	-	2.590E-01	4	15	10.26	38.46	7.630E+00	-7.106E+00
2.590E-01	-	5.390E-01	11	26	28.21	66.67	8.306E+00	-6.982E+00
5.390E-01	-	8.190E-01	6	32	15.38	82.05	6.777E+00	-5.891E+00
8.190E-01	-	1.099E+00	5	37	12.82	94.87	4.143E+00	-2.936E+00
1.099E+00	-	1.379E+00	0	37	0.00	94.87	1.898E+00	-1.898E+00
1.379E+00	-	1.659E+00	2	39	5.13	100.00	8.561E-01	1.480E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-2.249E+01

HISTOGRAM FOR VARIABLE L-AS-TL (PPB)

```
-1.610E-01 XXXXX
 1.190E-01 XXXXXXXXXX
 3.990E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXX
 6.790E-01 XXXXXXXXXXXXXXX
 9.590E-01 XXXXXXXXXXXXX
 1.239E+00
 1.519E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.01030E-01
MAXIMUM =  1.63949E+00
MEAN    =  5.34118E-01
STD DEV =  4.25362E-01
VARIANCE=  1.80933E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE AS-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	42.11	42.11		
	T		0	8	0.00	42.11	6.547E+00	3.227E-01
5.000E-01	-	9.650E+01	9	17	47.37	89.47	5.090E+00	-3.322E+00
9.650E+01	-	1.925E+02	0	17	0.00	89.47	4.216E+00	-4.216E+00
1.925E+02	-	2.885E+02	0	17	0.00	89.47	2.221E+00	-2.221E+00
2.885E+02	-	3.845E+02	0	17	0.00	89.47	7.441E-01	-7.441E-01
3.845E+02	-	4.805E+02	2	19	10.53	100.00	1.816E-01	1.083E+01
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	6.490E-01

HISTOGRAM FOR VARIABLE AS-S (PPB)

```
4.850E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.445E+02
2.405E+02
3.365E+02
4.325E+02 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  5.00000E-01
MAXIMUM =  4.60000E+02
MEAN    =  9.72273E+01
STD DEV =  1.75886E+02
VARIANCE=  3.09359E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AS-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	42.11	42.11		
	T		0	8	0.00	42.11	4.331E+00	3.108E+00
-3.010E-01	-	2.990E-01	2	10	10.53	52.63	3.938E+00	-3.430E+00
2.990E-01	-	8.990E-01	5	15	26.32	78.95	4.319E+00	-3.161E+00
8.990E-01	-	1.499E+00	0	15	0.00	78.95	3.406E+00	-3.406E+00
1.499E+00	-	2.099E+00	2	17	10.53	89.47	1.931E+00	-8.960E-01
2.099E+00	-	2.699E+00	2	19	10.53	100.00	1.075E+00	7.858E-01
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	-6.999E+00

HISTOGRAM FOR VARIABLE L-AS-S (PPB)

```
-1.030E-03 XXXXXXXXXXX
 5.990E-01 XXXXXXXXXXXXXXXXXXXXXXXXXX
 1.199E+00
 1.799E+00 XXXXXXXXXXX
 2.399E+00 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -3.01030E-01
MAXIMUM = 2.68124E+00
MEAN = 1.02560E+00
STD DEV = 1.04641E+00
VARIANCE= 1.09497E+00

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        AS-TR  (PPB)

      LIMITS              OBS   CUM     PERCENT  PERCENT          THEOR FREQ
  LOWER  -     UPPER      FREQ  FREQ     FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N                0     0      0.00      0.00
           L                3     3     15.00     15.00
           T                0     3      0.00     15.00            6.848E+00              2.162E+00
 7.000E-01 -  8.070E+01    13    16     65.00     80.00            4.527E+00             -1.655E+00
 8.070E+01 -  1.607E+02     2    18     10.00     90.00            4.106E+00             -3.619E+00
 1.607E+02 -  2.407E+02     0    18      0.00     90.00            2.688E+00             -2.688E+00
 2.407E+02 -  3.207E+02     0    18      0.00     90.00            1.270E+00             -1.270E+00
 3.207E+02 -  4.007E+02     0    18      0.00     90.00            4.330E-01             -4.330E-01
 4.007E+02 -  4.807E+02     1    19      5.00     95.00            1.065E-01              9.287E+00
 4.807E+02 -  5.607E+02     1    20      5.00    100.00            2.152E-02              4.644E+01
           G                0    20      0.00    100.00
           H                0    20
           B               37    57

TOTALS LESS H AND B        20                                      2.000E+01              4.822E+01


HISTOGRAM FOR VARIABLE        AS-TR  (PPB)

     4.070E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.207E+02 XXXXXXXXXX
     2.007E+02
     2.807E+02
     3.607E+02
     4.407E+02 XXXXX
     5.207E+02 XXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E-01
MAXIMUM =  4.82900E+02
MEAN    =  6.66235E+01
STD DEV =  1.48256E+02
VARIANCE=  2.19800E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-AS-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	15.00	15.00		
	T		0	3	0.00	15.00	2.478E+00	1.099E-01
-1.549E-01	-	3.151E-01	1	4	5.00	20.00	3.063E+00	-2.736E+00
3.151E-01	-	7.851E-01	10	14	50.00	70.00	4.239E+00	-1.880E+00
7.851E-01	-	1.255E+00	2	16	10.00	80.00	4.304E+00	-3.839E+00
1.255E+00	-	1.725E+00	0	16	0.00	80.00	3.205E+00	-3.205E+00
1.725E+00	-	2.195E+00	2	18	10.00	90.00	1.751E+00	-6.091E-01
2.195E+00	-	2.665E+00	1	19	5.00	95.00	7.017E-01	7.235E-01
2.665E+00	-	3.135E+00	1	20	5.00	100.00	2.584E-01	3.611E+00
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				2.000E+01	-7.825E+00

HISTOGRAM FOR VARIABLE L-AS-TR (PPB)

```
8.010E-02 XXXXX
5.501E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.020E+00 XXXXXXXXXX
1.490E+00
1.960E+00 XXXXXXXXXX
2.430E+00 XXXXX
2.900E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -1.54902E-01
MAXIMUM = 2.68386E+00
MEAN = 9.50721E-01
STD DEV = 8.24911E-01
VARIANCE= 6.80478E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE B=D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	4.08	4.08		
	T		0	2	0.00	4.08	7.797E+00	4.310E+00
7.000E+00	-	6.900E+01	16	18	32.65	36.73	7.287E+00	-5.092E+00
6.900E+01	-	1.310E+02	15	33	30.61	67.35	9.301E+00	-7.688E+00
1.310E+02	-	1.930E+02	2	35	4.08	71.43	9.328E+00	-9.113E+00
1.930E+02	-	2.550E+02	4	39	8.16	79.59	7.350E+00	-6.806E+00
2.550E+02	-	3.170E+02	4	43	8.16	87.76	4.551E+00	-3.672E+00
3.170E+02	-	3.790E+02	2	45	4.08	91.84	2.214E+00	-1.310E+00
3.790E+02	-	4.410E+02	3	48	6.12	97.96	8.460E-01	2.700E+00
4.410E+02	-	5.030E+02	1	49	2.04	100.00	3.268E-01	2.734E+00
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-2.394E+01

HISTOGRAM FOR VARIABLE B=D (PPB)

```
3.800E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.000E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.620E+02 XXXX
2.240E+02 XXXXXXXX
2.860E+02 XXXXXXXX
3.480E+02 XXXX
4.100E+02 XXXXXX
4.720E+02 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.00000E+00
MAXIMUM = 5.00000E+02
MEAN = 1.37170E+02
STD DEV = 1.24732E+02
VARIANCE= 1.55581E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-B-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	4.08	4.08		
	T		0	2	0.00	4.08	9.241E-01	1.253E+00
8.451E-01	-	1.075E+00	2	4	4.08	8.16	1.638E+00	-4.177E-01
1.075E+00	-	1.305E+00	2	6	4.08	12.24	3.385E+00	-2.795E+00
1.305E+00	-	1.535E+00	1	7	2.04	14.29	5.708E+00	-5.532E+00
1.535E+00	-	1.765E+00	9	16	18.37	32.65	7.851E+00	-6.705E+00
1.765E+00	-	1.995E+00	9	25	18.37	51.02	8.812E+00	-7.791E+00
1.995E+00	-	2.225E+00	10	35	20.41	71.43	8.071E+00	-6.832E+00
2.225E+00	-	2.455E+00	6	41	12.24	83.67	6.031E+00	-5.036E+00
2.455E+00	-	2.685E+00	7	48	14.29	97.96	3.677E+00	-1.774E+00
2.685E+00	-	2.915E+00	1	49	2.04	100.00	2.902E+00	-2.557E+00
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-3.819E+01

HISTOGRAM FOR VARIABLE L-B-D (PPB)

```
9.601E-01 XXXX
1.190E+00 XXXX
1.420E+00 XX
1.650E+00 XXXXXXXXXXXXXXXXX
1.880E+00 XXXXXXXXXXXXXXXXX
2.110E+00 XXXXXXXXXXXXXXXXXXX
2.340E+00 XXXXXXXXXXX
2.570E+00 XXXXXXXXXXXXX
2.800E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 8.45098E-01
MAXIMUM = 2.69897E+00
MEAN = 1.95073E+00
STD DEV = 4.36908E-01
VARIANCE= 1.90888E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE B-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	2.56	2.56		
	T		0	1	0.00	2.56	6.617E+00	4.768E+00
1.000E+01	-	1.090E+02	20	21	51.28	53.85	7.015E+00	-4.165E+00
1.090E+02	-	2.080E+02	7	28	17.95	71.79	8.690E+00	-7.884E+00
2.080E+02	-	3.070E+02	5	33	12.82	84.62	7.855E+00	-7.218E+00
3.070E+02	-	4.060E+02	3	36	7.69	92.31	5.181E+00	-4.602E+00
4.060E+02	-	5.050E+02	1	37	2.56	94.87	2.494E+00	-2.093E+00
5.050E+02	-	6.040E+02	0	37	0.00	94.87	8.755E-01	-8.755E-01
6.040E+02	-	7.030E+02	2	39	5.13	100.00	2.723E-01	7.072E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-1.500E+01

HISTOGRAM FOR VARIABLE B-TL (PPB)

```
5.950E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.585E+02 XXXXXXXXXXXXXXXXX
2.575E+02 XXXXXXXXXXXX
3.565E+02 XXXXXXXX
4.555E+02 XXX
5.545E+02
6.535E+02 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E+01
MAXIMUM = 7.00000E+02
MEAN = 1.80368E+02
STD DEV = 1.74414E+02
VARIANCE= 3.04201E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-B-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	2.56	2.56		
	T		0	1	0.00	2.56	9.686E-01	1.016E-03
1.000E+00	-	1.260E+00	3	4	7.69	10.26	1.875E+00	-2.751E-01
1.260E+00	-	1.520E+00	5	9	12.82	23.08	3.866E+00	-2.573E+00
1.520E+00	-	1.780E+00	4	13	10.26	33.33	6.191E+00	-5.545E+00
1.780E+00	-	2.040E+00	8	21	20.51	53.85	7.697E+00	-6.658E+00
2.040E+00	-	2.300E+00	2	23	5.13	58.97	7.431E+00	-7.162E+00
2.300E+00	-	2.560E+00	10	33	25.64	84.62	5.571E+00	-3.777E+00
2.560E+00	-	2.820E+00	5	38	12.82	97.44	3.244E+00	-1.702E+00
2.820E+00	-	3.080E+00	1	39	2.56	100.00	2.156E+00	-1.692E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-2.938E+01

HISTOGRAM FOR VARIABLE L-B-TL (PPB)

```
1.130E+00 XXXXXXXX
1.390E+00 XXXXXXXXXXXXX
1.650E+00 XXXXXXXXXX
1.910E+00 XXXXXXXXXXXXXXXXXXXX
2.170E+00 XXXXX
2.430E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.690E+00 XXXXXXXXXXXXX
2.950E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+00
MAXIMUM = 2.84510E+00
MEAN    = 2.02238E+00
STD DEV = 5.04940E-01
VARIANCE= 2.54964E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE B-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	35.29	35.29		
	T		0	6	0.00	35.29	4.911E+00	2.416E-01
6.000E+01	-	1.480E+02	5	11	29.41	64.71	2.992E-01	1.641E+01
1.480E+02	-	2.360E+02	2	13	11.76	76.47	3.070E-01	6.207E+00
2.360E+02	-	3.240E+02	2	15	11.76	88.24	3.142E-01	6.051E+00
3.240E+02	-	4.120E+02	1	16	5.88	94.12	3.207E-01	2.797E+00
4.120E+02	-	5.000E+02	1	17	5.88	100.00	3.265E-01	2.736E+00
5.000E+02	-	5.880E+02	0	17	0.00	100.00	1.052E+01	-1.052E+01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	2.392E+01

HISTOGRAM FOR VARIABLE B-TR (PPB)

```
1.040E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXX
1.920E+02 XXXXXXXXXXX
2.800E+02 XXXXXXXXXXX
3.680E+02 XXXXXX
4.560E+02 XXXXXX
5.440E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E+01
MAXIMUM =  5.00000E+02
MEAN    =  2.12727E+02
STD DEV =  1.48330E+02
VARIANCE=  2.20018E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-B-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	35.29	35.29		
	T		0	6	0.00	35.29	1.851E+00	9.296E+00
1.778E+00	-	1.958E+00	3	9	17.65	52.94	1.089E+00	1.665E+00
1.958E+00	-	2.138E+00	2	11	11.76	64.71	1.429E+00	-2.900E-02
2.138E+00	-	2.318E+00	1	12	5.88	70.59	1.724E+00	-1.144E+00
2.318E+00	-	2.498E+00	3	15	17.65	88.24	1.914E+00	-3.462E-01
2.498E+00	-	2.678E+00	1	16	5.88	94.12	1.954E+00	-1.443E+00
2.678E+00	-	2.858E+00	1	17	5.88	100.00	7.038E+00	-6.896E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	1.102E+00

HISTOGRAM FOR VARIABLE L-B-TR (PPB)

```
1.868E+00 XXXXXXXXXXXXXXXXX
2.048E+00 XXXXXXXXXXX
2.228E+00 XXXXXX
2.408E+00 XXXXXXXXXXXXXXXXX
2.588E+00 XXXXXX
2.768E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.77815E+00
MAXIMUM = 2.69897E+00
MEAN    = 2.22222E+00
STD DEV = 3.26683E-01
VARIANCE= 1.06722E-01
```

```
                                   FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          BA-D  (PPB)

      LIMITS              OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -    UPPER      FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N                0     0     0.00      0.00
           L                4     4     8.16      8.16
           T                0     4     0.00      8.16           1.213E+01              5.452E+00
 7.000E+00 -  6.300E+01    37    41    75.51     83.67           1.770E+01             -1.561E+01
 6.300E+01 -  1.190E+02     6    47    12.24     95.92           1.385E+01             -1.342E+01
 1.190E+02 -  1.750E+02     1    48     2.04     97.96           4.623E+00             -4.407E+00
 1.750E+02 -  2.310E+02     0    48     0.00     97.96           6.542E-01             -6.542E-01
 2.310E+02 -  2.870E+02     0    48     0.00     97.96           3.891E-02             -3.891E-02
 2.870E+02 -  3.430E+02     0    48     0.00     97.96           0.000E-01              0.000E-01
 3.430E+02 -  3.990E+02     0    48     0.00     97.96           0.000E-01              0.000E-01
 3.990E+02 -  4.550E+02     1    49     2.04    100.00           9.737E-04              1.027E+03
           G                0    49     0.00    100.00
           H                0    49
           B                8    57

TOTALS LESS H AND B        49                                    4.900E+01              9.984E+02


HISTOGRAM FOR VARIABLE          BA-D (PPB)

     3.500E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.100E+01 XXXXXXXXXXXX
     1.470E+02 XX
     2.030E+02
     2.590E+02
     3.150E+02
     3.710E+02
     4.270E+02 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E+00
MAXIMUM =  4.00000E+02
MEAN    =  5.06667E+01
STD DEV =  5.95319E+01
VARIANCE=  3.54405E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BA-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	8.16	8.16		
	T		0	4	0.00	8.16	2.970E+00	3.573E-01
8.451E-01	-	1.095E+00	5	9	10.20	18.37	5.459E+00	-4.543E+00
1.095E+00	-	1.345E+00	6	15	12.24	30.61	9.499E+00	-8.867E+00
1.345E+00	-	1.595E+00	11	26	22.45	53.06	1.161E+01	-1.066E+01
1.595E+00	-	1.845E+00	15	41	30.61	83.67	9.967E+00	-8.462E+00
1.845E+00	-	2.095E+00	7	48	14.29	97.96	6.010E+00	-4.846E+00
2.095E+00	-	2.345E+00	0	48	0.00	97.96	2.545E+00	-2.545E+00
2.345E+00	-	2.595E+00	0	48	0.00	97.96	7.566E-01	-7.566E-01
2.595E+00	-	2.845E+00	1	49	2.04	100.00	1.835E-01	5.267E+00
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-3.506E+01

HISTOGRAM FOR VARIABLE L-BA-D (PPB)

```
9.701E-01 XXXXXXXXXX
1.220E+00 XXXXXXXXXXXX
1.470E+00 XXXXXXXXXXXXXXXXXXXXXX
1.720E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.970E+00 XXXXXXXXXXXXXX
2.220E+00
2.470E+00
2.720E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  8.45098E-01
MAXIMUM =  2.60206E+00
MEAN    =  1.56580E+00
STD DEV =  3.31219E-01
VARIANCE=  1.09706E-01
```

```
                              FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        BA-TL  (PPB)

      LIMITS              OBS   CUM    PERCENT  PERCENT             THEOR FREQ
  LOWER   -     UPPER     FREQ  FREQ    FREQ CUM FREQ             (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N              0     0     0.00      0.00
             L              1     1     2.70      2.70
             T              0     1     0.00      2.70              1.220E+01                 1.028E+01
 7.000E+00 -  2.070E+02    33    34    89.19     91.89              1.145E+01                -8.563E+00
 2.070E+02 -  4.070E+02     1    35     2.70     94.59              8.748E+00                -8.634E+00
 4.070E+02 -  6.070E+02     0    35     0.00     94.59              3.661E+00                -3.661E+00
 6.070E+02 -  8.070E+02     1    36     2.70     97.30              8.372E-01                 3.571E-01
 8.070E+02 -  1.007E+03     0    36     0.00     97.30              1.044E-01                -1.044E-01
 1.007E+03 -  1.207E+03     0    36     0.00     97.30              0.000E-01                 0.000E-01
 1.207E+03 -  1.407E+03     1    37     2.70    100.00              7.340E-03                 1.362E+02
             G              0    37     0.00    100.00
             H              0    37
             B             20    57

TOTALS LESS H AND B        37                                       3.700E+01                 1.259E+02


HISTOGRAM FOR VARIABLE        BA-TL  (PPB)

     1.070E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     3.070E+02 XXX
     5.070E+02
     7.070E+02 XXX
     9.070E+02
     1.107E+03
     1.307E+03 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E+00
MAXIMUM =  1.40000E+03
MEAN    =  1.20861E+02
STD DEV =  2.53866E+02
VARIANCE=  6.44477E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BA-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	2.70	2.70		
	T		0	1	0.00	2.70	1.694E+00	2.840E-01
8.451E-01	-	1.175E+00	3	4	8.11	10.81	3.872E+00	-3.097E+00
1.175E+00	-	1.505E+00	10	14	27.03	37.84	7.430E+00	-6.084E+00
1.505E+00	-	1.835E+00	12	26	32.43	70.27	9.451E+00	-8.182E+00
1.835E+00	-	2.165E+00	5	31	13.51	83.78	7.970E+00	-7.343E+00
2.165E+00	-	2.495E+00	3	34	8.11	91.89	4.455E+00	-3.782E+00
2.495E+00	-	2.825E+00	1	35	2.70	94.59	1.650E+00	-1.044E+00
2.825E+00	-	3.155E+00	2	37	5.41	100.00	4.781E-01	3.705E+00
	G		0	37	0.00	100.00		
	H		0	37				
	H		20	57				
TOTALS LESS H AND B			37				3.700E+01	-2.554E+01

HISTOGRAM FOR VARIABLE L-BA-TL (PPB)

```
1.010E+00 XXXXXXXX
1.340E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
1.670E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.000E+00 XXXXXXXXXXXXXX
2.330E+00 XXXXXXXX
2.660E+00 XXX
2.990E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 8.45098E-01
MAXIMUM = 3.14613E+00
MEAN    = 1.72871E+00
STD DEV = 4.77160E-01
VARIANCE= 2.27682E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE BA-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		12	12	70.59	70.59		
	T		0	12	0.00	70.59	6.005E+00	5.986E+00
2.000E+02	-	7.900E+03	3	15	17.65	88.24	5.289E+00	-4.722E+00
7.900E+03	-	1.560E+04	0	15	0.00	88.24	3.832E+00	-3.832E+00
1.560E+04	-	2.330E+04	0	15	0.00	88.24	1.510E+00	-1.510E+00
2.330E+04	-	3.100E+04	2	17	11.76	100.00	3.232E-01	5.865E+00
3.100E+04	-	3.870E+04	0	17	0.00	100.00	3.987E-02	-3.987E-02
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	1.746E+00

HISTOGRAM FOR VARIABLE BA-S (PPB)

```
     4.050E+03 XXXXXXXXXXXXXXXXX
     1.175E+04
     1.945E+04
     2.715E+04 XXXXXXXXXXXX
     3.485E+04
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.00000E+02
MAXIMUM = 3.10000E+04
MEAN    = 1.29800E+04
STD DEV = 1.48671E+04
VARIANCE= 2.21032E+08
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BA-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		12	12	70.59	70.59		
	T		0	12	0.00	70.59	1.211E+01	9.560E-04
2.301E+00	-	2.851E+00	2	14	11.76	82.35	1.908E+00	-8.604E-01
2.851E+00	-	3.401E+00	0	14	0.00	82.35	1.354E+00	-1.354E+00
3.401E+00	-	3.951E+00	1	15	5.88	88.24	8.368E-01	3.581E-01
3.951E+00	-	4.501E+00	2	17	11.76	100.00	7.936E-01	1.727E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-1.283E-01

HISTOGRAM FOR VARIABLE L-BA-S (PPB)

```
2.576E+00 XXXXXXXXXXXX
3.126E+00
3.676E+00 XXXXXX
4.226E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.30103E+00
MAXIMUM =  4.49136E+00
MEAN    =  3.56940E+00
STD DEV =  9.70818E-01
VARIANCE=  9.42487E-01
```

```
                                         FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        BA-TR  (PPB)

        LIMITS              OBS   CUM     PERCENT  PERCENT             THEOR FREQ
   LOWER    -     UPPER     FREQ  FREQ     FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

              N                0     0      0.00      0.00
              L                1     1      5.88      5.88
              T                0     1      0.00      5.88              5.744E+00               3.918E+00
  2.100E+01 -  5.221E+03      13    14     76.47     82.35              3.591E+00               2.903E-02
  5.221E+03 -  1.042E+04       1    15      5.88     88.24              3.364E+00              -3.067E+00
  1.042E+04 -  1.562E+04       0    15      0.00     88.24              2.367E+00              -2.367E+00
  1.562E+04 -  2.082E+04       0    15      0.00     88.24              1.251E+00              -1.251E+00
  2.082E+04 -  2.602E+04       0    15      0.00     88.24              4.961E-01              -4.961E-01
  2.602E+04 -  3.122E+04       2    17     11.76    100.00              1.871E-01               1.050E+01
              G                0    17      0.00    100.00
              H                0    17
              B               40    57

TOTALS LESS H AND B           17                                        1.700E+01               7.270E+00


HISTOGRAM FOR VARIABLE        BA-TR  (PPB)

     2.621E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     7.821E+03 XXXXXX
     1.302E+04
     1.822E+04
     2.342E+04
     2.862E+04 XXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.10000E+01
MAXIMUM =  3.10800E+04
MEAN    =  4.28213E+03
STD DEV =  9.85888E+03
VARIANCE=  9.71975E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BA-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	5.88	5.88		
	T		0	1	0.00	5.88	2.642E+00	1.021E+00
1.322E+00	-	1.852E+00	7	8	41.18	47.06	2.559E+00	1.771E-01
1.852E+00	-	2.382E+00	3	11	17.65	64.71	3.290E+00	-2.378E+00
2.382E+00	-	2.912E+00	1	12	5.88	70.59	3.292E+00	-2.988E+00
2.912E+00	-	3.442E+00	2	14	11.76	82.35	2.564E+00	-1.784E+00
3.442E+00	-	3.972E+00	1	15	5.88	88.24	1.554E+00	-9.105E-01
3.972E+00	-	4.502E+00	2	17	11.76	100.00	1.099E+00	7.199E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-6.143E+00

HISTOGRAM FOR VARIABLE L-BA-TR (PPB)

```
1.587E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.117E+00 XXXXXXXXXXXXXXXXX
2.647E+00 XXXXXX
3.177E+00 XXXXXXXXXXXX
3.707E+00 XXXXXX
4.237E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.32222E+00
MAXIMUM = 4.49248E+00
MEAN = 2.40763E+00
STD DEV = 1.07688E+00
VARIANCE= 1.15966E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE BE-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	37	37	94.87	94.87		
		T	0	37	0.00	94.87	3.442E+01	1.941E-01
1.000E+01	-	1.670E+01	1	38	2.56	97.44	4.470E+00	-4.246E+00
1.670E+01	-	2.340E+01	0	38	0.00	97.44	0.000E-01	0.000E-01
2.340E+01	-	3.010E+01	1	39	2.56	100.00	1.147E-01	8.603E+00
		G	0	39	0.00	100.00		
		H	0	39				
		B	18	57				
TOTALS LESS H AND B			39				3.900E+01	4.551E+00

HISTOGRAM FOR VARIABLE BE-TL (PPB)

```
1.335E+01 XXX
2.005E+01
2.675E+01 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+01
MAXIMUM =  3.00000E+01
MEAN    =  2.00000E+01
STD DEV =  1.41421E+01
VARIANCE=  2.00000E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BE-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		37	37	94.87	94.87		
	T		0	37	0.00	94.87	3.854E+01	6.120E-02
1.000E+00	-	1.160E+00	1	38	2.56	97.44	4.435E-01	1.811E+00
1.160E+00	-	1.320E+00	0	38	0.00	97.44	0.000E-01	0.000E-01
1.320E+00	-	1.480E+00	1	39	2.56	100.00	2.087E-02	4.790E+01
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	4.977E+01

HISTOGRAM FOR VARIABLE L-BE-TL (PPB)

```
1.080E+00 XXX
1.240E+00
1.400E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  1.47712E+00
MEAN    =  1.23856E+00
STD DEV =  3.37376E-01
VARIANCE=  1.13822E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE BE-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		18	18	90.00	90.00		
	T		0	18	0.00	90.00	7.378E+00	1.529E+01
1.000E+01	-	1.700E+01	1	19	5.00	95.00	4.523E-01	1.758E+00
1.700E+01	-	2.400E+01	0	19	0.00	95.00	4.598E-01	-4.598E-01
2.400E+01	-	3.100E+01	1	20	5.00	100.00	4.657E-01	1.681E+00
3.100E+01	-	3.800E+01	0	20	0.00	100.00	1.124E+01	-1.124E+01
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				2.000E+01	7.028E+00

HISTOGRAM FOR VARIABLE BE-TR (PPB)

```
1.350E+01 XXXXX
2.050E+01
2.750E+01 XXXXX
3.450E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+01
MAXIMUM = 3.10000E+01
MEAN    = 2.05000E+01
STD DEV = 1.48492E+01
VARIANCE= 2.20500E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BE-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		18	18	90.00	90.00		
	T		0	18	0.00	90.00	7.743E+00	1.359E+01
1.000E+00	-	1.160E+00	1	19	5.00	95.00	2.233E+00	-1.785E+00
1.160E+00	-	1.320E+00	0	19	0.00	95.00	2.235E+00	-2.235E+00
1.320E+00	-	1.480E+00	0	19	0.00	95.00	2.065E+00	-2.065E+00
1.480E+00	-	1.640E+00	1	20	5.00	100.00	5.723E+00	-5.549E+00
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				2.000E+01	1.952E+00

HISTOGRAM FOR VARIABLE L-BE-TR (PPB)

```
1.080E+00 XXXXX
1.240E+00
1.400E+00
1.560E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  1.49136E+00
MEAN    =  1.24566E+00
STD DEV =  3.47445E-01
VARIANCE=  1.20718E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        BGRS-D  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

        LIMITS             OBS   CUM     PERCENT  PERCENT          THEOR FREQ
   LOWER   -     UPPER     FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

              N              0     0      0.00      0.00
              L              0     0      0.00      0.00
              T              0     0      0.00      0.00
  4.500E+00 -  5.800E+00     2     2     66.67     66.67            4.710E-01              3.775E+00
  5.800E+00 -  7.100E+00     0     2      0.00     66.67            5.359E-01             -5.359E-01
  7.100E+00 -  8.400E+00     0     2      0.00     66.67            4.986E-01             -4.986E-01
  8.400E+00 -  9.700E+00     0     2      0.00     66.67            3.792E-01             -3.792E-01
  9.700E+00 -  1.100E+01     1     3     33.33    100.00            4.286E-01              1.904E+00
              G              0     3      0.00    100.00
              H              0     3
              B             54    57

TOTALS LESS H AND B          3                                      2.313E+00              4.265E+00


HISTOGRAM FOR VARIABLE        BGRS-D  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

     5.150E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     6.450E+00
     7.750E+00
     9.050E+00
     1.035E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4.50000E+00
MAXIMUM =  9.90000E+00
MEAN    =  6.63333E+00
STD DEV =  2.87286E+00
VARIANCE=  8.25333E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L8GRS-D (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
6.532E-01	-	7.392E-01	1	1	33.33	33.33	4.903E-01	1.549E+00
7.392E-01	-	8.252E-01	1	2	33.33	66.67	5.710E-01	1.180E+00
8.252E-01	-	9.112E-01	0	2	0.00	66.67	5.288E-01	-5.288E-01
9.112E-01	-	9.972E-01	1	3	33.33	100.00	7.782E-01	5.067E-01
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				2.368E+00	2.707E+00

HISTOGRAM FOR VARIABLE L8GRS-D (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

```
6.962E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
7.822E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
8.682E-01
9.542E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.53213E-01
MAXIMUM = 9.95635E-01
MEAN = 7.96403E-01
STD DEV = 1.77957E-01
VARIANCE= 3.16687E-02

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE       BGRS-TL  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

       LIMITS              OBS   CUM     PERCENT  PERCENT            THEOR FREQ
   LOWER   -      UPPER    FREQ  FREQ     FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N                0     0       0.00      0.00
           L                0     0       0.00      0.00
           T                0     0       0.00      0.00
  3.800E+00 -  5.200E+00    5     5      71.43     71.43              1.366E+00              2.296E+00
  5.200E+00 -  6.600E+00    0     5       0.00     71.43              1.507E+00             -1.507E+00
  6.600E+00 -  8.000E+00    1     6      14.29     85.71              1.241E+00             -4.347E-01
  8.000E+00 -  9.400E+00    0     6       0.00     85.71              7.613E-01             -7.613E-01
  9.400E+00 -  1.080E+01    0     6       0.00     85.71              3.482E-01             -3.482E-01
  1.080E+01 -  1.220E+01    1     7      14.29    100.00              1.554E-01              6.278E+00
           G                0     7       0.00    100.00
           H                0     7
           B               50    57

TOTALS LESS H AND B         7                                       5.379E+00              5.522E+00


HISTOGRAM FOR VARIABLE       BGRS-TL  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

     4.500E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.900E+00
     7.300E+00 XXXXXXXXXXXXXX
     8.700E+00
     1.010E+01
     1.150E+01 XXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  3.80000E+00
MAXIMUM =  1.10000E+01
MEAN    =  5.67143E+00
STD DEV =  2.55128E+00
VARIANCE=  6.50905E+00
```

```
                                     FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE      LBGRS-TL  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

       LIMITS                 OBS   CUM    PERCENT  PERCENT           THEOR FREQ
  LOWER    -     UPPER        FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                  0     0      0.00      0.00
            L                  0     0      0.00      0.00
            T                  0     0      0.00      0.00
 5.798E-01 -  6.718E-01        4     4     57.14     57.14              1.304E+00               1.762E+00
 6.718E-01 -  7.638E-01        1     5     14.29     71.43              1.558E+00              -9.159E-01
 7.638E-01 -  8.558E-01        1     6     14.29     85.71              1.362E+00              -6.284E-01
 8.558E-01 -  9.478E-01        0     6      0.00     85.71              8.725E-01              -8.725E-01
 9.478E-01 -  1.040E+00        0     6      0.00     85.71              4.091E-01              -4.091E-01
 1.040E+00 -  1.132E+00        1     7     14.29    100.00              1.832E-01               5.277E+00
            G                  0     7      0.00    100.00
            H                  0     7
            B                 50    57

TOTALS LESS H AND B            7                                        5.689E+00               4.213E+00


HISTOGRAM FOR VARIABLE      LBGRS-TL  (AS STRONTIUM/YTTRIUM-90)  (pC/ℓ)

     6.258E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     7.178E-01 XXXXXXXXXXXXXX
     8.098E-01 XXXXXXXXXXXXXX
     9.018E-01
     9.938E-01
     1.086E+00 XXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  5.79784E-01
MAXIMUM =  1.04139E+00
MEAN    =  7.24218E-01
STD DEV =  1.62628E-01
VARIANCE=  2.64480E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

'REQUENCY TABLE FOR VARIABLE BGRS-S (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	42.86	42.86		
	T		0	3	0.00	42.86	1.725E+00	9.418E-01
6.000E-01	-	1.700E+00	1	4	14.29	57.14	1.351E+00	-6.106E-01
1.700E+00	-	2.800E+00	0	4	0.00	57.14	1.462E+00	-1.462E+00
2.800E+00	-	3.900E+00	1	5	14.29	71.43	1.199E+00	-3.654E-01
3.900E+00	-	5.000E+00	1	6	14.29	85.71	7.450E-01	5.973E-01
5.000E+00	-	6.100E+00	1	7	14.29	100.00	5.172E-01	1.416E+00
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	5.171E-01

HISTOGRAM FOR VARIABLE BGRS-S (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

```
1.150E+00 XXXXXXXXXXXXX
2.250E+00
3.350E+00 XXXXXXXXXXXXX
4.450E+00 XXXXXXXXXXXXX
5.550E+00 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E-01
MAXIMUM =  5.20000E+00
MEAN    =  3.22500E+00
STD DEV =  1.98725E+00
VARIANCE=  3.94917E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BGRS-S (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	42.86	42.86		
	T		0	3	0.00	42.86	2.078E+00	4.090E-01
-2.218E-01	-	8.151E-03	1	4	14.29	57.14	1.170E+00	-3.145E-01
8.151E-03	-	2.382E-01	0	4	0.00	57.14	1.217E+00	-1.217E+00
2.382E-01	-	4.682E-01	1	5	14.29	71.43	1.043E+00	-8.494E-02
4.682E-01	-	6.982E-01	1	6	14.29	85.71	7.378E-01	6.176E-01
6.982E-01	-	9.282E-01	1	7	14.29	100.00	7.547E-01	5.705E-01
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	-1.890E-02

HISTOGRAM FOR VARIABLE L-BGRS-S (AS STRONTIUM/YTTRIUM-90) (pC/ℓ)

```
-1.068E-01 XXXXXXXXXXXXX
 1.232E-01
 3.532E-01 XXXXXXXXXXXXX
 5.832E-01 XXXXXXXXXXXXX
 8.132E-01 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -2.21849E-01
MAXIMUM =  7.16003E-01
MEAN    =  3.94950E-01
STD DEV =  4.24337E-01
VARIANCE=  1.80062E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE      BGRS-TL (AS CS-137) (pC/ℓ)

