

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506. NGR 17-1977. NTS 42D, 42E(S/2)

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OPEN FILE 506 IS ONE OF TWO OPEN FILES (506 AND 507) COVERING ONTARIO - THUNDER BAY SURVEY AREA.

THE RECONNAISSANCE SURVEY WAS UNDERTAKEN BY THE GEOLOGICAL SURVEY OF CANADA IN CONJUNCTION WITH THE ONTARIO MINISTRY OF NATURAL RESOURCES UNDER THE TERMS OF THE CADADA-ONTARIO AGREEMENT ON A URANIUM RECONNAISSANCE PROGRAM. FISHERIES AND ENVIRONMENT CANADA PROVIDED FUNDS FOR THE DETERMINATION OF MERCURY.

E.H.W. HORN BROOK DIRECTED GEOLOGICAL SURVEY OF CANADA ACTIVITIES. CONTRACTS LET FOR SAMPLE COLLECTION, PREPARATION AND ANALYSIS WERE SUPERVISED AND/OR MONITORED BY STAFF OF THE GEOCHEMISTRY SECTION AS FOLLOWS:

COLLECTION - MARSHALL MACKLIN MONOGHAN LIMITED, TORONTO.
- E.H.W. HORN BROOK, W.B. COKER

PREPARATION - GOLDR ASSOCIATES, OTTAWA.
- J.J. LYNCH

ANALYTICAL - CHEMEX LABS. LIMITED, VANCOUVER.
- BARRINGER RESEARCH LIMITED, TORONTO.
- ATOMIC ENERGY OF CANADA LIMITED, OTTAWA.
- J.J. LYNCH

AT THE GEOLOGICAL SURVEY OF CANADA, N.G. LUND WAS RESPONSIBLE FOR OPEN FILE PRODUCTION AND DATA MANAGEMENT AND WAS SUPPORTED BY F. WILLIAMS OF THE CARTOGRAPHIC SECTION WHO SUPERVISED MAP PREPARATION. DIRECT PHOTO-HEAD PLOTTING FACILITIES WERE MADE AVAILABLE BY THE MAP PRODUCTION DIRECTORATE, SURVEYS AND MAPPING BRANCH, E.M.R.

PROVINCIAL LIASION WAS WITH R.B. BARLOW, ONTARIO MINISTRY OF NATURAL RESOURCES.

LAKE SEDIMENT AND WATER SAMPLES WERE COLLECTED AT AN AVERAGE DENSITY OF ONE SAMPLE PER 13 SQUARE KILOMETRES (5 SQUARE MILES) THROUGHOUT THE 27700 SQUARE KILOMETRE (10700 SQUARE MILE) TOTAL THUNDER BAY SURVEY AREA. THE HELICOPTER SUPPORTED SAMPLE COLLECTION WAS CARRIED OUT DURING THE SUMMER OF 1977. SAMPLE SITE AND GRID CELL DUPLICATE SAMPLES WERE ROUTINELY COLLECTED IN EACH ANALYTICAL BLOCK OF TWENTY SAMPLES.

IN OTTAWA, FIELD DRIED SAMPLES WERE AIR-DRIED, CRUSHED AND BALL MILLED. THE MINUS 80 MESH (177 MICRONS) FRACTION WAS OBTAINED AND USED FOR SUBSEQUENT

ANALYSES.

AS REQUIRED, AT THIS TIME, CONTROL REFERENCE AND BLIND DUPLICATE SAMPLES WERE INSERTED INTO EACH ANALYTICAL BLOCK OF TWENTY SEDIMENT AND WATER SAMPLES. NO OTHER SAMPLE PROCESSING IN OTTAWA WAS CARRIED OUT ON THE WATER SAMPLES.

THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN, FE, MO, HG, AS AND LOSS ON IGNITION IN LAKE SEDIMENTS WAS CARRIED OUT BY CHEMEX LABS LIMITED.

THE DETERMINATION OF U IN LAKE SEDIMENTS WAS CARRIED OUT BY ATOMIC ENERGY OF CANADA LIMITED.

THE DETERMINATION OF U, F AND PH IN LAKE WATERS WAS CARRIED OUT BY BARRINGER RESEARCH LIMITED.

FOR THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN AND FE, A 1 GRAM SAMPLE WAS REACTED WITH 6 ML OF A MIXTURE OF 4M HCL AND M HNO₃ IN A TEST-TUBE OVERNIGHT AT ROOM TEMPERATURE.

AFTER THE OVERNIGHT DIGESTION THE TEST-TUBE WAS IMMERSSED IN A HOT WATER BATH AT ROOM TEMPERATURE AND BROUGHT UP TO 90C AND HELD AT THIS TEMPERATURE FOR 2 HOURS WITH PERIODIC SHAKING.

THE SAMPLE SOLUTION WAS THEN DILUTED TO 20 ML WITH METAL FREE WATER AND MIXED. ZN, CU, PB, NI, CO, AG, MN AND FE WERE DETERMINED BY ATOMIC ABSORTION SPECTROSCOPY USING AN AIR-ACETYLENE FLAME. BACKGROUND CORRECTIONS WERE MADE FOR PB, NI, CO AND AG.

ARSENIC WAS DETERMINED COLORIMETRICALLY USING SILVER DIETHYLDITHIOCARBAMATE. DECOMPOSITION WAS ACCOMPLISHED BY HEATING A 1 GRAM SAMPLE WITH 20 ML OF 6M HCL AT 90C FOR 1.5 HOURS. COLORIMETRIC MEASUREMENTS WERE MADE AT 520 NM.

MOLYBDENUM WAS DETERMINED BY ATOMIC ABSORTION SPECTROSCOPY USING A NITROUS OXIDE-ACETYLENE FLAME.

A 0.5 GRAM SAMPLE WAS REACTED WITH 1.5 ML CONCENTRATED HNO₃ AT 90C FOR 30 MINUTES.

AT THIS POINT 0.5 ML CONCENTRATED HCL WAS ADDED AND THE DIGESTION WAS CONTINUED AT 90C FOR AN ADDITIONAL 90 MINUTES.

AFTER COOLING, 8 ML OF 1250 PPM AL SOLUTION WERE ADDED AND THE SAMPLE SOLUTION WAS DILUTED TO 10 ML BEFORE ASPIRATION.

MERCURY WAS DETERMINED BY THE HATCH AND OTT PROCEDURE WITH SOME MODIFICATIONS. THE METHOD IS DESCRIBED BY JONASSON ET AL. (1973).

A 0.5 GRAM SAMPLE WAS REACTED WITH 20 ML CONCENTRATED HNO₃ AND 1 ML CONCENTRATED HCL IN A TEST-TUBE FOR 10 MINUTES AT ROOM TEMPERATURE PRIOR TO 2 HOURS OF DIGESTION WITH MIXING AT 90C IN A HOT WATER BATH.

AFTER DIGESTION, THE SAMPLE SOLUTIONS WERE COOLED AND DILUTED TO 100 ML WITH METAL FREE WATER.

THE HG PRESENT WAS REDUCED TO THE ELEMENTAL STATE BY THE ADDITION OF 10 ML W/V

SNSO4 IN M H2SO4.

THE HG VAPOUR WAS THEN FLUSHED BY A STREAM OF AIR INTO AN ABSORPTION CELL MOUNTED IN THE LIGHT PATH OF AN ATOMIC ABSORPTION SPECTROPHOTOMETER. ABSORPTION MEASUREMENTS WERE MADE AT 253.7 NM.

LOSS ON IGNITION WAS DETERMINED USING A 500 MG SAMPLE. THE SAMPLE, WEIGHED INTO 30 ML BEAKER, WAS PLACED IN A COLD MUFFLE FURNACE AND BROUGHT UP TO 500C OVER A PERIOD OF 2-3 HOURS. THE SAMPLE WAS LEFT AT THIS TEMPERATURE FOR 4 HOURS, THEN ALLOWED TO COOL TO ROOM TEMPERATURE FOR WEIGHING.

URANIUM WAS DETERMINED USING A NEUTRON ACTIVATION METHOD WITH DELAYED NEUTRON COUNTING. A DETAILED DESCRIPTION OF THE METHOD IS PROVIDED BY BOULANGER ET AL. (1975). IN BRIEF, A 1 GRAM SAMPLE IS WEIGHED INTO A 7 DRAM POLYETHYLENE VIAL. CAPPED AND SEALED. THE IRRADIATION IS PROVIDED BY THE SLOWPOKE REACTOR WITH AN OPERATING FLUX OF 10^{12} NEUTRONS/SQ. CM./SEC. THE SAMPLES ARE PNEUMATICALLY TRANSFERRED FROM AN AUTOMATIC LOADER TO THE REACTOR, WHERE EACH SAMPLE IS IRRADIATED FOR 60 SECONDS. AFTER IRRADIATION, THE SAMPLE IS AGAIN TRANSFERRED PNEUMATICALLY TO THE COUNTING FACILITY WHERE AFTER A 10 SECOND DELAY THE SAMPLE IS COUNTED FOR 60 SECONDS WITH SIX BF3 DETECTOR TUBES EMBEDDED IN PARRAFIN. FOLLOWING COUNTING, THE SAMPLES ARE AUTOMATICALLY EJECTED INTO A SHIELDED STORAGE CONTAINER. CALIBRATION IS CARRIED OUT TWICE A DAY AS A MINIMUM USING NATURAL MATERIALS OF KNOWN URANIUM CONCENTRATION.

URANIUM, FLUORIDE AND PH WERE DETERMINED IN LAKE WATER SAMPLES. UPON RECEIVING A BATCH OF SAMPLES, FLUORIDE AND PH WERE DETERMINED BY SPECIFIC ION ELECTRODE AND GLASS-CALOMEL COMBINATION ELECTRODE RESPECTIVELY. AFTER THESE TWO DETERMINATIONS WERE COMPLETED, THE REMAINING WATER IN THE SAMPLE BOTTLE (APPROX. 225 ML) WAS ACIDIFIED WITH 3 ML CONCENTRATED HNO3.

TWO WEEKS AFTER ACIDIFICATION, A 5 MICROLITRE ALIQUOT OF THE SAMPLE WAS THEN REMOVED FOR THE DETERMINATION OF URANIUM BY FISSION TRACK ANALYSES. THE TWO WEEK WAITING PERIOD WAS TO INSURE THAT ALL PRECIPITATED URANIUM WAS REDISSOLVED. TO DETERMINE URANIUM, SAMPLE ALIQUOTS WERE PLACED ON A POLYCARBONATE TAPE AND DRIED. THE TAPE WAS THEN IRRADIATED IN A NUCLEAR REACTOR AT MCMASTER UNIVERSITY FOR 1 HOUR IN A FLUX OF 10^{13} NEUTRONS/SQ. CM./SEC. THE TAPE WAS SUBSEQUENTLY ETCHED WITH 25% NAOH SOLUTION AND THE FISSION TRACKS WERE COUNTED WITH AN OPTICAL COUNTER FITTED TO A MICROSCOPE. THE NUMBER OF TRACKS WAS PROPORTIONAL TO THE URANIUM CONCENTRATION. EACH TAPE CONTAINED ITS OWN CALIBRATION STANDARDS, BLANKS AND SAMPLE DUPLICATES.

FLUORIDE IN LAKE WATER SAMPLES WAS DETERMINED USING AN ORION FLUORIDE ELECTRODE AND A MODEL 401 ORION SPECIFIC ION METER.

PRIOR TO MEASUREMENT AN ALIQUOT OF THE SAMPLE WAS MIXED WITH AN EQUAL VOLUME OF A MODIFIED TISAB SOLUTION (TOTAL IONIC STRENGTH ADJUSTMENT BUFFER). THE MODIFICATION CONSISTED OF ADDING 60 ML 8M KOH SOLUTION TO THE BUFFER. THIS PERMITTED THE RE-ANALYSIS OF FLUORIDE IN ACIDIFIED WATER SAMPLES WHEN REQUIRED. WHEN THIS ANALYSIS WAS REQUIRED, ACIDIFIED STANDARD SOLUTIONS WERE USED FOR CALIBRATION.

HYDROGEN ION ACTIVITY (PH) WAS MEASURED WITH A BECKMAN COMBINATION ELECTRODE AND A MODEL 401 ORION SPECIFIC ION METER.

ON RECEIPT, FIELD AND ANALYTICAL DATA WERE PUNCHED ONTO 80 COLUMN CARDS AND ALL SUBSEQUENT PROCESSING WAS CARRIED OUT WITH THE AID OF COMPUTERS. THE FIELD DATA WERE RECORDED BY THE FIELD CONTRACT STAFF ONTO STANDARD LAKE SEDIMENT FIELD CARDS (REV. 74) USED BY THE GEOLOGICAL SURVEY OF CANADA (GARRETT, 1974). THE SAMPLE SITE POSITIONS WERE MARKED ON APPROPRIATE 1/250,000 SCALE NTS MAPS IN THE FIELD. THESE MAPS WERE DIGITIZED AT THE GEOLOGICAL SURVEY IN OTTAWA TO OBTAIN THE SAMPLE SITE UTM COORDINATES. THE DOMINANT ROCK TYPES IN THE LAKE CATCHMENT BASINS WERE IDENTIFIED ON APPROPRIATE GEOLOGICAL MAPS USED AS THE BEDROCK GEOLOGICAL BASE ON NGR MAPS.

THE ANALYTICAL DATA WERE RECORDED AS FOLLOWS (SEE GARRETT, 1974, FOR DETAILS) AND FOR CONVENIENCE THE DETECTION LIMITS OF THE ANALYTICAL METHODS USED ARE ALSO GIVEN-

ELEMENT	ANAL. CARD	COLUMNS	DETECTION LIMIT	
SEDIMENT				
ZN	1	21-25	2	1
CU	1	26-30	2	1
PB	1	31-35	2	1
NI	1	36-40	2	1
CO	1	41-45	2	1
AG	1	46-50	0.2	0.1
MN	1	51-55	5	2
AS	1	56-60	1	0.5
MO	1	61-65	2	1
FE %	1	66-70	0.02	0.01
HG PPB	1	71-75	10	5
LOI %	1	76-79	1.0	0.5
U	2	21-25	0.2	0.1
WATER				
U PPB	3	21-25	0.01	0.005
F PPB	3	26-30	20	10

UNLESS OTHERWISE NOTED THE UNITS OF MEASUREMENT FOR THE ANALYSES ARE PPM. THE SECOND FIGURE UNDER DETECTION LIMIT IS THE FIGURE TO WHICH VALUES WERE ARBITRARILY SET IF THEY FELL BELOW THE DETECTION LIMIT.

GENERAL INSPECTIONS OF THE FIELD AND ANALYTICAL DATA WERE MADE TO CHECK FOR ANY MISSING INFORMATION AND/OR GROSS ERRORS. THE SAMPLE SITE COORDINATES WERE CHECKED BY PLOTTING SAMPLING LOCATION MAPS ON A FLAT-BED PLOTTER FROM THE DIGITIZED COORDINATES AND THEN OVERLAYING THESE OVER THE FIELD CONTRACTOR'S SAMPLE LOCATION BASE MAPS.

QUALITY CONTROL AND MONITORING OF THE GEOLOGICAL DATA WAS UNDERTAKEN BY A STANDARD METHOD USED BY THE GEOCHEMISTRY SECTION AT THE GEOLOGICAL SURVEY OF CANADA.

REFERENCES

- BOULANGER, A., EVANS, D.J.R. AND RABY, B.F. (1975) URANIUM ANALYSIS BY NEUTRON ACTIVATION DELAYED NEUTRON COUNTING: PROC. OF THE 7TH ANNUAL SYMP. OF CANADIAN MINERAL ANALYSTS. THUNDER BAY, ONTARIO. SEPT. 22-23. 1975.
- GARRETT, R.G. (1974) FIELD DATA ACQUISITION METHODS FOR APPLIED GEOCHEMICAL SURVEYS AT THE GEOLOGICAL SURVEY OF CANADA: GEOL SURV. CAN. PAPER 74-52
- JONASSON, I.R., LYNCH, J.J. AND TRIP, L.J. (1973) FIELD AND LABORATORY METHODS USED BY THE GEOLOGICAL SURVEY OF CANADA IN GEOCHEMICAL SUEVEYS: NO. 12, MERCURY IN ORES, ROCKS, SOILS, SEDIMENTS AND WATER: GEOL. SURV. CAN. PAPER 73-21.

DATA LIST LEGEND

MAP-	NATIONAL TOPOGRAPHIC SYSTEM(NTS)- LETTERED QUADRANGLE (SCALE 1:250000). PART OF SAMPLE NUMBER	ROCK TYPE:	AKRK- ALKALIC ROCK DIBS- DIABASE GRNT- GRANITE GRNG- GRANITE GNEISS GRDR- GRANODIORITE QZFP- QUARTZ FELDSPAR PORPHYRY MGMT- MIGMATITE UMFC- ULTRAMAFIC CGLM- CONGLOMERATE GRCK- GRAYWACKE SCST- SCHIST GRSC- GARNET SCHIST AEXV- ACID EXTRUSIVE BEXV- BASIC EXTRUSIVE
SAMPLE-	REMAINDER OF SAMPLE NUMBER- YEAR(2), FIELD CREW(1), SAMPLE SEQUENCE NUMBER(3)		
UTM COORDINATES-	UNIVERSAL TRANVERSE MERCATOR(UTM) COORDINATE SYSTEM- SAMPLE COORDINATES		
ZN-	ZONE		
EAST-	EASTING(METERS)		
NORTH-	NORTHING(METERS)		
ROCK TYPE-	MAJOR ROCK TYPE OF LAKE CATCHMENT AREA	LAKE AREA:	POND- POND LT 1- 1/4 TO 1 SQ KM 1-5- 1 TO 5 SQ KM GT 5- GREATER THAN 5 SQ KM
LAKE AREA-	AREA OF LAKE SAMPLED		
SMP DTH-	SAMPLE DEPTH MEASURED TO THE NEAREST FOOT		
RP ST-	REPLICATE STATUS- RELATIONSHIP OF SAMPLE WITH RESPECT TO OTHERS WITHIN THE SURVEY	RP ST:	00- ROUTINE REGIONAL SAMPLE 10- FIRST OF FIELD DUPLICATE 20- SECOND OF FIELD DUPLICATE 70- CELL DUPLICATE SITE SAMPLE
REL-	RELIEF OF THE SURROUNDING LAKE CATCHMENT BASIN		
GEL-	PRESENCE OF AN ORGANIC GEL OR GYTTJA	REL:	L- LOW M- MEDIUM H- HIGH
CONT-	CONTAMINATION- HUMAN OR NATURAL(WORK-DRILL/TRENCH, CAMP, FUEL OR GOSSAN)		
SAMP COLOR-	SEDIMENT COLOUR		
SUSP-	SUSPENDED MATTER	GEL:	BLANK- ABSENT
ZN-	ZINC BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
CU-	COPPER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
PB-	LEAD BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	CONT:	BLANK- NONE 1- PRESENT
NI-	NICKEL BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
CO-	COBALT BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
AG-	SILVER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
MN-	MANGANESE BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	SAMP COLOR:	TN- TAN YL- YELLOW GN- GREEN GY- GREY BR- BROWN BK- BLACK
AS-	ARSENIC COLORIMETRICALLY(PPM)		
MO-	MOLYBDENUM BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)		
FE-	IRON BY ATOMIC ABSORPTION SPECTROSCOPY(%)		
HG-	MERCURY BY FLAMELESS SPECTROSCOPY(PPB)		
LOI-	LOSS ON IGNITION BY WEIGHT DIFFERENCE(%)		
U-	URANIUM BY DELAYED NEUTRON ACTIVATION(PPM)		
U-W-	URANIUM IN WATERS BY FISSION TRACK(PPB)	SUSP:	BLANK- NONE L- LIGHT H- HEAVY
F-W-	FLUORINE IN WATERS BY SPECIFIC ION ELECTRODE(PPB)		
PH-	PH BY COMBINATION GLASS - CALOMEL ELECTRODE		

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E L F	C E L T	S O L T	SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST																									
42D	771002	16	431717	5425512	DIBS POND	3	00	H	1	BR	L	60	48	6	16	6	0.1	55	0.5	1	0.45	120	48.6	0.8	0.005	40	6.0	
42D	771003	16	434948	5426735	DIBS POND	18	00	M		BR	L	76	52	3	15	5	0.1	60	0.5	2	0.70	130	45.2	1.0	0.005	30	5.3	
42D	771004	16	439112	5426367	GRNT LT 1	3	00	H	1	BR		78	28	10	20	7	0.1	70	0.5	4	0.45	110	40.0	4.5	0.210	52	5.4	
42D	771005	16	441683	5423389	GRNT LT 1	42	00	H	1	BR		144	28	4	10	7	0.1	145	0.5	4	0.95	180	53.4	7.8	0.040	40	5.8	
42D	771006	16	443648	5425361	GRNT POND	21	00	H		BR		130	28	6	11	4	0.1	75	0.5	4	1.10	150	56.6	4.5	0.060	44	5.4	
42D	771007	16	445175	5425932	GRNG 1-5	65	00	H		BR	GN	194	56	4	14	19	0.1	1300	0.5	5	3.00	190	50.2	6.4	0.050	50	6.4	
42D	771008	16	446509	5423348	GRNG 1-5	105	00	H		BR	GN	200	68	6	17	45	0.2	2200	1.0	3	6.45	150	47.8	4.9	0.010	60	6.5	
42D	771009	16	448843	5424125	GRNG POND	43	00	H	1	BR		196	58	6	22	21	0.1	490	0.5	6	1.80	190	57.6	8.9	0.160	52	6.6	
42D	771010	16	453615	5423506	GRNT 1-5	61	00	H	1	BR	GN	225	34	6	10	9	0.1	335	0.5	4	1.65	190	53.8	8.9	0.080	62	6.6	
42D	771011	16	453698	5424788	GRNT POND	21	70	H	1	BR	GN	156	34	5	12	10	0.1	180	0.5	4	0.85	180	61.2	4.7	0.060	60	6.5	
42D	771012	16	454708	5426212	GRNT LT 1	82	10	H		BR	GN	210	34	5	16	44	0.1	940	0.5	5	3.20	180	53.0	4.2	0.030	46	6.3	
42D	771013	16	454708	5426212	GRNT LT 1	82	20	H		BR	GN	210	34	5	20	44	0.1	2600	0.5	5	3.35	150	53.6	4.9	0.020	50	6.4	
42D	771014	16	456839	5424373	GRNT LT 1	73	00	H		BR	GN	240	68	9	19	11	0.1	570	0.5	8	2.25	130	49.6	9.7	0.080	58	6.5	
42D	771015	16	460095	5426498	GRNT LT 1	5	00	H	1	BR	GN	138	52	6	22	19	0.1	465	0.5	6	2.05	110	35.2	10.2	0.160	62	6.5	
42D	771016	16	465430	5426804	GRNT LT 1	11	00	H		BR	GN	96	18	3	20	14	0.1	280	0.5	1	1.05	70	9.4	3.3	0.080	50	6.9	
42D	771017	16	468752	5424356	GRNT LT 1	58	00	H	1	BR	GN	124	20	7	14	6	0.1	130	0.5	2	0.95	160	57.2	4.4	0.080	58	5.9	
42D	771018	16	470304	5426026	GRNT 1-5	95	00	H	1	BR	GN	194	48	6	18	22	0.1	790	0.5	6	1.90	150	42.4	3.5	0.005	68	6.4	
42D	771020	16	475732	5427048	BEXV LT 1	26	00	H		BR	GN	255	66	6	17	12	0.1	200	0.5	1	1.15	160	45.0	1.3	0.005	38	6.8	
42D	771022	16	477478	5425739	BEXV LT 1	110	70	H		BR	GN	168	88	4	18	28	0.2	605	1.0	8	1.90	170	48.6	1.6	0.005	40	6.6	
42D	771023	16	479841	5425791	UMFC POND	6	10	H		BR	GN	385	600	3	45	21	0.3	115	0.5	15	0.85	200	61.6	1.9	0.005	44	6.9	
42D	771024	16	479841	5425791	UMFC POND	6	20	H		BR	GN	460	805	3	45	23	0.2	110	1.0	15	0.95	180	58.8	2.2	0.005	44	6.9	
42D	771025	16	484031	5424324	GRNT POND	13	00	H		BR	GN	160	44	25	19	13	0.1	210	4.0	4	1.05	160	43.0	2.4	0.005	50	6.5	
42D	771026	16	487163	5425967	GRNT LT 1	16	00	H		BR	GN	124	66	5	30	15	0.1	135	0.5	4	0.95	150	47.8	1.3	0.005	48	6.5	
42D	771027	16	489958	5424792	GRNT POND	23	00	H	1	BR	GN	112	66	2	16	13	0.1	155	1.0	8	0.80	160	42.4	6.0	0.020	56	6.6	
42D	771028	16	493504	5422642	UMFC POND	15	00	H	1	BR	GN	84	82	9	17	14	0.1	185	5.0	6	1.60	90	29.6	2.1	0.160	50	8.1	
42D	771029	16	492599	5419452	AEXV POND	48	00	H	1	BR	GN	152	30	4	13	7	0.1	165	1.5	4	0.90	170	51.2	1.3	0.005	44	6.2	
42D	771030	16	489153	5419919	GRNT LT 1	26	00	H		BR	GN	120	22	9	15	10	0.1	185	0.5	2	1.15	150	36.8	2.5	0.005	48	6.3	
42D	771031	16	487471	5417495	GRNT POND	31	00	H		BR	GN	118	32	6	11	8	0.1	155	0.5	3	0.75	180	54.8	4.8	0.070	48	6.4	
42D	771032	16	485841	5413877	GRNT LT 1	48	00	H	1	BR	GN	168	38	7	21	10	0.1	395	0.5	5	2.00	120	26.8	11.8	0.005	54	6.8	
42D	771033	16	484558	5411209	GRNT LT 1	43	00	H		BR	GN	90	36	2	35	6	0.1	80	0.5	4	0.65	140	51.2	1.4	0.060	50	6.6	
42D	771034	16	481746	5407533	UMFC POND	4	00	H		BK	BR	106	100	6	19	7	0.1	135	0.5	1	0.75	160	38.0	1.2	0.005	36	7.3	
42D	771035	16	479459	5406115	CGLM POND	11	00	H		BR	GN	114	82	2	27	7	0.1	75	0.5	1	0.95	150	34.4	1.1	0.005	50	7.5	
42D	771036	16	478819	5407610	GRNT LT 1	23	00	H	1	BR	GN	L 180	30	3	16	13	0.1	370	0.5	5	1.90	110	37.2	4.5	0.020	56	6.9	
42D	771037	16	476581	5408357	GRNT LT 1	13	00	H	1	BR	GN	200	34	7	19	13	0.1	275	0.5	6	1.65	130	47.6	9.7	0.010	58	6.7	
42D	771038	16	475598	5411371	GRNT LT 1	61	00	H	1	BR	GN	152	26	9	11	21	0.1	690	0.5	5	3.05	210	62.6	10.5	0.070	70	6.5	
42D	771039	16	472647	5408991	GRNT 1-5	29	00	H	1	BR	GN	245	32	3	25	14	0.1	730	0.5	6	2.70	130	27.2	13.2	0.080	64	7.0	
42D	771042	16	471768	5411179	GRNT 1-5	71	00	H	1	BR	GN	290	44	4	20	29	0.1	2350	0.5	12	4.30	150	33.0	8.3	0.120	62	7.0	
42D	771043	16	471961	5414239	GRNT LT 1	10	00	H		BR	GN	240	30	6	20	17	0.1	135	0.5	7	1.20	180	61.0	15.5	0.130	70	6.0	
42D	771044	16	469003	5414564	GRNT 1-5	31	00	H	1	BR	GN	164	34	5	14	39	0.1	880	0.5	7	1.95	180	45.6	6.0	0.070	60	6.6	
42D	771045	16	468942	5412456	GRNT POND	18	70	H	1	BR	GN	164	26	4	14	9	0.1	160	0.5	2	1.10	170	53.8	9.3	0.070	96	6.6	
42D	771046	16	468623	5410845	GRNT POND	11	10	H		BR	GN	132	22	8	13	10	0.1	65	0.5	3	0.80	110	51.6	12.4	0.080	170	7.1	
42D	771047	16	468623	5410845	GRNT POND	11	20	H		BR	GN	110	18	10	12	9	0.1	100	0.5	5	0.95	130	49.0	10.5	0.120	160	7.1	
42D	771048	16	461182	5409889	GRNT POND	18	00	H		BR	GN	144	32	10	16	9	0.1	145	0.5	7	0.95	210	53.6	9.6	0.100	220	7.1	
42D	771049	16	461967	5411930	GRNT POND	4	00	H	1	BR	GN	120	18	11	16	8	0.1	120	0.5	2	0.70	150	49.2	5.4	0.210	120	7.2	
42D	771050	16	432106	5423338	DIBS POND	4	00	H		BR		124	40	6	14	5	0.1	20	0.5	1	0.50	140	34.8	1.4	0.020	44	6.1	
42D	771051	16	440968	5422770	GRNT POND	61	00	H	1	BR	GN	194	26	6	13	10	0.1	245	0.5	3	1.20	160	54.2	8.2	0.140	58	6.1	
42D	771052	16	448879	5422454	GRNT POND	12	00	H		BR	GN	L 170	26	4	18	15	0.1	160	0.5	2	1.10	130	45.6	10.3	0.090	50	5.9	
42D	771053	16	451700	5418300	GRNT POND	4	00	H	1	BR		132	18	5	11	7	0.1	55	0.5	2	0.55	110	44.0	11.5	0.700	100	7.6	
42D	771055	16	452470	5415155	GRNT POND	45	00	H		BR	GN	L 250	28	38	10	17	0.2	1200	0.5	4	1.95	220	57.6	18.2	0.210	150	6.9	
42D	771056	16	453979	5416024	GRNT LT 1	26	00	H	1	BR	GN	205	26	14	13	8	0.1	375	0.5	3	1.10	160	43.4	14.5	0.140	210	7.1	

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506. NGR 17-1977. NTS 42D. 42E(S/2)

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	S U P P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
									F	L	T																		
42D	771057	16	453389	5418643	GRNT LT 1		35	00	H			BR GN	275	30	10	17	44	0.1	1350	0.5	9	3.30	170	47.6	22.9	0.140	70	6.6	
42D	771058	16	453964	5420666	GRNT LT 1		12	00	H			BR GN	L 124	20	13	10	9	0.1	155	0.5	1	0.80	150	38.2	10.9	0.190	68	6.2	
42D	771059	16	457735	5421880	GRNT POND		70	00	H			BR GN	L 134	54	13	11	3	0.2	80	0.5	4	0.90	290	65.4	13.1	0.240	70	5.3	
42D	771060	16	458810	5420827	GRNT LT 1		103	00	H			BR GN	245	64	19	11	13	0.2	920	0.5	10	2.60	230	54.4	28.9	0.140	110	6.2	
42D	771062	16	457205	5418524	GRNT LT 1		67	70	H			BR GN	178	34	14	10	5	0.2	95	0.5	4	0.90	220	51.4	14.4	0.480	90	5.8	
42D	771063	16	458721	5418320	GRNT POND		35	10	H			BR GN	L 215	46	34	9	10	0.2	220	0.5	4	1.35	230	60.0	20.7	0.230	140	6.1	
42D	771064	16	458721	5418320	GRNT POND		35	20	H			BR GN	L 205	44	34	10	22	0.1	340	0.5	5	2.80	210	61.4	20.9	0.300	150	6.7	
42D	771065	16	460945	5414601	GRNT POND		21	00	H			BR GN	L 174	58	8	20	11	0.1	340	0.5	5	2.10	190	49.4	14.8	0.370	66	6.2	
42D	771066	16	463738	5413147	GRNT POND		40	00	H		1	BR GN	200	36	6	11	10	0.1	360	0.5	6	1.35	150	52.6	13.8	0.060	74	6.9	
42D	771067	16	463223	5415562	GRNT LT 1		48	00	H		1	BR GN	172	26	11	10	11	0.1	230	0.5	4	1.55	200	53.6	6.8	0.080	60	6.1	
42D	771068	16	463594	5422660	GRNT GT 5		46	00	H		1	BR GN	250	42	6	35	28	0.1	840	0.5	5	3.25	140	25.6	6.9	0.070	54	6.8	
42D	771069	16	466010	5419346	GRNT LT 1		22	00	H			BR GN	150	38	9	12	6	0.2	75	0.5	3	0.80	180	14.4	3.5	0.010	56	5.9	
42D	771070	16	467327	5419842	GRNT POND		35	00	H			BR GN	148	32	6	10	10	0.1	175	0.5	3	1.20	190	53.8	3.0	0.010	50	5.9	
42D	771072	16	468299	5421241	GRNT LT 1		70	00	H			BR GN	210	28	9	14	51	0.1	935	0.5	8	2.90	200	57.8	4.1	0.050	60	6.3	
42D	771073	16	470347	5421904	GRNT POND		61	00	H			BR GN	184	20	7	12	6	0.1	165	0.5	1	2.45	220	62.8	4.7	0.080	56	5.9	
42D	771074	16	472056	5418099	GRNT LT 1		52	00	H		1	BR	235	40	9	17	14	0.1	235	0.5	2	0.90	250	51.2	3.3	0.040	58	6.5	
42D	771075	16	475370	5417881	GRNT 1-5		94	00	H		1	BR GN	146	30	12	14	26	0.1	800	0.5	4	1.75	230	39.4	4.6	0.070	64	6.4	
42D	771076	16	475260	5416173	GRNT 1-5		36	00	H		1	BR GN	178	24	4	18	22	0.1	920	0.5	6	2.30	200	25.4	4.1	0.040	70	6.5	
42D	771077	16	477831	5415996	GRNT POND		20	00	H			BR GN	162	32	6	35	14	0.1	60	0.5	4	0.50	200	50.6	3.5	0.030	100	6.1	
42D	771078	16	478769	5418259	GRNT LT 1		19	00	H			BR GN	158	38	5	21	8	0.1	185	0.5	3	0.85	180	47.2	7.5	0.005	68	6.6	
42D	771079	16	483300	5415031	BEXV LT 1		19	00	H			BR GN	L 116	26	4	14	5	0.1	90	0.5	1	0.50	150	44.8	2.3	0.010	54	5.8	
42D	771080	16	481501	5411973	BEXV POND		4	00	H			BR GN	205	32	9	25	13	0.1	100	0.5	2	0.45	170	56.8	1.4	0.010	48	6.3	
42D	771082	16	479862	5411828	GRNT LT 1		29	70	H			BR GN	188	26	8	17	7	0.1	115	0.5	1	0.50	250	48.6	1.8	0.005	44	6.5	
42D	771083	16	480089	5410214	BEXV POND		28	10	H			BR GN	L 235	62	5	17	10	0.1	85	0.5	1	0.60	250	47.6	2.0	0.005	38	7.0	
42D	771084	16	480089	5410214	BEXV POND		28	20	H			BR GN	L 260	64	5	17	10	0.1	80	0.5	1	0.75	260	48.0	1.8	0.005	54	7.1	
42D	771085	16	483432	5402903	GRNT POND		20	00	H			BR GN	194	32	9	17	7	0.1	120	0.5	2	0.75	240	53.6	6.4	0.100	56	6.6	
42D	771087	16	489000	5406687	BEXV POND		41	00	M			GN	194	28	5	17	4	0.1	80	0.5	3	0.65	120	70.4	3.9	0.010	50	7.9	
42D	771088	16	489016	5415107	GRNT LT 1		79	00	H			BR GN	180	40	13	17	15	0.1	270	0.5	3	1.20	250	52.0	4.8	0.030	48	6.6	
42D	771089	16	482234	5419113	GRNT POND		92	00	H			BK	210	46	4	10	44	0.1	1500	0.5	6	6.75	200	56.8	7.4	0.040	54	7.1	
42D	771090	16	479723	5422414	GRNT 1-5		58	00	H		1	BR GN	126	66	7	16	15	0.1	265	0.5	4	1.35	190	31.0	2.5	0.010	46	6.7	
42D	771091	16	481788	5422664	GRNT LT 1		71	00	H		1	BR GN	110	40	25	15	17	0.2	285	1.5	3	1.35	210	48.8	2.2	0.010	46	6.5	
42D	771092	16	485635	5422431	GRNT LT 1		22	00	H			BR GN	136	20	7	18	7	0.1	90	0.5	1	0.50	280	55.8	2.1	0.005	48	6.4	
42D	771093	16	488772	5422461	GRNT LT 1		23	00	H			BR GN	106	12	4	13	11	0.1	240	1.0	1	1.40	170	16.8	1.9	0.010	46	6.4	
42D	771094	16	496804	5422214	GRNT POND		51	00	H			BR GN	178	70	6	20	21	0.1	265	1.0	11	1.90	120	63.0	1.3	0.005	38	6.3	
42D	771095	16	496596	5425053	BEXV LT 1		55	00	H			BR GN	215	90	4	31	69	0.1	1000	1.0	15	1.90	210	39.8	2.4	0.005	40	6.4	
42D	771096	16	500475	5426331	BEXV POND		30	00	H		1	BR GN	164	142	4	17	22	0.1	485	1.0	4	1.35	210	51.2	4.3	0.005	40	7.1	
42D	771097	16	504249	5425259	BEXV 1-5		140	00	H			BR GN	220	76	8	37	56	0.1	2250	0.5	5	4.80	190	41.0	10.7	0.120	48	6.6	
42D	771098	16	506823	5424447	BEXV LT 1		4	00	H			BR GN	L 152	30	7	36	15	0.1	65	0.5	1	0.50	200	56.2	15.1	0.380	52	6.7	
42D	771099	16	511267	5425608	GRNT POND		11	00	H			BR GN	172	24	4	22	19	0.1	265	0.5	1	1.25	150	49.2	9.2	0.080	62	6.5	
42D	771100	16	514554	5425002	GRNT LT 1		18	00	H			BR GN	124	24	5	23	11	0.1	150	0.5	1	0.95	200	44.0	8.0	0.170	62	6.9	
42D	771102	16	511363	5423004	GRNT LT 1		20	70	H			BR GN	210	38	8	31	12	0.1	245	1.0	4	0.75	160	55.0	13.3	0.090	54	7.0	
42D	771103	16	512319	5421082	GRNT 1-5		3	10	H		1	GY H	124	18	6	36	12	0.1	245	0.5	1	1.40	140	17.8	3.9	0.370	76	7.9	
42D	771104	16	512319	5421082	GRNT 1-5		3	20	H		1	GY H	148	18	6	39	13	0.1	265	0.5	2	1.45	130	16.6	4.4	0.380	82	7.0	
42D	771105	16	507211	5419378	BEXV LT 1		41	00	H			BR GN	140	58	3	20	7	0.1	235	0.5	2	0.95	200	41.8	5.4	0.060	70	7.4	
42D	771107	16	506153	5421180	GRNT 1-5		10	00	H			BR GN	136	36	9	29	9	0.1	70	17.0	2	0.50	170	47.8	5.9	0.080	62	6.8	
42D	771108	16	504794	5421180	BEXV POND		34	00	H			BR GN	108	44	6	19	7	0.1	100	1.0	2		180	47.0	2.0	0.005	46	7.8	
42D	771109	16	501785	5421423	GRNG LT 1		28	00	H			BR GN	138	30	6	23	15	0.1	195	0.5	3	1.00	140	33.0	7.3	0.220	62	6.0	
42D	771110	16	504085	5419094	AEXV POND		21	00	H			BR GN	164	98	2	32	16	0.2	100	1.0	4	1.25	180	54.4	4.8	0.030	66	5.7	
42D	771111	16	501663	5417213	BEXV POND		3	00	H			BR GN	106	34	7	27	6	0.1	40	0.5	2	0.45	140	50.4	1.5	0.010	48	5.0	
42D	771112	16	501033	5415584	AEXV POND		33	00	H			BR GN	375	84	8	30	21	0.1	425	0.5	6	1.40	210	55.2	3.5	0.020	56	6.6	

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C S E G O L E N			SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		EAST	NORTH					F	L	T																		
42D	771113	16	498368	5418670	GRNG	POND	22	00	H		BR GN	L	78	42	2	18	7	0.1	195	0.5	10	0.85	90	40.8	4.7	0.340	80	5.1
42D	771114	16	497988	5413738	BEXV	POND	95	00	H		BK GN		235	64	1	75	84	0.1	47000	0.5	4	7.70	100	47.0	1.1	0.005	40	7.5
42D	771115	16	490916	5412831	BEXV	LT 1	10	00	H		BR GN		215	74	3	29	15	0.1	450	0.5	2	1.10	100	46.0	1.4	0.005	40	7.5
42D	771116	16	493538	5408761	GRNT	POND	40	00	H	1	BR GN		132	48	3	17	12	0.1	525	0.5	7	1.45	120	32.8	5.7	0.200	80	7.7
42D	771117	16	493435	5411022	BEXV	POND	7	00	H	1	BR GN		144	116	4	28	6	0.1	90	1.0	3	0.50	120	58.6	1.1	0.005	36	7.5
42D	771118	16	495966	5411728	BEXV	POND	17	00	H	1	BR GN		122	52	4	15	5	0.1	60	0.5	6	0.60	90	59.4	2.4	0.005	42	7.7
42D	771119	16	499349	5411439	AEXV	POND	7	00	H	1	BK		130	44	4	19	39	0.1	1350	0.5	2	3.35	140	44.6	2.4	0.005	54	7.4
42D	771120	16	497616	5407676	GRNT	POND	27	00	H	1	BR GN		110	22	19	24	12	0.1	445	0.5	1	2.00	120	28.2	3.5	0.020	84	7.5
42D	771122	16	497174	5405474	GRNT	POND	17	00	H	1	BR GN		108	20	7	17	7	0.1	180	0.5	1	0.95	130	50.4	7.1	0.080	100	7.0
42D	771123	16	501654	5407460	GRNT	LT 1	45	70	H	1	BR GN		166	24	8	23	13	0.1	590	0.5	2	1.95	100	40.2	8.3	0.010	78	7.0
42D	771124	16	501010	5408352	GRNT	POND	58	10	H		BR GN	L	198	28	8	20	11	0.1	740	1.0	3	1.90	120	52.2	6.1	0.010	94	6.8
42D	771125	16	501010	5408352	GRNT	POND	58	20	H		BR GN	L	285	34	7	26	15	0.1	940	8.0	3	2.15	120	51.0	8.0	0.010	88	6.8
42D	771126	16	504743	5407992	GRNG	LT 1	22	00	H	1	BR GN	L	118	36	11	29	12	0.1	330	0.5	2	2.45	80	14.8	3.1	0.090	62	7.2
42D	771127	16	506376	5405622	BEXV	1-5	120	00	H	1	GY	L	100	42	23	37	13	0.1	630	1.0	2	2.70	80	13.6	2.5	0.080	66	8.0
42D	771129	16	506756	5404065	BEXV	LT 1	27	00	H	1	BR GN	L	230	96	4	37	19	0.1	530	7.0	4	2.50	130	45.2	1.4	0.010	46	7.2
42D	771130	16	509547	5402217	GRCK	1-5	35	00	H	1	BR GN		194	76	4	56	13	0.1	465	1.0	2	3.25	170	25.4	2.3	0.005	48	7.6
42D	771131	16	511322	5401631	BEXV	POND	10	00	H		BR GN		152	84	18	29	13	0.1	170	0.5	1	0.95	200	51.4	0.9	0.005	46	7.1
42D	771132	16	512502	5405257	BEXV	POND	34	00	H		BR GN	L	184	128	5	68	21	0.1	435	0.5	2	1.55	160	50.0	1.4	0.005	40	7.1
42D	771133	16	508658	5407479	BEXV	GT 5	28	00	H	1	BR	L	78	22	3	23	10	0.1	920	1.0	1	1.90	70	6.6	3.2	0.170	62	7.7
42D	771134	16	507177	5411143	AEXV	LT 1	25	00	H	1	BK GY		235	56	8	23	8	0.1	190	0.5	2	1.35	70	28.2	2.1	0.010	40	7.2
42D	771135	16	504909	5412265	AEXV	LT 1	71	00	H		BR GN		245	58	7	19	20	0.1	605	0.5	4	1.95	240	59.0	6.0	0.080	44	6.9
42D	771136	16	503403	5414627	AEXV	POND	59	00	H		BR GN		315	48	9	32	52	0.1	700	0.5	7	2.75	200	59.6	3.0	0.005	48	6.8
42D	771137	16	507144	5416083	GRNT	POND	6	00	H		BR GN		152	32	18	31	11	0.2	110	0.5	1	1.00	150	44.2	5.5	0.100	72	6.8
42D	771138	16	510515	5414467	GRNT	POND	39	00	H		BR GN		360	30	12	23	12	0.2	290	0.5	2	1.35	200	51.0	13.5	0.250	76	7.2
42D	771139	16	510830	5411463	AEXV	LT 1	38	00	H		BR GN		350	34	7	28	15	0.1	775	0.5	3	3.90	180	36.6	9.0	0.050	58	7.4
42D	771140	16	512083	5407952	AEXV	LT 1	38	00	H		BR GN		172	38	24	21	11	0.1	545	0.5	5	1.45	160	47.8	1.9	0.020	44	7.0
42D	771142	16	515289	5408991	AEXV	POND	10	00	H		BR GN		525	56	12	30	14	0.1	540	0.5	2	1.65	150	35.6	1.6	0.010	38	6.8
42D	771143	16	513895	5409664	AEXV	POND	69	70	H		BK	L	205	30	7	13	31	0.2	2650	2.5	4	6.40	160	60.4	1.0	0.040	36	6.6
42D	771144	16	515166	5411150	GRCK	LT 1	58	10	H		BR GN		340	42	21	46	67	0.1	2000	1.0	5	4.90	240	43.0	4.7	0.040	52	6.7
42D	771145	16	515166	5411150	GRCK	LT 1	58	20	H		BR GN		305	34	23	43	68	0.1	1700	2.0	6	4.90	250	42.2	4.2	0.005	60	6.6
42D	771146	16	517818	5410586	GRNG	POND	4	00	H		GY TN	H	68	16	8	18	9	0.1	305	1.0	1	1.75	80	9.4	2.0	0.430	170	7.5
42D	771147	16	518932	5408644	AEXV	LT 1	78	00	H		BR GN		410	78	16	28	20	0.1	1400	4.0	5	3.05	100	23.4	2.9	0.010	38	7.4
42D	771148	16	522158	5409969	GRCK	1-5	47	00	H		BR GN		290	50	6	46	19	0.1	520	0.5	4	2.00	170	41.6	2.5	0.060	64	7.0
42D	771149	16	521243	5408430	GRCK	POND	21	00	H	1	BR GN		415	48	4	112	47	0.1	415	3.0	2	4.00	120	35.2	1.6	0.005	52	6.7
42D	771150	16	526604	5404849	AKRK	POND	60	00	H		BR GN		118	26	9	7	6	0.1	345	0.5	5	3.60	150	54.0	4.7	0.080	190	6.1
42D	771151	16	532224	5400950	AKRK	1-5	31	00	H		BR GN		148	26	7	22	14	0.1	940	1.0	3	2.75	50	22.0	6.4	0.060	230	7.0
42D	771152	16	535717	5400953	AKRK	POND	12	00	H		BR GN		126	58	6	23	12	0.1	240	0.5	2	1.25	110	38.6	2.4	0.005	150	6.9
42D	771153	16	537956	5403006	AKRK	POND	41	00	H		GY		148	36	12	37	17	0.1	1200	1.0	1	3.40	60	9.2	3.2	0.100	200	7.0
42D	771154	16	547172	5399510	AKRK	POND	6	00	H	1	BR GN		80	14	18	7	2	0.1	140	0.5	2	0.60	80	68.4	2.5	0.260	120	7.5
42D	771155	16	544793	5403832	AKRK	1-5	90	00	H	1	BR GN		210	50	9	16	11	0.1	1100	0.5	2	2.55	160	32.4	2.1	0.010	100	7.2
42D	771156	16	540262	5404469	AKRK	POND	18	00	H	1	BR GN		300	36	12	11	7	0.1	245	0.5	3	1.20	140	46.6	5.3	0.080	280	6.7
42D	771157	16	533461	5404570	AKRK	POND	80	00	H	1	BR GN		114	30	13	9	3	0.1	215	0.5	4	1.10	240	62.0	4.5	0.010	64	5.6
42D	771158	16	530728	5405446	AKRK	LT 1	62	00	H	1	BR GN		100	30	12	12	3	0.2	110	0.5	3	0.85	140	49.6	5.6	0.005	100	5.3
42D	771159	16	532989	5406738	AKRK	POND	58	00	H		BR GN		80	34	10	10	3	0.1	135	0.5	5	1.40	190	64.6	4.7	0.020	64	5.5
42D	771162	16	533945	5410086	AKRK	POND	5	00	H		BR GN	L	66	24	8	12	3	0.1	90	0.5	3	0.45	110	35.8	4.2	0.120	390	6.4
42D	771163	16	528582	5411933	GRNT	POND	21	00	H		BR GN		86	26	9	13	4	0.1	70	0.5	3	0.80	170	53.4	2.5	0.010	64	5.9
42D	771164	16	525283	5411256	GRNT	POND	5	00	H		BR GN		52	10	10	9	4	0.1	60	0.5	2	0.60	80	29.0	3.0	0.030	130	5.4
42D	771165	16	522025	5413849	GRNT	LT 1	18	00	H		BR GN		100	20	4	15	11	0.1	235	0.5	2	0.90	90	42.8	5.8	0.020	88	6.3
42D	771166	16	515066	5415316	GRNT	POND	11	00	H		BR GN		84	26	6	16	5	0.1	60	0.5	1	0.35	150	43.6	2.6	0.010	92	5.8
42D	771167	16	512210	5417101	GRNT	POND	12	00	M		BR GN		78	18	13	17	6	0.1	60	0.5	1	0.45	100	54.2	4.1	0.010	74	5.9

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST					NORTH	F	L																		
42D	771168	16	514434	5418570	GRNT	1-5	82	70	H		BR GN	L 138	46	32	33	22	0.2	385	0.5	2	0.90	90	43.0	3.2	0.010	78	6.1	
42D	771169	16	515518	5418254	BEXV	LT 1	31	10	H		BR GN	L 116	118	10	57	20	0.1	190	0.5	3	0.90	190	46.4	2.4	0.010	52	6.2	
42D	771170	16	515518	5418254	BEXV	LT 1	31	20	H		BR GN	L 108	102	7	47	19	0.1	170	0.5	1	1.00	160	47.0	2.3	0.060	58	6.3	
42D	771171	16	516439	5422085	GRNT	POND	11	00	H	1	BR GN	80	36	2	16	10	0.1	55	0.5	2	0.40	90	50.8	3.9	0.090	78	6.7	
42D	771172	16	519412	5421062	GRNT	LT 1	21	00	M		BR GN	70	66	4	14	6	0.1	80	0.5	3	0.65	130	60.4	1.9	0.010	80	6.5	
42D	771173	16	519537	5424598	GRNT	POND	29	00	H		BR GN	78	56	3	17	7	0.1	220	0.5	2	0.80	130	46.8	4.2	0.010	80	6.8	
42D	771175	16	524133	5426761	GRNT	POND	33	00	M		BR GN	68	46	4	17	8	0.1	215	1.0	2	0.85	140	50.6	2.7	0.005	60	7.2	
42D	771176	16	521691	5424849	GRNT	LT 1	6	00	H	1	BR GN	76	30	4	25	6	0.1	75	1.0	2	0.40	100	53.0	3.6	0.020	54	6.8	
42D	771177	16	523376	5422618	GRNG	POND	27	00	M		BR GN	50	18	7	13	6	0.1	425	1.0	2	1.30	60	17.2	1.5	0.080	150	7.7	
42D	771178	16	520867	5418706	GRNT	1-5	12	00	H	1	BR GY	58	16	7	16	7	0.1	540	0.5	1	1.65	70	6.8	1.6	0.040	92	7.5	
42D	771179	16	525397	5418990	GRNG	POND	11	00	H	1	BR GN	138	60	4	29	8	0.1	145	0.5	3	0.60	160	71.6	4.2	0.005	74	7.2	
42D	771180	16	527203	5414289	GRNG	LT 1	4	00	H	1	BR GY	54	14	7	12	8	0.1	320	0.5	1	1.05	50	11.4	2.1	0.150	110	7.3	
42D	771182	16	528274	5413998	GRNG	POND	15	70	H		BR GN	86	26	9	26	4	0.1	80	0.5	3	0.55	190	51.6	2.8	0.005	80	6.6	
42D	771183	16	528446	5415248	GRNG	POND	12	10	H		BR GN	70	24	9	15	6	0.1	85	0.5	2	0.35	120	43.0	1.7	0.005	84	6.3	
42D	771184	16	528446	5415248	GRNG	POND	12	20	H		BR GN	86	34	7	16	6	0.1	95	0.5	5	0.30	130	43.2	1.8	0.030	86	6.2	
42D	771185	16	534731	5414889	GRNT	POND	5	00	H		BR GN	64	18	12	8	2	0.1	60	0.5	1	0.30	120	40.0	1.8	0.005	100	5.0	
42D	771186	16	535935	5414445	BEXV	POND	27	00	H		BR GN	385	82	12	8	4	0.1	185	0.5	10	1.00	130	41.2	13.9	0.010	640	6.3	
42D	771187	16	538205	5409730	AKRK	1-5	52	00	H		BR GN	132	48	4	13	10	0.1	870	0.5	2	2.15	40	3.2	2.6	0.005	110	6.5	
42D	771188	16	537362	5408921	AKRK	LT 1	33	00	H		BR GN	270	102	8	22	20	0.1	1950	0.5	7	3.75	130	25.0	6.4	0.005	130	6.6	
42D	771189	16	541196	5407278	AKRK	LT 1	9	00	H		BR GN	186	66	27	15	10	0.1	240	1.0	4	1.95	170	49.6	3.3	0.010	120	5.8	
42D	771190	16	542962	5407231	AKRK	1-5	58	00	H		BR GN	285	28	13	10	12	0.1	2500	0.5	3	3.60	130	21.8	2.5	0.005	130	6.2	
42D	771191	16	546588	5404732	AKRK	POND	25	00	H		BR GN	184	18	4	9	7	0.1	285	0.5	2	1.35	120	41.8	1.5	0.005	90	5.3	
42D	771192	16	543599	5411597	AKRK	LT 1	45	00	H		BR GN	260	194	5	25	27	0.1	1050	0.5	3	3.10	210	38.2	2.4	0.005	84	6.3	
42D	771193	16	541600	5411968	AKRK	POND	11	00	H		BR GN	144	92	5	16	12	0.1	175	0.5	1	1.00	110	33.0	1.7	0.010	84	6.4	
42D	771195	16	539442	5414797	BEXV	1-5	34	00	H		BR GN	240	128	9	49	23	0.1	900	0.5	3	2.55	130	25.6	2.8	0.010	88	7.0	
42D	771196	16	536791	5416759	GRNG	POND	5	00	H		BR TN	L 152	38	10	19	12	0.1	850	0.5	3	2.15	80	26.4	2.5	0.030	110	6.9	
42D	771197	16	528086	5418450	GRNG	LT 1	58	00	H		GN TN	150	42	8	18	13	0.1	920	0.5	2	1.70	90	31.2	2.5	0.010	82	6.9	
42D	771198	16	527572	5421062	GRNG	LT 1	43	00	H		BR GN	L 220	26	2	19	13	0.1	930	0.5	3	2.40	70	34.6	2.9	0.010	76	6.9	
42D	771199	16	526922	5423224	GRNG	POND	4	00	H		BR GN	L 112	148	4	16	9	0.1	60	0.5	4	0.40	150	35.6	1.8	0.010	74	7.2	
42D	771200	16	530024	5425115	GRNG	POND	47	00	H		BR GN	136	42	6	13	7	0.1	165	0.5	3	0.60	150	55.8	1.8	0.005	68	6.6	
42D	773002	16	547011	5396456	AKRK	LT 1	22	00	M		BR GN	114	56	10	7	3	0.1	75	7.0	6	0.50	90	47.4	6.1	0.380	120	8.0	
42D	773003	16	550333	5389926	BEXV	LT 1	14	00	H		BR GN	106	56	2	22	7	0.1	140	0.5	2	0.80	130	54.0	1.4	0.005	56	6.6	
42D	773004	16	551975	5386731	AEXV	LT 1	11	00	H		BR GN	84	44	2	21	7	0.1	140	12.0	2	1.05	110	49.2	1.2	0.010	70	6.9	
42D	773005	16	553031	5383354	BEXV	POND	5	00	H		BR GN	72	46	12	24	12	0.1	120	10.0	1	0.90	130	35.8	2.1	0.030	82	6.6	
42D	773006	16	552018	5382565	BEXV	LT 1	21	00	H		GY GN	42	16	3	15	7	0.1	315	0.5	1	1.65	50	7.2	1.6	0.010	54	6.6	
42D	773007	16	554841	5380641	BEXV	GT 5	2	00	H		GY TN	20	12	1	7	3	0.1	190	0.5	1	0.55	40	2.0	0.8	0.140	64	8.0	
42D	773008	16	557941	5375591	GRNT	LT 1	32	00	H		BR	84	34	3	14	9	0.1	250	0.5	6	1.00	120	50.0	1.2	0.010	58	6.4	
42D	773009	16	557222	5370140	GRNT	POND	13	00	H		BR GN	130	36	3	14	10	0.1	200	0.5	1	1.80	90	49.4	1.3	0.010	54	7.0	
42D	773010	16	558151	5369335	GRNT	POND	8	70	M		BR GN	114	20	11	12	5	0.1	65	8.0	1	0.60	100	47.2	1.1	0.010	54	6.0	
42D	773011	16	559022	5368226	GRNT	LT 1	21	10	M		BR GN	78	26	4	14	8	0.1	160	0.5	1	1.10	110	38.8	1.7	0.010	54	7.0	
42D	773013	16	559022	5368226	GRNT	LT 1	21	20	M		BR GN	76	22	4	15	8	0.1	170	0.5	1	1.00	110	39.2	1.6	0.010	52	7.1	
42D	773014	16	558190	5365538	GRNT	POND	16	00	M		BR GN	122	34	3	22	14	0.1	120	0.5	2	1.40	90	59.2	2.1	0.005	70	6.7	
42D	773015	16	561571	5399932	GRDR	LT 1	8	00	H		BK	56	12	10	5	4	0.1	85	0.5	1	0.75	110	35.2	1.4	0.010	62	5.7	
42D	773016	16	565748	5401062	GRDR	1-5	20	00	M		BR GN	130	20	3	10	9	0.1	230	0.5	1	1.70	120	47.8	2.2	0.005	66	5.9	
42D	773017	16	568173	5403464	GRDR	POND	10	00	M		BR GN	94	20	6	10	9	0.1	50	0.5	2	0.65	120	62.0	1.5	0.005	58	5.6	
42D	773018	16	566470	5407104	GRNG	POND	5	00	M		BR GN	80	28	7	15	6	0.1	50	0.5	1	0.45	100	47.4	1.9	0.005	52	6.1	
42D	773019	16	569182	5408615	GRNG	LT 1	6	00	M		BR GN	108	28	5	12	3	0.1	40	0.5	1	0.25	100	59.8	2.7	0.040	52	6.9	
42D	773020	16	566755	5410804	GRNG	POND	10	00	M		BR GN	44	16	6	7	2	0.1	30	0.5	1	0.20	130	42.6	0.8	0.010	48	5.9	
42D	773022	16	569769	5411781	GRNG	1-5	43	00	H		BR GN	96	24	5	15	10	0.1	450	0.5	1	1.80	180	35.4	2.9	0.010	48	7.4	
42D	773023	16	568432	5414968	GRNG	POND	11	00	H		BR GN	76	38	2	11	4	0.1	40	0.5	1	0.25	140	56.8	2.3	0.005	48	7.2	

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506. NGR 17-1977. NTS 42D, 42E(S/2)

MAP	SAMPLE	ZN	EAST	NORTH	ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
									F	L	T																		
42D	773024	16	565413	5414373	GRNG LT 1	29	70	H	BR	GN		110	24	2	11	8	0.1	165	1.0	1	0.85	120	51.8	2.2	0.005	54	7.1		
42D	773025	16	564918	5415785	GRNG POND	11	10	M	BR	GN		66	30	3	13	5	0.2	45	0.5	1	0.35	160	47.4	2.3	0.005	60	6.9		
42D	773026	16	564918	5415785	GRNG POND	11	20	M	BR	GN		74	40	1	13	4	0.1	40	0.5	1	0.35	170	47.2	2.4	0.010	62	7.0		
42D	773027	16	566310	5417442	GRNG POND	6	00	H	BR	GN		40	18	5	9	4	0.1	120	1.0	1	0.85	110	19.4	1.2	0.050	52	7.9		
42D	773028	16	568591	5418822	GRDR LT 1	10	00	M	BR	GN		76	18	4	8	6	0.1	185	0.5	1	1.30	170	38.8	3.7	0.010	48	7.0		
42D	773029	16	566081	5422497	GRNG 1-5	25	00	H	BR	GN		86	22	5	18	12	0.1	375	0.5	1	1.90	150	35.6	2.2	0.010	60	7.1		
42D	773030	16	562289	5423537	GRNG POND	7	00	M	BR	GN		62	20	5	14	7	0.1	80	0.5	1	0.50	120	43.8	1.7	0.005	80	6.5		
42D	773031	16	563108	5424924	GRNG LT 1	9	00	H	BR	GN		88	26	3	19	9	0.1	80	2.0	2	0.60	110	52.8	1.8	0.005	64	6.4		
42D	773032	16	562373	5392582	BEXV LT 1	48	00	M	BR			80	18	7	11	5	0.1	530	0.5	1	1.65	130	38.0	1.7	0.005	52	7.9		
42D	773033	16	566492	5426128	GRDR POND	12	00	M	BR	GN		94	32	3	25	11	0.1	150	2.5	3	1.45	160	42.6	2.6	0.005	60	7.0		
42D	773034	16	567155	5425197	GRDR POND	15	00	M	BR	GN		76	16	6	16	7	0.1	190	19.0	1	1.60	120	45.4	1.8	0.020	60	7.3		
42D	773036	16	568615	5422505	GRNT POND	11	00	M	BR	GN		74	20	2	9	5	0.1	80	1.5	1	0.50	140	48.8	2.9	0.020	56	7.1		
42D	773037	16	572668	5422765	GRDR POND	4	00	M	BR	GN		100	22	10	10	4	0.1	60	1.5	1	0.35	120	67.0	1.5	0.005	48	6.8		
42D	773038	16	572268	5417541	GRNG 1-5	37	00	M	BR	GN		94	22	4	11	7	0.1	180	0.5	1	0.85	150	48.4	2.3	0.005	42	7.1		
42D	773039	16	572141	5415040	GRNG LT 1	16	00	M	BR	GN		114	24	3	15	10	0.1	175	0.5	1	0.90	190	50.2	2.9	0.005	48	7.1		
42D	773040	16	572123	5412589	GRNG LT 1	10	00	M	BR	GN		92	22	2	11	4	0.1	40	0.5	1	0.40	130	66.0	2.8	0.005	46	7.1		
42D	773042	16	571363	5409113	GRNG LT 1	6	00	M	BR	GN		90	30	5	11	4	0.1	35	0.5	2	0.20	110	57.0	2.2	0.020	52	7.0		
42D	773043	16	571438	5403703	GRDR 1-5	9	00	M	BR	GN		106	16	10	18	12	0.1	440	0.5	1	1.70	130	27.4	2.0	0.005	54	6.9		
42D	773044	16	571289	5401671	GRDR LT 1	14	70	M	BR	GN		104	18	5	14	9	0.1	100	0.5	1	0.95	160	42.6	1.9	0.005	56	7.0		
42D	773045	16	569587	5401762	GRNG 1-5	27	00	M	BR	GN		68	12	7	9	8	0.1	230	0.5	1	1.30	80	22.0	1.4	0.005	56	6.7		
42D	773046	16	571399	5399518	SCST LT 1	19	10	M	BR	GN		140	56	2	74	16	0.1	125	0.5	2	0.75	110	62.4	1.8	0.005	42	6.5		
42D	773047	16	571399	5399518	SCST LT 1	19	20	M	BR	GN		132	58	2	75	17	0.1	135	0.5	2	0.80	130	64.2	1.9	0.005	42	6.5		
42D	773048	16	571634	5392964	GRDR 1-5	13	00	M	GY	GN		88	20	6	28	12	0.1	370	0.5	1	1.90	90	13.4	2.3	0.010	64	7.0		
42D	773049	16	568524	5394623	BEXV POND	41	00	M	BK	GN		18	12	1	5	1	0.1	440	0.5	4	0.60	30	13.0	0.4	0.220	62	8.0		
42D	773050	16	564644	5397238	BEXV LT 1	31	00	M	BR	GN		96	32	5	20	7	0.1	180	0.5	1	0.95	140	54.6	2.6	0.010	48	6.2		
42D	773051	16	562209	5397999	GRDR LT 1	10	00	M	BR	GN	L	36	16	4	5	3	0.1	60	0.5	1	0.30	90	40.4	0.8	0.005	50	5.0		
42D	773052	16	562671	5357155	GRNT LT 1	35	00	H	BR	GN		88	24	6	10	5	0.1	165	0.5	1	1.10	100	53.2	17.5	0.200	56	5.7		
42D	773053	16	562484	5353949	GRNT POND	15	00	H	BR	GN		82	20	5	10	9	0.1	220	0.5	1	0.80	80	45.4	46.0	0.410	54	6.6		
42D	773054	16	565541	5350626	GRNT LT 1	65	00	H	BR			104	28	14	8	9	0.1	500	0.5	1	1.10	180	50.2	28.3	0.240	54	6.2		
42D	773055	16	565718	5345152	GRNT LT 1	55	00	H	BR	GN		215	30	10	11	22	0.1	2200	0.5	6	3.70	70	36.8	44.0	0.170	58	6.4		
42D	773056	16	565512	5341978	GRNT LT 1	55	00	H	BR	GN		88	22	9	7	6	0.1	325	0.5	2	1.15	100	49.8	21.2	0.060	48	6.5		
42D	773058	16	568321	5338593	GRNT POND	2	00	H	BR	GN	H	40	10	16	5	1	0.1	35	0.5	1	0.20	120	73.6	4.7	0.300	52	7.0		
42D	773059	16	572042	5335935	GRNT LT 1	30	00	H	BR	GN		86	24	6	9	8	0.1	300	0.5	1	0.95	180	43.2	9.4	0.100	56	6.0		
42D	773060	16	572373	5330853	GRNT POND	5	00	H	BR	GN		80	28	13	12	5	0.2	50	0.5	1	0.40	90	44.8	13.8	0.300	54	5.8		
42D	773062	16	573602	5328841	GRNT LT 1	8	00	H	BR	GN		94	24	18	12	6	0.1	95	0.5	1	0.65	120	33.4	1.9	0.100	50	7.5		
42D	773063	16	573668	5325406	GRNT LT 1	24	70	H	BR	GN		98	108	2	29	5	0.1	345	0.5	8	1.80	110	52.0	3.7	0.010	44	6.9		
42D	773064	16	573174	5325770	GRNT POND	39	10	H	BR	GN		104	134	3	17	10	0.1	520	0.5	2	1.25	190	51.4	7.7	0.070	44	6.9		
42D	773065	16	573174	5325770	GRNT POND	38	20	H	BR	GN		104	138	3	16	9	0.1	475	0.5	2	1.30	200	51.8	8.0	0.030	42	7.0		
42D	773066	16	573226	5337783	GRNT POND	10	00	H	BR	GN		112	20	6	12	10	0.1	140	0.5	1	1.00	130	38.6	9.1	0.170	46	7.0		
42D	773067	16	569856	5342041	GRNT LT 1	30	00	H	BR	GN		66	8	7	5	5	0.1	135	0.5	1	0.45	70	17.8	5.6	0.190	50	6.3		
42D	773068	16	571401	5343856	GRNT LT 1	5	00	H	BR	GN		172	14	12	12	10	0.1	200	2.5	1	0.80	120	30.2	16.9	0.240	46	7.1		
42D	773069	16	570939	5345312	GRNT LT 1	4	00	H	BR	GN		74	10	23	8	5	0.1	90	0.5	1	0.55	110	34.8	15.3	0.300	46	5.8		
42D	773070	16	567549	5345677	GRNT LT 1	50	00	H	BR	GN		265	30	14	11	32	0.1	1150	1.0	9	2.60	200	52.6	39.3	0.190	62	5.8		
42D	773071	16	565533	5355478	GRNT LT 1	50	00	H	BR			88	20	17	11	9	0.1	280	3.0	1	0.95	200	49.8	25.7	0.300	54	6.8		
42D	773072	16	565044	5356845	GRNT POND	5	00	H	BR	GN		64	14	8	9	6	0.1	155	1.0	1	0.60	90	26.2	18.8	0.200	56	6.6		
42D	773073	16	563379	5359196	GRNT LT 1	20	00	H	BR	GN		74	30	4	10	7	0.1	160	0.5	1	1.15	100	26.0	17.5	0.350	56	7.5		
42D	773074	16	564081	5361206	GRNT LT 1	5	00	H	BR	GN		68	36	5	11	5	0.1	55	0.5	1	0.30	120	49.4	35.1	0.340	56	6.9		
42D	773076	16	565433	5363600	GRNT LT 1	30	00	H	BR	GN		80	30	4	11	7	0.1	145	0.5	1	0.60	140	43.6	10.8	0.190	50	6.7		
42D	773077	16	566731	5373353	GRNT LT 1	5	00	M	BR	GN		86	36	3	18	8	0.1	95	0.5	1	0.75	70	43.4	2.1	0.005	68	7.0		
42D	773078	16	561973	5380760	GRNG LT 1	18	00	H	BR	GN		116	58	4	24	11	0.1	200	0.5	1	1.20	120	31.0	1.7	0.020	48	6.5		

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	UTM COORDINATES			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST	NORTH					F	L	T																		
42E	771093	16	434404	5428678	DIBS	POND	7	00	M																				
42E	771094	16	437505	5430055	GRNT	POND	11	00	H																				
42E	771095	16	440396	5429253	GRNT	LT 1	6	00	M																				
42E	771096	16	442849	5428210	GRNT	LT 1	21	00	H																				
42E	771097	16	447436	5429354	GRNT	LT 1	30	00	H																				
42E	771098	16	451074	5429316	GRNT	LT 1	30	00	H	1																			
42E	771099	16	454024	5430451	GRNT	1-5	55	00	H																				
42E	771100	16	457012	5428387	GRNT	LT 1	131	00	H																				
42E	771102	16	462355	5429780	GRNT	LT 1	10	00	H																				
42E	771103	16	465358	5429563	GRNG	LT 1	18	00	H																				
42E	771105	16	466687	5428943	GRNT	1-5	11	70	H																				
42E	771106	16	468748	5429829	GRNT	POND	45	10	H																				
42E	771107	16	468748	5429829	GRNT	POND	45	20	H																				
42E	771108	16	472352	5428077	BEXV	1-5	20	00	H																				
42E	771109	16	476348	5429747	GRCK	LT 1	60	00	H																				
42E	771110	16	480408	5430929	GRCK	LT 1	30	00	M																				
42E	771111	16	483495	5433030	GRNT	LT 1	22	00	M	1																			
42E	771112	16	485278	5433757	GRNT	POND	2	00	L																				
42E	771113	16	486792	5435214	GRCK	LT 1	63	00	M																				
42E	771114	16	488781	5431693	GRCK	1-5	47	00	H																				
42E	771115	16	489048	5436716	GRNG	LT 1	20	00	M																				
42E	771116	16	489118	5439453	GRNG	POND	11	00	L																				
42E	771117	16	493619	5439722	GRNG	LT 1	36	00	H																				
42E	771118	16	488645	5443948	GRNT	LT 1	18	00	H																				
42E	771119	16	487332	5446296	GRNT	1-5	19	00	M																				
42E	771120	16	489493	5447754	GRNT	LT 1	19	00	M																				
42E	771122	16	484246	5449065	GRNG	LT 1	33	00	H																				
42E	771123	16	483076	5455680	GRCK	LT 1	6	00	L																				
42E	771124	16	483021	5457198	GRNG	LT 1	21	70	M																				
42E	771125	16	481446	5457550	GRNG	LT 1	3	10	L																				
42E	771126	16	481446	5457550	GRNG	LT 1	3	20	L																				
42E	771127	16	478729	5457203	GRNT	LT 1	22	00	M																				
42E	771128	16	478844	5454218	GRNG	LT 1	7	00	M																				
42E	771129	16	481694	5451664	GRNT	1-5	11	00	M																				
42E	771130	16	479007	5449488	QZFP	1-5	17	00	M																				
42E	771131	16	479344	5446675	GRNG	LT 1	19	00	M																				
42E	771132	16	482150	5446630	GRNG	LT 1	11	00	M																				
42E	771133	16	483497	5443603	GRNG	1-5	14	00	M																				
42E	771135	16	485014	5440761	GRNT	LT 1	20	00	M																				
42E	771136	16	483447	5440085	GRNT	LT 1	36	00	H																				
42E	771137	16	483538	5436434	GRNG	POND	36	00	M	1																			
42E	771138	16	479518	5437011	GRNT	LT 1	9	00	M																				
42E	771139	16	477706	5432836	GRCK	1-5	26	00	M	1																			
42E	771140	16	474672	5432411	GRCK	1-5	55	00	M	1																			
42E	771142	16	473127	5433495	GRNT	1-5	35	70	M																				
42E	771143	16	472819	5431830	GRNG	POND	36	10	H																				
42E	771144	16	472819	5431830	GRNG	POND	36	20	H																				
42E	771145	16	468268	5431359	GRNT	1-5	38	00	H																				
42E	771146	16	466221	5432676	GRNG	POND	22	00	H																				
42E	771147	16	463308	5434894	GRNT	LT 1	8	00	M																				

MAP	SAMPLE	UTM COORDINATES			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST	NORTH					F	L	T																		
42E	771371	16	446380	5460411	GRNT	LT 1	40	00	H		BR GN	154	52	4	14	8	0.2		340		2	1.00			15.4	0.230	56	7.4	
42E	771372	16	444177	5460832	GRNT	LT 1	8	00	M		BR GN	50	12	3	11	4	0.1		95	1.0	1	0.60	60	11.2	1.8	0.150	52	7.2	
42E	771373	16	442817	5458734	GRCK	LT 1	42	00	H		BR GN	146	64	8	24	20	0.1		410	6.5	2	1.20	220	48.2	10.1	0.170	52	7.1	
42E	771374	16	436843	5458502	DIBS	LT 1	18	00	H	1	BR GN	128	46	2	18	18	0.1		245	6.0	1	1.20	140	49.4	1.1	0.020	48	6.1	
42E	771375	16	432856	5458501	GRCK	1-5	23	00	H	1	BR GN	156	54	4	39	16	0.1		195	6.0	1	1.40	200	42.4	2.3	0.005	46	6.8	
42E	771376	16	434947	5455000	GRNT	1-5	24	00	H		GN	108	8	2	20	18	0.1		470	4.5	1	2.45	60	6.6	1.6	0.020	58	6.7	
42E	771377	16	432818	5453078	GRCK	GT 5	24	00	M		GN	54	8	4	10	5	0.1		185	3.5	1	0.85	40	6.4	0.8	0.005	48	7.1	
42E	771378	16	429841	5452914	GRCK	GT 5	16	00	M		BR GN	192	104	4	66	8	0.2		130		12	1.00	210		4.1	0.005	42	7.0	
42E	771379	16	430780	5450382	GRNT	POND	42	00	M	1	BR GN	102	20	9	12	6	0.1		120	3.0	1	0.90	190	50.0	13.3	0.610	56	6.0	
42E	771380	16	432254	5446848	GRNG	1-5	5	00	M		BR GN	66	30	3	27	8	0.1		80	0.5	5	0.65	80	42.8	3.0	0.340	56	6.9	
42E	771382	16	432951	5444696	GRNG	LT 1	51	70	M		BR GN	112	28	8	28	11	0.1		295	5.5	2	1.85	180	42.0	12.9	0.350	52	6.8	
42E	771383	16	430487	5442514	GRNG	POND	9	10	M		BR GN	102	36	5	26	13	0.1		90	3.0	2	0.80	75	48.4	12.8	0.380	52	6.5	
42E	771384	16	430487	5442514	GRNG	POND	9	20	M		BR GN	96	36	6	26	13	0.1		90	0.5	1	0.75	380	48.2	12.1	0.160	60	6.5	
42E	771385	16	517605	5428517	GRNT	LT 1	61	00	H	1	BR GN	164	40	5	21	12	0.1		1550	5.0	3	3.05	280	52.8	23.4	0.040	84	7.7	
42E	771386	16	515151	5429783	GRNT	POND	44	00	M		BR GN	126	40	3	16	10	0.1		715	6.0	3	1.70	150	59.4	10.8	0.020	54	7.3	
42E	771387	16	510336	5428136	GRNT	POND	44	00	H		GY GN	30	14	1	4	1	0.1		810	7.0	7	1.00	70	24.2	2.6	0.640	76	8.3	
42E	771388	16	506975	5429489	GRNT	POND	38	00	H		BR GN	94	36	8	16	12	0.1		255	2.0	4	0.80	130	54.2	12.4	0.150	80	6.3	
42E	771390	16	503223	5429413	GRNT	POND	16	00	H		BR GN	76	32	5	27	9	0.1		140	0.5	1	1.10	170	39.8	2.7	0.020	64	5.9	
42E	771391	16	499414	5429273	GRNT	GT 5	61	00	H	1	BR GN	90	50	4	56	41	0.1		910	0.5	1	3.90	90	24.0	5.8	0.130	62	6.9	
42E	771392	16	500454	5432717	GRNG	POND	46	00	H		BR GN	L 108	44	5	30	34	0.2		535	2.0	3	2.05	230	46.8	4.8	0.080	72	6.7	
42E	771393	16	503463	5432544	GRNT	POND	6	00	M		BR GN	L 66	40	10	32	17	0.1		105	4.5	2	0.80	170	63.2	3.5	0.110	46	5.9	
42E	771394	16	501430	5436065	GRNT	1-5	55	00	H		BR GN	40	38	4	29	25	0.1		530	5.0	3	2.60	190	43.0	5.3	0.170	60	6.6	
42E	771395	16	502783	5438506	GRNT	POND	10	00	M		BR GN	98	38	6	27	15	0.1		375	5.0	2	1.00	110	54.2	2.0	0.010	54	6.0	
42E	771396	16	499543	5439554	GRNG	POND	40	00	H		BR GN	76	24	4	21	6	0.1		50	0.5	1	0.40	190	51.6	8.2	0.190	54	6.5	
42E	771397	16	501479	5442409	GRNG	POND	6	00	M		BR GN	44	20	6	14	6	0.1		75	0.5	1	0.50	140	57.6	1.5	0.010	60	6.0	
42E	771398	16	501853	5445457	GRNG	POND	8	00	M		BR GN	48	42	9	24	8	0.1		60	30.0	1	0.45	170	43.2	2.4	0.040	62	7.1	
42E	771399	16	499429	5447644	GRNG	1-5	68	00	M		BR GN	90	28	3	29	20	0.1		1550	5.0	2	3.00	170	23.4	4.7	0.090	52	7.0	
42E	771400	16	499622	5449352	GRNG	1-5	59	00	M	1	BR GN	76	26	3	27	19	0.1		1450	4.0	1	2.30	140	20.6	3.6	0.130	62	7.1	
42E	771402	16	503406	5449346	GRNG	POND	45	00	H		BR GN	46	42	4	25	8	0.1		145	0.5	3	1.40	260	58.6	1.9	0.005	58	6.4	
42E	771403	16	507167	5448184	GRNG	POND	35	00	M		BR GN	60	38	4	34	12	0.1		200	0.5	2	1.10	130	57.6	1.7	0.005	62	6.7	
42E	771404	16	505072	5442840	GRNG	1-5	47	00	H		BR GN	148	56	3	38	31	0.1		2600	0.5	5	4.05	190	41.0	4.7	0.070	64	7.1	
42E	771405	16	507721	5442019	GRNG	LT 1	11	00	H		BR GN	40	26	3	20	9	0.1		75	0.5	2	0.65	110	45.0	2.6	0.010	52	6.6	
42E	771406	16	507626	5439073	GRNG	POND	31	00	M		BR GN	58	28	4	20	9	0.1		245	0.5	2	1.30	120	51.2	1.7	0.010	60	6.5	
42E	771407	16	504843	5437099	GRNT	POND	26	70	H		BR GN	74	38	3	27	15	0.1		260	0.5	2	1.20	190	72.8	3.3	0.005	56	6.5	
42E	771408	16	504989	5434642	GRNT	POND	15	10	M		BR GN	L 66	40	3	37	14	0.1		110	0.5	1	0.80	120	58.6	2.1	0.005	52	6.3	
42E	771409	16	504989	5434642	GRNT	POND	15	20	M		BR GN	L 66	40	4	38	14	0.1		115	1.0	2	0.85	130	58.2	2.0	0.010	62	6.3	
42E	771410	16	506575	5432346	GRNT	1-5	107	00	H		BR GN	132	58	8	28	38	0.1		1350	0.5	3	2.65	190	52.2	9.2	0.130	64	6.4	
42E	771411	16	509990	5432682	GRNT	POND	27	00	M		BR GN	76	42	5	35	19	0.1		220	0.5	5	1.25	160	58.8	9.8	0.240	56	6.4	
42E	771413	16	514315	5434481	GRNT	LT 1	35	00	H		BR GN	64	32	4	69	11	0.1		210	0.5	2	1.25	130	56.8	4.1	0.040	58	6.6	
42E	771414	16	517821	5434106	GRNT	POND	13	00	M		BR GN	82	24	15	18	6	0.1		80	0.5	2	0.60	190	61.8	3.7	0.130	66	6.7	
42E	771415	16	521730	5432239	GRNG	POND	36	00	M		BR GN	128	24	6	18	6	0.2		300	0.5	2	1.70	150	60.2	3.4	0.090	78	7.7	
42E	771416	16	520836	5428815	GRNT	1-5	32	00	M		GY	28	14	2	9	4	0.1		660	0.5	4	1.05	40	4.8	2.4	0.490	98	8.0	
42E	771417	16	523860	5428052	GRNT	POND	22	00	M		BR GN	86	58	5	26	7	0.1		105	0.5	3	0.75	220	59.8	4.0	0.070	78	7.3	
42E	771418	16	527543	5430274	GRNG	POND	54	00	M		BR GN	132	48	4	8	4	0.1		130		6	0.90			3.9	0.350	66	8.0	
42E	771419	16	527374	5432084	GRNG	LT 1	36	00	M		BR GN	90	28	4	17	7	0.1		125	0.5	2	1.00	100	43.6	4.6	0.050	50	7.3	
42E	771420	16	524955	5435096	GRNG	LT 1	45	00	M		BR GN	90	52	5	17	8	0.1		685	0.5	2	2.50	180	38.0	2.7	0.150	64	8.1	
42E	771422	16	523013	5434743	GRNG	POND	21	70	M		BR	92	26	5	19	7	0.1		210	0.5	1	1.30	160	35.8	3.8	0.090	44	7.5	
42E	771423	16	520930	5434930	GRNG	GT 5	91	10	M		GY	90	30	7	22	9	0.1		1900	1.0	1	2.70	60	24.4	5.0	0.020	44	7.7	
42E	771424	16	520930	5434930	GRNG	GT 5	91	20	M		GY	92	32	6	21	8	0.1		1700	0.5	2	2.50	60	23.4	4.9	0.010	58	7.8	
42E	771425	16	522809	5440629	GRNG	LT 1	86	00	M		BK	104	44	1	15	25	0.1		3800	1.0	2	3.95	170	51.0	1.8	0.020	50	7.7	

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST					NORTH	F	L																		
42E	771426	16	519936	5439266	GRNT POND	22	00	M			BR GN	82	56	6	25	10	0.1	305	0.5	3	1.55	150	41.6	2.6	0.090	48	8.0	
42E	771428	16	519054	5441626	GRNG 1-5	46	00	M			BR L	84	42	4	26	12	0.1	885	1.0	1	1.80	120	32.8	3.4	0.050	50	7.7	
42E	771429	16	516079	5440599	GRNG POND	5	00	M			BR L	64	34	3	29	11	0.1	60	0.5	2	0.60	140	47.8	3.0	0.090	46	6.0	
42E	771430	16	517910	5430582	GRNT LT 1	34	00	M			BR GN L	90	20	2	16	7	0.1	610	0.5	2	1.90	100	22.0	2.1	0.050	50	7.5	
42E	771431	16	516026	5436135	GRNT POND	8	00	M			BR	95	26	8	32	9	0.1	100	0.5	3	0.80	180	52.8	3.3	0.060	48	6.6	
42E	771432	16	511303	5435707	GRNG POND	12	00	M			BR GN	96	36	5	30	15	0.1	150	1.0	3	1.40	150	57.6	2.8	0.010	54	6.4	
42E	771433	16	508859	5435690	GRNG POND	16	00	M			BR GN L	126	30	3	25	10	0.1	125	0.5	3	0.80	140	52.0	2.4	0.010	46	5.9	
42E	771434	16	510831	5439421	GRNG LT 1	5	00	M			BR GN L	82	58	3	42	11	0.1	60	0.5	2	0.60	130	46.6	3.1	0.050	46	6.8	
42E	771435	16	511921	5443278	GRNG POND	4	00	M			BR GN L	96	26	6	26	12	0.1	110	1.0	1	0.90	150	40.2	2.8	0.060	56	6.4	
42E	771436	16	514587	5443568	GRNG POND	10	00	M			BR GN	72	34	5	27	10	0.1	120	0.5	1	0.85	210	41.2	3.2	0.100	50	6.7	
42E	771437	16	513596	5446309	GRNG LT 1	22	00	M			BR GN L	84	54	5	33	14	0.1	180	0.5	2	1.20	250	46.8	2.3	0.005	50	6.7	
42E	771438	16	511347	5447385	GRNG GT 5	32	00	H			BR GN	104	58	5	57	24	0.1	2400	1.0	5	3.25	160	27.6	5.8	0.005	50	7.0	
42E	771439	16	511427	5451151	GRNG GT 5	27	00	H			BR GN	186	60	4	45	16	0.1	865	0.5	3	1.95	140	25.6	7.8	0.010	46	7.1	
42E	771440	16	507958	5452123	GRNG LT 1	95	00	H			BR GN H	76	56	8	21	13	0.1	395	0.5	2	1.40	220	37.0	1.7	0.010	46	6.8	
42E	771442	16	504551	5453990	GRNG LT 1	19	70	M			BR GN	56	22	3	15	6	0.1	165	0.5	1	1.10	120	20.2	2.0	0.190	46	7.7	
42E	771443	16	503019	5454680	GRNG POND	5	10	M			BR GN	48	14	9	16	8	0.1	180	0.5	1	0.70	150	58.0	6.4	0.140	42	7.0	
42E	771444	16	503019	5454680	GRNG POND	5	20	M			BR GN	54	16	6	16	8	0.1	175	0.5	1	0.70	130	56.2	5.2	0.130	52	7.0	
42E	771445	16	500098	5454865	GRNT POND	27	00	M			BR GN	56	54	4	23	8	0.1	350	0.5	1	2.00	210	52.4	6.6	0.010	44	7.1	
42E	771446	16	502030	5456970	GRNG LT 1	55	00	M			BR GN	114	28	8	20	10	0.1	295	0.5	2	1.25	170	41.6	3.2	0.020	48	6.9	
42E	771447	16	503444	5457957	GRNG LT 1	10	00	M			BR GN L	86	26	7	25	11	0.1	80	0.5	2	0.70	100	68.4	3.2	0.010	42	6.0	
42E	771448	16	506318	5455822	GRNG POND	28	00	M	1		BR	88	36	5	22	9	0.1	225	0.5	1	1.15	170	40.2	4.1	0.070	46	7.0	
42E	771449	16	508308	5457318	GRNG POND	11	00	M			BR	80	32	3	31	19	0.1	395	0.5	3	1.30	170	51.8	4.7	0.010	52	6.9	
42E	771451	16	510479	5457734	GRNG POND	12	00	M	1		BR	62	30	6	21	7	0.1	130	0.5	1	0.70	170	44.8	2.9	0.030	50	7.2	
42E	771452	16	510871	5455404	GRNG POND	6	00	H			BR GN L	142	52	2	54	15	0.1	120	0.5	4	0.70	150	64.0	2.9	0.010	54	6.8	
42E	771453	16	513973	5453918	GRNG POND	15	00	H			BR GN	96	36	3	28	8	0.1	65	0.5	1	0.50	210	53.0	1.6	0.005	50	7.0	
42E	771454	16	516213	5451439	GRNG POND	17	00	M			BR L	86	32	2	26	8	0.1	185	0.5	1	1.00	210	42.4	1.7	0.005	50	7.0	
42E	771455	16	518252	5451004	GRNG LT 1	7	00	M			BR	70	38	5	34	7	0.1	195	0.5	1	0.55	120	46.6	1.6	0.010	56	7.2	
42E	771456	16	517527	5454222	GRNT LT 1	5	00	M			BR GN	128	46	2	37	5	0.1	60	0.5	3	0.35	90	68.4	1.3	0.010	42	6.9	
42E	771457	16	518848	5457012	GRNG POND	11	00	M			BR	106	46	4	30	10	0.1	80	0.5	3	0.50	230	59.4	2.2	0.010	50	7.1	
42E	771458	16	520561	5457460	GRNT POND	53	00	M			BR GN L	96	58	3	27	22	0.2	650	0.5	3	1.85	190	50.6	3.1	0.010	50	7.2	
42E	771459	16	524974	5457347	GRNT POND	34	00	H			BR	70	40	3	23	8	0.1	200	0.5	1	0.95	180	37.8	2.6	0.020	56	7.5	
42E	771460	16	525572	5459310	GRNT LT 1	59	00	H			BR GN	128	56	4	31	26	0.2	2850	0.5	3	3.40	250	45.6	3.6	0.010	52	7.5	
42E	771462	16	521000	5462756	GRNT LT 1	45	00	H	1		BR GN	90	32	4	25	11	0.1	925	0.5	2	2.05	160	29.6	4.9	0.020	62	7.8	
42E	771463	16	519455	5461014	GRNG POND	11	00	M			BR GN	64	26	5	19	8	0.1	175	1.0	1	1.05	110	29.2	1.8	0.005	58	7.4	
42E	771464	16	515606	5458613	GRNG GT 5	42	00	H	1		BR GN	140	64	3	40	11	0.1	675	1.5	2	1.90	110	25.8	6.7	0.020	54	7.3	
42E	771465	16	516266	5461624	GRNG LT 1	55	00	M			BR	90	30	7	16	10	0.1	360	0.5	2	0.70	200	49.0	2.1	0.010	56	7.3	
42E	771466	16	516178	5463967	GRNG POND	68	70	M	1		BR GN	190	40	2	21	57	0.1	1600	2.5	3	5.25	140	55.4	2.7	0.005	64	7.0	
42E	771467	16	515066	5464568	GRNG POND	16	10	M	1		BR GN L	146	26	5	25	11	0.1	95	0.5	2	0.80	150	63.2	2.8	0.005	72	6.6	
42E	771468	16	515066	5464568	GRNG POND	16	20	M	1		BR GN L	134	28	4	24	9	0.1	95	0.5	1	0.70	160	64.2	2.7	0.005	72	6.6	
42E	771469	16	512901	5461618	GRNG LT 1	25	00	M	1		BR GN	56	36	3	18	5	0.1	325	0.5	1	1.05	120	33.4	3.0	0.005	70	7.5	
42E	771470	16	512122	5463884	GRNG POND	7	00	M	1		BR GN	56	60	2	19	2	0.1	370	0.5	4	0.55	120	36.6	2.4	0.005	70	7.6	
42E	771471	16	508728	5465478	GRNG LT 1	6	00	M	1		BR GN	52	28	2	14	1	0.1	140	0.5	3	0.30	110	52.2	7.1	0.010	72	7.4	
42E	771472	16	508633	5462678	GRNG POND	28	00	M	1		BR GN	88	42	5	25	8	0.1	300	0.5	2	1.10	110	48.2	4.4	0.050	40	6.9	
42E	771473	16	505186	5462335	GRNT 1-5	46	00	M	1		BR GN	94	36	5	22	10	0.1	385	0.5	2	1.40	120	43.0	5.3	0.050	46	7.0	
42E	771475	16	504043	5464994	GRNT LT 1	5	00	M			BR GN	110	42	5	24	12	0.1	485	0.5	3	0.80	100	37.4	18.3	0.050	52	7.0	
42E	771476	16	500790	5460575	GRNG POND	12	00	M			BR GN	86	26	4	29	15	0.1	90	0.5	2	0.95	80	60.4	10.2	0.040	44	6.3	
42E	771477	16	499485	5465018	GRNG GT 5	65	00	H	1		GY	44	22	3	17	6	0.1	815	1.5	1	1.50	60	7.4	3.1	0.060	58	8.0	
42E	771478	16	499233	5469894	GRNG POND	24	00	M	1		BR GN	76	24	6	15	6	0.1	210	0.5	2	1.10	70	29.8	6.4	0.330	54	7.7	
42E	771479	16	499900	5474925	GRNG LT 1	25	00	M	1		BR GN	82	34	5	21	6	0.1	205	0.5	2	0.90	130	47.8	5.0	0.060	50	7.4	
42E	771480	16	502305	5475538	GRNG POND	6	00	M	1		BR GN L	80	82	2	39	3	0.1	35	0.5	4	0.75	180	59.6	3.5	0.020	58	7.4	

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E G I O N			SAMP COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST					NORTH	F	L																		
42E	771482	16	503365	5472841	GRNG GT 5	48	00	H			GY GN	68	22	4	25	10	0.1	990	2.5	1	2.60	40	8.4	3.0	0.150	44	7.9	
42E	771483	16	503715	5478322	GRNG LT 1	26	70	M			BR GN	116	56	3	33	7	0.1	225	0.5	4	0.45	120	64.0	4.1	0.010	42	7.5	
42E	771484	16	503171	5479966	GRNT POND	15	10	M			BR GN	116	48	5	34	7	0.1	140	0.5	2	0.45	150	66.4	4.6	0.080	46	7.2	
42E	771485	16	503171	5479966	GRNT POND	15	20	M			BR GN	110	48	4	31	6	0.1	140	0.5	3	0.60	180	68.0	4.7	0.130	40	7.1	
42E	771486	16	501723	5480255	GRNT POND	24	00	M	1		BR GN	102	44	3	30	5	0.1	145	0.5	2	0.40	200	68.8	4.6	0.230	52	7.6	
42E	771487	16	500532	5481885	GRNT 1-5	11	00	M	1		BR GN	148	48	4	42	4	0.1	150	0.5	6	0.60			3.4	0.280	40	7.5	
42E	771488	16	502264	5482523	GRNT POND	12	00	M	1		BR GN	L 152	68	1	46	4	0.1	50	0.5	4	0.20			4.1	0.210	46	7.0	
42E	771489	16	506498	5479914	GRNG GT 5	8	00	H	1		BR GN	70	60	5	31	6	0.1	85	4.0	1	0.60	130	61.2	3.0	0.150	54	8.0	
42E	771490	16	511510	5481606	GRNG GT 5	19	00	H	1		BR GN	74	40	2	33	8	0.1	145	3.0	1	1.05	100	38.4	3.0	0.120	52	8.0	
42E	771491	16	511281	5478945	GRNG POND	16	00	M			BR GN	100	34	4	31	9	0.1	90	0.5	1	0.65	160	49.6	3.5	0.100	56	7.2	
42E	771492	16	514956	5479237	GRNG POND	15	00	H	1		BR GN	102	38	5	27	12	0.1	200	1.0	1	1.10	140	46.0	2.8	0.010	54	7.3	
42E	771493	16	517443	5480353	GRNG POND	13	00	M			BR GN	106	50	2	28	6	0.1	50	0.5	4	0.25	150	66.4	2.3	0.010	54	7.4	
42E	771495	16	517515	5481800	GRNG 1-5	25	00	M			BR GN	98	34	5	30	14	0.1	195	0.5	1	1.00	170	51.2	3.3	0.390	46	6.6	
42E	771496	16	523051	5481988	GRNG POND	4	00	M			BR GN	L 54	44	7	22	5	0.1	85	0.5	1	0.40	160	61.6	1.9	0.010	52	7.1	
42E	771497	16	529109	5481490	GRNG LT 1	81	00	M	1		BK GY	48	48	3	18	9	0.1	2100	6.0	3	1.65	80	9.2	1.6	0.340	64	8.3	
42E	771498	16	531690	5482981	GRNG POND	7	00	M			GY	30	18	4	3	1	0.1	100	0.5	5	0.10	40	13.2	0.3	0.150	58	8.2	
42E	771499	16	531349	5479100	GRNT LT 1	45	00	M			BR GN	104	28	3	20	8	0.1	920	0.5	1	1.15	80	31.8	4.9	0.100	52	7.5	
42E	771500	16	529642	5478634	GRNT LT 1	10	00	M			BR GN	122	60	3	24	5	0.1	195	1.5	2	0.75	190	52.2	3.8	0.050	50	7.4	
42E	771502	16	526094	5478234	GRNT LT 1	64	00	M			BR GN	L 114	32	8	20	8	0.1	235	0.5	1	1.15	190	30.6	2.7	0.010	50	7.6	
42E	771503	16	527917	5475443	GRNT LT 1	10	70	M			BR GN	L 86	24	5	18	3	0.1	50	0.5	2	0.30	140	66.4	2.0	0.010	42	7.3	
42E	771504	16	530447	5473854	GRNG 1-5	63	10	H			GY GN	96	36	3	18	9	0.1	1500	1.0	1	2.45	100	32.0	3.7	0.070	74	7.8	
42E	771505	16	530447	5473854	GRNG 1-5	63	20	H			GY GN	106	34	3	17	8	0.1	1450	0.5	1	2.60	110	33.6	3.5	0.010	58	7.7	
42E	771506	16	532647	5475267	GRNG LT 1	15	00	M			BR GN	120	24	1	18	4	0.1	165	0.5	1	0.75	110	68.4	2.7	0.010	56	7.7	
42E	771507	16	531322	5471715	GRNG LT 1	45	00	M			BR GN	84	28	1	12	4	0.1	240	0.5	1	1.00		40.4	2.7	0.020	80	7.7	
42E	771508	16	530008	5468512	GRNT 1-5	80	00	M			BR GN	L 90	34	5	10	4	0.1	955	0.5	3	1.10	120	48.6	2.0	0.005	70	7.8	
42E	771509	16	528116	5471475	GRNG POND	10	00	M			BR GN	L 74	26	4	15	6	0.1	75	0.5	2	0.40	170	50.4	3.1	0.060	46	7.3	
42E	771510	16	526041	5470900	GRNG LT 1	21	00	M			BR GN	L 108	26	3	14	8	0.1	750	2.5	1	2.00	110	37.6	3.0	0.060	72	7.5	
42E	771511	16	525228	5468333	GRNG LT 1	25	00	M			BR GN	L 104	30	1	14	8	0.1	370	0.5	3	1.75	70	23.0	1.9	0.010	68	7.2	
42E	771512	16	521819	5468339	GRNG POND	55	00	H			BR GN	106	30	3	16	7	0.1	325	1.0	3	1.05	60	50.0	2.4	0.020	56	8.0	
42E	771513	16	523016	5472291	GRNT 1-5	51	00	H			BR GN	L 108	44	2	26	10	0.1	3750	6.0	2	3.20	90	32.4	4.5	0.210	74	8.0	
42E	771514	16	524780	5475457	GRNT POND	15	00	H			BR GN	L 78	50	2	21	6	0.1	95	0.5	2	0.75	160	42.4	3.7	0.160	60	7.8	
42E	771515	16	523047	5475631	GRNT POND	67	00	M			BR GN	162	68	3	22	8	0.1	270	1.0	2	0.95	200	51.6	7.4	0.110	48	7.7	
42E	771517	16	518914	5475548	GRNT LT 1	5	00	M			BR GN	152	18	8	12	3	0.1	75	1.0	1	0.35	110	65.2	1.3	0.010	50	6.9	
42E	771518	16	517555	5472580	GRNT 1-5	7	00	M			BR GN	132	32	5	16	4	0.1	270	2.0	1	0.75	110	60.8	2.8	0.010	46	7.1	
42E	771519	16	513494	5471767	GRNT POND	17	00	H			BR GN	L 112	26	3	18	7	0.1	110	0.5	1	0.70	180	54.6	2.1	0.010	94	7.1	
42E	771520	16	512442	5473918	GRNG POND	3	00	M			BR GN	L 84	18	2	20	3	0.1	45	0.5	1	0.40	140	46.4	1.4	0.005	60	7.2	
42E	771522	16	514720	5477058	GRNT POND	25	00	M			BR GN	L 80	12	4	19	8	0.1	165	2.0	1	1.60	130	16.8	1.0	0.005	62	7.1	
42E	771523	16	511833	5476476	GRNG POND	5	00	M			BR GN	L 70	13	1	38	7	0.1	70	0.5	1	0.40	180	53.2	2.7	0.090	56	7.2	
42E	771524	16	509339	5475932	GRNG POND	16	00	M			BR GN	80	74	1	40	7	0.1	70	0.5	3	0.45	170	65.8	3.1	0.020	58	7.1	
42E	771525	16	508323	5473345	GRNG POND	23	00	M			BR GN	L 72	62	2	27	6	0.1	95	0.5	1	0.50	250	51.2	3.2	0.010	60	7.4	
42E	771527	16	504687	5469523	GRNT LT 1	25	00	M			BR GN	118	26	2	20	6	0.1	230	0.5	3	0.75	120	66.8	1.2	0.010	59	6.9	
42E	771528	16	506031	5467614	GRNT 1-5	45	00	M			BR GN	108	32	3	15	7	0.1	330	0.5	2	1.00	140	61.6	5.8	0.020	70	7.2	
42E	771529	16	510480	5468377	GRNG POND	24	70	M			BR	110	28	3	17	5	0.1	235	0.5	1	0.90	190	56.0	3.2	0.020	58	7.1	
42E	771530	16	511768	5468792	GRNG POND	14	10	M			BR	86	26	3	17	5	0.1	200	0.5	1	0.75	170	40.0	2.2	0.020	68	7.4	
42E	771531	16	511768	5468792	GRNG POND	14	20	M			BR	110	26	2	17	5	0.1	200	0.5	2	0.90	180	41.2	2.7	0.010	72	7.4	
42E	771532	16	513248	5468496	GRNG 1-5	66	00	H	1		BR GN	116	44	3	15	7	0.1	305	0.5	2	0.90	190	42.0	2.9	0.010	72	7.4	
42E	771533	16	517457	5468605	GRNG POND	21	00	M			BR GN	164	38	1	13	4	0.1	150	0.5	2	0.95	180	60.2	2.1	0.005	140	7.2	
42E	771534	16	519013	5465229	GRNG POND	23	00	M			BR GN	60	26	2	11	4	0.1	100	0.5	1	0.65	190	33.0	3.0	0.010	140	7.6	
42E	771535	16	522372	5465197	GRNG LT 1	21	00	H			BR GN	62	36	2	16	7	0.1	170	1.0	1	1.10	140	33.4	2.7	0.070	120	7.7	
42E	771536	16	525979	5464829	GRNG LT 1	20	00	H			BR GN	100	42	2	23	7	0.1	425	0.5	1	1.50	150	39.8	3.1	0.020	72	7.6	

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C S E G O L E N			SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST					NORTH																				
42E	771537	16	529469	5465590	GRNT	1-5	26	00	M		BR GN	98	32	3	16	4	0.2	230	0.5	1	0.70	140	48.4	3.2	0.010	78	7.4	
42E	771538	16	533734	5463585	GRNT	LT 1	43	00	H	1	BR GN	46	16	5	12	4	0.1	345	1.5	2	1.60	100	18.6	1.6	0.100	82	7.8	
42E	771539	16	532267	5460706	GRNG	POND	10	00	M		BR GN	102	58	1	51	8	0.1	75	0.5	2	0.65	80	51.0	2.8	0.005	50	7.3	
42E	771540	16	528726	5460065	GRNG	POND	6	00	M		BR GN	78	32	2	29	3	0.1	70	0.5	1	0.20	110	69.4	1.7	0.005	50	7.1	
42E	771542	16	530045	5458079	GRNG	LT 1	15	70	H		BR GN	36	10	3	10	3	0.1	475	1.5	1	1.00	60	10.8	1.4	0.070	74	7.8	
42E	771543	16	530424	5455851	GRNG	POND	6	10	M		BR GN	134	102	1	81	15	0.1	90	0.5	3	0.50	190	70.6	3.1	0.060	62	6.8	
42E	771544	16	530424	5455851	GRNG	POND	6	20	M		BR GN	110	56	5	62	12	0.1	90	0.5	2	0.40	210	64.8	2.9	0.060	68	6.8	
42E	771545	16	528083	5455212	GRNT	1-5	63	00	H		GY GN	36	14	8	13	6	0.1	1800	2.0	1	1.90	110	13.6	1.6	0.090	68	7.9	
42E	771546	16	524993	5454610	GRNT	POND	13	00	H		BR GN	70	44	4	28	7	0.1	160	1.0	2	0.90	160	32.4	2.2	0.010	54	7.7	
42E	771547	16	522203	5452998	GRNT	LT 1	27	00	H		GY GN	60	8	5	26	13	0.1	430	1.0	1	2.60	50	2.8	1.1	0.020	62	7.5	
42E	771548	16	522264	5451443	GRNT	LT 1	26	00	M		BR GN	140	68	3	33	19	0.1	570	0.5	3	1.65	120	1.8	4.6	0.060	58	6.8	
42E	771549	16	521505	5447428	GRNG	POND	74	00	H		BR GN	96	26	5	20	10	0.1	340	0.5	1	1.60	80	24.6	2.9	0.060	66	7.7	
42E	771550	16	524014	5446588	GRNG	LT 1	90	00	H		BR GN	102	56	3	24	10	0.2	475	0.5	2	2.00	130	45.8	6.6	0.020	60	7.6	
42E	771551	16	522504	5443448	GRNG	POND	35	00	M		BR GN	94	80	4	20	4	0.1	130	1.0	2	0.80	150	43.0	1.4	0.100	66	8.1	
42E	771552	16	525639	5441377	GRNG	LT 1	37	00	M		BR GN	108	38	5	23	8	0.1	345	0.5	2	1.50	140	38.2	2.6	0.090	70	7.9	
42E	771553	16	525578	5442838	GRNG	1-5	89	00	H	1	BR GN	126	34	8	22	13	0.1	2100	4.5	1	4.00	210	31.6	3.0	0.050	64	7.7	
42E	771554	16	527843	5443527	GRNG	LT 1	20	00	M		BR GN	70	24	4	22	9	0.1	330	0.5	1	1.35	100	29.8	2.6	0.040	60	7.7	
42E	771555	16	531142	5441723	GRNG	POND	36	00	H		BR GN	84	40	1	23	8	0.1	295	0.5	1	1.20	140	32.0	3.5	0.040	68	7.4	
42E	771556	16	531913	5440702	GRNG	LT 1	31	00	H		BR GN	98	34	2	29	9	0.1	335	0.5	2	1.45	90	32.4	5.3	0.110	64	7.2	
42E	771557	16	529800	5440330	GRNG	POND	13	00	H		BR GN	76	28	4	28	9	0.1	305	0.5	1	1.40	110	25.0	3.5	0.040	62	7.4	
42E	771558	16	528712	5435522	GRNG	POND	6	00	M		BR GN	102	24	9	24	9	0.1	60	0.5	2	0.40	110	48.2	3.0	0.005	60	6.9	
42E	771560	16	529638	5433142	GRNG	1-5	42	00	M		GY GN	54	12	5	11	5	0.1	165	0.5	1	1.25	40	10.4	1.8	0.070	62	7.7	
42E	773002	16	571741	5434396	GRNG	POND	52	00	M		BR GN	60	16	13	25	10	0.1	375	2.0	4	2.30	60	14.2	1.5	0.180	64	7.7	
42E	773003	16	549098	5430090	BEXV	POND	7	00	H		BR GN	76	56	8	35	13	0.1	100	0.5	3	0.95	100	50.6	1.1	0.100	76	6.7	
42E	773004	16	551004	5429305	BEXV	POND	4	00	M		BR GN	90	40	4	21	8	0.1	60	1.0	3	0.60	90	43.8	5.4	0.060	80	6.8	
42E	773005	16	552029	5430869	GRNG	LT 1	7	00	H		BR GN	130	90	4	27	18	0.1	80	1.0	2	0.75	70	55.4	4.6	0.200	70	6.2	
42E	773006	16	553276	5432796	GRNG	POND	12	00	M		BR GN	86	32	9	27	11	0.1	275	1.0	2	2.05	90	26.8	3.8	0.270	88	7.7	
42E	773007	16	549064	5447920	GRDR	LT 1	6	00	M		BR GY	62	20	7	20	8	0.1	315	1.0	2	1.80	70	19.2	2.3	0.360	72	7.8	
42E	773008	16	552193	5451145	GRNT	LT 1	14	00	M		BR GN	80	24	5	32	14	0.1	440	1.5	2	1.95	100	25.2	7.8	0.150	56	6.9	
42E	773009	16	552864	5454442	GRDR	POND	23	00	M		BR	90	38	5	34	14	0.1	290	1.5	2	2.00	120	31.2	3.7	0.080	68	6.9	
42E	773010	16	549837	5454139	GRNT	POND	15	00	M		BR GN	104	46	2	31	14	0.2	220	2.5	2	1.10	120	46.8	3.3	0.010	64	7.0	
42E	773011	16	548045	5454853	GRDR	1-5	17	70	M		BR GY	42	18	2	16	7	0.1	300	0.5	3	1.10	50	27.0	0.6	0.020	56	7.1	
42E	773012	16	546558	5455352	MGMT	POND	4	10	M		BR GN	80	50	4	35	8	0.1	145	1.5	2	1.05	130	44.8	1.5	0.040	68	8.0	
42E	773013	16	546558	5455352	MGMT	POND	4	20	M		BR GN	90	52	4	33	8	0.1	155	2.0	2	1.05	130	43.0	1.6	0.140	76	7.9	
42E	773014	16	545264	5454855	MGMT	GT 5	73	00	M		BR GN	52	16	4	16	8	0.1	720	3.5	1	1.45	70	11.6	1.5	0.080	56	7.9	
42E	773016	16	545943	5452100	MGMT	1-5	7	00	M		BR GN	86	40	4	35	4	0.1	85	2.5	4	0.60	80	50.8	2.7	0.040	64	7.7	
42E	773017	16	543220	5451987	GRDR	1-5	17	00	M		BR GN	88	22	3	22	10	0.1	425	11.0	3	1.40	110	24.4	2.5	0.010	68	7.7	
42E	773018	16	540262	5451633	AKRK	LT 1	43	00	H		BR GN	104	42	4	13	6	0.1	240	2.0	2	0.65	190	45.6	2.1	0.005	140	7.8	
42E	773019	16	539670	5455092	GRDR	1-5	7	00	H		BR GN	28	8	6	9	4	0.1	120	0.5	2	0.65	40	6.8	1.1	0.010	52	7.9	
42E	773020	16	535128	5453319	GRNG	POND	9	00	H		BR GN	54	22	4	17	5	0.1	105	0.5	2	0.70	100	32.6	2.2	0.010	48	7.8	
42E	773022	16	535864	5450939	GRNG	GT 5	13	70	M		BR GN	76	24	5	23	7	0.1	195	2.5	3	1.20	70	36.0	2.1	0.100	66	7.9	
42E	773023	16	536877	5449455	AKRK	LT 1	93	10	H		BR GN	120	52	5	23	11	0.1	1450	1.0	3	2.40	180	38.0	3.3	0.080	150	7.9	
42E	773024	16	536877	5449455	AKRK	LT 1	91	20	H		BR GN	110	50	3	20	9	0.2	1350	1.0	3	2.75	170	38.2	2.8	0.070	160	7.9	
42E	773025	16	541912	5440879	GRNG	POND	6	00	H		BR GN	102	18	5	12	4	0.1	80	2.5	3	0.50	80	62.2	3.2	0.010	58	6.9	
42E	773026	16	539987	5438621	GRNG	LT 1	14	00	M		BR	98	32	4	18	6	0.1	335	2.5	2	1.15	130	46.2	5.6	0.110	72	7.7	
42E	773027	16	539153	5436905	GRNG	1-5	13	00	M		GY GN	72	28	9	28	11	0.1	550	4.0	2	2.40	80	10.6	2.3	0.220	88	7.9	
42E	773028	16	536374	5435814	MGMT	GT 5	25	00	M		BR GN	18	6	4	7	3	0.1	140	1.0	1	0.55	40	2.6	1.1	0.070	72	7.9	
42E	773030	16	537153	5433892	GRDR	POND	12	00	M		BR GN	126	36	4	23	5	0.1	60	0.5	4	0.25	140	74.0	3.0	0.060	70	7.1	
42E	773031	16	555139	5428563	BEXV	POND	12	00	M		BR	76	62	3	19	7	0.1	80	0.5	3	0.50	140	41.2	1.5	0.005	60	7.1	
42E	773032	16	557314	5429532	GRNG	LT 1	6	00	M		BR GN	72	34	11	18	7	0.1	225	1.0	4	1.35	120	28.6	2.4	0.005	74	7.4	