       LIMITS              OBS   CUM     PERCENT  PERCENT          THEOR FREQ
   LOWER   -      UPPER    FREQ  FREQ     FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N                0     0      0.00      0.00
             L                0     0      0.00      0.00
             T                0     0      0.00      0.00
 4.500E+00 -  6.900E+00       3     3     60.00     60.00             1.096E+00              1.642E+00
 6.900E+00 -  9.300E+00       1     4     20.00     80.00             1.178E+00             -3.283E-01
 9.300E+00 -  1.170E+01       0     4      0.00     80.00             8.830E-01             -8.830E-01
 1.170E+01 -  1.410E+01       1     5     20.00    100.00             6.820E-01              7.844E-01
             G                0     5      0.00    100.00
             H                0     5
             B               52    57

TOTALS LESS H AND B           5                                       3.838E+00              1.215E+00


HISTOGRAM FOR VARIABLE      BGRS-TL  (AS CS-137)  (pC/ℓ)

     5.700E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     8.100E+00 XXXXXXXXXXXXXXXXXXXX
     1.050E+01
     1.290E+01 XXXXXXXXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4.50000E+00
MAXIMUM =  1.40000E+01
MEAN    =  7.38000E+00
STD DEV =  3.93916E+00
VARIANCE=  1.55170E+01
```

```
                                            FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE      LBGRS-TL (AS CS-137)  (pC/ℓ)

       LIMITS                OBS   CUM    PERCENT  PERCENT           THEOR FREQ
  LOWER   -      UPPER       FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N                 0     0      0.00      0.00
             L                 0     0      0.00      0.00
             T                 0     0      0.00      0.00
 6.532E-01 -  7.732E-01        3     3     60.00     60.00              9.986E-01                2.006E+00
 7.732E-01 -  8.932E-01        0     3      0.00     60.00              1.161E+00               -1.161E+00
 8.932E-01 -  1.013E+00        1     4     20.00     80.00              9.614E-01                7.868E-02
 1.013E+00 -  1.133E+00        0     4      0.00     80.00              5.674E-01               -5.674E-01
 1.133E+00 -  1.253E+00        1     5     20.00    100.00              3.277E-01                2.724E+00
             G                 0     5      0.00    100.00
             H                 0     5
             B                52    57

TOTALS LESS H AND B            5                                        4.016E+00                3.080E+00


HISTOGRAM FOR VARIABLE     LBGRS-TL (AS CS-137)  (pC/ℓ)

     7.132E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     8.332E-01
     9.532E-01 XXXXXXXXXXXXXXXXXXXX
     1.073E+00
     1.193E+00 XXXXXXXXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  6.53213E-01
MAXIMUM =  1.14613E+00
MEAN    =  8.26499E-01
STD DEV =  2.03143E-01
VARIANCE=  4.12669E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE . . . BGRS-S (AS CS-137) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	20.00	20.00		
	T		0	1	0.00	20.00	7.778E-01	6.348E-02
4.000E-01	-	1.900E+00	1	2	20.00	40.00	8.389E-01	3.531E-01
1.900E+00	-	3.400E+00	0	2	0.00	40.00	1.075E+00	-1.075E+00
3.400E+00	-	4.900E+00	2	4	40.00	80.00	1.020E+00	9.398E-01
4.900E+00	-	6.400E+00	0	4	0.00	80.00	7.178E-01	-7.178E-01
6.400E+00	-	7.900E+00	1	5	20.00	100.00	5.704E-01	1.183E+00
	G		0	5	0.00	100.00		
	H		0	5				
	B		52	57				
TOTALS LESS H AND B			5				5.000E+00	7.466E-01

HISTOGRAM FOR VARIABLE BGRS-S (AS CS-137) (pC/ℓ)

```
1.150E+00 XXXXXXXXXXXXXXXXXXX
2.650E+00
4.150E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
5.650E+00
7.150E+00 XXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  4.00000E-01
MAXIMUM =  6.50000E+00
MEAN    =  3.82500E+00
STD DEV =  2.57472E+00
VARIANCE=  6.62917E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-BGRS-S (AS CS-137) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	20.00	20.00		
	T		0	1	0.00	20.00	6.972E-01	1.315E-01
-3.979E-01	-	-9.794E-02	1	2	20.00	40.00	7.039E-01	7.168E-01
-9.794E-02	-	2.021E-01	0	2	0.00	40.00	9.364E-01	-9.364E-01
2.021E-01	-	5.021E-01	0	2	0.00	40.00	9.746E-01	-9.746E-01
5.021E-01	-	8.021E-01	2	4	40.00	80.00	7.936E-01	1.727E+00
8.021E-01	-	1.102E+00	1	5	20.00	100.00	8.943E-01	2.240E-01
	G		0	5	0.00	100.00		
	H		0	5				
	B		52	57				
TOTALS LESS H AND B			5				5.000E+00	8.878E-01

HISTOGRAM FOR VARIABLE L-BGRS-S (AS CS-137) (pC/ℓ)

```
    -2.479E-01 XXXXXXXXXXXXXXXXXX
     5.206E-02
     3.521E-01
     6.521E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.521E-01 XXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.97940E-01
MAXIMUM =  8.12913E-01
MEAN    =  4.13129E-01
STD DEV =  5.50770E-01
VARIANCE=  3.03348E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CA-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
5.500E+00	-	2.350E+01	22	22	44.00	44.00	8.321E+00	-5.677E+00
2.350E+01	-	4.150E+01	13	35	26.00	70.00	1.011E+01	-8.829E+00
4.150E+01	-	5.950E+01	7	42	14.00	84.00	9.468E+00	-8.728E+00
5.950E+01	-	7.750E+01	4	46	8.00	92.00	6.825E+00	-6.239E+00
7.750E+01	-	9.550E+01	0	46	0.00	92.00	3.789E+00	-3.789E+00
9.550E+01	-	1.135E+02	0	46	0.00	92.00	1.620E+00	-1.620E+00
1.135E+02	-	1.315E+02	2	48	4.00	96.00	5.330E-01	3.219E+00
1.315E+02	-	1.495E+02	2	50	4.00	100.00	1.658E-01	1.189E+01
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				4.084E+01	-1.977E+01

HISTOGRAM FOR VARIABLE CA-D (PPM)

```
1.450E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.250E+01 XXXXXXXXXXXXXXXXXXXXXXXXX
5.050E+01 XXXXXXXXXXXXXX
6.850E+01 XXXXXXXX
8.650E+01
1.045E+02
1.225E+02 XXXX
1.405E+02 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 5.50000E+00
MAXIMUM = 1.46400E+02
MEAN    = 3.69480E+01
STD DEV = 3.48293E+01
VARIANCE= 1.21308E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CA-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
7.404E-01	-	9.204E-01	6	6	12.00	12.00	3.060E+00	-1.100E+00
9.204E-01	-	1.100E+00	6	12	12.00	24.00	5.519E+00	-4.432E+00
1.100E+00	-	1.280E+00	10	22	20.00	44.00	7.994E+00	-6.743E+00
1.280E+00	-	1.460E+00	5	27	10.00	54.00	9.301E+00	-8.763E+00
1.460E+00	-	1.640E+00	9	36	18.00	72.00	8.691E+00	-7.656E+00
1.640E+00	-	1.820E+00	7	43	14.00	86.00	6.524E+00	-5.451E+00
1.820E+00	-	2.000E+00	3	46	6.00	92.00	3.933E+00	-3.170E+00
2.000E+00	-	2.180E+00	4	50	8.00	100.00	2.948E+00	-1.591E+00
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				4.797E+01	-3.891E+01

HISTOGRAM FOR VARIABLE L-CA-D (PPM)

```
8.304E-01 XXXXXXXXXXX
1.010E+00 XXXXXXXXXXX
1.190E+00 XXXXXXXXXXXXXXXXXXX
1.370E+00 XXXXXXXXXX
1.550E+00 XXXXXXXXXXXXXXXXXX
1.730E+00 XXXXXXXXXXXXX
1.910E+00 XXXXXX
2.090E+00 XXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.40363E-01
MAXIMUM = 2.16554E+00
MEAN = 1.40470E+00
STD DEV = 3.80957E-01
VARIANCE= 1.45128E-01

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        CA-TL  (PPM)

       LIMITS              OBS    CUM      PERCENT  PERCENT          THEOR FREQ
   LOWER   -     UPPER     FREQ   FREQ      FREQ CUM FREQ           (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

               N             0      0       0,00       0,00
               L             0      0       0,00       0,00
               T             0      0       0,00       0,00
 5,500E+00 -   8,950E+01    35     35      89,74      89,74           9,805E+00                  -6,235E+00
 8,950E+01 -   1,735E+02     1     36       2,56      92,31           8,825E+00                  -8,711E+00
 1,735E+02 -   2,575E+02     1     37       2,56      94,87           5,289E+00                  -5,100E+00
 2,575E+02 -   3,415E+02     0     37       0,00      94,87           2,110E+00                  -2,110E+00
 3,415E+02 -   4,255E+02     0     37       0,00      94,87           5,603E-01                  -5,603E-01
 4,255E+02 -   5,095E+02     0     37       0,00      94,87           9,891E-02                  -9,891E-02
 5,095E+02 -   5,935E+02     1     38       2,56      97,44           1,180E-02                   8,618E+01
 5,935E+02 -   6,775E+02     1     39       2,56     100,00           9,510E-04                   1,051E+03
               G             0     39       0,00     100,00
               H             0     39
               B            18     57

TOTALS LESS H AND B         39                                        2,670E+01                   1,114E+03


HISTOGRAM FOR VARIABLE        CA-TL  (PPM)

     4,750E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1,315E+02 XXX
     2,155E+02 XXX
     2,995E+02
     3,835E+02
     4,675E+02
     5,515E+02 XXX
     6,355E+02 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  5,50000E+00
MAXIMUM =  5,96500E+02
MEAN    =  6,77308E+01
STD DEV =  1,29455E+02
VARIANCE=  1,67587E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CA-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
7.404E-01	-	1.030E+00	8	8	20.51	20.51	4.404E+00	-2.587E+00
1.030E+00	-	1.320E+00	8	16	20.51	41.03	7.422E+00	-6.345E+00
1.320E+00	-	1.610E+00	7	23	17.95	58.97	8.969E+00	-8.188E+00
1.610E+00	-	1.900E+00	12	35	30.77	89.74	7.770E+00	-6.225E+00
1.900E+00	-	2.190E+00	1	36	2.56	92.31	4.826E+00	-4.618E+00
2.190E+00	-	2.480E+00	1	37	2.56	94.87	2.148E+00	-1.683E+00
2.480E+00	-	2.770E+00	1	38	2.56	97.44	6.854E-01	7.735E-01
2.770E+00	-	3.060E+00	1	39	2.56	100.00	1.856E-01	5.203E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.641E+01	-2.367E+01

HISTOGRAM FOR VARIABLE L-CA-TL (PPM)

```
8.854E-01 XXXXXXXXXXXXXXXXXXXX
1.175E+00 XXXXXXXXXXXXXXXXXXXX
1.465E+00 XXXXXXXXXXXXXXXXX
1.755E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.045E+00 XXX
2.335E+00 XXX
2.625E+00 XXX
2.915E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.40363E-01
MAXIMUM = 2.77561E+00
MEAN = 1.48529E+00
STD DEV = 4.95607E-01
VARIANCE= 2.45627E-01

```
                                              FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          CA-S (PPM)

        LIMITS            OBS   CUM    PERCENT  PERCENT           THEOR FREQ
   LOWER   -    UPPER     FREQ  FREQ    FREQ CUM FREQ       (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N               0     0      0.00      0.00
            L               5     5     29.41     29.41
            T               0     5      0.00     29.41            5.772E+00               1.032E-01
 1.000E-01 -  5.910E+01     9    14     52.94     82.35            3.958E+00              -1.684E+00
 5.910E+01 -  1.181E+02     1    15      5.88     88.24            3.562E+00              -3.281E+00
 1.181E+02 -  1.771E+02     0    15      0.00     88.24            2.270E+00              -2.270E+00
 1.771E+02 -  2.361E+02     1    16      5.88     94.12            1.024E+00              -4.796E-02
 2.361E+02 -  2.951E+02     0    16      0.00     94.12            3.272E-01              -3.272E-01
 2.951E+02 -  3.541E+02     0    16      0.00     94.12            7.396E-02              -7.396E-02
 3.541E+02 -  4.131E+02     1    17      5.88    100.00            1.328E-02               7.531E+01
            G               0    17      0.00    100.00
            H               0    17
            B              40    57

TOTALS LESS H AND B        17                                      1.700E+01               6.773E+01


HISTOGRAM FOR VARIABLE          CA-S (PPM)

     2.960E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     8.860E+01 XXXXXX
     1.476E+02
     2.066E+02 XXXXXX
     2.656E+02
     3.246E+02
     3.836E+02 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.00000E-01
MAXIMUM =  3.56000E+02
MEAN    =  5.80333E+01
STD DEV =  1.14798E+02
VARIANCE=  1.31787E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CA-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	5	5	29.41	29.41		
		T	0	5	0.00	29.41	3.147E+00	1.090E+00
-1.000E+00	-	-4.100E-01	4	9	23.53	52.94	2.609E+00	-1.076E+00
-4.100E-01	-	1.800E-01	3	12	17.65	70.59	3.174E+00	-2.229E+00
1.800E-01	-	7.700E-01	1	13	5.88	76.47	3.080E+00	-2.756E+00
7.700E-01	-	1.360E+00	1	14	5.88	82.35	2.385E+00	-1.966E+00
1.360E+00	-	1.950E+00	1	15	5.88	88.24	1.474E+00	-7.955E-01
1.950E+00	-	2.540E+00	1	16	5.88	94.12	7.266E-01	6.496E-01
2.540E+00	-	3.130E+00	1	17	5.88	100.00	4.032E-01	2.077E+00
		G	0	17	0.00	100.00		
		H	0	17				
		B	40	57				
TOTALS LESS H AND B			17				1.700E+01	-5.005E+00

HISTOGRAM FOR VARIABLE L-CA-S (PPM)

```
    -7.050E-01 XXXXXXXXXXXXXXXXXXXXXXX
    -1.150E-01 XXXXXXXXXXXXXXXXX
     4.750E-01 XXXXXX
     1.065E+00 XXXXXX
     1.655E+00 XXXXXX
     2.245E+00 XXXXXX
     2.835E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.00000E+00
MAXIMUM =  2.55145E+00
MEAN    =  4.41722E-01
STD DEV =  1.30596E+00
VARIANCE=  1.70554E+00
```

```
                                              FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE         CA-TR (PPM)

        LIMITS            OBS   CUM    PERCENT  PERCENT           THEOR FREQ
   LOWER   -    UPPER     FREQ  FREQ    FREQ CUM FREQ         (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N               0     0      0.00      0.00
            L               0     0      0.00      0.00
            T               0     0      0.00      0.00
 8.200E+00 -  1.182E+02    16    16     80.00     80.00            3.700E+00               6.251E-01
 1.182E+02 -  2.282E+02     0    16      0.00     80.00            3.851E+00              -3.851E+00
 2.282E+02 -  3.382E+02     0    16      0.00     80.00            3.156E+00              -3.156E+00
 3.382E+02 -  4.482E+02     1    17      5.00     85.00            2.036E+00              -1.545E+00
 4.482E+02 -  5.582E+02     0    17      0.00     85.00            1.034E+00              -1.034E+00
 5.582E+02 -  6.682E+02     3    20     15.00    100.00            5.831E-01               4.561E+00
            G               0    20      0.00    100.00
            H               0    20
            B              37    57

TOTALS LESS H AND B        20                                      1.436E+01              -4.400E+00


HISTOGRAM FOR VARIABLE         CA-TR (PPM)

     6.320E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.732E+02
     2.832E+02
     3.932E+02 XXXXX
     5.032E+02
     6.132E+02 XXXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  8.20000E+00
MAXIMUM =  6.64900E+02
MEAN    =  1.36660E+02
STD DEV =  2.22645E+02
VARIANCE=  4.95710E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CA-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
9.138E-01	-	1.234E+00	7	7	35.00	35.00	2.599E+00	9.461E-02
1.234E+00	-	1.554E+00	2	9	10.00	45.00	3.704E+00	-3.164E+00
1.554E+00	-	1.874E+00	7	16	35.00	80.00	4.066E+00	-2.345E+00
1.874E+00	-	2.194E+00	0	16	0.00	80.00	3.438E+00	-3.438E+00
2.194E+00	-	2.514E+00	0	16	0.00	80.00	2.239E+00	-2.239E+00
2.514E+00	-	2.834E+00	4	20	20.00	100.00	1.721E+00	6.032E-01
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				1.777E+01	-1.049E+01

HISTOGRAM FOR VARIABLE L-CA-TR (PPM)

```
1.074E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.394E+00 XXXXXXXXXX
1.714E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.034E+00
2.354E+00
2.674E+00 XXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 9.13814E-01
MAXIMUM = 2.82276E+00
MEAN    = 1.66815E+00
STD DEV = 6.19313E-01
VARIANCE= 3.83549E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CD-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		44	44	89.80	89.80		
	T		0	44	0.00	89.80	1.913E+01	3.234E+01
4.000E+00	-	7.300E+00	1	45	2.04	91.84	2.219E+01	-2.214E+01
7.300E+00	-	1.060E+01	2	47	4.08	95.92	7.148E+00	-6.869E+00
1.060E+01	-	1.390E+01	0	47	0.00	95.92	5.256E-01	-5.256E-01
1.390E+01	-	1.720E+01	2	49	4.08	100.00	8.418E-03	2.376E+02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	2.404E+02

HISTOGRAM FOR VARIABLE CD-D (PPB)

```
5.650E+00 XX
8.950E+00 XXXX
1.225E+01
1.555E+01 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 4.00000E+00
MAXIMUM = 1.70000E+01
MEAN    = 1.10000E+01
STD DEV = 4.89898E+00
VARIANCE= 2.40000E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CD-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		44	44	89.80	89.80		
	T		0	44	0.00	89.80	1.893E+01	3.319E+01
6.021E-01	-	7.621E-01	1	45	2.04	91.84	2.054E+01	-2.049E+01
7.621E-01	-	9.221E-01	0	45	0.00	91.84	8.445E+00	-8.445E+00
9.221E-01	-	1.082E+00	2	47	4.08	95.92	1.045E+00	8.684E-01
1.082E+00	-	1.242E+00	2	49	4.08	100.00	3.835E-02	5.212E+01
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	5.724E+01

HISTOGRAM FOR VARIABLE L-CD-D (PPB)

```
6.821E-01 XX
8.421E-01
1.002E+00 XXXX
1.162E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.02060E-01
MAXIMUM = 1.23045E+00
MEAN    = 9.95727E-01
STD DEV = 2.41208E-01
VARIANCE= 5.81813E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CD-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		19	19	90.48	90.48		
	T		0	19	0.00	90.48	6.661E+00	2.286E+01
1.000E+01	-	1.330E+01	1	20	4.76	95.24	3.248E-03	3.078E+02
1.330E+01	-	1.660E+01	0	20	0.00	95.24	3.249E-03	-3.249E-03
1.660E+01	-	1.990E+01	0	20	0.00	95.24	3.250E-03	-3.250E-03
1.990E+01	-	2.320E+01	1	21	4.76	100.00	1.433E+01	-1.426E+01
	G		0	21	0.00	100.00		
	H		0	21				
	B		36	57				
TOTALS LESS H AND B			21				2.100E+01	3.164E+02

HISTOGRAM FOR VARIABLE CD-TR (PPB)

```
1.165E+01 XXXXX
1.495E+01
1.825E+01
2.155E+01 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+01
MAXIMUM = 2.00000E+01
MEAN    = 1.50000E+01
STD DEV = 7.07107E+00
VARIANCE= 5.00000E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CD-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		19	19	90.48	90.48		
	T		0	19	0.00	90.48	5.636E+00	3.168E+01
1.000E+00	-	1.100E+00	1	20	4.76	95.24	5.099E-01	1.451E+00
1.100E+00	-	1.200E+00	0	20	0.00	95.24	5.304E-01	-5.304E-01
1.200E+00	-	1.300E+00	0	20	0.00	95.24	5.488E-01	-5.488E-01
1.300E+00	-	1.400E+00	1	21	4.76	100.00	1.377E+01	-1.370E+01
	G		0	21	0.00	100.00		
	H		0	21				
	B		36	57				
TOTALS LESS H AND B			21				2.100E+01	1.835E+01

HISTOGRAM FOR VARIABLE L-CD-TR (PPB)

```
1.050E+00 XXXXX
1.150E+00
1.250E+00
1.350E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E+00
MAXIMUM = 1.30103E+00
MEAN = 1.15051E+00
STD DEV = 2.12860E-01
VARIANCE= 4.53095E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CR-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		30	30	78.95	78.95		
	T		0	30	0.00	78.95	1.807E+01	7.879E+00
1.000E+01	-	3.400E+01	5	35	13.16	92.11	1.266E+01	-1.227E+01
3.400E+01	-	5.800E+01	1	36	2.63	94.74	5.926E+00	-5.757E+00
5.800E+01	-	8.200E+01	0	36	0.00	94.74	1.225E+00	-1.225E+00
8.200E+01	-	1.060E+02	1	37	2.63	97.37	1.112E-01	8.884E+00
1.060E+02	-	1.300E+02	1	38	2.63	100.00	0.000E-01	0.000E-01
1.300E+02	-	1.540E+02	0	38	0.00	100.00	4.469E-03	-4.469E-03
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	-2.494E+00

HISTOGRAM FOR VARIABLE CR-TL (PPB)

```
2.200E+01 XXXXXXXXXXXX
4.600E+01 XXX
7.000E+01
9.400E+01 XXX
1.180E+02 XXX
1.420E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+01
MAXIMUM =  1.30000E+02
MEAN    =  4.00000E+01
STD DEV =  4.81070E+01
VARIANCE=  2.31429E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CR-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		30	30	78.95	78.95		
	T		0	30	0.00	78.95	2.823E+01	1.104E-01
1.000E+00	-	1.220E+00	5	35	13.16	92.11	5.711E+00	-4.836E+00
1.220E+00	-	1.440E+00	0	35	0.00	92.11	2.793E+00	-2.793E+00
1.440E+00	-	1.660E+00	1	36	2.63	94.74	9.721E-01	5.654E-02
1.660E+00	-	1.880E+00	0	36	0.00	94.74	2.406E-01	-2.406E-01
1.880E+00	-	2.100E+00	1	37	2.63	97.37	4.235E-02	2.357E+01
2.100E+00	-	2.320E+00	1	38	2.63	100.00	5.799E-03	1.724E+02
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	1.883E+02

HISTOGRAM FOR VARIABLE L-CR-TL (PPB)

```
1.110E+00 XXXXXXXXXXXX
1.330E+00
1.550E+00 XXX
1.770E+00
1.990E+00 XXX
2.210E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+00
MAXIMUM = 2.11394E+00
MEAN    = 1.33950E+00
STD DEV = 4.90082E-01
VARIANCE= 2.40180E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CR-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	5.661E+00	5.036E+00
1.000E+02	-	2.100E+03	3	14	17.65	82.35	4.664E+00	-4.021E+00
2.100E+03	-	4.100E+03	1	15	5.88	88.24	3.880E+00	-3.622E+00
4.100E+03	-	6.100E+03	0	15	0.00	88.24	2.006E+00	-2.006E+00
6.100E+03	-	8.100E+03	1	16	5.88	94.12	6.438E-01	9.095E-01
8.100E+03	-	1.010E+04	1	17	5.88	100.00	1.453E-01	6.739E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	3.035E+00

HISTOGRAM FOR VARIABLE CR-S (PPB)

```
1.100E+03 XXXXXXXXXXXXXXXXX
3.100E+03 XXXXXX
5.100E+03
7.100E+03 XXXXXX
9.100E+03 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E+02
MAXIMUM = 1.00000E+04
MEAN = 3.75000E+03
STD DEV = 3.86303E+03
VARIANCE= 1.49230E+07

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CR-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	1.085E+01	2.176E-03
2.000E+00	-	2.400E+00	1	12	5.88	70.59	1.763E+00	-1.196E+00
2.400E+00	-	2.800E+00	1	13	5.88	76.47	1.457E+00	-7.714E-01
2.800E+00	-	3.200E+00	0	13	0.00	76.47	1.105E+00	-1.105E+00
3.200E+00	-	3.600E+00	2	15	11.76	88.24	7.680E-01	1.836E+00
3.600E+00	-	4.000E+00	2	17	11.76	100.00	4.895E-01	3.596E+00
4.000E+00	-	4.400E+00	0	17	0.00	100.00	5.708E-01	-5.708E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	1.792E+00

HISTOGRAM FOR VARIABLE L-CR-S (PPB)

```
     2.200E+00 XXXXXX
     2.600E+00 XXXXXX
     3.000E+00
     3.400E+00 XXXXXXXXXXX
     3.800E+00 XXXXXXXXXXX
     4.200E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.00000E+00
MAXIMUM =  4.00000E+00
MEAN    =  3.20834E+00
STD DEV =  7.67585E-01
VARIANCE=  5.89186E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	42.11	42.11		
	T		0	8	0.00	42.11	6.296E+00	4.613E-01
1.000E+01	-	2.010E+03	8	16	42.11	84.21	5.396E+00	-3.914E+00
2.010E+03	-	4.010E+03	1	17	5.26	89.47	4.397E+00	-4.170E+00
4.010E+03	-	6.010E+03	0	17	0.00	89.47	2.153E+00	-2.153E+00
6.010E+03	-	8.010E+03	1	18	5.26	94.74	6.330E-01	9.467E-01
8.010E+03	-	1.001E+04	0	18	0.00	94.74	1.116E-01	-1.116E-01
1.001E+04	-	1.201E+04	1	19	5.26	100.00	1.255E-02	7.970E+01
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	7.076E+01

HISTOGRAM FOR VARIABLE CR-TR (PPB)

```
1.010E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.010E+03 XXXXX
5.010E+03
7.010E+03 XXXXX
9.010E+03
1.101E+04 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+01
MAXIMUM =  1.01300E+04
MEAN    =  2.07664E+03
STD DEV =  3.39807E+03
VARIANCE=  1.15469E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	42.11	42.11		
	T		0	8	0.00	42.11	5.330E+00	1.338E+00
1.000E+00	-	1.600E+00	5	13	26.32	68.42	3.711E+00	-2.363E+00
1.600E+00	-	2.200E+00	1	14	5.26	73.68	3.827E+00	-3.566E+00
2.200E+00	-	2.800E+00	1	15	5.26	78.95	3.028E+00	-2.698E+00
2.800E+00	-	3.400E+00	1	16	5.26	84.21	1.838E+00	-1.294E+00
3.400E+00	-	4.000E+00	2	18	10.53	94.74	8.560E-01	1.481E+00
4.000E+00	-	4.600E+00	1	19	5.26	100.00	4.102E-01	2.027E+00
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	-5.075E+00

HISTOGRAM FOR VARIABLE L-CR-TR (PPB)

```
1.300E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
1.900E+00 XXXXX
2.500E+00 XXXXX
3.100E+00 XXXXX
3.700E+00 XXXXXXXXXXX
4.300E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E+00
MAXIMUM = 4.00561E+00
MEAN = 2.21885E+00
STD DEV = 1.26598E+00
VARIANCE= 1.60245E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CU-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	39	39	81.25	81.25		
		T	0	39	0.00	81.25	3.572E+00	3.514E+02
1.000E+01	-	2.400E+01	2	41	4.17	85.42	9.831E+00	-9.628E+00
2.400E+01	-	3.800E+01	0	41	0.00	85.42	1.577E+01	-1.577E+01
3.800E+01	-	5.200E+01	1	42	2.08	87.50	1.265E+01	-1.257E+01
5.200E+01	-	6.600E+01	4	46	8.33	95.83	5.067E+00	-4.277E+00
6.600E+01	-	8.000E+01	2	48	4.17	100.00	1.012E+00	9.653E-01
8.000E+01	-	9.400E+01	0	48	0.00	100.00	1.053E-01	-1.053E-01
		G	0	48	0.00	100.00		
		H	0	48				
		B	9	57				
TOTALS LESS H AND B			48				4.800E+01	3.100E+02

HISTOGRAM FOR VARIABLE CU-D (PPB)

```
1.700E+01 XXXX
3.100E+01
4.500E+01 XX
5.900E+01 XXXXXXXX
7.300E+01 XXXX
8.700E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+01
MAXIMUM = 8.00000E+01
MEAN    = 5.22222E+01
STD DEV = 2.43812E+01
VARIANCE= 5.94444E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CU-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		39	39	81.25	81.25		
	T		0	39	0.00	81.25	4.367E-01	3.405E+03
1.000E+00	-	1.180E+00	1	40	2.08	83.33	2.937E+00	-2.596E+00
1.180E+00	-	1.360E+00	1	41	2.08	85.42	1.002E+01	-9.919E+00
1.360E+00	-	1.540E+00	0	41	0.00	85.42	1.631E+01	-1.631E+01
1.540E+00	-	1.720E+00	1	42	2.08	87.50	1.268E+01	-1.261E+01
1.720E+00	-	1.900E+00	4	46	8.33	95.83	4.712E+00	-3.863E+00
1.900E+00	-	2.080E+00	2	48	4.17	100.00	9.054E-01	1.304E+00
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.800E+01	3.361E+03

HISTOGRAM FOR VARIABLE L-CU-D (PPB)

```
1.090E+00 XX
1.270E+00 XX
1.450E+00
1.630E+00 XX
1.810E+00 XXXXXXXX
1.990E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+00
MAXIMUM = 1.90309E+00
MEAN    = 1.64687E+00
STD DEV = 3.04198E-01
VARIANCE= 9.25363E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CU-TL. (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		21	21	63.64	63.64		
	T		0	21	0.00	63.64	1.063E+01	1.011E+01
2.000E+01	-	8.200E+01	6	27	18.18	81.82	1.145E+01	-1.093E+01
8.200E+01	-	1.440E+02	5	32	15.15	96.97	7.926E+00	-7.295E+00
1.440E+02	-	2.060E+02	0	32	0.00	96.97	2.572E+00	-2.572E+00
2.060E+02	-	2.680E+02	0	32	0.00	96.97	3.895E-01	-3.895E-01
2.680E+02	-	3.300E+02	0	32	0.00	96.97	2.738E-02	-2.738E-02
3.300E+02	-	3.920E+02	1	33	3.03	100.00	9.011E-04	1.110E+03
	G		0	33	0.00	100.00		
	H		0	33				
	B		24	57				
TOTALS LESS H AND B			33				3.300E+01	1.099E+03

HISTOGRAM FOR VARIABLE CU-TL (PPB)

```
5.100E+01 XXXXXXXXXXXXXXXXX
1.130E+02 XXXXXXXXXXXXXX
1.750E+02
2.370E+02
2.990E+02
3.610E+02 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.00000E+01
MAXIMUM = 3.90000E+02
MEAN = 1.00833E+02
STD DEV = 9.79293E+01
VARIANCE= 9.59015E+03

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CU-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		21	21	63.64	63.64		
	T		0	21	0.00	63.64	7.695E+00	2.300E+01
1.301E+00	-	1.521E+00	2	23	6.06	69.70	7.854E+00	-7.600E+00
1.521E+00	-	1.741E+00	2	25	6.06	75.76	8.222E+00	-7.979E+00
1.741E+00	-	1.961E+00	2	27	6.06	81.82	5.681E+00	-5.329E+00
1.961E+00	-	2.181E+00	5	32	15.15	96.97	2.591E+00	-6.611E-01
2.181E+00	-	2.401E+00	0	32	0.00	96.97	7.794E-01	-7.794E-01
2.401E+00	-	2.621E+00	1	33	3.03	100.00	1.766E-01	5.487E+00
	G		0	33	0.00	100.00		
	H		0	33				
	B		24	57				
TOTALS LESS H AND B			33				3.300E+01	6.142E+00

HISTOGRAM FOR VARIABLE L-CU-TL (PPB)

```
1.411E+00 XXXXXX
1.631E+00 XXXXXX
1.851E+00 XXXXXX
2.071E+00 XXXXXXXXXXXXXX
2.291E+00
2.511E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.30103E+00
MAXIMUM = 2.59106E+00
MEAN = 1.87230E+00
STD DEV = 3.42065E-01
VARIANCE= 1.17009E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE CU-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		14	14	70.00	70.00		
	T		0	14	0.00	70.00	6.599E+00	8.299E+00
1.000E+01	-	3.700E+01	3	17	15.00	85.00	2.020E-01	1.465E+01
3.700E+01	-	6.400E+01	1	18	5.00	90.00	2.043E-01	4.690E+00
6.400E+01	-	9.100E+01	0	18	0.00	90.00	2.065E-01	-2.065E-01
9.100E+01	-	1.180E+02	0	18	0.00	90.00	2.085E-01	-2.085E-01
1.180E+02	-	1.450E+02	1	19	5.00	95.00	2.105E-01	4.541E+00
1.450E+02	-	1.720E+02	1	20	5.00	100.00	1.237E+01	-1.229E+01
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				2.000E+01	1.948E+01

HISTOGRAM FOR VARIABLE CU-TR (PPB)

```
2.350E+01 XXXXXXXXXXXXXXX
5.050E+01 XXXXX
7.750E+01
1.045E+02
1.315E+02 XXXXX
1.585E+02 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E+01
MAXIMUM = 1.47000E+02
MEAN = 6.35000E+01
STD DEV = 5.61311E+01
VARIANCE= 3.15070E+03

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-CU-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		14	14	70.00	70.00		
	T		0	14	0.00	70.00	1.449E+00	1.088E+02
1.000E+00	-	1.230E+00	1	15	5.00	75.00	1.190E+00	-3.489E-01
1.230E+00	-	1.460E+00	1	16	5.00	80.00	1.734E+00	-1.157E+00
1.460E+00	-	1.690E+00	2	18	10.00	90.00	2.253E+00	-1.366E+00
1.690E+00	-	1.920E+00	0	18	0.00	90.00	2.611E+00	-2.611E+00
1.920E+00	-	2.150E+00	1	19	5.00	95.00	2.696E+00	-2.326E+00
2.150E+00	-	2.380E+00	1	20	5.00	100.00	8.068E+00	-7.944E+00
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				2.000E+01	9.301E+01

HISTOGRAM FOR VARIABLE L-CU-TR (PPB)

```
1.115E+00 XXXXX
1.345E+00 XXXXX
1.575E+00 XXXXXXXXXX
1.805E+00
2.035E+00 XXXXX
2.265E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  2.16732E+00
MEAN    =  1.63785E+00
STD DEV =  4.36258E-01
VARIANCE=  1.90321E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE FE-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		20	20	40.82	40.82		
	T		0	20	0.00	40.82	1.648E+01	7.527E-01
3.000E+01	-	5.300E+02	22	42	44.90	85.71	1.475E+01	1.326E+01
5.300E+02	-	1.030E+03	1	43	2.04	87.76	1.139E+01	-1.130E+01
1.030E+03	-	1.530E+03	4	47	8.16	95.92	4.973E+00	-4.169E+00
1.530E+03	-	2.030E+03	0	47	0.00	95.92	1.226E+00	-1.226E+00
2.030E+03	-	2.530E+03	1	48	2.04	97.96	1.704E-01	5.697E+00
2.530E+03	-	3.030E+03	0	48	0.00	97.96	1.332E-02	-1.332E-02
3.030E+03	-	3.530E+03	1	49	2.04	100.00	5.980E-04	1.672E+03
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	1.649E+03