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E L F	C O L O R	S U P	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	U-W	F-W	PH
		ZN	EAST																							
42E	773033	16	558366	5433293	GRNG POND	7	00	M	BR GN		92	20	15	20	7	0.1	135	2.5	3	1.20	100	47.8	1.6	0.005	66	7.5
42E	773034	16	557601	5437496	GRNG POND	14	00	M	BR GN		78	32	4	19	7	0.1	120	0.5	3	0.65	130	41.2	3.9	0.040	66	7.3
42E	773035	16	557787	5439401	GRNG POND	7	00	M	BR GN		92	26	5	19	7	0.1	80	0.5	4	0.45	90	56.8	1.8	0.010	68	7.0
42E	773036	16	550369	5440480	GRNG GT	5	38	00	M	GY GN	76	26	15	28	10	0.1	365	1.0	2	2.35	90	15.6	2.5	0.120	60	6.6
42E	773037	16	553587	5443966	GRNG LT	1	13	00	M	BR	68	16	5	14	6	0.1	85	6.0	1	0.85	150	34.6	2.1	0.010	66	7.8
42E	773038	16	552500	5441389	GRNG LT	1	8	00	M	BR GN	80	22	5	15	5	0.2	90	2.0	2	0.80	90	57.2	1.3	0.005	56	7.9
42E	773039	16	555349	5447728	GRNG 1-5	11	00	M	BR GY	58	16	10	19	7	0.1	420	2.0	1	2.05	70	10.4	1.4	0.040	66	7.2	
42E	773040	16	555719	5443710	GRNG 1-5	6	00	M	BR GY	28	8	5	10	4	0.1	215	0.5	1	0.90	110	2.4	1.4	0.030	72	7.8	
42E	773042	16	560220	5452868	GRNG LT	1	6	00	M	BR GN	112	50	7	32	7	0.1	85	0.5	1	0.65	130	57.2	4.1	0.060	62	7.1
42E	773043	16	562014	5451162	MGMT LT	1	6	00	M	BR GN	36	28	3	19	3	0.1	205	1.5	3	0.90	60	20.6	6.6	0.010	78	6.7
42E	773044	16	567103	5441348	GRNG POND	6	00	M	BR GN	66	22	8	21	8	0.1	160	0.5	1	1.50	120	24.0	1.7	0.005	66	7.3	
42E	773045	16	572463	5446158	GRNG 1-5	18	00	M	BR GY	52	24	6	15	7	0.1	480	1.0	2	1.40	70	9.4	1.5	0.060	62	7.8	
42E	773046	16	572576	5457925	MGMT 1-5	34	00	M	BR GN	110	56	3	32	10	0.1	225	0.5	1	1.00	100	47.6	5.2	0.005	58	7.1	
42E	773048	16	571158	5469784	MGMT LT	1	8	00	M	BR GN	78	22	6	15	5	0.1	125	1.5	1	1.15	60	44.6	1.9	0.010	120	7.8
42E	773049	16	571079	5471295	MGMT LT	1	12	00	M	BR GY	30	8	4	9	4	0.1	255	1.5	1	0.75	60	7.2	1.3	0.040	70	7.9
42E	773050	16	571550	5476433	MGMT POND	10	00	M	BR GN	76	24	4	18	4	0.1	100	0.5	1	0.90	90	42.6	2.2	0.070	74	7.9	
42E	773051	16	571095	5477969	MGMT LT	1	10	00	M	BR GN	88	36	3	26	2	0.1	60	0.5	3	0.40	130	72.0	2.1	0.005	62	7.6
42E	773052	16	570144	5477536	MGMT POND	21	00	M	BR GN	134	40	2	17	2	0.1	230	0.5	3	1.50	120	72.8	1.5	0.010	66	7.6	
42E	773053	16	566145	5477046	MGMT POND	38	00	M	BR	74	24	4	14	5	0.1	310	0.5	2	1.35	130	45.4	3.5	0.110	70	7.7	
42E	773054	16	563106	5476317	GRSC LT	1	20	00	M	BR GN	100	22	5	22	6	0.1	70	0.5	2	1.75	120	48.6	1.7	0.010	52	6.5
42E	773055	16	556786	5474598	GRSC LT	1	21	00	M	BR GN	116	20	6	16	4	0.4	90	0.5	1	0.70			1.0	0.005	58	7.3
42E	773056	16	554650	5476220	GRSC LT	1	8	70	M	BR GN	110	50	4	29	3	0.1	45	2.0	2	0.50	70	66.0	2.1	0.005	52	7.0
42E	773057	16	553308	5476884	MGMT 1-5	6	10	M	BR GN	80	40	4	28	4	0.1	50	1.0	1	0.60	110	56.8	1.8	0.010	58	7.7	
42E	773058	16	553308	5476884	MGMT 1-5	6	20	M	BR GN	94	38	3	28	3	0.1	50	0.5	1	0.60	100	53.0	1.5	0.010	60	7.7	
42E	773059	16	549481	5476712	MGMT LT	1	7	00	M	BR GN	78	68	2	17	2	0.1	135	1.0	4	0.60	120	42.4	2.2	0.030	58	7.9
42E	773060	16	547918	5474284	MGMT 1-5	14	00	M	BR	58	54	2	18	2	0.1	230	0.5	3	0.60	110	29.0	1.3	0.030	62	8.1	
42E	773063	16	543040	5475387	MGMT LT	1	58	00	M	BR	98	38	8	17	7	0.1	415	1.0	1	1.00	160	45.2	4.6	0.010	60	7.5
42E	773064	16	541132	5476673	GRDR POND	30	00	M	BR	74	38	5	17	6	0.1	190	0.5	2	1.05	130	41.4	4.3	0.040	92	7.5	
42E	773065	16	538351	5473829	GRDR LT	1	44	70	M	BR GN	104	44	5	16	5	0.1	305	0.5	3	1.05	120	46.0	2.9	0.200	96	8.1
42E	773066	16	538743	5471861	GRDR LT	1	43	10	M	BR GN	98	46	6	21	5	0.1	270	1.0	2	1.35	120	44.8	13.5	0.670	62	7.9
42E	773067	16	538743	5471861	GRDR LT	1	43	20	M	BR GN	100	48	6	20	6	0.1	295	0.5	2	1.25	140	45.4	13.8	0.630	70	7.9
42E	773068	16	536064	5471615	GRNG LT	1	23	00	M	BR GN	76	26	3	13	5	0.2	295	2.5	2	2.80	100	44.8	1.5	0.360	82	8.2
42E	773069	16	537340	5474742	GRDR 1-5	36	00	M	BR GN	60	26	3	16	6	0.1	320	1.0	2	1.40	70	27.6	2.5	0.120	76	8.1	
42E	773070	16	539176	5479730	MGMT 1-5	14	00	M	BR GN	90	44	3	20	5	0.1	100	1.5	5	0.75	130	68.4	4.7	0.110	72	8.0	
42E	773071	16	537169	5480076	MGMT 1-5	27	00	M	BR GN	88	34	5	22	7	0.1	330	0.5	2	1.15	120	42.6	2.2	0.020	58	8.0	
42E	773072	16	536021	5482461	MGMT LT	1	42	00	M	BR	96	44	6	20	8	0.1	565	2.0	3	1.45	110	49.8	3.0	0.020	60	7.9
42E	773073	16	539622	5481985	MGMT 1-5	85	00	M	BR GN	106	26	4	19	12	0.1	225	3.5	4	5.45	110	36.2	2.4	0.040	60	7.9	
42E	773074	16	542650	5481755	MGMT 1-5	43	00	M	BR GN	90	44	5	18	6	0.1	380	0.5	2	0.45	170	52.6	5.4	0.040	54	7.2	
42E	773075	16	547500	5482094	MGMT LT	1	12	00	M	BR	52	20	8	13	5	0.1	195	1.5	2	0.95	90	16.6	2.0	0.060	58	7.9
42E	773076	16	549682	5480440	MGMT 1-5	25	00	M	BR	78	20	5	17	6	0.1	190	0.5	1	1.10	90	31.0	1.6	0.010	60	7.7	
42E	773077	16	549905	5482606	MGMT LT	1	6	00	M	BR GN	96	30	21	26	3	0.1	50	0.5	4	0.25	60	64.4	2.0	0.005	50	7.0
42E	773078	16	552396	5481696	MGMT LT	1	24	00	M	BR GN	62	18	6	12	4	0.2	140	0.5	1	0.90	70	35.6	16.6	0.120	66	8.0
42E	773079	16	553625	5480079	MGMT LT	1	11	00	M	BR GN	86	28	3	11	3	0.1	145	0.5	6	0.65	60	66.2	21.2	0.010	64	8.0
42E	773080	16	557285	5478783	GRSC LT	1	11	00	M	BR GN	42	10	7	9	4	0.1	200	1.5	1	0.85	50	11.4	1.9	0.070	56	7.8
42E	773082	16	559742	5478838	GRSC POND	3	00	L	GY	20	16	1	2	1	0.1	130	0.5	5	0.10	50	3.6	1.3	0.120	68	8.0	
42E	773083	16	558670	5481186	MGMT 1-5	22	00	L	BR GN	132	14	5	9	3	0.1	95	0.5	2	0.70	60	70.6	1.0	0.005	46	7.1	
42E	773085	16	562745	5481650	MGMT POND	13	00	M	BR	60	38	4	29	7	0.1	140	1.0	3	0.70	140	51.2	2.7	0.010	60	7.2	
42E	773086	16	566741	5483029	MGMT LT	1	8	00	M	BR GY	20	14	1	2	1	0.1	485	0.5	8	0.30	40	11.0	2.8	0.240	58	8.0
42E	773087	16	567409	5482433	MGMT POND	5	70	M	BR GN	120	26	10	23	5	0.1	170	1.0	1	1.15	160	55.6	1.9	0.140	72	7.7	
42E	773088	16	568009	5481310	MGMT POND	12	10	L	BR	108	44	3	25	5	0.1	105	0.5	1	0.55	180	62.0	2.6	0.010	62	7.8	

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E L	C E N	S A M P L E C O L O R	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
		ZN	EAST																								
42E	773089	16	568009	5481310	MGMT	POND	8	20	L		BR	98	42	2	23	5	0.1	100	0.5	2	0.55	190	63.0	2.5	0.050	56	7.8
42E	773090	16	568566	5478886	MGMT	LT 1	15	00	M		BR GN	52	18	1	11	2	0.1	125	0.5	1	0.55	90	19.6	1.5	0.060	58	7.9
42E	773091	16	564865	5478879	MGMT	POND	34	00	L		BR GN	96	76	3	17	8	0.1	495	1.0	4	1.00	120	54.2	3.8	0.090	78	8.2
42E	773092	16	555301	5471630	GRDR	LT 1	13	00	M		BR	158	26	4	27	10	0.1	250	0.5	1	1.25	150	50.8	2.5	0.005	54	7.5
42E	773093	16	555593	5468944	MGMT	1-5	8	00	M		BR GN	40	8	4	7	4	0.1	205	0.5	1	0.75	90	8.6	1.3	0.005	62	7.7
42E	773094	16	552073	5470157	MGMT	LT 1	6	00	M		BR GN	108	38	2	30	4	0.1	70	0.5	3	0.40	120	67.2	2.8	0.005	62	7.9
42E	773095	16	551499	5471376	MGMT	POND	8	00	L		BR GN	108	28	5	18	4	0.2	45	0.5	2	0.30	130	75.2	1.3	0.005	60	7.3
42E	773096	16	547568	5471896	MGMT	POND	13	00	M		BR	100	16	4	15	5	0.1	195	0.5	1	0.45	110	43.2	1.8	0.005	66	7.7
42E	773097	16	548485	5467802	MGMT	1-5	76	00	M		BK BR	100	30	6	21	8	0.1	835	1.0	1	2.15	120	27.8	1.9	0.005	66	7.7
42E	773098	16	546612	5465169	MGMT	GT 5	43	00	H		BR GN	74	18	6	18	9	0.1	775	0.5	1	1.75	100	8.8	2.2	0.010	64	7.9
42E	773099	16	544699	5468614	MGMT	LT 1	33	00	M		BR	96	46	4	25	7	0.2	265	0.5	2	0.80	180	47.2	2.0	0.020	62	7.8
42E	773100	16	543182	5465894	MGMT	1-5	44	00	M		BR	96	48	5	24	8	0.1	325	0.5	1	0.90	170	36.2	2.2	0.010	64	7.6
42E	773102	16	540416	5467661	MGMT	1-5	13	00	M		BR	82	28	6	22	7	0.1	205	0.5	1	0.95	190	20.2	2.5	0.010	60	7.7
42E	773103	16	542014	5471219	MGMT	1-5	14	70	M		BR	134	64	2	46	11	0.1	295	2.5	1	0.95	200	50.4	3.9	0.010	44	7.6
42E	773104	16	542576	5472401	MGMT	POND	7	10	M		BR GN	98	52	2	31	6	0.1	70	0.5	1	0.10	210	63.6	2.3	0.040	76	7.7
42E	773105	16	542576	5472401	MGMT	POND	7	20	M		BR GN	92	44	5	28	7	0.1	65	0.5	1	0.30	170	56.6	2.0	0.010	88	7.5
42E	773106	16	533809	5469745	GRNT	1-5	18	00	M		BR	68	44	5	15	6	0.1	215	0.5	1	1.40	130	29.8	2.1	0.040	64	7.9
42E	773107	16	536898	5467832	MGMT	LT 1	22	00	M		BR	156	16	3	11	4	0.2	200	1.0	1	0.45	140	63.0	2.8	0.040	70	7.8
42E	773108	16	536624	5465520	MGMT	LT 1	20	00	M		BR	140	28	21	18	15	0.1	1600	5.0	2	2.30	230	46.4	2.8	0.010	62	7.5
42E	773109	16	537273	5462188	MGMT	POND	33	00	M		BR GN	142	44	3	24	7	0.1	235	0.5	2	0.40	190	58.4	2.6	0.010	58	7.5
42E	773110	16	539694	5464122	MGMT	LT 1	13	00	M		BR GN	120	40	7	29	6	0.2	60	0.5	1	0.25	160	55.8	1.2	0.010	56	7.4
42E	773111	16	539577	5462592	MGMT	LT 1	7	00	M		BR GN	96	34	2	22	4	0.1	35	0.5	1	0.05	140	49.4	1.6	0.010	58	7.1
42E	773112	16	543426	5461709	MGMT	GT 5	48	00	M		BR GN	94	22	9	22	10	0.1	520	0.5	1	2.20	160	11.2	2.5	0.080	74	7.7
42E	773114	16	548239	5461565	MGMT	1-5	13	00	M		BR GN	86	56	2	41	8	0.1	150	0.5	1	1.20	110	26.6	2.8	0.130	66	7.7
42E	773115	16	550707	5462262	MGMT	1-5	3	00	M		BR GN	114	38	7	43	8	0.1	95	0.5	1	0.70	140	58.2	1.8	0.040	68	7.5
42E	773116	16	550709	5463976	MGMT	1-5	38	00	M		BR GN	120	42	5	37	13	0.1	700	0.5	1	2.10	150	43.8	3.4	0.010	70	7.4
42E	773117	16	555958	5464716	MGMT	1-5	8	00	M		BR GN	114	28	3	25	4	0.2	70	0.5	1	0.40	90	61.4	0.1	0.030	56	7.3
42E	773118	16	553640	5462489	MGMT	POND	4	00	M		BR YL	98	42	3	36	7	0.1	55	0.5	1	0.50	110	42.0	1.1	0.020	70	7.4
42E	773119	16	556962	5458901	MGMT	LT 1	12	00	H		BR GN	54	12	6	15	6	0.1	365	1.0	1	1.15	80	8.0	1.8	0.120	70	7.9
42E	773120	16	559971	5461852	MGMT	1-5	23	00	M		BR	96	24	6	29	9	0.1	330	0.5	1	1.65	160	26.2	1.9	0.510	64	7.6
42E	773122	16	558739	5464498	MGMT	LT 1	12	00	M		BR	82	34	4	32	9	0.1	205	0.5	1	0.95	170	36.6	2.1	0.010	80	7.6
42E	773123	16	559492	5468392	MGMT	POND	23	00	M		BR	120	52	2	29	7	0.1	65	0.5	1	0.45	170	59.2	2.3	0.010	74	6.7
42E	773124	16	564499	5469703	MGMT	1-5	32	70	M		BR	72	16	4	16	10	0.1	580	1.0	1	2.35	110	23.8	2.0	0.050	76	7.9
42E	773125	16	565458	5469323	MGMT	LT 1	13	10	M		BR GY	24	18	2	3	1	0.1	395	0.5	7	0.35	40	4.4	4.4	0.120	78	8.0
42E	773126	16	565458	5469323	MGMT	LT 1	13	20	M		BR GY	56	20	9	19	8	0.1	460	1.0	3	1.60	60	3.4	1.7	0.200	74	7.9
42E	773127	16	569516	5469070	MGMT	POND	27	00	M		BR GY	46	20	4	13	6	0.1	175	0.5	2	0.95	90	14.6	1.6	0.160	110	7.9
42E	773128	16	565986	5471610	MGMT	LT 1	5	00	M		BR GN	68	18	6	16	5	0.1	125	0.5	2	0.50	120	37.6	1.9	0.010	68	7.7
42E	773129	16	561542	5471768	MGMT	1-5	9	00	M		BR GN	106	24	5	25	7	0.1	135	1.0	2	1.00	130	47.2	1.7	0.120	62	7.9
42E	773130	16	559149	5471452	MGMT	1-5	31	00	M		BR GN	138	28	2	12	5	0.1	65	0.5	3	0.25	90	69.6	4.5	0.030	68	7.9
42E	773131	16	562645	5464181	MGMT	POND	8	00	M		BR GN	112	52	2	37	6	0.1	60	0.5	2	0.10	170	73.8	1.3	0.005	58	7.1
42E	773132	16	563373	5462182	MGMT	POND	22	00	L		BR	110	54	3	32	8	0.1	90	0.5	3	0.55	200	49.4	1.8	0.005	56	7.2
42E	773133	16	563006	5461731	MGMT	POND	5	00	L		BR GN	98	46	4	34	5	0.1	55	0.5	4	0.35	160	52.8	1.3	0.010	64	7.3
42E	773134	16	564036	5458043	MGMT	POND	5	00	M		BR GN	96	46	5	56	13	0.1	80	0.5	2	0.65	150	45.4	1.9	0.010	58	6.1
42E	773135	16	561082	5456235	MGMT	LT 1	5	00	M		BR GN	112	34	10	28	10	0.1	195	0.5	2	1.15	160	44.0	6.6	0.530	62	7.3
42E	773136	16	557010	5454380	MGMT	1-5	5	00	M		BR GY	32	8	3	8	5	0.1	185	0.5	1	0.70	70	5.8	1.4	0.010	70	7.7
42E	773138	16	555308	5457393	MGMT	POND	13	00	M		BR GN	98	48	7	32	12	0.1	130	0.5	2	0.75	180	48.2	1.6	0.005	60	6.8
42E	773139	16	551433	5458326	MGMT	1-5	74	00	L		BR GN	114	52	18	31	13	0.1	390	1.0	2	0.70	180	59.0	2.5	0.010	64	6.8
42E	773140	16	548475	5458130	MGMT	1-5	14	00	M		BR GN	100	56	4	35	9	0.1	250	0.5	1	1.25	170	33.4	2.5	0.010	68	7.6
42E	773142	16	544659	5458219	MGMT	LT 1	28	00	M		BR GN	94	44	2	30	10	0.1	200	0.5	2	0.90	160	40.0	2.2	0.140	66	7.2
42E	773143	16	541498	5458029	MGMT	GT 5	30	00	M		BR GN	60	14	5	16	7	0.1	605	0.5	1	1.40	130	9.8	2.3	0.120	74	7.5

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, ONTARIO 1977.

GSC-OF 506, NGR 17-1977, NTS 42D, 42E(S/2)

MAP	SAMPLE	ZN	UTM COORDINATES		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	REGO			SAMP COLOR	P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U-W	F-W	PH
			EAST	NORTH					F	L	T																		
42E	773144	16	537529	5458473	MGMT	LT 1	14	70	M			BR GN	118	62	2	28	4	0.2	100	0.5	3	0.40	160	70.2	2.6	0.010	66	7.3	
42E	773145	16	536582	5458935	MGMT	LT 1	43	10	H			BR	94	50	5	29	8	0.1	315	0.5	1	1.25	210	33.4	2.9	0.020	68	7.3	
42E	773146	16	536582	5458935	MGMT	LT 1	43	20	H			BR	92	50	5	27	8	0.1	330	0.5	1	1.20	230	35.6	3.1	0.020	64	7.4	
42E	773147	16	533889	5459553	GRNG	LT 1	23	00	L		BK	BR	52	14	4	15	6	0.2	885	1.0	1	2.00	100	15.2	2.1	0.200	80	7.6	
42E	773148	16	532326	5454254	GRNT	LT 1	25	00	H			BR	58	14	4	19	6	0.1	240	0.5	1	1.00	130	30.6	2.3	0.005	68	7.5	
42E	773149	16	532206	5451276	GRNT	1-5	16	00	M			BR GN	54	18	3	18	8	0.1	625	1.0	1	1.10	80	6.6	2.0	0.010	64	7.4	
42E	773150	16	528404	5450914	GRNT	LT 1	11	00	M			BR	112	30	5	24	11	0.1	130	0.5	2	0.70	160	56.2	1.5	0.290	60	6.7	
42E	773151	16	525240	5451867	GRNT	LT 1	43	00	H			BR	72	24	4	22	8	0.1	355	0.5	1	1.80	150	25.8	2.2	0.080	84	7.5	
42E	773152	16	530236	5446510	GRNT	LT 1	6	00	M			BR GN	80	30	7	37	13	0.1	135	1.0	1	0.95	120	38.0	2.1	0.010	62	7.1	
42E	773153	16	531702	5446754	GRNG	1-5	50	00	M			BR GN	108	46	4	35	10	0.1	285	0.5	2	1.25	150	43.0	3.5	0.020	52	7.0	
42E	773154	16	535542	5447414	GRNG	1-5	21	00	H			BR GN	62	38	3	25	6	0.1	170	0.5	2	1.20	70	26.2	2.1	0.005	72	7.4	
42E	773155	16	539842	5446717	AKRK	1-5	24	00	M			BR	116	30	4	13	8	0.1	320	0.5	3	1.20	140	49.6	2.1	0.020	100	6.7	
42E	773156	16	542979	5443268	GRNG	POND	4	00	L			BR GN	46	16	5	14	6	0.1	320	0.5	1	1.10	40	13.2	1.7	0.390	92	7.6	
42E	773158	16	539149	5441528	GRNG	LT 1	74	00	H			BR GN	102	64	3	16	4	0.1	650	1.0	3	0.95	90	52.0	4.6	0.420	98	8.0	
42E	773159	16	537072	5441550	MGMT	POND	10	00	M			BR GN	134	54	2	43	6	0.1	100	0.5	4	0.40	150	67.2	2.5	0.005	84	7.4	
42E	773160	16	535651	5438480	QZFP	LT 1	71	00	M			BR	130	60	4	43	10	0.1	225	0.5	3	0.55	170	60.0	8.1	0.020	62	7.2	
42E	773163	16	532601	5436805	GRNG	GT 5	24	70	M			BR GN	32	10	2	4	3	0.1	395	0.5	4	0.75	40	9.4	1.5	0.270	140	8.1	
42E	773164	16	531403	5436091	GRNG	POND	33	10	M			BR GN	40	14	3	6	3	0.1	405	0.5	5	0.90	50	13.4	2.0	0.330	130	8.2	
42E	773165	16	531403	5436091	GRNG	POND	33	20	M			BR GN	40	14	3	6	3	0.1	450	0.5	5	0.95	50	14.8	2.3	0.390	130	8.2	
42E	773166	16	531345	5433456	GRNG	LT 1	10	00	M			BR GN	118	12	1	1	1	0.1	655	0.5	6	0.40	30	9.4	1.2	0.010	88	7.6	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM TOTAL

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	915
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	915
5 PPM *					*			ARITHMETIC MEAN	115.6339
10 PPM *					*			VARIANCE	3416.4074
20 PPM *	I				*	7	.77	STANDARD DEVIATION	58.4500
50 PPM *	XXX				*	58	6.34	SKREW	1.9722
100 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	349	38.14	EXCESS KURTOSIS	7.2987
200 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	438	47.87	COEFFICIENT OF VARIANCE, %	50.5475
500 PPM *	XXX				*	62	6.78	STANDARD ERROR OF THE MEAN	1.9323
1000 PPM *	I				*	1	.11	LOWER 95% LIMIT ON THE MEAN	111.8419
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	119.4259
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	.9301
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	230.3377
0	20	40	60	80	100			GEOMETRIC MEAN	103.0763
								LOG10 MEAN	2.0132
								LOG10 VARIANCE	.0456
								LOG10 STANDARD DEVIATION	.2135
								STANDARD ERROR ON THE MEAN	.0071
								LOWER 95% LIMIT ON THE MEAN	99.8406
								UPPER 95% LIMIT ON THE MEAN	106.4169
								LOWER 95% LIMIT ON THE RANGE	39.2788
								UPPER 95% LIMIT ON THE RANGE	270.4951
								MINIMUM VALUE	18.0000
								25TH PERCENTILE OR 1ST QUARTILE	80.0000
								50TH PERCENTILE OR MEDIAN	106.0000
								75TH PERCENTILE OR 3RD QUARTILE	138.0000
								80TH PERCENTILE	146.0000
								90TH PERCENTILE	184.0000
								95TH PERCENTILE	220.0000
								98TH PERCENTILE	285.0000
								99TH PERCENTILE	360.0000
								MAXIMUM VALUE	525.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET					SUMMARY STATISTICS	
CU	LKSD	PPM	TOTAL						
HISTOGRAM					SUMMARY STATISTICS				
**	*	*	*	*	N	%	CUM %		
100 PPB *				*				TOTAL NUMBER OF SAMPLES	915
200 PPB *				*				NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *				*				NUMBER OF NON-ZERO SAMPLES	915
1 PPM *				*				ARITHMETIC MEAN	37.5104
2 PPM *				*				VARIANCE	893.2589
5 PPM *				*				STANDARD DEVIATION	29.8874
10 PPM *	XX			*	33	3.61	3.61	SKEW	9.2347
20 PPM *	XXXXXXXX			*	143	15.63	19.23	EXCESS KURTOSIS	150.6462
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	572	62.51	81.75	COEFFICIENT OF VARIANCE, %	79.6778
100 PPM *	XXXXXXXXXX			*	150	16.39	98.14	STANDARD ERROR OF THE MEAN	.9880
200 PPM *	X			*	15	1.64	99.78	LOWER 95% LIMIT ON THE MEAN	35.5714
500 PPM *	I			*	1	.11	99.89	UPPER 95% LIMIT ON THE MEAN	39.4494
1000 PPM *	I			*	1	.11	100.00	LOWER 95% LIMIT ON THE RANGE	-21.1415
2000 PPM *				*				UPPER 95% LIMIT ON THE RANGE	96.1622
5000 PPM *				*				GEOMETRIC MEAN	31.8787
	**	*	*	*				LOG10 MEAN	1.5035
	0	20	40	60	80	100		LOG10 VARIANCE	.0579
								LOG10 STANDARD DEVIATION	.2407
								STANDARD ERROR ON THE MEAN	.0080
								LOWER 95% LIMIT ON THE MEAN	30.7530
								UPPER 95% LIMIT ON THE MEAN	33.0456
								LOWER 95% LIMIT ON THE RANGE	10.7451
								UPPER 95% LIMIT ON THE RANGE	94.5782
								MINIMUM VALUE	6.0000
								25TH PERCENTILE OR 1ST QUARTILE	24.0000
								50TH PERCENTILE OR MEDIAN	32.0000
								75TH PERCENTILE OR 3RD QUARTILE	44.0000
								80TH PERCENTILE	50.0000
								90TH PERCENTILE	62.0000
								95TH PERCENTILE	78.0000
								98TH PERCENTILE	100.0000
								99TH PERCENTILE	128.0000
								MAXIMUM VALUE	600.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM TOTAL

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	915	
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	915	
50 PPB *					*			ARITHMETIC MEAN	5.3333	
100 PPB *					*			VARIANCE	18.2640	
200 PPB *					*			STANDARD DEVIATION	4.2736	
500 PPB *					*			SKEW	2.7404	
					*			EXCESS KURTOSIS	11.5676	
1 PPM *	XXXX				*	77	8.42	8.42	COEFFICIENT OF VARIANCE, %	80.1308
2 PPM *	XXXXXXXX				*	120	13.11	21.53	STANDARD ERROR OF THE MEAN	.1413
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	408	44.59	66.12	LOWER 95% LIMIT ON THE MEAN	5.0561
10 PPM *	XXXXXXXXXXXXXXXXXXXX				*	237	25.90	92.02	UPPER 95% LIMIT ON THE MEAN	5.6106
20 PPM *	XXX				*	58	6.34	98.36	LOWER 95% LIMIT ON THE RANGE	-3.0534
50 PPM *	X				*	15	1.64	100.00	UPPER 95% LIMIT ON THE RANGE	13.7200
100 PPM *					*				GEOMETRIC MEAN	4.1645
200 PPM *					*				LOG10 MEAN	.6196
500 PPM *					*				LOG10 VARIANCE	.0945
					*				LOG10 STANDARD DEVIATION	.3074
					*				STANDARD ERROR ON THE MEAN	.0102
					*				LOWER 95% LIMIT ON THE MEAN	3.9776
					*				UPPER 95% LIMIT ON THE MEAN	4.3602
					*				LOWER 95% LIMIT ON THE RANGE	1.0384
					*				UPPER 95% LIMIT ON THE RANGE	16.7014
**	*	*	*	*	*				MINIMUM VALUE	1.0000
0	20	40	60	80	100				25TH PERCENTILE OR 1ST QUARTILE	3.0000
									50TH PERCENTILE OR MEDIAN	4.0000
									75TH PERCENTILE OR 3RD QUARTILE	6.0000
									80TH PERCENTILE	7.0000
									90TH PERCENTILE	10.0000
									95TH PERCENTILE	13.0000
									98TH PERCENTILE	19.0000
									99TH PERCENTILE	23.0000
									MAXIMUM VALUE	38.0000

VARIABLE NAME		UNIT OF MEASUREMENT		DATA SUBSET	
NI	LKSD	PPM	TOTAL		
HISTOGRAM					
**	*	*	*	*	*
10 PPB	*			N	% CUM %
20 PPB	*				
50 PPB	*				
100 PPB	*				
200 PPB	*				
500 PPB	*				
1 PPM	I			1	.11 .11
2 PPM	I			2	.22 .33
5 PPM	X			11	1.20 1.53
10 PPM	XXXXX			83	9.07 10.60
20 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXX			414	45.25 55.85
50 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXX			379	41.42 97.27
100 PPM	X			22	2.40 99.67
200 PPM	I			1	.11 99.78
500 PPM	I			2	.22 100.00
1000 PPM	*				
2000 PPM	*				
5000 PPM	*				
**	*	*	*	*	*
0	20	40	60	80	100
PERCENT					
SUMMARY STATISTICS					
				TOTAL NUMBER OF SAMPLES	915
				NUMBER OF ZERO VALUE SAMPLES	0
				NUMBER OF NON-ZERO SAMPLES	915
				ARITHMETIC MEAN	21.9705
				VARIANCE	270.1140
				STANDARD DEVIATION	16.4351
				SKEW	9.0033
				EXCESS KURTOSIS	131.3008
				COEFFICIENT OF VARIANCE, %	74.8055
				STANDARD ERROR OF THE MEAN	.5433
				LOWER 95% LIMIT ON THE MEAN	20.9042
				UPPER 95% LIMIT ON THE MEAN	23.0367
				LOWER 95% LIMIT ON THE RANGE	-10.2822
				UPPER 95% LIMIT ON THE RANGE	54.2232
				GEOMETRIC MEAN	19.0821
				LOG10 MEAN	1.2806
				LOG10 VARIANCE	.0509
				LOG10 STANDARD DEVIATION	.2256
				STANDARD ERROR ON THE MEAN	.0075
				LOWER 95% LIMIT ON THE MEAN	18.4496
				UPPER 95% LIMIT ON THE MEAN	19.7362
				LOWER 95% LIMIT ON THE RANGE	6.8839
				UPPER 95% LIMIT ON THE RANGE	52.8957
				MINIMUM VALUE	1.0000
				25TH PERCENTILE OR 1ST QUARTILE	15.0000
				50TH PERCENTILE OR MEDIAN	19.0000
				75TH PERCENTILE OR 3RD QUARTILE	26.0000
				80TH PERCENTILE	28.0000
				90TH PERCENTILE	34.0000
				95TH PERCENTILE	41.0000
				98TH PERCENTILE	56.0000
				99TH PERCENTILE	71.0000
				MAXIMUM VALUE	295.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM TOTAL

HISTOGRAM

SUMMARY STATISTICS

					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	915
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	915
50 PPB *					*			ARITHMETIC MEAN	10.3191
100 PPB *					*			VARIANCE	70.0315
200 PPB *					*			STANDARD DEVIATION	8.3685
500 PPB *					*			SKEW	3.5179
					*			EXCESS KURTOSIS	18.4431
X					*			COEFFICIENT OF VARIANCE, %	81.0968
1 PPM *					13	1.42	1.42	STANDARD ERROR OF THE MEAN	.2767
X					*			LOWER 95% LIMIT ON THE MEAN	9.7762
2 PPM *					15	1.64	3.06	UPPER 95% LIMIT ON THE MEAN	10.8620
XXXXXXXXXX					*			LOWER 95% LIMIT ON THE RANGE	-6.1034
5 PPM *					188	20.55	23.61	UPPER 95% LIMIT ON THE RANGE	26.7416
XXXXXXXXXXXXXXXXXXXXXXXXXXXX					*			GEOMETRIC MEAN	8.2902
10 PPM *					403	44.04	67.65	LOG10 MEAN	.9186
XXXXXXXXXXXXXXXXXXXX					*			LOG10 VARIANCE	.0807
20 PPM *					229	25.03	92.68	LOG10 STANDARD DEVIATION	.2841
XXX					*			STANDARD ERROR ON THE MEAN	.0034
50 PPM *					58	6.34	99.02	LOWER 95% LIMIT ON THE MEAN	7.9457
I					*			UPPER 95% LIMIT ON THE MEAN	8.6496
100 PPM *					9	.98	100.00	LOWER 95% LIMIT ON THE RANGE	2.2963
200 PPM *					*			UPPER 95% LIMIT ON THE RANGE	29.9300
500 PPM *					*			MINIMUM VALUE	1.0000
**	*	*	*	*	*			25TH PERCENTILE OR 1ST QUANTILE	6.0000
0	20	40	60	80	100			50TH PERCENTILE OR MEDIAN	8.0000
								75TH PERCENTILE OR 3RD QUANTILE	12.0000
								80TH PERCENTILE	13.0000
								90TH PERCENTILE	19.0000
								95TH PERCENTILE	24.0000
								98TH PERCENTILE	39.0000
								99TH PERCENTILE	51.0000
								MAXIMUM VALUE	84.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT
 AG LKSD PPM
 DATA SUBSET
 TOTAL

HISTOGRAM							SUMMARY STATISTICS		
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	915
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	915
5 PPB *					*			ARITHMETIC MEAN	.1107
10 PPB *					*			VARIANCE	.0016
20 PPB *					*			STANDARD DEVIATION	.0399
50 PPB *					*			SKEW	5.5172
100 PPB *	XX				*	834	91.15	EXCESS KURTOSIS	42.4972
200 PPB *	XXXX				*	73	7.98	COEFFICIENT OF VARIANCE, %	36.0393
500 PPB *	I				*	7	.77	STANDARD ERROR OF THE MEAN	.0013
1 PPM *	I				*	1	.11	LOWER 95% LIMIT ON THE MEAN	.1081
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	.1133
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	.0324
					*			UPPER 95% LIMIT ON THE RANGE	.1890
**	*	*	*	*	*			GEOMETRIC MEAN	.1070
0	20	40	60	80	100			LOG10 MEAN	-.9707
								LOG10 VARIANCE	.0097
								LOG10 STANDARD DEVIATION	.0983
								STANDARD ERROR ON THE MEAN	.0033
								LOWER 95% LIMIT ON THE MEAN	.1054
								UPPER 95% LIMIT ON THE MEAN	.1086
								LOWER 95% LIMIT ON THE RANGE	.0686
								UPPER 95% LIMIT ON THE RANGE	.1668
								MINIMUM VALUE	.1000
								25TH PERCENTILE OR 1ST QUARTILE	.1000
								50TH PERCENTILE OR MEDIAN	.1000
								75TH PERCENTILE OR 3RD QUARTILE	.1000
								80TH PERCENTILE	.1000
								90TH PERCENTILE	.1000
								95TH PERCENTILE	.2000
								98TH PERCENTILE	.2000
								99TH PERCENTILE	.2000
								MAXIMUM VALUE	.6000

VARIABLE NAME		UNIT OF MEASUREMENT		DATA SUBSET	
MN	LKSD	PPM	TOTAL		
HISTOGRAM					
**	*	*	*	*	*
1 PPM	*			N	% CUM %
2 PPM	*				
5 PPM	*				
10 PPM	*				
20 PPM	I			1	.11 .11
50 PPM	XXX			53	5.79 5.90
100 PPM	XXXXXXXXXX			175	19.13 25.03
200 PPM	XXXXXXXXXXXXXX			239	26.12 51.15
500 PPM	XXXXXXXXXXXXXXXXXX			293	32.02 83.17
1000 PPM	XXXXXX			108	11.80 94.97
2000 PPM	X			27	2.95 97.92
5000 PPM	X			17	1.86 99.78
1 PCT	*				
2 PCT	*				
5 PCT	I			2	.22 100.00
10 PCT	*				
20 PCT	*				
50 PCT	*				
**	*	*	*	*	*
0	20	40	60	80	100
PERCENT					
SUMMARY STATISTICS					
				TOTAL NUMBER OF SAMPLES	915
				NUMBER OF ZERO VALUE SAMPLES	0
				NUMBER OF NON-ZERO SAMPLES	915
				ARITHMETIC MEAN	418.3443
				VARIANCE	*****
				STANDARD DEVIATION	1899.2870
				SKEW	20.7689
				EXCESS KURTOSIS	467.0045
				COEFFICIENT OF VARIANCE, %	454.0010
				STANDARD ERROR OF THE MEAN	62.7885
				LOWER 95% LIMIT ON THE MEAN	295.1266
				UPPER 95% LIMIT ON THE MEAN	541.5620
				LOWER 95% LIMIT ON THE RANGE	-3308.8639
				UPPER 95% LIMIT ON THE RANGE	4145.5525
				GEOMETRIC MEAN	208.7864
				LOG10 MEAN	2.3197
				LOG10 VARIANCE	.1729
				LOG10 STANDARD DEVIATION	.4158
				STANDARD ERROR ON THE MEAN	.0137
				LOWER 95% LIMIT ON THE MEAN	196.2122
				UPPER 95% LIMIT ON THE MEAN	222.1664
				LOWER 95% LIMIT ON THE RANGE	31.8934
				UPPER 95% LIMIT ON THE RANGE	1366.7972
				MINIMUM VALUE	20.0000
				25TH PERCENTILE OR 1ST QUARTILE	105.0000
				50TH PERCENTILE OR MEDIAN	200.0000
				75TH PERCENTILE OR 3RD QUARTILE	365.0000
				80TH PERCENTILE	440.0000
				90TH PERCENTILE	700.0000
				95TH PERCENTILE	1025.0000
				98TH PERCENTILE	2100.0000
				99TH PERCENTILE	2600.0000
				MAXIMUM VALUE	47000.0000

VARIABLE NAME AS LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
**	*	*	*	*	*		
I	*	*	*	*	*		
10 PPB *			4	.44	.44	TOTAL NUMBER OF SAMPLES	915
						NUMBER OF ZERO VALUE SAMPLES	4
						NUMBER OF NON-ZERO SAMPLES	911
20 PPB *							
50 PPB *						ARITHMETIC MEAN	.9276
						VARIANCE	2.8898
100 PPB *						STANDARD DEVIATION	1.6999
						SKEW	9.2443
200 PPB *						EXCESS KURTOSIS	120.7269
500 PPB *	XX		720	78.79	79.13	COEFFICIENT OF VARIANCE, %	183.2718
	XXXXX		91	9.95	89.07	STANDARD ERROR OF THE MEAN	.0563
1 PPM *						LOWER 95% LIMIT ON THE MEAN	.8170
	XX		41	4.48	93.55	UPPER 95% LIMIT ON THE MEAN	1.0381
2 PPM *							
	XX		39	4.26	97.81	LOWER 95% LIMIT ON THE RANGE	-2.4085
5 PPM *						UPPER 95% LIMIT ON THE RANGE	4.2636
	X		15	1.64	99.45		
10 PPM *							
	I		4	.44	99.89	GEOMETRIC MEAN	.6527
20 PPM *						LOG10 MEAN	-.1853
	I		1	.11	100.00	LOG10 VARIANCE	.0715
50 PPM *						LOG10 STANDARD DEVIATION	.2675
100 PPM *						STANDARD ERROR ON THE MEAN	.0089
						LOWER 95% LIMIT ON THE MEAN	.6271
200 PPM *						UPPER 95% LIMIT ON THE MEAN	.6794
500 PPM *						LOWER 95% LIMIT ON THE RANGE	.1949
						UPPER 95% LIMIT ON THE RANGE	2.1858
**	*	*	*	*	*		
0	20	40	60	80	100		
						MINIMUM VALUE	.5000
						25TH PERCENTILE OR 1ST QUARTILE	.5000
						50TH PERCENTILE OR MEDIAN	.5000
						75TH PERCENTILE OR 3RD QUARTILE	.5000
						80TH PERCENTILE	1.0000
						90TH PERCENTILE	1.5000
						95TH PERCENTILE	2.5000
						98TH PERCENTILE	6.0000
						99TH PERCENTILE	7.5000
						MAXIMUM VALUE	30.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET				
MO	LKSD	PPM	TOTAL				
HISTOGRAM							
			N	%	CUM %	SUMMARY STATISTICS	
**	*	*	*	*	*	TOTAL NUMBER OF SAMPLES	
10 PPB *			*			915	
20 PPB *			*			NUMBER OF ZERO VALUE SAMPLES	
50 PPB *			*			0	
100 PPB *			*			NUMBER OF NON-ZERO SAMPLES	
200 PPB *			*			915	
500 PPB *			*			ARITHMETIC MEAN	
			*			2.2940	
			*			VARIANCE	
			*			3.1290	
			*			STANDARD DEVIATION	
			*			1.7689	
			*			SKEW	
			*			2.5698	
			*			EXCESS KURTOSIS	
			*			9.8827	
			*			COEFFICIENT OF VARIANCE, %	
			*			77.1103	
	XXXXXXXXXXXXXXXXXXXXXX		*	375	40.98	40.98	STANDARD ERROR OF THE MEAN
1 PPM *			*				.0585
	XXXXXXXXXXXXXXXXXXXXXX		*	262	28.73	69.62	LOWER 95% LIMIT ON THE MEAN
2 PPM *			*				2.1792
	XXXXXXXXXXXXXXXXXXXXXX		*	223	24.37	93.99	UPPER 95% LIMIT ON THE MEAN
5 PPM *			*				2.4087
	XXX		*	50	5.46	99.45	LOWER 95% LIMIT ON THE RANGE
10 PPM *			*				-1.1773
	I		*	5	.55	100.00	UPPER 95% LIMIT ON THE RANGE
20 PPM *			*				5.7653
			*				GEOMETRIC MEAN
50 PPM *			*				1.8598
			*				LOG10 MEAN
100 PPM *			*				.2695
			*				LOG10 VARIANCE
200 PPM *			*				.0713
			*				LOG10 STANDARD DEVIATION
500 PPM *			*				.2669
			*				STANDARD ERROR ON THE MEAN
			*				.0089
			*				LOWER 95% LIMIT ON THE MEAN
			*				1.7871
			*				UPPER 95% LIMIT ON THE MEAN
			*				1.9355
			*				LOWER 95% LIMIT ON THE RANGE
			*				.5567
			*				UPPER 95% LIMIT ON THE RANGE
			*				6.2130
**	*	*	*	*	*	*	MINIMUM VALUE
0	20	40	60	80	100		1.0000
PERCENT							
							25TH PERCENTILE OR 1ST QUARTILE
							1.0000
							50TH PERCENTILE OR MEDIAN
							2.0000
							75TH PERCENTILE OR 3RD QUARTILE
							3.0000
							80TH PERCENTILE
							3.0000
							90TH PERCENTILE
							4.0000
							95TH PERCENTILE
							6.0000
							98TH PERCENTILE
							8.0000
							99TH PERCENTILE
							9.0000
							MAXIMUM VALUE
							15.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		SUMMARY STATISTICS	
FE	LKSD	PCT	TOTAL			
HISTOGRAM						
			N	%	CUM %	
**	*	*	*	*	*	
10 PPM	*		2	.22	.22	TOTAL NUMBER OF SAMPLES 915
20 PPM	*					NUMBER OF ZERO VALUE SAMPLES 2
50 PPM	*					NUMBER OF NON-ZERO SAMPLES 913
100 PPM	*					ARITHMETIC MEAN 1.2053
200 PPM	*					VARIANCE .8746
500 PPM	*		1	.11	.33	STANDARD DEVIATION .9352
1000 PPM	*		4	.44	.77	SKEW 2.7514
2000 PPM	*		11	1.20	1.97	EXCESS KURTOSIS 12.0180
5000 PPM	*		151	16.50	18.47	COEFFICIENT OF VARIANCE, % 77.5956
1 PCT	*		331	36.17	54.64	STANDARD ERROR OF THE MEAN .0310
2 PCT	*		310	33.88	88.52	LOWER 95% LIMIT ON THE MEAN 1.1445
5 PCT	*		98	10.71	99.23	UPPER 95% LIMIT ON THE MEAN 1.2660
10 PCT	*		7	.77	100.00	LOWER 95% LIMIT ON THE RANGE -.6301
20 PCT	*					UPPER 95% LIMIT ON THE RANGE 3.0406
50 PCT	*					GEOMETRIC MEAN .9586
						LOG10 MEAN -.0184
						LOG10 VARIANCE .0870
						LOG10 STANDARD DEVIATION .2949
						STANDARD ERROR ON THE MEAN .0098
						LOWER 95% LIMIT ON THE MEAN .9172
						UPPER 95% LIMIT ON THE MEAN 1.0018
						LOWER 95% LIMIT ON THE RANGE .2529
						UPPER 95% LIMIT ON THE RANGE 3.6334
						MINIMUM VALUE .0500
						25TH PERCENTILE OR 1ST QUARTILE .6500
						50TH PERCENTILE OR MEDIAN .9500
						75TH PERCENTILE OR 3RD QUARTILE 1.4500
						80TH PERCENTILE 1.6500
						90TH PERCENTILE 2.2500
						95TH PERCENTILE 3.0500
						98TH PERCENTILE 3.9500
						99TH PERCENTILE 4.9000
						MAXIMUM VALUE 8.7500

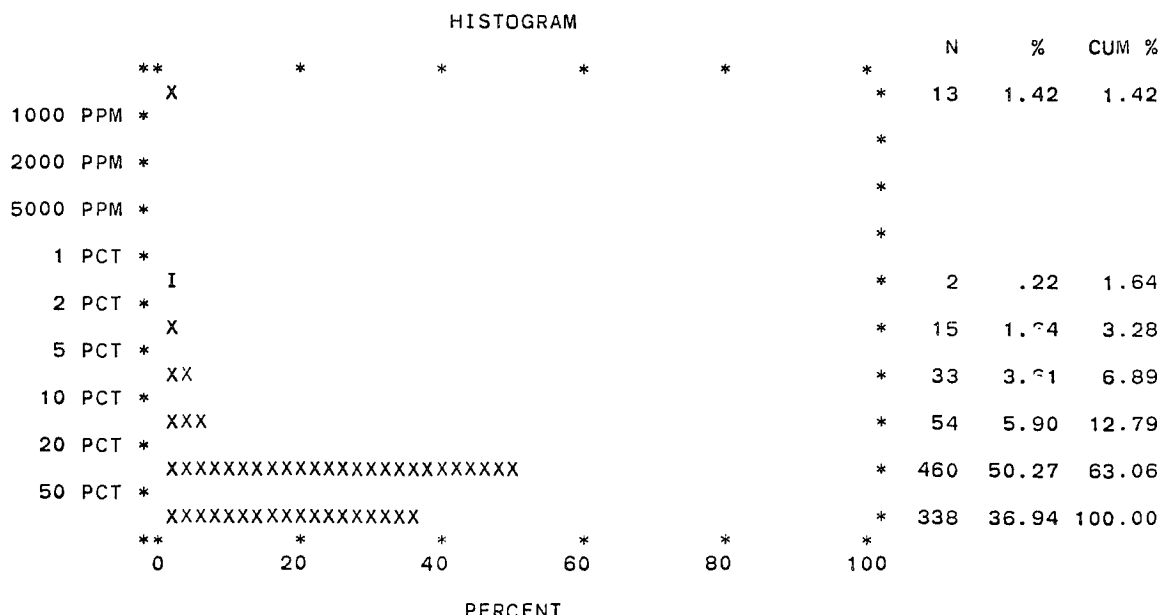
PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB TOTAL

HISTOGRAM							SUMMARY STATISTICS			
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	915
1 PPB *	X					11	1.20	1.20	NUMBER OF ZERO VALUE SAMPLES	11
2 PPB *									NUMBER OF NON-ZERO SAMPLES	904
5 PPB *									ARITHMETIC MEAN	134.8396
10 PPB *									VARIANCE	2565.6165
20 PPB *									STANDARD DEVIATION	50.6519
50 PPB *	XXX					49	5.36	6.56	SKEW	.3213
100 PPB *	XXXXXXXXXXXX					201	21.97	28.52	EXCESS KURTOSIS	-.0541
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					574	62.73	91.26	COEFFICIENT OF VARIANCE, %	37.5646
500 PPB *	XXXX					80	8.74	100.00	STANDARD ERROR OF THE MEAN	1.6847
1 PPM *									LOWER 95% LIMIT ON THE MEAN	131.5335
2 PPM *									UPPER 95% LIMIT ON THE MEAN	138.1457
5 PPM *									LOWER 95% LIMIT ON THE RANGE	35.4362
**	*	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	234.2430
0	20	40	60	80	100				GEOMETRIC MEAN	124.3281
									LOG10 MEAN	2.0946
									LOG10 VARIANCE	.0343
									LOG10 STANDARD DEVIATION	.1852
									STANDARD ERROR ON THE MEAN	.0062
									LOWER 95% LIMIT ON THE MEAN	120.9147
									UPPER 95% LIMIT ON THE MEAN	127.8377
									LOWER 95% LIMIT ON THE RANGE	53.8350
									UPPER 95% LIMIT ON THE RANGE	287.1265
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUARTILE	100.0000
									50TH PERCENTILE OR MEDIAN	130.0000
									75TH PERCENTILE OR 3RD QUARTILE	170.0000
									80TH PERCENTILE	180.0000
									90TH PERCENTILE	200.0000
									95TH PERCENTILE	220.0000
									98TH PERCENTILE	250.0000
									99TH PERCENTILE	260.0000
									MAXIMUM VALUE	320.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT TOTAL