HISTOGRAM FOR VARIABLE FE-D (PPM)

```
     2.800E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     7.800E+02 XX
     1.280E+03 XXXXXXXX
     1.780E+03
     2.280E+03 XX
     2.780E+03
     3.280E+03 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.00000E+01
MAXIMUM = 3.50000E+03
MEAN = 4.84483E+02
STD DEV = 7.95099E+02
VARIANCE= 6.32183E+05

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-FE-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		20	20	40.82	40.82		
	T		0	20	0.00	40.82	8.069E+00	1.764E+01
1.477E+00	-	1.777E+00	3	23	6.12	46.94	8.423E+00	-8.067E+00
1.777E+00	-	2.077E+00	13	36	26.53	73.47	1.058E+01	-9.347E+00
2.077E+00	-	2.377E+00	4	40	8.16	81.63	9.850E+00	-9.444E+00
2.377E+00	-	2.677E+00	2	42	4.08	85.71	6.805E+00	-6.511E+00
2.677E+00	-	2.977E+00	1	43	2.04	87.76	3.487E+00	-3.200E+00
2.977E+00	-	3.277E+00	4	47	8.16	95.92	1.325E+00	1.695E+00
3.277E+00	-	3.577E+00	2	49	4.08	100.00	4.647E-01	3.840E+00
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-1.339E+01

HISTOGRAM FOR VARIABLE L-FE-D (PPM)

```
1.627E+00 XXXXXX
1.927E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
2.227E+00 XXXXXXXX
2.527E+00 XXXX
2.827E+00 XX
3.127E+00 XXXXXXXX
3.427E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.47712E+00
MAXIMUM =  3.54407E+00
MEAN    =  2.28408E+00
STD DEV =  5.53880E-01
VARIANCE=  3.06783E-01
```

```
                                  FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        FE-TL  (PPM)

      LIMITS                OBS   CUM     PERCENT  PERCENT          THEOR FREQ
  LOWER   -     UPPER       FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                 0     0       0.00      0.00
            L                 3     3       7.69      7.69
            T                 0     3       0.00      7.69             1.542E+01               1.000E+01
 7.000E+01 -  1.007E+04      34    37      87.18     94.87             1.296E+01              -1.033E+01
 1.007E+04 -  2.007E+04       1    38       2.56     97.44             7.897E+00              -7.770E+00
 2.007E+04 -  3.007E+04       0    38       0.00     97.44             2.358E+00              -2.358E+00
 3.007E+04 -  4.007E+04       0    38       0.00     97.44             3.436E-01              -3.436E-01
 4.007E+04 -  5.007E+04       0    38       0.00     97.44             2.432E-02              -2.432E-02
 5.007E+04 -  6.007E+04       0    38       0.00     97.44             0.000E-01               0.000E-01
 6.007E+04 -  7.007E+04       1    39       2.56    100.00             8.453E-04               1.183E+03
            G                 0    39       0.00    100.00
            H                 0    39
            B                18    57

TOTALS LESS H AND B          39                                        3.900E+01               1.172E+03


HISTOGRAM FOR VARIABLE        FE-TL  (PPM)

    5.070E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    1.507E+04 XXX
    2.507E+04
    3.507E+04
    4.507E+04
    5.507E+04
    6.507E+04 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E+01
MAXIMUM =  7.00340E+04
MEAN    =  3.01250E+03
STD DEV =  1.18244E+04
VARIANCE=  1.39817E+08
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-FE-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	7.69	7.69		
	T		0	3	0.00	7.69	4.025E+00	2.609E-01
1.845E+00	-	2.275E+00	9	12	23.08	30.77	6.304E+00	-4.876E+00
2.275E+00	-	2.705E+00	7	19	17.95	48.72	9.273E+00	-8.518E+00
2.705E+00	-	3.135E+00	14	33	35.90	84.62	9.236E+00	-7.720E+00
3.135E+00	-	3.565E+00	4	37	10.26	94.87	6.229E+00	-5.587E+00
3.565E+00	-	3.995E+00	0	37	0.00	94.87	2.844E+00	-2.844E+00
3.995E+00	-	4.425E+00	1	38	2.56	97.44	8.786E-01	2.596E-01
4.425E+00	-	4.855E+00	1	39	2.56	100.00	2.121E-01	4.502E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-2.452E+01

HISTOGRAM FOR VARIABLE L-FE-TL (PPM)

```
2.060E+00 XXXXXXXXXXXXXXXXXXXXX
2.490E+00 XXXXXXXXXXXXXXXXX
2.920E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.350E+00 XXXXXXXXXX
3.780E+00
4.210E+00 XXX
4.640E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.84510E+00
MAXIMUM =  4.84531E+00
MEAN    =  2.72248E+00
STD DEV =  6.09352E-01
VARIANCE=  3.71310E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE           FE-8 (PPM)

       LIMITS              OBS   CUM     PERCENT  PERCENT           THEOR FREQ
  LOWER   -    UPPER       FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0      0.00     0.00
            L                1     1      5.56     5.56
            T                0     1      0.00     5.56             6.028E+00              4.194E+00
 2.000E-01 -  3.402E+02     13    14     72.22    77.78             3.696E+00             -1.784E-01
 3.402E+02 -  6.802E+02      2    16     11.11    88.89             3.508E+00             -2.938E+00
 6.802E+02 -  1.020E+03      0    16      0.00    88.89             2.538E+00             -2.538E+00
 1.020E+03 -  1.360E+03      0    16      0.00    88.89             1.399E+00             -1.399E+00
 1.360E+03 -  1.700E+03      0    16      0.00    88.89             5.874E-01             -5.874E-01
 1.700E+03 -  2.040E+03      1    17      5.56    94.44             1.879E-01              5.134E+00
 2.040E+03 -  2.380E+03      1    18      5.56   100.00             5.561E-02              1.793E+01
            G                0    18      0.00   100.00
            H                0    18
            B               39    57

TOTALS LESS H AND B         18                                      1.800E+01              1.961E+01


HISTOGRAM FOR VARIABLE          FE-8   (PPM)

    1.702E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    5.102E+02 XXXXXXXXXXX
    8.502E+02
    1.190E+03
    1.530E+03
    1.870E+03 XXXXXX
    2.210E+03 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.00000E-01
MAXIMUM =  2.05200E+03
MEAN    =  2.91265E+02
STD DEV =  6.60704E+02
VARIANCE=  4.36529E+05
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-FE-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-6.990E-01	-	-2.897E-02	6	6	35.29	35.29	2.284E+00	3.433E-01
-2.897E-02	-	6.410E-01	3	9	17.65	52.94	3.029E+00	-2.039E+00
6.410E-01	-	1.311E+00	4	13	23.53	76.47	3.204E+00	-1.955E+00
1.311E+00	-	1.981E+00	0	13	0.00	76.47	2.702E+00	-2.702E+00
1.981E+00	-	2.651E+00	1	14	5.88	82.35	1.817E+00	-1.267E+00
2.651E+00	-	3.321E+00	3	17	17.65	100.00	1.582E+00	3.148E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.462E+01	-7.305E+00

HISTOGRAM FOR VARIABLE L-FE-S (PPM)

```
-3.640E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 3.060E-01 XXXXXXXXXXXXXXXXX
 9.760E-01 XXXXXXXXXXXXXXXXXXXXXXXX
 1.646E+00
 2.316E+00 XXXXXX
 2.986E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -6.98970E-01
MAXIMUM =  3.31218E+00
MEAN    =  8.06882E-01
STD DEV =  1.39472E+00
VARIANCE=  1.94526E+00
```

```
                                    FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        FE-TR (PPM)

      LIMITS             OBS   CUM    PERCENT  PERCENT        THEOR FREQ
  LOWER   -    UPPER     FREQ  FREQ    FREQ CUM FREQ         (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

          N                0     0     0,00      0,00
          L                0     0     0,00      0,00
          T                0     0     0,00      0,00
 4,000E+02 -  3,204E+05   18    18    94,74     94,74          5,409E+00              -2,081E+00
 3,204E+05 -  6,404E+05    0    18     0,00     94,74          3,810E+00              -3,810E+00
 6,404E+05 -  9,604E+05    0    18     0,00     94,74          1,600E+00              -1,600E+00
 9,604E+05 -  1,280E+06    0    18     0,00     94,74          3,998E-01              -3,998E-01
 1,280E+06 -  1,600E+06    0    18     0,00     94,74          5,938E-02              -5,938E-02
 1,600E+06 -  1,920E+06    1    19     5,26    100,00          5,515E-03               1,813E+02
          G                0    19     0,00    100,00
          H                0    19
          B               38    57

TOTALS LESS H AND B       19                                   1,128E+01               1,734E+02


HISTOGRAM FOR VARIABLE        FE-TR (PPM)

    1,604E+05 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    4,804E+05
    8,004E+05
    1,120E+06
    1,440E+06
    1,760E+06 XXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4,00000E+02
MAXIMUM =  1,90000E+06
MEAN    =  1,03702E+05
STD DEV =  4,35010E+05
VARIANCE=  1,89234E+11
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-FE-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.602E+00	-	3.212E+00	8	8	42.11	42.11	4.237E+00	-2.349E+00
3.212E+00	-	3.822E+00	7	15	36.84	78.95	5.534E+00	-4.269E+00
3.822E+00	-	4.432E+00	3	18	15.79	94.74	4.242E+00	-3.535E+00
4.432E+00	-	5.042E+00	0	18	0.00	94.74	1.908E+00	-1.908E+00
5.042E+00	-	5.652E+00	0	18	0.00	94.74	5.032E-01	-5.032E-01
5.652E+00	-	6.262E+00	0	18	0.00	94.74	7.765E-02	-7.765E-02
6.262E+00	-	6.872E+00	1	19	5.26	100.00	7.377E-03	1.355E+02
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.651E+01	1.229E+02

HISTOGRAM FOR VARIABLE L-FE-TR (PPM)

```
     2.907E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     3.517E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     4.127E+00 XXXXXXXXXXXXXXXX
     4.737E+00
     5.347E+00
     5.957E+00
     6.567E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.60206E+00
MAXIMUM = 6.27875E+00
MEAN = 3.51775E+00
STD DEV = 8.16505E-01
VARIANCE= 6.66680E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE GRSA=D (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	33.33	33.33		
	T		0	1	0.00	33.33	8.123E-01	4.336E-02
3.700E+00	-	1.470E+01	1	2	33.33	66.67	6.343E-01	9.421E-01
1.470E+01	-	2.570E+01	0	2	0.00	66.67	6.501E-01	-6.501E-01
2.570E+01	-	3.670E+01	0	2	0.00	66.67	4.878E-01	-4.878E-01
3.670E+01	-	4.770E+01	1	3	33.33	100.00	4.154E-01	1.992E+00
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				3.000E+00	1.839E+00

HISTOGRAM FOR VARIABLE GRSA=D (AS U NATURAL) (PPB)

```
9.200E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.020E+01
3.120E+01
4.220E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.70000E+00
MAXIMUM = 3.80000E+01
MEAN = 2.08500E+01
STD DEV = 2.42538E+01
VARIANCE= 5.88245E+02

FREQUENCY TABLE FOR VARIABLE LGRSA-D (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	33.33	33.33		
	T		0	1	0.00	33.33	7.333E-01	9.699E-02
5.682E-01	-	9.082E-01	1	2	33.33	66.67	6.781E-01	7.968E-01
9.082E-01	-	1.248E+00	0	2	0.00	66.67	7.088E-01	-7.088E-01
1.248E+00	-	1.588E+00	1	3	33.33	100.00	8.798E-01	2.568E-01
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				3.000E+00	4.417E-01

HISTOGRAM FOR VARIABLE LGRSA-D (AS U NATURAL) (PPB)

```
     7.382E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.078E+00
     1.418E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.68202E-01
MAXIMUM = 1.57978E+00
MEAN = 1.07399E+00
STD DEV = 7.15296E-01
VARIANCE= 5.11649E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE GRSA-TL (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	28.57	28.57		
	T		0	2	0.00	28.57	2.174E+00	1.400E-02
1.300E+00	-	1.120E+01	4	6	57.14	85.71	1.847E+00	3.178E-01
1.120E+01	-	2.110E+01	0	6	0.00	85.71	1.633E+00	-1.633E+00
2.110E+01	-	3.100E+01	0	6	0.00	85.71	9.228E-01	-9.228E-01
3.100E+01	-	4.090E+01	0	6	0.00	85.71	3.331E-01	-3.331E-01
4.090E+01	-	5.080E+01	1	7	14.29	100.00	8.918E-02	1.112E+01
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	8.567E+00

HISTOGRAM FOR VARIABLE GRSA-TL (AS U NATURAL) (PPB)

```
6.250E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.615E+01
2.605E+01
3.595E+01
4.585E+01 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.30000E+00
MAXIMUM = 4.10000E+01
MEAN = 1.12200E+01
STD DEV = 1.68215E+01
VARIANCE= 2.82962E+02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LGRSA-TL (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	28.57	28.57		
	T		0	2	0.00	28.57	1.412E+00	2.448E-01
1.139E-01	-	4.839E-01	2	4	28.57	57.14	1.676E+00	-4.834E-01
4.839E-01	-	8.539E-01	1	5	14.29	71.43	1.849E+00	-1.308E+00
8.539E-01	-	1.224E+00	1	6	14.29	85.71	1.294E+00	-5.211E-01
1.224E+00	-	1.594E+00	0	6	0.00	85.71	5.747E-01	-5.747E-01
1.594E+00	-	1.964E+00	1	7	14.29	100.00	1.943E-01	4.953E+00
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	2.311E+00

HISTOGRAM FOR VARIABLE LGRSA-TL (AS U NATURAL) (PPB)

```
     2.989E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXX
     6.689E-01 XXXXXXXXXXXXXX
     1.039E+00 XXXXXXXXXXXXXX
     1.409E+00
     1.779E+00 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.13943E-01
MAXIMUM = 1.61278E+00
MEAN = 7.10405E-01
STD DEV = 5.80139E-01
VARIANCE= 3.36561E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE GRSA-S (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	42.86	42.86		
	T		0	3	0.00	42.86	2.502E+00	9.930E-02
1.000E+00	-	1.880E+00	2	5	28.57	71.43	1.438E+00	-4.732E-02
1.880E+00	-	2.760E+00	0	5	0.00	71.43	1.326E+00	-1.326E+00
2.760E+00	-	3.640E+00	1	6	14.29	85.71	9.357E-01	1.330E-01
3.640E+00	-	4.520E+00	1	7	14.29	100.00	7.983E-01	4.543E-01
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	-6.870E-01

HISTOGRAM FOR VARIABLE GRSA-S (AS U NATURAL) (PPB)

```
1.440E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.320E+00
3.200E+00 XXXXXXXXXXXXXX
4.080E+00 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  4.50000E+00
MEAN    =  2.52500E+00
STD DEV =  1.75190E+00
VARIANCE=  3.06917E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-GRSA-S (AS U NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		3	3	42.86	42.86		
	T		0	3	0.00	42.86	3.460E+00	6.115E-02
0.000E-01	-	1.600E-01	2	5	28.57	71.43	9.809E-01	1.058E+00
1.600E-01	-	3.200E-01	0	5	0.00	71.43	8.685E-01	-8.685E-01
3.200E-01	-	4.800E-01	0	5	0.00	71.43	6.775E-01	-6.775E-01
4.800E-01	-	6.400E-01	1	6	14.29	85.71	4.656E-01	1.682E+00
6.400E-01	-	8.000E-01	1	7	14.29	100.00	5.475E-01	1.279E+00
	G		0	7	0.00	100.00		
	H		0	7				
	B		50	57				
TOTALS LESS H AND B			7				7.000E+00	2.534E+00

HISTOGRAM FOR VARIABLE L-GRSA-S (AS U NATURAL) (PPB)

```
8.000E-02 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.400E-01
4.000E-01
5.600E-01 XXXXXXXXXXXXXX
7.200E-01 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 0.00000E-01
MAXIMUM = 6.53213E-01
MEAN    = 3.09668E-01
STD DEV = 3.37062E-01
VARIANCE= 1.13611E-01
```

```
                                  FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE         HG-D (PPB)

       LIMITS              OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -     UPPER      FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0     0     0.00      0.00
            L               16    16    32.00     32.00
            T                0    16     0.00     32.00             1.624E+01              3.671E-03
 4.000E-01 -  2.800E+00     26    42    52.00     84.00             1.343E+01             -1.149E+01
 2.800E+00 -  5.200E+00      4    46     8.00     92.00             1.148E+01             -1.113E+01
 5.200E+00 -  7.600E+00      0    46     0.00     92.00             6.203E+00             -6.203E+00
 7.600E+00 -  1.000E+01      0    46     0.00     92.00             2.118E+00             -2.118E+00
 1.000E+01 -  1.240E+01      2    48     4.00     96.00             4.567E-01              3.923E+00
 1.240E+01 -  1.480E+01      1    49     2.00     98.00             6.210E-02              1.604E+01
 1.480E+01 -  1.720E+01      1    50     2.00    100.00             5.616E-03              1.781E+02
            G                0    50     0.00    100.00
            H                0    50
            B                7    57

TOTALS LESS H AND B         50                                      5.000E+01              1.671E+02


HISTOGRAM FOR VARIABLE         HG-D (PPB)

     1.600E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     4.000E+00 XXXXXXXX
     6.400E+00
     8.800E+00
     1.120E+01 XXXX
     1.360E+01 XX
     1.600E+01 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4.00000E-01
MAXIMUM =  1.70000E+01
MEAN    =  2.70000E+00
STD DEV =  4.03072E+00
VARIANCE=  1.62467E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-HG-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	16	16	32.00	32.00		
		T	0	16	0.00	32.00	1.100E+01	2.276E+00
-3.979E-01	-	-1.679E-01	11	27	22.00	54.00	8.446E+00	-7.144E+00
-1.679E-01	-	6.206E-02	6	33	12.00	66.00	9.673E+00	-9.052E+00
6.206E-02	-	2.921E-01	5	38	10.00	76.00	8.754E+00	-8.183E+00
2.921E-01	-	5.221E-01	6	44	12.00	88.00	6.260E+00	-5.302E+00
5.221E-01	-	7.521E-01	2	46	4.00	92.00	3.538E+00	-2.972E+00
7.521E-01	-	9.821E-01	0	46	0.00	92.00	1.580E+00	-1.580E+00
9.821E-01	-	1.212E+00	3	49	6.00	98.00	5.572E-01	4.827E+00
1.212E+00	-	1.442E+00	1	50	2.00	100.00	1.963E-01	4.897E+00
		G	0	50	0.00	100.00		
		H	0	50				
		B	7	57				
TOTALS LESS H AND B			50				5.000E+01	-2.223E+01

HISTOGRAM FOR VARIABLE L-HG-D (PPB)

```
    -2.829E-01 XXXXXXXXXXXXXXXXXXXXX
    -5.294E-02 XXXXXXXXXXX
     1.771E-01 XXXXXXXXXX
     4.071E-01 XXXXXXXXXXX
     6.371E-01 XXXX
     8.671E-01
     1.097E+00 XXXXXX
     1.327E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -3.97940E-01
MAXIMUM = 1.23045E+00
MEAN = 1.24630E-01
STD DEV = 4.82486E-01
VARIANCE= 2.32793E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE HG-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		16	16	41.03	41.03		
	T		0	16	0.00	41.03	1.234E+01	1.088E+00
4.000E-01	-	2.800E+00	17	33	43.59	84.62	1.069E+01	9.104E+00
2.800E+00	-	5.200E+00	3	36	7.69	92.31	9.157E+00	8.829E+00
5.200E+00	-	7.600E+00	0	36	0.00	92.31	4.855E+00	4.855E+00
7.600E+00	-	1.000E+01	1	37	2.56	94.87	1.592E+00	9.645E-01
1.000E+01	-	1.240E+01	1	38	2.56	97.44	3.229E-01	2.774E+00
1.240E+01	-	1.480E+01	0	38	0.00	97.44	4.042E-02	4.042E-02
1.480E+01	-	1.720E+01	1	39	2.56	100.00	3.271E-03	3.057E+02
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	2.858E+02

HISTOGRAM FOR VARIABLE HG-TL (PPB)

```
1.600E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.000E+00 XXXXXXXX
6.400E+00
8.800E+00 XXX
1.120E+01 XXX
1.360E+01
1.600E+01 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 4.00000E-01
MAXIMUM = 1.70000E+01
MEAN = 3.09565E+00
STD DEV = 4.12007E+00
VARIANCE= 1.69750E+01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-HG-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	16	16	41.03	41.03		
		T	0	16	0.00	41.03	7.961E+00	8.119E+00
-3.979E-01	-	-1.679E-01	6	22	15.38	56.41	6.422E+00	-5.488E+00
-1.679E-01	-	6.206E-02	4	26	10.26	66.67	7.548E+00	-7.018E+00
6.206E-02	-	2.921E-01	1	27	2.56	69.23	6.998E+00	-6.856E+00
2.921E-01	-	5.221E-01	7	34	17.95	87.18	5.118E+00	-3.751E+00
5.221E-01	-	7.521E-01	2	36	5.13	92.31	2.953E+00	-2.276E+00
7.521E-01	-	9.821E-01	0	36	0.00	92.31	1.344E+00	-1.344E+00
9.821E-01	-	1.212E+00	2	38	5.13	97.44	4.822E-01	3.665E+00
1.212E+00	-	1.442E+00	1	39	2.56	100.00	1.731E-01	5.603E+00
		G	0	39	0.00	100.00		
		H	0	39				
		B	18	57				
TOTALS LESS H AND B			39				3.900E+01	-9.345E+00

HISTOGRAM FOR VARIABLE L-HG-TL (PPB)

```
   -2.829E-01 XXXXXXXXXXXXXXX
   -5.294E-02 XXXXXXXXXX
    1.771E-01 XXX
    4.071E-01 XXXXXXXXXXXXXXXXXX
    6.371E-01 XXXXX
    8.671E-01
    1.097E+00 XXXXX
    1.327E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.97940E-01
MAXIMUM =  1.23045E+00
MEAN    =  2.07557E-01
STD DEV =  4.98731E-01
VARIANCE=  2.48733E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE K-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		10	10	20.00	20.00		
	T		0	10	0.00	20.00	8.492E+00	2.677E-01
5.000E-01	-	1.700E+00	6	16	12.00	32.00	7.121E+00	-6.279E+00
1.700E+00	-	2.900E+00	13	29	26.00	58.00	8.907E+00	-7.447E+00
2.900E+00	-	4.100E+00	12	41	24.00	82.00	9.005E+00	-7.672E+00
4.100E+00	-	5.300E+00	1	42	2.00	84.00	7.360E+00	-7.224E+00
5.300E+00	-	6.500E+00	1	43	2.00	86.00	4.863E+00	-4.658E+00
6.500E+00	-	7.700E+00	1	44	2.00	88.00	2.597E+00	-2.213E+00
7.700E+00	-	8.900E+00	5	49	10.00	98.00	1.121E+00	3.337E+00
8.900E+00	-	1.010E+01	1	50	2.00	100.00	5.323E-01	1.346E+00
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				5.000E+01	-3.054E+01

HISTOGRAM FOR VARIABLE K-D (PPM)

```
1.100E+00 XXXXXXXXXXX
2.300E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
3.500E+00 XXXXXXXXXXXXXXXXXXXXXXX
4.700E+00 XX
5.900E+00 XX
7.100E+00 XX
8.300E+00 XXXXXXXXXX
9.500E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.00000E-01
MAXIMUM = 9.00000E+00
MEAN = 3.67750E+00
STD DEV = 2.39353E+00
VARIANCE= 5.72897E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-K-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		10	10	20.00	20.00		
	T		0	10	0.00	20.00	1.177E+01	2.650E-01
-3.010E-01	-	-1.210E-01	2	12	4.00	24.00	4.592E+00	-4.156E+00
-1.210E-01	-	5.897E-02	4	16	8.00	32.00	5.186E+00	-4.415E+00
5.897E-02	-	2.390E-01	0	16	0.00	32.00	5.438E+00	-5.438E+00
2.390E-01	-	4.190E-01	5	21	10.00	42.00	5.293E+00	-4.348E+00
4.190E-01	-	5.990E-01	18	39	36.00	78.00	4.782E+00	-1.018E+00
5.990E-01	-	7.790E-01	3	42	6.00	84.00	4.011E+00	-3.263E+00
7.790E-01	-	9.590E-01	8	50	16.00	100.00	8.933E+00	-8.038E+00
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				5.000E+01	-3.041E+01

HISTOGRAM FOR VARIABLE L-K-D (PPM)

```
   -2.110E-01 XXXX
   -3.103E-02 XXXXXXXX
    1.490E-01
    3.290E-01 XXXXXXXXXX
    5.090E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    6.890E-01 XXXXXX
    8.690E-01 XXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.01030E-01
MAXIMUM =  9.54242E-01
MEAN    =  4.66892E-01
STD DEV =  3.19691E-01
VARIANCE=  1.02202E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE K-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	10	10	25.64	25.64		
		T	0	10	0.00	25.64	9.210E+00	6.776E-02
2.000E-01	-	3.300E+00	18	28	46.15	71.79	1.006E+01	-8.275E+00
3.300E+00	-	6.400E+00	3	31	7.69	79.49	1.016E+01	-9.868E+00
6.400E+00	-	9.500E+00	6	37	15.38	94.87	6.378E+00	-5.437E+00
9.500E+00	-	1.260E+01	0	37	0.00	94.87	2.486E+00	-2.486E+00
1.260E+01	-	1.570E+01	1	38	2.56	97.44	6.012E-01	1.062E+00
1.570E+01	-	1.880E+01	0	38	0.00	97.44	9.014E-02	-9.014E-02
1.880E+01	-	2.190E+01	0	38	0.00	97.44	8.366E-03	-8.366E-03
2.190E+01	-	2.500E+01	1	39	2.56	100.00	4.972E-04	2.011E+03
		G	0	39	0.00	100.00		
		H	0	39				
		B	18	57				
TOTALS LESS H AND B			39				3.900E+01	1.986E+03

HISTOGRAM FOR VARIABLE K-TL (PPM)

```
1.750E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.850E+00 XXXXXXXX
7.950E+00 XXXXXXXXXXXXXX
1.105E+01
1.415E+01 XXX
1.725E+01
2.035E+01
2.345E+01 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.00000E-01
MAXIMUM = 2.20000E+01
MEAN = 4.48966E+00
STD DEV = 4.60274E+00
VARIANCE= 2.11852E+01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-K-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		10	10	25.64	25.64		
	T		0	10	0.00	25.64	5.894E+00	2.860E+00
-6.990E-01	-	-4.090E-01	1	11	2.56	28.21	4.193E+00	-3.955E+00
-4.090E-01	-	-1.190E-01	3	14	7.69	35.90	5.361E+00	-4.801E+00
-1.190E-01	-	1.710E-01	2	16	5.13	41.03	5.924E+00	-5.586E+00
1.710E-01	-	4.610E-01	7	23	17.95	58.97	5.659E+00	-4.422E+00
4.610E-01	-	7.510E-01	8	31	20.51	79.49	4.673E+00	-2.961E+00
7.510E-01	-	1.041E+00	6	37	15.38	94.87	3.336E+00	-1.537E+00
1.041E+00	-	1.331E+00	1	38	2.56	97.44	2.058E+00	-1.572E+00
1.331E+00	-	1.621E+00	1	39	2.56	100.00	1.902E+00	-1.377E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-2.335E+01

HISTOGRAM FOR VARIABLE L-K-TL (PPM)

```
-5.540E-01 XXX
-2.640E-01 XXXXXXXX
 2.603E-02 XXXXX
 3.160E-01 XXXXXXXXXXXXXXXXX
 6.060E-01 XXXXXXXXXXXXXXXXXXXX
 8.960E-01 XXXXXXXXXXXXXX
 1.186E+00 XXX
 1.476E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -6.98970E-01
MAXIMUM =  1.34242E+00
MEAN    =  4.52373E-01
STD DEV =  4.62177E-01
VARIANCE=  2.13607E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE K-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	23.53	23.53		
	T		0	4	0.00	23.53	5.307E+00	3.219E-01
1.000E-01	-	6.010E+01	9	13	52.94	76.47	3.166E+00	-3.230E-01
6.010E+01	-	1.201E+02	1	14	5.88	82.35	3.172E+00	-2.857E+00
1.201E+02	-	1.801E+02	0	14	0.00	82.35	2.522E+00	-2.522E+00
1.801E+02	-	2.401E+02	1	15	5.88	88.24	1.591E+00	-9.622E-01
2.401E+02	-	3.001E+02	0	15	0.00	88.24	7.962E-01	-7.962E-01
3.001E+02	-	3.601E+02	1	16	5.88	94.12	3.162E-01	2.846E+00
3.601E+02	-	4.201E+02	1	17	5.88	100.00	1.303E-01	7.543E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	3.251E+00

HISTOGRAM FOR VARIABLE K-S (PPM)

```
     3.010E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.010E+01 XXXXXX
     1.501E+02
     2.101E+02 XXXXXX
     2.701E+02
     3.301E+02 XXXXXX
     3.901E+02 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E-01
MAXIMUM =  3.62000E+02
MEAN    =  7.92077E+01
STD DEV =  1.36943E+02
VARIANCE=  1.87533E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-K-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	4	4	23.53	23.53		
		T	0	4	0.00	23.53	3.009E+00	3.261E-01
-1.000E+00	-	-4.100E-01	3	7	17.65	41.18	2.358E+00	-1.086E+00
-4.100E-01	-	1.800E-01	3	10	17.65	58.82	2.912E+00	-1.881E+00
1.800E-01	-	7.700E-01	3	13	17.65	76.47	2.954E+00	-1.938E+00
7.700E-01	-	1.360E+00	0	13	0.00	76.47	2.462E+00	-2.462E+00
1.360E+00	-	1.950E+00	0	13	0.00	76.47	1.685E+00	-1.685E+00
1.950E+00	-	2.540E+00	2	15	11.76	88.24	9.479E-01	1.162E+00
2.540E+00	-	3.130E+00	2	17	11.76	100.00	6.727E-01	2.301E+00
		G	0	17	0.00	100.00		
		H	0	17				
		B	40	57				
TOTALS LESS H AND B			17				1.700E+01	-5.263E+00

HISTOGRAM FOR VARIABLE L-K-S (PPM)

```
    -7.050E-01 XXXXXXXXXXXXXXXXX
    -1.150E-01 XXXXXXXXXXXXXXXXX
     4.750E-01 XXXXXXXXXXXXXXXXX
     1.065E+00
     1.655E+00
     2.245E+00 XXXXXXXXXXX
     2.835E+00 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.00000E+00
MAXIMUM =  2.55871E+00
MEAN    =  5.99343E-01
STD DEV =  1.29230E+00
VARIANCE=  1.67003E+00
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE          K-TR  (PPM)

       LIMITS              OBS   CUM     PERCENT  PERCENT             THEOR FREQ
  LOWER    -     UPPER     FREQ  FREQ     FREQ CUM FREQ             (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N               0     0       0.00      0.00
             L               0     0       0.00      0.00
             T               0     0       0.00      0.00
 3.000E-01 -  6.330E+01     14    14      77.78     77.78              3.493E+00                 5.147E-01
 6.330E+01 -  1.263E+02      1    15       5.56     83.33              3.479E+00                -3.192E+00
 1.263E+02 -  1.893E+02      0    15       0.00     83.33              2.696E+00                -2.696E+00
 1.893E+02 -  2.523E+02      1    16       5.56     88.89              1.625E+00                -1.010E+00
 2.523E+02 -  3.153E+02      0    16       0.00     88.89              7.625E-01                -7.625E-01
 3.153E+02 -  3.783E+02      2    18      11.11    100.00              3.781E-01                 4.912E+00
             G               0    18       0.00    100.00
             H               0    18
             B              39    57

TOTALS LESS H AND B         18                                         1.243E+01                -2.234E+00



HISTOGRAM FOR VARIABLE          K-TR  (PPM)

    3.180E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    9.480E+01 XXXXXX
    1.578E+02
    2.208E+02 XXXXXX
    2.838E+02
    3.468E+02 XXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  3.00000E-01
MAXIMUM =  3.78000E+02
MEAN    =  6.22778E+01
STD DEV =  1.24433E+02
VARIANCE=  1.54835E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-K-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-5.229E-01	-	-2.879E-03	1	1	5.56	5.56	1.784E+00	-1.224E+00
-2.879E-03	-	5.171E-01	6	7	33.33	38.89	3.201E+00	-1.327E+00
5.171E-01	-	1.037E+00	6	13	33.33	72.22	4.110E+00	-2.650E+00
1.037E+00	-	1.557E+00	1	14	5.56	77.78	3.778E+00	-3.513E+00
1.557E+00	-	2.077E+00	1	15	5.56	83.33	2.485E+00	-2.083E+00
2.077E+00	-	2.597E+00	3	18	16.67	100.00	1.678E+00	1.096E-01
	G		0	18	0.00	100.00		
	H		0	18				
	B		39	57				
TOTALS LESS H AND B			18				1.704E+01	-1.069E+01

HISTOGRAM FOR VARIABLE L-K-TR (PPM)

```
-2.629E-01 XXXXXX
 2.571E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 7.771E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 1.297E+00 XXXXXX
 1.817E+00 XXXXXX
 2.337E+00 XXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -5.22879E-01
MAXIMUM = 2.57749E+00
MEAN = 9.05918E-01
STD DEV = 8.86519E-01
VARIANCE= 7.85916E-01

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE          LI-D  (PPB)

      LIMITS               OBS   CUM    PERCENT  PERCENT           THEOR FREQ
   LOWER   -    UPPER      FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N               0     0     0.00      0.00
             L              17    17    34.00     34.00
             T               0    17     0.00     34.00             1.628E+01                3.203E-02
 8.000E+00 -  7.000E+01     25    42    50.00     84.00             1.332E+01               -1.144E+01
 7.000E+01 -  1.320E+02      2    44     4.00     88.00             1.143E+01               -1.125E+01
 1.320E+02 -  1.940E+02      4    48     8.00     96.00             6.245E+00               -5.605E+00
 1.940E+02 -  2.560E+02      0    48     0.00     96.00             2.173E+00               -2.173E+00
 2.560E+02 -  3.180E+02      0    48     0.00     96.00             4.807E-01               -4.807E-01
 3.180E+02 -  3.800E+02      0    48     0.00     96.00             6.760E-02               -6.760E-02
 3.800E+02 -  4.420E+02      2    50     4.00    100.00             6.387E-03                3.131E+02
             G               0    50     0.00    100.00
             H               0    50
             B               7    57

TOTALS LESS H AND B         50                                      5.000E+01                2.821E+02



HISTOGRAM FOR VARIABLE          LI-D  (PPB)

    3.900E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    1.010E+02 XXXX
    1.630E+02 XXXXXXXX
    2.250E+02
    2.870E+02
    3.490E+02
    4.110E+02 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  8.00000E+00
MAXIMUM =  4.40000E+02
MEAN    =  7.00303E+01
STD DEV =  1.05837E+02
VARIANCE=  1.12015E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-LI-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		17	17	34.00	34.00		
	T		0	17	0.00	34.00	9.852E+00	5.186E+00
9.031E-01	-	1.153E+00	9	26	18.00	52.00	8.359E+00	-7.283E+00
1.153E+00	-	1.403E+00	6	32	12.00	64.00	9.925E+00	-9.320E+00
1.403E+00	-	1.653E+00	10	42	20.00	84.00	9.180E+00	-8.090E+00
1.653E+00	-	1.903E+00	0	42	0.00	84.00	6.614E+00	-6.614E+00
1.903E+00	-	2.153E+00	2	44	4.00	88.00	3.712E+00	-3.173E+00
2.153E+00	-	2.403E+00	4	48	8.00	96.00	1.623E+00	8.418E-01
2.403E+00	-	2.653E+00	2	50	4.00	100.00	7.349E-01	1.987E+00
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				5.000E+01	-2.647E+01

HISTOGRAM FOR VARIABLE L-LI-D (PPB)