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	915
NUMBER OF ZERO VALUE SAMPLES	13
NUMBER OF NON-ZERO SAMPLES	902
ARITHMETIC MEAN	43.2987
VARIANCE	280.9640
STANDARD DEVIATION	16.7620
SKEW	-.4998
EXCESS KURTOSIS	-.0558
COEFFICIENT OF VARIANCE, %	38.7125
STANDARD ERROR OF THE MEAN	.5581
LOWER 95% LIMIT ON THE MEAN	42.2034
UPPER 95% LIMIT ON THE MEAN	44.3940
LOWER 95% LIMIT ON THE RANGE	10.4034
UPPER 95% LIMIT ON THE RANGE	76.1939
GEOMETRIC MEAN	38.0335
LOG10 MEAN	1.5802
LOG10 VARIANCE	.0710
LOG10 STANDARD DEVIATION	.2664
STANDARD ERROR ON THE MEAN	.0089
LOWER 95% LIMIT ON THE MEAN	36.5392
UPPER 95% LIMIT ON THE MEAN	39.5888
LOWER 95% LIMIT ON THE RANGE	11.4129
UPPER 95% LIMIT ON THE RANGE	126.7464
MINIMUM VALUE	1.8000
25TH PERCENTILE OR 1ST QUARTILE	34.4000
50TH PERCENTILE OR MEDIAN	46.2000
75TH PERCENTILE OR 3RD QUARTILE	54.0000
80TH PERCENTILE	56.8000
90TH PERCENTILE	62.6000
95TH PERCENTILE	68.2000
98TH PERCENTILE	72.8000
99TH PERCENTILE	78.0000
MAXIMUM VALUE	96.8000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET				
U	LKSD	PPM	TOTAL				
HISTOGRAM							
**	*	*	*	*			
1 PPB *							
2 PPB *							
5 PPB *							
10 PPB *							
20 PPB *							
50 PPB *							
100 PPB * I							
200 PPB * I							
500 PPB * I							
1 PPM * X							
2 PPM * XXXXXXXXXXXXX							
5 PPM * XXXXXXXXXXXXXXXXXXXXXXXX							
10 PPM * XXXXXXXXX							
20 PPM * XXXXX							
50 PPM * X							
100 PPM * I							
200 PPM *							
500 PPM *							
**	*	*	*	*			
0	20	40	60	80			
				100			
PERCENT							
SUMMARY STATISTICS							
			N	%	CUM %		
						TOTAL NUMBER OF SAMPLES	915
						NUMBER OF ZERO VALUE SAMPLES	0
						NUMBER OF NON-ZERO SAMPLES	915
						ARITHMETIC MEAN	5.1651
						VARIANCE	35.2277
						STANDARD DEVIATION	5.9353
						SKEW	4.9488
						EXCESS KURTOSIS	45.3090
						COEFFICIENT OF VARIANCE, %	114.9106
			1	.11	.11	STANDARD ERROR OF THE MEAN	.1962
			1	.11	.22	LOWER 95% LIMIT ON THE MEAN	4.7801
			2	.22	.44	UPPER 95% LIMIT ON THE MEAN	5.5502
			20	2.19	2.62	LOWER 95% LIMIT ON THE RANGE	-6.4824
			215	23.50	26.12	UPPER 95% LIMIT ON THE RANGE	16.8127
			397	43.39	69.51	GEOMETRIC MEAN	3.5669
			164	17.92	87.43	LOG10 MEAN	.5523
			93	10.16	97.60	LOG10 VARIANCE	.1262
			21	2.30	99.89	LOG10 STANDARD DEVIATION	.3552
			1	.11	100.00	STANDARD ERROR ON THE MEAN	.0117
						LOWER 95% LIMIT ON THE MEAN	3.3826
						UPPER 95% LIMIT ON THE MEAN	3.7613
						LOWER 95% LIMIT ON THE RANGE	.7166
						UPPER 95% LIMIT ON THE RANGE	17.7547
						MINIMUM VALUE	.1000
						25TH PERCENTILE OR 1ST QUARTILE	2.0000
						50TH PERCENTILE OR MEDIAN	3.1000
						75TH PERCENTILE OR 3RD QUARTILE	6.4000
						80TH PERCENTILE	7.5000
						90TH PERCENTILE	11.1000
						95TH PERCENTILE	15.1000
						98TH PERCENTILE	22.1000
						99TH PERCENTILE	28.0000
						MAXIMUM VALUE	85.9000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET			SUMMARY STATISTICS			
U	LKWR	PPB	TOTAL						
HISTOGRAM									
**	*	*	*	*	N	%	CUM %		
1 PPT	*		*	*				TOTAL NUMBER OF SAMPLES	915
2 PPT	*		*	*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPT	*	XXXXXXXXXX	*	*	181	19.78	19.78	NUMBER OF NON-ZERO SAMPLES	915
10 PPT	*	XXXXXXXXXX	*	*	170	18.58	38.36	ARITHMETIC MEAN	.0974
20 PPT	*	XXXX	*	*	76	8.31	46.67	VARIANCE	.0212
50 PPT	*	XXXXX	*	*	86	9.40	56.07	STANDARD DEVIATION	.1456
100 PPT	*	XXXXXXXXXX	*	*	142	15.52	71.58	SKEW	2.9375
200 PPT	*	XXXXXXXX	*	*	124	13.55	85.14	EXCESS KURTOSIS	13.0964
500 PPT	*	XXXXXX	*	*	111	12.13	97.27	COEFFICIENT OF VARIANCE, %	149.4073
1 PPB	*	X	*	*	24	2.62	99.89	STANDARD ERROR OF THE MEAN	.0048
2 PPB	*	I	*	*	1	.11	100.00	LOWER 95% LIMIT ON THE MEAN	.0880
5 PPB	*		*	*				UPPER 95% LIMIT ON THE MEAN	.1069
10 PPB	*		*	*				LOWER 95% LIMIT ON THE RANGE	-.1882
20 PPB	*		*	*				UPPER 95% LIMIT ON THE RANGE	.3831
50 PPB	*		*	*				GEOMETRIC MEAN	.0352
								LOG10 MEAN	-1.4530
								LOG10 VARIANCE	.4287
								LOG10 STANDARD DEVIATION	.6548
								STANDARD ERROR ON THE MEAN	.0216
								LOWER 95% LIMIT ON THE MEAN	.0320
								UPPER 95% LIMIT ON THE MEAN	.0389
								LOWER 95% LIMIT ON THE RANGE	.0018
								UPPER 95% LIMIT ON THE RANGE	.6791
**	*	*	*	*	*			MINIMUM VALUE	.0050
0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUANTILE	.0100
PERCENT								50TH PERCENTILE OR MEDIAN	.0400
								75TH PERCENTILE OR 3RD QUANTILE	.1300
								80TH PERCENTILE	.1700
								90TH PERCENTILE	.2700
								95TH PERCENTILE	.3900
								98TH PERCENTILE	.5500
								99TH PERCENTILE	.7000
								MAXIMUM VALUE	1.4400

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET			
F	LKWR	PPB	TOTAL			
HISTOGRAM						
**	*	*	*	*	N	% CUM %
1 PPB *				*		
2 PPB *				*		
5 PPB *				*		
10 PPB *				*		
20 PPB *				*		
50 PPB *	XXXXXXXXXXXXXX			*	255	27.87 27.87
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	624	68.20 96.07
200 PPB *	XX			*	30	3.28 99.34
500 PPB *	I			*	5	.55 99.89
1 PPM *	I			*	1	.11 100.00
2 PPM *				*		
5 PPM *				*		
**	*	*	*	*		
0	20	40	60	80	100	
PERCENT						
SUMMARY STATISTICS						
					TOTAL NUMBER OF SAMPLES	915
					NUMBER OF ZERO VALUE SAMPLES	0
					NUMBER OF NON-ZERO SAMPLES	915
					ARITHMETIC MEAN	62.7082
					VARIANCE	962.9903
					STANDARD DEVIATION	31.0321
					SKEW	9.6836
					EXCESS KURTOSIS	148.3926
					COEFFICIENT OF VARIANCE, %	49.4865
					STANDARD ERROR OF THE MEAN	1.0259
					LOWER 95% LIMIT ON THE MEAN	60.6950
					UPPER 95% LIMIT ON THE MEAN	64.7214
					LOWER 95% LIMIT ON THE RANGE	1.8101
					UPPER 95% LIMIT ON THE RANGE	123.6063
					GEOMETRIC MEAN	59.4994
					LOG10 MEAN	1.7745
					LOG10 VARIANCE	.0152
					LOG10 STANDARD DEVIATION	.1232
					STANDARD ERROR ON THE MEAN	.0041
					LOWER 95% LIMIT ON THE MEAN	58.4146
					UPPER 95% LIMIT ON THE MEAN	60.6043
					LOWER 95% LIMIT ON THE RANGE	34.1031
					UPPER 95% LIMIT ON THE RANGE	103.8080
					MINIMUM VALUE	30.0000
					25TH PERCENTILE OR 1ST QUARTILE	50.0000
					50TH PERCENTILE OR MEDIAN	58.0000
					75TH PERCENTILE OR 3RD QUARTILE	66.0000
					80TH PERCENTILE	70.0000
					90TH PERCENTILE	80.0000
					95TH PERCENTILE	98.0000
					98TH PERCENTILE	140.0000
					99TH PERCENTILE	170.0000
					MAXIMUM VALUE	640.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
TOTAL	ZN LKSD	PPM	915	116.	58.5	50.5	1.97	7.30	112.	119.	103.	2.0132	.2135	99.8	106.
TOTAL	CU LKSD	PPM	915	37.5	29.9	79.7	9.23	150.65	35.6	39.4	31.9	1.5035	.2407	30.8	33.0
TOTAL	PB LKSD	PPM	915	5.33	4.27	80.1	2.74	11.57	5.06	5.61	4.16	.6196	.3074	3.98	4.36
TOTAL	NI LKSD	PPM	915	22.0	16.4	74.8	9.00	131.30	20.9	23.0	19.1	1.2806	.2256	18.4	19.7
TOTAL	CO LKSD	PPM	915	10.3	8.37	81.1	3.52	18.44	9.78	10.9	8.29	.9186	.2841	7.95	8.65
TOTAL	AG LKSD	PPM	915	.111	.399E-01	36.0	5.52	42.50	.108	.113	.107	-.9707	.0983	.105	.109
TOTAL	MN LKSD	PPM	915	418.	.190E+04	454.0	20.77	467.00	295.	542.	209.	2.3197	.4158	196.	222.
TOTAL	AS LKSD	PPM	911	.928	1.70	183.3	9.24	120.73	.817	1.04	.653	-.1853	.2675	.627	.679
TOTAL	MO LKSD	PPM	915	2.29	1.77	77.1	2.57	9.88	2.18	2.41	1.86	.2695	.2669	1.79	1.94
TOTAL	FE LKSD	PCT	913	1.21	.935	77.6	2.75	12.02	1.14	1.27	.959	-.0184	.2949	.917	1.00
TOTAL	HG LKSD	PPB	904	135.	50.7	37.6	.32	-.05	132.	138.	124.	2.0946	.1852	121.	128.
TOTAL	LOI LKSD	PCT	902	43.3	16.8	38.7	-.50	-.06	42.2	44.4	38.0	1.5802	.2664	36.5	39.6
TOTAL	U LKSD	PPM	915	5.17	5.94	114.9	4.95	45.31	4.78	5.55	3.57	.5523	.3552	3.38	3.76
TOTAL	U LKWR	PPB	915	.974E-01	.146	149.4	2.94	13.10	.880E-01	.107	.352E-01	-1.4530	.6548	.320E-01	.389E-01
TOTAL	F LKWR	PPB	915	62.7	31.0	49.5	9.68	148.39	60.7	64.7	59.5	1.7745	.1232	58.4	60.6

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
TOTAL	ZN LKSD	PPM	915	18.000	80.000	106.000	138.000	146.000	184.000	220.000	285.000	360.000	525.000	
TOTAL	CU LKSD	PPM	915	6.000	24.000	32.000	44.000	50.000	62.000	78.000	100.000	128.000	600.000	
TOTAL	PB LKSD	PPM	915	1.000	3.000	4.000	6.000	7.000	10.000	13.000	19.000	23.000	38.000	
TOTAL	NI LKSD	PPM	915	1.000	15.000	19.000	26.000	28.000	34.000	41.000	56.000	71.000	295.000	
TOTAL	CO LKSD	PPM	915	1.000	6.000	8.000	12.000	13.000	19.000	24.000	39.000	51.000	84.000	
TOTAL	AG LKSD	PPM	915	.100	.100	.100	.100	.100	.100	.200	.200	.200	.600	
TOTAL	MN LKSD	PPM	915	20.000	105.000	200.000	365.000	440.000	700.000	1025.000	2100.000	2600.000	4700.000	
TOTAL	AS LKSD	PPM	911	.500	.500	.500	.500	1.000	1.500	2.500	6.000	7.500	30.000	
TOTAL	MO LKSD	PPM	915	1.000	1.000	2.000	3.000	3.000	4.000	6.000	8.000	9.000	15.000	
TOTAL	FE LKSD	PCT	913	.050	.650	.950	1.450	1.650	2.250	3.050	3.950	4.900	8.750	
TOTAL	HG LKSD	PPB	904	30.000	100.000	130.000	170.000	180.000	200.000	220.000	250.000	260.000	320.000	
TOTAL	LOI LKSD	PCT	902	1.800	34.400	46.200	54.000	56.800	62.600	68.200	72.800	78.000	96.800	
TOTAL	U LKSD	PPM	915	.100	2.000	3.100	6.400	7.500	11.100	15.100	22.100	28.000	85.900	
TOTAL	U LKWR	PPB	915	.005	.010	.040	.130	.170	.270	.390	.550	.700	1.440	
TOTAL	F LKWR	PPB	915	30.000	50.000	58.000	66.000	70.000	80.000	98.000	140.000	170.000	640.000	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM AKRK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	24
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	24
5 PPM *					*			ARITHMETIC MEAN	158.6250
10 PPM *					*			VARIANCE	4628.8533
20 PPM *					*			STANDARD DEVIATION	68.0357
50 PPM *					*			SKEW	.7384
100 PPM *	XXXXXXXX				*	4	16.67	EXCESS KURTOSIS	-.5934
200 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	14	58.33	COEFFICIENT OF VARIANCE, %	42.8909
500 PPM *	XXXXXXXXXXXX				*	6	25.00	STANDARD ERROR OF THE MEAN	13.8877
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	129.9607
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	187.2893
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	18.1994
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	299.0506
	0	20	40	60	80	100		GEOMETRIC MEAN	145.7140
								LOG10 MEAN	2.1635
								LOG10 VARIANCE	.0333
								LOG10 STANDARD DEVIATION	.1824
								STANDARD ERROR ON THE MEAN	.0372
								LOWER 95% LIMIT ON THE MEAN	122.0783
								UPPER 95% LIMIT ON THE MEAN	173.9257
								LOWER 95% LIMIT ON THE RANGE	61.2284
								UPPER 95% LIMIT ON THE RANGE	346.7765
								MINIMUM VALUE	66.0000
								25TH PERCENTILE OR 1ST QUARTILE	114.0000
								50TH PERCENTILE OR MEDIAN	144.0000
								75TH PERCENTILE OR 3RD QUARTILE	210.0000
								80TH PERCENTILE	230.0000
								90TH PERCENTILE	285.0000
								95TH PERCENTILE	300.0000
								98TH PERCENTILE	300.0000
								99TH PERCENTILE	300.0000
								MAXIMUM VALUE	300.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	16
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	16
10 PPM *									ARITHMETIC MEAN	118.0000
20 PPM *									VARIANCE	1308.2667
50 PPM *									STANDARD DEVIATION	36.1700
100 PPM *	XXXXXXXXXXXXXXXXXX					5	31.25	31.25	SKEW	-.2531
200 PPM *	XX					11	68.75	100.00	EXCESS KURTOSIS	-1.0956
500 PPM *									COEFFICIENT OF VARIANCE, %	30.6525
1000 PPM *									STANDARD ERROR OF THE MEAN	9.0425
2000 PPM *									LOWER 95% LIMIT ON THE MEAN	98.8299
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	137.1701
									LOWER 95% LIMIT ON THE RANGE	41.3197
									UPPER 95% LIMIT ON THE RANGE	194.6803
									GEOMETRIC MEAN	112.1413
									LOG10 MEAN	2.0498
									LOG10 VARIANCE	.0222
									LOG10 STANDARD DEVIATION	.1488
	**	*	*	*	*				STANDARD ERROR ON THE MEAN	.0372
	0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	93.5151
									UPPER 95% LIMIT ON THE MEAN	134.4774
									LOWER 95% LIMIT ON THE RANGE	54.2288
									UPPER 95% LIMIT ON THE RANGE	231.8999
									MINIMUM VALUE	60.0000
									25TH PERCENTILE OR 1ST QUARTILE	88.0000
									50TH PERCENTILE OR MEDIAN	128.0000
									75TH PERCENTILE OR 3RD QUARTILE	152.0000
									80TH PERCENTILE	153.0000
									90TH PERCENTILE	158.0000
									95TH PERCENTILE	176.0000
									98TH PERCENTILE	176.0000
									99TH PERCENTILE	176.0000
									MAXIMUM VALUE	176.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	384
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	384
10 PPM *									ARITHMETIC MEAN	116.7943
20 PPM *									VARIANCE	2658.7644
50 PPM *									STANDARD DEVIATION	51.5632
100 PPM *									SKEW	.8934
200 PPM *									EXCESS KURTOSIS	1.6341
500 PPM *									COEFFICIENT OF VARIANCE, %	44.1487
1000 PPM *									STANDARD ERROR OF THE MEAN	2.6313
2000 PPM *									LOWER 95% LIMIT ON THE MEAN	111.6202
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	121.9683
									LOWER 95% LIMIT ON THE RANGE	15.4045
									UPPER 95% LIMIT ON THE RANGE	218.1840
									GEOMETRIC MEAN	105.0300
									LOG10 MEAN	2.0213
									LOG10 VARIANCE	.0453
									LOG10 STANDARD DEVIATION	.2128
									STANDARD ERROR ON THE MEAN	.0109
									LOWER 95% LIMIT ON THE MEAN	99.9899
									UPPER 95% LIMIT ON THE MEAN	110.3241
									LOWER 95% LIMIT ON THE RANGE	40.0681
									UPPER 95% LIMIT ON THE RANGE	275.3137
									MINIMUM VALUE	18.0000
									25TH PERCENTILE OR 1ST QUANTILE	82.0000
									50TH PERCENTILE OR MEDIAN	110.0000
									75TH PERCENTILE OR 3RD QUANTILE	144.0000
									80TH PERCENTILE	156.0000
									90TH PERCENTILE	186.0000
									95TH PERCENTILE	210.0000
									98TH PERCENTILE	245.0000
									99TH PERCENTILE	275.0000
									MAXIMUM VALUE	360.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM GRNG

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	230
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	230
5 PPM *					*			ARITHMETIC MEAN	96.2000
10 PPM *					*			VARIANCE	1297.3747
20 PPM *					*			STANDARD DEVIATION	36.0191
50 PPM *	XXXX				*	18	7.83	SKEW	.9656
100 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	119	51.74	EXCESS KURTOSIS	1.8705
200 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	91	39.57	COEFFICIENT OF VARIANCE, %	37.4419
500 PPM *	I				*	2	.87	STANDARD ERROR OF THE MEAN	2.3750
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	91.5193
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	100.8807
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	25.2136
					*			UPPER 95% LIMIT ON THE RANGE	167.1864
					*			GEOMETRIC MEAN	89.7725
					*			LOG10 MEAN	1.9531
					*			LOG10 VARIANCE	.0271
					*			LOG10 STANDARD DEVIATION	.1647
**	*	*	*	*	*			STANDARD ERROR ON THE MEAN	.0109
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	85.4567
								UPPER 95% LIMIT ON THE MEAN	94.3063
								LOWER 95% LIMIT ON THE RANGE	42.5245
								UPPER 95% LIMIT ON THE RANGE	189.5170
								MINIMUM VALUE	28.0000
								25TH PERCENTILE OR 1ST QUARTILE	72.0000
								50TH PERCENTILE OR MEDIAN	92.0000
								75TH PERCENTILE OR 3RD QUARTILE	116.0000
								80TH PERCENTILE	126.0000
								90TH PERCENTILE	140.0000
								95TH PERCENTILE	152.0000
								98TH PERCENTILE	194.0000
								99TH PERCENTILE	220.0000
								MAXIMUM VALUE	260.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	7
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	7
10 PPM *									ARITHMETIC MEAN	118.8571
20 PPM *									VARIANCE	1449.1429
50 PPM *									STANDARD DEVIATION	38.0676
100 PPM *	XXXXXXXXXXXXXXXX					2	28.57	28.57	SKEW	1.3859
200 PPM *	XX					5	71.43	100.00	EXCESS KURTOSIS	.8685
500 PPM *									COEFFICIENT OF VARIANCE, %	32.0280
1000 PPM *									STANDARD ERROR OF THE MEAN	14.3882
2000 PPM *									LOWER 95% LIMIT ON THE MEAN	84.8290
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	152.8852
									LOWER 95% LIMIT ON THE RANGE	28.8272
									UPPER 95% LIMIT ON THE RANGE	208.8870
									GEOMETRIC MEAN	114.5244
									LOG10 MEAN	2.0599
									LOG10 VARIANCE	.0151
									LOG10 STANDARD DEVIATION	.1230
	**	*	*	*	*				STANDARD ERROR ON THE MEAN	.0465
	0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	88.9036
									UPPER 95% LIMIT ON THE MEAN	147.5287
									LOWER 95% LIMIT ON THE RANGE	58.6033
									UPPER 95% LIMIT ON THE RANGE	223.8071
									MINIMUM VALUE	80.0000
									25TH PERCENTILE OR 1ST QUARTILE	104.0000
									50TH PERCENTILE OR MEDIAN	108.0000
									75TH PERCENTILE OR 3RD QUARTILE	130.0000
									80TH PERCENTILE	198.0000
									90TH PERCENTILE	198.0000
									95TH PERCENTILE	198.0000
									98TH PERCENTILE	198.0000
									99TH PERCENTILE	198.0000
									MAXIMUM VALUE	198.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM MGMT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	79
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	79
5 PPM *					*			ARITHMETIC MEAN	89.8987
10 PPM *					*			VARIANCE	898.4512
20 PPM *	X				*	2	2.53	STANDARD DEVIATION	29.9742
50 PPM *	XXXX				*	6	7.59	SKEW	-.4225
100 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	46	58.23	EXCESS KURTOSIS	-.0653
200 PPM *	XXXXXXXXXXXXXXXXXXXX				*	25	31.65	COEFFICIENT OF VARIANCE, %	33.3422
500 PPM *					*			STANDARD ERROR OF THE MEAN	3.3724
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	83.1853
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	96.6122
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	30.2285
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	149.5689
0	20	40	60	80	100			GEOMETRIC MEAN	83.2516
								LOG10 MEAN	1.9204
								LOG10 VARIANCE	.0364
								LOG10 STANDARD DEVIATION	.1907
								STANDARD ERROR ON THE MEAN	.0215
								LOWER 95% LIMIT ON THE MEAN	75.4546
								UPPER 95% LIMIT ON THE MEAN	91.8542
								LOWER 95% LIMIT ON THE RANGE	34.7381
								UPPER 95% LIMIT ON THE RANGE	199.5164
								MINIMUM VALUE	18.0000
								25TH PERCENTILE OR 1ST QUARTILE	76.0000
								50TH PERCENTILE OR MEDIAN	96.0000
								75TH PERCENTILE OR 3RD QUARTILE	110.0000
								80TH PERCENTILE	114.0000
								90TH PERCENTILE	132.0000
								95TH PERCENTILE	138.0000
								98TH PERCENTILE	142.0000
								99TH PERCENTILE	156.0000
								MAXIMUM VALUE	156.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	3
1 PPM	*				*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM	*				*			NUMBER OF NON-ZERO SAMPLES	3
5 PPM	*				*			ARITHMETIC MEAN	191.6667
10 PPM	*				*			VARIANCE	28154.3333
20 PPM	*				*			STANDARD DEVIATION	167.7925
50 PPM	*				*			SKEW	.6935
100 PPM	*	XXXXXXXXXXXXXXXXXXXX			*	1	33.33	EXCESS KURTOSIS	-1.5000
200 PPM	*	XXXXXXXXXXXXXXXXXXXX			*	1	33.33	COEFFICIENT OF VARIANCE, %	87.5439
500 PPM	*	XXXXXXXXXXXXXXXXXXXX			*	1	33.33	STANDARD ERROR OF THE MEAN	96.8751
1000 PPM	*				*			LOWER 95% LIMIT ON THE MEAN	-116.5898
2000 PPM	*				*			UPPER 95% LIMIT ON THE MEAN	499.9231
5000 PPM	*				*			LOWER 95% LIMIT ON THE RANGE	-342.2492
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	725.5825
	0	20	40	60	80	100		GEOMETRIC MEAN	150.7817
								LOG10 MEAN	2.1783
								LOG10 VARIANCE	.1269
								LOG10 STANDARD DEVIATION	.3562
								STANDARD ERROR ON THE MEAN	.2056
								LOWER 95% LIMIT ON THE MEAN	33.4210
								UPPER 95% LIMIT ON THE MEAN	680.2648
								LOWER 95% LIMIT ON THE RANGE	11.0922
								UPPER 95% LIMIT ON THE RANGE	2049.6529
								MINIMUM VALUE	84.0000
								25TH PERCENTILE OR 1ST QUARTILE	106.0000
								50TH PERCENTILE OR MEDIAN	106.0000
								75TH PERCENTILE OR 3RD QUANTILE	385.0000
								80TH PERCENTILE	385.0000
								90TH PERCENTILE	385.0000
								95TH PERCENTILE	385.0000
								98TH PERCENTILE	385.0000
								99TH PERCENTILE	385.0000
								MAXIMUM VALUE	385.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	114.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	114.0000
UPPER 95% LIMIT ON THE MEAN	114.0000
LOWER 95% LIMIT ON THE RANGE	114.0000
UPPER 95% LIMIT ON THE RANGE	114.0000
GEOMETRIC MEAN	114.0000
LOG10 MEAN	2.0569
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	114.0000
UPPER 95% LIMIT ON THE MEAN	114.0000
LOWER 95% LIMIT ON THE RANGE	114.0000
UPPER 95% LIMIT ON THE RANGE	114.0000
MINIMUM VALUE	114.0000
25TH PERCENTILE OR 1ST QUARTILE	114.0000
50TH PERCENTILE OR MEDIAN	114.0000
75TH PERCENTILE OR 3RD QUARTILE	114.0000
80TH PERCENTILE	114.0000
90TH PERCENTILE	114.0000
95TH PERCENTILE	114.0000
98TH PERCENTILE	114.0000
99TH PERCENTILE	114.0000
MAXIMUM VALUE	114.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM GRCK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	57
					*			NUMBER OF ZERO VALUE SAMPLES	0
1 PPM	*				*			NUMBER OF NON-ZERO SAMPLES	57
2 PPM	*				*			ARITHMETIC MEAN	142.6316
5 PPM	*				*			VARIANCE	5989.0583
10 PPM	*				*			STANDARD DEVIATION	77.3890
20 PPM	*				*			SKEW	2.2876
50 PPM	XX				*	2	3.51	EXCESS KURTOSIS	6.2006
100 PPM	XXXXXXXXXX				*	11	19.30	COEFFICIENT OF VARIANCE. %	54.2580
200 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	39	68.42	STANDARD ERROR OF THE MEAN	10.2504
500 PPM	XXXX				*	5	8.77	LOWER 95% LIMIT ON THE MEAN	122.1061
1000 PPM	*				*		100.00	UPPER 95% LIMIT ON THE MEAN	163.1570
2000 PPM	*				*			LOWER 95% LIMIT ON THE RANGE	-12.3322
5000 PPM	*				*			UPPER 95% LIMIT ON THE RANGE	297.5953
**	*	*	*	*	*			GEOMETRIC MEAN	127.7770
0	20	40	60	80	100			LOG10 MEAN	2.1065
								LOG10 VARIANCE	.0401
								LOG10 STANDARD DEVIATION	.2003
								STANDARD ERROR ON THE MEAN	.0265
								LOWER 95% LIMIT ON THE MEAN	113.0631
								UPPER 95% LIMIT ON THE MEAN	144.4056
								LOWER 95% LIMIT ON THE RANGE	50.7362
								UPPER 95% LIMIT ON THE RANGE	321.8009
								MINIMUM VALUE	38.0000
								25TH PERCENTILE OR 1ST QUARTILE	102.0000
								50TH PERCENTILE OR MEDIAN	130.0000
								75TH PERCENTILE OR 3RD QUARTILE	156.0000
								80TH PERCENTILE	174.0000
								90TH PERCENTILE	198.0000
								95TH PERCENTILE	340.0000
								98TH PERCENTILE	460.0000
								99TH PERCENTILE	460.0000
								MAXIMUM VALUE	460.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
ZN LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	140.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	140.0000
UPPER 95% LIMIT ON THE MEAN	140.0000
LOWER 95% LIMIT ON THE RANGE	140.0000
UPPER 95% LIMIT ON THE RANGE	140.0000
GEOMETRIC MEAN	140.0000
LOG10 MEAN	2.1461
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	140.0000
UPPER 95% LIMIT ON THE MEAN	140.0000
LOWER 95% LIMIT ON THE RANGE	140.0000
UPPER 95% LIMIT ON THE RANGE	140.0000
MINIMUM VALUE	140.0000
25TH PERCENTILE OR 1ST QUARTILE	140.0000
50TH PERCENTILE OR MEDIAN	140.0000
75TH PERCENTILE OR 3RD QUARTILE	140.0000
80TH PERCENTILE	140.0000
90TH PERCENTILE	140.0000
95TH PERCENTILE	140.0000
98TH PERCENTILE	140.0000
99TH PERCENTILE	140.0000
MAXIMUM VALUE	140.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	5
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	5
10 PPM *									ARITHMETIC MEAN	77.6000
20 PPM *	XXXXXXXXXX					1	20.00	20.00	VARIANCE	1902.8000
50 PPM *	XXXXXXXXXX					1	20.00	40.00	STANDARD DEVIATION	43.6211
100 PPM *	XXXXXXXXXX					1	20.00	60.00	SKEW	-.4524
200 PPM *	XXXXXXXXXXXXXXXXXXXXXX					2	40.00	100.00	EXCESS KURTOSIS	-1.6068
500 PPM *									COEFFICIENT OF VARIANCE, %	56.2128
1000 PPM *									STANDARD ERROR OF THE MEAN	19.5079
2000 PPM *									LOWER 95% LIMIT ON THE MEAN	27.4451
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	127.7549
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-34.5498
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	189.7498
									GEOMETRIC MEAN	63.9773
									LOG10 MEAN	1.8060
									LOG10 VARIANCE	.1121
									LOG10 STANDARD DEVIATION	.3348
									STANDARD ERROR ON THE MEAN	.1497
									LOWER 95% LIMIT ON THE MEAN	26.3713
									UPPER 95% LIMIT ON THE MEAN	155.2103
									LOWER 95% LIMIT ON THE RANGE	8.8181
									UPPER 95% LIMIT ON THE RANGE	464.1693
									MINIMUM VALUE	20.0000
									25TH PERCENTILE OR 1ST QUARTILE	42.0000
									50TH PERCENTILE OR MEDIAN	100.0000
									75TH PERCENTILE OR 3RD QUARTILE	116.0000
									80TH PERCENTILE	116.0000
									90TH PERCENTILE	116.0000
									95TH PERCENTILE	116.0000
									98TH PERCENTILE	116.0000
									99TH PERCENTILE	116.0000
									MAXIMUM VALUE	116.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM AEXV

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
1 PPM *						*				TOTAL NUMBER OF SAMPLES	13
2 PPM *						*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *						*				NUMBER OF NON-ZERO SAMPLES	13
10 PPM *						*				ARITHMETIC MEAN	258.6154
20 PPM *						*				VARIANCE	16452.0897
50 PPM *						*				STANDARD DEVIATION	128.2657
100 PPM *	XXXX					*	1	7.69	7.69	SKEW	.5985
200 PPM *	XXXXXXXXXXXXXXXXXXXX					*	4	30.77	38.46	EXCESS KURTOSIS	-.5647
500 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	7	53.85	92.31	COEFFICIENT OF VARIANCE, %	49.5971
1000 PPM *	XXXX					*	1	7.69	100.00	STANDARD ERROR OF THE MEAN	35.5745
2000 PPM *						*				LOWER 95% LIMIT ON THE MEAN	181.7745
5000 PPM *						*				UPPER 95% LIMIT ON THE MEAN	335.4563
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-18.4385
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	535.6693
										GEOMETRIC MEAN	229.5652
										LOG10 MEAN	2.3609
										LOG10 VARIANCE	.0512
										LOG10 STANDARD DEVIATION	.2263
										STANDARD ERROR ON THE MEAN	.0628
										LOWER 95% LIMIT ON THE MEAN	168.0150
										UPPER 95% LIMIT ON THE MEAN	313.6637
										LOWER 95% LIMIT ON THE RANGE	74.4979
										UPPER 95% LIMIT ON THE RANGE	707.4048
										MINIMUM VALUE	84.0000
										25TH PERCENTILE OR 1ST QUANTILE	164.0000
										50TH PERCENTILE OR MEDIAN	235.0000
										75TH PERCENTILE OR 3RD QUANTILE	375.0000
										80TH PERCENTILE	375.0000
										90TH PERCENTILE	525.0000
										95TH PERCENTILE	525.0000
										98TH PERCENTILE	525.0000
										99TH PERCENTILE	525.0000
										MAXIMUM VALUE	525.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 ZN LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
	**	*	*	*	*				TOTAL NUMBER OF SAMPLES	58
1 PPM	*				*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPM	*				*				NUMBER OF NON-ZERO SAMPLES	58
5 PPM	*				*				ARITHMETIC MEAN	152.9655
10 PPM	*				*				VARIANCE	6133.4374
20 PPM	XX				*	2	3.45	3.45	STANDARD DEVIATION	78.3163
50 PPM	X				*	1	1.72	5.17	SKEW	.8160
100 PPM	XXXXXXXXXX				*	12	20.69	25.86	EXCESS KURTOSIS	.7860
200 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	27	46.55	72.41	COEFFICIENT OF VARIANCE, %	51.1986
500 PPM	XXXXXXXXXXXXXXXXXX				*	16	27.59	100.00	STANDARD ERROR OF THE MEAN	10.2834
1000 PPM					*				LOWER 95% LIMIT ON THE MEAN	132.3822
2000 PPM					*				UPPER 95% LIMIT ON THE MEAN	173.5488
5000 PPM					*				LOWER 95% LIMIT ON THE RANGE	-3.7923
	**	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	309.7234
0		20	40	60	80	100			GEOMETRIC MEAN	131.6590
									LOG10 MEAN	2.1195
									LOG10 VARIANCE	.0688
									LOG10 STANDARD DEVIATION	.2623
									STANDARD ERROR ON THE MEAN	.0344
									LOWER 95% LIMIT ON THE MEAN	112.3367
									UPPER 95% LIMIT ON THE MEAN	154.3050
									LOWER 95% LIMIT ON THE RANGE	39.3099
									UPPER 95% LIMIT ON THE RANGE	440.9606
									MINIMUM VALUE	18.0000
									25TH PERCENTILE OR 1ST QUANTILE	100.0000
									50TH PERCENTILE OR MEDIAN	140.0000
									75TH PERCENTILE OR 3RD QUANTILE	210.0000
									80TH PERCENTILE	220.0000
									90TH PERCENTILE	235.0000
									95TH PERCENTILE	325.0000
									98TH PERCENTILE	385.0000
									99TH PERCENTILE	385.0000
									MAXIMUM VALUE	385.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	ZN LKSD	PPM	24	159.	68.0	42.9	.74	- .59	130.	187.	146.	2.1635	.1824	122.	174.
DIBS	ZN LKSD	PPM	16	118.	36.2	30.7	-.25	-1.10	98.8	137.	112.	2.0498	.1488	93.5	134.
GRNT	ZN LKSD	PPM	384	117.	51.6	44.1	.89	1.63	112.	122.	105.	2.0213	.2128	100.	110.
GRNG	ZN LKSD	PPM	230	96.2	36.0	37.4	.97	1.87	91.5	101.	89.8	1.9531	.1647	85.5	94.3
GRDR	ZN LKSD	PPM	37	97.8	36.0	36.8	.06	.06	85.8	110.	90.1	1.9550	.1916	77.8	104.
QZFP	ZN LKSD	PPM	7	119.	38.1	32.0	1.39	.87	84.8	153.	115.	2.0589	.1230	88.9	149.
MGMT	ZN LKSD	PPM	79	89.9	30.0	33.3	-.42	-.07	83.2	96.6	83.3	1.9204	.1907	75.5	91.9
UMFC	ZN LKSD	PPM	3	192.	168.	87.5	.69	-1.50	-117.	500.	151.	2.1783	.3562	33.4	680.
CGLM	ZN LKSD	PPM	1	114.	.100E-05	.0	.00	.00	114.	114.	114.	2.0569	.0000	114.	114.
GRCK	ZN LKSD	PPM	57	143.	77.4	54.3	2.29	6.20	122.	163.	128.	2.1065	.2003	113.	144.
SCST	ZN LKSD	PPM	1	140.	.100E-05	.0	.00	.00	140.	140.	140.	2.1461	.0000	140.	140.
GRSC	ZN LKSD	PPM	5	77.6	43.6	56.2	-.45	-1.61	27.4	128.	64.0	1.8060	.3348	26.4	155.
AEXV	ZN LKSD	PPM	13	259.	128.	49.6	.60	-.56	182.	335.	230.	2.3609	.2263	168.	314.
BEXV	ZN LKSD	PPM	58	153.	78.3	51.2	.82	.79	132.	174.	132.	2.1195	.2623	112.	154.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	ZN LKSD	PPM	24	66.000	114.000	144.000	210.000	230.000	285.000	300.000	300.000	300.000	300.000	300.000
DIBS	ZN LKSD	PPM	16	60.000	88.000	128.000	152.000	156.000	158.000	176.000	176.000	176.000	176.000	176.000
GRNT	ZN LKSD	PPM	384	18.000	82.000	110.000	144.000	156.000	186.000	210.000	245.000	275.000	360.000	360.000
GRNG	ZN LKSD	PPM	230	28.000	72.000	92.000	116.000	126.000	140.000	152.000	194.000	220.000	260.000	260.000
GRDR	ZN LKSD	PPM	37	28.000	76.000	102.000	126.000	130.000	134.000	158.000	192.000	192.000	192.000	192.000
QZFP	ZN LKSD	PPM	7	80.000	104.000	108.000	130.000	198.000	198.000	198.000	198.000	198.000	198.000	198.000
MGMT	ZN LKSD	PPM	79	18.000	76.000	96.000	110.000	114.000	132.000	138.000	142.000	156.000	156.000	156.000
UMFC	ZN LKSD	PPM	3	84.000	106.000	106.000	385.000	385.000	385.000	385.000	385.000	385.000	385.000	385.000
CGLM	ZN LKSD	PPM	1	114.000	114.000	114.000	114.000	114.000	114.000	114.000	114.000	114.000	114.000	114.000
GRCK	ZN LKSD	PPM	57	38.000	102.000	130.000	156.000	174.000	198.000	340.000	460.000	460.000	460.000	460.000
SCST	ZN LKSD	PPM	1	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000
GRSC	ZN LKSD	PPM	5	20.000	42.000	100.000	116.000	116.000	116.000	116.000	116.000	116.000	116.000	116.000
AEXV	ZN LKSD	PPM	13	84.000	164.000	235.000	375.000	375.000	525.000	525.000	525.000	525.000	525.000	525.000
BEXV	ZN LKSD	PPM	58	18.000	100.000	140.000	210.000	220.000	235.000	325.000	385.000	385.000	385.000	385.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM AKRK

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *	**	*	*	*	*				TOTAL NUMBER OF SAMPLES	24
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	24
10 PPM *									ARITHMETIC MEAN	63.0417
20 PPM *	XXXX					2	8.33	8.33	VARIANCE	5274.3895
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX					13	54.17	62.50	STANDARD DEVIATION	72.6250
100 PPM *	XXXXXXXXXXXX					6	25.00	87.50	SKEW	3.0857
200 PPM *	XXXX					2	8.33	95.83	EXCESS KURTOSIS	9.3717
500 PPM *	XX					1	4.17	100.00	COEFFICIENT OF VARIANCE, %	115.2016
1000 PPM *									STANDARD ERROR OF THE MEAN	14.8245
2000 PPM *									LOWER 95% LIMIT ON THE MEAN	32.4439
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	93.6395
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-86.8563
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	212.9397
									GEOMETRIC MEAN	45.5982
									LOG10 MEAN	1.6589
									LOG10 VARIANCE	.0994
									LOG10 STANDARD DEVIATION	.3153
									STANDARD ERROR ON THE MEAN	.0644
									LOWER 95% LIMIT ON THE MEAN	33.5830
									UPPER 95% LIMIT ON THE MEAN	61.9123
									LOWER 95% LIMIT ON THE RANGE	10.1911
									UPPER 95% LIMIT ON THE RANGE	204.0205
									MINIMUM VALUE	14.0000
									25TH PERCENTILE OR 1ST QUARTILE	30.0000
									50TH PERCENTILE OR MEDIAN	42.0000
									75TH PERCENTILE OR 3RD QUARTILE	66.0000
									80TH PERCENTILE	66.0000
									90TH PERCENTILE	194.0000
									95TH PERCENTILE	355.0000
									98TH PERCENTILE	355.0000
									99TH PERCENTILE	355.0000
									MAXIMUM VALUE	355.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	16
5 PPM *					*			ARITHMETIC MEAN	47.0000
10 PPM *					*			VARIANCE	290.1333
20 PPM *					*			STANDARD DEVIATION	17.0333
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	11	68.75	68.75	1.1269
100 PPM *	XXXXXXXXXXXXXXXXXXXX				*	5	31.25	100.00	1.4682
200 PPM *					*			EXCESS KURTOSIS	36.2411
500 PPM *					*			COEFFICIENT OF VARIANCE, %	4.2583
**	*	*	*	*	*			STANDARD ERROR OF THE MEAN	37.9724
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	56.0276
								UPPER 95% LIMIT ON THE MEAN	10.8894
								UPPER 95% LIMIT ON THE RANGE	83.1106
								GEOMETRIC MEAN	44.3732
								LOG10 MEAN	1.6471
								LOG10 VARIANCE	.0231
								LOG10 STANDARD DEVIATION	.1521
								STANDARD ERROR ON THE MEAN	.0380
								LOWER 95% LIMIT ON THE MEAN	36.8582
								UPPER 95% LIMIT ON THE MEAN	53.4205
								LOWER 95% LIMIT ON THE RANGE	21.1238
								UPPER 95% LIMIT ON THE RANGE	93.2115
								MINIMUM VALUE	22.0000
								25TH PERCENTILE OR 1ST QUARTILE	40.0000
								50TH PERCENTILE OR MEDIAN	48.0000
								75TH PERCENTILE OR 3RD QUARTILE	52.0000
								80TH PERCENTILE	52.0000
								90TH PERCENTILE	74.0000
								95TH PERCENTILE	92.0000
								98TH PERCENTILE	92.0000
								99TH PERCENTILE	92.0000
								MAXIMUM VALUE	92.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
100 PPB *									TOTAL NUMBER OF SAMPLES	384
200 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *									NUMBER OF NON-ZERO SAMPLES	384
1 PPM *									ARITHMETIC MEAN	33.1719
2 PPM *									VARIANCE	284.7328
5 PPM *									STANDARD DEVIATION	16.8740
10 PPM *	XXX					20	5.21	5.21	SKEW	1.7484
20 PPM *	XXXXXXXXXX					58	15.10	20.31	EXCESS KURTOSIS	6.2871
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					260	67.71	88.02	COEFFICIENT OF VARIANCE, %	50.8685
100 PPM *	XXXXXXX					43	11.20	99.22	STANDARD ERROR OF THE MEAN	.8611
200 PPM *	I					3	.78	100.00	LOWER 95% LIMIT ON THE MEAN	31.4787
500 PPM *									UPPER 95% LIMIT ON THE MEAN	34.8651
1000 PPM *									LOWER 95% LIMIT ON THE RANGE	-.0079
2000 PPM *									UPPER 95% LIMIT ON THE RANGE	66.3516
5000 PPM *									GEOMETRIC MEAN	29.3638
	**	*	*	*	*				LOG10 MEAN	1.4678
	0	20	40	60	80	100			LOG10 VARIANCE	.0492
									LOG10 STANDARD DEVIATION	.2218
									STANDARD ERROR ON THE MEAN	.0113
									LOWER 95% LIMIT ON THE MEAN	27.8969
									UPPER 95% LIMIT ON THE MEAN	30.9081
									LOWER 95% LIMIT ON THE RANGE	10.7555
									UPPER 95% LIMIT ON THE RANGE	80.1666
									MINIMUM VALUE	6.0000
									25TH PERCENTILE OR 1ST QUARTILE	22.0000
									50TH PERCENTILE OR MEDIAN	30.0000
									75TH PERCENTILE OR 3RD QUARTILE	40.0000
									80TH PERCENTILE	44.0000
									90TH PERCENTILE	56.0000
									95TH PERCENTILE	66.0000
									98TH PERCENTILE	72.0000
									99TH PERCENTILE	98.0000
									MAXIMUM VALUE	134.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM GRNG

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
100 PPB *									TOTAL NUMBER OF SAMPLES	230
200 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *									NUMBER OF NON-ZERO SAMPLES	230
1 PPM *									ARITHMETIC MEAN	35.1522
2 PPM *									VARIANCE	351.4571
5 PPM *									STANDARD DEVIATION	18.7472
10 PPM *	X					3	1.30	1.30	SKEW	2.0898
20 PPM *	XXXXXXX					34	14.78	16.09	EXCESS KURTOSIS	6.9681
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					156	67.83	83.91	COEFFICIENT OF VARIANCE, %	53.3315
100 PPM *	XXXXXXX					33	14.35	98.26	STANDARD ERROR OF THE MEAN	1.2362
200 PPM *	X					4	1.74	100.00	LOWER 95% LIMIT ON THE MEAN	32.7160
500 PPM *									UPPER 95% LIMIT ON THE MEAN	37.5884
1000 PPM *									LOWER 95% LIMIT ON THE RANGE	-1.7948
2000 PPM *									UPPER 95% LIMIT ON THE RANGE	72.0991
5000 PPM *									GEOMETRIC MEAN	31.3528
	**	*	*	*	*				LOG10 MEAN	1.4963
	0	20	40	60	80	100			LOG10 VARIANCE	.0417
									LOG10 STANDARD DEVIATION	.2041
									STANDARD ERROR ON THE MEAN	.0135
									LOWER 95% LIMIT ON THE MEAN	29.4949
									UPPER 95% LIMIT ON THE MEAN	33.3277
									LOWER 95% LIMIT ON THE RANGE	12.4149
									UPPER 95% LIMIT ON THE RANGE	79.1788
									MINIMUM VALUE	8.0000
									25TH PERCENTILE OR 1ST QUARTILE	24.0000
									50TH PERCENTILE OR MEDIAN	30.0000
									75TH PERCENTILE OR 3RD QUARTILE	42.0000
									80TH PERCENTILE	46.0000
									90TH PERCENTILE	58.0000
									95TH PERCENTILE	68.0000
									98TH PERCENTILE	90.0000
									99TH PERCENTILE	110.0000
									MAXIMUM VALUE	148.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM GRDR

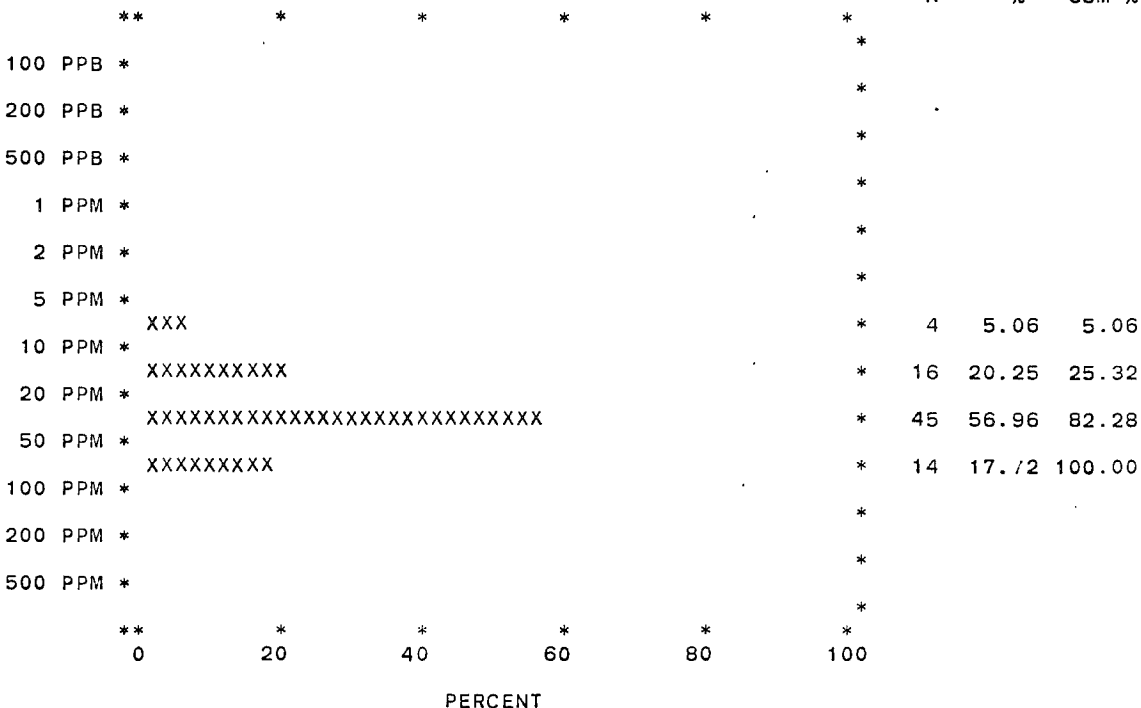
HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	37
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	37
500 PPB *					*			ARITHMETIC MEAN	23.5676
1 PPM *					*			VARIANCE	99.3634
2 PPM *					*			STANDARD DEVIATION	9.9681
5 PPM *					*			SKEW	.9054
10 PPM *	XXX				*	2	5.41 5.41	EXCESS KURTOSIS	.1161
20 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	19	51.35 56.76	COEFFICIENT OF VARIANCE, %	42.2959
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	16	43.24 100.00	STANDARD ERROR OF THE MEAN	1.6387
100 PPM *					*			LOWER 95% LIMIT ON THE MEAN	20.2453
200 PPM *					*			UPPER 95% LIMIT ON THE MEAN	26.8898
500 PPM *					*			LOWER 95% LIMIT ON THE RANGE	3.3592
					*			UPPER 95% LIMIT ON THE RANGE	43.7759
					*			GEOMETRIC MEAN	21.6688
					*			LOG10 MEAN	1.3358
					*			LOG10 VARIANCE	.0332
					*			LOG10 STANDARD DEVIATION	.1822
	**	*	*	*	*			STANDARD ERROR ON THE MEAN	.0299
	0	20	40	60	80	100		LOWER 95% LIMIT ON THE MEAN	18.8418
								UPPER 95% LIMIT ON THE MEAN	24.9201
								LOWER 95% LIMIT ON THE RANGE	9.2582
								UPPER 95% LIMIT ON THE RANGE	50.7160
								MINIMUM VALUE	8.0000
								25TH PERCENTILE OR 1ST QUANTILE	18.0000
								50TH PERCENTILE OR MEDIAN	20.0000
								75TH PERCENTILE OR 3RD QUANTILE	32.0000
								80TH PERCENTILE	34.0000
								90TH PERCENTILE	38.0000
								95TH PERCENTILE	46.0000
								98TH PERCENTILE	48.0000
								99TH PERCENTILE	48.0000
								MAXIMUM VALUE	48.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7
					*			NUMBER OF ZERO VALUE SAMPLES	0
1 PPM	*				*			NUMBER OF NON-ZERO SAMPLES	7
2 PPM	*				*				
5 PPM	*				*			ARITHMETIC MEAN	36.2857
10 PPM	*				*			VARIANCE	191.2381
20 PPM	*				*			STANDARD DEVIATION	13.8289
50 PPM	*	XX			*	6	85.71	85.71	38.1111
100 PPM	*	XXXXXXX			*	1	14.29	100.00	5.2268
200 PPM	*				*			LOWER 95% LIMIT ON THE MEAN	23.9243
500 PPM	*				*			UPPER 95% LIMIT ON THE MEAN	48.6472
**	*	*	*	*	*			LOWER 95% LIMIT ON THE RANGE	3.5804
0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	68.9910
								GEOMETRIC MEAN	34.2393
								LOG10 MEAN	1.5345
								LOG10 VARIANCE	.0246
								LOG10 STANDARD DEVIATION	.1569
								STANDARD ERROR ON THE MEAN	.0593
								LOWER 95% LIMIT ON THE MEAN	24.7902
								UPPER 95% LIMIT ON THE MEAN	47.2901
								LOWER 95% LIMIT ON THE RANGE	14.5704
								UPPER 95% LIMIT ON THE RANGE	80.4598
								MINIMUM VALUE	24.0000
								.25TH PERCENTILE OR 1ST QUARTILE	26.0000
								50TH PERCENTILE OR MEDIAN	28.0000
								75TH PERCENTILE OR 3RD QUARTILE	46.0000
								80TH PERCENTILE	60.0000
								90TH PERCENTILE	60.0000
								95TH PERCENTILE	60.0000
								98TH PERCENTILE	60.0000
								99TH PERCENTILE	60.0000
								MAXIMUM VALUE	60.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM MGMT

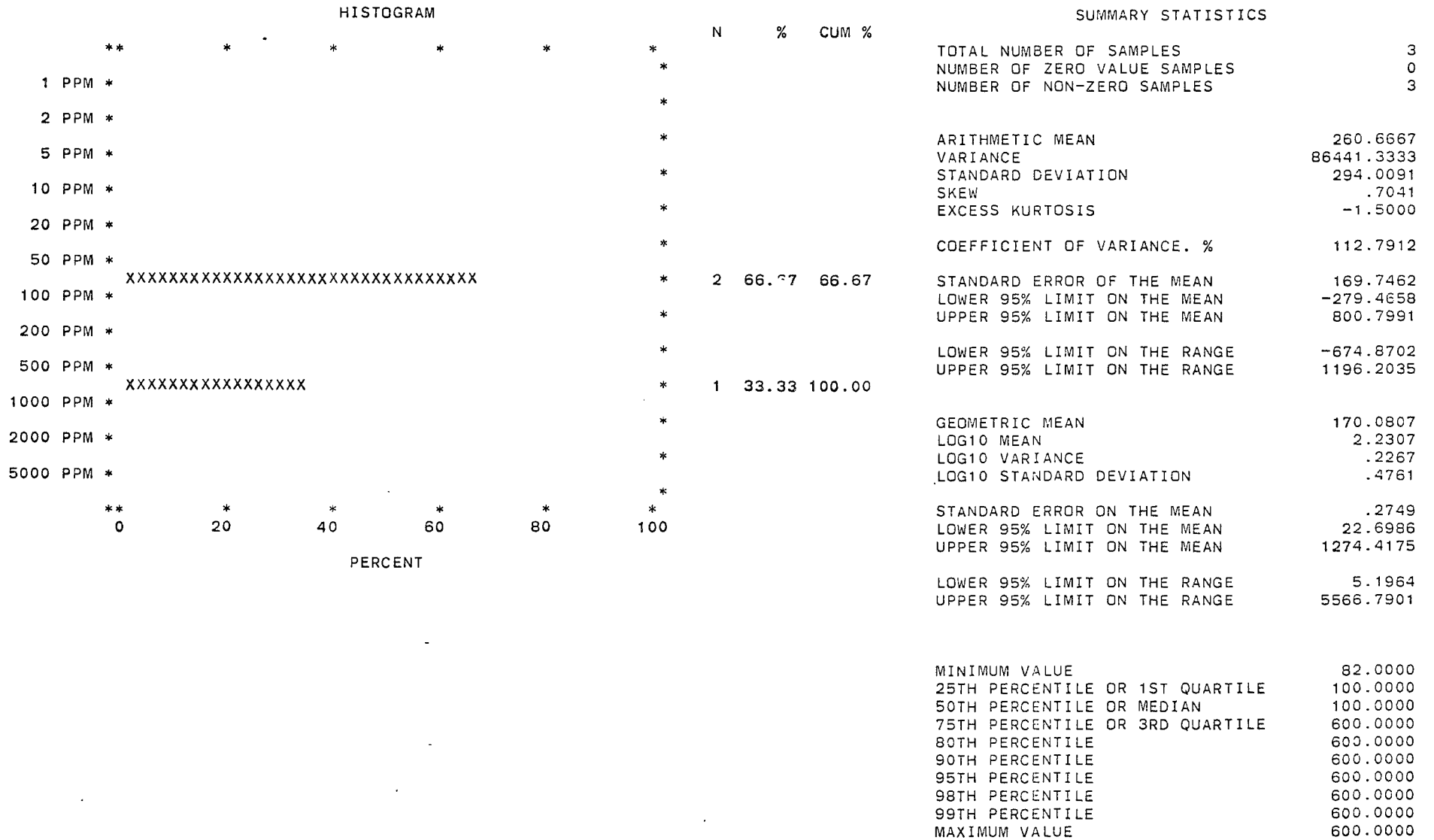
HISTOGRAM



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	79
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	79
ARITHMETIC MEAN	34.4304
VARIANCE	250.9406
STANDARD DEVIATION	15.8411
SKEW	.2333
EXCESS KURTOSIS	-.6524
COEFFICIENT OF VARIANCE, %	46.0091
STANDARD ERROR OF THE MEAN	1.7823
LOWER 95% LIMIT ON THE MEAN	30.8824
UPPER 95% LIMIT ON THE MEAN	37.9784
LOWER 95% LIMIT ON THE RANGE	2.8952
UPPER 95% LIMIT ON THE RANGE	65.9656
GEOMETRIC MEAN	30.2736
LOG10 MEAN	1.4811
LOG10 VARIANCE	.0570
LOG10 STANDARD DEVIATION	.2387
STANDARD ERROR ON THE MEAN	.0269
LOWER 95% LIMIT ON THE MEAN	26.7866
UPPER 95% LIMIT ON THE MEAN	34.2401
LOWER 95% LIMIT ON THE RANGE	10.1346
UPPER 95% LIMIT ON THE RANGE	90.4322
MINIMUM VALUE	6.0000
25TH PERCENTILE OR 1ST QUARTILE	22.0000
50TH PERCENTILE OR MEDIAN	34.0000
75TH PERCENTILE OR 3RD QUARTILE	46.0000
80TH PERCENTILE	50.0000
90TH PERCENTILE	54.0000
95TH PERCENTILE	62.0000
98TH PERCENTILE	68.0000
99TH PERCENTILE	76.0000
MAXIMUM VALUE	76.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM UMFC



VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CU LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	82.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	82.0000
UPPER 95% LIMIT ON THE MEAN	82.0000
LOWER 95% LIMIT ON THE RANGE	82.0000
UPPER 95% LIMIT ON THE RANGE	82.0000
GEOMETRIC MEAN	82.0000
LOG10 MEAN	1.9138
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	82.0000
UPPER 95% LIMIT ON THE MEAN	82.0000
LOWER 95% LIMIT ON THE RANGE	82.0000
UPPER 95% LIMIT ON THE RANGE	82.0000
MINIMUM VALUE	82.0000
25TH PERCENTILE OR 1ST QUARTILE	82.0000
50TH PERCENTILE OR MEDIAN	82.0000
75TH PERCENTILE OR 3RD QUARTILE	82.0000
80TH PERCENTILE	82.0000
90TH PERCENTILE	82.0000
95TH PERCENTILE	82.0000
98TH PERCENTILE	82.0000
99TH PERCENTILE	82.0000
MAXIMUM VALUE	82.0000

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NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM GRCK

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
100 PPB *					*				TOTAL NUMBER OF SAMPLES	57
200 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *					*				NUMBER OF NON-ZERO SAMPLES	57
1 PPM *					*				ARITHMETIC MEAN	40.1404
2 PPM *					*				VARIANCE	459.5514
5 PPM *					*				STANDARD DEVIATION	21.4371
10 PPM *	XXX				*	3	5.26	5.26	SKEW	.9482
20 PPM *	XXXX				*	5	8.17	14.04	EXCESS KURTOSIS	.9569
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	36	63.16	77.19	COEFFICIENT OF VARIANCE. %	53.4055
100 PPM *	XXXXXXXXXXXX				*	12	21.05	98.25	STANDARD ERROR OF THE MEAN	2.8394
200 PPM *	X				*	1	1.75	100.00	LOWER 95% LIMIT ON THE MEAN	34.4547
500 PPM *					*				UPPER 95% LIMIT ON THE MEAN	45.8260
1000 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-2.7854
2000 PPM *					*				UPPER 95% LIMIT ON THE RANGE	83.0661
5000 PPM *					*				GEOMETRIC MEAN	34.3699
	**	*	*	*	*				LOG10 MEAN	1.5362
	0	20	40	60	80	100			LOG10 VARIANCE	.0683
									LOG10 STANDARD DEVIATION	.2614
									STANDARD ERROR ON THE MEAN	.0346
									LOWER 95% LIMIT ON THE MEAN	29.2988
									UPPER 95% LIMIT ON THE MEAN	40.3187
									LOWER 95% LIMIT ON THE RANGE	10.2981
									UPPER 95% LIMIT ON THE RANGE	114.7088
									MINIMUM VALUE	6.0000
									25TH PERCENTILE OR 1ST QUARTILE	28.0000
									50TH PERCENTILE OR MEDIAN	36.0000
									75TH PERCENTILE OR 3RD QUARTILE	50.0000
									80TH PERCENTILE	56.0000
									90TH PERCENTILE	64.0000
									95TH PERCENTILE	86.0000
									98TH PERCENTILE	104.0000
									99TH PERCENTILE	104.0000
									MAXIMUM VALUE	104.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CU LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	56.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	56.0000
UPPER 95% LIMIT ON THE MEAN	56.0000
LOWER 95% LIMIT ON THE RANGE	56.0000
UPPER 95% LIMIT ON THE RANGE	56.0000
GEOMETRIC MEAN	56.0000
LOG10 MEAN	1.7482
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	56.0000
UPPER 95% LIMIT ON THE MEAN	56.0000
LOWER 95% LIMIT ON THE RANGE	56.0000
UPPER 95% LIMIT ON THE RANGE	56.0000
MINIMUM VALUE	56.0000
25TH PERCENTILE OR 1ST QUARTILE	56.0000
50TH PERCENTILE OR MEDIAN	56.0000
75TH PERCENTILE OR 3RD QUARTILE	56.0000
80TH PERCENTILE	53.0000
90TH PERCENTILE	56.0000
95TH PERCENTILE	56.0000
98TH PERCENTILE	56.0000
99TH PERCENTILE	56.0000
MAXIMUM VALUE	56.0000

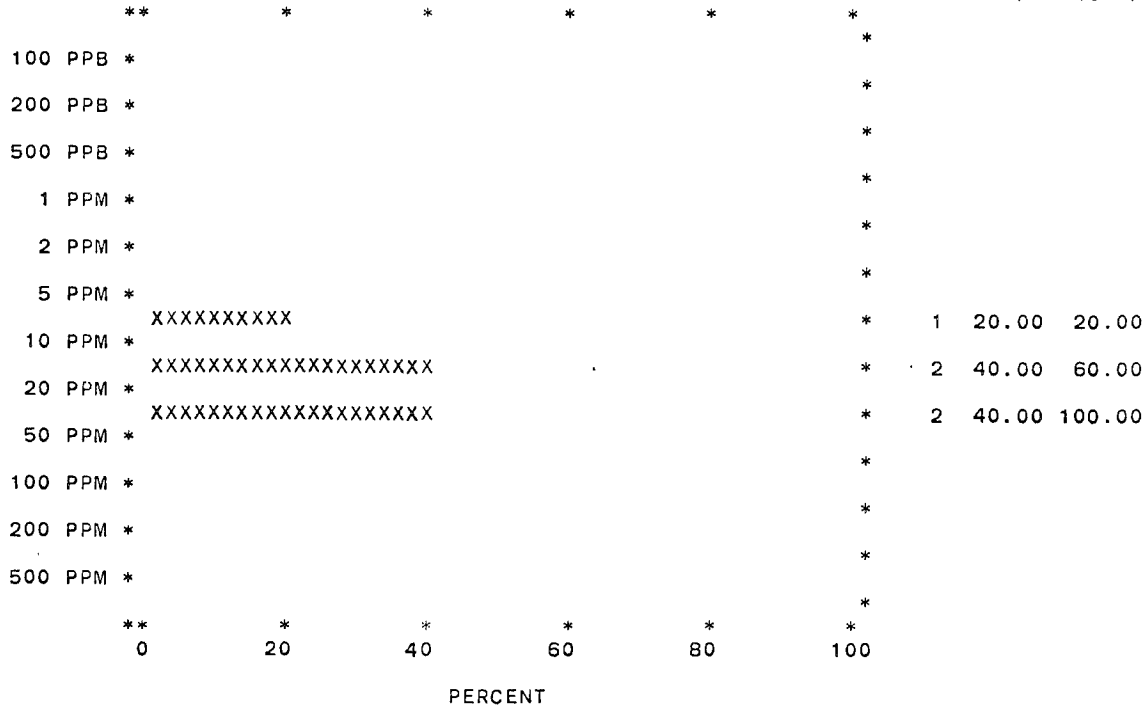
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NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM GRSC

HISTOGRAM



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	5
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	5
ARITHMETIC MEAN	23.6000
VARIANCE	238.8000
STANDARD DEVIATION	15.4532
SKEW	1.1660
EXCESS KURTOSIS	-.1314
COEFFICIENT OF VARIANCE, %	65.4795
STANDARD ERROR OF THE MEAN	6.9109
LOWER 95% LIMIT ON THE MEAN	5.8322
UPPER 95% LIMIT ON THE MEAN	41.3678
LOWER 95% LIMIT ON THE RANGE	-16.1301
UPPER 95% LIMIT ON THE RANGE	63.3301
GEOMETRIC MEAN	20.3849
LOG10 MEAN	1.3093
LOG10 VARIANCE	.0649
LOG10 STANDARD DEVIATION	.2548
STANDARD ERROR ON THE MEAN	.1140
LOWER 95% LIMIT ON THE MEAN	10.3829
UPPER 95% LIMIT ON THE MEAN	40.0221
LOWER 95% LIMIT ON THE RANGE	4.5098
UPPER 95% LIMIT ON THE RANGE	92.1418
MINIMUM VALUE	10.0000
25TH PERCENTILE OR 1ST QUARTILE	16.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	50.0000
80TH PERCENTILE	50.0000
90TH PERCENTILE	50.0000
95TH PERCENTILE	50.0000
98TH PERCENTILE	50.0000
99TH PERCENTILE	50.0000
MAXIMUM VALUE	50.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM AEXV

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	13
1 PPM *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*				NUMBER OF NON-ZERO SAMPLES	13
5 PPM *					*				ARITHMETIC MEAN	53.6923
10 PPM *					*				VARIANCE	456.5641
20 PPM *					*				STANDARD DEVIATION	21.3674
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	7	53.85	53.85	SKREW	.7929
100 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	6	46.15	100.00	EXCESS KURTOSIS	-.4417
200 PPM *					*				COEFFICIENT OF VARIANCE. %	39.7959
500 PPM *					*				STANDARD ERROR OF THE MEAN	5.9262
**	*	*	*	*	*				LOWER 95% LIMIT ON THE MEAN	40.8916
0	20	40	60	80	100				UPPER 95% LIMIT ON THE MEAN	66.4930
									LOWER 95% LIMIT ON THE RANGE	7.5388
									UPPER 95% LIMIT ON THE RANGE	99.8458
									GEOMETRIC MEAN	50.1281
									LOG10 MEAN	1.7001
									LOG10 VARIANCE	.0275
									LOG10 STANDARD DEVIATION	.1657
									STANDARD ERROR ON THE MEAN	.0460
									LOWER 95% LIMIT ON THE MEAN	39.8833
									UPPER 95% LIMIT ON THE MEAN	63.0044
									LOWER 95% LIMIT ON THE RANGE	21.9830
									UPPER 95% LIMIT ON THE RANGE	114.3077
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUARTILE	38.0000
									50TH PERCENTILE OR MEDIAN	48.0000
									75TH PERCENTILE OR 3RD QUARTILE	78.0000
									80TH PERCENTILE	78.0000
									90TH PERCENTILE	98.0000
									95TH PERCENTILE	98.0000
									98TH PERCENTILE	98.0000
									99TH PERCENTILE	98.0000
									MAXIMUM VALUE	98.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CU LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	58
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	58
5 PPM *					*			ARITHMETIC MEAN	58.0000
10 PPM *					*			VARIANCE	1008.9825
20 PPM *	XXXXXX				*	7	12.07	STANDARD DEVIATION	31.7645
50 PPM *	XXXXXXXXXXXXXXXXXXXX				*	20	34.48	SKEW	.6377
100 PPM *	XXXXXXXXXXXXXXXXXXXXXX				*	26	44.83	EXCESS KURTOSIS	-.1427
200 PPM *	XXXXX				*	5	8.62	COEFFICIENT OF VARIANCE, %	54.7664
500 PPM *					*			STANDARD ERROR OF THE MEAN	4.1709
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	49.6516
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	66.3484
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-5.5798
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	121.5798
	0	20	40	60	80	100		GEOMETRIC MEAN	48.9691
								LOG10 MEAN	1.6999
								LOG10 VARIANCE	.0733
								LOG10 STANDARD DEVIATION	.2708
								STANDARD ERROR ON THE MEAN	.0356
								LOWER 95% LIMIT ON THE MEAN	41.5674
								UPPER 95% LIMIT ON THE MEAN	57.6889
								LOWER 95% LIMIT ON THE RANGE	14.0576
								UPPER 95% LIMIT ON THE RANGE	170.5824
								MINIMUM VALUE	12.0000
								25TH PERCENTILE OR 1ST QUANTILE	32.0000
								50TH PERCENTILE OR MEDIAN	56.0000
								75TH PERCENTILE OR 3RD QUANTILE	80.0000
								80TH PERCENTILE	82.0000
								90TH PERCENTILE	98.0000
								95TH PERCENTILE	128.0000
								98TH PERCENTILE	142.0000
								99TH PERCENTILE	142.0000
								MAXIMUM VALUE	142.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	CU LKSD	PPM	24	63.0	72.6	115.2	3.09	9.37	32.4	93.6	45.6	1.6589	.3153	33.6	61.9
DIBS	CU LKSD	PPM	16	47.0	17.0	36.2	1.13	1.47	38.0	56.0	44.4	1.6471	.1521	36.9	53.4
GRNT	CU LKSD	PPM	384	33.2	16.9	50.9	1.75	6.29	31.5	34.9	29.4	1.4678	.2218	27.9	30.9
GRNG	CU LKSD	PPM	230	35.2	18.7	53.3	2.09	6.97	32.7	37.6	31.4	1.4963	.2041	29.5	33.3
GRDR	CU LKSD	PPM	37	23.6	9.97	42.3	.91	.12	20.2	26.9	21.7	1.3358	.1822	18.8	24.9
QZFP	CU LKSD	PPM	7	36.3	13.8	38.1	.69	-.99	23.9	48.6	34.2	1.5345	.1569	24.8	47.3
MGMT	CU LKSD	PPM	79	34.4	15.8	46.0	.23	-.66	30.9	38.0	30.3	1.4811	.2387	26.8	34.2
UMFC	CU LKSD	PPM	3	261.	294.	112.8	.70	-1.50	-27.9	801.	170.	2.2307	.4761	22.7	.127E+04
CGLM	CU LKSD	PPM	1	82.0	.100E-05	.0	.00	.00	82.0	82.0	82.0	1.9138	.0000	82.0	82.0
GRCK	CU LKSD	PPM	57	40.1	21.4	53.4	.95	.96	34.5	45.8	34.4	1.5362	.2614	29.3	40.3
SCST	CU LKSD	PPM	1	56.0	.100E-05	.0	.00	.00	56.0	56.0	56.0	1.7482	.0000	56.0	56.0
GRSC	CU LKSD	PPM	5	23.6	15.5	65.5	1.17	-.13	5.83	41.4	20.4	1.3093	.2548	10.4	40.0
AEXV	CU LKSD	PPM	13	53.7	21.4	39.8	.79	-.44	40.9	66.5	50.1	1.7001	.1657	39.9	63.0
BEXV	CU LKSD	PPM	58	58.0	31.8	54.8	.64	-.14	49.7	66.3	49.0	1.6899	.2708	41.6	57.7

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	CU LKSD	PPM	24	14.000	30.000	42.000	66.000	66.000	194.000	355.000	355.000	355.000	355.000	355.000
DIBS	CU LKSD	PPM	16	22.000	40.000	48.000	52.000	52.000	74.000	92.000	92.000	92.000	92.000	92.000
GRNT	CU LKSD	PPM	384	6.000	22.000	30.000	40.000	44.000	56.000	66.000	72.000	98.000	134.000	134.000
GRNG	CU LKSD	PPM	230	8.000	24.000	30.000	42.000	46.000	58.000	68.000	90.000	110.000	148.000	148.000
GRDR	CU LKSD	PPM	37	8.000	18.000	20.000	32.000	34.000	38.000	46.000	48.000	48.000	48.000	48.000
QZFP	CU LKSD	PPM	7	24.000	26.000	28.000	46.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000
MGMT	CU LKSD	PPM	79	6.000	22.000	34.000	46.000	50.000	54.000	62.000	68.000	76.000	76.000	76.000
UMFC	CU LKSD	PPM	3	82.000	100.000	100.000	600.000	600.000	600.000	600.000	600.000	600.000	600.000	600.000
CGLM	CU LKSD	PPM	1	82.000	82.000	82.000	82.000	82.000	82.000	82.000	82.000	82.000	82.000	82.000
GRCK	CU LKSD	PPM	57	6.000	28.000	36.000	50.000	56.000	64.000	86.000	104.000	104.000	104.000	104.000
SCST	CU LKSD	PPM	1	56.000	56.000	56.000	56.000	56.000	56.000	56.000	56.000	56.000	56.000	56.000
GRSC	CU LKSD	PPM	5	10.000	16.000	20.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000
AEXV	CU LKSD	PPM	13	30.000	38.000	48.000	78.000	78.000	98.000	98.000	98.000	98.000	98.000	98.000
BEXV	CU LKSD	PPM	58	12.000	32.000	56.000	80.000	82.000	98.000	128.000	142.000	142.000	142.000	142.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM AKRK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	24
					*			NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *					*			NUMBER OF NON-ZERO SAMPLES	24
20 PPB *					*			ARITHMETIC MEAN	8.9583
50 PPB *					*			VARIANCE	30.1286
100 PPB *					*			STANDARD DEVIATION	5.4890
200 PPB *					*			SKEW	1.5087
500 PPB *					*			EXCESS KURTOSIS	3.0319
XX					*			COEFFICIENT OF VARIANCE. %	61.2721
1 PPM *					1	4.17	4.17	STANDARD ERROR OF THE MEAN	1.1204
2 PPM *					*			LOWER 95% LIMIT ON THE MEAN	6.6458
5 PPM *	XXXXXXXXXXXXXXXXXX				7	29.17	33.33	UPPER 95% LIMIT ON THE MEAN	11.2709
10 PPM *	XXXXXXXXXXXXXXXXXXXX				9	37.50	70.83	LOWER 95% LIMIT ON THE RANGE	-2.3709
20 PPM *	XXXXXXXXXXXXXXXXXXXX				6	25.00	95.83	UPPER 95% LIMIT ON THE RANGE	20.2875
50 PPM *	XX				1	4.17	100.00	GEOMETRIC MEAN	7.4626
100 PPM *					*			LOG10 MEAN	.8729
200 PPM *					*			LOG10 VARIANCE	.0831
500 PPM *					*			LOG10 STANDARD DEVIATION	.2883
**	*	*	*	*	*			STANDARD ERROR ON THE MEAN	.0589
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	5.6419
								UPPER 95% LIMIT ON THE MEAN	9.8709
								LOWER 95% LIMIT ON THE RANGE	1.8959
								UPPER 95% LIMIT ON THE RANGE	29.3738
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUANTILE	5.0000
								50TH PERCENTILE OR MEDIAN	9.0000
								75TH PERCENTILE OR 3RD QUANTILE	12.0000
								80TH PERCENTILE	12.0000
								90TH PERCENTILE	18.0000
								95TH PERCENTILE	27.0000
								98TH PERCENTILE	27.0000
								99TH PERCENTILE	27.0000
								MAXIMUM VALUE	27.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET					SUMMARY STATISTICS		
PB	LKSD	PPM	DIBS							
HISTOGRAM							SUMMARY STATISTICS			
**	*	*	*	*	*	N	%	CUM %		
10	PPB	*		*					TOTAL NUMBER OF SAMPLES	16
				*					NUMBER OF ZERO VALUE SAMPLES	0
				*					NUMBER OF NON-ZERO SAMPLES	16
20	PPB	*		*					ARITHMETIC MEAN	4.0000
50	PPB	*		*					VARIANCE	4.8000
100	PPB	*		*					STANDARD DEVIATION	2.1909
200	PPB	*		*					SKEW	1.2571
500	PPB	*		*					EXCESS KURTOSIS	1.5185
				*					COEFFICIENT OF VARIANCE, %	54.7723
1	PPM	*	XXX	*	1	6.25	6.25		STANDARD ERROR OF THE MEAN	.5477
2	PPM	*	XXXXXX	*	2	12.50	18.75		LOWER 95% LIMIT ON THE MEAN	2.8388
5	PPM	*	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	*	9	56.25	75.00		UPPER 95% LIMIT ON THE MEAN	5.1612
10	PPM	*	XXXXXXXXXXXXXXXXXXXX	*	4	25.00	100.00		LOWER 95% LIMIT ON THE RANGE	-.6447
20	PPM	*		*					UPPER 95% LIMIT ON THE RANGE	8.6447
50	PPM	*		*					GEOMETRIC MEAN	3.4986
100	PPM	*		*					LOG10 MEAN	.5439
200	PPM	*		*					LOG10 VARIANCE	.0563
500	PPM	*		*					LOG10 STANDARD DEVIATION	.2372
				*					STANDARD ERROR ON THE MEAN	.0593
				*					LOWER 95% LIMIT ON THE MEAN	2.6192
				*					UPPER 95% LIMIT ON THE MEAN	4.6732
				*					LOWER 95% LIMIT ON THE RANGE	1.0990
				*					UPPER 95% LIMIT ON THE RANGE	11.1372
**	*	*	*	*	*					
0	20	40	60	80	100					
PERCENT										
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	3.0000
									50TH PERCENTILE OR MEDIAN	3.0000
									75TH PERCENTILE OR 3RD QUARTILE	6.0000
									80TH PERCENTILE	3.0000
									90TH PERCENTILE	6.0000
									95TH PERCENTILE	10.0000
									98TH PERCENTILE	10.0000
									99TH PERCENTILE	10.0000
									MAXIMUM VALUE	10.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384	
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	384	
50 PPB *					*			ARITHMETIC MEAN	5.5313	
100 PPB *					*			VARIANCE	22.4586	
200 PPB *					*			STANDARD DEVIATION	4.7390	
500 PPB *					*			SKEW	2.9143	
					*			EXCESS KURTOSIS	12.6100	
					*			COEFFICIENT OF VARIANCE, %	85.6777	
1 PPM *	XXXXX				*	38	9.90	9.90	STANDARD ERROR OF THE MEAN	.2418
2 PPM *	XXXXXX				*	47	12.24	22.14	LOWER 95% LIMIT ON THE MEAN	5.0557
5 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	157	40.89	63.02	UPPER 95% LIMIT ON THE MEAN	6.0068
10 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	107	27.86	90.89	LOWER 95% LIMIT ON THE RANGE	-3.7872
20 PPM *	XXXXX				*	28	7.29	98.18	UPPER 95% LIMIT ON THE RANGE	14.8497
50 PPM *	X				*	7	1.82	100.00	GEOMETRIC MEAN	4.1993
100 PPM *					*				LOG10 MEAN	.6232
200 PPM *					*				LOG10 VARIANCE	.1055
500 PPM *					*				LOG10 STANDARD DEVIATION	.3248
					*				STANDARD ERROR ON THE MEAN	.0166
					*				LOWER 95% LIMIT ON THE MEAN	3.8956
					*				UPPER 95% LIMIT ON THE MEAN	4.5266
					*				LOWER 95% LIMIT ON THE RANGE	.9648
					*				UPPER 95% LIMIT ON THE RANGE	18.2771
**	*	*	*	*	*					
0	20	40	60	80	100					
PERCENT										
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	3.0000
									50TH PERCENTILE OR MEDIAN	4.0000
									75TH PERCENTILE OR 3RD QUARTILE	7.0000
									80TH PERCENTILE	8.0000
									90TH PERCENTILE	10.0000
									95TH PERCENTILE	14.0000
									98TH PERCENTILE	19.0000
									99TH PERCENTILE	25.0000
									MAXIMUM VALUE	38.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM GRNG

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	230
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	230
50 PPB *					*			ARITHMETIC MEAN	4.7000
100 PPB *					*			VARIANCE	10.9707
200 PPB *					*			STANDARD DEVIATION	3.3122
500 PPB *					*			SKEW	2.6797
					*			EXCESS KURTOSIS	14.4228
1 PPM *	XXXXX				*	21	9.13	COEFFICIENT OF VARIANCE, %	70.4726
2 PPM *	XXXXXXXXX				*	36	15.65	STANDARD ERROR OF THE MEAN	.2184
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	111	48.26	LOWER 95% LIMIT ON THE MEAN	4.2696
10 PPM *	XXXXXXXXXXXX				*	50	21.74	UPPER 95% LIMIT ON THE MEAN	5.1304
20 PPM *	XX				*	11	4.78	LOWER 95% LIMIT ON THE RANGE	-1.8277
50 PPM *	I				*	1	.43	UPPER 95% LIMIT ON THE RANGE	11.2277
100 PPM *					*			GEOMETRIC MEAN	3.8112
200 PPM *					*			LOG10 MEAN	.5811
500 PPM *					*			LOG10 VARIANCE	.0831
					*			LOG10 STANDARD DEVIATION	.2882
**	*	*	*	*	*			STANDARD ERROR ON THE MEAN	.0190
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	3.4963
								UPPER 95% LIMIT ON THE MEAN	4.1544
								LOWER 95% LIMIT ON THE RANGE	1.0305
								UPPER 95% LIMIT ON THE RANGE	14.0948
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	3.0000
								50TH PERCENTILE OR MEDIAN	4.0000
								75TH PERCENTILE OR 3RD QUARTILE	6.0000
								80TH PERCENTILE	7.0000
								90TH PERCENTILE	9.0000
								95TH PERCENTILE	11.0000
								98TH PERCENTILE	13.0000
								99TH PERCENTILE	15.0000
								MAXIMUM VALUE	30.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM GRDR

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	37
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	37
500 PPB *					*			ARITHMETIC MEAN	6.4595
1 PPM *					*			VARIANCE	18.3664
2 PPM *	XXXX				*	3	8.11	STANDARD DEVIATION	4.2856
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	17	45.95	SKEW	1.8039
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	14	37.84	EXCESS KURTOSIS	3.1035
20 PPM *	XXX				*	2	5.41	COEFFICIENT OF VARIANCE, %	66.3461
50 PPM *	X				*	1	2.70	STANDARD ERROR OF THE MEAN	.7045
100 PPM *					*			LOWER 95% LIMIT ON THE MEAN	5.0311
200 PPM *					*			UPPER 95% LIMIT ON THE MEAN	7.8878
500 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-2.2287
					*			UPPER 95% LIMIT ON THE RANGE	15.1477
					*			GEOMETRIC MEAN	5.4526
					*			LOG10 MEAN	.7366
					*			LOG10 VARIANCE	.0619
					*			LOG10 STANDARD DEVIATION	.2489
	**	*	*	*	*			STANDARD ERROR ON THE MEAN	.0409
	0	20	40	60	80	100		LOWER 95% LIMIT ON THE MEAN	4.5046
								UPPER 95% LIMIT ON THE MEAN	6.6001
								LOWER 95% LIMIT ON THE RANGE	1.7063
								UPPER 95% LIMIT ON THE RANGE	17.4243
								MINIMUM VALUE	2.0000
								25TH PERCENTILE OR 1ST QUARTILE	4.0000
								50TH PERCENTILE OR MEDIAN	5.0000
								75TH PERCENTILE OR 3RD QUARTILE	8.0000
								80TH PERCENTILE	10.0000
								90TH PERCENTILE	10.0000
								95TH PERCENTILE	17.0000
								98TH PERCENTILE	21.0000
								99TH PERCENTILE	21.0000
								MAXIMUM VALUE	21.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	7
50 PPB *					*			ARITHMETIC MEAN	4.5714
100 PPB *					*			VARIANCE	9.6190
200 PPB *					*			STANDARD DEVIATION	3.1015
500 PPB *					*			SKEW	.2158
1 PPM *	XXXXXXXXXXXXXXXXXX				*	2	28.57	EXCESS KURTOSIS	-1.2170
2 PPM *					*		28.57	COEFFICIENT OF VARIANCE, %	67.8444
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	STANDARD ERROR OF THE MEAN	1.1722
10 PPM *	XXXXXXXXXXXXXXXXXXXX				*		71.43	LOWER 95% LIMIT ON THE MEAN	1.7991
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	7.3438
50 PPM *					*	2	28.57	LOWER 95% LIMIT ON THE RANGE	-2.7635
					*		100.00	UPPER 95% LIMIT ON THE RANGE	11.9064
**	*	*	*	*	*			GEOMETRIC MEAN	3.4451
0	20	40	60	80	100			LOG10 MEAN	.5372
								LOG10 VARIANCE	.1533
								LOG10 STANDARD DEVIATION	.3915
								STANDARD ERROR ON THE MEAN	.1480
								LOWER 95% LIMIT ON THE MEAN	1.5391
								UPPER 95% LIMIT ON THE MEAN	7.7116
								LOWER 95% LIMIT ON THE RANGE	.4086
								UPPER 95% LIMIT ON THE RANGE	29.0442
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	4.0000
								50TH PERCENTILE OR MEDIAN	4.0000
								75TH PERCENTILE OR 3RD QUARTILE	8.0000
								80TH PERCENTILE	9.0000
								90TH PERCENTILE	9.0000
								95TH PERCENTILE	9.0000
								98TH PERCENTILE	9.0000
								99TH PERCENTILE	9.0000
								MAXIMUM VALUE	9.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	3
100 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*				NUMBER OF NON-ZERO SAMPLES	3
500 PPB *					*				ARITHMETIC MEAN	6.0000
1 PPM *					*				VARIANCE	9.0000
2 PPM *					*				STANDARD DEVIATION	3.0000
5 PPM *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	33.33	SKEW	-.0000
10 PPM *	XX				*	2	66.67	100.00	EXCESS KURTOSIS	-1.5000
20 PPM *					*				COEFFICIENT OF VARIANCE, %	50.0000
50 PPM *					*				STANDARD ERROR OF THE MEAN	1.7321
	**	*	*	*	*				LOWER 95% LIMIT ON THE MEAN	.4886
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE MEAN	11.5114
									LOWER 95% LIMIT ON THE RANGE	-3.5460
									UPPER 95% LIMIT ON THE RANGE	15.5460
									GEOMETRIC MEAN	5.4514
									LOG10 MEAN	.7365
									LOG10 VARIANCE	.0582
									LOG10 STANDARD DEVIATION	.2413
									STANDARD ERROR ON THE MEAN	.1393
									LOWER 95% LIMIT ON THE MEAN	1.9645
									UPPER 95% LIMIT ON THE MEAN	15.1270
									LOWER 95% LIMIT ON THE RANGE	.9306
									UPPER 95% LIMIT ON THE RANGE	31.9324
									MINIMUM VALUE	3.0000
									25TH PERCENTILE OR 1ST QUARTILE	6.0000
									50TH PERCENTILE OR MEDIAN	6.0000
									75TH PERCENTILE OR 3RD QUARTILE	9.0000
									80TH PERCENTILE	9.0000
									90TH PERCENTILE	9.0000
									95TH PERCENTILE	9.0000
									98TH PERCENTILE	9.0000
									99TH PERCENTILE	9.0000
									MAXIMUM VALUE	9.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
PB LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	2.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
GEOMETRIC MEAN	2.0000
LOG10 MEAN	.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	2.0000
95TH PERCENTILE	2.0000
98TH PERCENTILE	2.0000
99TH PERCENTILE	2.0000
MAXIMUM VALUE	2.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM GRCK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	57
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	57
50 PPB *					*			ARITHMETIC MEAN	4.4561
100 PPB *					*			VARIANCE	14.2525
200 PPB *					*			STANDARD DEVIATION	3.7752
500 PPB *					*			SKEW	2.6004
	XXXXX				*	6	10.53	EXCESS KURTOSIS	7.6326
1 PPM *					*			COEFFICIENT OF VARIANCE, %	84.7202
2 PPM *	XXXXXXXXXX				*	10	17.54	STANDARD ERROR OF THE MEAN	.5000
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	29	50.88	LOWER 95% LIMIT ON THE MEAN	3.4549
10 PPM *	XXXXXXX				*	8	14.04	UPPER 95% LIMIT ON THE MEAN	5.4574
20 PPM *	XXX				*	3	5.26	LOWER 95% LIMIT ON THE RANGE	-3.1034
50 PPM *	X				*	1	1.75	UPPER 95% LIMIT ON THE RANGE	12.0157
100 PPM *					*			GEOMETRIC MEAN	3.4848
200 PPM *					*			LOG10 MEAN	.5422
500 PPM *					*			LOG10 VARIANCE	.0894
**	*	*	*	*	*			LOG10 STANDARD DEVIATION	.2989
0	20	40	60	80	100			STANDARD ERROR ON THE MEAN	.0396
								LOWER 95% LIMIT ON THE MEAN	2.9033
								UPPER 95% LIMIT ON THE MEAN	4.1827
								LOWER 95% LIMIT ON THE RANGE	.8783
								UPPER 95% LIMIT ON THE RANGE	13.8268
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	2.0000
								50TH PERCENTILE OR MEDIAN	3.0000
								75TH PERCENTILE OR 3RD QUARTILE	5.0000
								80TH PERCENTILE	6.0000
								90TH PERCENTILE	8.0000
								95TH PERCENTILE	13.0000
								98TH PERCENTILE	21.0000
								99TH PERCENTILE	21.0000
								MAXIMUM VALUE	21.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPB *									TOTAL NUMBER OF SAMPLES	5
20 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *									NUMBER OF NON-ZERO SAMPLES	5
100 PPB *									ARITHMETIC MEAN	4.6000
200 PPB *									VARIANCE	5.3000
500 PPB *									STANDARD DEVIATION	2.3022
1 PPM *	XXXXXXXXXX					1	20.00	20.00	SKEW	-.6927
2 PPM *									EXCESS KURTOSIS	-.7179
5 PPM *	XXXXXXXXXXXXXXXXXXXXXX					2	40.00	60.00	COEFFICIENT OF VARIANCE, %	50.0472
10 PPM *	XXXXXXXXXXXXXXXXXXXXXX					2	40.00	100.00	STANDARD ERROR OF THE MEAN	1.0296
20 PPM *									LOWER 95% LIMIT ON THE MEAN	1.9530
50 PPM *									UPPER 95% LIMIT ON THE MEAN	7.2470
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-1.3189
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	10.5189
									GEOMETRIC MEAN	3.8446
									LOG10 MEAN	.5849
									LOG10 VARIANCE	.1151
									LOG10 STANDARD DEVIATION	.3393
									STANDARD ERROR ON THE MEAN	.1517
									LOWER 95% LIMIT ON THE MEAN	1.5658
									UPPER 95% LIMIT ON THE MEAN	9.4398
									LOWER 95% LIMIT ON THE RANGE	.5159
									UPPER 95% LIMIT ON THE RANGE	28.6526
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	4.0000
									50TH PERCENTILE OR MEDIAN	5.0000
									75TH PERCENTILE OR 3RD QUARTILE	7.0000
									80TH PERCENTILE	7.0000
									90TH PERCENTILE	7.0000
									95TH PERCENTILE	7.0000
									98TH PERCENTILE	7.0000
									99TH PERCENTILE	7.0000
									MAXIMUM VALUE	7.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM AEXV

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
100 PPB *					*				TOTAL NUMBER OF SAMPLES	13
200 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *					*				NUMBER OF NON-ZERO SAMPLES	13
1 PPM *					*				ARITHMETIC MEAN	8.4615
2 PPM *	XXXXXXXX				*	2	15.38	15.38	VARIANCE	36.7692
5 PPM *	XXXXXXXX				*	2	15.38	30.77	STANDARD DEVIATION	6.0638
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	6	46.15	76.92	SKEW	1.3607
20 PPM *	XXXXXXXX				*	2	15.38	92.31	EXCESS KURTOSIS	1.4054
50 PPM *	XXXX				*	1	7.69	100.00	COEFFICIENT OF VARIANCE, %	71.6627
100 PPM *					*				STANDARD ERROR OF THE MEAN	1.6818
200 PPM *					*				LOWER 95% LIMIT ON THE MEAN	4.8289
500 PPM *					*				UPPER 95% LIMIT ON THE MEAN	12.0942
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-4.6362
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	21.5593
									GEOMETRIC MEAN	6.7314
									LOG10 MEAN	.8281
									LOG10 VARIANCE	.0996
									LOG10 STANDARD DEVIATION	.3156
									STANDARD ERROR ON THE MEAN	.0875
									LOWER 95% LIMIT ON THE MEAN	4.3556
									UPPER 95% LIMIT ON THE MEAN	10.4031
									LOWER 95% LIMIT ON THE RANGE	1.4011
									UPPER 95% LIMIT ON THE RANGE	32.3414
									MINIMUM VALUE	2.0000
									25TH PERCENTILE OR 1ST QUARTILE	4.0000
									50TH PERCENTILE OR MEDIAN	7.0000
									75TH PERCENTILE OR 3RD QUARTILE	12.0000
									80TH PERCENTILE	12.0000
									90TH PERCENTILE	24.0000
									95TH PERCENTILE	24.0000
									98TH PERCENTILE	24.0000
									99TH PERCENTILE	24.0000
									MAXIMUM VALUE	24.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 PB LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	58	
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	58	
50 PPB *					*			ARITHMETIC MEAN	5.8276	
100 PPB *					*			VARIANCE	18.6013	
200 PPB *					*			STANDARD DEVIATION	4.3129	
500 PPB *					*			SKEW	1.8977	
					*			EXCESS KURTOSIS	4.2270	
1 PPM *	XXXX				*	5	8.62	8.62	COEFFICIENT OF VARIANCE, %	74.0088
2 PPM *	XXX				*	3	5.17	13.79	STANDARD ERROR OF THE MEAN	.5663
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	28	48.28	62.07	LOWER 95% LIMIT ON THE MEAN	4.6941
10 PPM *	XXXXXXXXXXXXXXXXXXXX				*	16	27.59	89.66	UPPER 95% LIMIT ON THE MEAN	6.9611
20 PPM *	XXXX				*	5	8.62	98.28	LOWER 95% LIMIT ON THE RANGE	-2.8052
50 PPM *	X				*	1	1.72	100.00	UPPER 95% LIMIT ON THE RANGE	14.4603
100 PPM *					*				GEOMETRIC MEAN	4.6007
200 PPM *					*				LOG10 MEAN	.6628
500 PPM *					*				LOG10 VARIANCE	.0961
					*				LOG10 STANDARD DEVIATION	.3100
					*				STANDARD ERROR ON THE MEAN	.0407
					*				LOWER 95% LIMIT ON THE MEAN	3.8138
					*				UPPER 95% LIMIT ON THE MEAN	5.5499
					*				LOWER 95% LIMIT ON THE RANGE	1.1026
					*				UPPER 95% LIMIT ON THE RANGE	19.1975
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	3.0000
									50TH PERCENTILE OR MEDIAN	5.0000
									75TH PERCENTILE OR 3RD QUARTILE	7.0000
									80TH PERCENTILE	3.0000
									90TH PERCENTILE	12.0000
									95TH PERCENTILE	18.0000
									98TH PERCENTILE	23.0000
									99TH PERCENTILE	23.0000
									MAXIMUM VALUE	23.0000

PERCENT

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
AKRK	PB LKSD	PPM	24	8.96	5.49	61.3	1.51	3.03	6.65 11.3	7.46	.8729	.2883	5.64 9.87
DIBS	PB LKSD	PPM	16	4.00	2.19	54.8	1.26	1.52	2.84 5.16	3.50	.5439	.2372	2.62 4.67
GRNT	PB LKSD	PPM	384	5.53	4.74	85.7	2.91	12.61	5.06 6.01	4.20	.6232	.3248	3.90 4.53
GRNG	PB LKSD	PPM	230	4.70	3.31	70.5	2.68	14.42	4.27 5.13	3.81	.5811	.2882	3.50 4.15
GRDR	PB LKSD	PPM	37	6.46	4.29	66.3	1.80	3.10	5.03 7.89	5.45	.7366	.2489	4.50 6.60
QZFP	PB LKSD	PPM	7	4.57	3.10	67.8	.22	-1.22	1.80 7.34	3.45	.5372	.3915	1.54 7.71
MGMT	PB LKSD	PPM	79	4.78	3.62	75.6	2.95	10.10	3.98 5.59	3.99	.6005	.2515	3.50 4.54
UMFC	PB LKSD	PPM	3	6.00	3.00	50.0	-0.00	-1.50	.489 11.5	5.45	.7365	.2413	1.96 15.1
CGLM	PB LKSD	PPM	1	2.00	.100E-05	.0	.00	.00	2.00 2.00	2.00	.3010	.0000	2.00 2.00
GRCK	PB LKSD	PPM	57	4.46	3.78	84.7	2.60	7.63	3.45 5.46	3.48	.5422	.2989	2.90 4.18
SCST	PB LKSD	PPM	1	2.00	.100E-05	.0	.00	.00	2.00 2.00	2.00	.3010	.0000	2.00 2.00
GRSC	PB LKSD	PPM	5	4.60	2.30	50.0	-6.69	-7.72	1.95 7.25	3.84	.5849	.3393	1.57 9.44
AEXV	PB LKSD	PPM	13	8.46	6.06	71.7	1.36	1.41	4.83 12.1	6.73	.8281	.3156	4.36 10.4
BEXV	PB LKSD	PPM	58	5.83	4.31	74.0	1.90	4.23	4.69 6.96	4.60	.6628	.3100	3.81 5.55

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	PB LKSD	PPM	24	1.000	5.000	9.000	12.000	12.000	18.000	27.000	27.000	27.000	27.000	27.000
DIBS	PB LKSD	PPM	16	1.000	3.000	3.000	6.000	6.000	6.000	10.000	10.000	10.000	10.000	10.000
GRNT	PB LKSD	PPM	384	1.000	3.000	4.000	7.000	8.000	10.000	14.000	19.000	25.000	38.000	38.000
GRNG	PB LKSD	PPM	230	1.000	3.000	4.000	6.000	7.000	9.000	11.000	13.000	15.000	30.000	30.000
GRDR	PB LKSD	PPM	37	2.000	4.000	5.000	8.000	10.000	10.000	17.000	21.000	21.000	21.000	21.000
QZFP	PB LKSD	PPM	7	1.000	4.000	4.000	8.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
MGMT	PB LKSD	PPM	79	1.000	3.000	4.000	6.000	6.000	8.000	10.000	21.000	21.000	21.000	21.000
UMFC	PB LKSD	PPM	3	3.000	6.000	6.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
CGLM	PB LKSD	PPM	1	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
GRCK	PB LKSD	PPM	57	1.000	2.000	3.000	5.000	6.000	8.000	13.000	21.000	21.000	21.000	21.000
SCST	PB LKSD	PPM	1	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
GRSC	PB LKSD	PPM	5	1.000	4.000	5.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
AEXV	PB LKSD	PPM	13	2.000	4.000	7.000	12.000	12.000	24.000	24.000	24.000	24.000	24.000	24.000
BEXV	PB LKSD	PPM	58	1.000	3.000	5.000	7.000	8.000	12.000	18.000	23.000	23.000	23.000	23.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM AKRK

HISTOGRAM

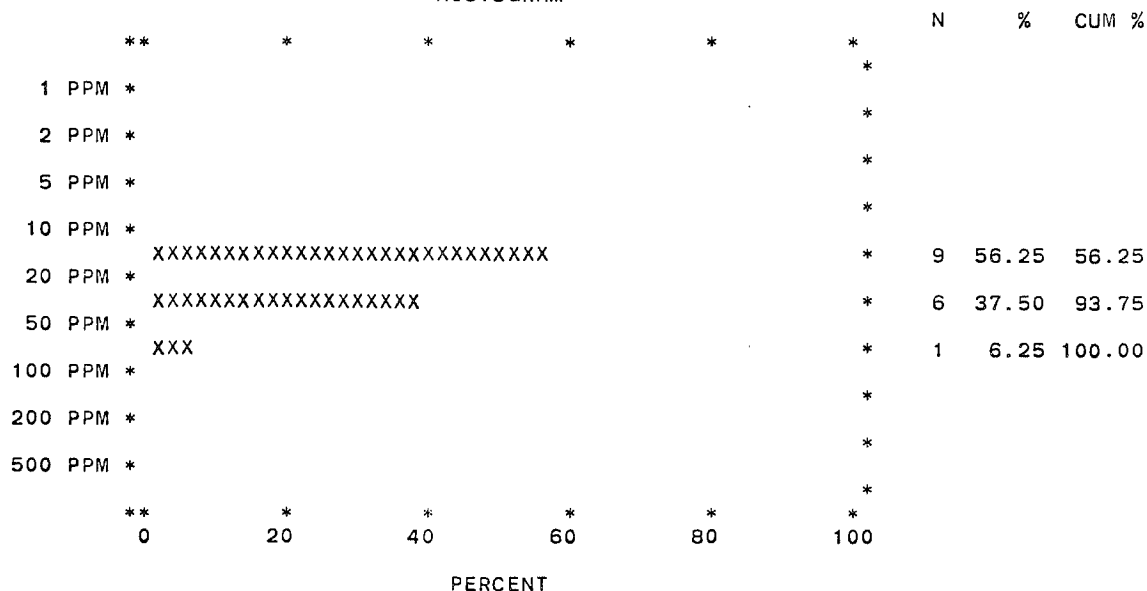
SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	24
100 PPB *				NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *				NUMBER OF NON-ZERO SAMPLES	24
500 PPB *				ARITHMETIC MEAN	15.5000
1 PPM *				VARIANCE	56.0000
2 PPM *				STANDARD DEVIATION	7.4833
5 PPM *				SKEW	1.1017
10 PPM *				EXCESS KURTOSIS	.8449
20 PPM *				COEFFICIENT OF VARIANCE, %	48.2795
50 PPM *				STANDARD ERROR OF THE MEAN	1.5275
100 PPM *	7	29.17	29.17	LOWER 95% LIMIT ON THE MEAN	12.3472
200 PPM *				UPPER 95% LIMIT ON THE MEAN	18.6528
500 PPM *				LOWER 95% LIMIT ON THE RANGE	.0544
				UPPER 95% LIMIT ON THE RANGE	30.9456
				GEOMETRIC MEAN	13.9975
				LOG10 MEAN	1.1461
				LOG10 VARIANCE	.0392
				LOG10 STANDARD DEVIATION	.1981
** * * * *				STANDARD ERROR ON THE MEAN	.0404
0 20 40 60 80 100				LOWER 95% LIMIT ON THE MEAN	11.5500
				UPPER 95% LIMIT ON THE MEAN	16.9637
				LOWER 95% LIMIT ON THE RANGE	5.4594
				UPPER 95% LIMIT ON THE RANGE	35.8888
				MINIMUM VALUE	7.0000
				25TH PERCENTILE OR 1ST QUARTILE	10.0000
				50TH PERCENTILE OR MEDIAN	13.0000
				75TH PERCENTILE OR 3RD QUARTILE	22.0000
				80TH PERCENTILE	23.0000
				90TH PERCENTILE	26.0000
				95TH PERCENTILE	37.0000
				98TH PERCENTILE	37.0000
				99TH PERCENTILE	37.0000
				MAXIMUM VALUE	37.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM DIBS

HISTOGRAM



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	16
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	16
ARITHMETIC MEAN	22.8125
VARIANCE	117.4958
STANDARD DEVIATION	10.8395
SKEW	1.7324
EXCESS KURTOSIS	2.4042
COEFFICIENT OF VARIANCE, %	47.5158
STANDARD ERROR OF THE MEAN	2.7099
LOWER 95% LIMIT ON THE MEAN	17.0675
UPPER 95% LIMIT ON THE MEAN	28.5575
LOWER 95% LIMIT ON THE RANGE	-1.1673
UPPER 95% LIMIT ON THE RANGE	45.7923
GEOMETRIC MEAN	21.0349
LOG10 MEAN	1.3229
LOG10 VARIANCE	.0290
LOG10 STANDARD DEVIATION	.1704
STANDARD ERROR ON THE MEAN	.0426
LOWER 95% LIMIT ON THE MEAN	17.0851
UPPER 95% LIMIT ON THE MEAN	25.8977
LOWER 95% LIMIT ON THE RANGE	9.1549
UPPER 95% LIMIT ON THE RANGE	48.3310
MINIMUM VALUE	13.0000
25TH PERCENTILE OR 1ST QUARTILE	16.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	26.0000
80TH PERCENTILE	32.0000
90TH PERCENTILE	39.0000
95TH PERCENTILE	54.0000
98TH PERCENTILE	54.0000
99TH PERCENTILE	54.0000
MAXIMUM VALUE	54.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM GRNT

HISTOGRAM									SUMMARY STATISTICS	
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	384
					*				NUMBER OF ZERO VALUE SAMPLES	0
100 PPB *					*				NUMBER OF NON-ZERO SAMPLES	384
200 PPB *					*				ARITHMETIC MEAN	19.0234
500 PPB *					*				VARIANCE	77.1561
1 PPM *					*				STANDARD DEVIATION	8.7839
2 PPM *					*				SKEW	1.5930
5 PPM * X					*	5	1.30	1.30	EXCESS KURTOSIS	4.9426
XXXXXX					*	47	12.24	13.54	COEFFICIENT OF VARIANCE, %	46.1739
10 PPM *					*	199	51.82	65.36	STANDARD ERROR OF THE MEAN	.4482
XXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	199	51.82	65.36	LOWER 95% LIMIT ON THE MEAN	18.1420
20 PPM *					*	128	33.33	98.70	UPPER 95% LIMIT ON THE MEAN	19.9048
XXXXXXXXXXXXXXXXXXXX					*	128	33.33	98.70	LOWER 95% LIMIT ON THE RANGE	1.7516
50 PPM *					*	5	1.30	100.00	UPPER 95% LIMIT ON THE RANGE	36.2953
X					*				GEOMETRIC MEAN	17.2426
100 PPM *					*				LOG10 MEAN	1.2366
200 PPM *					*				LOG10 VARIANCE	.0382
500 PPM *					*				LOG10 STANDARD DEVIATION	.1955
**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0100
0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	16.4811
									UPPER 95% LIMIT ON THE MEAN	18.0393

PERCENT

	LOWER 95% LIMIT ON THE RANGE	7.1154
	UPPER 95% LIMIT ON THE RANGE	41.7839
	MINIMUM VALUE	4.0000
	25TH PERCENTILE OR 1ST QUARTILE	13.0000
	50TH PERCENTILE OR MEDIAN	18.0000
	75TH PERCENTILE OR 3RD QUARTILE	23.0000
	80TH PERCENTILE	24.0000
	90TH PERCENTILE	29.0000
	95TH PERCENTILE	35.0000
	98TH PERCENTILE	44.0000
	99TH PERCENTILE	52.0000
	MAXIMUM VALUE	69.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET				SUMMARY STATISTICS	
NI	LKSD	PPM	GRNG					
HISTOGRAM								
**	*	*	*	*	N	%	CUM %	
10 PPB *				*				TOTAL NUMBER OF SAMPLES 230
20 PPB *				*				NUMBER OF ZERO VALUE SAMPLES 0
50 PPB *				*				NUMBER OF NON-ZERO SAMPLES 230
100 PPB *				*				ARITHMETIC MEAN 21.6478
200 PPB *				*				VARIANCE 90.0195
500 PPB *				*				STANDARD DEVIATION 9.4879
1 PPM * I				*	1	.43	.43	SKEW 1.7524
2 PPM * I				*				EXCESS KURTOSIS 7.0674
5 PPM * XX				*	2	.87	1.30	COEFFICIENT OF VARIANCE. % 43.8282
10 PPM * XXXXXXXXXXXXXXXXXXXXXXXXXX				*	10	4.35	5.65	STANDARD ERROR OF THE MEAN .6256
20 PPM * XXXXXXXXXXXXXXXXXXXXXXXXXX				*	110	47.83	53.48	LOWER 95% LIMIT ON THE MEAN 20.4149
50 PPM * X				*	103	44.78	98.26	UPPER 95% LIMIT ON THE MEAN 22.8808
100 PPM *				*	4	1.74	100.00	LOWER 95% LIMIT ON THE RANGE 2.9491
200 PPM *				*				UPPER 95% LIMIT ON THE RANGE 40.3465
500 PPM *				*				GEOMETRIC MEAN 19.6953
**	*	*	*	*				LOG10 MEAN 1.2944
0	20	40	60	80	100			LOG10 VARIANCE .0411
PERCENT								LOG10 STANDARD DEVIATION .2027
								STANDARD ERROR ON THE MEAN .0134
								LOWER 95% LIMIT ON THE MEAN 18.5361
								UPPER 95% LIMIT ON THE MEAN 20.9269
								LOWER 95% LIMIT ON THE RANGE 7.8494
								UPPER 95% LIMIT ON THE RANGE 49.4180
								MINIMUM VALUE 1.0000
								25TH PERCENTILE OR 1ST QUARTILE 15.0000
								50TH PERCENTILE OR MEDIAN 20.0000
								75TH PERCENTILE OR 3RD QUARTILE 27.0000
								80TH PERCENTILE 28.0000
								90TH PERCENTILE 32.0000
								95TH PERCENTILE 38.0000
								98TH PERCENTILE 47.0000
								99TH PERCENTILE 57.0000
								MAXIMUM VALUE 81.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *					*				TOTAL NUMBER OF SAMPLES	7
2 PPM *					*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *					*				NUMBER OF NON-ZERO SAMPLES	7
10 PPM *					*				ARITHMETIC MEAN	24.4286
					*				VARIANCE	88.2857
20 PPM *					*	3	42.86	42.86	STANDARD DEVIATION	9.3960
					*				SKEW	1.1236
50 PPM *					*	4	57.14	100.00	EXCESS KURTOSIS	.2163
					*				COEFFICIENT OF VARIANCE, %	38.4634
100 PPM *					*				STANDARD ERROR OF THE MEAN	3.5514
					*				LOWER 95% LIMIT ON THE MEAN	16.0296
200 PPM *					*				UPPER 95% LIMIT ON THE MEAN	32.8276
500 PPM *					*				LOWER 95% LIMIT ON THE RANGE	2.2069
					*				UPPER 95% LIMIT ON THE RANGE	46.6502
	**	*	*	*	*				GEOMETRIC MEAN	23.1143
	0	20	40	60	80	100			LOG10 MEAN	1.3639
									LOG10 VARIANCE	.0229
									LOG10 STANDARD DEVIATION	.1513
									STANDARD ERROR ON THE MEAN	.0572
									LOWER 95% LIMIT ON THE MEAN	16.9292
									UPPER 95% LIMIT ON THE MEAN	31.5593
									LOWER 95% LIMIT ON THE RANGE	10.1404
									UPPER 95% LIMIT ON THE RANGE	52.6874
									MINIMUM VALUE	16.0000
									25TH PERCENTILE OR 1ST QUARTILE	18.0000
									50TH PERCENTILE OR MEDIAN	23.0000
									75TH PERCENTILE OR 3RD QUARTILE	28.0000
									80TH PERCENTILE	43.0000
									90TH PERCENTILE	43.0000
									95TH PERCENTILE	43.0000
									98TH PERCENTILE	43.0000
									99TH PERCENTILE	43.0000
									MAXIMUM VALUE	43.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM MGMT

HISTOGRAM						SUMMARY STATISTICS				
**	*	*	*	*	*	N	%	CUM %		
100 PPB *					*				TOTAL NUMBER OF SAMPLES	79
					*				NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*				NUMBER OF NON-ZERO SAMPLES	79
500 PPB *					*				ARITHMETIC MEAN	22.9241
1 PPM *					*				VARIANCE	107.6608
2 PPM *	X				*	1	1.27	1.27	STANDARD DEVIATION	10.3760
5 PPM *	X				*	1	1.27	2.53	SKEW	.4897
10 PPM *	XXX				*	5	6.33	8.86	EXCESS KURTOSIS	.2457
20 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	30	37.97	46.84	COEFFICIENT OF VARIANCE, %	45.2624
50 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	41	51.90	98.73	STANDARD ERROR OF THE MEAN	1.1674
100 PPM *	X				*	1	1.27	100.00	LOWER 95% LIMIT ON THE MEAN	20.6001
200 PPM *					*				UPPER 95% LIMIT ON THE MEAN	25.2480
500 PPM *					*				LOWER 95% LIMIT ON THE RANGE	2.2684
					*				UPPER 95% LIMIT ON THE RANGE	43.5797
					*				GEOMETRIC MEAN	20.1975
					*				LOG10 MEAN	1.3053
					*				LOG10 VARIANCE	.0600
					*				LOG10 STANDARD DEVIATION	.2449
**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0276
0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	17.8008
									UPPER 95% LIMIT ON THE MEAN	22.9169
									LOWER 95% LIMIT ON THE RANGE	6.5722
									UPPER 95% LIMIT ON THE RANGE	62.0702
									MINIMUM VALUE	2.0000
									25TH PERCENTILE OR 1ST QUARTILE	16.0000
									50TH PERCENTILE OR MEDIAN	22.0000
									75TH PERCENTILE OR 3RD QUARTILE	30.0000
									80TH PERCENTILE	32.0000
									90TH PERCENTILE	36.0000
									95TH PERCENTILE	43.0000
									98TH PERCENTILE	46.0000
									99TH PERCENTILE	56.0000
									MAXIMUM VALUE	56.0000

PERCENT

VARIABLE NAME
NI LKSD

UNIT OF MEASUREMENT
PPM

DATA SUBSET
UMFC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *	**	*	*	*	*				TOTAL NUMBER OF SAMPLES	3
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	3
10 PPM *									ARITHMETIC MEAN	27.0000
20 PPM *						2	66.67	66.67	VARIANCE	244.0000
50 PPM *						1	33.33	100.00	STANDARD DEVIATION	15.6205
100 PPM *									SKEW	.6941
200 PPM *									EXCESS KURTOSIS	-1.5000
500 PPM *									COEFFICIENT OF VARIANCE, %	57.8537
	**	*	*	*	*				STANDARD ERROR OF THE MEAN	9.0185
	0	20	40	60	80				LOWER 95% LIMIT ON THE MEAN	-1.6969
									UPPER 95% LIMIT ON THE MEAN	55.6969
									LOWER 95% LIMIT ON THE RANGE	-22.7044
									UPPER 95% LIMIT ON THE RANGE	76.7044
									GEOMETRIC MEAN	24.4046
									LOG10 MEAN	1.3875
									LOG10 VARIANCE	.0535
									LOG10 STANDARD DEVIATION	.2314
									STANDARD ERROR ON THE MEAN	.1336
									LOWER 95% LIMIT ON THE MEAN	9.1697
									UPPER 95% LIMIT ON THE MEAN	64.9512
									LOWER 95% LIMIT ON THE RANGE	4.4787
									UPPER 95% LIMIT ON THE RANGE	132.9822
									MINIMUM VALUE	17.0000
									25TH PERCENTILE OR 1ST QUARTILE	19.0000
									50TH PERCENTILE OR MEDIAN	19.0000
									75TH PERCENTILE OR 3RD QUARTILE	45.0000
									80TH PERCENTILE	45.0000
									90TH PERCENTILE	45.0000
									95TH PERCENTILE	45.0000
									98TH PERCENTILE	45.0000
									99TH PERCENTILE	45.0000
									MAXIMUM VALUE	45.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
NI LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	27.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	27.0000
UPPER 95% LIMIT ON THE MEAN	27.0000
LOWER 95% LIMIT ON THE RANGE	27.0000
UPPER 95% LIMIT ON THE RANGE	27.0000
GEOMETRIC MEAN	27.0000
LOG10 MEAN	1.4314
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	27.0000
UPPER 95% LIMIT ON THE MEAN	27.0000
LOWER 95% LIMIT ON THE RANGE	27.0000
UPPER 95% LIMIT ON THE RANGE	27.0000
MINIMUM VALUE	27.0000
25TH PERCENTILE OR 1ST QUARTILE	27.0000
50TH PERCENTILE OR MEDIAN	27.0000
75TH PERCENTILE OR 3RD QUARTILE	27.0000
80TH PERCENTILE	27.0000
90TH PERCENTILE	27.0000
95TH PERCENTILE	27.0000
98TH PERCENTILE	27.0000
99TH PERCENTILE	27.0000
MAXIMUM VALUE	27.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM GRCK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	57
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	57
500 PPB *					*			ARITHMETIC MEAN	31.7544
1 PPM *					*			VARIANCE	300.2243
2 PPM *					*			STANDARD DEVIATION	17.3270
5 PPM *					*			SKEW	2.0646
10 PPM *	XXX				*	3	5.26	EXCESS KURTOSIS	6.7135
20 PPM *	XXXXXXX				*	8	14.04	COEFFICIENT OF VARIANCE, %	54.5656
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	40	70.18	STANDARD ERROR OF THE MEAN	2.2950
100 PPM *	XXXX				*	5	8.17	LOWER 95% LIMIT ON THE MEAN	27.1588
200 PPM *	X				*	1	1.75	UPPER 95% LIMIT ON THE MEAN	36.3499
500 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-2.9412
1000 PPM *					*			UPPER 95% LIMIT ON THE RANGE	66.4499
2000 PPM *					*			GEOMETRIC MEAN	28.0420
5000 PPM *					*			LOG10 MEAN	1.4478
	**	*	*	*	*			LOG10 VARIANCE	.0482
	0	20	40	60	80	100		LOG10 STANDARD DEVIATION	.2194
								STANDARD ERROR ON THE MEAN	.0291
								LOWER 95% LIMIT ON THE MEAN	24.5249
								UPPER 95% LIMIT ON THE MEAN	32.0636
								LOWER 95% LIMIT ON THE RANGE	10.1950
								UPPER 95% LIMIT ON THE RANGE	77.1316
								MINIMUM VALUE	8.0000
								25TH PERCENTILE OR 1ST QUARTILE	22.0000
								50TH PERCENTILE OR MEDIAN	28.0000
								75TH PERCENTILE OR 3RD QUARTILE	38.0000
								80TH PERCENTILE	46.0000
								90TH PERCENTILE	52.0000
								95TH PERCENTILE	66.0000
								98TH PERCENTILE	112.0000
								99TH PERCENTILE	112.0000
								MAXIMUM VALUE	112.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
NI LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	74.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	74.0000
UPPER 95% LIMIT ON THE MEAN	74.0000
LOWER 95% LIMIT ON THE RANGE	74.0000
UPPER 95% LIMIT ON THE RANGE	74.0000
GEOMETRIC MEAN	74.0000
LOG10 MEAN	1.8692
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	74.0000
UPPER 95% LIMIT ON THE MEAN	74.0000
LOWER 95% LIMIT ON THE RANGE	74.0000
UPPER 95% LIMIT ON THE RANGE	74.0000
MINIMUM VALUE	74.0000
25TH PERCENTILE OR 1ST QUARTILE	74.0000
50TH PERCENTILE OR MEDIAN	74.0000
75TH PERCENTILE OR 3RD QUARTILE	74.0000
80TH PERCENTILE	74.0000
90TH PERCENTILE	74.0000
95TH PERCENTILE	74.0000
98TH PERCENTILE	74.0000
99TH PERCENTILE	74.0000
MAXIMUM VALUE	74.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
100 PPB *									TOTAL NUMBER OF SAMPLES	5
200 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *									NUMBER OF NON-ZERO SAMPLES	5
1 PPM *									ARITHMETIC MEAN	15.6000
2 PPM *	XXXXXXXXXX					1	20.00	20.00	VARIANCE	112.3000
5 PPM *									STANDARD DEVIATION	10.5972
10 PPM *	XXXXXXXXXX					1	20.00	40.00	SKREW	-.0316
20 PPM *	XXXXXXXXXX					1	20.00	60.00	EXCESS KURTOSIS	-1.2648
50 PPM *	XXXXXXXXXXXXXXXXXXXX					2	40.00	100.00	COEFFICIENT OF VARIANCE, %	67.9306
100 PPM *									STANDARD ERROR OF THE MEAN	4.7392
200 PPM *									LOWER 95% LIMIT ON THE MEAN	3.4155
500 PPM *									UPPER 95% LIMIT ON THE MEAN	27.7845
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-11.6453
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	42.8453
									GEOMETRIC MEAN	11.2939
									LOG10 MEAN	1.0528
									LOG10 VARIANCE	.2124
									LOG10 STANDARD DEVIATION	.4608
									STANDARD ERROR ON THE MEAN	.2061
									LOWER 95% LIMIT ON THE MEAN	3.3342
									UPPER 95% LIMIT ON THE MEAN	38.2549
									LOWER 95% LIMIT ON THE RANGE	.7380
									UPPER 95% LIMIT ON THE RANGE	172.8270
									MINIMUM VALUE	2.0000
									25TH PERCENTILE OR 1ST QUARTILE	9.0000
									50TH PERCENTILE OR MEDIAN	16.0000
									75TH PERCENTILE OR 3RD QUARTILE	29.0000
									80TH PERCENTILE	29.0000
									90TH PERCENTILE	29.0000
									95TH PERCENTILE	29.0000
									98TH PERCENTILE	29.0000
									99TH PERCENTILE	29.0000
									MAXIMUM VALUE	29.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM AEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	13
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	13
5 PPM *					*			ARITHMETIC MEAN	23.7692
10 PPM *					*			VARIANCE	45.1923
20 PPM *	XXXXXXXXXXXXXXXXXX				*	4	30.17	STANDARD DEVIATION	6.7225
50 PPM *	XX				*	9	69.23	SKEW	-1.2876
100 PPM *					*		100.00	EXCESS KURTOSIS	-1.1926
200 PPM *					*			COEFFICIENT OF VARIANCE, %	28.2825
500 PPM *					*			STANDARD ERROR OF THE MEAN	1.8645
					*			LOWER 95% LIMIT ON THE MEAN	19.7419
					*			UPPER 95% LIMIT ON THE MEAN	27.7965
					*			LOWER 95% LIMIT ON THE RANGE	9.2486
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	38.2899
0	20	40	60	80	100			GEOMETRIC MEAN	22.7890
								LOG10 MEAN	1.3577
								LOG10 VARIANCE	.0185
								LOG10 STANDARD DEVIATION	.1360
								STANDARD ERROR ON THE MEAN	.0377
								LOWER 95% LIMIT ON THE MEAN	18.8916
								UPPER 95% LIMIT ON THE MEAN	27.4903
								LOWER 95% LIMIT ON THE RANGE	11.5887
								UPPER 95% LIMIT ON THE RANGE	44.8140
								MINIMUM VALUE	13.0000
								25TH PERCENTILE OR 1ST QUARTILE	19.0000
								50TH PERCENTILE OR MEDIAN	23.0000
								75TH PERCENTILE OR 3RD QUARTILE	30.0000
								80TH PERCENTILE	30.0000
								90TH PERCENTILE	32.0000
								95TH PERCENTILE	32.0000
								98TH PERCENTILE	32.0000
								99TH PERCENTILE	32.0000
								MAXIMUM VALUE	32.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 NI LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	58	
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	58	
500 PPB *					*			ARITHMETIC MEAN	35.4655	
1 PPM *					*			VARIANCE	2414.5339	
2 PPM *					*			STANDARD DEVIATION	49.1379	
5 PPM *	X				*	1	1.72	1.72	COEFFICIENT OF VARIANCE. %	138.5512
10 PPM *	XXX				*	3	5.17	6.90	STANDARD ERROR OF THE MEAN	6.4521
20 PPM *	XXXXXXXXXXXXXXXXXXXX				*	20	34.48	41.38	LOWER 95% LIMIT ON THE MEAN	22.5509
50 PPM *	XXXXXXXXXXXXXXXXXXXX				*	28	48.28	89.66	UPPER 95% LIMIT ON THE MEAN	48.3801
100 PPM *	XXX				*	4	6.90	96.55	LOWER 95% LIMIT ON THE RANGE	-62.8889
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	133.8200
500 PPM *	XX				*	2	3.45	100.00	GEOMETRIC MEAN	24.8376
1000 PPM *					*				LOG10 MEAN	1.3951
2000 PPM *					*				LOG10 VARIANCE	.1007
5000 PPM *					*				LOG10 STANDARD DEVIATION	.3173
	**	*	*	*	*				STANDARD ERROR ON THE MEAN	.0417
	0	20	40	60	80				LOWER 95% LIMIT ON THE MEAN	20.4982
									UPPER 95% LIMIT ON THE MEAN	30.0956
									LOWER 95% LIMIT ON THE RANGE	5.7545
									UPPER 95% LIMIT ON THE RANGE	107.2049
									MINIMUM VALUE	5.0000
									25TH PERCENTILE OR 1ST QUANTILE	17.0000
									50TH PERCENTILE OR MEDIAN	23.0000
									75TH PERCENTILE OR 3RD QUANTILE	35.0000
									80TH PERCENTILE	37.0000
									90TH PERCENTILE	57.0000
									95TH PERCENTILE	96.0000
									98TH PERCENTILE	295.0000
									99TH PERCENTILE	295.0000
									MAXIMUM VALUE	295.0000

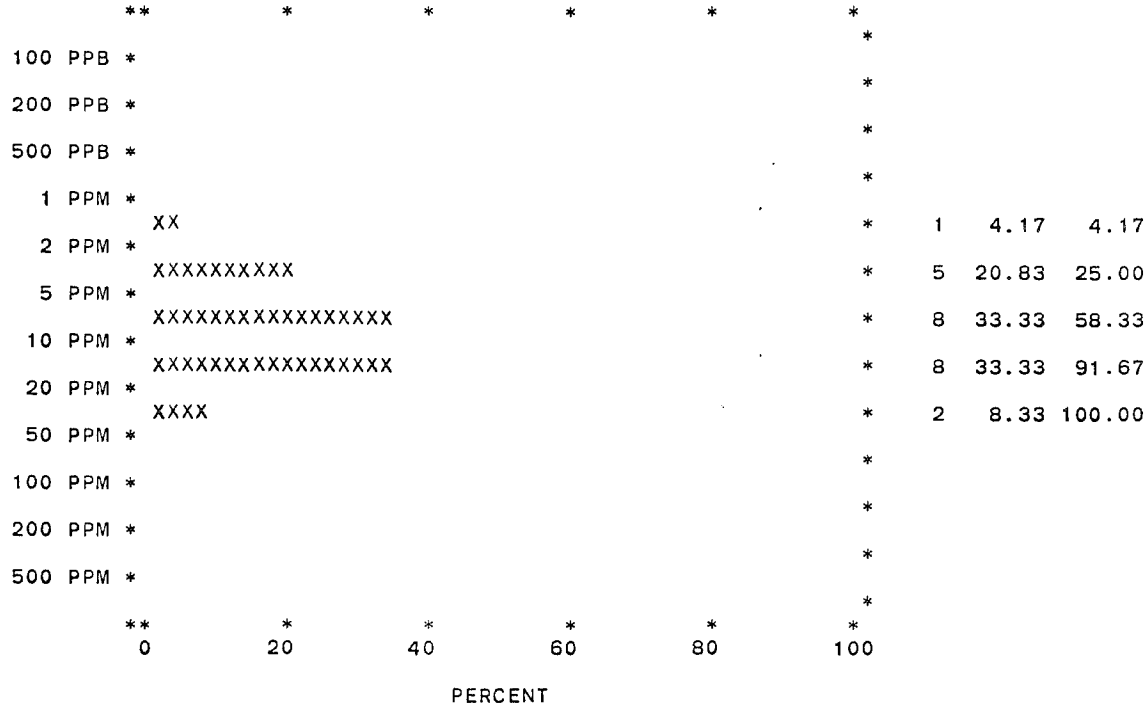
SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	G geom MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	NI LKSD	PPM	24	15.5	7.48	48.3	1.10	.84	12.3	18.7	14.0	1.1461	.1981	11.6	17.0
DIBS	NI LKSD	PPM	16	22.8	10.8	47.5	1.73	2.40	17.1	28.6	21.0	1.3229	.1704	17.1	25.9
GRNT	NI LKSD	PPM	384	19.0	8.78	46.2	1.59	4.94	18.1	19.9	17.2	1.2366	.1955	16.5	18.0
GRNG	NI LKSD	PPM	230	21.6	9.49	43.8	1.75	7.07	20.4	22.9	19.7	1.2944	.2027	18.5	20.9
GRDR	NI LKSD	PPM	37	17.9	11.4	63.4	2.80	10.87	14.2	21.7	15.5	1.1907	.2343	13.0	18.6
QZFP	NI LKSD	PPM	7	24.4	9.40	38.5	1.12	.22	17.0	32.8	23.1	1.3639	.1513	16.9	31.6
MGMT	NI LKSD	PPM	79	22.9	10.4	45.3	.49	.25	20.6	25.2	20.2	1.3053	.2449	17.8	22.9
UMFC	NI LKSD	PPM	3	27.0	15.6	57.9	.69	-1.50	-1.70	55.7	24.4	1.3875	.2314	9.17	65.0
CGLM	NI LKSD	PPM	1	27.0	.100E-05	.0	.00	.00	27.0	27.0	27.0	1.4314	.0000	27.0	27.0
GRCK	NI LKSD	PPM	57	31.8	17.3	54.6	2.06	6.71	27.2	36.3	28.0	1.4478	.2194	24.5	32.1
SCST	NI LKSD	PPM	1	74.0	.100E-05	.0	.00	.00	74.0	74.0	74.0	1.8692	.0000	74.0	74.0
GRSC	NI LKSD	PPM	5	15.6	10.6	67.9	-.03	-1.26	3.42	27.8	11.3	1.0528	.4608	3.33	38.3
AEXV	NI LKSD	PPM	13	23.8	6.72	28.3	-.29	-1.19	19.7	27.8	22.8	1.3577	.1360	18.9	27.5
BEXV	NI LKSD	PPM	58	35.5	49.1	138.6	4.31	18.75	22.6	48.4	24.8	1.3951	.3173	20.5	30.1

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	NI LKSD	PPM	24	7.000	10.000	13.000	22.000	23.000	26.000	37.000	37.000	37.000	37.000	37.000
DIBS	NI LKSD	PPM	16	13.000	16.000	20.000	26.000	32.000	39.000	54.000	54.000	54.000	54.000	54.000
GRNT	NI LKSD	PPM	384	4.000	13.000	18.000	23.000	24.000	29.000	35.000	44.000	52.000	69.000	69.000
GRNG	NI LKSD	PPM	230	1.000	15.000	20.000	27.000	28.000	32.000	38.000	47.000	57.000	81.000	81.000
GRDR	NI LKSD	PPM	37	5.000	11.000	16.000	22.000	25.000	28.000	34.000	71.000	71.000	71.000	71.000
QZFP	NI LKSD	PPM	7	16.000	18.000	23.000	28.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
MGMT	NI LKSD	PPM	79	2.000	16.000	22.000	30.000	32.000	36.000	43.000	46.000	56.000	56.000	56.000
UMFC	NI LKSD	PPM	3	17.000	19.000	19.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000
CGLM	NI LKSD	PPM	1	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000
GRCK	NI LKSD	PPM	57	8.000	22.000	28.000	38.000	46.000	52.000	66.000	112.000	112.000	112.000	112.000
SCST	NI LKSD	PPM	1	74.000	74.000	74.000	74.000	74.000	74.000	74.000	74.000	74.000	74.000	74.000
GRSC	NI LKSD	PPM	5	2.000	9.000	16.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000	29.000
AEXV	NI LKSD	PPM	13	13.000	19.000	23.000	30.000	30.000	32.000	32.000	32.000	32.000	32.000	32.000
BEXV	NI LKSD	PPM	58	5.000	17.000	23.000	35.000	37.000	57.000	96.000	295.000	295.000	295.000	295.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM AKRK

HISTOGRAM



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	24
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	24
ARITHMETIC MEAN	10.2500
VARIANCE	57.5000
STANDARD DEVIATION	7.5829
SKEW	1.3810
EXCESS KURTOSIS	1.5736
COEFFICIENT OF VARIANCE, %	73.9793
STANDARD ERROR OF THE MEAN	1.5478
LOWER 95% LIMIT ON THE MEAN	7.0552
UPPER 95% LIMIT ON THE MEAN	13.4448
LOWER 95% LIMIT ON THE RANGE	-5.4011
UPPER 95% LIMIT ON THE RANGE	25.9011
GEOMETRIC MEAN	7.9553
LOG10 MEAN	.9007
LOG10 VARIANCE	.1055
LOG10 STANDARD DEVIATION	.3248
STANDARD ERROR ON THE MEAN	.0663
LOWER 95% LIMIT ON THE MEAN	5.8049
UPPER 95% LIMIT ON THE MEAN	10.9023
LOWER 95% LIMIT ON THE RANGE	1.6989
UPPER 95% LIMIT ON THE RANGE	37.2513
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	6.0000
50TH PERCENTILE OR MEDIAN	10.0000
75TH PERCENTILE OR 3RD QUARTILE	12.0000
80TH PERCENTILE	14.0000
90TH PERCENTILE	27.0000
95TH PERCENTILE	32.0000
98TH PERCENTILE	32.0000
99TH PERCENTILE	32.0000
MAXIMUM VALUE	32.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	16
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	16
500 PPB *					*			ARITHMETIC MEAN	7.4375
1 PPM *					*			VARIANCE	10.5292
2 PPM *					*			STANDARD DEVIATION	3.2449
5 PPM *	XXXXXXXXXXXXXXXXXX				*	5	31.25 31.25	SKEW	2.2539
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	10	62.50 93.75	EXCESS KURTOSIS	5.1371
20 PPM *	XXX				*	1	6.25 100.00	COEFFICIENT OF VARIANCE, %	43.6285
50 PPM *					*			STANDARD ERROR OF THE MEAN	.8112
100 PPM *					*			LOWER 95% LIMIT ON THE MEAN	5.7177
200 PPM *					*			UPPER 95% LIMIT ON THE MEAN	9.1573
500 PPM *					*			LOWER 95% LIMIT ON THE RANGE	.5584
					*			UPPER 95% LIMIT ON THE RANGE	14.3166
					*			GEOMETRIC MEAN	6.9746
					*			LOG10 MEAN	.8435
					*			LOG10 VARIANCE	.0225
					*			LOG10 STANDARD DEVIATION	.1501
	**	*	*	*	*			STANDARD ERROR ON THE MEAN	.0375
0		20	40	60	80	100		LOWER 95% LIMIT ON THE MEAN	5.8074
								UPPER 95% LIMIT ON THE MEAN	8.3763
								LOWER 95% LIMIT ON THE RANGE	3.3526
								UPPER 95% LIMIT ON THE RANGE	14.5093
								MINIMUM VALUE	5.0000
								25TH PERCENTILE OR 1ST QUARTILE	5.0000
								50TH PERCENTILE OR MEDIAN	7.0000
								75TH PERCENTILE OR 3RD QUARTILE	8.0000
								80TH PERCENTILE	9.0000
								90TH PERCENTILE	10.0000
								95TH PERCENTILE	18.0000
								98TH PERCENTILE	18.0000
								99TH PERCENTILE	18.0000
								MAXIMUM VALUE	18.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
								NUMBER OF ZERO VALUE SAMPLES	0
								NUMBER OF NON-ZERO SAMPLES	384
10 PPB *								ARITHMETIC MEAN	10.5573
20 PPB *								VARIANCE	66.4510
50 PPB *								STANDARD DEVIATION	8.1517
100 PPB *								SKEW	2.7819
200 PPB *								EXCESS KURTOSIS	11.1085
500 PPB *								COEFFICIENT OF VARIANCE, %	77.2144
X					6	1.56	1.56	STANDARD ERROR OF THE MEAN	.4160
1 PPM *					6	1.56	3.13	LOWER 95% LIMIT ON THE MEAN	9.7393
X								UPPER 95% LIMIT ON THE MEAN	11.3753
2 PPM *								LOWER 95% LIMIT ON THE RANGE	-5.4717
5 PPM *	XXXXXXXXXX				75	19.53	22.66	UPPER 95% LIMIT ON THE RANGE	26.5862
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				166	43.23	65.89	GEOMETRIC MEAN	8.4624
20 PPM *	XXXXXXXXXXXXXXXXXXXX				98	25.52	91.41	LOG10 MEAN	.9275
50 PPM *	XXXX				30	7.81	99.22	LOG10 VARIANCE	.0842
100 PPM *	I				3	.78	100.00	LOG10 STANDARD DEVIATION	.2902
200 PPM *								STANDARD ERROR ON THE MEAN	.0148
500 PPM *								LOWER 95% LIMIT ON THE MEAN	7.9137
								UPPER 95% LIMIT ON THE MEAN	9.0492
								LOWER 95% LIMIT ON THE RANGE	2.2749
								UPPER 95% LIMIT ON THE RANGE	31.4792
**	*	*	*	*	*			MINIMUM VALUE	1.0000
0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUARTILE	6.0000
								50TH PERCENTILE OR MEDIAN	9.0000
								75TH PERCENTILE OR 3RD QUARTILE	13.0000
								80TH PERCENTILE	14.0000
								90TH PERCENTILE	19.0000
								95TH PERCENTILE	26.0000
								98TH PERCENTILE	39.0000
								99TH PERCENTILE	44.0000
								MAXIMUM VALUE	67.0000

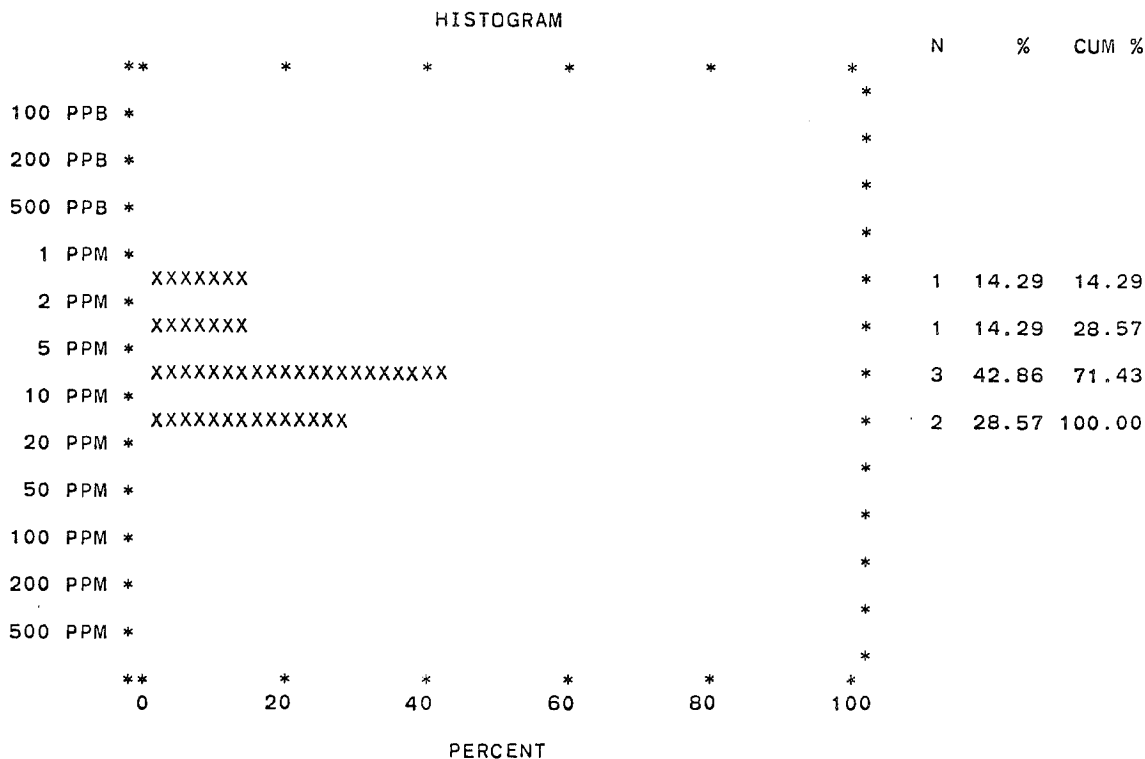
VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM GRNG

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPB *					*				TOTAL NUMBER OF SAMPLES	230
20 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *					*				NUMBER OF NON-ZERO SAMPLES	230
100 PPB *					*				ARITHMETIC MEAN	9.7870
200 PPB *					*				VARIANCE	49.1815
500 PPB *					*				STANDARD DEVIATION	7.0130
1 PPM *	X				*	3	1.30	1.30	SKEW	3.1435
2 PPM *	I				*	2	.87	2.17	EXCESS KURTOSIS	14.3115
5 PPM *	XXXXXXXXXX				*	45	19.57	21.74	COEFFICIENT OF VARIANCE. %	71.6561
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	113	49.13	70.87	STANDARD ERROR OF THE MEAN	.4624
20 PPM *	XXXXXXXXXXXXXXXXXX				*	53	23.04	93.91	LOWER 95% LIMIT ON THE MEAN	8.8756
50 PPM *	XXX				*	13	5.65	99.57	UPPER 95% LIMIT ON THE MEAN	10.6983
100 PPM *	I				*	1	.43	100.00	LOWER 95% LIMIT ON THE RANGE	-4.0342
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	23.6081
500 PPM *					*				GEOMETRIC MEAN	8.1777
	**	*	*	*	*				LOG10 MEAN	.9126
	0	20	40	60	80	100			LOG10 VARIANCE	.0670
									LOG10 STANDARD DEVIATION	.2588
									STANDARD ERROR ON THE MEAN	.0171
									LOWER 95% LIMIT ON THE MEAN	7.5685
									UPPER 95% LIMIT ON THE MEAN	8.8361
									LOWER 95% LIMIT ON THE RANGE	2.5274
									UPPER 95% LIMIT ON THE RANGE	26.4598
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUANTILE	6.0000
									50TH PERCENTILE OR MEDIAN	8.0000
									75TH PERCENTILE OR 3RD QUANTILE	11.0000
									80TH PERCENTILE	12.0000
									90TH PERCENTILE	16.0000
									95TH PERCENTILE	23.0000
									98TH PERCENTILE	31.0000
									99TH PERCENTILE	47.0000
									MAXIMUM VALUE	57.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM GROR

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
100 PPB *						*				TOTAL NUMBER OF SAMPLES	37
200 PPB *						*				NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *						*				NUMBER OF NON-ZERO SAMPLES	37
1 PPM *						*				ARITHMETIC MEAN	8.0270
2 PPM *						*				VARIANCE	12.2492
5 PPM *	XXXXXXXXXXXXXXXXXX					*	12	32.43	32.43	STANDARD DEVIATION	3.4999
10 PPM *	XXXXXXXXXXXXXXXXXXXXXX					*	16	43.24	75.68	SKEW	.6905
20 PPM *	XXXXXXXXXXXX					*	9	24.32	100.00	EXCESS KURTOSIS	-.1137
50 PPM *						*				COEFFICIENT OF VARIANCE, %	43.6014
100 PPM *						*				STANDARD ERROR OF THE MEAN	.5754
200 PPM *						*				LOWER 95% LIMIT ON THE MEAN	6.8606
500 PPM *						*				UPPER 95% LIMIT ON THE MEAN	9.1935
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	.9317
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	15.1224
										GEOMETRIC MEAN	7.3146
										LOG10 MEAN	.8642
										LOG10 VARIANCE	.0368
										LOG10 STANDARD DEVIATION	.1919
										STANDARD ERROR ON THE MEAN	.0315
										LOWER 95% LIMIT ON THE MEAN	6.3130
										UPPER 95% LIMIT ON THE MEAN	8.4750
										LOWER 95% LIMIT ON THE RANGE	2.9867
										UPPER 95% LIMIT ON THE RANGE	17.9139
										MINIMUM VALUE	3.0000
										25TH PERCENTILE OR 1ST QUARTILE	5.0000
										50TH PERCENTILE OR MEDIAN	7.0000
										75TH PERCENTILE OR 3RD QUARTILE	11.0000
										80TH PERCENTILE	11.0000
										90TH PERCENTILE	12.0000
										95TH PERCENTILE	16.0000
										98TH PERCENTILE	17.0000
										99TH PERCENTILE	17.0000
										MAXIMUM VALUE	17.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM QZFP



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	7
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	7
ARITHMETIC MEAN	8.8571
VARIANCE	23.8095
STANDARD DEVIATION	4.8795
SKEW	.1770
EXCESS KURTOSIS	-.5349
COEFFICIENT OF VARIANCE. %	55.0911
STANDARD ERROR OF THE MEAN	1.8443
LOWER 95% LIMIT ON THE MEAN	4.4954
UPPER 95% LIMIT ON THE MEAN	13.2189
LOWER 95% LIMIT ON THE RANGE	-2.6829
UPPER 95% LIMIT ON THE RANGE	20.3972
GEOMETRIC MEAN	7.3971
LOG10 MEAN	.8691
LOG10 VARIANCE	.0977
LOG10 STANDARD DEVIATION	.3125
STANDARD ERROR ON THE MEAN	.1181
LOWER 95% LIMIT ON THE MEAN	3.8880
UPPER 95% LIMIT ON THE MEAN	14.0731
LOWER 95% LIMIT ON THE RANGE	1.3490
UPPER 95% LIMIT ON THE RANGE	40.5603
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	9.0000
50TH PERCENTILE OR MEDIAN	9.0000
75TH PERCENTILE OR 3RD QUARTILE	11.0000
80TH PERCENTILE	17.0000
90TH PERCENTILE	17.0000
95TH PERCENTILE	17.0000
98TH PERCENTILE	17.0000
99TH PERCENTILE	17.0000
MAXIMUM VALUE	17.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM MGMT

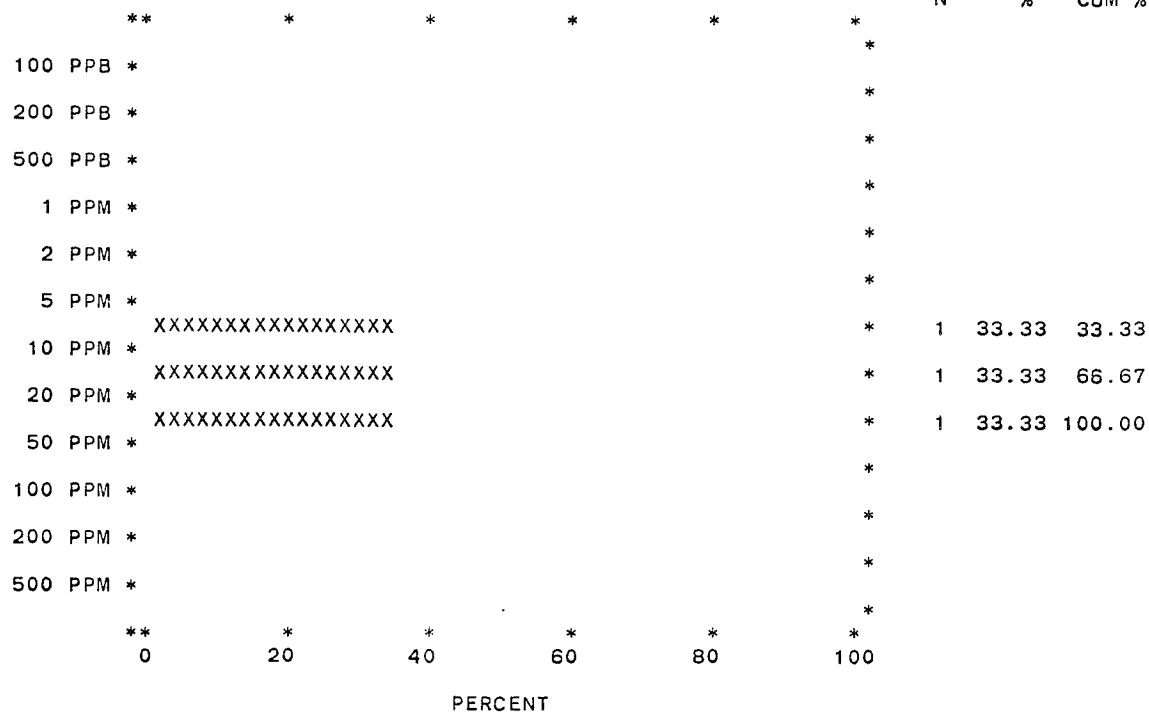
HISTOGRAM

SUMMARY STATISTICS

	**	*	*	*	*	*	N	%	CUM %		
										TOTAL NUMBER OF SAMPLES	79
										NUMBER OF ZERO VALUE SAMPLES	0
										NUMBER OF NON-ZERO SAMPLES	79
10 PPB *						*				ARITHMETIC MEAN	6.3671
20 PPB *						*				VARIANCE	9.1584
50 PPB *						*				STANDARD DEVIATION	3.0263
100 PPB *						*				SKEW	.5728
200 PPB *						*				EXCESS KURTOSIS	.0199
500 PPB *						*				COEFFICIENT OF VARIANCE. %	47.5301
1 PPM *	X					*	2	2.53	2.53	STANDARD ERROR OF THE MEAN	.3405
2 PPM *	XXX					*	5	6.33	8.86	LOWER 95% LIMIT ON THE MEAN	5.6893
5 PPM *	XXXXXXXXXXXXXXXXXXXXX					*	28	35.44	44.30	UPPER 95% LIMIT ON THE MEAN	7.0449
10 PPM *	XXXXXXXXXXXXXXXXXXXXX					*	37	46.84	91.14	LOWER 95% LIMIT ON THE RANGE	.3426
20 PPM *	XXXX					*	7	8.86	100.00	UPPER 95% LIMIT ON THE RANGE	12.3916
50 PPM *						*				GEOMETRIC MEAN	5.5901
100 PPM *						*				LOG10 MEAN	.7474
200 PPM *						*				LOG10 VARIANCE	.0575
500 PPM *						*				LOG10 STANDARD DEVIATION	.2398
						*				STANDARD ERROR ON THE MEAN	.0270
						*				LOWER 95% LIMIT ON THE MEAN	4.9397
						*				UPPER 95% LIMIT ON THE MEAN	6.3261
						*				LOWER 95% LIMIT ON THE RANGE	1.8619
						*				UPPER 95% LIMIT ON THE RANGE	16.7834
	**	*	*	*	*	*				MINIMUM VALUE	1.0000
	0	20	40	60	80	100				25TH PERCENTILE OR 1ST QUARTILE	4.0000
										50TH PERCENTILE OR MEDIAN	6.0000
										75TH PERCENTILE OR 3RD QUARTILE	8.0000
										80TH PERCENTILE	9.0000
										90TH PERCENTILE	10.0000
										95TH PERCENTILE	13.0000
										98TH PERCENTILE	13.0000
										99TH PERCENTILE	15.0000
										MAXIMUM VALUE	15.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM UMFC

HISTOGRAM



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	3
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	3
ARITHMETIC MEAN	14.0000
VARIANCE	49.0000
STANDARD DEVIATION	7.0000
SKEW	0.0000
EXCESS KURTOSIS	-1.5000
COEFFICIENT OF VARIANCE, %	50.0000
STANDARD ERROR OF THE MEAN	4.0415
LOWER 95% LIMIT ON THE MEAN	1.1401
UPPER 95% LIMIT ON THE MEAN	26.8599
LOWER 95% LIMIT ON THE RANGE	-8.2740
UPPER 95% LIMIT ON THE RANGE	36.2740
GEOMETRIC MEAN	12.7198
LOG10 MEAN	1.1045
LOG10 VARIANCE	.0582
LOG10 STANDARD DEVIATION	.2413
STANDARD ERROR ON THE MEAN	.1393
LOWER 95% LIMIT ON THE MEAN	4.5839
UPPER 95% LIMIT ON THE MEAN	35.2963
LOWER 95% LIMIT ON THE RANGE	2.1715
UPPER 95% LIMIT ON THE RANGE	74.5089
MINIMUM VALUE	7.0000
25TH PERCENTILE OR 1ST QUARTILE	14.0000
50TH PERCENTILE OR MEDIAN	14.0000
75TH PERCENTILE OR 3RD QUARTILE	21.0000
80TH PERCENTILE	21.0000
90TH PERCENTILE	21.0000
95TH PERCENTILE	21.0000
98TH PERCENTILE	21.0000
99TH PERCENTILE	21.0000
MAXIMUM VALUE	21.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CO LKSD	PPM	CGLM

SUMMARY STATISTICS

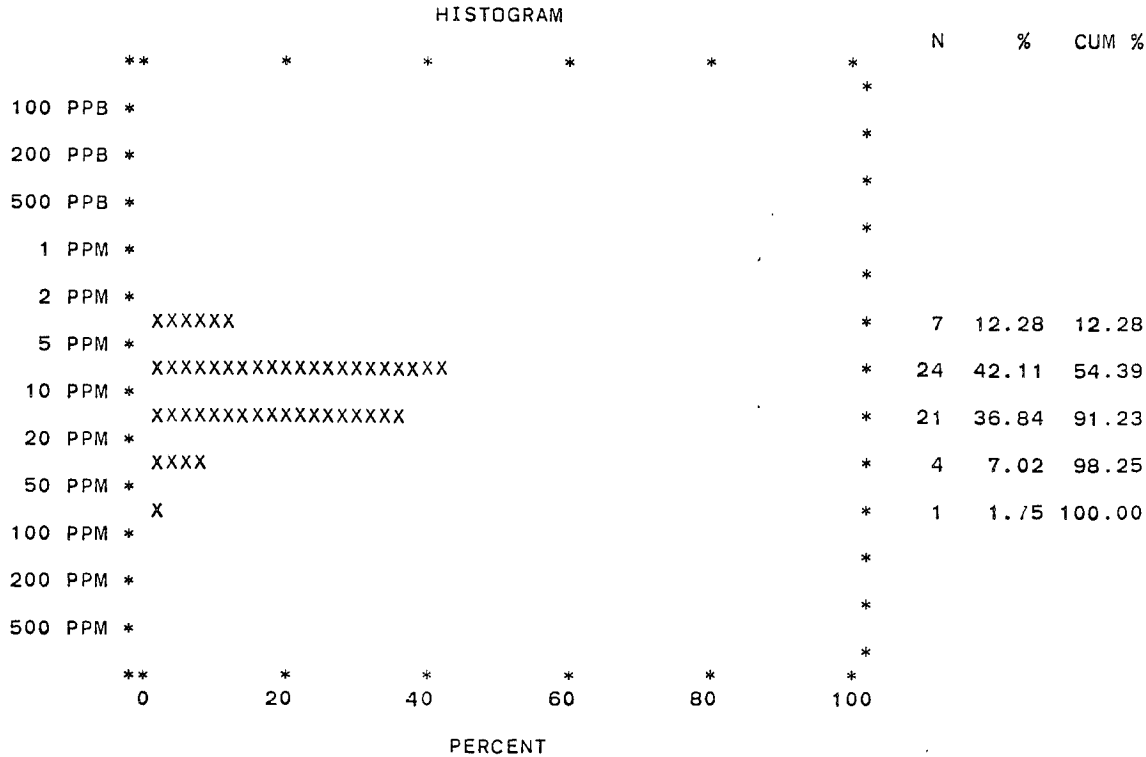
TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	7.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	7.0000
UPPER 95% LIMIT ON THE MEAN	7.0000
LOWER 95% LIMIT ON THE RANGE	7.0000
UPPER 95% LIMIT ON THE RANGE	7.0000
GEOMETRIC MEAN	7.0000
LOG10 MEAN	.8451
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	7.0000
UPPER 95% LIMIT ON THE MEAN	7.0000
LOWER 95% LIMIT ON THE RANGE	7.0000
UPPER 95% LIMIT ON THE RANGE	7.0000
MINIMUM VALUE	7.0000
25TH PERCENTILE OR 1ST QUARTILE	7.0000
50TH PERCENTILE OR MEDIAN	7.0000
75TH PERCENTILE OR 3RD QUARTILE	7.0000
80TH PERCENTILE	7.0000
90TH PERCENTILE	7.0000
95TH PERCENTILE	7.0000
98TH PERCENTILE	7.0000
99TH PERCENTILE	7.0000
MAXIMUM VALUE	7.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM GRCK



HISTOGRAM			SUMMARY STATISTICS	
	N	%	CUM %	
100 PPB *				TOTAL NUMBER OF SAMPLES 57
200 PPB *				NUMBER OF ZERO VALUE SAMPLES 0
500 PPB *				NUMBER OF NON-ZERO SAMPLES 57
1 PPM *				ARITHMETIC MEAN 12.7193
2 PPM *				VARIANCE 101.3484
5 PPM *	7	12.28	12.28	STANDARD DEVIATION 10.0672
10 PPM *	24	42.11	54.39	SKEW 3.5004
20 PPM *	21	36.84	91.23	EXCESS KURTOSIS 14.9712
50 PPM *	4	7.02	98.25	COEFFICIENT OF VARIANCE, % 79.1490
100 PPM *	1	1.75	100.00	STANDARD ERROR OF THE MEAN 1.3334
200 PPM *				LOWER 95% LIMIT ON THE MEAN 10.0492
500 PPM *				UPPER 95% LIMIT ON THE MEAN 15.3894
				LOWER 95% LIMIT ON THE RANGE -7.4392
				UPPER 95% LIMIT ON THE RANGE 32.8778
				GEOMETRIC MEAN 10.5828
				LOG10 MEAN 1.0246
				LOG10 VARIANCE .0629
				LOG10 STANDARD DEVIATION .2508
				STANDARD ERROR ON THE MEAN .0332
				LOWER 95% LIMIT ON THE MEAN 9.0798
				UPPER 95% LIMIT ON THE MEAN 12.3346
				LOWER 95% LIMIT ON THE RANGE 3.3292
				UPPER 95% LIMIT ON THE RANGE 33.6404
				MINIMUM VALUE 3.0000
				25TH PERCENTILE OR 1ST QUARTILE 8.0000
				50TH PERCENTILE OR MEDIAN 10.0000
				75TH PERCENTILE OR 3RD QUARTILE 15.0000
				80TH PERCENTILE 19.0000
				90TH PERCENTILE 20.0000
				95TH PERCENTILE 24.0000
				98TH PERCENTILE 67.0000
				99TH PERCENTILE 67.0000
				MAXIMUM VALUE 67.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CO LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	16.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	16.0000
UPPER 95% LIMIT ON THE MEAN	16.0000
LOWER 95% LIMIT ON THE RANGE	16.0000
UPPER 95% LIMIT ON THE RANGE	16.0000
GEOMETRIC MEAN	16.0000
LOG10 MEAN	1.2041
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	16.0000
UPPER 95% LIMIT ON THE MEAN	16.0000
LOWER 95% LIMIT ON THE RANGE	16.0000
UPPER 95% LIMIT ON THE RANGE	16.0000
MINIMUM VALUE	16.0000
25TH PERCENTILE OR 1ST QUARTILE	16.0000
50TH PERCENTILE OR MEDIAN	16.0000
75TH PERCENTILE OR 3RD QUARTILE	16.0000
80TH PERCENTILE	16.0000
90TH PERCENTILE	16.0000
95TH PERCENTILE	16.0000
98TH PERCENTILE	16.0000
99TH PERCENTILE	16.0000
MAXIMUM VALUE	16.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	5
					*				NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *					*				NUMBER OF NON-ZERO SAMPLES	5
20 PPB *					*					
50 PPB *					*				ARITHMETIC MEAN	3.6000
100 PPB *					*				VARIANCE	3.3000
200 PPB *					*				STANDARD DEVIATION	1.8166
500 PPB *					*				SKEW	-.1790
	XXXXXXXXXX				*				EXCESS KURTOSIS	-.7314
1 PPM *					*	1	20.00	20.00	COEFFICIENT OF VARIANCE, %	50.4608
2 PPM *					*				STANDARD ERROR OF THE MEAN	.8124
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	3	60.00	80.00	LOWER 95% LIMIT ON THE MEAN	1.5113
10 PPM *	XXXXXXXXXX				*	1	20.00	100.00	UPPER 95% LIMIT ON THE MEAN	5.6887
20 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-1.0705
50 PPM *					*				UPPER 95% LIMIT ON THE RANGE	8.2705
**	*	*	*	*	*				GEOMETRIC MEAN	3.1037
0	20	40	60	80	100				LOG10 MEAN	.4919
									LOG10 VARIANCE	.0871
									LOG10 STANDARD DEVIATION	.2951
									STANDARD ERROR ON THE MEAN	.1320
									LOWER 95% LIMIT ON THE MEAN	1.4209
									UPPER 95% LIMIT ON THE MEAN	6.7797
									LOWER 95% LIMIT ON THE RANGE	.5409
									UPPER 95% LIMIT ON THE RANGE	17.8092
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	3.0000
									50TH PERCENTILE OR MEDIAN	4.0000
									75TH PERCENTILE OR 3RD QUARTILE	6.0000
									80TH PERCENTILE	6.0000
									90TH PERCENTILE	6.0000
									95TH PERCENTILE	6.0000
									98TH PERCENTILE	6.0000
									99TH PERCENTILE	6.0000
									MAXIMUM VALUE	6.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM AEXV

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
100 PPB *						*				TOTAL NUMBER OF SAMPLES	13
200 PPB *						*				NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *						*				NUMBER OF NON-ZERO SAMPLES	13
1 PPM *						*				ARITHMETIC MEAN	20.0769
2 PPM *						*				VARIANCE	178.9103
5 PPM *						*				STANDARD DEVIATION	13.3757
10 PPM *	XXXXXXXXXXXX					*	3	23.08	23.08	SKEW	1.2036
20 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	6	46.15	69.23	EXCESS KURTOSIS	.5815
50 PPM *	XXXXXXXXXXXX					*	3	23.08	92.31	COEFFICIENT OF VARIANCE, %	66.6224
100 PPM *	XXXX					*	1	7.69	100.00	STANDARD ERROR OF THE MEAN	3.7098
200 PPM *						*				LOWER 95% LIMIT ON THE MEAN	12.0638
500 PPM *						*				UPPER 95% LIMIT ON THE MEAN	28.0900
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-8.8147
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	48.9685
										GEOMETRIC MEAN	16.6658
										LOG10 MEAN	1.2218
										LOG10 VARIANCE	.0752
										LOG10 STANDARD DEVIATION	.2742
										STANDARD ERROR ON THE MEAN	.0760
										LOWER 95% LIMIT ON THE MEAN	11.4178
										UPPER 95% LIMIT ON THE MEAN	24.3258
										LOWER 95% LIMIT ON THE RANGE	4.2623
										UPPER 95% LIMIT ON THE RANGE	65.1640
										MINIMUM VALUE	7.0000
										25TH PERCENTILE OR 1ST QUARTILE	11.0000
										50TH PERCENTILE OR MEDIAN	16.0000
										75TH PERCENTILE OR 3RD QUARTILE	31.0000
										80TH PERCENTILE	31.0000
										90TH PERCENTILE	52.0000
										95TH PERCENTILE	52.0000
										98TH PERCENTILE	52.0000
										99TH PERCENTILE	52.0000
										MAXIMUM VALUE	52.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 CO LKSD PPM BEXV

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	58
				NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *				NUMBER OF NON-ZERO SAMPLES	58
20 PPB *					
50 PPB *				ARITHMETIC MEAN	14.5000
100 PPB *				VARIANCE	211.0614
200 PPB *				STANDARD DEVIATION	14.5280
500 PPB *				SKEW	3.2245
				EXCESS KURTOSIS	11.1657
X				COEFFICIENT OF VARIANCE, %	100.1928
1 PPM *	1	1.72	1.72	STANDARD ERROR OF THE MEAN	1.9076
2 PPM *				LOWER 95% LIMIT ON THE MEAN	10.6817
5 PPM *	7	12.07	13.79	UPPER 95% LIMIT ON THE MEAN	18.3183
10 PPM *	20	34.48	48.28	LOWER 95% LIMIT ON THE RANGE	-14.5791
20 PPM *	22	37.93	86.21	UPPER 95% LIMIT ON THE RANGE	43.5791
50 PPM *	5	8.72	94.83	GEOMETRIC MEAN	10.8689
100 PPM *	3	5.17	100.00	LOG10 MEAN	1.0362
200 PPM *				LOG10 VARIANCE	.1023
500 PPM *				LOG10 STANDARD DEVIATION	.3198
** * * * *				STANDARD ERROR ON THE MEAN	.0420
0 20 40 60 80 100				LOWER 95% LIMIT ON THE MEAN	8.9564
				UPPER 95% LIMIT ON THE MEAN	13.1897
				LOWER 95% LIMIT ON THE RANGE	2.4893
				UPPER 95% LIMIT ON THE RANGE	47.4571
				MINIMUM VALUE	1.0000
				25TH PERCENTILE OR 1ST QUARTILE	7.0000
				50TH PERCENTILE OR MEDIAN	12.0000
				75TH PERCENTILE OR 3RD QUARTILE	16.0000
				80TH PERCENTILE	19.0000
				90TH PERCENTILE	23.0000
				95TH PERCENTILE	56.0000
				98TH PERCENTILE	84.0000
				99TH PERCENTILE	84.0000
				MAXIMUM VALUE	84.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	CO LKSD	PPM	24	10.3	7.58	74.0	1.38	1.57	7.06	13.4	7.96	.9007	.3248	5.80	10.9
DIBS	CO LKSD	PPM	16	7.44	3.24	43.6	2.25	5.14	5.72	9.16	6.97	.8435	.1501	5.81	8.38
GRNT	CO LKSD	PPM	384	10.6	8.15	77.2	2.78	11.11	9.74	11.4	8.46	.9275	.2902	7.91	9.05
GRNG	CO LKSD	PPM	230	9.79	7.01	71.7	3.14	14.31	8.88	10.7	8.18	.9128	.2589	7.57	8.84
GRDR	CO LKSD	PPM	37	8.03	3.50	43.6	.69	-1.11	6.86	9.19	7.31	.8642	.1919	6.31	8.48
QZFP	CO LKSD	PPM	7	8.86	4.88	55.1	.18	-.53	4.50	13.2	7.40	.8691	.3125	3.89	14.1
MGMT	CO LKSD	PPM	79	6.37	3.03	47.5	.57	.02	5.69	7.04	5.59	.7474	.2398	4.94	6.33
UMFC	CO LKSD	PPM	3	14.0	7.00	50.0	0.00	-1.50	1.14	26.9	12.7	1.1045	.2413	4.58	35.3
CGLM	CO LKSD	PPM	1	7.00	.100E-05	.0	.00	.00	7.00	7.00	7.00	.8451	.0000	7.00	7.00
GRCK	CO LKSD	PPM	57	12.7	10.1	79.1	3.50	14.97	10.0	15.4	10.6	1.0246	.2508	9.08	12.3
SCST	CO LKSD	PPM	1	16.0	.100E-05	.0	.00	.00	16.0	16.0	16.0	1.2041	.0000	16.0	16.0
GRSC	CO LKSD	PPM	5	3.60	1.82	50.5	-.18	-.73	1.51	5.69	3.10	.4919	.2951	1.42	6.78
AEXV	CO LKSD	PPM	13	20.1	13.4	66.6	1.20	.58	12.1	28.1	16.7	1.2218	.2742	11.4	24.3
BEXV	CO LKSD	PPM	58	14.5	14.5	100.2	3.22	11.17	10.7	18.3	10.9	1.0362	.3198	8.96	13.2

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	CO LKSD	PPM	24	2.000	6.000	10.000	12.000	14.000	27.000	32.000	32.000	32.000	32.000	32.000
DIBS	CO LKSD	PPM	16	5.000	5.000	7.000	8.000	9.000	10.000	18.000	18.000	18.000	18.000	18.000
GRNT	CO LKSD	PPM	384	1.000	6.000	9.000	13.000	14.000	19.000	26.000	39.000	44.000	67.000	67.000
GRNG	CO LKSD	PPM	230	1.000	6.000	8.000	11.000	12.000	16.000	23.000	31.000	47.000	57.000	57.000
GRDR	CO LKSD	PPM	37	3.000	5.000	7.000	11.000	11.000	12.000	16.000	17.000	17.000	17.000	17.000
QZFP	CO LKSD	PPM	7	2.000	9.000	9.000	11.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
MGMT	CO LKSD	PPM	79	1.000	4.000	6.000	8.000	9.000	10.000	13.000	13.000	15.000	15.000	15.000
UMFC	CO LKSD	PPM	3	7.000	14.000	14.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000
CGLM	CO LKSD	PPM	1	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
GRCK	CO LKSD	PPM	57	3.000	8.000	10.000	15.000	19.000	20.000	24.000	67.000	67.000	67.000	67.000
SCST	CO LKSD	PPM	1	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000
GRSC	CO LKSD	PPM	5	1.000	3.000	4.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
AEXV	CO LKSD	PPM	13	7.000	11.000	16.000	31.000	31.000	52.000	52.000	52.000	52.000	52.000	52.000
BEXV	CO LKSD	PPM	58	1.000	7.000	12.000	16.000	19.000	23.000	56.000	84.000	84.000	84.000	84.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM AKRK