```
1.028E+00 XXXXXXXXXXXXXXXXX
1.278E+00 XXXXXXXXXXX
1.528E+00 XXXXXXXXXXXXXXXXXXX
1.778E+00
2.028E+00 XXXX
2.278E+00 XXXXXXXX
2.528E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 9.03090E-01
MAXIMUM = 2.64345E+00
MEAN    = 1.54225E+00
STD DEV = 4.81602E-01
VARIANCE= 2.31940E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		17	17	43.59	43.59		
	T		0	17	0.00	43.59	1.289E+01	1.310E+00
8.000E+00	-	9.400E+01	16	33	41.03	84.62	1.077E+01	-9.284E+00
9.400E+01	-	1.800E+02	3	36	7.69	92.31	8.960E+00	-8.625E+00
1.800E+02	-	2.660E+02	0	36	0.00	92.31	4.601E+00	-4.601E+00
2.660E+02	-	3.520E+02	0	36	0.00	92.31	1.458E+00	-1.458E+00
3.520E+02	-	4.380E+02	2	38	5.13	97.44	2.846E-01	6.742E+00
4.380E+02	-	5.240E+02	0	38	0.00	97.44	3.420E-02	-3.420E-02
5.240E+02	-	6.100E+02	1	39	2.56	100.00	2.643E-03	3.783E+02
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	3.624E+02

HISTOGRAM FOR VARIABLE LI-TL (PPB)

```
5.100E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.370E+02 XXXXXXXX
2.230E+02
3.090E+02
3.950E+02 XXXXX
4.810E+02
5.670E+02 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  8.00000E+00
MAXIMUM =  5.25000E+02
MEAN    =  1.02273E+02
STD DEV =  1.50186E+02
VARIANCE=  2.25559E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L=LI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		17	17	43.59	43.59		
	T		0	17	0.00	43.59	8.587E+00	8.243E+00
9.031E-01	-	1.203E+00	5	22	12.82	56.41	7.386E+00	-6.710E+00
1.203E+00	-	1.503E+00	6	28	15.38	71.79	8.338E+00	-7.618E+00
1.503E+00	-	1.803E+00	5	33	12.82	84.62	7.059E+00	-6.350E+00
1.803E+00	-	2.103E+00	0	33	0.00	84.62	4.482E+00	-4.482E+00
2.103E+00	-	2.403E+00	3	36	7.69	92.31	2.134E+00	-7.287E-01
2.403E+00	-	2.703E+00	2	38	5.13	97.44	7.621E-01	1.862E+00
2.703E+00	-	3.003E+00	1	39	2.56	100.00	2.518E-01	3.719E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-1.206E+01

HISTOGRAM FOR VARIABLE L=LI-TL (PPB)

```
1.053E+00 XXXXXXXXXXXX
1.353E+00 XXXXXXXXXXXXXX
1.653E+00 XXXXXXXXXXXX
1.953E+00
2.253E+00 XXXXXXXX
2.553E+00 XXXXX
2.853E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  9.03090E-01
MAXIMUM =  2.72016E+00
MEAN    =  1.65886E+00
STD DEV =  5.40008E-01
VARIANCE=  2.91609E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LI-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	10	10	58.82	58.82		
		T	0	10	0.00	58.82	5.603E+00	3.451E+00
1.200E+01	-	3.520E+02	4	14	23.53	82.35	4.165E+00	-3.205E+00
3.520E+02	-	6.920E+02	1	15	5.88	88.24	3.715E+00	-3.445E+00
6.920E+02	-	1.032E+03	0	15	0.00	88.24	2.259E+00	-2.259E+00
1.032E+03	-	1.372E+03	0	15	0.00	88.24	9.361E-01	-9.361E-01
1.372E+03	-	1.712E+03	1	16	5.88	94.12	2.643E-01	3.519E+00
1.712E+03	-	2.052E+03	1	17	5.88	100.00	5.811E-02	1.715E+01
		G	0	17	0.00	100.00		
		H	0	17				
		B	40	57				
TOTALS LESS H AND B			17				1.700E+01	1.427E+01

HISTOGRAM FOR VARIABLE LI-S (PPB)

```
     1.820E+02 XXXXXXXXXXXXXXXXXXXXXXX
     5.220E+02 XXXXXX
     8.620E+02
     1.202E+03
     1.542E+03 XXXXXX
     1.882E+03 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.20000E+01
MAXIMUM = 1.73000E+03
MEAN = 5.96571E+02
STD DEV = 7.35563E+02
VARIANCE= 5.41053E+05

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-LI-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		10	10	58.82	58.82		
	T		0	10	0.00	58.82	6.025E+00	2.622E+00
1.079E+00	-	1.509E+00	3	13	17.65	76.47	3.260E+00	-2.339E+00
1.509E+00	-	1.939E+00	0	13	0.00	76.47	3.083E+00	-3.083E+00
1.939E+00	-	2.369E+00	0	13	0.00	76.47	2.306E+00	-2.306E+00
2.369E+00	-	2.799E+00	2	15	11.76	88.24	1.364E+00	1.025E-01
2.799E+00	-	3.229E+00	1	16	5.88	94.12	6.378E-01	9.300E-01
3.229E+00	-	3.659E+00	1	17	5.88	100.00	3.241E-01	2.762E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-1.312E+00

HISTOGRAM FOR VARIABLE L-LI-S (PPB)

```
1.294E+00 XXXXXXXXXXXXXXXXX
1.724E+00
2.154E+00
2.584E+00 XXXXXXXXXXX
3.014E+00 XXXXXX
3.444E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.07918E+00
MAXIMUM = 3.23805E+00
MEAN = 2.12749E+00
STD DEV = 1.01489E+00
VARIANCE= 1.03000E+00

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        LI-TR (PPB)

      LIMITS              OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -    UPPER      FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N                0     0      0.00      0.00
           L                5     5     26.32     26.32
           T                0     5      0.00     26.32             6.211E+00               2.361E-01
 1.100E+01 -  3.510E+02    11    16     57.89     84.21             4.135E+00              -1.475E+00
 3.510E+02 -  6.910E+02     1    17      5.26     89.47             3.890E+00              -3.633E+00
 6.910E+02 -  1.031E+03     0    17      0.00     89.47             2.695E+00              -2.695E+00
 1.031E+03 -  1.371E+03     0    17      0.00     89.47             1.375E+00              -1.375E+00
 1.371E+03 -  1.711E+03     0    17      0.00     89.47             5.167E-01              -5.167E-01
 1.711E+03 -  2.051E+03     2    19     10.53    100.00             1.769E-01               1.113E+01
           G                0    19      0.00    100.00
           H                0    19
           B               38    57

TOTALS LESS H AND B        19                                       1.900E+01               1.673E+00


HISTOGRAM FOR VARIABLE        LI-TR (PPB)

     1.810E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.210E+02 XXXXX
     8.610E+02
     1.201E+03
     1.541E+03
     1.8H1E+03 XXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.10000E+01
MAXIMUM =  2.03500E+03
MEAN    =  3.79429E+02
STD DEV =  6.86926E+02
VARIANCE=  4.71867E+05
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-LI-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		5	5	26.32	26.32		
	T		0	5	0.00	26.32	3.029E+00	1.282E+00
1.041E+00	-	1.421E+00	1	6	5.26	31.58	3.054E+00	-2.727E+00
1.421E+00	-	1.801E+00	8	14	42.11	73.68	3.889E+00	-1.832E+00
1.801E+00	-	2.181E+00	1	15	5.26	78.95	3.766E+00	-3.500E+00
2.181E+00	-	2.561E+00	1	16	5.26	84.21	2.772E+00	-2.411E+00
2.561E+00	-	2.941E+00	1	17	5.26	89.47	1.552E+00	-9.071E-01
2.941E+00	-	3.321E+00	2	19	10.53	100.00	9.375E-01	1.196E+00
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	-8.900E+00

HISTOGRAM FOR VARIABLE L-LI-TR (PPB)

```
1.231E+00 XXXXX
1.611E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.991E+00 XXXXX
2.371E+00 XXXXX
2.751E+00 XXXXX
3.131E+00 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.04139E+00
MAXIMUM =  3.30856E+00
MEAN    =  1.98305E+00
STD DEV =  7.06484E-01
VARIANCE=  4.99120E-01
```

```
                                   FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          MG-D (PPM)

     LIMITS              OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -    UPPER     FREQ  FREQ   FREQ CUM FREQ           (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

          N                0     0     0.00      0.00
          L                0     0     0.00      0.00
          T                0     0     0.00      0.00
 1.100E+00 -  6.500E+00   36    36    72.00     72.00              7.723E+00              -3.061E+00
 6.500E+00 -  1.190E+01    0    36     0.00     72.00              8.750E+00              -8.750E+00
 1.190E+01 -  1.730E+01    2    38     4.00     76.00              8.172E+00              -7.927E+00
 1.730E+01 -  2.270E+01    2    40     4.00     80.00              6.291E+00              -5.973E+00
 2.270E+01 -  2.810E+01    6    46    12.00     92.00              3.992E+00              -2.490E+00
 2.810E+01 -  3.350E+01    0    46     0.00     92.00              2.088E+00              -2.088E+00
 3.350E+01 -  3.890E+01    2    48     4.00     96.00              9.005E-01               1.321E+00
 3.890E+01 -  4.430E+01    2    50     4.00    100.00              4.417E-01               4.087E+00
          G                0    50     0.00    100.00
          H                0    50
          B                7    57

TOTALS LESS H AND B       50                                       3.836E+01              -2.488E+01


HISTOGRAM FOR VARIABLE          MG-D (PPM)

      3.800E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      9.200E+00
      1.460E+01 XXXX
      2.000E+01 XXXX
      2.540E+01 XXXXXXXXXXXX
      3.080E+01
      3.620E+01 XXXX
      4.160E+01 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.10000E+00
MAXIMUM =  4.40000E+01
MEAN    =  9.99000E+00
STD DEV =  1.21853E+01
VARIANCE=  1.48483E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MG-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
4.139E-02	-	2.414E-01	11	11	22.00	22.00	4.262E+00	-1.681E+00
2.414E-01	-	4.414E-01	8	19	16.00	38.00	6.112E+00	-4.803E+00
4.414E-01	-	6.414E-01	8	27	16.00	54.00	7.496E+00	-6.429E+00
6.414E-01	-	8.414E-01	9	36	18.00	72.00	7.864E+00	-6.719E+00
8.414E-01	-	1.041E+00	0	36	0.00	72.00	7.055E+00	-7.055E+00
1.041E+00	-	1.241E+00	2	38	4.00	76.00	5.414E+00	-5.044E+00
1.241E+00	-	1.441E+00	8	46	16.00	92.00	3.553E+00	-1.302E+00
1.441E+00	-	1.641E+00	3	49	6.00	98.00	1.994E+00	-4.901E-01
1.641E+00	-	1.841E+00	1	50	2.00	100.00	1.543E+00	-8.954E-01
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				4.529E+01	-3.442E+01

HISTOGRAM FOR VARIABLE L-MG-D (PPM)

```
1.414E-01 XXXXXXXXXXXXXXXXXXXXX
3.414E-01 XXXXXXXXXXXXXXXX
5.414E-01 XXXXXXXXXXXXXXXX
7.414E-01 XXXXXXXXXXXXXXXXXX
9.414E-01
1.141E+00 XXXX
1.341E+00 XXXXXXXXXXXXXXXX
1.541E+00 XXXXXX
1.741E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 4.13927E-02
MAXIMUM = 1.64345E+00
MEAN = 7.02603E-01
STD DEV = 5.02508E-01
VARIANCE= 2.52514E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE         MG-TL (PPM)

      LIMITS              OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -    UPPER      FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N               0     0     0.00      0.00
            L               0     0     0.00      0.00
            T               0     0     0.00      0.00
 1.200E+00 -  3.120E+01    35    35    89.74     89.74            1.312E+01              -1.045E+01
 3.120E+01 -  6.120E+01     2    37     5.13     94.87            8.945E+00              -8.721E+00
 6.120E+01 -  9.120E+01     1    38     2.56     97.44            2.990E+00              -2.656E+00
 9.120E+01 -  1.212E+02     0    38     0.00     97.44            4.884E-01              -4.884E-01
 1.212E+02 -  1.512E+02     0    38     0.00     97.44            3.880E-02              -3.880E-02
 1.512E+02 -  1.812E+02     0    38     0.00     97.44            0.000E-01               0.000E-01
 1.812E+02 -  2.112E+02     1    39     2.56    100.00            1.519E-03               6.583E+02
            G               0    39     0.00    100.00
            H               0    39
            B              18    57

TOTALS LESS H AND B        39                                     2.558E+01               6.359E+02


HISTOGRAM FOR VARIABLE         MG-TL (PPM)

     1.620E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     4.620E+01 XXXXX
     7.620E+01 XXX
     1.062E+02
     1.362E+02
     1.662E+02
     1.962E+02 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.20000E+00
MAXIMUM =  2.08500E+02
MEAN    =  1.50410E+01
STD DEV =  3.44631E+01
VARIANCE=  1.18771E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MG-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
7.918E-02	-	3.992E-01	11	11	28.21	28.21	5.834E+00	-3.949E+00
3.992E-01	-	7.192E-01	13	24	33.33	61.54	8.556E+00	-7.037E+00
7.192E-01	-	1.039E+00	4	28	10.26	71.79	8.895E+00	-8.445E+00
1.039E+00	-	1.359E+00	6	34	15.38	87.18	6.555E+00	-5.640E+00
1.359E+00	-	1.679E+00	3	37	7.69	94.87	3.424E+00	-2.548E+00
1.679E+00	-	1.999E+00	1	38	2.56	97.44	1.267E+00	-4.785E-01
1.999E+00	-	2.319E+00	1	39	2.56	100.00	4.030E-01	2.078E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.493E+01	-2.602E+01

HISTOGRAM FOR VARIABLE L-MG-TL (PPM)

```
2.392E-01 XXXXXXXXXXXXXXXXXXXXXXXXXX
5.592E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
8.792E-01 XXXXXXXXXX
1.199E+00 XXXXXXXXXXXXXX
1.519E+00 XXXXXXXX
1.839E+00 XXX
2.159E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.91812E-02
MAXIMUM = 2.31911E+00
MEAN = 7.55299E-01
STD DEV = 5.37540E-01
VARIANCE= 2.88950E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MG-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	23.53	23.53		
	T		0	4	0.00	23.53	5.266E+00	3.044E-01
1.000E-01	-	9.910E+01	9	13	52.94	76.47	3.209E+00	-4.037E-01
9.910E+01	-	1.981E+02	1	14	5.88	82.35	3.214E+00	-2.903E+00
1.981E+02	-	2.971E+02	0	14	0.00	82.35	2.538E+00	-2.538E+00
2.971E+02	-	3.961E+02	1	15	5.88	88.24	1.580E+00	-9.469E-01
3.961E+02	-	4.951E+02	0	15	0.00	88.24	7.750E-01	-7.750E-01
4.951E+02	-	5.941E+02	2	17	11.76	100.00	4.177E-01	4.371E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-2.892E+00

HISTOGRAM FOR VARIABLE MG-S (PPM)

```
4.960E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.486E+02 XXXXXX
2.476E+02
3.466E+02 XXXXXX
4.456E+02
5.446E+02 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.00000E-01
MAXIMUM = 5.94000E+02
MEAN = 1.30538E+02
STD DEV = 2.22440E+02
VARIANCE= 4.94795E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MG-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	23.53	23.53		
	T		0	4	0.00	23.53	2.976E+00	3.523E-01
-1.000E+00	-	-3.700E-01	3	7	17.65	41.18	2.355E+00	-1.082E+00
-3.700E-01	-	2.600E-01	3	10	17.65	58.82	2.918E+00	-1.890E+00
2.600E-01	-	8.900E-01	3	13	17.65	76.47	2.966E+00	-1.955E+00
8.900E-01	-	1.520E+00	0	13	0.00	76.47	2.473E+00	-2.473E+00
1.520E+00	-	2.150E+00	0	13	0.00	76.47	1.692E+00	-1.692E+00
2.150E+00	-	2.780E+00	4	17	23.53	100.00	1.619E+00	8.519E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-7.888E+00

HISTOGRAM FOR VARIABLE L-MG-S (PPM)

```
    -6.850E-01 XXXXXXXXXXXXXXXXX
    -5.500E-02 XXXXXXXXXXXXXXXXX
     5.750E-01 XXXXXXXXXXXXXXXXX
     1.205E+00
     1.835E+00
     2.465E+00 XXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.00000E+00
MAXIMUM =  2.77379E+00
MEAN    =  7.15490E-01
STD DEV =  1.37046E+00
VARIANCE=  1.87815E+00
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          MG-TR (PPM)

       LIMITS              OBS   CUM    PERCENT  PERCENT              THEOR FREQ
   LOWER   -     UPPER     FREQ  FREQ    FREQ CUM FREQ              (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N               0     0      0.00      0.00
             L               0     0      0.00      0.00
             T               0     0      0.00      0.00
 2.000E+00 -  1.220E+02     16    16     80.00     80.00                4.125E+00              -2.460E-01
 1.220E+02 -  2.420E+02      1    17      5.00     85.00                4.007E+00              -3.758E+00
 2.420E+02 -  3.620E+02      0    17      0.00     85.00                2.945E+00              -2.945E+00
 3.620E+02 -  4.820E+02      1    18      5.00     90.00                1.637E+00              -1.026E+00
 4.820E+02 -  6.020E+02      0    18      0.00     90.00                6.879E-01              -6.879E-01
 6.020E+02 -  7.220E+02      1    19      5.00     95.00                2.186E-01               4.356E+00
 7.220E+02 -  8.420E+02      1    20      5.00    100.00                6.351E-02               1.568E+01
             G               0    20      0.00    100.00
             H               0    20
             B              37    57

TOTALS LESS H AND B         20                                          1.368E+01               1.138E+01


HISTOGRAM FOR VARIABLE          MG-TR (PPM)

     6.200E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.820E+02 XXXXX
     3.020E+02
     4.220E+02 XXXXX
     5.420E+02
     6.620E+02 XXXXX
     7.820E+02 XXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.00000E+00
MAXIMUM =  7.48500E+02
MEAN    =  1.09585E+02
STD DEV =  2.24401E+02
VARIANCE=  5.03557E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MG-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
3.010E-01	-	7.310E-01	8	8	40.00	40.00	2.922E+00	-1.839E-01
7.310E-01	-	1.161E+00	2	10	10.00	50.00	3.809E+00	-3.284E+00
1.161E+00	-	1.591E+00	6	16	30.00	80.00	3.878E+00	-2.331E+00
1.591E+00	-	2.021E+00	0	16	0.00	80.00	3.084E+00	-3.084E+00
2.021E+00	-	2.451E+00	1	17	5.00	85.00	1.916E+00	-1.393E+00
2.451E+00	-	2.881E+00	3	20	15.00	100.00	1.414E+00	7.071E-01
	G		0	20	0.00	100.00		
	H		0	20				
	B		37	57				
TOTALS LESS H AND B			20				1.702E+01	-9.569E+00

HISTOGRAM FOR VARIABLE L-MG-TR (PPM)

```
5.160E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
9.460E-01 XXXXXXXXXX
1.376E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.806E+00
2.236E+00 XXXXX
2.666E+00 XXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.01030E-01
MAXIMUM = 2.87419E+00
MEAN = 1.19237E+00
STD DEV = 8.55930E-01
VARIANCE= 7.32617E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MN-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		17	17	34.69	34.69		
	T		0	17	0.00	34.69	1.397E+01	6.563E-01
4.000E+00	-	3.200E+01	20	37	40.82	75.51	1.046E+01	-8.552E+00
3.200E+01	-	6.000E+01	6	43	12.24	87.76	1.048E+01	-9.910E+00
6.000E+01	-	8.800E+01	1	44	2.04	89.80	7.701E+00	-7.571E+00
8.800E+01	-	1.160E+02	0	44	0.00	89.80	4.149E+00	-4.149E+00
1.160E+02	-	1.440E+02	2	46	4.08	93.88	1.639E+00	-4.182E-01
1.440E+02	-	1.720E+02	1	47	2.04	95.92	4.744E-01	1.633E+00
1.720E+02	-	2.000E+02	2	49	4.08	100.00	1.007E-01	1.977E+01
2.000E+02	-	2.280E+02	0	49	0.00	100.00	1.758E-02	-1.758E-02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-8.559E+00

HISTOGRAM FOR VARIABLE MN-D (PPB)

```
1.800E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.600E+01 XXXXXXXXXXXX
7.400E+01 XX
1.020E+02
1.300E+02 XXXX
1.580E+02 XX
1.860E+02 XXXX
2.140E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  4.00000E+00
MAXIMUM =  2.00000E+02
MEAN    =  4.71250E+01
STD DEV =  5.60850E+01
VARIANCE=  3.14553E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MN-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		17	17	34.69	34.69		
	T		0	17	0.00	34.69	7.920E+00	1.041E+01
6.021E-01	-	8.421E-01	2	19	4.08	38.78	6.403E+00	-6.090E+00
8.421E-01	-	1.082E+00	7	26	14.29	53.06	8.117E+00	-7.255E+00
1.082E+00	-	1.322E+00	9	35	18.37	71.43	8.498E+00	-7.439E+00
1.322E+00	-	1.562E+00	3	38	6.12	77.55	7.346E+00	-6.938E+00
1.562E+00	-	1.802E+00	5	43	10.20	87.76	5.244E+00	-4.291E+00
1.802E+00	-	2.042E+00	1	44	2.04	89.80	3.091E+00	-2.768E+00
2.042E+00	-	2.282E+00	3	47	6.12	95.92	1.505E+00	4.893E-01
2.282E+00	-	2.522E+00	2	49	4.08	100.00	8.754E-01	1.409E+00
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-2.247E+01

HISTOGRAM FOR VARIABLE L-MN-D (PPB)

```
7.221E-01 XXXX
9.621E-01 XXXXXXXXXXXXX
1.202E+00 XXXXXXXXXXXXXXXXX
1.442E+00 XXXXXX
1.682E+00 XXXXXXXXXX
1.922E+00 XX
2.162E+00 XXXXXX
2.402E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.02060E-01
MAXIMUM = 2.30103E+00
MEAN    = 1.42502E+00
STD DEV = 4.64552E-01
VARIANCE= 2.15809E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        MN-TL (PPB)

      LIMITS               OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER  -     UPPER       FREQ  FREQ    FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N               0     0     0.00      0.00
             L               7     7    17.95     17.95
             T               0     7     0.00     17.95           1.533E+01               4.527E+00
 4.000E+00 -  1.904E+03     30    37    76.92     94.87           1.116E+01              -8.471E+00
 1.904E+03 -  3.804E+03      0    37     0.00     94.87           8.040E+00              -8.040E+00
 3.804E+03 -  5.704E+03      0    37     0.00     94.87           3.447E+00              -3.447E+00
 5.704E+03 -  7.604E+03      0    37     0.00     94.87           8.782E-01              -8.782E-01
 7.604E+03 -  9.504E+03      0    37     0.00     94.87           1.328E-01              -1.328E-01
 9.504E+03 -  1.140E+04      1    38     2.56     97.44           1.190E-02               8.405E+01
 1.140E+04 -  1.330E+04      1    39     2.56    100.00           6.503E-04               1.538E+03
             G               0    39     0.00    100.00
             H               0    39
             B              18    57

TOTALS LESS H AND B         39                                    3.900E+01               1.605E+03


HISTOGRAM FOR VARIABLE       MN-TL (PPB)

     9.540E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.854E+03
     4.754E+03
     6.654E+03
     8.554E+03
     1.045E+04 XXX
     1.235E+04 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4.00000E+00
MAXIMUM =  1.30000E+04
MEAN    =  8.56531E+02
STD DEV =  2.83143E+03
VARIANCE=  8.01702E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MN-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		7	7	17.95	17.95		
	T		0	7	0.00	17.95	4.463E+00	1.441E+00
6.021E-01	-	1.102E+00	4	11	10.26	28.21	5.766E+00	-5.073E+00
1.102E+00	-	1.602E+00	10	21	25.64	53.85	8.192E+00	-6.972E+00
1.602E+00	-	2.102E+00	9	30	23.08	76.92	8.512E+00	-7.455E+00
2.102E+00	-	2.602E+00	5	35	12.82	89.74	6.468E+00	-5.695E+00
2.602E+00	-	3.102E+00	1	36	2.56	92.31	3.594E+00	-3.315E+00
3.102E+00	-	3.602E+00	1	37	2.56	94.87	1.460E+00	-7.749E-01
3.602E+00	-	4.102E+00	1	38	2.56	97.44	4.335E-01	1.873E+00
4.102E+00	-	4.602E+00	1	39	2.56	100.00	1.109E-01	8.909E+00
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-1.706E+01

HISTOGRAM FOR VARIABLE L-MN-TL (PPB)

```
 8.521E-01 XXXXXXXXXX
 1.352E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
 1.852E+00 XXXXXXXXXXXXXXXXXXXXXX
 2.352E+00 XXXXXXXXXXXXX
 2.852E+00 XXX
 3.352E+00 XXX
 3.852E+00 XXX
 4.352E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.02060E-01
MAXIMUM = 4.11394E+00
MEAN = 1.89532E+00
STD DEV = 8.02211E-01
VARIANCE= 6.43542E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MN-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	52.94	52.94		
	T		0	9	0.00	52.94	5.444E+00	2.322E+00
8.000E+00	-	5.408E+03	5	14	29.41	82.35	4.571E+00	-3.478E+00
5.406E+03	-	1.081E+04	0	14	0.00	82.35	3.935E+00	-3.935E+00
1.081E+04	-	1.621E+04	2	16	11.76	94.12	2.137E+00	-1.201E+00
1.621E+04	-	2.161E+04	0	16	0.00	94.12	7.315E-01	-7.315E-01
2.161E+04	-	2.701E+04	1	17	5.88	100.00	1.811E-01	5.341E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-1.682E+00

HISTOGRAM FOR VARIABLE MN-S (PPB)

```
     2.708E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXX
     8.108E+03
     1.351E+04 XXXXXXXXXXXX
     1.891E+04
     2.431E+04 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  8.00000E+00
MAXIMUM =  2.70000E+04
MEAN    =  7.75225E+03
STD DEV =  1.01345E+04
VARIANCE=  1.02709E+08
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MN-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	52.94	52.94		
	T		0	9	0.00	52.94	5.115E+00	2.951E+00
9.031E-01	-	1.613E+00	2	11	11.76	64.71	3.019E+00	-2.357E+00
1.613E+00	-	2.323E+00	0	11	0.00	64.71	3.095E+00	-3.095E+00
2.323E+00	-	3.033E+00	2	13	11.76	76.47	2.559E+00	-1.777E+00
3.033E+00	-	3.743E+00	1	14	5.88	82.35	1.707E+00	-1.121E+00
3.743E+00	-	4.453E+00	3	17	17.65	100.00	1.506E+00	4.868E-01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-4.912E+00

HISTOGRAM FOR VARIABLE L-MN-S (PPB)

```
1.258E+00 XXXXXXXXXXX
1.968E+00
2.678E+00 XXXXXXXXXXX
3.388E+00 XXXXXX
4.098E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 9.03090E-01
MAXIMUM = 4.43136E+00
MEAN = 2.92467E+00
STD DEV = 1.41406E+00
VARIANCE= 1.99957E+00

```
                                            FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE         MN-TR (PPB)

       LIMITS                OBS   CUM    PERCENT  PERCENT            THEOR FREQ
  LOWER   -     UPPER        FREQ  FREQ    FREQ CUM FREQ             (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N                 0     0     0.00      0.00
             L                 0     0     0.00      0.00
             T                 0     0     0.00      0.00
 1.600E+01 -  6.216E+03       15    15    83.33     83.33               3.967E+00              -1.867E-01
 6.216E+03 -  1.242E+04        0    15     0.00     83.33               3.713E+00              -3.713E+00
 1.242E+04 -  1.862E+04        1    16     5.56     88.89               2.540E+00              -2.146E+00
 1.862E+04 -  2.482E+04        0    16     0.00     88.89               1.270E+00              -1.270E+00
 2.482E+04 -  3.102E+04        1    17     5.56     94.44               4.642E-01               1.690E+00
 3.102E+04 -  3.722E+04        1    18     5.56    100.00               1.520E-01               6.428E+00
             G                 0    18     0.00    100.00
             H                 0    18
             B                39    57

TOTALS LESS H AND B           18                                        1.211E+01               8.032E-01


HISTOGRAM FOR VARIABLE        MN-TR (PPB)

     3.116E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.316E+03
     1.552E+04 XXXXXX
     2.172E+04
     2.792E+04 XXXXXX
     3.412E+04 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.60000E+01
MAXIMUM =  3.70000E+04
MEAN    =  4.90161E+03
STD DEV =  1.09302E+04
VARIANCE=  1.19469E+08
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MN-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.204E+00	-	1.764E+00	7	7	38.89	38.89	2.619E+00	5.313E-02
1.764E+00	-	2.324E+00	4	11	22.22	61.11	3.389E+00	-2.209E+00
2.324E+00	-	2.884E+00	3	14	16.67	77.78	3.447E+00	-2.576E+00
2.884E+00	-	3.444E+00	0	14	0.00	77.78	2.755E+00	-2.755E+00
3.444E+00	-	4.004E+00	1	15	5.56	83.33	1.731E+00	-1.153E+00
4.004E+00	-	4.564E+00	2	17	11.11	94.44	8.544E-01	1.486E+00
4.564E+00	-	5.124E+00	1	18	5.56	100.00	4.621E-01	1.702E+00
	G		0	18	0.00	100.00		
	H		0	18				
	B		39	57				
TOTALS LESS H AND B			18				1.526E+01	-5.451E+00

HISTOGRAM FOR VARIABLE L-MN-TR (PPB)

```
1.484E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.044E+00 XXXXXXXXXXXXXXXXXXXX
2.604E+00 XXXXXXXXXXXXXXXXX
3.164E+00
3.724E+00 XXXXXX
4.284E+00 XXXXXXXXXXX
4.844E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.20412E+00
MAXIMUM = 4.56820E+00
MEAN    = 2.36321E+00
STD DEV = 1.12949E+00
VARIANCE= 1.27574E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MO=D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		43	43	86.00	86.00		
	T		0	43	0.00	86.00	2.159E+01	2.123E+01
5.000E+00	-	1.000E+01	2	45	4.00	90.00	1.395E+01	-1.381E+01
1.000E+01	-	1.500E+01	0	45	0.00	90.00	9.474E+00	-9.474E+00
1.500E+01	-	2.000E+01	2	47	4.00	94.00	3.874E+00	-3.358E+00
2.000E+01	-	2.500E+01	0	47	0.00	94.00	9.532E-01	-9.532E-01
2.500E+01	-	3.000E+01	3	50	6.00	100.00	1.409E-01	2.115E+01
3.000E+01	-	3.500E+01	0	50	0.00	100.00	1.317E-02	-1.317E-02
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				5.000E+01	1.477E+01

HISTOGRAM FOR VARIABLE MO=D (PPB)

```
 7.500E+00 XXXX
 1.250E+01
 1.750E+01 XXXX
 2.250E+01
 2.750E+01 XXXXXX
 3.250E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.00000E+00
MAXIMUM = 3.00000E+01
MEAN = 2.00000E+01
STD DEV = 1.11803E+01
VARIANCE= 1.25000E+02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MO-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		43	43	86.00	86.00		
	T		0	43	0.00	86.00	2.686E+01	9.694E+00
6.990E-01	-	8.590E-01	2	45	4.00	90.00	1.106E+01	-1.088E+01
8.590E-01	-	1.019E+00	0	45	0.00	90.00	7.315E+00	-7.315E+00
1.019E+00	-	1.179E+00	0	45	0.00	90.00	3.380E+00	-3.380E+00
1.179E+00	-	1.339E+00	2	47	4.00	94.00	1.091E+00	7.422E-01
1.339E+00	-	1.499E+00	3	50	6.00	100.00	2.891E-01	1.009E+01
	G		0	50	0.00	100.00		
	H		0	50				
	B		7	57				
TOTALS LESS H AND B			50				5.000E+01	-1.051E+00

HISTOGRAM FOR VARIABLE L-MO-D (PPB)

```
7.790E-01 XXXX
9.390E-01
1.099E+00
1.259E+00 XXXX
1.419E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.99970E-01
MAXIMUM = 1.47712E+00
MEAN    = 1.20448E+00
STD DEV = 3.54195E-01
VARIANCE= 1.25454E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MO-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	29	29	74.36	74.36		
		T	0	29	0.00	74.36	1.435E+01	1.495E+01
4.000E+00	-	9.200E+00	6	35	15.38	89.74	1.429E+01	-1.387E+01
9.200E+00	-	1.440E+01	1	36	2.56	92.31	8.177E+00	-8.054E+00
1.440E+01	-	1.960E+01	0	36	0.00	92.31	1.976E+00	-1.976E+00
1.960E+01	-	2.480E+01	2	38	5.13	97.44	2.002E-01	9.790E+00
2.480E+01	-	3.000E+01	1	39	2.56	100.00	0.000E-01	0.000E-01
3.000E+01	-	3.520E+01	0	39	0.00	100.00	8.569E-03	-8.569E-03
		G	0	39	0.00	100.00		
		H	0	39				
		B	18	57				
TOTALS LESS H AND B			39				3.900E+01	8.351E-01

HISTOGRAM FOR VARIABLE MO-TL (PPB)

```
6.600E+00 XXXXXXXXXXXXXXX
1.180E+01 XXX
1.700E+01
2.220E+01 XXXXX
2.740E+01 XXX
3.260E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 4.00000E+00
MAXIMUM = 3.00000E+01
MEAN    = 1.11000E+01
STD DEV = 9.02404E+00
VARIANCE= 8.14333E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MO-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		29	29	74.36	74.36		
	T		0	29	0.00	74.36	1.347E+01	1.792E+01
6.021E-01	-	7.821E-01	5	34	12.82	87.18	1.278E+01	-1.239E+01
7.821E-01	-	9.621E-01	1	35	2.56	89.74	8.941E+00	-8.829E+00
9.621E-01	-	1.142E+00	1	36	2.56	92.31	3.181E+00	-2.867E+00
1.142E+00	-	1.322E+00	2	38	5.13	97.44	5.741E-01	2.910E+00
1.322E+00	-	1.502E+00	1	39	2.56	100.00	5.480E-02	1.819E+01
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	1.493E+01

HISTOGRAM FOR VARIABLE L-MO-TL (PPB)

```
6.921E-01 XXXXXXXXXXXXX
8.721E-01 XXX
1.052E+00 XXX
1.232E+00 XXXXX
1.412E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.02060E-01
MAXIMUM = 1.47712E+00
MEAN    = 9.32222E-01
STD DEV = 3.17590E-01
VARIANCE= 1.00863E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE MO-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		12	12	66.67	66.67		
	T		0	12	0.00	66.67	5.448E+00	7.881E+00
1.000E+00	-	3.000E+00	1	13	5.56	72.22	3.267E-02	3.058E+01
3.000E+00	-	5.000E+00	1	14	5.56	77.78	3.276E-02	3.050E+01
5.000E+00	-	7.000E+00	2	16	11.11	88.89	3.284E-02	6.086E+01
7.000E+00	-	9.000E+00	0	16	0.00	88.89	3.293E-02	-3.293E-02
9.000E+00	-	1.100E+01	2	18	11.11	100.00	3.301E-02	6.055E+01
1.100E+01	-	1.300E+01	0	18	0.00	100.00	1.239E+01	-1.239E+01
	G		0	18	0.00	100.00		
	H		0	18				
	B		39	57				
TOTALS LESS H AND B			18				1.800E+01	1.779E+02

HISTOGRAM FOR VARIABLE MO-TR (PPB)