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	24
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	24
5 PPB *					*				ARITHMETIC MEAN	.1042
10 PPB *					*				VARIANCE	.0004
20 PPB *					*				STANDARD DEVIATION	.0204
50 PPB *					*				SKEW	4.5873
100 PPB *	XX				*	23	95.83	95.83	EXCESS KURTOSIS	19.0435
200 PPB *	XX				*	1	4.17	100.00	COEFFICIENT OF VARIANCE. %	19.5959
500 PPB *					*				STANDARD ERROR OF THE MEAN	.0042
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	.0956
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	.1128
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	.0620
**	*	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	.1463
0	20	40	60	80	100				GEOMETRIC MEAN	.1029
									LOG10 MEAN	-.9875
									LOG10 VARIANCE	.0038
									LOG10 STANDARD DEVIATION	.0614
									STANDARD ERROR ON THE MEAN	.0125
									LOWER 95% LIMIT ON THE MEAN	.0970
									UPPER 95% LIMIT ON THE MEAN	.1093
									LOWER 95% LIMIT ON THE RANGE	.0769
									UPPER 95% LIMIT ON THE RANGE	.1378
									MINIMUM VALUE	.1000
									25TH PERCENTILE OR 1ST QUARTILE	.1000
									50TH PERCENTILE OR MEDIAN	.1000
									75TH PERCENTILE OR 3RD QUARTILE	.1000
									80TH PERCENTILE	.1000
									90TH PERCENTILE	.1000
									95TH PERCENTILE	.2000
									98TH PERCENTILE	.2000
									99TH PERCENTILE	.2000
									MAXIMUM VALUE	.2000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16	
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	16	
5 PPB *					*			ARITHMETIC MEAN	.1063	
10 PPB *					*			VARIANCE	.0006	
20 PPB *					*			STANDARD DEVIATION	.0250	
50 PPB *					*			SKEW	3.6148	
100 PPB *	XX				*	15	93.75	93.75	EXCESS KURTOSIS	11.0667
200 PPB *	XXX				*	1	6.25	100.00	COEFFICIENT OF VARIANCE, %	23.5294
500 PPB *					*			STANDARD ERROR OF THE MEAN	.0063	
1 PPM *					*			LOWER 95% LIMIT ON THE MEAN	.0930	
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	.1195	
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	.0532	
					*			UPPER 95% LIMIT ON THE RANGE	.1593	
**	*	*	*	*	*			GEOMETRIC MEAN	.1044	
0	20	40	60	80	100			LOG10 MEAN	-.9812	
								LOG10 VARIANCE	.0057	
								LOG10 STANDARD DEVIATION	.0753	
								STANDARD ERROR ON THE MEAN	.0188	
								LOWER 95% LIMIT ON THE MEAN	.0953	
								UPPER 95% LIMIT ON THE MEAN	.1145	
								LOWER 95% LIMIT ON THE RANGE	.0723	
								UPPER 95% LIMIT ON THE RANGE	.1508	
								MINIMUM VALUE	.1000	
								25TH PERCENTILE OR 1ST QUANTILE	.1000	
								50TH PERCENTILE OR MEDIAN	.1000	
								75TH PERCENTILE OR 3RD QUANTILE	.1000	
								80TH PERCENTILE	.1000	
								90TH PERCENTILE	.1000	
								95TH PERCENTILE	.2000	
								98TH PERCENTILE	.2000	
								99TH PERCENTILE	.2000	
								MAXIMUM VALUE	.2000	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	384
5 PPB *					*			ARITHMETIC MEAN	.1109
10 PPB *					*			VARIANCE	.0013
20 PPB *					*			STANDARD DEVIATION	.0359
50 PPB *					*			SKEW	4.1354
100 PPB *	XX				*	346	90.10	EXCESS KURTOSIS	22.5377
200 PPB *	XXXXX				*	36	9.38	COEFFICIENT OF VARIANCE, %	32.3753
500 PPB *	I				*	2	.52	STANDARD ERROR OF THE MEAN	.0018
1 PPM *					*			LOWER 95% LIMIT ON THE MEAN	.1073
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	.1145
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	.0403
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	.1816
0	20	40	60	80	100			GEOMETRIC MEAN	.1075
								LOG10 MEAN	-.9686
								LOG10 VARIANCE	.0094
								LOG10 STANDARD DEVIATION	.0971
								STANDARD ERROR ON THE MEAN	.0050
								LOWER 95% LIMIT ON THE MEAN	.1051
								UPPER 95% LIMIT ON THE MEAN	.1099
								LOWER 95% LIMIT ON THE RANGE	.0693
								UPPER 95% LIMIT ON THE RANGE	.1668
								MINIMUM VALUE	.1000
								25TH PERCENTILE OR 1ST QUARTILE	.1000
								50TH PERCENTILE OR MEDIAN	.1000
								75TH PERCENTILE OR 3RD QUARTILE	.1000
								80TH PERCENTILE	.1000
								90TH PERCENTILE	.2000
								95TH PERCENTILE	.2000
								98TH PERCENTILE	.2000
								99TH PERCENTILE	.2000
								MAXIMUM VALUE	.4000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM GRNG

HISTOGRAM										SUMMARY STATISTICS	
	**	*	*	*	*	*	N	%	CUM %		
1 PPB *						*				TOTAL NUMBER OF SAMPLES	230
2 PPB *						*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *						*				NUMBER OF NON-ZERO SAMPLES	230
10 PPB *						*				ARITHMETIC MEAN	.1113
20 PPB *						*				VARIANCE	.0024
50 PPB *						*				STANDARD DEVIATION	.0490
100 PPB *	XX					*	212	92.17	92.17	SKEW	6.4957
200 PPB *	XXX					*	15	6.52	98.70	EXCESS KURTOSIS	51.5176
500 PPB *	I					*	2	.87	99.57	COEFFICIENT OF VARIANCE, %	44.0546
1 PPM *	I					*	1	.43	100.00	STANDARD ERROR OF THE MEAN	.0032
2 PPM *						*				LOWER 95% LIMIT ON THE MEAN	.1049
5 PPM *						*				UPPER 95% LIMIT ON THE MEAN	.1177
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	.0147
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	.2079
										GEOMETRIC MEAN	.1067
										LOG10 MEAN	-.9717
										LOG10 VARIANCE	.0109
										LOG10 STANDARD DEVIATION	.1046
										STANDARD ERROR ON THE MEAN	.0069
										LOWER 95% LIMIT ON THE MEAN	.1034
										UPPER 95% LIMIT ON THE MEAN	.1101
										LOWER 95% LIMIT ON THE RANGE	.0664
										UPPER 95% LIMIT ON THE RANGE	.1716
										MINIMUM VALUE	.1000
										25TH PERCENTILE OR 1ST QUARTILE	.1000
										50TH PERCENTILE OR MEDIAN	.1000
										75TH PERCENTILE OR 3RD QUARTILE	.1000
										80TH PERCENTILE	.1000
										90TH PERCENTILE	.1000
										95TH PERCENTILE	.2000
										98TH PERCENTILE	.2000
										99TH PERCENTILE	.4000
										MAXIMUM VALUE	.6000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM GRDR

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
**				TOTAL NUMBER OF SAMPLES	37
*				NUMBER OF ZERO VALUE SAMPLES	0
1 PPB *				NUMBER OF NON-ZERO SAMPLES	37
2 PPB *				ARITHMETIC MEAN	.1027
5 PPB *				VARIANCE	.0003
10 PPB *				STANDARD DEVIATION	.0164
20 PPB *				SKEW	5.8333
50 PPB *				EXCESS KURTOSIS	32.0278
100 PPB *	36	97.30	97.30	COEFFICIENT OF VARIANCE, %	16.0073
200 PPB *	1	2.70	100.00	STANDARD ERROR OF THE MEAN	.0027
500 PPB *				LOWER 95% LIMIT ON THE MEAN	.0972
1 PPM *				UPPER 95% LIMIT ON THE MEAN	.1082
2 PPM *				LOWER 95% LIMIT ON THE RANGE	.0694
5 PPM *				UPPER 95% LIMIT ON THE RANGE	.1360
**				GEOMETRIC MEAN	.1019
0				LOG10 MEAN	-.9919
20				LOG10 VARIANCE	.0024
40				LOG10 STANDARD DEVIATION	.0495
60				STANDARD ERROR ON THE MEAN	.0081
80				LOWER 95% LIMIT ON THE MEAN	.0981
100				UPPER 95% LIMIT ON THE MEAN	.1058
				LOWER 95% LIMIT ON THE RANGE	.0809
				UPPER 95% LIMIT ON THE RANGE	.1284
				MINIMUM VALUE	.1000
				25TH PERCENTILE OR 1ST QUANTILE	.1000
				50TH PERCENTILE OR MEDIAN	.1000
				75TH PERCENTILE OR 3RD QUANTILE	.1000
				80TH PERCENTILE	.1000
				90TH PERCENTILE	.1000
				95TH PERCENTILE	.1000
				98TH PERCENTILE	.2000
				99TH PERCENTILE	.2000
				MAXIMUM VALUE	.2000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM QZFP

HISTOGRAM							SUMMARY STATISTICS			
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	7
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	7
5 PPB *					*				ARITHMETIC MEAN	.1000
10 PPB *					*				VARIANCE	.0000
20 PPB *					*				STANDARD DEVIATION	.0000
50 PPB *					*				SKEW	*****
100 PPB *	XXX*				*	7	100.00	100.00	EXCESS KURTOSIS	*****
200 PPB *					*				COEFFICIENT OF VARIANCE, %	.0000
500 PPB *					*				STANDARD ERROR OF THE MEAN	.0000
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	.1000
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	.1000
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	.1000
					*				UPPER 95% LIMIT ON THE RANGE	.1000
**	*	*	*	*	*				GEOMETRIC MEAN	.1000
0	20	40	60	80	100				LOG10 MEAN	-1.0000
									LOG10 VARIANCE	.0000
									LOG10 STANDARD DEVIATION	.0000
									STANDARD ERROR ON THE MEAN	.0000
									LOWER 95% LIMIT ON THE MEAN	.1000
									UPPER 95% LIMIT ON THE MEAN	.1000
									LOWER 95% LIMIT ON THE RANGE	.1000
									UPPER 95% LIMIT ON THE RANGE	.1000
									MINIMUM VALUE	.1000
									25TH PERCENTILE OR 1ST QUANTILE	.1000
									50TH PERCENTILE OR MEDIAN	.1000
									75TH PERCENTILE OR 3RD QUANTILE	.1000
									80TH PERCENTILE	.1000
									90TH PERCENTILE	.1000
									95TH PERCENTILE	.1000
									98TH PERCENTILE	.1000
									99TH PERCENTILE	.1000
									MAXIMUM VALUE	.1000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM MGMT

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	79
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	79
5 PPB *					*				ARITHMETIC MEAN	.1089
10 PPB *					*				VARIANCE	.0008
20 PPB *					*				STANDARD DEVIATION	.0286
50 PPB *					*				SKEW	2.8953
100 PPB *	XX				*	72	91.14	91.14	EXCESS KURTOSIS	6.3829
200 PPB *	XXXX				*	7	8.86	100.00	COEFFICIENT OF VARIANCE, %	26.2714
500 PPB *					*				STANDARD ERROR OF THE MEAN	.0032
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	.1025
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	.1153
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	.0519
					*				UPPER 95% LIMIT ON THE RANGE	.1658
					*				GEOMETRIC MEAN	.1063
					*				LOG10 MEAN	-.9733
					*				LOG10 VARIANCE	.0074
					*				LOG10 STANDARD DEVIATION	.0861
**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0097
0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	.1017
									UPPER 95% LIMIT ON THE MEAN	.1112
									LOWER 95% LIMIT ON THE RANGE	.0717
									UPPER 95% LIMIT ON THE RANGE	.1578
									MINIMUM VALUE	.1000
									25TH PERCENTILE OR 1ST QUARTILE	.1000
									50TH PERCENTILE OR MEDIAN	.1000
									75TH PERCENTILE OR 3RD QUARTILE	.1000
									80TH PERCENTILE	.1000
									90TH PERCENTILE	.1000
									95TH PERCENTILE	.2000
									98TH PERCENTILE	.2000
									99TH PERCENTILE	.2000
									MAXIMUM VALUE	.2000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPB *					*				TOTAL NUMBER OF SAMPLES	3
2 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *					*				NUMBER OF NON-ZERO SAMPLES	3
10 PPB *					*				ARITHMETIC MEAN	.1667
20 PPB *					*				VARIANCE	.0133
50 PPB *					*				STANDARD DEVIATION	.1155
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	2	66.67	66.67	SKEW	.7071
200 PPB *					*				EXCESS KURTOSIS	-1.5000
500 PPB *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	100.00	COEFFICIENT OF VARIANCE, %	69.2820
1 PPM *					*				STANDARD ERROR OF THE MEAN	.0667
2 PPM *					*				LOWER 95% LIMIT ON THE MEAN	-.0455
5 PPM *					*				UPPER 95% LIMIT ON THE MEAN	.3788
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-.2008
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	.5341
									GEOMETRIC MEAN	.1442
									LOG10 MEAN	-.8410
									LOG10 VARIANCE	.0759
									LOG10 STANDARD DEVIATION	.2755
									STANDARD ERROR ON THE MEAN	.1590
									LOWER 95% LIMIT ON THE MEAN	.0450
									UPPER 95% LIMIT ON THE MEAN	.4625
									LOWER 95% LIMIT ON THE RANGE	.0192
									UPPER 95% LIMIT ON THE RANGE	1.0854
									MINIMUM VALUE	.1000
									25TH PERCENTILE OR 1ST QUARTILE	.1000
									50TH PERCENTILE OR MEDIAN	.1000
									75TH PERCENTILE OR 3RD QUARTILE	.3000
									80TH PERCENTILE	.3000
									90TH PERCENTILE	.3000
									95TH PERCENTILE	.3000
									98TH PERCENTILE	.3000
									99TH PERCENTILE	.3000
									MAXIMUM VALUE	.3000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.1000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.1000
UPPER 95% LIMIT ON THE MEAN	.1000
LOWER 95% LIMIT ON THE RANGE	.1000
UPPER 95% LIMIT ON THE RANGE	.1000
GEOMETRIC MEAN	.1000
LOG10 MEAN	-1.0000
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.1000
UPPER 95% LIMIT ON THE MEAN	.1000
LOWER 95% LIMIT ON THE RANGE	.1000
UPPER 95% LIMIT ON THE RANGE	.1000
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1000
90TH PERCENTILE	.1000
95TH PERCENTILE	.1000
98TH PERCENTILE	.1000
99TH PERCENTILE	.1000
MAXIMUM VALUE	.1000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM GRCK

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	57
1 PPB *				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *				NUMBER OF NON-ZERO SAMPLES	57
5 PPB *				ARITHMETIC MEAN	.1123
10 PPB *				VARIANCE	.0011
20 PPB *				STANDARD DEVIATION	.0331
50 PPB *				SKEW	2.2984
100 PPB *				EXCESS KURTOSIS	3.2829
200 PPB *				COEFFICIENT OF VARIANCE, %	29.4915
500 PPB *				STANDARD ERROR OF THE MEAN	.0044
1000 PPB *	50	87.72	87.72	LOWER 95% LIMIT ON THE MEAN	.1035
XXXXXX				UPPER 95% LIMIT ON THE MEAN	.1211
XXXXXX	7	12.28	100.00	LOWER 95% LIMIT ON THE RANGE	.0460
1 PPM *				UPPER 95% LIMIT ON THE RANGE	.1786
2 PPM *				GEOMETRIC MEAN	.1089
5 PPM *				LOG10 MEAN	-.9630
				LOG10 VARIANCE	.0099
				LOG10 STANDARD DEVIATION	.0997
** * * * *				STANDARD ERROR ON THE MEAN	.0132
0 20 40 60 80 100				LOWER 95% LIMIT ON THE MEAN	.1025
PERCENT				UPPER 95% LIMIT ON THE MEAN	.1157
				LOWER 95% LIMIT ON THE RANGE	.0688
				UPPER 95% LIMIT ON THE RANGE	.1724
				MINIMUM VALUE	.1000
				25TH PERCENTILE OR 1ST QUARTILE	.1000
				50TH PERCENTILE OR MEDIAN	.1000
				75TH PERCENTILE OR 3RD QUARTILE	.1000
				80TH PERCENTILE	.1000
				90TH PERCENTILE	.2000
				95TH PERCENTILE	.2000
				98TH PERCENTILE	.2000
				99TH PERCENTILE	.2000
				MAXIMUM VALUE	.2000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.1000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.1000
UPPER 95% LIMIT ON THE MEAN	.1000
LOWER 95% LIMIT ON THE RANGE	.1000
UPPER 95% LIMIT ON THE RANGE	.1000
GEOMETRIC MEAN	.1000
LOG10 MEAN	-1.0000
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.1000
UPPER 95% LIMIT ON THE MEAN	.1000
LOWER 95% LIMIT ON THE RANGE	.1000
UPPER 95% LIMIT ON THE RANGE	.1000
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1000
90TH PERCENTILE	.1000
95TH PERCENTILE	.1000
98TH PERCENTILE	.1000
99TH PERCENTILE	.1000
MAXIMUM VALUE	.1000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

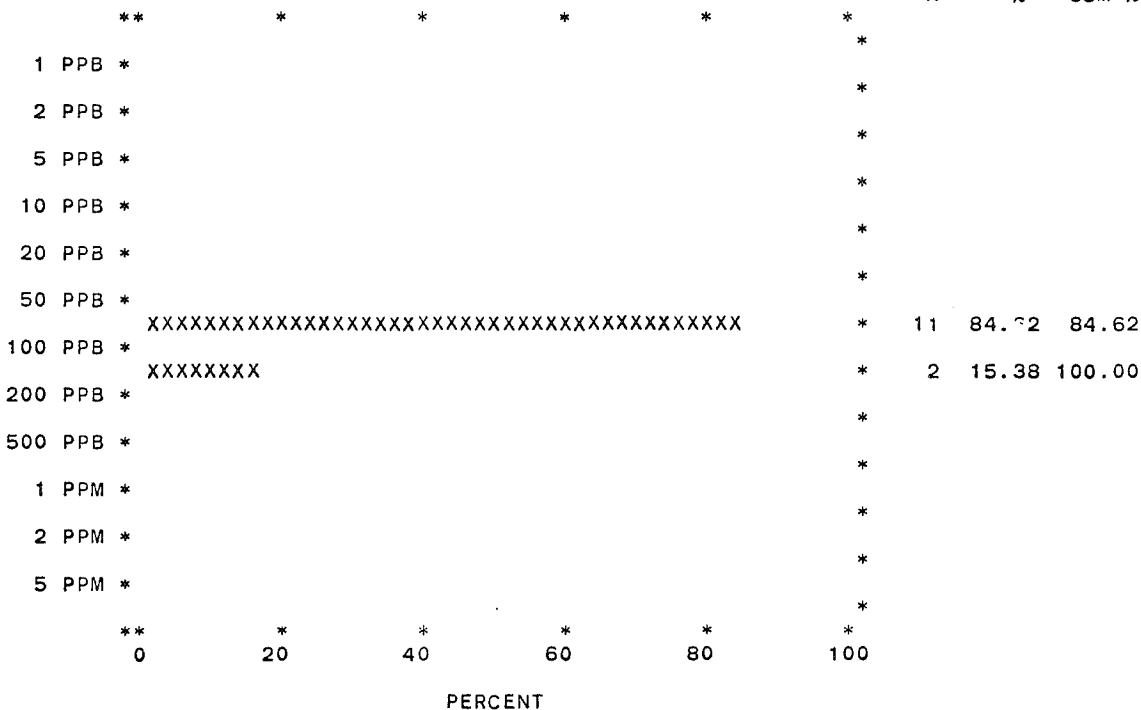
*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	5	
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	5	
5 PPB *					*			ARITHMETIC MEAN	.1600	
10 PPB *					*			VARIANCE	.0180	
20 PPB *					*			STANDARD DEVIATION	.1342	
50 PPB *					*			SKEW	1.5000	
100 PPB *	XX				*	4	80.00	80.00	EXCESS KURTOSIS	.2500
200 PPB *					*			COEFFICIENT OF VARIANCE, %	83.8525	
500 PPB *	XXXXXXXXXX				*	1	20.00	100.00	STANDARD ERROR OF THE MEAN	.0600
1 PPM *					*			LOWER 95% LIMIT ON THE MEAN	.0057	
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	.3143	
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-.1849	
					*			UPPER 95% LIMIT ON THE RANGE	.5049	
**	*	*	*	*	*			GEOMETRIC MEAN	.1320	
0	20	40	60	80	100			LOG10 MEAN	-.8796	
								LOG10 VARIANCE	.0725	
								LOG10 STANDARD DEVIATION	.2692	
								STANDARD ERROR ON THE MEAN	.1204	
								LOWER 95% LIMIT ON THE MEAN	.0647	
								UPPER 95% LIMIT ON THE MEAN	.2691	
								LOWER 95% LIMIT ON THE RANGE	.0268	
								UPPER 95% LIMIT ON THE RANGE	.6496	
								MINIMUM VALUE	.1000	
								25TH PERCENTILE OR 1ST QUARTILE	.1000	
								50TH PERCENTILE OR MEDIAN	.1000	
								75TH PERCENTILE OR 3RD QUARTILE	.4000	
								80TH PERCENTILE	.4000	
								90TH PERCENTILE	.4000	
								95TH PERCENTILE	.4000	
								98TH PERCENTILE	.4000	
								99TH PERCENTILE	.4000	
								MAXIMUM VALUE	.4000	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM AEXV

HISTOGRAM



SUMMARY STATISTICS

	N	%	CUM %		
TOTAL NUMBER OF SAMPLES					13
NUMBER OF ZERO VALUE SAMPLES					0
NUMBER OF NON-ZERO SAMPLES					13
ARITHMETIC MEAN					.1154
VARIANCE					.0014
STANDARD DEVIATION					.0376
SKEW					1.9188
EXCESS KURTOSIS					1.6818
COEFFICIENT OF VARIANCE, %					32.5463
STANDARD ERROR OF THE MEAN	11	84.62	84.62		.0104
LOWER 95% LIMIT ON THE MEAN					.0929
UPPER 95% LIMIT ON THE MEAN	2	15.38	100.00		.1379
LOWER 95% LIMIT ON THE RANGE					.0343
UPPER 95% LIMIT ON THE RANGE					.1965
GEOMETRIC MEAN					.1113
LOG10 MEAN					-.9537
LOG10 VARIANCE					.0128
LOG10 STANDARD DEVIATION					.1130
STANDARD ERROR ON THE MEAN					.0314
LOWER 95% LIMIT ON THE MEAN					.0952
UPPER 95% LIMIT ON THE MEAN					.1300
LOWER 95% LIMIT ON THE RANGE					.0634
UPPER 95% LIMIT ON THE RANGE					.1952
MINIMUM VALUE					.1000
25TH PERCENTILE OR 1ST QUARTILE					.1000
50TH PERCENTILE OR MEDIAN					.1000
75TH PERCENTILE OR 3RD QUARTILE					.1000
90TH PERCENTILE					.1000
90TH PERCENTILE					.2000
95TH PERCENTILE					.2000
98TH PERCENTILE					.2000
99TH PERCENTILE					.2000
MAXIMUM VALUE					.2000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AG LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPB *									TOTAL NUMBER OF SAMPLES	58
2 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *									NUMBER OF NON-ZERO SAMPLES	58
10 PPB *									ARITHMETIC MEAN	.1103
20 PPB *									VARIANCE	.0020
50 PPB *									STANDARD DEVIATION	.0447
100 PPB *	XX					54	93.10	93.10	SKEW	5.2386
200 PPB *	XXX					3	5.17	98.28	EXCESS KURTOSIS	29.4008
500 PPB *	X					1	1.72	100.00	COEFFICIENT OF VARIANCE, %	40.4919
1 PPM *									STANDARD ERROR OF THE MEAN	.0059
2 PPM *									LOWER 95% LIMIT ON THE MEAN	.0986
5 PPM *									UPPER 95% LIMIT ON THE MEAN	.1221
									LOWER 95% LIMIT ON THE RANGE	.0209
									UPPER 95% LIMIT ON THE RANGE	.1998
									GEOMETRIC MEAN	.1062
									LOG10 MEAN	-.9740
									LOG10 VARIANCE	.0104
									LOG10 STANDARD DEVIATION	.1022
	**	*	*	*	*				STANDARD ERROR ON THE MEAN	.0134
	0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	.0998
									UPPER 95% LIMIT ON THE MEAN	.1129
									LOWER 95% LIMIT ON THE RANGE	.0663
									UPPER 95% LIMIT ON THE RANGE	.1700
									MINIMUM VALUE	.1000
									25TH PERCENTILE OR 1ST QUARTILE	.1000
									50TH PERCENTILE OR MEDIAN	.1000
									75TH PERCENTILE OR 3RD QUARTILE	.1000
									80TH PERCENTILE	.1000
									90TH PERCENTILE	.1000
									95TH PERCENTILE	.2000
									98TH PERCENTILE	.4000
									99TH PERCENTILE	.4000
									MAXIMUM VALUE	.4000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
AKRK	AG LKSD	PPM	24	.104	.204E-01	19.6	4.59	19.04	.956E-01 .113	.103	-.9875	.0614	.970E-01 .109
DIBS	AG LKSD	PPM	16	.106	.250E-01	23.5	3.61	11.07	.930E-01 .120	.104	-.9812	.0753	.953E-01 .114
GRNT	AG LKSD	PPM	384	.111	.359E-01	32.4	4.14	22.54	.107 .115	.107	-.9686	.0971	.105 .110
GRNG	AG LKSD	PPM	230	.111	.490E-01	44.1	6.50	51.52	.105 .118	.107	-.9717	.1046	.103 .110
GRDR	AG LKSD	PPM	37	.103	.164E-01	16.0	5.83	32.03	.972E-01 .108	.102	-.9919	.0495	.981E-01 .106
QZFP	AG LKSD	PPM	7	.100E+00	.149E-07	.0*****			.100E+00 .100	.100	-1.0000	.0000	.100E+00 .100
MGMT	AG LKSD	PPM	79	.109	.286E-01	26.3	2.90	6.38	.102 .115	.106	-.9733	.0861	.102 .111
UMFC	AG LKSD	PPM	3	.167	.115	69.3	.71	-1.50	-.455E-01 .379	.144	-.8410	.2755	.450E-01 .462
CGLM	AG LKSD	PPM	1	.100	.100E-05	.0	.00	.00	.100 .100	.100	-1.0000	.0000	.100 .100
GRCK	AG LKSD	PPM	57	.112	.331E-01	29.5	2.30	3.28	.103 .121	.109	-.9630	.0997	.102 .116
SCST	AG LKSD	PPM	1	.100	.100E-05	.0	.00	.00	.100 .100	.100	-1.0000	.0000	.100 .100
GRSC	AG LKSD	PPM	5	.160	.134	83.9	1.50	.25	.574E-02 .314	.132	-.8796	.2692	.647E-01 .269
AEXV	AG LKSD	PPM	13	.115	.376E-01	32.5	1.92	1.68	.929E-01 .138	.111	-.9537	.1130	.952E-01 .130
BEXV	AG LKSD	PPM	58	.110	.447E-01	40.5	5.24	29.40	.986E-01 .122	.106	-.9740	.1022	.998E-01 .113

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	AG LKSD	PPM	24	.100	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200
DIBS	AG LKSD	PPM	16	.100	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200
GRNT	AG LKSD	PPM	384	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200	.400
GRNG	AG LKSD	PPM	230	.100	.100	.100	.100	.100	.100	.100	.200	.200	.400	.600
GRDR	AG LKSD	PPM	37	.100	.100	.100	.100	.100	.100	.100	.100	.200	.200	.200
QZFP	AG LKSD	PPM	7	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
MGMT	AG LKSD	PPM	79	.100	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200
UMFC	AG LKSD	PPM	3	.100	.100	.100	.300	.300	.300	.300	.300	.300	.300	.300
CGLM	AG LKSD	PPM	1	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
GRCK	AG LKSD	PPM	57	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200	.200
SCST	AG LKSD	PPM	1	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
GRSC	AG LKSD	PPM	5	.100	.100	.100	.400	.400	.400	.400	.400	.400	.400	.400
AEXV	AG LKSD	PPM	13	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200	.200
BEXV	AG LKSD	PPM	58	.100	.100	.100	.100	.100	.100	.100	.200	.400	.400	.400

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM AKRK

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	24
1 PPM *				NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *				NUMBER OF NON-ZERO SAMPLES	24
5 PPM *				ARITHMETIC MEAN	613.3333
10 PPM *				VARIANCE	*****
20 PPM *				STANDARD DEVIATION	644.4490
50 PPM *				SKEW	1.4979
100 PPM *				EXCESS KURTOSIS	1.4927
200 PPM *				COEFFICIENT OF VARIANCE, %	105.0732
500 PPM *				STANDARD ERROR OF THE MEAN	131.5476
1000 PPM *	2	8.33	8.33	LOWER 95% LIMIT ON THE MEAN	341.8191
2000 PPM *	4	16.67	25.00	UPPER 95% LIMIT ON THE MEAN	884.8476
5000 PPM *	9	37.50	62.50	LOWER 95% LIMIT ON THE RANGE	-716.8094
1 PCT *	3	12.50	75.00	UPPER 95% LIMIT ON THE RANGE	1943.4760
2 PCT *	5	20.83	95.83	GEOMETRIC MEAN	376.4729
5 PCT *	1	4.17	100.00	LOG10 MEAN	2.5757
				LOG10 VARIANCE	.1920
				LOG10 STANDARD DEVIATION	.4381
				STANDARD ERROR ON THE MEAN	.0894
				LOWER 95% LIMIT ON THE MEAN	246.1196
				UPPER 95% LIMIT ON THE MEAN	575.8659
				LOWER 95% LIMIT ON THE RANGE	46.9292
				UPPER 95% LIMIT ON THE RANGE	3020.1233
				MINIMUM VALUE	75.0000
				25TH PERCENTILE OR 1ST QUARTILE	215.0000
				50TH PERCENTILE OR MEDIAN	285.0000
				75TH PERCENTILE OR 3RD QUARTILE	1050.0000
				80TH PERCENTILE	1100.0000
				90TH PERCENTILE	1950.0000
				95TH PERCENTILE	2500.0000
				98TH PERCENTILE	2500.0000
				99TH PERCENTILE	2500.0000
				MAXIMUM VALUE	2500.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	16
5 PPM *					*			ARITHMETIC MEAN	120.3125
10 PPM *					*			VARIANCE	7108.2292
20 PPM *	XXX				*	1	6.25	STANDARD DEVIATION	84.3103
50 PPM *	XXXXXX				*	2	12.50	SKEW	1.0699
100 PPM *	XXXXXXXXXXXXXXXXXX				*	5	31.25	EXCESS KURTOSIS	.4362
200 PPM *	XXXXXXXXXXXXXXXXXXXX				*	6	37.50	COEFFICIENT OF VARIANCE, %	70.0761
500 PPM *	XXXXXX				*	2	12.50	STANDARD ERROR OF THE MEAN	21.0776
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	75.6280
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	164.9970
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-58.4254
					*			UPPER 95% LIMIT ON THE RANGE	299.0504
**	*	*	*	*	*			GEOMETRIC MEAN	95.0400
0	20	40	60	80	100			LOG10 MEAN	1.9779
								LOG10 VARIANCE	.1026
								LOG10 STANDARD DEVIATION	.3203
								STANDARD ERROR ON THE MEAN	.0801
								LOWER 95% LIMIT ON THE MEAN	64.2924
								UPPER 95% LIMIT ON THE MEAN	140.4925
								LOWER 95% LIMIT ON THE RANGE	19.9030
								UPPER 95% LIMIT ON THE RANGE	453.8302
								MINIMUM VALUE	20.0000
								25TH PERCENTILE OR 1ST QUARTILE	60.0000
								50TH PERCENTILE OR MEDIAN	105.0000
								75TH PERCENTILE OR 3RD QUARTILE	180.0000
								80TH PERCENTILE	195.0000
								90TH PERCENTILE	245.0000
								95TH PERCENTILE	330.0000
								98TH PERCENTILE	330.0000
								99TH PERCENTILE	330.0000
								MAXIMUM VALUE	330.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM GRNT

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
1 PPM *						*				TOTAL NUMBER OF SAMPLES	384
2 PPM *						*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *						*				NUMBER OF NON-ZERO SAMPLES	384
10 PPM *						*				ARITHMETIC MEAN	425.3125
20 PPM *						*				VARIANCE	*****
50 PPM *	XXX					*	24	6.25	6.25	STANDARD DEVIATION	1639.2014
100 PPM *	XXXXXXXXXX					*	69	17.97	24.22	SKEW	17.0769
200 PPM *	XXXXXXXXXXXXXX					*	96	25.00	49.22	EXCESS KURTOSIS	314.0880
500 PPM *	XXXXXXXXXXXXXXXXXX					*	122	31.7	80.99	COEFFICIENT OF VARIANCE, %	385.4110
1000 PPM *	XXXXXXX					*	55	14.32	95.31	STANDARD ERROR OF THE MEAN	83.6501
2000 PPM *	X					*	9	2.34	97.66	LOWER 95% LIMIT ON THE MEAN	260.8295
5000 PPM *	X					*	8	2.08	99.74	UPPER 95% LIMIT ON THE MEAN	589.7955
1 PCT *						*				LOWER 95% LIMIT ON THE RANGE	-2797.8819
2 PCT *						*				UPPER 95% LIMIT ON THE RANGE	3648.5069
5 PCT *	I					*	1	.26	100.00	GEOMETRIC MEAN	211.8563
10 PCT *						*				LOG10 MEAN	2.3260
20 PCT *						*				LOG10 VARIANCE	.1812
50 PCT *						*				LOG10 STANDARD DEVIATION	.4257
	**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0217
	0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	192.0120
										UPPER 95% LIMIT ON THE MEAN	233.7515
										LOWER 95% LIMIT ON THE RANGE	30.8348
										UPPER 95% LIMIT ON THE RANGE	1455.5996
										MINIMUM VALUE	25.0000
										25TH PERCENTILE OR 1ST QUANTILE	105.0000
										50TH PERCENTILE OR MEDIAN	210.0000
										75TH PERCENTILE OR 3RD QUANTILE	370.0000
										80TH PERCENTILE	470.0000
										90TH PERCENTILE	740.0000
										95TH PERCENTILE	1000.0000
										98TH PERCENTILE	2350.0000
										99TH PERCENTILE	2850.0000
										MAXIMUM VALUE	31000.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM GRNG

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	230
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	230
10 PPM *									ARITHMETIC MEAN	355.3043
20 PPM *									VARIANCE	*****
50 PPM * XXX						16	6.96	6.96	STANDARD DEVIATION	485.4851
100 PPM * XXXXXXXXXX						43	18.70	25.65	SKEW	3.5671
200 PPM * XXXXXXXXXXXXXXXXXX						58	25.22	50.87	EXCESS KURTOSIS	15.6999
500 PPM * XXXXXXXXXXXXXXXXXXXXXX						76	33.04	83.91	COEFFICIENT OF VARIANCE, %	136.6392
1000 PPM * XXXXXX						23	10.00	93.91	STANDARD ERROR OF THE MEAN	32.0119
2000 PPM * XX						8	3.48	97.39	LOWER 95% LIMIT ON THE MEAN	292.2152
5000 PPM * X						6	2.61	100.00	UPPER 95% LIMIT ON THE MEAN	418.3935
1 PCT *									LOWER 95% LIMIT ON THE RANGE	-601.4896
2 PCT *									UPPER 95% LIMIT ON THE RANGE	1312.0983
5 PCT *									GEOMETRIC MEAN	212.2760
									LOG10 MEAN	2.3269
									LOG10 VARIANCE	.1734
									LOG10 STANDARD DEVIATION	.4164
									STANDARD ERROR ON THE MEAN	.0275
									LOWER 95% LIMIT ON THE MEAN	187.4110
									UPPER 95% LIMIT ON THE MEAN	240.4400
									LOWER 95% LIMIT ON THE RANGE	32.0883
									UPPER 95% LIMIT ON THE RANGE	1404.2856
	**	*	*	*	*				MINIMUM VALUE	30.0000
	0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUANTILE	100.0000
									50TH PERCENTILE OR MEDIAN	200.0000
									75TH PERCENTILE OR 3RD QUANTILE	365.0000
									80TH PERCENTILE	420.0000
									90TH PERCENTILE	815.0000
									95TH PERCENTILE	1450.0000
									98TH PERCENTILE	2100.0000
									99TH PERCENTILE	2600.0000
									MAXIMUM VALUE	3800.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		
MN	LKSD	PPM	GRDR		
HISTOGRAM					
**	*	*	*	*	
1 PPM	*			*	
2 PPM	*			*	
5 PPM	*			*	
10 PPM	*			*	
20 PPM	*			*	
50 PPM	XXX			*	
100 PPM	XXXXXXXXXXXXXXXXXX			*	
200 PPM	XXXXXXXXXXXXXXXXXX			*	
500 PPM	XXXXXXXXXXXXXXXXXX			*	
1000 PPM	*			*	
2000 PPM	*			*	
5000 PPM	*			*	
**	*	*	*	*	
0	20	40	60	80	
PERCENT					
N % CUM %					
TOTAL NUMBER OF SAMPLES					37
NUMBER OF ZERO VALUE SAMPLES					0
NUMBER OF NON-ZERO SAMPLES					37
ARITHMETIC MEAN					190.8108
VARIANCE					17535.4354
STANDARD DEVIATION					132.4214
SKEW					.8383
EXCESS KURTOSIS					-.3565
COEFFICIENT OF VARIANCE, %					69.3993
STANDARD ERROR OF THE MEAN					21.7699
LOWER 95% LIMIT ON THE MEAN					146.6766
UPPER 95% LIMIT ON THE MEAN					234.9450
LOWER 95% LIMIT ON THE RANGE					-77.6472
UPPER 95% LIMIT ON THE RANGE					459.2688
GEOMETRIC MEAN					148.8993
LOG10 MEAN					2.1729
LOG10 VARIANCE					.1019
LOG10 STANDARD DEVIATION					.3192
STANDARD ERROR ON THE MEAN					.0525
LOWER 95% LIMIT ON THE MEAN					116.5496
UPPER 95% LIMIT ON THE MEAN					190.2280
LOWER 95% LIMIT ON THE RANGE					33.5580
UPPER 95% LIMIT ON THE RANGE					660.6760
MINIMUM VALUE					40.0000
25TH PERCENTILE OR 1ST QUANTILE					85.0000
50TH PERCENTILE OR MEDIAN					150.0000
75TH PERCENTILE OR 3RD QUANTILE					300.0000
80TH PERCENTILE					315.0000
90TH PERCENTILE					425.0000
95TH PERCENTILE					480.0000
98TH PERCENTILE					500.0000
99TH PERCENTILE					500.0000
MAXIMUM VALUE					500.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	7
5 PPM *					*			ARITHMETIC MEAN	222.8571
10 PPM *					*			VARIANCE	29373.8095
20 PPM *					*			STANDARD DEVIATION	171.3879
50 PPM *	XXXXXXX				*	1	14.29	14.29	14.29
100 PPM *	XXXXXXXXXXXXXXXXXX				*	2	28.57	42.86	42.86
200 PPM *					*				
500 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	4	57.14	100.00	100.00
1000 PPM *					*				
2000 PPM *					*				
5000 PPM *					*				
**	*	*	*	*	*			COEFFICIENT OF VARIANCE. %	76.9048
0	20	40	60	80	100			STANDARD ERROR OF THE MEAN	64.7785
								LOWER 95% LIMIT ON THE MEAN	69.6559
								UPPER 95% LIMIT ON THE MEAN	376.0584
								LOWER 95% LIMIT ON THE RANGE	-182.4752
								UPPER 95% LIMIT ON THE RANGE	628.1895
								GEOMETRIC MEAN	158.9787
								LOG10 MEAN	2.2013
								LOG10 VARIANCE	.1720
								LOG10 STANDARD DEVIATION	.4147
								STANDARD ERROR ON THE MEAN	.1567
								LOWER 95% LIMIT ON THE MEAN	67.7117
								UPPER 95% LIMIT ON THE MEAN	373.2624
								LOWER 95% LIMIT ON THE RANGE	16.6198
								UPPER 95% LIMIT ON THE RANGE	1520.7344
								MINIMUM VALUE	45.0000
								25TH PERCENTILE OR 1ST QUARTILE	80.0000
								50TH PERCENTILE OR MEDIAN	225.0000
								75TH PERCENTILE OR 3RD QUARTILE	325.0000
								80TH PERCENTILE	500.0000
								90TH PERCENTILE	500.0000
								95TH PERCENTILE	500.0000
								98TH PERCENTILE	500.0000
								99TH PERCENTILE	500.0000
								MAXIMUM VALUE	500.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM MGMT

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPM *									TOTAL NUMBER OF SAMPLES	79
2 PPM *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *									NUMBER OF NON-ZERO SAMPLES	79
10 PPM *									ARITHMETIC MEAN	247.6582
20 PPM *									VARIANCE	57327.4586
50 PPM * XXX						4	5.06	5.06	STANDARD DEVIATION	239.4315
100 PPM * XXXXXXXXXXXXX						19	24.05	29.11	SKEW	2.8659
200 PPM * XXXXXXXXXXXXXXXXXXXX						22	27.85	56.96	EXCESS KURTOSIS	11.6664
500 PPM * XXXXXXXXXXXXXXXXXXXXXXXX						25	31.65	88.61	COEFFICIENT OF VARIANCE, %	96.6782
1000 PPM * XXXXX						8	10.13	98.73	STANDARD ERROR OF THE MEAN	26.9382
2000 PPM * X						1	1.27	100.00	LOWER 95% LIMIT ON THE MEAN	194.0319
5000 PPM *									UPPER 95% LIMIT ON THE MEAN	301.2845
1 PCT *									LOWER 95% LIMIT ON THE RANGE	-228.9829
2 PCT *									UPPER 95% LIMIT ON THE RANGE	724.2994
5 PCT *									GEOMETRIC MEAN	177.9315
									LOG10 MEAN	2.2503
									LOG10 VARIANCE	.1215
									LOG10 STANDARD DEVIATION	.3485
									STANDARD ERROR ON THE MEAN	.0392
									LOWER 95% LIMIT ON THE MEAN	148.6595
									UPPER 95% LIMIT ON THE MEAN	212.9673
									LOWER 95% LIMIT ON THE RANGE	36.0114
									UPPER 95% LIMIT ON THE RANGE	879.1568
	**	*	*	*	*				MINIMUM VALUE	35.0000
	0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUARTILE	100.0000
									50TH PERCENTILE OR MEDIAN	190.0000
									75TH PERCENTILE OR 3RD QUARTILE	315.0000
									80TH PERCENTILE	365.0000
									90TH PERCENTILE	565.0000
									95TH PERCENTILE	720.0000
									98TH PERCENTILE	835.0000
									99TH PERCENTILE	1600.0000
									MAXIMUM VALUE	1600.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPM *					*				TOTAL NUMBER OF SAMPLES	3
20 PPM *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPM *					*				NUMBER OF NON-ZERO SAMPLES	3
100 PPM *					*				ARITHMETIC MEAN	145.0000
200 PPM *	XXX*				*	3	100.00	100.00	VARIANCE	1300.0000
500 PPM *					*				STANDARD DEVIATION	36.0555
1000 PPM *					*				SKEW	.4703
2000 PPM *					*				EXCESS KURTOSIS	-1.5000
5000 PPM *					*				COEFFICIENT OF VARIANCE, %	24.8659
	**	*	*	*	*				STANDARD ERROR OF THE MEAN	20.8167
	0	20	40	60	80				LOWER 95% LIMIT ON THE MEAN	78.7614
									UPPER 95% LIMIT ON THE MEAN	211.2386
									LOWER 95% LIMIT ON THE RANGE	30.2714
									UPPER 95% LIMIT ON THE RANGE	259.7286
									GEOMETRIC MEAN	142.1459
									LOG10 MEAN	2.1527
									LOG10 VARIANCE	.0110
									LOG10 STANDARD DEVIATION	.1050
									STANDARD ERROR ON THE MEAN	.0606
									LOWER 95% LIMIT ON THE MEAN	91.1497
									UPPER 95% LIMIT ON THE MEAN	221.6734
									LOWER 95% LIMIT ON THE RANGE	65.8393
									UPPER 95% LIMIT ON THE RANGE	306.8909
									MINIMUM VALUE	115.0000
									25TH PERCENTILE OR 1ST QUANTILE	135.0000
									50TH PERCENTILE OR MEDIAN	135.0000
									75TH PERCENTILE OR 3RD QUANTILE	185.0000
									80TH PERCENTILE	185.0000
									90TH PERCENTILE	185.0000
									95TH PERCENTILE	185.0000
									98TH PERCENTILE	185.0000
									99TH PERCENTILE	185.0000
									MAXIMUM VALUE	185.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MN LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	75.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	75.0000
UPPER 95% LIMIT ON THE MEAN	75.0000
LOWER 95% LIMIT ON THE RANGE	75.0000
UPPER 95% LIMIT ON THE RANGE	75.0000
GEOMETRIC MEAN	75.0000
LOG10 MEAN	1.8751
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	75.0000
UPPER 95% LIMIT ON THE MEAN	75.0000
LOWER 95% LIMIT ON THE RANGE	75.0000
UPPER 95% LIMIT ON THE RANGE	75.0000
MINIMUM VALUE	75.0000
25TH PERCENTILE OR 1ST QUARTILE	75.0000
50TH PERCENTILE OR MEDIAN	75.0000
75TH PERCENTILE OR 3RD QUARTILE	75.0000
80TH PERCENTILE	75.0000
90TH PERCENTILE	75.0000
95TH PERCENTILE	75.0000
98TH PERCENTILE	75.0000
99TH PERCENTILE	75.0000
MAXIMUM VALUE	75.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET			
MN	LKSD	PPM	GRCK			
HISTOGRAM						
**	*	*	*	*	N	% CUM %
1 PPM *				*		
2 PPM *				*		
5 PPM *				*		
10 PPM *				*		
20 PPM *				*		
50 PPM *	X			*	1	1.75 1.75
100 PPM *	XXXXX			*	6	10.53 12.28
200 PPM *	XXXXXXXXXXXXXXXXXXXX			*	17	29.82 42.11
500 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	25	43.86 85.96
1000 PPM *	XXXXXX			*	6	10.53 96.49
2000 PPM *	XX			*	2	3.51 100.00
5000 PPM *				*		
1 PCT *				*		
2 PCT *				*		
5 PCT *				*		
**	*	*	*	*		
0	20	40	60	80	100	
PERCENT						
SUMMARY STATISTICS						
					TOTAL NUMBER OF SAMPLES	57
					NUMBER OF ZERO VALUE SAMPLES	0
					NUMBER OF NON-ZERO SAMPLES	57
					ARITHMETIC MEAN	305.7895
					VARIANCE	88910.5263
					STANDARD DEVIATION	298.1787
					SKEW	3.6504
					EXCESS KURTOSIS	16.9141
					COEFFICIENT OF VARIANCE. %	97.5111
					STANDARD ERROR OF THE MEAN	39.4947
					LOWER 95% LIMIT ON THE MEAN	226.7052
					UPPER 95% LIMIT ON THE MEAN	384.8737
					LOWER 95% LIMIT ON THE RANGE	-291.2835
					UPPER 95% LIMIT ON THE RANGE	902.8625
					GEOMETRIC MEAN	233.9529
					LOG10 MEAN	2.3691
					LOG10 VARIANCE	.0906
					LOG10 STANDARD DEVIATION	.3010
					STANDARD ERROR ON THE MEAN	.0399
					LOWER 95% LIMIT ON THE MEAN	194.6653
					UPPER 95% LIMIT ON THE MEAN	281.1695
					LOWER 95% LIMIT ON THE RANGE	58.3916
					UPPER 95% LIMIT ON THE RANGE	937.3593
					MINIMUM VALUE	50.0000
					25TH PERCENTILE OR 1ST QUARTILE	160.0000
					50TH PERCENTILE OR MEDIAN	225.0000
					75TH PERCENTILE OR 3RD QUARTILE	390.0000
					80TH PERCENTILE	440.0000
					90TH PERCENTILE	600.0000
					95TH PERCENTILE	765.0000
					98TH PERCENTILE	2000.0000
					99TH PERCENTILE	2000.0000
					MAXIMUM VALUE	2000.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MN LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	125.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	125.0000
UPPER 95% LIMIT ON THE MEAN	125.0000
LOWER 95% LIMIT ON THE RANGE	125.0000
UPPER 95% LIMIT ON THE RANGE	125.0000
GEOMETRIC MEAN	125.0000
LOG10 MEAN	2.0969
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	125.0000
UPPER 95% LIMIT ON THE MEAN	125.0000
LOWER 95% LIMIT ON THE RANGE	125.0000
UPPER 95% LIMIT ON THE RANGE	125.0000
MINIMUM VALUE	125.0000
25TH PERCENTILE OR 1ST QUARTILE	125.0000
50TH PERCENTILE OR MEDIAN	125.0000
75TH PERCENTILE OR 3RD QUARTILE	125.0000
80TH PERCENTILE	125.0000
90TH PERCENTILE	125.0000
95TH PERCENTILE	125.0000
98TH PERCENTILE	125.0000
99TH PERCENTILE	125.0000
MAXIMUM VALUE	125.0000

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NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

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VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD .PPM GRSC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	5
1 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPM *					*			NUMBER OF NON-ZERO SAMPLES	5
5 PPM *					*			ARITHMETIC MEAN	107.0000
10 PPM *					*			VARIANCE	3670.0000
20 PPM *					*			STANDARD DEVIATION	60.5805
50 PPM *	XXXXXXXXXX				*	1	20.00 20.00	SKEW	.6570
100 PPM *	XXXXXXXXXXXXXXXXXXXXXX				*	2	40.00 60.00	EXCESS KURTOSIS	-.8697
200 PPM *	XXXXXXXXXXXXXXXXXXXXXX				*	2	40.00 100.00	COEFFICIENT OF VARIANCE, %	56.6173
500 PPM *					*			STANDARD ERROR OF THE MEAN	27.0924
1000 PPM *					*			LOWER 95% LIMIT ON THE MEAN	37.3454
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	176.6546
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-48.7525
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	262.7525
	0	20	40	60	80	100		GEOMETRIC MEAN	94.0817
								LOG10 MEAN	1.9735
								LOG10 VARIANCE	.0616
								LOG10 STANDARD DEVIATION	.2482
								STANDARD ERROR ON THE MEAN	.1110
								LOWER 95% LIMIT ON THE MEAN	48.7654
								UPPER 95% LIMIT ON THE MEAN	181.5094
								LOWER 95% LIMIT ON THE RANGE	21.6444
								UPPER 95% LIMIT ON THE RANGE	408.9454
								MINIMUM VALUE	45.0000
								25TH PERCENTILE OR 1ST QUANTILE	70.0000
								50TH PERCENTILE OR MEDIAN	90.0000
								75TH PERCENTILE OR 3RD QUANTILE	200.0000
								80TH PERCENTILE	200.0000
								90TH PERCENTILE	200.0000
								95TH PERCENTILE	200.0000
								98TH PERCENTILE	200.0000
								99TH PERCENTILE	200.0000
								MAXIMUM VALUE	200.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET	
MN	LKSD	PPM	AEXV	
HISTOGRAM				
			N	% CUM %
**	*	*	*	*
1 PPM	*	*	*	*
2 PPM	*	*	*	*
5 PPM	*	*	*	*
10 PPM	*	*	*	*
20 PPM	*	*	*	*
50 PPM	*	*	*	*
100 PPM	XXXX	*	1	7.69 7.69
200 PPM	XXXXXXXXXXXXX	*	3	23.08 30.77
500 PPM	XXXX	*	1	7.69 38.46
1000 PPM	XXXXXXXXXXXXXXXXXXXXX	*	5	38.46 76.92
2000 PPM	XXXXXXX	*	2	15.38 92.31
5000 PPM	XXXX	*	1	7.69 100.00
1 PCT	*	*	*	*
2 PCT	*	*	*	*
5 PCT	*	*	*	*
**	*	*	*	*
0	20	40	60	80 100
PERCENT				
SUMMARY STATISTICS				
			TOTAL NUMBER OF SAMPLES	13
			NUMBER OF ZERO VALUE SAMPLES	0
			NUMBER OF NON-ZERO SAMPLES	13
			ARITHMETIC MEAN	737.3077
			VARIANCE	*****
			STANDARD DEVIATION	710.4418
			SKREW	1.6079
			EXCESS KURTOSIS	2.0391
			COEFFICIENT OF VARIANCE, %	96.3562
			STANDARD ERROR OF THE MEAN	197.0411
			LOWER 95% LIMIT ON THE MEAN	311.6989
			UPPER 95% LIMIT ON THE MEAN	1162.9165
			LOWER 95% LIMIT ON THE RANGE	-797.2466
			UPPER 95% LIMIT ON THE RANGE	2271.8620
			GEOMETRIC MEAN	488.5146
			LOG10 MEAN	2.6889
			LOG10 VARIANCE	.1820
			LOG10 STANDARD DEVIATION	.4266
			STANDARD ERROR ON THE MEAN	.1183
			LOWER 95% LIMIT ON THE MEAN	271.2151
			UPPER 95% LIMIT ON THE MEAN	879.9160
			LOWER 95% LIMIT ON THE RANGE	58.5369
			UPPER 95% LIMIT ON THE RANGE	4076.8574
			MINIMUM VALUE	100.0000
			25TH PERCENTILE OR 1ST QUARTILE	190.0000
			50TH PERCENTILE OR MEDIAN	545.0000
			75TH PERCENTILE OR 3RD QUARTILE	1350.0000
			80TH PERCENTILE	1350.0000
			90TH PERCENTILE	2650.0000
			95TH PERCENTILE	2650.0000
			98TH PERCENTILE	2650.0000
			99TH PERCENTILE	2650.0000
			MAXIMUM VALUE	2650.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MN LKSD PPM BEXV