```
     2.000E+00 XXXXXX
     4.000E+00 XXXXXX
     6.000E+00 XXXXXXXXXXX
     8.000E+00
     1.000E+01 XXXXXXXXXXX
     1.200E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  1.10000E+01
MEAN    =  6.66667E+00
STD DEV =  3.82971E+00
VARIANCE=  1.46667E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-MO-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		12	12	66.67	66.67		
	T		0	12	0.00	66.67	1.915E+00	5.313E+01
0.000E-01	-	2.100E-01	1	13	5.56	72.22	7.784E-01	5.062E-01
2.100E-01	-	4.200E-01	0	13	0.00	72.22	9.653E-01	-9.653E-01
4.200E-01	-	6.300E-01	0	13	0.00	72.22	1.146E+00	-1.146E+00
6.300E-01	-	8.400E-01	3	16	16.67	88.89	1.304E+00	9.960E-01
8.400E-01	-	1.050E+00	2	18	11.11	100.00	1.189E+01	-1.172E+01
	G		0	18	0.00	100.00		
	H		0	18				
	B		39	57				
TOTALS LESS H AND B			18				1.800E+01	4.080E+01

HISTOGRAM FOR VARIABLE L-MO-TR (PPB)

```
1.050E-01 XXXXXX
3.150E-01
5.250E-01
7.350E-01 XXXXXXXXXXXXXXXXX
9.450E-01 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 0.00000E-01
MAXIMUM = 1.04139E+00
MEAN    = 7.23010E-01
STD DEV = 3.82658E-01
VARIANCE= 1.46427E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE          NA-D  (PPM)

       LIMITS             OBS   CUM    PERCENT  PERCENT           THEOR FREQ
  LOWER   -     UPPER     FREQ  FREQ    FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

          N                0     0      0.00      0.00
          L                0     0      0.00      0.00
          T                0     0      0.00      0.00
 7.000E-01 -  6.470E+01   36    36     75.00     75.00            1.099E+01             -7.720E+00
 6.470E+01 -  1.287E+02    8    44     16.67     91.67            1.027E+01             -9.492E+00
 1.287E+02 -  1.927E+02    1    45      2.08     93.75            6.830E+00             -6.684E+00
 1.927E+02 -  2.567E+02    1    46      2.08     95.83            3.233E+00             -2.924E+00
 2.567E+02 -  3.207E+02    0    46      0.00     95.83            1.089E+00             -1.089E+00
 3.207E+02 -  3.847E+02    0    46      0.00     95.83            2.610E-01             -2.610E-01
 3.847E+02 -  4.487E+02    0    46      0.00     95.83            4.448E-02             -4.448E-02
 4.487E+02 -  5.127E+02    1    47      2.08     97.92            0.000E-01              0.000E-01
 5.127E+02 -  5.767E+02    1    48      2.08    100.00            5.882E-03              1.700E+02
          G                0    48      0.00    100.00
          H                0    48
          B                9    57

TOTALS LESS H AND B       48                                      3.273E+01              1.418E+02


HISTOGRAM FOR VARIABLE          NA-D  (PPM)

     3.270E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     9.670E+01 XXXXXXXXXXXXXXXX
     1.607E+02 XX
     2.247E+02 XX
     2.887E+02
     3.527E+02
     4.167E+02
     4.807E+02 XX
     5.447E+02 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E-01
MAXIMUM =  5.12900E+02
MEAN    =  5.18729E+01
STD DEV =  1.08203E+02
VARIANCE=  1.17079E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NA-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-1.549E-01	-	2.051E-01	10	10	20.83	20.83	3.816E+00	-1.195E+00
2.051E-01	-	5.651E-01	6	16	12.50	33.33	6.094E+00	-5.109E+00
5.651E-01	-	9.251E-01	2	18	4.17	37.50	7.971E+00	-7.720E+00
9.251E-01	-	1.285E+00	14	32	29.17	66.67	8.537E+00	-6.898E+00
1.285E+00	-	1.645E+00	3	35	6.25	72.92	7.489E+00	-7.089E+00
1.645E+00	-	2.005E+00	7	42	14.58	87.50	5.380E+00	-4.079E+00
2.005E+00	-	2.365E+00	4	46	8.33	95.83	3.165E+00	-1.901E+00
2.365E+00	-	2.725E+00	2	48	4.17	100.00	2.386E+00	-1.547E+00
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.484E+01	-3.554E+01

HISTOGRAM FOR VARIABLE L-NA-D (PPM)

```
2.510E-02 XXXXXXXXXXXXXXXXXXXX
3.851E-01 XXXXXXXXXXXXX
7.451E-01 XXXX
1.105E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.465E+00 XXXXXX
1.825E+00 XXXXXXXXXXXXXXX
2.185E+00 XXXXXXXX
2.545E+00 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.54902E-01
MAXIMUM =  2.71003E+00
MEAN    =  1.04895E+00
STD DEV =  7.98745E-01
VARIANCE=  6.37993E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          NA-TL (PPM)

      LIMITS                  OBS   CUM    PERCENT  PERCENT          THEOR FREQ
  LOWER   -     UPPER        FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                   0     0     0.00      0.00
            L                   0     0     0.00      0.00
            T                   0     0     0.00      0.00
 7.000E-01 -  1.407E+02        35    35    85.37     85.37             9.873E+00               -6.328E+00
 1.407E+02 -  2.807E+02         1    36     2.44     87.80             8.978E+00               -8.867E+00
 2.807E+02 -  4.207E+02         0    36     0.00     87.80             5.625E+00               -5.625E+00
 4.207E+02 -  5.607E+02         1    37     2.44     90.24             2.428E+00               -2.016E+00
 5.607E+02 -  7.007E+02         3    40     7.32     97.56             7.215E-01                3.436E+00
 7.007E+02 -  8.407E+02         0    40     0.00     97.56             1.476E-01               -1.476E-01
 8.407E+02 -  9.807E+02         0    40     0.00     97.56             2.076E-02               -2.076E-02
 9.807E+02 -  1.121E+03         1    41     2.44    100.00             2.148E-03                4.655E+02
            G                   0    41     0.00    100.00
            H                   0    41
            B                  16    57

TOTALS LESS H AND B            41                                      2.780E+01                4.459E+02


HISTOGRAM FOR VARIABLE        NA-TL  (PPM)

     7.070E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.107E+02 XX
     3.507E+02
     4.907E+02 XX
     6.307E+02 XXXXXXX
     7.707E+02
     9.107E+02
     1.051E+03 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E-01
MAXIMUM =  9.85300E+02
MEAN    =  1.04988E+02
STD DEV =  2.25740E+02
VARIANCE=  5.09585E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NA-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-1.549E-01	-	2.951E-01	10	10	24.39	24.39	4.309E+00	-1.988E+00
2.951E-01	-	7.451E-01	7	17	17.07	41.46	6.381E+00	-5.285E+00
7.451E-01	-	1.195E+00	9	26	21.95	63.41	7.590E+00	-6.404E+00
1.195E+00	-	1.645E+00	2	28	4.88	68.29	7.249E+00	-6.973E+00
1.645E+00	-	2.095E+00	6	34	14.63	82.93	5.560E+00	-4.481E+00
2.095E+00	-	2.545E+00	2	36	4.88	87.80	3.425E+00	-2.841E+00
2.545E+00	-	2.995E+00	5	41	12.20	100.00	2.650E+00	-7.627E-01
	G		0	41	0.00	100.00		
	H		0	41				
	B		16	57				
TOTALS LESS H AND B			41				3.716E+01	-2.873E+01

HISTOGRAM FOR VARIABLE L-NA-TL (PPM)

```
7.010E-02 XXXXXXXXXXXXXXXXXXXXXXX
5.201E-01 XXXXXXXXXXXXXXXXX
9.701E-01 XXXXXXXXXXXXXXXXXXXXX
1.420E+00 XXXXX
1.870E+00 XXXXXXXXXXXXXXX
2.320E+00 XXXXX
2.770E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.54902E-01
MAXIMUM =  2.99357E+00
MEAN    =  1.10086E+00
STD DEV =  9.52005E-01
VARIANCE=  9.06314E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NA-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		12	12	75.00	75.00		
	T		0	12	0.00	75.00	5.842E+00	6.490E+00
5.000E-01	-	7.000E-01	2	14	12.50	87.50	5.633E+00	-5.278E+00
7.000E-01	-	9.000E-01	1	15	6.25	93.75	3.443E+00	-3.153E+00
9.000E-01	-	1.100E+00	0	15	0.00	93.75	9.552E-01	-9.552E-01
1.100E+00	-	1.300E+00	1	16	6.25	100.00	1.196E-01	8.238E+00
1.300E+00	-	1.500E+00	0	16	0.00	100.00	6.889E-03	-6.889E-03
	G		0	16	0.00	100.00		
	H		0	16				
	B		41	57				
TOTALS LESS H AND B			16				1.600E+01	5.335E+00

HISTOGRAM FOR VARIABLE NA-S (PPM)

```
     6.000E-01 XXXXXXXXXXXX
     8.000E-01 XXXXXX
     1.000E+00
     1.200E+00 XXXXXX
     1.400E+00
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  5.00000E-01
MAXIMUM =  1.30000E+00
MEAN    =  8.00000E-01
STD DEV =  3.82971E-01
VARIANCE=  1.46667E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NA-S (PPM)

LIMITS LOWER	- UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N	0	0	0.00	0.00		
	L	12	12	75.00	75.00		
	T	0	12	0.00	75.00	5.783E+00	6.684E+00
-3.010E-01	-2.010E-01	2	14	12.50	87.50	5.235E+00	-4.853E+00
-2.010E-01	-1.010E-01	0	14	0.00	87.50	3.536E+00	-3.536E+00
-1.010E-01	-1.030E-03	1	15	6.25	93.75	1.215E+00	-3.915E-01
-1.030E-03	9.897E-02	0	15	0.00	93.75	2.116E-01	-2.116E-01
9.897E-02	1.990E-01	1	16	6.25	100.00	1.946E-02	5.136E+01
	G	0	16	0.00	100.00		
	H	0	16				
	B	41	57				
TOTALS LESS H AND B		16				1.600E+01	4.907E+01

HISTOGRAM FOR VARIABLE L-NA-S (PPM)

```
    -2.510E-01 XXXXXXXXXXXX
    -1.510E-01
    -5.103E-02 XXXXXX
     4.897E-02
     1.490E-01 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.01030E-01
MAXIMUM =  1.13943E-01
MEAN    = -1.33469E-01
STD DEV =  2.04173E-01
VARIANCE=  4.16865E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NA-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	20.00	20.00		
	T		0	2	0.00	20.00	3.013E+00	3.403E-01
2.900E+00	-	1.490E+01	6	8	60.00	80.00	2.497E+00	-9.490E-02
1.490E+01	-	2.690E+01	1	9	10.00	90.00	2.305E+00	-1.871E+00
2.690E+01	-	3.890E+01	0	9	0.00	90.00	1.416E+00	-1.416E+00
3.890E+01	-	5.090E+01	0	9	0.00	90.00	5.793E-01	-5.793E-01
5.090E+01	-	6.290E+01	1	10	10.00	100.00	1.899E-01	5.076E+00
	G		0	10	0.00	100.00		
	H		0	10				
	B		47	57				
TOTALS LESS H AND B			10				1.000E+01	1.455E+00

HISTOGRAM FOR VARIABLE NA-TR (PPM)

```
8.900E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.090E+01 XXXXXXXXXX
3.290E+01
4.490E+01
5.690E+01 XXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.90000E+00
MAXIMUM = 6.10000E+01
MEAN = 1.52750E+01
STD DEV = 1.99134E+01
VARIANCE= 3.96542E+02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NA-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	20.00	20.00		
	T		0	2	0.00	20.00	2.714E+00	1.881E-01
4.624E-01	-	7.224E-01	4	6	40.00	60.00	1.837E+00	3.395E-01
7.224E-01	-	9.824E-01	0	6	0.00	60.00	1.941E+00	-1.941E+00
9.824E-01	-	1.242E+00	2	8	20.00	80.00	1.611E+00	-3.694E-01
1.242E+00	-	1.502E+00	1	9	10.00	90.00	1.051E+00	-9.936E-02
1.502E+00	-	1.762E+00	0	9	0.00	90.00	5.388E-01	-5.388E-01
1.762E+00	-	2.022E+00	1	10	10.00	100.00	3.067E-01	2.953E+00
	G		0	10	0.00	100.00		
	H		0	10				
	B		47	57				
TOTALS LESS H AND B			10				1.000E+01	5.327E-01

HISTOGRAM FOR VARIABLE L-NA-TR (PPM)

```
5.924E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
8.524E-01
1.112E+00 XXXXXXXXXXXXXXXXXXX
1.372E+00 XXXXXXXXXX
1.632E+00
1.892E+00 XXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 4.62398E-01
MAXIMUM = 1.78533E+00
MEAN = 9.29236E-01
STD DEV = 4.78042E-01
VARIANCE= 2.28524E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NI-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		46	46	93.88	93.88		
	T		0	46	0.00	93.88	3.584E+01	2.878E+00
4.000E+01	-	8.300E+01	2	48	4.08	97.96	1.242E+01	-1.226E+01
8.300E+01	-	1.260E+02	0	48	0.00	97.96	7.314E-01	-7.314E-01
1.260E+02	-	1.690E+02	0	48	0.00	97.96	0.000E-01	0.000E-01
1.690E+02	-	2.120E+02	1	49	2.04	100.00	4.852E-03	2.061E+02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	1.960E+02

HISTOGRAM FOR VARIABLE NI-D (PPB)

```
     6.150E+01 XXXX
     1.045E+02
     1.475E+02
     1.905E+02 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  4.00000E+01
MAXIMUM =  2.10000E+02
MEAN    =  9.66667E+01
STD DEV =  9.81495E+01
VARIANCE=  9.63333E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NI-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	46	46	93.88	93.88		
		I	0	46	0.00	93.88	4.727E+01	3.395E-02
1.602E+00	-	1.782E+00	2	48	4.08	97.96	1.627E+00	-3.971E-01
1.782E+00	-	1.962E+00	0	48	0.00	97.96	1.042E-01	-1.042E-01
1.962E+00	-	2.142E+00	0	48	0.00	97.96	0.000E-01	0.000E-01
2.142E+00	-	2.322E+00	0	48	0.00	97.96	0.000E-01	0.000E-01
2.322E+00	-	2.502E+00	1	49	2.04	100.00	2.395E-03	4.175E+02
		G	0	49	0.00	100.00		
		H	0	49				
		B	8	57				
TOTALS LESS H AND B			49				4.900E+01	4.171E+02

HISTOGRAM FOR VARIABLE L-NI-D (PPB)

```
     1.692E+00 XXXX
     1.872E+00
     2.052E+00
     2.232E+00
     2.412E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.60206E+00
MAXIMUM = 2.32222E+00
MEAN    = 1.84211E+00
STD DEV = 4.15784E-01
VARIANCE= 1.72876E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		37	37	94.87	94.87		
	T		0	37	0.00	94.87	3.099E+01	1.166E+00
1.000E+02	-	2.400E+02	1	38	2.56	97.44	7.801E+00	-7.673E+00
2.400E+02	-	3.800E+02	0	38	0.00	97.44	0.000E-01	0.000E-01
3.800E+02	-	5.200E+02	1	39	2.56	100.00	0.000E-01	0.000E-01
5.200E+02	-	6.600E+02	0	39	0.00	100.00	2.104E-01	-2.104E-01
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-6.717E+00

HISTOGRAM FOR VARIABLE NI-TL (PPB)

```
1.700E+02 XXX
3.100E+02
4.500E+02 XXX
5.900E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.00000E+02
MAXIMUM = 5.20000E+02
MEAN    = 3.10000E+02
STD DEV = 2.96985E+02
VARIANCE= 8.82000E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		37	37	94.87	94.87		
	T		0	37	0.00	94.87	3.882E+01	8.503E-02
2.000E+00	-	2.240E+00	1	38	2.56	97.44	1.745E-01	5.555E+00
2.240E+00	-	2.480E+00	0	38	0.00	97.44	0.000E-01	0.000E-01
2.480E+00	-	2.720E+00	1	39	2.56	100.00	8.700E-03	1.149E+02
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	1.206E+02

HISTOGRAM FOR VARIABLE L-NI-TL (PPB)

```
2.120E+00 XXX
2.360E+00
2.600E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.00000E+00
MAXIMUM = 2.71600E+00
MEAN    = 2.35800E+00
STD DEV = 5.06291E-01
VARIANCE= 2.56330E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NI-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	6.102E+00	3.932E+00
1.000E+02	-	1.200E+03	4	15	23.53	88.24	4.218E+00	-3.269E+00
1.200E+03	-	2.300E+03	0	15	0.00	88.24	3.572E+00	-3.572E+00
2.300E+03	-	3.400E+03	0	15	0.00	88.24	2.053E+00	-2.053E+00
3.400E+03	-	4.500E+03	0	15	0.00	88.24	8.009E-01	-8.009E-01
4.500E+03	-	5.600E+03	2	17	11.76	100.00	2.549E-01	7.591E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	1.829E+00

HISTOGRAM FOR VARIABLE NI-S (PPB)

```
     6.500E+02 XXXXXXXXXXXXXXXXXXXXXXX
     1.750E+03
     2.850E+03
     3.950E+03
     5.050E+03 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+02
MAXIMUM =  5.40000E+03
MEAN    =  2.03333E+03
STD DEV =  2.55082E+03
VARIANCE=  6.50667E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NI-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	1.002E+01	9.597E-02
2.000E+00	-	2.350E+00	2	13	11.76	76.47	2.358E+00	-1.509E+00
2.350E+00	-	2.700E+00	1	14	5.88	82.35	1.876E+00	-1.343E+00
2.700E+00	-	3.050E+00	1	15	5.88	88.24	1.293E+00	-5.202E-01
3.050E+00	-	3.400E+00	0	15	0.00	88.24	7.725E-01	-7.725E-01
3.400E+00	-	3.750E+00	2	17	11.76	100.00	6.809E-01	2.257E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-1.793E+00

HISTOGRAM FOR VARIABLE L-NI-S (PPB)

```
2.175E+00 XXXXXXXXXXX
2.525E+00 XXXXXX
2.875E+00 XXXXXX
3.225E+00
3.575E+00 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.00000E+00
MAXIMUM = 3.73239E+00
MEAN    = 2.87109E+00
STD DEV = 7.36386E-01
VARIANCE= 5.42264E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE NI-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	52.94	52.94		
	T		0	9	0.00	52.94	5.876E+00	1.661E+00
5.000E+01	-	1.150E+03	6	15	35.29	88.24	3.989E+00	-2.485E+00
1.150E+03	-	2.250E+03	0	15	0.00	88.24	3.545E+00	-3.545E+00
2.250E+03	-	3.350E+03	0	15	0.00	88.24	2.222E+00	-2.222E+00
3.350E+03	-	4.450E+03	0	15	0.00	88.24	9.825E-01	-9.825E-01
4.450E+03	-	5.550E+03	1	16	5.88	94.12	3.062E-01	2.960E+00
5.550E+03	-	6.650E+03	1	17	5.88	100.00	7.888E-02	1.260E+01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	7.984E+00

HISTOGRAM FOR VARIABLE NI-TR (PPB)

```
6.000E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.700E+03
2.800E+03
3.900E+03
5.000E+03 XXXXXX
6.100E+03 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.00000E+01
MAXIMUM = 5.72000E+03
MEAN = 1.61575E+03
STD DEV = 2.48508E+03
VARIANCE= 6.17564E+06

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-NI-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	52.94	52.94		
	T		0	9	0.00	52.94	5.728E+00	1.869E+00
1.699E+00	-	2.109E+00	3	12	17.65	70.59	3.496E+00	-2.638E+00
2.109E+00	-	2.519E+00	2	14	11.76	82.35	3.308E+00	-2.704E+00
2.519E+00	-	2.929E+00	0	14	0.00	82.35	2.385E+00	-2.385E+00
2.929E+00	-	3.339E+00	1	15	5.88	88.24	1.309E+00	-5.457E-01
3.339E+00	-	3.749E+00	1	16	5.88	94.12	5.475E-01	1.279E+00
3.749E+00	-	4.159E+00	1	17	5.88	100.00	2.256E-01	4.209E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-9.186E-01

HISTOGRAM FOR VARIABLE L-NI-TR (PPB)

```
1.904E+00 XXXXXXXXXXXXXXXXX
2.314E+00 XXXXXXXXXXX
2.724E+00
3.134E+00 XXXXXX
3.544E+00 XXXXXX
3.954E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.69897E+00
MAXIMUM = 3.75740E+00
MEAN    = 2.58739E+00
STD DEV = 8.32997E-01
VARIANCE= 6.93884E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE OC-D (ORGANIC CARBON) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.400E+00	-	3.900E+00	10	10	21.28	21.28	5.734E+00	-3.990E+00
3.900E+00	-	5.400E+00	17	27	36.17	57.45	8.596E+00	-6.618E+00
5.400E+00	-	6.900E+00	4	31	8.51	65.96	9.803E+00	-9.395E+00
6.900E+00	-	8.400E+00	6	37	12.77	78.72	8.506E+00	-7.801E+00
8.400E+00	-	9.900E+00	4	41	8.51	87.23	5.616E+00	-4.903E+00
9.900E+00	-	1.140E+01	4	45	8.51	95.74	2.820E+00	-1.402E+00
1.140E+01	-	1.290E+01	0	45	0.00	95.74	1.077E+00	-1.077E+00
1.290E+01	-	1.440E+01	2	47	4.26	100.00	3.131E-01	6.075E+00
1.440E+01	-	1.590E+01	0	47	0.00	100.00	8.243E-02	-8.243E-02
	G		0	47	0.00	100.00		
	H		0	47				
	B		10	57				
TOTALS LESS H AND B			47				4.255E+01	-2.919E+01

HISTOGRAM FOR VARIABLE OC-D (ORGANIC CARBON) (PPM)

```
3.150E+00 XXXXXXXXXXXXXXXXXXXX
4.650E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.150E+00 XXXXXXXXX
7.650E+00 XXXXXXXXXXXXX
9.150E+00 XXXXXXXXX
1.065E+01 XXXXXXXXX
1.215E+01
1.365E+01 XXXX
1.515E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.40000E+00
MAXIMUM = 1.44000E+01
MEAN = 6.12128E+00
STD DEV = 2.83579E+00
VARIANCE= 8.04171E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-OC-D (ORGANIC CARBON) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
3.802E-01	-	4.772E-01	4	4	8.51	8.51	2.565E+00	-1.005E+00
4.772E-01	-	5.742E-01	6	10	12.77	21.28	5.001E+00	-3.801E+00
5.742E-01	-	6.712E-01	7	17	14.89	36.17	7.647E+00	-6.732E+00
6.712E-01	-	7.682E-01	10	27	21.28	57.45	9.173E+00	-8.082E+00
7.682E-01	-	8.652E-01	6	33	12.77	70.21	8.629E+00	-7.934E+00
8.652E-01	-	9.622E-01	8	41	17.02	87.23	6.367E+00	-5.111E+00
9.622E-01	-	1.059E+00	4	45	8.51	95.74	3.685E+00	-2.600E+00
1.059E+00	-	1.156E+00	1	46	2.13	97.87	1.673E+00	-1.075E+00
1.156E+00	-	1.253E+00	1	47	2.13	100.00	8.049E-01	4.375E-01
	G		0	47	0.00	100.00		
	H		0	47				
	B		10	57				
TOTALS LESS H AND B			47				4.554E+01	-3.590E+01

HISTOGRAM FOR VARIABLE L-OC-D (ORGANIC CARBON) (PPM)

```
4.287E-01 XXXXXXXXX
5.257E-01 XXXXXXXXXXXXX
6.227E-01 XXXXXXXXXXXXXXX
7.197E-01 XXXXXXXXXXXXXXXXXXXXX
8.167E-01 XXXXXXXXXXXXX
9.137E-01 XXXXXXXXXXXXXXXXX
1.011E+00 XXXXXXXXX
1.108E+00 XX
1.205E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 3.80211E-01
MAXIMUM = 1.15836E+00
MEAN    = 7.43830E-01
STD DEV = 1.94786E-01
VARIANCE= 3.79414E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE OC-TL (ORGANIC CARBON) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	5.56	5.56		
	T		0	2	0.00	5.56	5.448E+00	2.182E+00
2.100E+00	-	3.600E+00	10	12	27.78	33.33	5.465E+00	-3.636E+00
3.600E+00	-	5.100E+00	13	25	36.11	69.44	7.087E+00	-5.252E+00
5.100E+00	-	6.600E+00	4	29	11.11	80.56	7.087E+00	-6.522E+00
6.600E+00	-	8.100E+00	1	30	2.78	83.33	5.465E+00	-5.282E+00
8.100E+00	-	9.600E+00	2	32	5.56	88.89	3.251E+00	-2.635E+00
9.600E+00	-	1.110E+01	2	34	5.56	94.44	1.491E+00	-1.493E-01
1.110E+01	-	1.260E+01	1	35	2.78	97.22	5.272E-01	1.370E+00
1.260E+01	-	1.410E+01	1	36	2.78	100.00	1.795E-01	5.392E+00
	G		0	36	0.00	100.00		
	H		0	36				
	B		21	57				
TOTALS LESS H AND B			36				3.600E+01	-1.453E+01

HISTOGRAM FOR VARIABLE OC-TL (ORGANIC CARBON) (PPM)

```
     2.850E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXX
     4.350E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.850E+00 XXXXXXXXXXX
     7.350E+00 XXX
     8.850E+00 XXXXXX
     1.035E+01 XXXXXX
     1.185E+01 XXX
     1.335E+01 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.10000E+00
MAXIMUM =  1.28000E+01
MEAN    =  5.28235E+00
STD DEV =  2.89278E+00
VARIANCE=  8.36816E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-OC-TL (ORGANIC CARBON) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	5.56	5.56		
	T		0	2	0.00	5.56	2.590E+00	1.345E-01
3.222E-01	-	4.322E-01	5	7	13.89	19.44	3.395E+00	-1.922E+00
4.322E-01	-	5.422E-01	4	11	11.11	30.56	5.419E+00	-4.681E+00
5.422E-01	-	6.522E-01	9	20	25.00	55.56	6.821E+00	-5.501E+00
6.522E-01	-	7.622E-01	5	25	13.89	69.44	6.769E+00	-6.031E+00
7.622E-01	-	8.722E-01	5	30	13.89	83.33	5.298E+00	-4.354E+00
8.722E-01	-	9.822E-01	2	32	5.56	88.89	3.269E+00	-2.657E+00
9.822E-01	-	1.092E+00	2	34	5.56	94.44	1.591E+00	-3.332E-01
1.092E+00	-	1.202E+00	2	36	5.56	100.00	8.483E-01	1.509E+00
	G		0	36	0.00	100.00		
	H		0	36				
	B		21	57				
TOTALS LESS H AND B			36				3.600E+01	-2.384E+01

HISTOGRAM FOR VARIABLE L-OC-TL (ORGANIC CARBON) (PPM)

```
3.772E-01 XXXXXXXXXXXXX
4.872E-01 XXXXXXXXXXX
5.972E-01 XXXXXXXXXXXXXXXXXXXXXXXXX
7.072E-01 XXXXXXXXXXXXXX
8.172E-01 XXXXXXXXXXXXXX
9.272E-01 XXXXXX
1.037E+00 XXXXXX
1.147E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.22219E-01
MAXIMUM = 1.10721E+00
MEAN = 6.69168E-01
STD DEV = 2.12557E-01
VARIANCE= 4.51806E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PB-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		24	24	52.17	52.17		
	T		0	24	0.00	52.17	1.028E+01	1.830E+01
3.000E+00	-	7.500E+00	7	31	15.22	67.39	1.195E+01	-1.137E+01
7.500E+00	-	1.200E+01	8	39	17.39	84.78	1.230E+01	-1.165E+01
1.200E+01	-	1.650E+01	0	39	0.00	84.78	7.719E+00	-7.719E+00
1.650E+01	-	2.100E+01	6	45	13.04	97.83	2.952E+00	-9.188E-01
2.100E+01	-	2.550E+01	0	45	0.00	97.83	6.871E-01	-6.871E-01
2.550E+01	-	3.000E+01	1	46	2.17	100.00	9.726E-02	1.018E+01
3.000E+01	-	3.450E+01	0	46	0.00	100.00	8.807E-03	-8.807E-03
	G		0	46	0.00	100.00		
	H		0	46				
	B		11	57				
TOTALS LESS H AND B			46				4.600E+01	-3.867E+00

HISTOGRAM FOR VARIABLE PB-D (PPB)

```
     5.250E+00 XXXXXXXXXXXXXX
     9.750E+00 XXXXXXXXXXXXXXXX
     1.425E+01
     1.875E+01 XXXXXXXXXXXX
     2.325E+01
     2.775E+01 XX
     3.225E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  3.00000E+00
MAXIMUM =  3.00000E+01
MEAN    =  1.18636E+01
STD DEV =  7.08651E+00
VARIANCE=  5.02186E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PB-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		24	24	52.17	52.17		
	T		0	24	0.00	52.17	5.642E+00	5.973E+01
4.771E-01	-	6.471E-01	2	26	4.35	56.52	7.996E+00	-7.746E+00
6.471E-01	-	8.171E-01	3	29	6.52	63.04	1.106E+01	-1.079E+01
8.171E-01	-	9.871E-01	3	32	6.52	69.57	1.046E+01	-1.017E+01
9.871E-01	-	1.157E+00	7	39	15.22	84.78	6.754E+00	-5.717E+00
1.157E+00	-	1.327E+00	6	45	13.04	97.83	2.980E+00	-9.667E-01
1.327E+00	-	1.497E+00	1	46	2.17	100.00	1.111E+00	-2.113E-01
	G		0	46	0.00	100.00		
	H		0	46				
	B		11	57				
TOTALS LESS H AND B			46				4.600E+01	2.413E+01

HISTOGRAM FOR VARIABLE L-PB-D (PPB)

```
5.621E-01 XXXX
7.321E-01 XXXXXXX
9.021E-01 XXXXXXX
1.072E+00 XXXXXXXXXXXXXXX
1.242E+00 XXXXXXXXXXXXX
1.412E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 4.77121E-01
MAXIMUM = 1.47712E+00
MEAN    = 9.99186E-01
STD DEV = 2.66800E-01
VARIANCE= 7.11823E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PB-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		20	20	51.28	51.28		
	T		0	20	0.00	51.28	9.804E+00	1.060E+01
4.000E+00	-	8.300E+00	5	25	12.82	64.10	9.677E+00	-9.160E+00
8.300E+00	-	1.260E+01	6	31	15.38	79.49	9.684E+00	-9.065E+00
1.260E+01	-	1.690E+01	3	34	7.69	87.18	6.298E+00	-5.822E+00
1.690E+01	-	2.120E+01	4	38	10.26	97.44	2.661E+00	-1.157E+00
2.120E+01	-	2.550E+01	0	38	0.00	97.44	7.297E-01	-7.297E-01
2.550E+01	-	2.980E+01	0	38	0.00	97.44	1.298E-01	-1.298E-01
2.980E+01	-	3.410E+01	1	39	2.56	100.00	1.614E-02	6.193E+01
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	4.647E+01

HISTOGRAM FOR VARIABLE PB-TL (PPB)

```
6.150E+00 XXXXXXXXXXXX
1.045E+01 XXXXXXXXXXXXXX
1.475E+01 XXXXXXXX
1.905E+01 XXXXXXXXXX
2.335E+01
2.765E+01
3.195E+01 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 4.00000E+00
MAXIMUM = 3.00000E+01
MEAN = 1.28421E+01
STD DEV = 6.70210E+00
VARIANCE= 4.49181E+01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PB-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		20	20	51.28	51.28		
	T		0	20	0.00	51.28	8.421E+00	1.592E+01
6.021E-01	-	7.521E-01	3	23	7.69	58.97	7.261E+00	-6.848E+00
7.521E-01	-	9.021E-01	0	23	0.00	58.97	8.271E+00	-8.271E+00
9.021E-01	-	1.052E+00	8	31	20.51	79.49	7.101E+00	-5.975E+00
1.052E+00	-	1.202E+00	2	33	5.13	84.62	4.596E+00	-4.160E+00
1.202E+00	-	1.352E+00	5	38	12.82	97.44	2.242E+00	-1.100E-02
1.352E+00	-	1.502E+00	1	39	2.56	100.00	1.108E+00	-2.057E-01
	G		0	39	0.00	100.00		
	H		0	39				
	B		18	57				
TOTALS LESS H AND B			39				3.900E+01	-9.551E+00

HISTOGRAM FOR VARIABLE L-PB-TL (PPB)

```
6.771E-01 XXXXXXXX
8.271E-01
9.771E-01 XXXXXXXXXXXXXXXXXXXX
1.127E+00 XXXXX
1.277E+00 XXXXXXXXXXXX
1.427E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.02060E-01
MAXIMUM = 1.47712E+00
MEAN    = 1.05178E+00
STD DEV = 2.33563E-01
VARIANCE= 5.45517E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PB-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		15	15	88.24	88.24		
	T		0	15	0.00	88.24	6.179E+00	1.259E+01
2.000E+02	-	1.800E+03	1	16	5.88	94.12	6.209E+00	-6.048E+00
1.800E+03	-	3.400E+03	0	16	0.00	94.12	3.617E+00	-3.617E+00
3.400E+03	-	5.000E+03	1	17	5.88	100.00	8.971E-01	2.176E-01
5.000E+03	-	6.600E+03	0	17	0.00	100.00	9.830E-02	-9.830E-02
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	3.048E+00

HISTOGRAM FOR VARIABLE PB-S (PPB)

```
1.000E+03 XXXXXX
2.600E+03
4.200E+03 XXXXXX
5.800E+03
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.00000E+02
MAXIMUM = 5.00000E+03
MEAN    = 2.60000E+03
STD DEV = 3.39411E+03
VARIANCE= 1.15200E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PB-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	15	15	88.24	88.24		
		T	0	15	0.00	88.24	1.285E+01	3.597E-01
2.301E+00	-	2.771E+00	1	16	5.88	94.12	1.735E+00	-1.159E+00
2.771E+00	-	3.241E+00	0	16	0.00	94.12	1.163E+00	-1.163E+00
3.241E+00	-	3.711E+00	1	17	5.88	100.00	1.252E+00	-4.531E-01
		G	0	17	0.00	100.00		
		H	0	17				
		B	40	57				
TOTALS LESS H AND B			17				1.700E+01	-2.415E+00

HISTOGRAM FOR VARIABLE L-PB-S (PPB)

```
2.536E+00 XXXXXX
3.006E+00
3.476E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.30103E+00
MAXIMUM =  3.69897E+00
MEAN    =  3.00000E+00
STD DEV =  9.88493E-01
VARIANCE=  9.77118E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          PB-TR  (PPB)

       LIMITS               OBS    CUM     PERCENT   PERCENT               THEOR FREQ
  LOWER   -      UPPER      FREQ   FREQ    FREQ CUM FREQ              (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                 0      0      0.00       0.00
            L                 4      4     25.00      25.00
            T                 0      4      0.00      25.00              4.991E+00               1.967E-01
 6.000E+00 -  8.460E+02      11     15     68.75      93.75              3.004E+00               6.579E-01
 8.460E+02 -  1.686E+03       0     15      0.00      93.75              3.005E+00              -3.005E+00
 1.686E+03 -  2.526E+03       0     15      0.00      93.75              2.377E+00              -2.377E+00
 2.526E+03 -  3.366E+03       0     15      0.00      93.75              1.486E+00              -1.486E+00
 3.366E+03 -  4.206E+03       0     15      0.00      93.75              7.347E-01              -7.347E-01
 4.206E+03 -  5.046E+03       1     16      6.25     100.00              4.023E-01               2.083E+00
            G                 0     16      0.00     100.00
            H                 0     16
            B                41     57

TOTALS LESS H AND B          16                                          1.600E+01              -4.665E+00


HISTOGRAM FOR VARIABLE          PB-TR  (PPB)

     4.260E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.266E+03
     2.106E+03
     2.946E+03
     3.786E+03
     4.626E+03 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  6.00000E+00
MAXIMUM =  5.03000E+03
MEAN    =  4.52083E+02
STD DEV =  1.44221E+03
VARIANCE=  2.07996E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PB-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	25.00	25.00		
	T		0	4	0.00	25.00	2.262E+00	1.335E+00
7.782E-01	-	1.268E+00	7	11	43.75	68.75	2.155E+00	1.094E+00
1.268E+00	-	1.758E+00	1	12	6.25	75.00	2.850E+00	-2.499E+00
1.758E+00	-	2.248E+00	3	15	18.75	93.75	3.008E+00	-2.011E+00
2.248E+00	-	2.738E+00	0	15	0.00	93.75	2.535E+00	-2.535E+00
2.738E+00	-	3.228E+00	0	15	0.00	93.75	1.704E+00	-1.704E+00
3.228E+00	-	3.718E+00	1	16	6.25	100.00	1.488E+00	-8.131E-01
	G		0	16	0.00	100.00		
	H		0	16				
	B		41	57				
TOTALS LESS H AND B			16				1.600E+01	-7.133E+00

HISTOGRAM FOR VARIABLE L-PB-TR (PPB)

```
1.023E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.513E+00 XXXXXX
2.003E+00 XXXXXXXXXXXXXXXXXX
2.493E+00
2.983E+00
3.473E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.78151E-01
MAXIMUM = 3.70157E+00
MEAN = 1.50815E+00
STD DEV = 8.19802E-01
VARIANCE= 6.72075E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PHOS-D (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
4.000E-01	-	1.100E+00	4	4	26.67	26.67	2.178E+00	-3.410E-01
1.100E+00	-	1.800E+00	4	8	26.67	53.33	3.174E+00	-1.914E+00
1.800E+00	-	2.500E+00	2	10	13.33	66.67	3.345E+00	-2.747E+00
2.500E+00	-	3.200E+00	3	13	20.00	86.67	2.549E+00	-1.372E+00
3.200E+00	-	3.900E+00	1	14	6.67	93.33	1.405E+00	-6.926E-01
3.900E+00	-	4.600E+00	0	14	0.00	93.33	5.594E-01	-5.594E-01
4.600E+00	-	5.300E+00	1	15	6.67	100.00	2.002E-01	4.796E+00
	G		0	15	0.00	100.00		
	H		0	15				
	B		42	57				
TOTALS LESS H AND B			15				1.341E+01	-2.831E+00

HISTOGRAM FOR VARIABLE PHOS-D (AS PO4) (PPM)

```
7.500E-01 XXXXXXXXXXXXXXXXXXXXXXXXX
1.450E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.150E+00 XXXXXXXXXXXXX
2.850E+00 XXXXXXXXXXXXXXXXXX
3.550E+00 XXXXXXX
4.250E+00
4.950E+00 XXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  4.00000E-01
MAXIMUM =  4.60000E+00
MEAN    =  1.91333E+00
STD DEV =  1.21236E+00
VARIANCE=  1.46981E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PHOS-D (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	0	0	0.00	0.00		
		T	0	0	0.00	0.00		
-3.979E-01	-	-2.179E-01	3	3	20.00	20.00	1.075E+00	1.714E+00
-2.179E-01	-	-3.794E-02	1	4	6.67	26.67	2.093E+00	-1.615E+00
-3.794E-02	-	1.421E-01	1	5	6.67	33.33	3.021E+00	-2.690E+00
1.421E-01	-	3.221E-01	3	8	20.00	53.33	3.235E+00	-2.307E+00
3.221E-01	-	5.021E-01	5	13	33.33	86.67	2.570E+00	-6.236E-01
5.021E-01	-	6.821E-01	2	15	13.33	100.00	2.453E+00	-1.637E+00
		G	0	15	0.00	100.00		
		H	0	15				
		B	42	57				
TOTALS LESS H AND B			15				1.445E+01	-7.159E+00

HISTOGRAM FOR VARIABLE L-PHOS-D (AS PO4) (PPM)

```
-3.079E-01 XXXXXXXXXXXXXXXXXXX
-1.279E-01 XXXXXXX
 5.206E-02 XXXXXXX
 2.321E-01 XXXXXXXXXXXXXXXXXXX
 4.121E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 5.921E-01 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -3.97940E-01
MAXIMUM = 6.62758E-01
MEAN = 1.83300E-01
STD DEV = 3.25223E-01
VARIANCE= 1.05770E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PHOS-TL (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
6.000E-01	-	1.800E+00	5	5	55.56	55.56	1.946E+00	6.228E-01
1.800E+00	-	3.000E+00	3	8	33.33	88.89	2.173E+00	-7.923E-01
3.000E+00	-	4.200E+00	0	8	0.00	88.89	1.673E+00	-1.673E+00
4.200E+00	-	5.400E+00	0	8	0.00	88.89	8.876E-01	-8.876E-01
5.400E+00	-	6.600E+00	0	8	0.00	88.89	3.246E-01	-3.246E-01
6.600E+00	-	7.800E+00	1	9	11.11	100.00	9.779E-02	1.013E+01
	G		0	9	0.00	100.00		
	H		0	9				
	B		48	57				
TOTALS LESS H AND B			9				7.102E+00	7.073E+00

HISTOGRAM FOR VARIABLE PHOS-TL (AS PO4) (PPM)

```
1.200E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.400E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.600E+00
4.800E+00
6.000E+00
7.200E+00 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E-01
MAXIMUM =  6.80000E+00
MEAN    =  2.15556E+00
STD DEV =  1.93656E+00
VARIANCE=  3.75028E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LPHOS-TL (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-2.218E-01	-	-1.185E-02	2	2	22.22	22.22	1.392E+00	4.416E-02
-1.185E-02	-	1.982E-01	3	5	33.33	55.56	2.103E+00	-6.768E-01
1.982E-01	-	4.082E-01	1	6	11.11	66.67	2.155E+00	-1.691E+00
4.082E-01	-	6.182E-01	2	8	22.22	88.89	1.499E+00	-1.640E-01
6.182E-01	-	8.282E-01	0	8	0.00	88.89	7.068E-01	-7.068E-01
8.282E-01	-	1.038E+00	1	9	11.11	100.00	2.829E-01	3.251E+00
	G		0	9	0.00	100.00		
	H		0	9				
	B		48	57				
TOTALS LESS H AND B			9				8.139E+00	5.655E-02

HISTOGRAM FOR VARIABLE LPHOS-TL (AS PO4) (PPM)

```
-1.168E-01 XXXXXXXXXXXXXXXXXXXX
 9.315E-02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 3.032E-01 XXXXXXXXXXX
 5.132E-01 XXXXXXXXXXXXXXXXXXXXX
 7.232E-01
 9.332E-01 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -2.21849E-01
MAXIMUM = 8.32509E-01
MEAN = 2.11424E-01
STD DEV = 3.31561E-01
VARIANCE= 1.09933E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PHOS-S (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	40.00	40.00		
	T		0	2	0.00	40.00	2.931E+00	2.956E-01
3.900E+01	-	4.750E+01	1	3	20.00	60.00	5.029E-01	1.496E+00
4.750E+01	-	5.600E+01	1	4	20.00	80.00	4.415E-01	1.823E+00
5.600E+01	-	6.450E+01	0	4	0.00	80.00	3.608E-01	-3.608E-01
6.450E+01	-	7.300E+01	1	5	20.00	100.00	2.743E-01	3.371E+00
7.300E+01	-	8.150E+01	0	5	0.00	100.00	4.897E-01	-4.897E-01
	G		0	5	0.00	100.00		
	H		0	5				
	B		52	57				
TOTALS LESS H AND B			5				5.000E+00	6.125E+00

HISTOGRAM FOR VARIABLE PHOS-S (AS PO4) (PPM)

```
     4.325E+01 XXXXXXXXXXXXXXXXXXX
     5.175E+01 XXXXXXXXXXXXXXXXXXX
     6.025E+01
     6.875E+01 XXXXXXXXXXXXXXXXXXX
     7.725E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  3.90000E+01
MAXIMUM =  7.30000E+01
MEAN    =  5.33333E+01
STD DEV =  1.76163E+01
VARIANCE=  3.10333E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-PHOS-S (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	40.00	40.00		
	T		0	2	0.00	40.00	3.678E+00	7.652E-01
1.591E+00	-	1.659E+00	1	3	20.00	60.00	8.900E-02	1.115E+01
1.659E+00	-	1.727E+00	1	4	20.00	80.00	8.568E-02	1.159E+01
1.727E+00	-	1.795E+00	0	4	0.00	80.00	8.224E-02	-8.224E-02
1.795E+00	-	1.863E+00	0	4	0.00	80.00	7.870E-02	-7.870E-02
1.863E+00	-	1.931E+00	1	5	20.00	100.00	9.868E-01	2.657E-02
	G		0	5	0.00	100.00		
	H		0	5				
	B		52	57				
TOTALS LESS H AND B			5				5.000E+00	2.336E+01

HISTOGRAM FOR VARIABLE L-PHOS-S (AS PO4) (PPM)

```
1.625E+00 XXXXXXXXXXXXXXXXXXX
1.693E+00 XXXXXXXXXXXXXXXXXXX
1.761E+00
1.829E+00
1.897E+00 XXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.59106E+00
MAXIMUM =  1.86332E+00
MEAN    =  1.71188E+00
STD DEV =  1.38690E-01
VARIANCE=  1.92350E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE PHOS-TR (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.300E+00	-	2.130E+01	2	2	50.00	50.00	7.352E-01	1.985E+00
2.130E+01	-	4.130E+01	1	3	25.00	75.00	8.417E-01	3.464E-01
4.130E+01	-	6.130E+01	0	3	0.00	75.00	7.296E-01	-7.296E-01
6.130E+01	-	8.130E+01	1	4	25.00	100.00	8.382E-01	3.547E-01
	G		0	4	0.00	100.00		
	H		0	4				
	B		53	57				
TOTALS LESS H AND B			4				3.145E+00	1.957E+00

HISTOGRAM FOR VARIABLE PHOS-TR (AS PO4) (PPM)

```
1.130E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.130E+01 XXXXXXXXXXXXXXXXXXXXXXXX
5.130E+01
7.130E+01 XXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.30000E+00
MAXIMUM = 7.98000E+01
MEAN = 3.10250E+01
STD DEV = 3.74715E+01
VARIANCE= 1.40412E+03

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LPHOS-TR (AS PO4) (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.139E-01	-	5.639E-01	2	2	50.00	50.00	6.133E-01	2.648E+00
5.639E-01	-	1.014E+00	0	2	0.00	50.00	7.636E-01	-7.636E-01
1.014E+00	-	1.464E+00	0	2	0.00	50.00	7.488E-01	-7.488E-01
1.464E+00	-	1.914E+00	2	4	50.00	100.00	1.187E+00	4.985E-01
	G		0	4	0.00	100.00		
	H		0	4				
	B		53	57				
TOTALS LESS H AND B			4				3.313E+00	1.634E+00

HISTOGRAM FOR VARIABLE LPHOS-TR (AS PO4) (PPM)

```
3.389E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
7.889E-01
1.239E+00
1.689E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.13943E-01
MAXIMUM = 1.90200E+00
MEAN = 9.77135E-01
STD DEV = 9.11704E-01
VARIANCE= 8.31204E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE          RA-D  (RADIUM 226, RADON METHOD)  (pC/ℓ)

        LIMITS              OBS   CUM     PERCENT  PERCENT          THEOR FREQ
  LOWER    -     UPPER      FREQ  FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N                0     0      0.00      0.00
             L                1     1      3.23      3.23
             T                0     1      0.00      3.23            7.614E+00             5.745E+00
 2.000E-02 -  1.400E-01      18    19     58.06     61.29            6.739E+00            -4.069E+00
 1.400E-01 -  2.600E-01       7    26     22.58     83.87            7.111E+00            -6.127E+00
 2.600E-01 -  3.800E-01       2    28      6.45     90.32            5.318E+00            -4.942E+00
 3.800E-01 -  5.000E-01       1    29      3.23     93.55            2.818E+00            -2.463E+00
 5.000E-01 -  6.200E-01       0    29      0.00     93.55            1.058E+00            -1.058E+00
 6.200E-01 -  7.400E-01       0    29      0.00     93.55            2.813E-01            -2.813E-01
 7.400E-01 -  8.600E-01       2    31      6.45    100.00            6.073E-02             3.287E+01
             G                0    31      0.00    100.00
             H                0    31
             B               26    57

TOTALS LESS H AND B          31                                      3.100E+01             1.968E+01


HISTOGRAM FOR VARIABLE          RA-D  (RADIUM 226, RADON METHOD)  (pC/ℓ)

     8.000E-02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.000E-01 XXXXXXXXXXXXXXXXXXXXX
     3.200E-01 XXXXXX
     4.400E-01 XXX
     5.600E-01
     6.800E-01
     8.000E-01 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.00000E-02
MAXIMUM =  8.50000E-01
MEAN    =  1.63667E-01
STD DEV =  2.03020E-01
VARIANCE=  4.12171E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-RA-D (RADIUM 226, RADON METHOD) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	1	1	3.23	3.23		
		T	0	1	0.00	3.23	2.473E+00	8.776E-01
-1.699E+00	-	-1.469E+00	7	8	22.58	25.81	3.122E+00	-8.796E-01
-1.469E+00	-	-1.239E+00	2	10	6.45	32.26	4.854E+00	-4.442E+00
-1.239E+00	-	-1.009E+00	5	15	16.13	48.39	5.947E+00	-5.107E+00
-1.009E+00	-	-7.790E-01	9	24	29.03	77.42	5.742E+00	-4.175E+00
-7.790E-01	-	-5.490E-01	4	28	12.90	90.32	4.369E+00	-3.454E+00
-5.490E-01	-	-3.190E-01	1	29	3.23	93.55	2.620E+00	-2.238E+00
-3.190E-01	-	-8.897E-02	1	30	3.23	96.77	1.238E+00	-4.300E-01
-8.897E-02	-	1.410E-01	1	31	3.23	100.00	6.338E-01	9.441E-01
		G	0	31	0.00	100.00		
		H	0	31				
		B	26	57				
TOTALS LESS H AND B			31				3.100E+01	-1.890E+01

HISTOGRAM FOR VARIABLE L-RA-D (RADIUM 226, RADON METHOD) (pC/ℓ)

```
-1.584E+00 XXXXXXXXXXXXXXXXXXXXX
-1.354E+00 XXXXXX
-1.124E+00 XXXXXXXXXXXXXXX
-8.940E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXX
-6.640E-01 XXXXXXXXXXXXX
-4.340E-01 XXX
-2.040E-01 XXX
 2.603E-02 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.69897E+00
MAXIMUM = -7.05811E-02
MEAN    = -1.01091E+00
STD DEV =  4.38734E-01
VARIANCE=  1.92487E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        RA-TL  (RADIUM 226, RADON METHOD)  (pC/L)

        LIMITS              OBS   CUM    PERCENT   PERCENT          THEOR FREQ
   LOWER    -     UPPER     FREQ  FREQ    FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                 0     0     0.00      0.00
            L                 0     0     0.00      0.00
            T                 0     0     0.00      0.00
 2.000E-02 -  2.900E-01      21    21    75.00     75.00              6.424E+00              -3.154E+00
 2.900E-01 -  5.600E-01       2    23     7.14     82.14              6.402E+00              -6.090E+00
 5.600E-01 -  8.300E-01       1    24     3.57     85.71              4.449E+00              -4.224E+00
 8.300E-01 -  1.100E+00       3    27    10.71     96.43              2.155E+00              -7.635E-01
 1.100E+00 -  1.370E+00       0    27     0.00     96.43              7.277E-01              -7.277E-01
 1.370E+00 -  1.640E+00       0    27     0.00     96.43              1.712E-01              -1.712E-01
 1.640E+00 -  1.910E+00       1    28     3.57    100.00              3.150E-02               3.172E+01
            G                 0    28     0.00    100.00
            H                 0    28
            B                29    57

TOTALS LESS H AND B          28                                       2.036E+01               1.659E+01


HISTOGRAM FOR VARIABLE        RA-TL  (RADIUM 226, RADON METHOD)  (pC/L)

     1.550E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     4.250E-01 XXXXXXX
     6.950E-01 XXXX
     9.650E-01 XXXXXXXXXXX
     1.235E+00
     1.505E+00
     1.775E+00 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.00000E-02
MAXIMUM =  1.90000E+00
MEAN    =  2.87500E-01
STD DEV =  4.42699E-01
VARIANCE=  1.95982E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-RA-TL (RADIUM 226, RADON METHOD) (pC/ℓ)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	0	0	0.00	0.00		
		T	0	0	0.00	0.00		
-1.699E+00	-	-1.419E+00	4	4	14.29	14.29	2.898E+00	-1.518E+00
-1.419E+00	-	-1.139E+00	7	11	25.00	39.29	4.512E+00	-2.961E+00
-1.139E+00	-	-8.590E-01	7	18	25.00	64.29	5.489E+00	-4.214E+00
-8.590E-01	-	-5.790E-01	3	21	10.71	75.00	5.218E+00	-4.643E+00
-5.790E-01	-	-2.990E-01	2	23	7.14	82.14	3.876E+00	-3.360E+00
-2.990E-01	-	-1.897E-02	1	24	3.57	85.71	2.249E+00	-1.805E+00
-1.897E-02	-	2.610E-01	3	27	10.71	96.43	1.020E+00	1.921E+00
2.610E-01	-	5.410E-01	1	28	3.57	100.00	4.870E-01	1.566E+00
		G	0	28	0.00	100.00		
		H	0	28				
		B	29	57				
TOTALS LESS H AND B			28				2.575E+01	-1.501E+01

HISTOGRAM FOR VARIABLE L-RA-TL (RADIUM 226, RADON METHOD) (pC/ℓ)

```
-1.559E+00 XXXXXXXXXXXXX
-1.279E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
-9.990E-01 XXXXXXXXXXXXXXXXXXXXXXXXX
-7.190E-01 XXXXXXXXXXX
-4.390E-01 XXXXXXX
-1.590E-01 XXXX
 1.210E-01 XXXXXXXXXXX
 4.010E-01 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = -1.69897E+00
MAXIMUM = 2.78754E-01
MEAN = -9.16484E-01
STD DEV = 5.57847E-01
VARIANCE= 3.11193E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE         RES-D  (RESIDUE, TOTAL NONFILTRABLE)  (PPB AT 105 DEG. C)

       LIMITS             OBS    CUM     PERCENT  PERCENT          THEOR FREQ
   LOWER   -     UPPER    FREQ   FREQ     FREQ CUM FREQ          (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N              0      0       0.00      0.00
            L              0      0       0.00      0.00
            T              0      0       0.00      0.00
 1.300E+02 -  2.180E+02    2      2      50.00     50.00             7.235E-01               2.041E+00
 2.180E+02 -  3.060E+02    0      2       0.00     50.00             8.837E-01              -8.837E-01
 3.060E+02 -  3.940E+02    1      3      25.00     75.00             7.926E-01               4.690E-01
 3.940E+02 -  4.820E+02    1      4      25.00    100.00             8.930E-01               2.269E-01
            G              0      4       0.00    100.00
            H              0      4
            B             53     57

TOTALS LESS H AND B        4                                         3.293E+00               1.853E+00


HISTOGRAM FOR VARIABLE         RES-D  (RESIDUE, TOTAL NONFILTRABLE)  (PPB AT 105 DEG. C)

     1.740E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.620E+02
     3.500E+02 XXXXXXXXXXXXXXXXXXXXXXXX
     4.380E+02 XXXXXXXXXXXXXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.30000E+02
MAXIMUM =  4.80000E+02
MEAN    =  2.75000E+02
STD DEV =  1.56312E+02
VARIANCE=  2.44333E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-RES-D (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.114E+00	-	2.254E+00	1	1	25.00	25.00	6.416E-01	9.169E-01
2.254E+00	-	2.394E+00	1	2	25.00	50.00	8.526E-01	3.204E-01
2.394E+00	-	2.534E+00	1	3	25.00	75.00	8.371E-01	3.576E-01
2.534E+00	-	2.674E+00	0	3	0.00	75.00	6.073E-01	-6.073E-01
2.674E+00	-	2.814E+00	1	4	25.00	100.00	5.017E-01	1.491E+00
	G		0	4	0.00	100.00		
	H		0	4				
	B		53	57				
TOTALS LESS H AND B			4				3.440E+00	2.479E+00

HISTOGRAM FOR VARIABLE L-RES-D (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

```
2.184E+00 XXXXXXXXXXXXXXXXXXXXXXXX
2.324E+00 XXXXXXXXXXXXXXXXXXXXXXXX
2.464E+00 XXXXXXXXXXXXXXXXXXXXXXXX
2.604E+00
2.744E+00 XXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.11394E+00
MAXIMUM = 2.68124E+00
MEAN = 2.38545E+00
STD DEV = 2.51245E-01
VARIANCE= 6.31239E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE RES-TL (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
7.100E+01	-	1.510E+02	2	2	33.33	33.33	9.788E-01	1.064E+00
1.510E+02	-	2.310E+02	2	4	33.33	66.67	1.270E+00	3.054E-01
2.310E+02	-	3.110E+02	1	5	16.67	83.33	1.228E+00	-4.131E-01
3.110E+02	-	3.910E+02	0	5	0.00	83.33	8.847E-01	-8.847E-01
3.910E+02	-	4.710E+02	1	6	16.67	100.00	7.371E-01	6.195E-01
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.098E+00	6.916E-01

HISTOGRAM FOR VARIABLE RES-TL (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

```
1.110E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.910E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.710E+02 XXXXXXXXXXXXXXXXX
3.510E+02
4.310E+02 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.10000E+01
MAXIMUM = 4.70000E+02
MEAN = 2.21833E+02
STD DEV = 1.45726E+02
VARIANCE= 2.12362E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-RES-TL (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.851E+00	-	2.011E+00	1	1	16.67	16.67	6.788E-01	7.943E-01
2.011E+00	-	2.171E+00	1	2	16.67	33.33	1.087E+00	-1.672E-01
2.171E+00	-	2.331E+00	2	4	33.33	66.67	1.297E+00	2.453E-01
2.331E+00	-	2.491E+00	0	4	0.00	66.67	1.153E+00	-1.153E+00
2.491E+00	-	2.651E+00	1	5	16.67	83.33	7.632E-01	5.470E-01
2.651E+00	-	2.811E+00	1	6	16.67	100.00	5.616E-01	1.219E+00
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.540E+00	1.486E+00

HISTOGRAM FOR VARIABLE L-RES-TL (RESIDUE, TOTAL NONFILTRABLE) (PPB AT 105 DEG. C)

```
1.931E+00 XXXXXXXXXXXXXXXX
2.091E+00 XXXXXXXXXXXXXXXX
2.251E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.411E+00
2.571E+00 XXXXXXXXXXXXXXXX
2.731E+00 XXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.85126E+00
MAXIMUM =  2.67210E+00
MEAN    =  2.26718E+00
STD DEV =  2.91216E-01
VARIANCE=  8.48067E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE SIO2-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
3.180E+01	-	3.198E+01	1	1	16.67	16.67	3.899E-01	2.175E+00
3.198E+01	-	3.216E+01	0	1	0.00	16.67	7.919E-01	-7.919E-01
3.216E+01	-	3.234E+01	1	2	16.67	33.33	1.187E+00	-3.446E-01
3.234E+01	-	3.252E+01	2	4	33.33	66.67	1.313E+00	2.093E-01
3.252E+01	-	3.270E+01	2	6	33.33	100.00	1.073E+00	7.915E-01
3.270E+01	-	3.288E+01	0	6	0.00	100.00	1.057E+00	-1.057E+00
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.812E+00	9.826E-01

HISTOGRAM FOR VARIABLE SIO2-D (PPM)

```
3.189E+01 XXXXXXXXXXXXXXXXX
3.207E+01
3.225E+01 XXXXXXXXXXXXXXXXX
3.243E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.261E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.279E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.18000E+01
MAXIMUM = 3.27000E+01
MEAN = 3.24000E+01
STD DEV = 3.22468E-01
VARIANCE= 1.03986E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-SIO2-D (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.502E+00	-	1.505E+00	1	1	16.67	16.67	3.819E-01	2.237E+00
1.505E+00	-	1.507E+00	0	1	0.00	16.67	7.740E-01	-7.740E-01
1.507E+00	-	1.510E+00	1	2	16.67	33.33	1.165E+00	-3.066E-01
1.510E+00	-	1.512E+00	2	4	33.33	66.67	1.302E+00	2.333E-01
1.512E+00	-	1.514E+00	1	5	16.67	83.33	1.081E+00	-1.568E-01
1.514E+00	-	1.517E+00	1	6	16.67	100.00	1.108E+00	-2.060E-01
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.813E+00	1.026E+00

HISTOGRAM FOR VARIABLE L-SIO2-D (PPM)

```
1.504E+00 XXXXXXXXXXXXXXXXX
1.506E+00
1.508E+00 XXXXXXXXXXXXXXXXX
1.511E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.513E+00 XXXXXXXXXXXXXXXXX
1.516E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.50243E+00
MAXIMUM =  1.51455E+00
MEAN    =  1.51053E+00
STD DEV =  4.34543E-03
VARIANCE=  1.88828E-05
```

```
                                              FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE       SIO2-TL  (PPM)

       LIMITS               OBS   CUM     PERCENT  PERCENT             THEOR FREQ
  LOWER    -     UPPER      FREQ  FREQ     FREQ CUM FREQ             (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

               N             0     0      0.00       0.00
               L             0     0      0.00       0.00
               T             0     0      0.00       0.00
 1.050E+01 -  4.250E+01     16    16     94.12      94.12               4.716E+00             -1.323E+00
 4.250E+01 -  7.450E+01      0    16      0.00      94.12               4.051E+00             -4.051E+00
 7.450E+01 -  1.065E+02      0    16      0.00      94.12               2.127E+00             -2.127E+00
 1.065E+02 -  1.385E+02      0    16      0.00      94.12               6.822E-01             -6.822E-01
 1.385E+02 -  1.705E+02      0    16      0.00      94.12               1.335E-01             -1.335E-01
 1.705E+02 -  2.025E+02      1    17      5.88     100.00               1.712E-02              5.838E+01
               G             0    17      0.00     100.00
               H             0    17
               B            40    57

TOTALS LESS H AND B         17                                         1.173E+01              5.006E+01



HISTOGRAM FOR VARIABLE       SIO2-TL  (PPM)

    2.650E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    5.850E+01
    9.050E+01
    1.225E+02
    1.545E+02
    1.865E+02 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.05000E+01
MAXIMUM =  2.02000E+02
MEAN    =  3.26176E+01
STD DEV =  4.46498E+01
VARIANCE=  1.99361E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LSIO2-TL (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.021E+00	-	1.231E+00	8	8	47.06	47.06	3.430E+00	-1.098E+00
1.231E+00	-	1.441E+00	2	10	11.76	58.82	4.559E+00	-4.120E+00
1.441E+00	-	1.651E+00	6	16	35.29	94.12	3.844E+00	-2.283E+00
1.651E+00	-	1.861E+00	0	16	0.00	94.12	2.057E+00	-2.057E+00
1.861E+00	-	2.071E+00	0	16	0.00	94.12	6.977E-01	-6.977E-01
2.071E+00	-	2.281E+00	0	16	0.00	94.12	1.500E-01	-1.500E-01
2.281E+00	-	2.491E+00	1	17	5.88	100.00	2.225E-02	4.492E+01
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.476E+01	3.451E+01

HISTOGRAM FOR VARIABLE LSIO2-TL (PPM)

```
1.126E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.336E+00 XXXXXXXXXXXX
1.546E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.756E+00
1.966E+00
2.176E+00
2.386E+00 XXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.02119E+00
MAXIMUM = 2.30535E+00
MEAN = 1.36247E+00
STD DEV = 3.05284E-01
VARIANCE= 9.31982E-02

```
                                    FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE       SIO2-S (PPM)

      LIMITS              OBS   CUM     PERCENT  PERCENT        THEOR FREQ
   LOWER    -    UPPER    FREQ  FREQ    FREQ CUM FREQ        (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N              0     0       0.00      0.00
             L              0     0       0.00      0.00
             T              0     0       0.00      0.00
 4,200E+00 - 5,104E+03     13    13      76,47     76,47           3,299E+00               6,411E-01
 5,104E+03 - 1,020E+04      1    14       5,88     82,35           3,255E+00              -2,948E+00
 1,020E+04 - 1,530E+04      1    15       5,88     88,24           2,505E+00              -2,106E+00
 1,530E+04 - 2,040E+04      0    15       0,00     88,24           1,503E+00              -1,503E+00
 2,040E+04 - 2,550E+04      0    15       0,00     88,24           7,034E-01              -7,034E-01
 2,550E+04 - 3,060E+04      2    17      11,76    100,00           3,490E-01               5,381E+00
             G              0    17       0,00    100,00
             H              0    17
             B             40    57

TOTALS LESS H AND B        17                                      1,161E+01              -1,238E+00


HISTOGRAM FOR VARIABLE       SIO2-S (PPM)

    2,554E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    7,654E+03 XXXXXX
    1,275E+04 XXXXXX
    1,785E+04
    2,295E+04
    2,805E+04 XXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  4,20000E+00
MAXIMUM =  3,05640E+04
MEAN    =  4,82912E+03
STD DEV =  1,01205E+04
VARIANCE=  1,02425E+08
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-SIO2-S (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
6.232E-01	-	1.263E+00	7	7	41.18	41.18	2.209E+00	9.604E-01
1.263E+00	-	1.903E+00	2	9	11.76	52.94	2.837E+00	-2.132E+00
1.903E+00	-	2.543E+00	2	11	11.76	64.71	2.994E+00	-2.325E+00
2.543E+00	-	3.183E+00	2	13	11.76	76.47	2.594E+00	-1.823E+00
3.183E+00	-	3.823E+00	1	14	5.88	82.35	1.846E+00	-1.305E+00
3.823E+00	-	4.463E+00	1	15	5.88	88.24	1.079E+00	-1.529E-01
4.463E+00	-	5.103E+00	2	17	11.76	100.00	8.109E-01	1.655E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.437E+01	-5.123E+00

HISTOGRAM FOR VARIABLE L-SIO2-S (PPM)

```
9.432E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.583E+00 XXXXXXXXXXXX
2.223E+00 XXXXXXXXXXXX
2.863E+00 XXXXXXXXXXXX
3.503E+00 XXXXXX
4.143E+00 XXXXXX
4.783E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.23249E-01
MAXIMUM = 4.48521E+00
MEAN = 2.07756E+00
STD DEV = 1.43065E+00
VARIANCE= 2.04677E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE SIO2-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
3.840E+01	-	3.863E+01	1	1	50.00	50.00	3.289E-01	2.711E+00
3.863E+01	-	3.886E+01	0	1	0.00	50.00	3.674E-01	-3.674E-01
3.886E+01	-	3.909E+01	0	1	0.00	50.00	3.320E-01	-3.320E-01
3.909E+01	-	3.932E+01	1	2	50.00	100.00	4.922E-01	1.540E+00
	G		0	2	0.00	100.00		
	H		0	2				
	B		55	57				
TOTALS LESS H AND B			2				1.520E+00	3.552E+00

HISTOGRAM FOR VARIABLE SIO2-TR (PPM)

```
3.851E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.874E+01
3.897E+01
3.920E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.84000E+01
MAXIMUM = 3.91000E+01
MEAN = 3.87500E+01
STD DEV = 4.95001E-01
VARIANCE= 2.45026E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE LSIO2-TR (PPM)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
1.584E+00	-	1.587E+00	1	1	50.00	50.00	3.321E-01	2.679E+00
1.587E+00	-	1.590E+00	0	1	0.00	50.00	3.707E-01	-3.707E-01
1.590E+00	-	1.592E+00	0	1	0.00	50.00	3.334E-01	-3.334E-01
1.592E+00	-	1.595E+00	1	2	50.00	100.00	4.845E-01	1.580E+00
	G		0	2	0.00	100.00		
	H		0	2				
	B		55	57				
TOTALS LESS H AND B			2				1.521E+00	3.554E+00

HISTOGRAM FOR VARIABLE LSIO2-TR (PPM)

```
1.586E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.588E+00
1.591E+00
1.593E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.58433E+00
MAXIMUM = 1.59218E+00
MEAN = 1.58825E+00
STD DEV = 5.54581E-03
VARIANCE= 3.07560E-05

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE SR=D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.200E+02	-	3.200E+02	1	1	33.33	33.33	4.394E-01	1.836E+00
3.200E+02	-	4.200E+02	1	2	33.33	66.67	5.592E-01	1.229E+00
4.200E+02	-	5.200E+02	0	2	0.00	66.67	5.635E-01	-5.635E-01
5.200E+02	-	6.200E+02	0	2	0.00	66.67	4.498E-01	-4.498E-01
6.200E+02	-	7.200E+02	1	3	33.33	100.00	5.061E-01	1.470E+00
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				2.518E+00	3.522E+00

HISTOGRAM FOR VARIABLE SR=D (PPB)

```
2.700E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.700E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.700E+02
5.700E+02
6.700E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.20000E+02
MAXIMUM = 6.30000E+02
MEAN = 4.23333E+02
STD DEV = 2.05020E+02
VARIANCE= 4.20333E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-SR-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.342E+00	-	2.452E+00	1	1	33.33	33.33	4.041E-01	2.070E+00
2.452E+00	-	2.562E+00	0	1	0.00	33.33	5.327E-01	-5.327E-01
2.562E+00	-	2.672E+00	1	2	33.33	66.67	5.615E-01	1.219E+00
2.672E+00	-	2.782E+00	0	2	0.00	66.67	4.733E-01	-4.733E-01
2.782E+00	-	2.892E+00	1	3	33.33	100.00	5.995E-01	1.068E+00
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				2.571E+00	3.352E+00

HISTOGRAM FOR VARIABLE L-SR-D (PPB)

```
     2.397E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.507E+00
     2.617E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     2.727E+00
     2.837E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.34242E+00
MAXIMUM = 2.79934E+00
MEAN = 2.58834E+00
STD DEV = 2.30451E-01
VARIANCE= 5.31076E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE SR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.200E+02	-	3.030E+02	1	1	33.33	33.33	4.495E-01	1.775E+00
3.030E+02	-	3.860E+02	0	1	0.00	33.33	5.769E-01	-5.769E-01
3.860E+02	-	4.690E+02	1	2	33.33	66.67	5.781E-01	1.152E+00
4.690E+02	-	5.520E+02	1	3	33.33	100.00	9.268E-01	1.523E-01
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				2.531E+00	2.503E+00

HISTOGRAM FOR VARIABLE SR-TR (PPB)

```
     2.615E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     3.445E+02
     4.275E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.105E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.20000E+02
MAXIMUM = 5.50000E+02
MEAN = 3.86667E+02
STD DEV = 1.65025E+02
VARIANCE= 2.72333E+04

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-SR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
2.342E+00	-	2.441E+00	1	1	33.33	33.33	4.177E-01	1.976E+00
2.441E+00	-	2.540E+00	0	1	0.00	33.33	5.526E-01	-5.526E-01
2.540E+00	-	2.639E+00	1	2	33.33	66.67	5.763E-01	1.159E+00
2.639E+00	-	2.738E+00	0	2	0.00	66.67	4.739E-01	-4.739E-01
2.738E+00	-	2.837E+00	1	3	33.33	100.00	5.540E-01	1.251E+00
	G		0	3	0.00	100.00		
	H		0	3				
	B		54	57				
TOTALS LESS H AND B			3				2.575E+00	3.360E+00

HISTOGRAM FOR VARIABLE L-SR-TR (PPB)

```
2.392E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.491E+00
2.590E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.689E+00
2.788E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 2.34242E+00
MAXIMUM = 2.74036E+00
MEAN = 2.55795E+00
STD DEV = 2.01026E-01
VARIANCE= 4.04116E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TH-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		25	25	80.65	80.65		
	T		0	25	0.00	80.65	4.286E-02	1.453E+04
3.000E+00	-	5.200E+00	1	26	3.23	83.87	1.260E-01	7.812E+00
5.200E+00	-	7.400E+00	1	27	3.23	87.10	3.856E-01	2.207E+00
7.400E+00	-	9.600E+00	2	29	6.45	93.55	9.700E-01	1.092E+00
9.600E+00	-	1.180E+01	1	30	3.23	96.77	2.005E+00	-1.506E+00
1.180E+01	-	1.400E+01	1	31	3.23	100.00	3.406E+00	-3.113E+00
1.400E+01	-	1.620E+01	0	31	0.00	100.00	2.406E+01	-2.406E+01
	G		0	31	0.00	100.00		
	H		0	31				
	B		26	57				
TOTALS LESS H AND B			31				3.100E+01	1.452E+04

HISTOGRAM FOR VARIABLE TH-D (PPB)

```
4.100E+00 XXX
6.300E+00 XXX
8.500E+00 XXXXXX
1.070E+01 XXX
1.290E+01 XXX
1.510E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  3.00000E+00
MAXIMUM =  1.40000E+01
MEAN    =  8.33333E+00
STD DEV =  3.72380E+00
VARIANCE=  1.38667E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TH-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		25	25	80.65	80.65		
	T		0	25	0.00	80.65	2.142E-03	2.918E+05
4.771E-01	-	6.071E-01	1	26	3.23	83.87	2.374E-02	4.210E+01
6.071E-01	-	7.371E-01	0	26	0.00	83.87	1.804E-01	-1.804E-01
7.371E-01	-	8.671E-01	1	27	3.23	87.10	8.895E-01	2.347E-01
8.671E-01	-	9.971E-01	2	29	6.45	93.55	2.849E+00	-2.148E+00
9.971E-01	-	1.127E+00	1	30	3.23	96.77	5.934E+00	-5.765E+00
1.127E+00	-	1.257E+00	1	31	3.23	100.00	2.112E+01	-2.107E+01
	G		0	31	0.00	100.00		
	H		0	31				
	B		26	57				
TOTALS LESS H AND B			31				3.100E+01	2.918E+05

HISTOGRAM FOR VARIABLE L-TH-D (PPB)

```
5.421E-01 XXX
6.721E-01
8.021E-01 XXX
9.321E-01 XXXXXX
1.062E+00 XXX
1.192E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 4.77121E-01
MAXIMUM = 1.14613E+00
MEAN    = 8.76456E-01
STD DEV = 2.29729E-01
VARIANCE= 5.27756E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TH-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		21	21	65.63	65.63		
	T		0	21	0.00	65.63	1.193E+01	6.896E+00
6.000E-02	-	1.301E+02	10	31	31.25	96.88	1.323E+01	-1.248E+01
1.301E+02	-	2.601E+02	0	31	0.00	96.88	5.943E+00	-5.943E+00
2.601E+02	-	3.901E+02	0	31	0.00	96.88	8.546E-01	-8.546E-01
3.901E+02	-	5.201E+02	0	31	0.00	96.88	3.853E-02	-3.853E-02
5.201E+02	-	6.501E+02	0	31	0.00	96.88	0.000E-01	0.000E-01
6.501E+02	-	7.801E+02	1	32	3.13	100.00	5.350E-04	1.869E+03
	G		0	32	0.00	100.00		
	H		0	32				
	B		25	57				
TOTALS LESS H AND B			32				3.200E+01	1.857E+03

HISTOGRAM FOR VARIABLE TH-TL (PPB)

```
6.506E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.951E+02
3.251E+02
4.551E+02
5.851E+02
7.151E+02 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 6.00000E-02
MAXIMUM = 6.74000E+02
MEAN    = 7.17327E+01
STD DEV = 1.99891E+02
VARIANCE= 3.99566E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TH-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	21	21	65.63	65.63		
		T	0	21	0.00	65.63	0.000E-01	0.000E-01
-1.222E+00	-	-4.118E-01	1	22	3.13	68.75	5.705E-02	1.747E+01
-4.118E-01	-	3.982E-01	0	22	0.00	68.75	2.306E+00	-2.306E+00
3.982E-01	-	1.208E+00	7	29	21.88	90.63	1.388E+01	-1.337E+01
1.208E+00	-	2.018E+00	2	31	6.25	96.88	1.356E+01	-1.341E+01
2.018E+00	-	2.828E+00	0	31	0.00	96.88	2.148E+00	-2.148E+00
2.828E+00	-	3.638E+00	1	32	3.13	100.00	5.051E-02	1.975E+01
		G	0	32	0.00	100.00		
		H	0	32				
		B	25	57				
TOTALS LESS H AND B			32				3.200E+01	5.979E+00

HISTOGRAM FOR VARIABLE L-TH-TL (PPB)

```
-8.168E-01 XXX
-6.849E-03
 8.032E-01 XXXXXXXXXXXXXXXXXXXXX
 1.613E+00 XXXXXX
 2.423E+00
 3.233E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.22185E+00
MAXIMUM =  2.82866E+00
MEAN    =  1.00049E+00
STD DEV =  9.38312E-01
VARIANCE=  8.80429E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TH-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	12.50	12.50		
	T		0	1	0.00	12.50	2.551E+00	9.431E-01
5.000E+00	-	4.805E+03	5	6	62.50	75.00	1.771E+00	1.052E+00
4.805E+03	-	9.605E+03	1	7	12.50	87.50	1.674E+00	-1.077E+00
9.605E+03	-	1.441E+04	0	7	0.00	87.50	1.151E+00	-1.151E+00
1.441E+04	-	1.921E+04	0	7	0.00	87.50	5.757E-01	-5.757E-01
1.921E+04	-	2.401E+04	0	7	0.00	87.50	2.094E-01	-2.094E-01
2.401E+04	-	2.881E+04	1	8	12.50	100.00	6.764E-02	1.472E+01
	G		0	8	0.00	100.00		
	H		0	8				
	B		49	57				
TOTALS LESS H AND B			8				8.000E+00	1.370E+01

HISTOGRAM FOR VARIABLE TH-S (PPB)

```
2.405E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
7.205E+03 XXXXXXXXXXXXX
1.201E+04
1.681E+04
2.161E+04
2.641E+04 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.00000E+00
MAXIMUM = 2.40620E+04
MEAN = 4.52157E+03
STD DEV = 8.89969E+03
VARIANCE= 7.92080E+07

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TH-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		1	1	12.50	12.50		
	T		0	1	0.00	12.50	1.203E+00	3.416E-02
6.990E-01	-	1.439E+00	1	2	12.50	25.00	1.163E+00	-3.032E-01
1.439E+00	-	2.179E+00	2	4	25.00	50.00	1.511E+00	-1.880E-01
2.179E+00	-	2.919E+00	1	5	12.50	62.50	1.540E+00	-8.907E-01
2.919E+00	-	3.659E+00	1	6	12.50	75.00	1.231E+00	-4.179E-01
3.659E+00	-	4.399E+00	2	8	25.00	100.00	1.352E+00	1.265E-01
	G		0	8	0.00	100.00		
	H		0	8				
	B		49	57				
TOTALS LESS H AND B			8				8.000E+00	-1.639E+00

HISTOGRAM FOR VARIABLE L-TH-S (PPB)

```
1.069E+00 XXXXXXXXXXXXX
1.809E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
2.549E+00 XXXXXXXXXXXXX
3.289E+00 XXXXXXXXXXXXX
4.029E+00 XXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.98970E-01
MAXIMUM = 4.30133E+00
MEAN = 2.55565E+00
STD DEV = 1.27324E+00
VARIANCE= 1.62115E+00

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        TH-TR  (PPB)

      LIMITS              OBS   CUM     PERCENT  PERCENT            THEOR FREQ
  LOWER   -     UPPER     FREQ  FREQ    FREQ CUM FREQ              (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N              0     0       0.00      0.00
            L              0     0       0.00      0.00
            T              0     0       0.00      0.00
 8.000E+00 -  4.808E+03    6     6      75.00     75.00               1.761E+00             1.648E+00
 4.808E+03 -  9.608E+03    1     7      12.50     87.50               1.675E+00            -1.078E+00
 9.608E+03 -  1.441E+04    0     7       0.00     87.50               1.162E+00            -1.162E+00
 1.441E+04 -  1.921E+04    0     7       0.00     87.50               5.881E-01            -5.881E-01
 1.921E+04 -  2.401E+04    0     7       0.00     87.50               2.169E-01            -2.169E-01
 2.401E+04 -  2.881E+04    1     8      12.50    100.00               7.156E-02             1.390E+01
            G              0     8       0.00    100.00
            H              0     8
            B             49    57

TOTALS LESS H AND B        8                                          5.474E+00             1.250E+01


HISTOGRAM FOR VARIABLE        TH-TR  (PPB)

    2.408E+03 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    7.208E+03 XXXXXXXXXXXXX
    1.201E+04
    1.681E+04
    2.161E+04
    2.641E+04 XXXXXXXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  8.00000E+00
MAXIMUM =  2.40900E+04
MEAN    =  4.05138E+03
STD DEV =  8.42806E+03
VARIANCE=  7.10322E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TH-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
9.031E-01	-	1.603E+00	2	2	25.00	25.00	1.162E+00	5.591E-01
1.603E+00	-	2.303E+00	2	4	25.00	50.00	1.631E+00	-4.041E-01
2.303E+00	-	3.003E+00	1	5	12.50	62.50	1.703E+00	-1.116E+00
3.003E+00	-	3.703E+00	1	6	12.50	75.00	1.324E+00	-5.684E-01
3.703E+00	-	4.403E+00	2	8	25.00	100.00	1.231E+00	3.932E-01
	G		0	8	0.00	100.00		
	H		0	8				
	B		49	57				
TOTALS LESS H AND B			8				7.051E+00	-1.136E+00

HISTOGRAM FOR VARIABLE L-TH-TR (PPB)

```
1.253E+00 XXXXXXXXXXXXXXXXXXXXXXXX
1.953E+00 XXXXXXXXXXXXXXXXXXXXXXXX
2.653E+00 XXXXXXXXXXXXX
3.353E+00 XXXXXXXXXXXXX
4.053E+00 XXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 9.03090E-01
MAXIMUM = 4.38194E+00
MEAN = 2.40604E+00
STD DEV = 1.27183E+00
VARIANCE= 1.61755E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TI-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		40	40	81.63	81.63		
	T		0	40	0.00	81.63	2.083E+01	1.765E+01
3.000E+01	-	1.240E+02	6	46	12.24	93.88	2.006E+01	-1.976E+01
1.240E+02	-	2.180E+02	1	47	2.04	95.92	7.304E+00	-7.167E+00
2.180E+02	-	3.120E+02	1	48	2.04	97.96	7.823E-01	4.959E-01
3.120E+02	-	4.060E+02	0	48	0.00	97.96	0.000E-01	0.000E-01
4.060E+02	-	5.000E+02	1	49	2.04	100.00	0.000E-01	0.000E-01
5.000E+02	-	5.940E+02	0	49	0.00	100.00	2.419E-02	-2.419E-02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-8.807E+00

HISTOGRAM FOR VARIABLE TI-D (PPB)

```
7.700E+01 XXXXXXXXXXX
1.710E+02 XX
2.650E+02 XX
3.590E+02
4.530E+02 XX
5.470E+02
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 3.00000E+01
MAXIMUM = 5.00000E+02
MEAN    = 1.57778E+02
STD DEV = 1.47968E+02
VARIANCE= 2.18944E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TI-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		40	40	81.63	81.63		
	T		0	40	0.00	81.63	2.680E+01	6.502E+00
1.477E+00	-	1.717E+00	2	42	4.08	85.71	1.240E+01	-1.224E+01
1.717E+00	-	1.957E+00	1	43	2.04	87.76	6.921E+00	-6.777E+00
1.957E+00	-	2.197E+00	3	46	6.12	93.88	2.338E+00	-1.054E+00
2.197E+00	-	2.437E+00	2	48	4.08	97.96	4.773E-01	3.713E+00
2.437E+00	-	2.677E+00	0	48	0.00	97.96	5.882E-02	-5.882E-02
2.677E+00	-	2.917E+00	1	49	2.04	100.00	4.569E-03	2.189E+02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	2.090E+02

HISTOGRAM FOR VARIABLE L-TI-D (PPB)

```
1.597E+00 XXXX
1.837E+00 XX
2.077E+00 XXXXXX
2.317E+00 XXXX
2.557E+00
2.797E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.47712E+00
MAXIMUM = 2.69897E+00
MEAN    = 2.04689E+00
STD DEV = 3.85806E-01
VARIANCE= 1.48846E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		34	34	89.47	89.47		
	T		0	34	0.00	89.47	3.768E+01	3.595E-01
5.000E+01	-	5.250E+01	2	36	5.26	94.74	1.515E-01	1.305E+01
5.250E+01	-	5.500E+01	0	36	0.00	94.74	8.380E-02	-8.380E-02
5.500E+01	-	5.750E+01	0	36	0.00	94.74	4.405E-02	-4.405E-02
5.750E+01	-	6.000E+01	2	38	5.26	100.00	2.199E-02	9.092E+01
6.000E+01	-	6.250E+01	0	38	0.00	100.00	1.845E-02	-1.845E-02
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	1.042E+02

HISTOGRAM FOR VARIABLE TI-TL (PPB)

```
5.125E+01 XXXXX
5.375E+01
5.625E+01
5.875E+01 XXXXX
6.125E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 5.00000E+01
MAXIMUM = 6.00000E+01
MEAN    = 5.50000E+01
STD DEV = 5.77350E+00
VARIANCE= 3.33333E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TI-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		34	34	89.47	89.47		
	T		0	34	0.00	89.47	3.781E+01	3.837E-01
1.699E+00	-	1.719E+00	2	36	5.26	94.74	6.706E-02	2.976E+01
1.719E+00	-	1.739E+00	0	36	0.00	94.74	4.507E-02	-4.507E-02
1.739E+00	-	1.759E+00	0	36	0.00	94.74	2.965E-02	-2.965E-02
1.759E+00	-	1.779E+00	2	38	5.26	100.00	4.914E-02	4.065E+01
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	7.072E+01

HISTOGRAM FOR VARIABLE L-TI-TL (PPB)

```
1.709E+00 XXXXX
1.729E+00
1.749E+00
1.769E+00 XXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.69897E+00
MAXIMUM = 1.77815E+00
MEAN    = 1.73856E+00
STD DEV = 4.57145E-02
VARIANCE= 2.08982E-03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TI-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	47.06	47.06		
	T		0	8	0.00	47.06	5.523E+00	1.110E+00
5.000E+02	-	3.950E+04	6	14	35.29	82.35	4.103E+00	-2.641E+00
3.950E+04	-	7.850E+04	1	15	5.88	88.24	3.711E+00	-3.442E+00
7.850E+04	-	1.175E+05	0	15	0.00	88.24	2.311E+00	-2.311E+00
1.175E+05	-	1.565E+05	0	15	0.00	88.24	9.905E-01	-9.905E-01
1.565E+05	-	1.955E+05	2	17	11.76	100.00	3.604E-01	5.190E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-3.084E+00

HISTOGRAM FOR VARIABLE TI-S (PPB)

```
2.000E+04 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
5.900E+04 XXXXXX
9.800E+04
1.370E+05
1.760E+05 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 5.00000E+02
MAXIMUM = 1.94000E+05
MEAN    = 5.43667E+04
STD DEV = 7.97139E+04
VARIANCE= 6.35430E+09
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TI-5 (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	47.06	47.06		
	T		0	8	0.00	47.06	4.426E+00	2.886E+00
2.699E+00	-	3.219E+00	3	11	17.65	64.71	3.309E+00	-2.402E+00
3.219E+00	-	3.739E+00	2	13	11.76	76.47	3.508E+00	-2.938E+00
3.739E+00	-	4.259E+00	0	13	0.00	76.47	2.829E+00	-2.829E+00
4.259E+00	-	4.779E+00	1	14	5.88	82.35	1.735E+00	-1.159E+00
4.779E+00	-	5.299E+00	3	17	17.65	100.00	1.193E+00	1.321E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-5.121E+00

HISTOGRAM FOR VARIABLE L-TI-5 (PPB)

```
     2.959E+00 XXXXXXXXXXXXXXXXX
     3.479E+00 XXXXXXXXXXX
     3.999E+00
     4.519E+00 XXXXXX
     5.039E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.69997E+00
MAXIMUM =  5.28780E+00
MEAN    =  3.89110E+00
STD DEV =  1.08579E+00
VARIANCE=  1.17894E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE TI-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		5	5	35.71	35.71		
	T		0	5	0.00	35.71	4.271E+00	1.246E-01
5.000E+02	-	3.950E+04	6	11	42.86	78.57	3.084E+00	-1.139E+00
3.950E+04	-	7.850E+04	1	12	7.14	85.71	2.977E+00	-2.641E+00
7.850E+04	-	1.175E+05	0	12	0.00	85.71	2.086E+00	-2.086E+00
1.175E+05	-	1.565E+05	0	12	0.00	85.71	1.062E+00	-1.062E+00
1.565E+05	-	1.955E+05	2	14	14.29	100.00	5.209E-01	3.319E+00
	G		0	14	0.00	100.00		
	H		0	14				
	B		43	57				
TOTALS LESS H AND B			14				1.400E+01	-3.484E+00

HISTOGRAM FOR VARIABLE TI-TR (PPB)

```
     2.000E+04 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.900E+04 XXXXXXX
     9.800E+04
     1.370E+05
     1.760E+05 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  5.00000E+02
MAXIMUM =  1.94000E+05
MEAN    =  5.44389E+04
STD DEV =  7.96611E+04
VARIANCE=  6.34589E+09
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-TI-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	CUM PERCENT FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		5	5	35.71	35.71		
	T		0	5	0.00	35.71	3.173E+00	1.052E+00
2.699E+00	-	3.219E+00	3	8	21.43	57.14	2.457E+00	-1.237E+00
3.219E+00	-	3.739E+00	2	10	14.29	71.43	2.776E+00	-2.055E+00
3.739E+00	-	4.259E+00	0	10	0.00	71.43	2.449E+00	-2.449E+00
4.259E+00	-	4.779E+00	1	11	7.14	78.57	1.688E+00	-1.096E+00
4.779E+00	-	5.299E+00	3	14	21.43	100.00	1.456E+00	6.037E-01
	G		0	14	0.00	100.00		
	H		0	14				
	B		43	57				
TOTALS LESS H AND B			14				1.400E+01	-5.181E+00

HISTOGRAM FOR VARIABLE L-TI-TR (PPB)

```
2.959E+00 XXXXXXXXXXXXXXXXXXXX
3.479E+00 XXXXXXXXXXXXX
3.999E+00
4.519E+00 XXXXXXX
5.039E+00 XXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 2.69897E+00
MAXIMUM = 5.28780E+00
MEAN    = 3.90306E+00
STD DEV = 1.07982E+00
VARIANCE= 1.16601E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE U-D (NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
3.600E+00	-	6.500E+00	2	2	40.00	40.00	8.217E-01	1.612E+00
6.500E+00	-	9.400E+00	1	3	20.00	60.00	1.067E+00	-1.301E-01
9.400E+00	-	1.230E+01	0	3	0.00	60.00	1.028E+00	-1.028E+00
1.230E+01	-	1.520E+01	2	5	40.00	100.00	1.335E+00	1.637E-01
	G		0	5	0.00	100.00		
	H		0	5				
	B		52	57				
TOTALS LESS H AND B			5				4.252E+00	6.177E-01

HISTOGRAM FOR VARIABLE U-D (NATURAL) (PPB)

```
     5.050E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     7.950E+00 XXXXXXXXXXXXXXXXXXX
     1.085E+01
     1.375E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 3.60000E+00
MAXIMUM = 1.50000E+01
MEAN = 9.04000E+00
STD DEV = 5.24051E+00
VARIANCE= 2.74630E+01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-D (NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	0	0	0.00	0.00		
		T	0	0	0.00	0.00		
5.563E-01	-	7.063E-01	2	2	40.00	40.00	6.981E-01	2.167E+00
7.063E-01	-	8.563E-01	0	2	0.00	40.00	9.911E-01	-9.911E-01
8.563E-01	-	1.006E+00	1	3	20.00	60.00	1.056E+00	-1.097E-01
1.006E+00	-	1.156E+00	1	4	20.00	80.00	8.452E-01	3.378E-01
1.156E+00	-	1.306E+00	1	5	20.00	100.00	8.382E-01	3.549E-01
		G	0	5	0.00	100.00		
		H	0	5				
		B	52	57				
TOTALS LESS H AND B			5				4.429E+00	1.758E+00

HISTOGRAM FOR VARIABLE L-U-D (NATURAL) (PPB)

```
6.313E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
7.813E-01
9.313E-01 XXXXXXXXXXXXXXXXXXX
1.081E+00 XXXXXXXXXXXXXXXXXXX
1.231E+00 XXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 5.56302E-01
MAXIMUM = 1.17609E+00
MEAN = 8.89649E-01
STD DEV = 2.76741E-01
VARIANCE= 7.65857E-02

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE U-TL (NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
4.000E-01	-	3.300E+00	2	2	33.33	33.33	7.830E-01	1.771E+00
3.300E+00	-	6.200E+00	1	3	16.67	50.00	1.021E+00	-4.116E-02
6.200E+00	-	9.100E+00	1	4	16.67	66.67	1.083E+00	-1.588E-01
9.100E+00	-	1.200E+01	0	4	0.00	66.67	9.339E-01	-9.339E-01
1.200E+01	-	1.490E+01	1	5	16.67	83.33	6.553E-01	8.708E-01
1.490E+01	-	1.780E+01	1	6	16.67	100.00	6.396E-01	9.240E-01
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.115E+00	2.432E+00

HISTOGRAM FOR VARIABLE U-TL (NATURAL) (PPB)

```
1.850E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.750E+00 XXXXXXXXXXXXXXXX
7.650E+00 XXXXXXXXXXXXXXXX
1.055E+01
1.345E+01 XXXXXXXXXXXXXXXX
1.635E+01 XXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  4.00000E-01
MAXIMUM =  1.50000E+01
MEAN    =  7.02500E+00
STD DEV =  6.32612E+00
VARIANCE=  4.00197E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-TL (NATURAL) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-3.979E-01	-	-8.794E-02	2	2	33.33	33.33	5.682E-01	2.952E+00
-8.794E-02	-	2.221E-01	0	2	0.00	33.33	8.444E-01	-8.444E-01
2.221E-01	-	5.321E-01	0	2	0.00	33.33	1.032E+00	-1.032E+00
5.321E-01	-	8.421E-01	2	4	33.33	66.67	1.036E+00	8.943E-01
8.421E-01	-	1.152E+00	1	5	16.67	83.33	8.554E-01	3.136E-01
1.152E+00	-	1.462E+00	1	6	16.67	100.00	1.132E+00	-2.488E-01
	G		0	6	0.00	100.00		
	H		0	6				
	B		51	57				
TOTALS LESS H AND B			6				5.468E+00	2.035E+00

HISTOGRAM FOR VARIABLE L-U-TL (NATURAL) (PPB)

```
-2.429E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 6.706E-02
 3.771E-01
 6.871E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 9.971E-01 XXXXXXXXXXXXXXXXX
 1.307E+00 XXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -3.97940E-01
MAXIMUM =  1.17609E+00
MEAN    =  5.38905E-01
STD DEV =  6.94583E-01
VARIANCE=  4.82446E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          U-D  (EXTRACTION FLUORIMETRIC)  (PPB)

        LIMITS              OBS   CUM     PERCENT  PERCENT          THEOR FREQ
   LOWER   -     UPPER      FREQ  FREQ     FREQ CUM FREQ           (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

               N              0     0      0.00      0.00
               L              0     0      0.00      0.00
               T              0     0      0.00      0.00
 3.000E-02 -  2.330E+00      35    35     87.50     87.50             8.783E+00                -4.798E+00
 2.330E+00 -  4.630E+00       1    36      2.50     90.00             8.325E+00                -8.205E+00
 4.630E+00 -  6.930E+00       1    37      2.50     92.50             5.766E+00                -5.595E+00
 6.930E+00 -  9.230E+00       0    37      0.00     92.50             2.921E+00                -2.921E+00
 9.230E+00 -  1.153E+01       0    37      0.00     92.50             1.081E+00                -1.081E+00
 1.153E+01 -  1.383E+01       0    37      0.00     92.50             2.923E-01                -2.923E-01
 1.383E+01 -  1.613E+01       3    40      7.50    100.00             6.701E-02                 4.470E+01
               G              0    40      0.00    100.00
               H              0    40
               B             17    57

TOTALS LESS H AND B          40                                       2.724E+01                 2.181E+01


HISTOGRAM FOR VARIABLE          U-D  (EXTRACTION FLUORIMETRIC)  (PPB)

     1.180E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     3.480E+00 XXX
     5.780E+00 XXX
     8.080E+00
     1.038E+01
     1.268E+01
     1.498E+01 XXXXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  3.00000E-02
MAXIMUM =  1.60000E+01
MEAN    =  1.93675E+00
STD DEV =  4.05414E+00
VARIANCE=  1.64361E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-D (EXTRACTION FLUORIMETRIC) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-1.523E+00	-	-1.133E+00	9	9	22.50	22.50	3.516E+00	-9.570E-01
-1.133E+00	-	-7.429E-01	1	10	2.50	25.00	5.964E+00	-5.796E+00
-7.429E-01	-	-3.529E-01	9	19	22.50	47.50	7.810E+00	-6.657E+00
-3.529E-01	-	3.712E-02	9	28	22.50	70.00	7.898E+00	-6.758E+00
3.712E-02	-	4.271E-01	7	35	17.50	87.50	6.168E+00	-5.033E+00
4.271E-01	-	8.171E-01	2	37	5.00	92.50	3.719E+00	-3.182E+00
8.171E-01	-	1.207E+00	3	40	7.50	100.00	2.571E+00	-1.404E+00
	G		0	40	0.00	100.00		
	H		0	40				
	B		17	57				
TOTALS LESS H AND B			40				3.765E+01	-2.979E+01

HISTOGRAM FOR VARIABLE L-U-D (EXTRACTION FLUORIMETRIC) (PPB)

```
-1.328E+00 XXXXXXXXXXXXXXXXXXXXXX
-9.379E-01 XXX
-5.479E-01 XXXXXXXXXXXXXXXXXXXXXX
-1.579E-01 XXXXXXXXXXXXXXXXXXXXXX
 2.321E-01 XXXXXXXXXXXXXXXXX
 6.221E-01 XXXXX
 1.012E+00 XXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.52288E+00
MAXIMUM =  1.20412E+00
MEAN    = -3.35948E-01
STD DEV =  7.58688E-01
VARIANCE=  5.75608E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          U-TL   (EXTRACTION FLUORIMETRIC)   (PPB)

      LIMITS               OBS    CUM      PERCENT   PERCENT            THEOR FREQ
  LOWER    -     UPPER     FREQ   FREQ      FREQ CUM FREQ             (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

            N                0      0        0.00       0.00
            L                0      0        0.00       0.00
            T                0      0        0.00       0.00
 2.000E-02 -  9.500E-01     20     20       71.43      71.43              7.059E+00               -4.225E+00
 9.500E-01 -  1.880E+00      2     22        7.14      78.57              7.163E+00               -6.884E+00
 1.880E+00 -  2.810E+00      5     27       17.86      96.43              4.616E+00               -3.533E+00
 2.810E+00 -  3.740E+00      0     27        0.00      96.43              1.889E+00               -1.889E+00
 3.740E+00 -  4.670E+00      0     27        0.00      96.43              4.903E-01               -4.903E-01
 4.670E+00 -  5.600E+00      0     27        0.00      96.43              8.066E-02               -8.066E-02
 5.600E+00 -  6.530E+00      1     28        3.57     100.00              8.978E-03                1.114E+02
            G                0     28        0.00     100.00
            H                0     28
            B               29     57

TOTALS LESS H AND B         28                                            2.131E+01                9.428E+01


HISTOGRAM FOR VARIABLE          U-TL   (EXTRACTION FLUORIMETRIC)   (PPB)

     4.850E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.415E+00 XXXXXXX
     2.345E+00 XXXXXXXXXXXXXXXXXX
     3.275E+00
     4.205E+00
     5.135E+00
     6.065E+00 XXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  2.00000E-02
MAXIMUM =  6.50000E+00
MEAN    =  9.80000E-01
STD DEV =  1.35342E+00
VARIANCE=  1.83174E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-TL (EXTRACTION FLUORIMETRIC) (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		0	0	0.00	0.00		
	T		0	0	0.00	0.00		
-1.699E+00	-	-1.339E+00	2	2	7.14	7.14	1.013E+00	9.608E-01
-1.339E+00	-	-9.790E-01	1	3	3.57	10.71	2.687E+00	-2.315E+00
-9.790E-01	-	-6.190E-01	5	8	17.86	28.57	5.007E+00	-4.009E+00
-6.190E-01	-	-2.590E-01	7	15	25.00	53.57	6.555E+00	-5.487E+00
-2.590E-01	-	1.010E-01	7	22	25.00	78.57	6.030E+00	-4.869E+00
1.010E-01	-	4.610E-01	5	27	17.86	96.43	3.898E+00	-2.615E+00
4.610E-01	-	8.210E-01	1	28	3.57	100.00	2.484E+00	-2.081E+00
	G		0	28	0.00	100.00		
	H		0	28				
	B		29	57				
TOTALS LESS H AND B			28				2.767E+01	-2.042E+01

HISTOGRAM FOR VARIABLE L-U-TL (EXTRACTION FLUORIMETRIC) (PPB)

```
-1.519E+00 XXXXXXX
-1.159E+00 XXXX
-7.990E-01 XXXXXXXXXXXXXXXXX
-4.390E-01 XXXXXXXXXXXXXXXXXXXXXXXXX
-7.897E-02 XXXXXXXXXXXXXXXXXXXXXXXXX
 2.810E-01 XXXXXXXXXXXXXXXXX
 6.410E-01 XXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.69897E+00
MAXIMUM =  8.12913E-01
MEAN    = -3.44124E-01
STD DEV =  5.96937E-01
VARIANCE=  3.56333E-01
```

```
                                      FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE          U-TL  (PPB)

      LIMITS                 OBS   CUM    PERCENT  PERCENT            THEOR FREQ
  LOWER   -    UPPER         FREQ  FREQ    FREQ CUM FREQ            (NORMAL DIST)    (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

              N                0     0      0.00     0.00
              L                5     5     15.15    15.15
              T                0     5      0.00    15.15              1.039E+01              2.800E+00
 7.000E-02 -  2.570E+00       20    25     60.61    75.76              6.933E+00             -4.048E+00
 2.570E+00 -  5.070E+00        4    29     12.12    87.88              6.705E+00             -6.108E+00
 5.070E+00 -  7.570E+00        1    30      3.03    90.91              4.855E+00             -4.649E+00
 7.570E+00 -  1.007E+01        0    30      0.00    90.91              2.632E+00             -2.632E+00
 1.007E+01 -  1.257E+01        0    30      0.00    90.91              1.068E+00             -1.068E+00
 1.257E+01 -  1.507E+01        1    31      3.03    93.94              3.244E-01              2.759E+00
 1.507E+01 -  1.757E+01        2    33      6.06   100.00              8.800E-02              2.264E+01
              G                0    33      0.00   100.00
              H                0    33
              B               24    57

TOTALS LESS H AND B           33                                       3.300E+01              9.693E+00



HISTOGRAM FOR VARIABLE          U-TL  (PPB)

    1.320E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    3.820E+00 XXXXXXXXXXXX
    6.320E+00 XXX
    8.820E+00
    1.132E+01
    1.382E+01 XXX
    1.632E+01 XXXXXX



THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  7.00000E-02
MAXIMUM =  1.74000E+01
MEAN    =  2.67964E+00
STD DEV =  4.88710E+00
VARIANCE=  2.38837E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	5	5	15.15	15.15		
		T	0	5	0.00	15.15	4.487E+00	5.863E-02
-1.155E+00	-	-8.149E-01	3	8	9.09	24.24	3.968E+00	-3.212E+00
-8.149E-01	-	-4.749E-01	9	17	27.27	51.52	5.281E+00	-3.577E+00
-4.749E-01	-	-1.349E-01	4	21	12.12	63.64	5.792E+00	-5.101E+00
-1.349E-01	-	2.051E-01	4	25	12.12	75.76	5.234E+00	-4.470E+00
2.051E-01	-	5.451E-01	3	28	9.09	84.85	3.898E+00	-3.128E+00
5.451E-01	-	8.851E-01	2	30	6.06	90.91	2.392E+00	-1.555E+00
8.851E-01	-	1.225E+00	2	32	6.06	96.97	1.209E+00	4.445E-01
1.225E+00	-	1.565E+00	1	33	3.03	100.00	7.397E-01	6.123E-01
		G	0	33	0.00	100.00		
		H	0	33				
		B	24	57				
TOTALS LESS H AND B			33				3.300E+01	-1.993E+01

HISTOGRAM FOR VARIABLE L-U-TL (PPB)

```
-9.949E-01 XXXXXXXXX
-6.449E-01 XXXXXXXXXXXXXXXXXXXXXXXXXX
-3.049E-01 XXXXXXXXXXXX
 3.510E-02 XXXXXXXXXXX
 3.751E-01 XXXXXXXXX
 7.151E-01 XXXXXX
 1.055E+00 XXXXXX
 1.395E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.15490E+00
MAXIMUM =  1.24055E+00
MEAN    = -1.36314E-01
STD DEV =  6.95157E-01
VARIANCE=  4.83243E-01
```

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE          U-S  (PPB)

        LIMITS            OBS   CUM     PERCENT   PERCENT             THEOR FREQ
  LOWER    -     UPPER    FREQ  FREQ     FREQ CUM FREQ              (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

              N             0     0      0.00      0.00
              L             6     6     20.69     20.69
              T             0     6      0.00     20.69               1.145E+01                 2.595E+00
 3.000E-02 -  3.603E+01    21    27     72.41     93.10               7.172E+00                -4.245E+00
 3.603E+01 -  7.203E+01     0    27      0.00     93.10               5.743E+00                -5.743E+00
 7.203E+01 -  1.080E+02     0    27      0.00     93.10               3.128E+00                -3.128E+00
 1.080E+02 -  1.440E+02     0    27      0.00     93.10               1.159E+00                -1.159E+00
 1.440E+02 -  1.800E+02     0    27      0.00     93.10               2.917E-01                -2.917E-01
 1.800E+02 -  2.160E+02     1    28      3.45     96.55               4.991E-02                 1.999E+01
 2.160E+02 -  2.520E+02     0    28      0.00     96.55               5.796E-03                -5.796E-03
 2.520E+02 -  2.880E+02     1    29      3.45    100.00               4.826E-04                 2.074E+03
              G             0    29      0.00    100.00
              H             0    29
              B            28    57

TOTALS LESS H AND B        29                                         2.900E+01                 2.083E+03


HISTOGRAM FOR VARIABLE          U-S  (PPB)

      1.803E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      5.403E+01
      9.003E+01
      1.260E+02
      1.620E+02
      1.980E+02 XXX
      2.340E+02
      2.700E+02 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  3.00000E-02
MAXIMUM =  2.54880E+02
MEAN    =  1.92039E+01
STD DEV =  6.37481E+01
VARIANCE=  4.06383E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	20.69	20.69		
	T		0	6	0.00	20.69	4.228E+00	7.424E-01
-1.523E+00	-	-9.629E-01	4	10	13.79	34.48	5.553E+00	-4.833E+00
-9.629E-01	-	-4.029E-01	11	21	37.93	72.41	7.185E+00	-5.654E+00
-4.029E-01	-	1.571E-01	6	27	20.69	93.10	6.298E+00	-5.345E+00
1.571E-01	-	7.171E-01	0	27	0.00	93.10	3.739E+00	-3.739E+00
7.171E-01	-	1.277E+00	0	27	0.00	93.10	1.503E+00	-1.503E+00
1.277E+00	-	1.837E+00	0	27	0.00	93.10	4.089E-01	-4.089E-01
1.837E+00	-	2.397E+00	1	28	3.45	96.55	7.526E-02	1.321E+01
2.397E+00	-	2.957E+00	1	29	3.45	100.00	1.020E-02	9.807E+01
	G		0	29	0.00	100.00		
	H		0	29				
	B		28	57				
TOTALS LESS H AND B			29				2.900E+01	9.054E+01

HISTOGRAM FOR VARIABLE L-U-S (PPB)

```
-1.243E+00 XXXXXXXXXXXXX
-6.829E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
-1.229E-01 XXXXXXXXXXXXXXXXXXXX
 4.371E-01
 9.971E-01
 1.557E+00
 2.117E+00 XXX
 2.677E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -1.52288E+00
MAXIMUM =  2.40634E+00
MEAN    = -4.47709E-01
STD DEV =  9.38886E-01
VARIANCE=  8.81507E-01
```

```
                                   FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE         U-TR  (PPB)

       LIMITS               OBS    CUM     PERCENT   PERCENT            THEOR FREQ
  LOWER   -     UPPER       FREQ   FREQ     FREQ CUM FREQ              (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N                0      0       0.00       0.00
             L                2      2       6.90       6.90
             T                0      2       0.00       6.90               1.115E+01              7.511E+00
 1.300E-01 -  3.713E+01      25     27      86.21      93.10               7.235E+00             -3.779E+00
 3.713E+01 -  7.413E+01       0     27       0.00      93.10               5.861E+00             -5.861E+00
 7.413E+01 -  1.111E+02       0     27       0.00      93.10               3.210E+00             -3.210E+00
 1.111E+02 -  1.481E+02       0     27       0.00      93.10               1.189E+00             -1.189E+00
 1.481E+02 -  1.851E+02       0     27       0.00      93.10               2.973E-01             -2.973E-01
 1.851E+02 -  2.221E+02       1     28       3.45      96.55               5.023E-02              1.986E+01
 2.221E+02 -  2.591E+02       0     28       0.00      96.55               6.725E-03             -6.725E-03
 2.591E+02 -  2.961E+02       1     29       3.45     100.00               4.637E-04              2.157E+03
             G                0     29       0.00     100.00
             H                0     29
             B               28     57

TOTALS LESS H AND B          29                                            2.900E+01              2.170E+03


HISTOGRAM FOR VARIABLE          U-TR  (PPB)

     1.863E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.563E+01
     9.263E+01
     1.296E+02
     1.666E+02
     2.036E+02 XXX
     2.406E+02
     2.776E+02 XXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.30000E-01
MAXIMUM =  2.60950E+02
MEAN    =  1.84570E+01
STD DEV =  6.01679E+01
VARIANCE=  3.62018E+03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-U-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		2	2	6.90	6.90		
	T		0	2	0.00	6.90	4.564E+00	1.440E+00
-8.861E-01	-	-4.161E-01	11	13	37.93	44.83	4.786E+00	-2.488E+00
-4.161E-01	-	5.394E-02	6	19	20.69	65.52	6.114E+00	-5.132E+00
5.394E-02	-	5.239E-01	6	25	20.69	86.21	5.849E+00	-4.823E+00
5.239E-01	-	9.939E-01	0	25	0.00	86.21	4.191E+00	-4.191E+00
9.939E-01	-	1.464E+00	2	27	6.90	93.10	2.249E+00	-1.359E+00
1.464E+00	-	1.934E+00	0	27	0.00	93.10	9.035E-01	-9.035E-01
1.934E+00	-	2.404E+00	1	28	3.45	96.55	2.718E-01	3.408E+00
2.404E+00	-	2.874E+00	1	29	3.45	100.00	7.293E-02	1.364E+01
	G		0	29	0.00	100.00		
	H		0	29				
	B		28	57				
TOTALS LESS H AND B			29				2.900E+01	-4.093E-01

HISTOGRAM FOR VARIABLE L-U-TR (PPB)

```
-6.511E-01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
-1.811E-01 XXXXXXXXXXXXXXXXXXXX
 2.889E-01 XXXXXXXXXXXXXXXXXXXX
 7.589E-01
 1.229E+00 XXXXXXX
 1.699E+00
 2.169E+00 XXX
 2.639E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = -8.86057E-01
MAXIMUM =  2.41656E+00
MEAN    =  2.00012E-02
STD DEV =  8.83417E-01
VARIANCE=  7.80426E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE V-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		47	47	95.92	95.92		
	T		0	47	0.00	95.92	4.899E+01	8.074E-02
2.000E+01	-	2.330E+01	1	48	2.04	97.96	0.000E-01	0.000E-01
2.330E+01	-	2.660E+01	0	48	0.00	97.96	0.000E-01	0.000E-01
2.660E+01	-	2.990E+01	0	48	0.00	97.96	0.000E-01	0.000E-01
2.990E+01	-	3.320E+01	1	49	2.04	100.00	1.119E-02	8.933E+01
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	8.941E+01

HISTOGRAM FOR VARIABLE V-D (PPB)

```
     2.165E+01 XX
     2.495E+01
     2.825E+01
     3.155E+01 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.00000E+01
MAXIMUM =  3.00000E+01
MEAN    =  2.50000E+01
STD DEV =  7.07107E+00
VARIANCE=  5.00000E+01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-V-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		47	47	95.92	95.92		
	T		0	47	0.00	95.92	4.900E+01	8.158E-02
1.301E+00	-	1.360E+00	1	48	2.04	97.96	0.000E-01	0.000E-01
1.360E+00	-	1.419E+00	0	48	0.00	97.96	0.000E-01	0.000E-01
1.419E+00	-	1.478E+00	1	49	2.04	100.00	6.232E-04	1.605E+03
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	1.605E+03

HISTOGRAM FOR VARIABLE L-V-D (PPB)

```
     1.331E+00 XX
     1.390E+00
     1.449E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.30103E+00
MAXIMUM =  1.47712E+00
MEAN    =  1.38908E+00
STD DEV =  1.24515E-01
VARIANCE=  1.55041E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE V-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		27	27	71.05	71.05		
	T		0	27	0.00	71.05	1.503E+01	9.526E+00
5.000E+00	-	1.400E+01	7	34	18.42	89.47	1.251E+01	-1.195E+01
1.400E+01	-	2.300E+01	1	35	2.63	92.11	7.710E+00	-7.581E+00
2.300E+01	-	3.200E+01	1	36	2.63	94.74	2.358E+00	-1.934E+00
3.200E+01	-	4.100E+01	0	36	0.00	94.74	3.568E-01	-3.568E-01
4.100E+01	-	5.000E+01	2	38	5.26	100.00	2.658E-02	7.522E+01
5.000E+01	-	5.900E+01	0	38	0.00	100.00	9.878E-04	-9.878E-04
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	6.292E+01

HISTOGRAM FOR VARIABLE V-TL (PPB)

```
9.500E+00 XXXXXXXXXXXXXXXXXX
1.850E+01 XXX
2.750E+01 XXX
3.650E+01
4.550E+01 XXXXX
5.450E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 5.00000E+00
MAXIMUM = 5.00000E+01
MEAN    = 1.70000E+01
STD DEV = 1.64621E+01
VARIANCE= 2.71000E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-V-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		27	27	71.05	71.05		
	T		0	27	0.00	71.05	1.726E+01	5.500E+00
6.990E-01	-	8.990E-01	5	32	13.16	84.21	9.853E+00	-9.346E+00
8.990E-01	-	1.099E+00	2	34	5.26	89.47	6.820E+00	-6.526E+00
1.099E+00	-	1.299E+00	0	34	0.00	89.47	3.029E+00	-3.029E+00
1.299E+00	-	1.499E+00	2	36	5.26	94.74	8.630E-01	1.455E+00
1.499E+00	-	1.699E+00	1	37	2.63	97.37	1.575E-01	6.190E+00
1.699E+00	-	1.899E+00	1	38	2.63	100.00	1.986E-02	5.034E+01
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	4.458E+01

HISTOGRAM FOR VARIABLE L-V-TL (PPB)

```
7.990E-01 XXXXXXXXXXXX
9.990E-01 XXXXX
1.199E+00
1.399E+00 XXXXX
1.599E+00 XXX
1.799E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 6.98970E-01
MAXIMUM = 1.69897E+00
MEAN = 1.05411E+00
STD DEV = 4.02014E-01
VARIANCE= 1.61615E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE V-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		13	13	68.42	68.42		
	T		0	13	0.00	68.42	6.599E+00	6.210E+00
6.000E+01	-	1.660E+03	3	16	15.79	84.21	4.741E+00	-4.108E+00
1.660E+03	-	3.260E+03	1	17	5.26	89.47	4.076E+00	-3.831E+00
3.260E+03	-	4.860E+03	0	17	0.00	89.47	2.365E+00	-2.365E+00
4.860E+03	-	6.460E+03	0	17	0.00	89.47	9.260E-01	-9.260E-01
6.460E+03	-	8.060E+03	2	19	10.53	100.00	2.936E-01	6.518E+00
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	1.499E+00

HISTOGRAM FOR VARIABLE V-S (PPB)

```
8.600E+02 XXXXXXXXXXXXXXXX
2.460E+03 XXXXX
4.060E+03
5.660E+03
7.260E+03 XXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E+01
MAXIMUM =  8.00000E+03
MEAN    =  3.29333E+03
STD DEV =  3.71422E+03
VARIANCE=  1.37955E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-V-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		13	13	68.42	68.42		
	T		0	13	0.00	68.42	1.146E+01	2.056E-01
1.778E+00	-	2.198E+00	1	14	5.26	73.68	2.321E+00	-1.890E+00
2.198E+00	-	2.618E+00	1	15	5.26	78.95	1.900E+00	-1.373E+00
2.618E+00	-	3.038E+00	0	15	0.00	78.95	1.389E+00	-1.389E+00
3.038E+00	-	3.458E+00	2	17	10.53	89.47	9.076E-01	1.296E+00
3.458E+00	-	3.878E+00	0	17	0.00	89.47	5.298E-01	-5.298E-01
3.878E+00	-	4.298E+00	2	19	10.53	100.00	4.877E-01	3.613E+00
	G		0	19	0.00	100.00		
	H		0	19				
	B		38	57				
TOTALS LESS H AND B			19				1.900E+01	-6.813E-02

HISTOGRAM FOR VARIABLE L-V-S (PPB)

```
1.988E+00 XXXXX
2.408E+00 XXXXX
2.828E+00
3.248E+00 XXXXXXXXXX
3.668E+00
4.088E+00 XXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.77815E+00
MAXIMUM = 3.90309E+00
MEAN = 3.08477E+00
STD DEV = 8.32624E-01
VARIANCE= 6.93263E-01

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE V-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	37.50	37.50		
	T		0	6	0.00	37.50	5.175E+00	1.317E-01
6.000E+00	-	1.606E+03	7	13	43.75	81.25	3.662E+00	-1.751E+00
1.606E+03	-	3.206E+03	1	14	6.25	87.50	3.397E+00	-3.102E+00
3.206E+03	-	4.806E+03	0	14	0.00	87.50	2.247E+00	-2.247E+00
4.806E+03	-	6.406E+03	0	14	0.00	87.50	1.061E+00	-1.061E+00
6.406E+03	-	8.006E+03	0	14	0.00	87.50	3.569E-01	-3.569E-01
8.006E+03	-	9.606E+03	2	16	12.50	100.00	1.022E-01	1.947E+01
	G		0	16	0.00	100.00		
	H		0	16				
	B		41	57				
TOTALS LESS H AND B			16				1.600E+01	1.108E+01

HISTOGRAM FOR VARIABLE V-TR (PPB)

```
8.060E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.406E+03 XXXXXX
4.006E+03
5.606E+03
7.206E+03
8.806E+03 XXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E+00
MAXIMUM =  8.05000E+03
MEAN    =  1.99410E+03
STD DEV =  3.26013E+03
VARIANCE=  1.06285E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-V-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		6	6	37.50	37.50		
	T		0	6	0.00	37.50	3.519E+00	1.749E+00
7.782E-01	-	1.408E+00	4	10	25.00	62.50	2.899E+00	-1.519E+00
1.408E+00	-	2.038E+00	1	11	6.25	68.75	3.294E+00	-2.990E+00
2.038E+00	-	2.668E+00	1	12	6.25	75.00	2.868E+00	-2.519E+00
2.668E+00	-	3.298E+00	1	13	6.25	81.25	1.913E+00	-1.391E+00
3.298E+00	-	3.928E+00	3	16	18.75	100.00	1.507E+00	4.828E-01
	G		0	16	0.00	100.00		
	H		0	16				
	B		41	57				
TOTALS LESS H AND B			16				1.600E+01	-6.187E+00

HISTOGRAM FOR VARIABLE L-V-TR (PPB)

```
1.093E+00 XXXXXXXXXXXXXXXXXXXXXXXX
1.723E+00 XXXXXX
2.353E+00 XXXXXX
2.983E+00 XXXXXX
3.613E+00 XXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.78151E-01
MAXIMUM = 3.90580E+00
MEAN = 2.19495E+00
STD DEV = 1.31647E+00
VARIANCE= 1.73309E+00

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE ZN-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		27	27	56.25	56.25		
	T		0	27	0.00	56.25	1.598E+01	7.598E+00
6.000E+00	-	1.060E+02	13	40	27.08	83.33	1.208E+01	-1.101E+01
1.060E+02	-	2.060E+02	2	42	4.17	87.50	1.057E+01	-1.039E+01
2.060E+02	-	3.060E+02	0	42	0.00	87.50	6.186E+00	-6.186E+00
3.060E+02	-	4.060E+02	2	44	4.17	91.67	2.419E+00	-1.592E+00
4.060E+02	-	5.060E+02	2	46	4.17	95.83	6.315E-01	2.535E+00
5.060E+02	-	6.060E+02	1	47	2.08	97.92	1.101E-01	8.975E+00
6.060E+02	-	7.060E+02	1	48	2.08	100.00	1.384E-02	7.224E+01
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.800E+01	6.217E+01

HISTOGRAM FOR VARIABLE ZN-D (PPB)

```
5.600E+01 XXXXXXXXXXXXXXXXXXXXXXXXX
1.560E+02 XXXX
2.560E+02
3.560E+02 XXXX
4.560E+02 XXXX
5.560E+02 XX
6.560E+02 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  6.00000E+00
MAXIMUM =  6.10000E+02
MEAN    =  1.58857E+02
STD DEV =  2.06311E+02
VARIANCE=  4.25643E+04
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZN-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		27	27	56.25	56.25		
	T		0	27	0.00	56.25	1.273E+01	1.600E+01
7.782E-01	-	1.108E+00	4	31	8.33	64.58	8.842E+00	-8.389E+00
1.108E+00	-	1.438E+00	7	38	14.58	79.17	9.410E+00	-8.666E+00
1.438E+00	-	1.768E+00	2	40	4.17	83.33	7.839E+00	-7.584E+00
1.768E+00	-	2.098E+00	0	40	0.00	83.33	5.110E+00	-5.110E+00
2.098E+00	-	2.428E+00	2	42	4.17	87.50	2.607E+00	-1.840E+00
2.428E+00	-	2.758E+00	5	47	10.42	97.92	1.041E+00	3.763E+00
2.758E+00	-	3.088E+00	1	48	2.08	100.00	4.224E-01	1.965E+00
	G		0	48	0.00	100.00		
	H		0	48				
	B		9	57				
TOTALS LESS H AND B			48				4.800E+01	-9.881E+00

HISTOGRAM FOR VARIABLE L-ZN-D (PPB)

```
9.432E-01 XXXXXXXX
1.273E+00 XXXXXXXXXXXXXXX
1.603E+00 XXXX
1.933E+00
2.263E+00 XXXX
2.593E+00 XXXXXXXXXX
2.923E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 7.78151E-01
MAXIMUM = 2.78533E+00
MEAN = 1.72429E+00
STD DEV = 7.02847E-01
VARIANCE= 4.93994E-01

```
                                        FREQUENCY DISTRIBUTION AND HISTOGRAM


FREQUENCY TABLE FOR VARIABLE        ZN-TL  (PPB)

      LIMITS           OBS   CUM     PERCENT  PERCENT           THEOR FREQ
  LOWER   -    UPPER   FREQ  FREQ     FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

           N              0     0      0.00      0.00
           L             11    11     26.83     26.83
           T              0    11      0.00     26.83              1.414E+01              6.983E-01
 6.000E+00 -  3.360E+02  23    34     56.10     82.93              1.275E+01             -1.095E+01
 3.360E+02 -  6.660E+02   3    37      7.32     90.24              9.403E+00             -9.084E+00
 6.660E+02 -  9.960E+02   3    40      7.32     97.56              3.776E+00             -2.981E+00
 9.960E+02 -  1.326E+03   0    40      0.00     97.56              8.241E-01             -8.241E-01
 1.326E+03 -  1.656E+03   0    40      0.00     97.56              9.749E-02             -9.749E-02
 1.656E+03 -  1.986E+03   0    40      0.00     97.56              0.000E-01              0.000E-01
 1.986E+03 -  2.316E+03   1    41      2.44    100.00              6.452E-03              1.550E+02
           G              0    41      0.00    100.00
           H              0    41
           B             16    57

TOTALS LESS H AND B      41                                        4.100E+01              1.317E+02



HISTOGRAM FOR VARIABLE        ZN-TL  (PPB)

     1.710E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     5.010E+02 XXXXXXX
     8.310E+02 XXXXXXX
     1.161E+03
     1.491E+03
     1.821E+03
     2.151E+03 XX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  6.00000E+00
MAXIMUM =  2.31000E+03
MEAN    =  2.30833E+02
STD DEV =  4.69513E+02
VARIANCE=  2.20442E+05
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZN-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	26.83	26.83		
	T		0	11	0.00	26.83	8.386E+00	8.150E-01
7.782E-01	-	1.148E+00	11	22	26.83	53.66	6.542E+00	-4.861E+00
1.148E+00	-	1.518E+00	6	28	14.63	68.29	7.700E+00	-6.921E+00
1.518E+00	-	1.888E+00	4	32	9.76	78.05	7.243E+00	-6.691E+00
1.888E+00	-	2.258E+00	1	33	2.44	80.49	5.445E+00	-5.261E+00
2.258E+00	-	2.628E+00	1	34	2.44	82.93	3.271E+00	-2.965E+00
2.628E+00	-	2.998E+00	6	40	14.63	97.56	1.570E+00	2.251E+00
2.998E+00	-	3.368E+00	1	41	2.44	100.00	8.424E-01	3.447E-01
	G		0	41	0.00	100.00		
	H		0	41				
	B		16	57				
TOTALS LESS H AND B			41				4.100E+01	-2.329E+01

HISTOGRAM FOR VARIABLE L-ZN-TL (PPB)

```
9.632E-01 XXXXXXXXXXXXXXXXXXXXXXXXXX
1.333E+00 XXXXXXXXXXXXXX
1.703E+00 XXXXXXXXXX
2.073E+00 XX
2.443E+00 XX
2.813E+00 XXXXXXXXXXXXXX
3.183E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 7.78151E-01
MAXIMUM = 3.36361E+00
MEAN    = 1.65144E+00
STD DEV = 7.84025E-01
VARIANCE= 6.14695E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

```
FREQUENCY TABLE FOR VARIABLE          ZN-S  (PPB)

       LIMITS             OBS   CUM    PERCENT  PERCENT           THEOR FREQ
   LOWER  -    UPPER      FREQ  FREQ    FREQ CUM FREQ            (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N              0     0     0.00      0.00
             L             10    10    31.25     31.25
             T              0    10     0.00     31.25            1.223E+01               4.079E-01
  6.000E+00 -  9.060E+02   19    29    59.38     90.63            8.683E+00              -6.495E+00
  9.060E+02 -  1.806E+03    1    30     3.13     93.75            6.670E+00              -6.520E+00
  1.806E+03 -  2.706E+03    0    30     0.00     93.75            3.223E+00              -3.223E+00
  2.706E+03 -  3.606E+03    0    30     0.00     93.75            9.789E-01              -9.789E-01
  3.606E+03 -  4.506E+03    0    30     0.00     93.75            1.867E-01              -1.867E-01
  4.506E+03 -  5.406E+03    2    32     6.25    100.00            2.409E-02               8.301E+01
             G              0    32     0.00    100.00
             H              0    32
             B             25    57

TOTALS LESS H AND B        32                                     3.200E+01               6.601E+01


HISTOGRAM FOR VARIABLE          ZN-S  (PPB)

     4.560E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.356E+03 XXX
     2.256E+03
     3.156E+03
     4.056E+03
     4.956E+03 XXXXXX


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  6.00000E+00
MAXIMUM =  5.40000E+03
MEAN    =  5.70773E+02
STD DEV =  1.54058E+03
VARIANCE=  2.37340E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZN-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		10	10	31.25	31.25		
	T		0	10	0.00	31.25	9.376E+00	4.147E-02
7.782E-01	-	1.268E+00	11	21	34.38	65.63	6.601E+00	-4.935E+00
1.268E+00	-	1.758E+00	7	28	21.88	87.50	6.607E+00	-5.548E+00
1.758E+00	-	2.248E+00	0	28	0.00	87.50	4.961E+00	-4.961E+00
2.248E+00	-	2.738E+00	0	28	0.00	87.50	2.794E+00	-2.794E+00
2.738E+00	-	3.228E+00	2	30	6.25	93.75	1.180E+00	5.153E-01
3.228E+00	-	3.718E+00	1	31	3.13	96.88	3.736E-01	2.303E+00
3.718E+00	-	4.208E+00	1	32	3.13	100.00	1.068E-01	9.255E+00
	G		0	32	0.00	100.00		
	H		0	32				
	B		25	57				
TOTALS LESS H AND B			32				3.200E+01	-6.123E+00

HISTOGRAM FOR VARIABLE L-ZN-S (PPB)

```
1.023E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.513E+00 XXXXXXXXXXXXXXXXXXXXX
2.003E+00
2.493E+00
2.983E+00 XXXXXX
3.473E+00 XXX
3.963E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  7.78151E-01
MAXIMUM =  3.73239E+00
MEAN    =  1.58407E+00
STD DEV =  8.91757E-01
VARIANCE=  7.95231E-01
```

```
                                              FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE        ZN-TR  (PPB)

        LIMITS             OBS   CUM     PERCENT  PERCENT            THEOR FREQ
   LOWER  -     UPPER      FREQ  FREQ     FREQ CUM FREQ             (NORMAL DIST)   (THEOR FREQ - OBS FREQ)**2/THEOR FREQ

             N               0     0      0.00      0.00
             L               8     8     26.67     26.67
             T               0     8      0.00     26.67               1.108E+01              8.553E-01
 1.000E+01 -  9.800E+02     19    27     63.33     90.00               8.034E+00             -5.669E+00
 9.800E+02 -  1.950E+03      1    28      3.33     93.33               6.376E+00             -6.221E+00
 1.950E+03 -  2.920E+03      0    28      0.00     93.33               3.227E+00             -3.227E+00
 2.920E+03 -  3.890E+03      0    28      0.00     93.33               1.040E+00             -1.040E+00
 3.890E+03 -  4.860E+03      0    28      0.00     93.33               2.132E-01             -2.132E-01
 4.860E+03 -  5.830E+03      2    30      6.67    100.00               2.778E-02              7.196E+01
 5.830E+03 -  6.800E+03      0    30      0.00    100.00               2.424E-03             -2.424E-03
             G               0    30      0.00    100.00
             H               0    30
             B              27    57

TOTALS LESS H AND B         30                                         3.000E+01              5.644E+01


HISTOGRAM FOR VARIABLE        ZN-TR  (PPB)

     4.950E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     1.465E+03 XXX
     2.435E+03
     3.405E+03
     4.375E+03
     5.345E+03 XXXXXXX
     6.315E+03


THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM =  1.00000E+01
MAXIMUM =  5.83000E+03
MEAN    =  6.50545E+02
STD DEV =  1.63208E+03
VARIANCE=  2.66370E+06
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZN-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		8	8	26.67	26.67		
	T		0	8	0.00	26.67	5.256E+00	1.433E+00
1.000E+00	-	1.460E+00	6	14	20.00	46.67	5.797E+00	-4.762E+00
1.460E+00	-	1.920E+00	10	24	33.33	80.00	7.045E+00	-5.626E+00
1.920E+00	-	2.380E+00	0	24	0.00	80.00	6.052E+00	-6.052E+00
2.380E+00	-	2.840E+00	3	27	10.00	90.00	3.675E+00	-2.859E+00
2.840E+00	-	3.300E+00	1	28	3.33	93.33	1.577E+00	-9.428E-01
3.300E+00	-	3.760E+00	1	29	3.33	96.67	4.781E-01	1.614E+00
3.760E+00	-	4.220E+00	1	30	3.33	100.00	1.196E-01	8.241E+00
	G		0	30	0.00	100.00		
	H		0	30				
	B		27	57				
TOTALS LESS H AND B			30				3.000E+01	-8.954E+00

HISTOGRAM FOR VARIABLE L-ZN-TR (PPB)

```
1.230E+00 XXXXXXXXXXXXXXXXXXX
1.690E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.150E+00
2.610E+00 XXXXXXXXXX
3.070E+00 XXX
3.530E+00 XXX
3.990E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  3.76567E+00
MEAN    =  1.88761E+00
STD DEV =  8.20574E-01
VARIANCE=  6.73341E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE ZR-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		46	46	93.88	93.88		
	T		0	46	0.00	93.88	4.463E+01	4.199E-02
2.000E+01	-	2.750E+01	1	47	2.04	95.92	3.885E+00	-3.628E+00
2.750E+01	-	3.500E+01	0	47	0.00	95.92	4.613E-01	-4.613E-01
3.500E+01	-	4.250E+01	1	48	2.04	97.96	0.000E-01	0.000E-01
4.250E+01	-	5.000E+01	1	49	2.04	100.00	0.000E-01	0.000E-01
5.000E+01	-	5.750E+01	0	49	0.00	100.00	2.233E-02	-2.233E-02
	G		0	49	0.00	100.00		
	H		0	49				
	B		8	57				
TOTALS LESS H AND B			49				4.900E+01	-4.070E+00

HISTOGRAM FOR VARIABLE ZR-D (PPB)

```
     2.375E+01 XX
     3.125E+01
     3.875E+01 XX
     4.625E+01 XX
     5.375E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  2.00000E+01
MAXIMUM =  5.00000E+01
MEAN    =  3.66667E+01
STD DEV =  1.52753E+01
VARIANCE=  2.33333E+02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZR-D (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		N	0	0	0.00	0.00		
		L	46	46	93.88	93.88		
		T	0	46	0.00	93.88	4.842E+01	1.214E-01
1.301E+00	-	1.400E+00	1	47	2.04	95.92	4.806E-01	1.600E+00
1.400E+00	-	1.499E+00	0	47	0.00	95.92	8.360E-02	-8.360E-02
1.499E+00	-	1.598E+00	0	47	0.00	95.92	9.952E-03	-9.952E-03
1.598E+00	-	1.697E+00	1	48	2.04	97.96	0.000E-01	0.000E-01
1.697E+00	-	1.796E+00	1	49	2.04	100.00	8.572E-04	1.167E+03
		G	0	49	0.00	100.00		
		H	0	49				
		B	8	57				
TOTALS LESS H AND B			49				4.900E+01	1.168E+03

HISTOGRAM FOR VARIABLE L-ZR-D (PPB)

```
1.351E+00 XX
1.450E+00
1.549E+00
1.648E+00 XX
1.747E+00 XX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.30103E+00
MAXIMUM =  1.69897E+00
MEAN    =  1.53402E+00
STD DEV =  2.07512E-01
VARIANCE=  4.30611E-02
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE ZR-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		34	34	89.47	89.47		
	T		0	34	0.00	89.47	3.566E+01	7.690E-02
1.000E+01	-	1.100E+01	3	37	7.89	97.37	2.077E+00	-6.324E-01
1.100E+01	-	1.200E+01	0	37	0.00	97.37	2.530E-01	-2.530E-01
1.200E+01	-	1.300E+01	0	37	0.00	97.37	0.000E-01	0.000E-01
1.300E+01	-	1.400E+01	1	38	2.63	100.00	0.000E-01	0.000E-01
1.400E+01	-	1.500E+01	0	38	0.00	100.00	1.426E-02	-1.426E-02
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	-8.228E-01

HISTOGRAM FOR VARIABLE ZR-TL (PPB)

```
1.050E+01 XXXXXXXX
1.150E+01
1.250E+01
1.350E+01 XXX
1.450E+01
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+01
MAXIMUM =  1.40000E+01
MEAN    =  1.10000E+01
STD DEV =  2.00000E+00
VARIANCE=  4.00000E+00
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZR-TL (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		34	34	89.47	89.47		
	T		0	34	0.00	89.47	3.659E+01	1.832E-01
1.000E+00	-	1.037E+00	3	37	7.89	97.37	1.225E+00	1.225E+00
1.037E+00	-	1.074E+00	0	37	0.00	97.37	1.729E-01	-1.729E-01
1.074E+00	-	1.111E+00	0	37	0.00	97.37	1.327E-02	-1.327E-02
1.111E+00	-	1.148E+00	1	38	2.63	100.00	5.643E-04	1.772E+03
	G		0	38	0.00	100.00		
	H		0	38				
	B		19	57				
TOTALS LESS H AND B			38				3.800E+01	1.773E+03

HISTOGRAM FOR VARIABLE L-ZR-TL (PPB)

```
1.018E+00 XXXXXXXX
1.055E+00
1.092E+00
1.129E+00 XXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM =  1.00000E+00
MAXIMUM =  1.14613E+00
MEAN    =  1.03653E+00
STD DEV =  7.30639E-02
VARIANCE=  5.33833E-03
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE ZR-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	5.488E+00	5.537E+00
7.000E+01	-	1.670E+03	2	13	11.76	76.47	3.880E+00	-3.364E+00
1.670E+03	-	3.270E+03	1	14	5.88	82.35	3.606E+00	-3.328E+00
3.270E+03	-	4.870E+03	1	15	5.88	88.24	2.394E+00	-1.977E+00
4.870E+03	-	6.470E+03	0	15	0.00	88.24	1.136E+00	-1.136E+00
6.470E+03	-	8.070E+03	2	17	11.76	100.00	4.965E-01	3.531E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-7.371E-01

HISTOGRAM FOR VARIABLE ZR-S (PPB)

```
8.700E+02 XXXXXXXXXXXX
2.470E+03 XXXXXX
4.070E+03 XXXXXX
5.670E+03
7.270E+03 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 7.00000E+01
MAXIMUM = 8.00000E+03
MEAN    = 3.72833E+03
STD DEV = 3.59700E+03
VARIANCE= 1.29384E+07
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZR-S (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		11	11	64.71	64.71		
	T		0	11	0.00	64.71	9.289E+00	3.153E-01
1.845E+00	-	2.255E+00	1	12	5.88	70.59	2.193E+00	-1.737E+00
2.255E+00	-	2.665E+00	1	13	5.88	76.47	1.883E+00	-1.352E+00
2.665E+00	-	3.075E+00	0	13	0.00	76.47	1.444E+00	-1.444E+00
3.075E+00	-	3.485E+00	1	14	5.88	82.35	9.880E-01	2.418E-02
3.485E+00	-	3.895E+00	1	15	5.88	88.24	6.037E-01	1.053E+00
3.895E+00	-	4.305E+00	2	17	11.76	100.00	6.000E-01	2.733E+00
	G		0	17	0.00	100.00		
	H		0	17				
	B		40	57				
TOTALS LESS H AND B			17				1.700E+01	-4.071E-01

HISTOGRAM FOR VARIABLE L-ZR-S (PPB)

```
2.050E+00 XXXXXX
2.460E+00 XXXXXX
2.870E+00
3.280E+00 XXXXXX
3.690E+00 XXXXXX
4.100E+00 XXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.84510E+00
MAXIMUM = 3.90309E+00
MEAN    = 3.17191E+00
STD DEV = 8.38345E-01
VARIANCE= 7.02822E-01
```

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE ZR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	28.57	28.57		
	T		0	4	0.00	28.57	4.110E+00	2.929E-03
1.300E+01	-	1.613E+03	6	10	42.86	71.43	2.902E+00	-8.351E-01
1.613E+03	-	3.213E+03	1	11	7.14	78.57	2.899E+00	-2.554E+00
3.213E+03	-	4.813E+03	1	12	7.14	85.71	2.167E+00	-1.705E+00
4.813E+03	-	6.413E+03	0	12	0.00	85.71	1.212E+00	-1.212E+00
6.413E+03	-	8.013E+03	2	14	14.29	100.00	7.103E-01	2.106E+00
	G		0	14	0.00	100.00		
	H		0	14				
	B		43	57				
TOTALS LESS H AND B			14				1.400E+01	-4.198E+00

HISTOGRAM FOR VARIABLE ZR-TR (PPB)

```
 8.130E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 2.413E+03 XXXXXXX
 4.013E+03 XXXXXXX
 5.613E+03
 7.213E+03 XXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM = 1.30000E+01
MAXIMUM = 8.00000E+03
MEAN = 2.24290E+03
STD DEV = 3.29630E+03
VARIANCE= 1.08656E+07

FREQUENCY DISTRIBUTION AND HISTOGRAM

FREQUENCY TABLE FOR VARIABLE L-ZR-TR (PPB)

LIMITS LOWER	-	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		4	4	28.57	28.57		
	T		0	4	0.00	28.57	2.978E+00	3.511E-01
1.114E+00	-	1.674E+00	4	8	28.57	57.14	2.316E+00	-5.881E-01
1.674E+00	-	2.234E+00	1	9	7.14	64.29	2.685E+00	-2.313E+00
2.234E+00	-	2.794E+00	1	10	7.14	71.43	2.469E+00	-2.064E+00
2.794E+00	-	3.354E+00	1	11	7.14	78.57	1.800E+00	-1.244E+00
3.354E+00	-	3.914E+00	3	14	21.43	100.00	1.753E+00	-4.168E-02
	G		0	14	0.00	100.00		
	H		0	14				
	B		43	57				
TOTALS LESS H AND B			14				1.400E+01	-5.899E+00

HISTOGRAM FOR VARIABLE L-ZR-TR (PPB)

```
1.394E+00 XXXXXXXXXXXXXXXXXXXXXXXXXXX
1.954E+00 XXXXXXX
2.514E+00 XXXXXXX
3.074E+00 XXXXXXX
3.634E+00 XXXXXXXXXXXXXXXXXXXX
```

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

```
MINIMUM = 1.11394E+00
MAXIMUM = 3.90309E+00
MEAN    = 2.36220E+00
STD DEV = 1.21950E+00
VARIANCE= 1.48719E+00
```