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
1 PPM *						*				TOTAL NUMBER OF SAMPLES	58
2 PPM *						*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPM *						*				NUMBER OF NON-ZERO SAMPLES	58
10 PPM *						*				ARITHMETIC MEAN	1116.0345
20 PPM *						*				VARIANCE	*****
50 PPM *	XX					*	2	3.45	3.45	STANDARD DEVIATION	6140.2379
100 PPM *	XXXXXXXXXXXXXX					*	14	24.14	27.59	SKEW	7.3817
200 PPM *	XXXXXXXXXXXXXX					*	16	27.59	55.17	EXCESS KURTOSIS	52.6654
500 PPM *	XXXXXXXXXXXXXX					*	16	27.59	82.76	COEFFICIENT OF VARIANCE, %	550.1835
1000 PPM *	XXXXXXX					*	8	13.79	96.55	STANDARD ERROR OF THE MEAN	806.2527
2000 PPM *						*				LOWER 95% LIMIT ON THE MEAN	-497.7610
5000 PPM *	X					*	1	1.72	98.28	UPPER 95% LIMIT ON THE MEAN	2729.8300
1 PCT *						*				LOWER 95% LIMIT ON THE RANGE	*****
2 PCT *						*				UPPER 95% LIMIT ON THE RANGE	13406.3347
5 PCT *	X					*	1	1.72	100.00	GEOMETRIC MEAN	228.4185
10 PCT *						*				LOG10 MEAN	2.3587
20 PCT *						*				LOG10 VARIANCE	.2387
50 PCT *						*				LOG10 STANDARD DEVIATION	.4886
	**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0642
	0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	169.9517
										UPPER 95% LIMIT ON THE MEAN	306.9991
										LOWER 95% LIMIT ON THE RANGE	24.0338
										UPPER 95% LIMIT ON THE RANGE	2170.9057
										MINIMUM VALUE	40.0000
										25TH PERCENTILE OR 1ST QUARTILE	100.0000
										50TH PERCENTILE OR MEDIAN	190.0000
										75TH PERCENTILE OR 3RD QUARTILE	440.0000
										80TH PERCENTILE	495.0000
										90TH PERCENTILE	630.0000
										95TH PERCENTILE	1000.0000
										98TH PERCENTILE	47000.0000
										99TH PERCENTILE	47000.0000
										MAXIMUM VALUE	47000.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	MN LKSD	PPM	24	613.	644.	105.1	1.50	1.49	342.	885.	376.	2.5757	.4381	246.	576.
DIBS	MN LKSD	PPM	16	120.	84.3	70.1	1.07	.44	75.6	165.	95.0	1.9779	.3203	64.3	140.
GRNT	MN LKSD	PPM	384	425.	.164E+04	385.4	17.08	314.09	271.	590.	212.	2.3260	.4257	192.	234.
GRNG	MN LKSD	PPM	230	355.	485.	136.6	3.57	15.70	292.	418.	212.	2.3269	.4164	187.	240.
GRDR	MN LKSD	PPM	37	191.	132.	69.4	.84	-.36	147.	235.	149.	2.1729	.3192	117.	190.
QZFP	MN LKSD	PPM	7	223.	171.	76.9	.38	-1.14	69.7	376.	159.	2.2013	.4147	67.7	373.
MGMT	MN LKSD	PPM	79	248.	239.	96.7	2.87	11.67	194.	301.	178.	2.2503	.3485	149.	213.
UMFC	MN LKSD	PPM	3	145.	36.1	24.9	.47	-1.50	78.8	211.	142.	2.1527	.1050	91.1	222.
CGLM	MN LKSD	PPM	1	75.0	.100E-05	.0	.00	.00	75.0	75.0	75.0	1.8751	.0000	75.0	75.0
GRCK	MN LKSD	PPM	57	306.	298.	97.5	3.65	16.91	227.	385.	234.	2.3691	.3010	195.	281.
SCST	MN LKSD	PPM	1	125.	.100E-05	.0	.00	.00	125.	125.	125.	2.0969	.0000	125.	125.
GRSC	MN LKSD	PPM	5	107.	60.6	56.6	.66	-.87	37.3	177.	94.1	1.9735	.2482	48.8	182.
AEXV	MN LKSD	PPM	13	737.	710.	96.4	1.61	2.04	312.	.116E+04	489.	2.6889	.4266	271.	880.
BEXV	MN LKSD	PPM	58	.112E+04	.614E+04	550.2	7.38	52.67	-498.	.273E+04	228.	2.3587	.4886	170.	307.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	MN LKSD	PPM	24	75.000	215.000	285.000	1050.000	1100.000	1950.000	2500.000	2500.000	2500.000	2500.000	2500.000
DIBS	MN LKSD	PPM	16	20.000	60.000	105.000	180.000	195.000	245.000	330.000	330.000	330.000	330.000	330.000
GRNT	MN LKSD	PPM	384	25.000	105.000	210.000	370.000	470.000	740.000	1000.000	2350.000	2850.000	31000.000	31000.000
GRNG	MN LKSD	PPM	230	30.000	100.000	200.000	365.000	420.000	815.000	1450.000	2100.000	2600.000	3800.000	3800.000
GRDR	MN LKSD	PPM	37	40.000	85.000	150.000	300.000	315.000	425.000	480.000	500.000	500.000	500.000	500.000
QZFP	MN LKSD	PPM	7	45.000	80.000	225.000	325.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000
MGMT	MN LKSD	PPM	79	35.000	100.000	190.000	315.000	365.000	565.000	720.000	835.000	1600.000	1600.000	1600.000
UMFC	MN LKSD	PPM	3	115.000	135.000	135.000	185.000	185.000	185.000	185.000	185.000	185.000	185.000	185.000
CGLM	MN LKSD	PPM	1	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000
GRCK	MN LKSD	PPM	57	50.000	160.000	225.000	390.000	440.000	600.000	765.000	2000.000	2000.000	2000.000	2000.000
SCST	MN LKSD	PPM	1	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000
GRSC	MN LKSD	PPM	5	45.000	70.000	90.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000
AEXV	MN LKSD	PPM	13	100.000	190.000	545.000	1350.000	1350.000	2650.000	2650.000	2650.000	2650.000	2650.000	2650.000
BEXV	MN LKSD	PPM	58	40.000	100.000	190.000	440.000	495.000	630.000	1000.000	47000.000	47000.000	47000.000	47000.000

VARIABLE NAME AS LKSD UNIT OF MEASUREMENT PPM DATA SUBSET AKRK

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
10 PPB *						*				TOTAL NUMBER OF SAMPLES	24
20 PPB *						*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *						*				NUMBER OF NON-ZERO SAMPLES	24
100 PPB *						*				ARITHMETIC MEAN	.9167
200 PPB *						*				VARIANCE	1.7971
500 PPB *	XX					*	18	75.00	75.00	STANDARD DEVIATION	1.3406
1 PPM *	XXXXXXX					*	4	16.67	91.67	SKEW	4.1498
2 PPM *	XX					*	1	4.17	95.83	EXCESS KURTOSIS	16.2657
5 PPM *						*				COEFFICIENT OF VARIANCE. %	146.2429
10 PPM *	XX					*	1	4.17	100.00	STANDARD ERROR OF THE MEAN	.2736
20 PPM *						*				LOWER 95% LIMIT ON THE MEAN	.3519
50 PPM *						*				UPPER 95% LIMIT ON THE MEAN	1.4815
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-1.8502
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	3.6836
										GEOMETRIC MEAN	.6637
										LOG10 MEAN	-.1780
										LOG10 VARIANCE	.0728
										LOG10 STANDARD DEVIATION	.2699
										STANDARD ERROR ON THE MEAN	.0551
										LOWER 95% LIMIT ON THE MEAN	.5108
										UPPER 95% LIMIT ON THE MEAN	.8624
										LOWER 95% LIMIT ON THE RANGE	.1840
										UPPER 95% LIMIT ON THE RANGE	2.3936
										MINIMUM VALUE	.5000
										25TH PERCENTILE OR 1ST QUARTILE	.5000
										50TH PERCENTILE OR MEDIAN	.5000
										75TH PERCENTILE OR 3RD QUARTILE	1.0000
										80TH PERCENTILE	1.0000
										90TH PERCENTILE	2.0000
										95TH PERCENTILE	7.0000
										98TH PERCENTILE	7.0000
										99TH PERCENTILE	7.0000
										MAXIMUM VALUE	7.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AS LKSD PPM DIBS

HISTOGRAM							SUMMARY STATISTICS			
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	16
10 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*				NUMBER OF NON-ZERO SAMPLES	16
50 PPB *					*				ARITHMETIC MEAN	.8438
100 PPB *					*				VARIANCE	1.8906
200 PPB *					*				STANDARD DEVIATION	1.3750
500 PPB *	XX				*	15	93.75	93.75	SKEW	3.6148
1 PPM *					*				EXCESS KURTOSIS	11.0667
2 PPM *					*				COEFFICIENT OF VARIANCE, %	162.9630
5 PPM *					*				STANDARD ERROR OF THE MEAN	.3438
10 PPM *	XXX				*	1	6.25	100.00	LOWER 95% LIMIT ON THE MEAN	.1150
20 PPM *					*				UPPER 95% LIMIT ON THE MEAN	1.5725
50 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-2.0713
**	*	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	3.7588
0	20	40	60	80	100				GEOMETRIC MEAN	.5840
									LOG10 MEAN	-.2336
									LOG10 VARIANCE	.0728
									LOG10 STANDARD DEVIATION	.2698
									STANDARD ERROR ON THE MEAN	.0674
									LOWER 95% LIMIT ON THE MEAN	.4202
									UPPER 95% LIMIT ON THE MEAN	.8117
									LOWER 95% LIMIT ON THE RANGE	.1565
									UPPER 95% LIMIT ON THE RANGE	2.1796
									MINIMUM VALUE	.5000
									25TH PERCENTILE OR 1ST QUARTILE	.5000
									50TH PERCENTILE OR MEDIAN	.5000
									75TH PERCENTILE OR 3RD QUARTILE	.5000
									80TH PERCENTILE	.5000
									90TH PERCENTILE	.5000
									95TH PERCENTILE	6.0000
									98TH PERCENTILE	6.0000
									99TH PERCENTILE	6.0000
									MAXIMUM VALUE	6.0000

VARIABLE NAME AS LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET GRNT	HISTOGRAM			SUMMARY STATISTICS		
			N	%	CUM %			
10 PPB *			1	.26	.26	TOTAL NUMBER OF SAMPLES		384
20 PPB *						NUMBER OF ZERO VALUE SAMPLES		1
50 PPB *						NUMBER OF NON-ZERO SAMPLES		383
100 PPB *						ARITHMETIC MEAN		.8107
200 PPB *						VARIANCE		1.6205
500 PPB *	XX		323	84.11	84.37	STANDARD DEVIATION		1.2730
1 PPM *	XXXX		29	7.55	91.93	SKREW		7.5221
2 PPM *	XX		13	3.39	95.31	EXCESS KURTOSIS		75.4661
5 PPM *	XX		12	3.13	98.44	COEFFICIENT OF VARIANCE. %		157.0218
10 PPM *	X		5	1.30	99.74	STANDARD ERROR OF THE MEAN		.0650
20 PPM *	I		1	.26	100.00	LOWER 95% LIMIT ON THE MEAN		.6828
50 PPM *						UPPER 95% LIMIT ON THE MEAN		.9386
100 PPM *						LOWER 95% LIMIT ON THE RANGE		-1.6924
200 PPM *						UPPER 95% LIMIT ON THE RANGE		3.3138
500 PPM *						GEOMETRIC MEAN		.6109
						LOG10 MEAN		-.2140
						LOG10 VARIANCE		.0564
						LOG10 STANDARD DEVIATION		.2374
						STANDARD ERROR ON THE MEAN		.0121
						LOWER 95% LIMIT ON THE MEAN		.5782
						UPPER 95% LIMIT ON THE MEAN		.6454
						LOWER 95% LIMIT ON THE RANGE		.2085
						UPPER 95% LIMIT ON THE RANGE		1.7897
						MINIMUM VALUE		.5000
						25TH PERCENTILE OR 1ST QUARTILE		.5000
						50TH PERCENTILE OR MEDIAN		.5000
						75TH PERCENTILE OR 3RD QUARTILE		.5000
						80TH PERCENTILE		.5000
						90TH PERCENTILE		1.0000
						95TH PERCENTILE		2.0000
						98TH PERCENTILE		5.0000
						99TH PERCENTILE		7.0000
						MAXIMUM VALUE		17.0000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET			
AS	LKSD	PPM	GRNG			
HISTOGRAM						
			N	%	CUM %	
**	*	*	*	*	*	
I						
10 PPB	*		2	.87	.87	TOTAL NUMBER OF SAMPLES 230
20 PPB	*					NUMBER OF ZERO VALUE SAMPLES 2
50 PPB	*					NUMBER OF NON-ZERO SAMPLES 228
100 PPB	*					ARITHMETIC MEAN .9934
200 PPB	*					VARIANCE 4.5936
500 PPB	*					STANDARD DEVIATION 2.1433
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		172	74.78	75.65	SKEW 11.1960
1 PPM	*		26	11.30	86.96	EXCESS KURTOSIS 145.9521
2 PPM	*		11	4.78	91.74	COEFFICIENT OF VARIANCE. % 215.7455
5 PPM	*		15	6.52	98.26	STANDARD ERROR OF THE MEAN .1419
10 PPM	*		3	1.30	99.57	LOWER 95% LIMIT ON THE MEAN .7137
20 PPM	*					UPPER 95% LIMIT ON THE MEAN 1.2732
50 PPM	*					LOWER 95% LIMIT ON THE RANGE -3.2307
100 PPM	*					UPPER 95% LIMIT ON THE RANGE 5.2175
200 PPM	*					GEOMETRIC MEAN .6812
500 PPM	*					LOG10 MEAN -.1668
	I		1	.43	100.00	LOG10 VARIANCE .0776
						LOG10 STANDARD DEVIATION .2785
						STANDARD ERROR ON THE MEAN .0184
						LOWER 95% LIMIT ON THE MEAN .6265
						UPPER 95% LIMIT ON THE MEAN .7406
						LOWER 95% LIMIT ON THE RANGE .1924
						UPPER 95% LIMIT ON THE RANGE 2.4110
**	*	*	*	*	*	
0	20	40	60	80	100	
PERCENT						
						MINIMUM VALUE .5000
						25TH PERCENTILE OR 1ST QUARTILE .5000
						50TH PERCENTILE OR MEDIAN .5000
						75TH PERCENTILE OR 3RD QUARTILE .5000
						80TH PERCENTILE 1.0000
						90TH PERCENTILE 2.0000
						95TH PERCENTILE 3.0000
						98TH PERCENTILE 5.0000
						99TH PERCENTILE 6.0000
						MAXIMUM VALUE 30.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
AS LKSD PPM GRDR

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	37
					*			NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *					*			NUMBER OF NON-ZERO SAMPLES	37
20 PPB *					*			ARITHMETIC MEAN	1.4595
50 PPB *					*			VARIANCE	11.8386
100 PPB *					*			STANDARD DEVIATION	3.4407
200 PPB *					*			SKEW	4.3149
500 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	28	75.68	EXCESS KURTOSIS	17.9755
1 PPM *	XXXX				*	3	8.11	COEFFICIENT OF VARIANCE, %	235.7534
2 PPM *	XXXX				*	3	8.11	STANDARD ERROR OF THE MEAN	.5657
5 PPM *	X				*	1	2.70	LOWER 95% LIMIT ON THE MEAN	.3127
10 PPM *					*			UPPER 95% LIMIT ON THE MEAN	2.6062
20 PPM *	XXX				*	2	5.41	LOWER 95% LIMIT ON THE RANGE	-5.5159
50 PPM *					*			UPPER 95% LIMIT ON THE RANGE	8.4348
100 PPM *					*			GEOMETRIC MEAN	.7243
200 PPM *					*			LOG10 MEAN	-.1401
500 PPM *					*			LOG10 VARIANCE	.1328
					*			LOG10 STANDARD DEVIATION	.3645
					*			STANDARD ERROR ON THE MEAN	.0599
					*			LOWER 95% LIMIT ON THE MEAN	.5476
					*			UPPER 95% LIMIT ON THE MEAN	.9581
					*			LOWER 95% LIMIT ON THE RANGE	.1321
					*			UPPER 95% LIMIT ON THE RANGE	3.9705
**	*	*	*	*	*			MINIMUM VALUE	.5000
0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUARTILE	.5000
								50TH PERCENTILE OR MEDIAN	.5000
								75TH PERCENTILE OR 3RD QUARTILE	1.0000
								80TH PERCENTILE	1.0000
								90TH PERCENTILE	1.5000
								95TH PERCENTILE	11.0000
								98TH PERCENTILE	19.0000
								99TH PERCENTILE	19.0000
								MAXIMUM VALUE	19.0000

VARIABLE NAME AS LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET QZFP	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
10 PPB *						TOTAL NUMBER OF SAMPLES	7
20 PPB *						NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *						NUMBER OF NON-ZERO SAMPLES	7
100 PPB *						ARITHMETIC MEAN	.6429
200 PPB *						VARIANCE	.1429
500 PPB *	XX		6	85.71	85.71	STANDARD DEVIATION	.3780
1 PPM *	XXXXXXX		1	14.29	100.00	SKEW	2.0412
2 PPM *						EXCESS KURTOSIS	2.1667
5 PPM *						COEFFICIENT OF VARIANCE. %	58.7945
10 PPM *						STANDARD ERROR OF THE MEAN	.1429
20 PPM *						LOWER 95% LIMIT ON THE MEAN	.3050
50 PPM *						UPPER 95% LIMIT ON THE MEAN	.9807
						LOWER 95% LIMIT ON THE RANGE	-.2510
						UPPER 95% LIMIT ON THE RANGE	1.5367
						GEOMETRIC MEAN	.5850
						LOG10 MEAN	-.2329
						LOG10 VARIANCE	.0325
						LOG10 STANDARD DEVIATION	.1803
						STANDARD ERROR ON THE MEAN	.0682
						LOWER 95% LIMIT ON THE MEAN	.4036
						UPPER 95% LIMIT ON THE MEAN	.8479
						LOWER 95% LIMIT ON THE RANGE	.2191
						UPPER 95% LIMIT ON THE RANGE	1.5618
						MINIMUM VALUE	.5000
						25TH PERCENTILE OR 1ST QUARTILE	.5000
						50TH PERCENTILE OR MEDIAN	.5000
						75TH PERCENTILE OR 3RD QUARTILE	.5000
						80TH PERCENTILE	1.5000
						90TH PERCENTILE	1.5000
						95TH PERCENTILE	1.5000
						98TH PERCENTILE	1.5000
						99TH PERCENTILE	1.5000
						MAXIMUM VALUE	1.5000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AS LKSD PPM MGMT

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPB *					*				TOTAL NUMBER OF SAMPLES	79
20 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *					*				NUMBER OF NON-ZERO SAMPLES	79
100 PPB *					*				ARITHMETIC MEAN	.8608
200 PPB *					*				VARIANCE	.6086
500 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	54	68.35	68.35	STANDARD DEVIATION	.7801
1 PPM *	XXXXXXX				*	13	16.46	84.81	SKEW	3.1809
2 PPM *	XXXX				*	7	8.86	93.67	EXCESS KURTOSIS	11.3270
5 PPM *	XXX				*	5	6.33	100.00	COEFFICIENT OF VARIANCE, %	90.6302
10 PPM *					*				STANDARD ERROR OF THE MEAN	.0878
20 PPM *					*				LOWER 95% LIMIT ON THE MEAN	.6860
50 PPM *					*				UPPER 95% LIMIT ON THE MEAN	1.0355
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-.6922
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	2.4137
									GEOMETRIC MEAN	.6984
									LOG10 MEAN	-.1559
									LOG10 VARIANCE	.0596
									LOG10 STANDARD DEVIATION	.2441
									STANDARD ERROR ON THE MEAN	.0275
									LOWER 95% LIMIT ON THE MEAN	.6158
									UPPER 95% LIMIT ON THE MEAN	.7921
									LOWER 95% LIMIT ON THE RANGE	.2281
									UPPER 95% LIMIT ON THE RANGE	2.1382
									MINIMUM VALUE	.5000
									25TH PERCENTILE OR 1ST QUARTILE	.5000
									50TH PERCENTILE OR MEDIAN	.5000
									75TH PERCENTILE OR 3RD QUARTILE	1.0000
									80TH PERCENTILE	1.0000
									90TH PERCENTILE	1.5000
									95TH PERCENTILE	2.5000
									98TH PERCENTILE	3.5000
									99TH PERCENTILE	5.0000
									MAXIMUM VALUE	5.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AS LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPB *									TOTAL NUMBER OF SAMPLES	3
20 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *									NUMBER OF NON-ZERO SAMPLES	3
100 PPB *									ARITHMETIC MEAN	2.0000
200 PPB *									VARIANCE	6.7500
500 PPB *									STANDARD DEVIATION	2.5981
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					2	66.67	66.67	SKEW	.7071
1 PPM *									EXCESS KURTOSIS	-1.5000
2 PPM *									COEFFICIENT OF VARIANCE. %	129.9038
5 PPM *									STANDARD ERROR OF THE MEAN	1.5000
10 PPM *									LOWER 95% LIMIT ON THE MEAN	-2.7730
20 PPM *									UPPER 95% LIMIT ON THE MEAN	6.7730
50 PPM *									LOWER 95% LIMIT ON THE RANGE	-6.2671
	XXXXXXXXXXXXXXXXXXXX					1	33.33	100.00	UPPER 95% LIMIT ON THE RANGE	10.2671
									GEOMETRIC MEAN	1.0772
									LOG10 MEAN	.0323
									LOG10 VARIANCE	.3333
									LOG10 STANDARD DEVIATION	.5774
	**	*	*	*	*				STANDARD ERROR ON THE MEAN	.3333
	0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	.0937
									UPPER 95% LIMIT ON THE MEAN	12.3871
									LOWER 95% LIMIT ON THE RANGE	.0157
									UPPER 95% LIMIT ON THE RANGE	74.0341
									MINIMUM VALUE	.5000
									25TH PERCENTILE OR 1ST QUANTILE	.5000
									50TH PERCENTILE OR MEDIAN	.5000
									75TH PERCENTILE OR 3RD QUANTILE	5.0000
									80TH PERCENTILE	5.0000
									90TH PERCENTILE	5.0000
									95TH PERCENTILE	5.0000
									98TH PERCENTILE	5.0000
									99TH PERCENTILE	5.0000
									MAXIMUM VALUE	5.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AS LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.5000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.5000
UPPER 95% LIMIT ON THE MEAN	.5000
LOWER 95% LIMIT ON THE RANGE	.5000
UPPER 95% LIMIT ON THE RANGE	.5000
GEOMETRIC MEAN	.5000
LOG10 MEAN	-.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.5000
UPPER 95% LIMIT ON THE MEAN	.5000
LOWER 95% LIMIT ON THE RANGE	.5000
UPPER 95% LIMIT ON THE RANGE	.5000
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	.5000
50TH PERCENTILE OR MEDIAN	.5000
75TH PERCENTILE OR 3RD QUARTILE	.5000
80TH PERCENTILE	.5000
90TH PERCENTILE	.5000
95TH PERCENTILE	.5000
98TH PERCENTILE	.5000
99TH PERCENTILE	.5000
MAXIMUM VALUE	.5000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME AS LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET GRCK	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
10 PPB *			1	1.75	1.75	TOTAL NUMBER OF SAMPLES	57
20 PPB *						NUMBER OF ZERO VALUE SAMPLES	1
50 PPB *						NUMBER OF NON-ZERO SAMPLES	56
100 PPB *						ARITHMETIC MEAN	.9286
200 PPB *						VARIANCE	1.4494
500 PPB *			44	77.19	78.95	STANDARD DEVIATION	1.2039
1 PPM *			5	8.77	87.72	SKEW	3.4814
2 PPM *			2	3.51	91.23	EXCESS KURTOSIS	11.9480
5 PPM *			3	5.26	96.49	COEFFICIENT OF VARIANCE, %	129.6497
10 PPM *			2	3.51	100.00	STANDARD ERROR OF THE MEAN	.1609
20 PPM *						LOWER 95% LIMIT ON THE MEAN	.6063
50 PPM *						UPPER 95% LIMIT ON THE MEAN	1.2508
						LOWER 95% LIMIT ON THE RANGE	-1.4831
						UPPER 95% LIMIT ON THE RANGE	3.3402
						GEOMETRIC MEAN	.6695
						LOG10 MEAN	-.1743
						LOG10 VARIANCE	.0792
						LOG10 STANDARD DEVIATION	.2815
						STANDARD ERROR ON THE MEAN	.0376
						LOWER 95% LIMIT ON THE MEAN	.5629
						UPPER 95% LIMIT ON THE MEAN	.7963
						LOWER 95% LIMIT ON THE RANGE	.1828
						UPPER 95% LIMIT ON THE RANGE	2.4522
						MINIMUM VALUE	.5000
						25TH PERCENTILE OR 1ST QUARTILE	.5000
						50TH PERCENTILE OR MEDIAN	.5000
						75TH PERCENTILE OR 3RD QUARTILE	.5000
						80TH PERCENTILE	1.0000
						90TH PERCENTILE	2.0000
						95TH PERCENTILE	3.5000
						98TH PERCENTILE	6.5000
						99TH PERCENTILE	6.5000
						MAXIMUM VALUE	6.5000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AS LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.5000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.5000
UPPER 95% LIMIT ON THE MEAN	.5000
LOWER 95% LIMIT ON THE RANGE	.5000
UPPER 95% LIMIT ON THE RANGE	.5000
GEOMETRIC MEAN	.5000
LOG10 MEAN	-.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.5000
UPPER 95% LIMIT ON THE MEAN	.5000
LOWER 95% LIMIT ON THE RANGE	.5000
UPPER 95% LIMIT ON THE RANGE	.5000
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	.5000
50TH PERCENTILE OR MEDIAN	.5000
75TH PERCENTILE OR 3RD QUARTILE	.5000
80TH PERCENTILE	.5000
90TH PERCENTILE	.5000
95TH PERCENTILE	.5000
98TH PERCENTILE	.5000
99TH PERCENTILE	.5000
MAXIMUM VALUE	.5000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AS LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	5
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	5
50 PPB *					*			ARITHMETIC MEAN	1.0000
100 PPB *					*			VARIANCE	.5000
200 PPB *					*			STANDARD DEVIATION	.7071
500 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	3	60.00	60.00	60.00
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	2	40.00	100.00	100.00
2 PPM *					*			COEFFICIENT OF VARIANCE, %	70.7107
5 PPM *					*			STANDARD ERROR OF THE MEAN	.3162
10 PPM *					*			LOWER 95% LIMIT ON THE MEAN	.1870
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	1.8130
50 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-.8180
					*			UPPER 95% LIMIT ON THE RANGE	2.8180
**	*	*	*	*	*			GEOMETRIC MEAN	.8219
0	20	40	60	80	100			LOG10 MEAN	-.0852
								LOG10 VARIANCE	.0893
								LOG10 STANDARD DEVIATION	.2988
								STANDARD ERROR ON THE MEAN	.1336
								LOWER 95% LIMIT ON THE MEAN	.3726
								UPPER 95% LIMIT ON THE MEAN	1.8130
								LOWER 95% LIMIT ON THE RANGE	.1401
								UPPER 95% LIMIT ON THE RANGE	4.8205
								MINIMUM VALUE	.5000
								25TH PERCENTILE OR 1ST QUARTILE	.5000
								50TH PERCENTILE OR MEDIAN	.5000
								75TH PERCENTILE OR 3RD QUARTILE	2.0000
								80TH PERCENTILE	2.0000
								90TH PERCENTILE	2.0000
								95TH PERCENTILE	2.0000
								98TH PERCENTILE	2.0000
								99TH PERCENTILE	2.0000
								MAXIMUM VALUE	2.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 AS LKSD PPM AEXV

HISTOGRAM						SUMMARY STATISTICS				
**	*	*	*	*	*	N	%	CUM %		
10 PPB *					*				TOTAL NUMBER OF SAMPLES	13
20 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *					*				NUMBER OF NON-ZERO SAMPLES	13
100 PPB *					*				ARITHMETIC MEAN	1.9231
200 PPB *					*				VARIANCE	10.2853
500 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	8	61.54	61.54	STANDARD DEVIATION	3.2071
1 PPM *	XXXX				*	1	7.69	69.23	SKEW	2.6518
2 PPM *	XXXX				*	1	7.69	76.92	EXCESS KURTOSIS	5.8442
5 PPM *	XXXXXXXX				*	2	15.38	92.31	COEFFICIENT OF VARIANCE. %	166.7673
10 PPM *					*				STANDARD ERROR OF THE MEAN	.8895
20 PPM *	XXXX				*	1	7.69	100.00	LOWER 95% LIMIT ON THE MEAN	.0018
50 PPM *					*				UPPER 95% LIMIT ON THE MEAN	3.8444
100 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-5.0042
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	8.8503
500 PPM *					*				GEOMETRIC MEAN	.9733
					*				LOG10 MEAN	-1.0118
					*				LOG10 VARIANCE	.2033
					*				LOG10 STANDARD DEVIATION	.4509
					*				STANDARD ERROR ON THE MEAN	.1251
					*				LOWER 95% LIMIT ON THE MEAN	.5225
					*				UPPER 95% LIMIT ON THE MEAN	1.8128
					*				LOWER 95% LIMIT ON THE RANGE	.1033
					*				UPPER 95% LIMIT ON THE RANGE	9.1655
					*				MINIMUM VALUE	.5000
					*				25TH PERCENTILE OR 1ST QUARTILE	.5000
					*				50TH PERCENTILE OR MEDIAN	.5000
					*				75TH PERCENTILE OR 3RD QUARTILE	2.5000
					*				80TH PERCENTILE	2.5000
					*				90TH PERCENTILE	12.0000
					*				95TH PERCENTILE	12.0000
					*				98TH PERCENTILE	12.0000
					*				99TH PERCENTILE	12.0000
					*				MAXIMUM VALUE	12.0000

PERCENT

VARIABLE NAME AS LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET BEXV	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
10 PPB *						TOTAL NUMBER OF SAMPLES	58
20 PPB *						NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *						NUMBER OF NON-ZERO SAMPLES	58
100 PPB *						ARITHMETIC MEAN	.9828
200 PPB *						VARIANCE	2.9909
500 PPB *	XX		45	77.59	77.59	STANDARD DEVIATION	1.7294
1 PPM *	XXXXXXXXXX		10	17.24	94.83	SKEW	4.1836
2 PPM *						EXCESS KURTOSIS	16.4147
5 PPM *						COEFFICIENT OF VARIANCE, %	175.9770
10 PPM *	XXX		3	5.17	100.00	STANDARD ERROR OF THE MEAN	.2271
20 PPM *						LOWER 95% LIMIT ON THE MEAN	.5282
50 PPM *						UPPER 95% LIMIT ON THE MEAN	1.4373
100 PPM *						LOWER 95% LIMIT ON THE RANGE	-2.4789
200 PPM *						UPPER 95% LIMIT ON THE RANGE	4.4444
500 PPM *						GEOMETRIC MEAN	.6506
						LOG10 MEAN	-.1867
						LOG10 VARIANCE	.0796
						LOG10 STANDARD DEVIATION	.2821
						STANDARD ERROR ON THE MEAN	.0370
						LOWER 95% LIMIT ON THE MEAN	.5485
						UPPER 95% LIMIT ON THE MEAN	.7718
						LOWER 95% LIMIT ON THE RANGE	.1773
						UPPER 95% LIMIT ON THE RANGE	2.3881
						MINIMUM VALUE	.5000
						25TH PERCENTILE OR 1ST QUARTILE	.5000
						50TH PERCENTILE OR MEDIAN	.5000
						75TH PERCENTILE OR 3RD QUARTILE	.5000
						80TH PERCENTILE	1.0000
						90TH PERCENTILE	1.0000
						95TH PERCENTILE	7.0000
						98TH PERCENTILE	10.0000
						99TH PERCENTILE	10.0000
						MAXIMUM VALUE	10.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	AS LKSD	PPM	24	.917	1.34	146.2	4.15	16.27	.352	1.48	.664	-.1780	.2699	.511	.862
DIBS	AS LKSD	PPM	16	.844	1.38	163.0	3.61	11.07	.115	1.57	.584	-.2336	.2698	.420	.812
GRNT	AS LKSD	PPM	383	.811	1.27	157.0	7.52	75.47	.783	.939	.611	-.2140	.2374	.578	.645
GRNG	AS LKSD	PPM	228	.993	2.14	215.7	11.20	145.95	.714	1.27	.681	-.1668	.2785	.626	.741
GRDR	AS LKSD	PPM	37	1.46	3.44	235.8	4.31	17.98	.313	2.61	.724	-.1401	.3645	.548	.958
QZFP	AS LKSD	PPM	7	.643	.378	58.8	2.04	2.17	.305	.981	.585	-.2329	.1803	.404	.843
MGMT	AS LKSD	PPM	79	.861	.780	90.6	3.18	11.33	.786	1.04	.698	-.1559	.2441	.616	.792
UMFC	AS LKSD	PPM	3	2.00	2.60	129.9	.71	-1.50	-2.77	6.77	1.08	.0323	.5774	.937E-01	12.4
CGLM	AS LKSD	PPM	1	.500	.100E-05	.0	.00	.00	.500	.500	.500	-.3010	.0000	.500	.500
GRCK	AS LKSD	PPM	56	.929	1.20	129.6	3.48	11.95	.706	1.25	.669	-.1743	.2815	.563	.796
SCST	AS LKSD	PPM	1	.500	.100E-05	.0	.00	.00	.500	.500	.500	-.3010	.0000	.500	.500
GRSC	AS LKSD	PPM	5	1.00	.707	70.7	.59	-1.44	.187	1.81	.822	-.0852	.2988	.373	1.81
AEXV	AS LKSD	PPM	13	1.92	3.21	166.8	2.65	5.84	.180E-02	3.84	.973	-.0118	.4509	.523	1.81
BEXV	AS LKSD	PPM	58	.983	1.73	176.0	4.18	16.41	.528	1.44	.651	-.1867	.2821	.549	.772

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	AS LKSD	PPM	24	.500	.500	.500	1.000	1.000	2.000	7.000	7.000	7.000	7.000	7.000
DIBS	AS LKSD	PPM	16	.500	.500	.500	.500	.500	.500	6.000	6.000	6.000	6.000	6.000
GRNT	AS LKSD	PPM	383	.500	.500	.500	.500	.500	1.000	2.000	5.000	7.000	17.000	17.000
GRNG	AS LKSD	PPM	228	.500	.500	.500	.500	1.000	2.000	3.000	5.000	6.000	30.000	30.000
GRDR	AS LKSD	PPM	37	.500	.500	.500	1.000	1.000	1.500	11.000	19.000	19.000	19.000	19.000
QZFP	AS LKSD	PPM	7	.500	.500	.500	.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
MGMT	AS LKSD	PPM	79	.500	.500	.500	1.000	1.000	1.500	2.500	3.500	5.000	5.000	5.000
UMFC	AS LKSD	PPM	3	.500	.500	.500	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
CGLM	AS LKSD	PPM	1	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500
GRCK	AS LKSD	PPM	56	.500	.500	.500	.500	1.000	2.000	3.500	6.500	6.500	6.500	6.500
SCST	AS LKSD	PPM	1	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500
GRSC	AS LKSD	PPM	5	.500	.500	.500	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
AEXV	AS LKSD	PPM	13	.500	.500	.500	2.500	2.500	12.000	12.000	12.000	12.000	12.000	12.000
BEXV	AS LKSD	PPM	58	.500	.500	.500	.500	1.000	1.000	7.000	10.000	10.000	10.000	10.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM AKRK

HISTOGRAM							SUMMARY STATISTICS			
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	24	
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	24	
50 PPB *					*			ARITHMETIC MEAN	3.0833	
100 PPB *					*			VARIANCE	2.1667	
200 PPB *					*			STANDARD DEVIATION	1.4720	
500 PPB *					*			SKEW	1.0239	
					*			EXCESS KURTOSIS	.7054	
1 PPM *	XXXX				*	2	8.33	8.33	COEFFICIENT OF VARIANCE, %	47.7392
2 PPM *	XXXXXXXXXXXXXXXXXX				*	7	29.17	37.50	STANDARD ERROR OF THE MEAN	.3005
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	13	54.17	91.67	LOWER 95% LIMIT ON THE MEAN	2.4632
10 PPM *	XXXX				*	2	8.33	100.00	UPPER 95% LIMIT ON THE MEAN	3.7035
20 PPM *					*				LOWER 95% LIMIT ON THE RANGE	.0452
50 PPM *					*				UPPER 95% LIMIT ON THE RANGE	6.1215
**	*	*	*	*	*				GEOMETRIC MEAN	2.7719
0	20	40	60	80	100				LOG10 MEAN	.4428
									LOG10 VARIANCE	.0435
									LOG10 STANDARD DEVIATION	.2085
									STANDARD ERROR ON THE MEAN	.0426
									LOWER 95% LIMIT ON THE MEAN	2.2643
									UPPER 95% LIMIT ON THE MEAN	3.3932
									LOWER 95% LIMIT ON THE RANGE	1.0291
									UPPER 95% LIMIT ON THE RANGE	7.4660
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	2.0000
									50TH PERCENTILE OR MEDIAN	3.0000
									75TH PERCENTILE OR 3RD QUARTILE	4.0000
									80TH PERCENTILE	4.0000
									90TH PERCENTILE	6.0000
									95TH PERCENTILE	7.0000
									98TH PERCENTILE	7.0000
									99TH PERCENTILE	7.0000
									MAXIMUM VALUE	7.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM DIBS

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16	
					*			NUMBER OF ZERO VALUE SAMPLES	0	
10 PPB *					*			NUMBER OF NON-ZERO SAMPLES	16	
20 PPB *					*			ARITHMETIC MEAN	1.3750	
50 PPB *					*			VARIANCE	.5167	
100 PPB *					*			STANDARD DEVIATION	.7188	
200 PPB *					*			SKEW	1.5643	
500 PPB *					*			EXCESS KURTOSIS	.8595	
	XX				*	12	75.00	75.00	COEFFICIENT OF VARIANCE. %	52.2760
1 PPM *	XXXXXX				*	2	12.50	87.50	STANDARD ERROR OF THE MEAN	.1797
2 PPM *	XXXXXX				*	2	12.50	100.00	LOWER 95% LIMIT ON THE MEAN	.9940
5 PPM *					*				UPPER 95% LIMIT ON THE MEAN	1.7560
10 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-.1488
20 PPM *					*				UPPER 95% LIMIT ON THE RANGE	2.8988
50 PPM *					*				GEOMETRIC MEAN	1.2510
					*				LOG10 MEAN	.0973
**	*	*	*	*	*				LOG10 VARIANCE	.0323
0	20	40	60	80	100				LOG10 STANDARD DEVIATION	.1798
									STANDARD ERROR ON THE MEAN	.0450
									LOWER 95% LIMIT ON THE MEAN	1.0045
									UPPER 95% LIMIT ON THE MEAN	1.5581
									LOWER 95% LIMIT ON THE RANGE	.5200
									UPPER 95% LIMIT ON THE RANGE	3.0098
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	1.0000
									50TH PERCENTILE OR MEDIAN	1.0000
									75TH PERCENTILE OR 3RD QUARTILE	2.0000
									80TH PERCENTILE	2.0000
									90TH PERCENTILE	3.0000
									95TH PERCENTILE	3.0000
									98TH PERCENTILE	3.0000
									99TH PERCENTILE	3.0000
									MAXIMUM VALUE	3.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM GRNT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
					*			NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *					*			NUMBER OF NON-ZERO SAMPLES	384
20 PPB *					*			ARITHMETIC MEAN	2.4688
50 PPB *					*			VARIANCE	3.6283
100 PPB *					*			STANDARD DEVIATION	1.9048
200 PPB *					*			SKEW	1.9127
500 PPB *					*			EXCESS KURTOSIS	4.0909
	XXXXXXXXXXXXXXXXXXXXX				*	149	38.80	COEFFICIENT OF VARIANCE, %	77.1565
1 PPM *					*	108	28.13	STANDARD ERROR OF THE MEAN	.0972
2 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	93	24.22	LOWER 95% LIMIT ON THE MEAN	2.2776
5 PPM *	XXXXXXXXXXXXXXX				*	32	8.33	UPPER 95% LIMIT ON THE MEAN	2.6599
10 PPM *	XXXXX				*	2	.52	LOWER 95% LIMIT ON THE RANGE	-1.2767
20 PPM *	I				*			UPPER 95% LIMIT ON THE RANGE	6.2142
50 PPM *					*			GEOMETRIC MEAN	1.9638
100 PPM *					*			LOG10 MEAN	.2931
200 PPM *					*			LOG10 VARIANCE	.0795
500 PPM *					*			LOG10 STANDARD DEVIATION	.2820
**	*	*	*	*	*			STANDARD ERROR ON THE MEAN	.0144
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	1.8399
								UPPER 95% LIMIT ON THE MEAN	2.0960
								LOWER 95% LIMIT ON THE RANGE	.5478
								UPPER 95% LIMIT ON THE RANGE	7.0395
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	1.0000
								50TH PERCENTILE OR MEDIAN	2.0000
								75TH PERCENTILE OR 3RD QUARTILE	3.0000
								80TH PERCENTILE	4.0000
								90TH PERCENTILE	5.0000
								95TH PERCENTILE	6.0000
								98TH PERCENTILE	8.0000
								99TH PERCENTILE	9.0000
								MAXIMUM VALUE	12.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM GRNG

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	230
				NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *				NUMBER OF NON-ZERO SAMPLES	230
20 PPB *				ARITHMETIC MEAN	2.0913
50 PPB *				VARIANCE	1.7602
100 PPB *				STANDARD DEVIATION	1.3267
200 PPB *				SKEW	1.9685
500 PPB *				EXCESS KURTOSIS	6.0728
XXXXXXXXXXXXXXXXXXXXXX				COEFFICIENT OF VARIANCE. %	63.4398
1 PPM *	94	40.87	40.87	STANDARD ERROR OF THE MEAN	.0875
XXXXXXXXXXXXXXXXXXXXXX				LOWER 95% LIMIT ON THE MEAN	1.9189
2 PPM *	71	30.87	71.74	UPPER 95% LIMIT ON THE MEAN	2.2637
XXXXXXXXXXXXXXXXX				LOWER 95% LIMIT ON THE RANGE	-.5234
5 PPM *	58	25.22	96.96	UPPER 95% LIMIT ON THE RANGE	4.7060
XX					
10 PPM *	7	3.04	100.00		
20 PPM *				GEOMETRIC MEAN	1.7803
50 PPM *				LOG10 MEAN	.2505
100 PPM *				LOG10 VARIANCE	.0573
200 PPM *				LOG10 STANDARD DEVIATION	.2395
500 PPM *				STANDARD ERROR ON THE MEAN	.0158
				LOWER 95% LIMIT ON THE MEAN	1.6572
				UPPER 95% LIMIT ON THE MEAN	1.9125
				LOWER 95% LIMIT ON THE RANGE	.6006
				UPPER 95% LIMIT ON THE RANGE	5.2774
** * * * *					
0 20 40 60 80 100					
				MINIMUM VALUE	1.0000
				25TH PERCENTILE OR 1ST QUARTILE	1.0000
				50TH PERCENTILE OR MEDIAN	2.0000
				75TH PERCENTILE OR 3RD QUARTILE	3.0000
				80TH PERCENTILE	3.0000
				90TH PERCENTILE	4.0000
				95TH PERCENTILE	5.0000
				98TH PERCENTILE	6.0000
				99TH PERCENTILE	7.0000
				MAXIMUM VALUE	10.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM GRDR

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	37
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	37
50 PPB *					*			ARITHMETIC MEAN	1.6757
100 PPB *					*			VARIANCE	.7808
200 PPB *					*			STANDARD DEVIATION	.8836
500 PPB *					*			SKEW	1.1678
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	20	54.05	EXCESS KURTOSIS	.5109
2 PPM *	XXXXXXXXXXXXXXXXXXXX				*	11	29.73	COEFFICIENT OF VARIANCE. %	52.7320
5 PPM *	XXXXXXX				*	6	16.22	STANDARD ERROR OF THE MEAN	.1453
10 PPM *					*			LOWER 95% LIMIT ON THE MEAN	1.3812
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	1.9702
50 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-1.1157
					*			UPPER 95% LIMIT ON THE RANGE	3.4670
**	*	*	*	*	*			GEOMETRIC MEAN	1.4915
0	20	40	60	80	100			LOG10 MEAN	.1736
								LOG10 VARIANCE	.0421
								LOG10 STANDARD DEVIATION	.2053
								STANDARD ERROR ON THE MEAN	.0337
								LOWER 95% LIMIT ON THE MEAN	1.2741
								UPPER 95% LIMIT ON THE MEAN	1.7460
								LOWER 95% LIMIT ON THE RANGE	.5721
								UPPER 95% LIMIT ON THE RANGE	3.8885
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	1.0000
								50TH PERCENTILE OR MEDIAN	1.0000
								75TH PERCENTILE OR 3RD QUARTILE	2.0000
								80TH PERCENTILE	2.0000
								90TH PERCENTILE	3.0000
								95TH PERCENTILE	4.0000
								98TH PERCENTILE	4.0000
								99TH PERCENTILE	4.0000
								MAXIMUM VALUE	4.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7	
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	7	
50 PPB *					*			ARITHMETIC MEAN	1.7143	
100 PPB *					*			VARIANCE	.5714	
200 PPB *					*			STANDARD DEVIATION	.7559	
500 PPB *					*			SKEW	.4593	
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	42.86	EXCESS KURTOSIS	-.8958
2 PPM *	XXXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	85.71	COEFFICIENT OF VARIANCE, %	44.0959
5 PPM *	XXXXXXX				*	1	14.29	100.00	STANDARD ERROR OF THE MEAN	.2857
10 PPM *					*			LOWER 95% LIMIT ON THE MEAN	1.0386	
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	2.3900	
50 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-.0735	
					*			UPPER 95% LIMIT ON THE RANGE	3.5021	
**	*	*	*	*	*			GEOMETRIC MEAN	1.5746	
0	20	40	60	80	100			LOG10 MEAN	.1972	
								LOG10 VARIANCE	.0379	
								LOG10 STANDARD DEVIATION	.1947	
								STANDARD ERROR ON THE MEAN	.0736	
								LOWER 95% LIMIT ON THE MEAN	1.0548	
								UPPER 95% LIMIT ON THE MEAN	2.3506	
								LOWER 95% LIMIT ON THE RANGE	.5455	
								UPPER 95% LIMIT ON THE RANGE	4.5452	
								MINIMUM VALUE	1.0000	
								25TH PERCENTILE OR 1ST QUARTILE	1.0000	
								50TH PERCENTILE OR MEDIAN	2.0000	
								75TH PERCENTILE OR 3RD QUARTILE	2.0000	
								80TH PERCENTILE	3.0000	
								90TH PERCENTILE	3.0000	
								95TH PERCENTILE	3.0000	
								98TH PERCENTILE	3.0000	
								99TH PERCENTILE	3.0000	
								MAXIMUM VALUE	3.0000	

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		
MO	LKSD	PPM	MGMT		
HISTOGRAM					
**	*	*	*	*	
10 PPB *				*	
20 PPB *				*	
50 PPB *				*	
100 PPB *				*	
200 PPB *				*	
500 PPB *				*	
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		39	49.37 49.37	
2 PPM *	XXXXXXXXXXXXXX		19	24.05 73.42	
5 PPM *	XXXXXXXXXXXXX		18	22.78 96.20	
10 PPM *	XX		3	3.80 100.00	
20 PPM *				*	
50 PPM *				*	
**	*	*	*	*	
0	20	40	60	80	
PERCENT					
N % CUM %					
SUMMARY STATISTICS					
				TOTAL NUMBER OF SAMPLES	79
				NUMBER OF ZERO VALUE SAMPLES	0
				NUMBER OF NON-ZERO SAMPLES	79
				ARITHMETIC MEAN	2.0380
				VARIANCE	2.0883
				STANDARD DEVIATION	1.4451
				SKEW	1.8931
				EXCESS KURTOSIS	3.9993
				COEFFICIENT OF VARIANCE. %	70.9081
				STANDARD ERROR OF THE MEAN	.1626
				LOWER 95% LIMIT ON THE MEAN	1.7143
				UPPER 95% LIMIT ON THE MEAN	2.3616
				LOWER 95% LIMIT ON THE RANGE	-.8388
				UPPER 95% LIMIT ON THE RANGE	4.9147
				GEOMETRIC MEAN	1.6864
				LOG10 MEAN	.2270
				LOG10 VARIANCE	.0653
				LOG10 STANDARD DEVIATION	.2554
				STANDARD ERROR ON THE MEAN	.0287
				LOWER 95% LIMIT ON THE MEAN	1.4783
				UPPER 95% LIMIT ON THE MEAN	1.9239
				LOWER 95% LIMIT ON THE RANGE	.5229
				UPPER 95% LIMIT ON THE RANGE	5.4386
				MINIMUM VALUE	1.0000
				25TH PERCENTILE OR 1ST QUARTILE	1.0000
				50TH PERCENTILE OR MEDIAN	2.0000
				75TH PERCENTILE OR 3RD QUARTILE	3.0000
				80TH PERCENTILE	3.0000
				90TH PERCENTILE	4.0000
				95TH PERCENTILE	5.0000
				98TH PERCENTILE	7.0000
				99TH PERCENTILE	8.0000
				MAXIMUM VALUE	8.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM UMFC

HISTOGRAM						SUMMARY STATISTICS				
**	*	*	*	*	*	N	%	CUM %		
10 PPB *					*				TOTAL NUMBER OF SAMPLES	3
20 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *					*				NUMBER OF NON-ZERO SAMPLES	3
100 PPB *					*				ARITHMETIC MEAN	7.3333
200 PPB *					*				VARIANCE	50.3333
500 PPB *					*				STANDARD DEVIATION	7.0946
1 PPM *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	33.33	SKEW	.3331
2 PPM *					*				EXCESS KURTOSIS	-1.5000
5 PPM *					*				COEFFICIENT OF VARIANCE, %	96.7445
10 PPM *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	66.67	STANDARD ERROR OF THE MEAN	4.0961
20 PPM *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	100.00	LOWER 95% LIMIT ON THE MEAN	-5.7004
50 PPM *					*				UPPER 95% LIMIT ON THE MEAN	20.3670
100 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-15.2417
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	29.9083
500 PPM *					*				GEOMETRIC MEAN	4.4814
					*				LOG10 MEAN	.6514
					*				LOG10 VARIANCE	.3578
					*				LOG10 STANDARD DEVIATION	.5982
					*				STANDARD ERROR ON THE MEAN	.3454
					*				LOWER 95% LIMIT ON THE MEAN	.3568
					*				UPPER 95% LIMIT ON THE MEAN	56.2842
					*				LOWER 95% LIMIT ON THE RANGE	.0560
					*				UPPER 95% LIMIT ON THE RANGE	358.8307
					*				MINIMUM VALUE	1.0000
					*				25TH PERCENTILE OR 1ST QUARTILE	6.0000
					*				50TH PERCENTILE OR MEDIAN	6.0000
					*				75TH PERCENTILE OR 3RD QUARTILE	15.0000
					*				80TH PERCENTILE	15.0000
					*				90TH PERCENTILE	15.0000
					*				95TH PERCENTILE	15.0000
					*				98TH PERCENTILE	15.0000
					*				99TH PERCENTILE	15.0000
					*				MAXIMUM VALUE	15.0000

PERCENT

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MO LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	1.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.0000
UPPER 95% LIMIT ON THE MEAN	1.0000
LOWER 95% LIMIT ON THE RANGE	1.0000
UPPER 95% LIMIT ON THE RANGE	1.0000
GEOMETRIC MEAN	1.0000
LOG10 MEAN	0.0000
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.0000
UPPER 95% LIMIT ON THE MEAN	1.0000
LOWER 95% LIMIT ON THE RANGE	1.0000
UPPER 95% LIMIT ON THE RANGE	1.0000
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	1.0000
75TH PERCENTILE OR 3RD QUARTILE	1.0000
80TH PERCENTILE	1.0000
90TH PERCENTILE	1.0000
95TH PERCENTILE	1.0000
98TH PERCENTILE	1.0000
99TH PERCENTILE	1.0000
MAXIMUM VALUE	1.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM GRCK

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	57
10 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*				NUMBER OF NON-ZERO SAMPLES	57
50 PPB *					*				ARITHMETIC MEAN	1.8070
100 PPB *					*				VARIANCE	2.6585
200 PPB *					*				STANDARD DEVIATION	1.6305
500 PPB *					*				SKEW	4.5535
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	32	56.14	56.14	EXCESS KURTOSIS	25.1533
2 PPM *	XXXXXXXXXXXXXXXXXXXX				*	16	28.07	84.21	COEFFICIENT OF VARIANCE, %	90.2314
5 PPM *	XXXXXXX				*	8	14.04	98.25	STANDARD ERROR OF THE MEAN	.2160
10 PPM *					*				LOWER 95% LIMIT ON THE MEAN	1.3746
20 PPM *	X				*	1	1.75	100.00	UPPER 95% LIMIT ON THE MEAN	2.2395
50 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-1.4579
100 PPM *					*				UPPER 95% LIMIT ON THE RANGE	5.0719
200 PPM *					*				GEOMETRIC MEAN	1.5013
500 PPM *					*				LOG10 MEAN	.1765
					*				LOG10 VARIANCE	.0546
					*				LOG10 STANDARD DEVIATION	.2336
					*				STANDARD ERROR ON THE MEAN	.0309
					*				LOWER 95% LIMIT ON THE MEAN	1.3017
					*				UPPER 95% LIMIT ON THE MEAN	1.7316
					*				LOWER 95% LIMIT ON THE RANGE	.5113
					*				UPPER 95% LIMIT ON THE RANGE	4.4082
**	*	*	*	*	*				MINIMUM VALUE	1.0000
0	20	40	60	80	100				25TH PERCENTILE OR 1ST QUARTILE	1.0000
									50TH PERCENTILE OR MEDIAN	1.0000
									75TH PERCENTILE OR 3RD QUARTILE	2.0000
									80TH PERCENTILE	2.0000
									90TH PERCENTILE	3.0000
									95TH PERCENTILE	4.0000
									98TH PERCENTILE	12.0000
									99TH PERCENTILE	12.0000
									MAXIMUM VALUE	12.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MO LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	2.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
GEOMETRIC MEAN	2.0000
LOG10 MEAN	.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	2.0000
95TH PERCENTILE	2.0000
98TH PERCENTILE	2.0000
99TH PERCENTILE	2.0000
MAXIMUM VALUE	2.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM GRSC

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	5
10 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*				NUMBER OF NON-ZERO SAMPLES	5
50 PPB *					*				ARITHMETIC MEAN	2.2000
100 PPB *					*				VARIANCE	2.7000
200 PPB *					*				STANDARD DEVIATION	1.6432
500 PPB *					*				SKEW	1.1643
1 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	2	40.00	40.00	EXCESS KURTOSIS	-.1872
2 PPM *	XXXXXXXXXXXXXXXXXXXXX				*	2	40.00	80.00	COEFFICIENT OF VARIANCE, %	74.6894
5 PPM *	XXXXXXXXXX				*	1	20.00	100.00	STANDARD ERROR OF THE MEAN	.7348
10 PPM *					*				LOWER 95% LIMIT ON THE MEAN	.3107
20 PPM *					*				UPPER 95% LIMIT ON THE MEAN	4.0893
50 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-2.0246
					*				UPPER 95% LIMIT ON THE RANGE	6.4246
**	*	*	*	*	*				GEOMETRIC MEAN	1.8206
0	20	40	60	80	100				LOG10 MEAN	.2602
									LOG10 VARIANCE	.0828
									LOG10 STANDARD DEVIATION	.2878
									STANDARD ERROR ON THE MEAN	.1287
									LOWER 95% LIMIT ON THE MEAN	-.8498
									UPPER 95% LIMIT ON THE MEAN	3.9002
									LOWER 95% LIMIT ON THE RANGE	.3314
									UPPER 95% LIMIT ON THE RANGE	10.0018
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	1.0000
									50TH PERCENTILE OR MEDIAN	2.0000
									75TH PERCENTILE OR 3RD QUARTILE	5.0000
									80TH PERCENTILE	5.0000
									90TH PERCENTILE	5.0000
									95TH PERCENTILE	5.0000
									98TH PERCENTILE	5.0000
									99TH PERCENTILE	5.0000
									MAXIMUM VALUE	5.0000

VARIABLE NAME MO LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET AEXV	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
100 PPB *						TOTAL NUMBER OF SAMPLES	13
200 PPB *						NUMBER OF ZERO VALUE SAMPLES	0
500 PPB *						NUMBER OF NON-ZERO SAMPLES	13
1 PPM *						ARITHMETIC MEAN	3.8462
2 PPM *	XXXXXXXXXXXXXXXXXX		4	30.77	30.77	VARIANCE	2.6410
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		7	53.85	84.62	STANDARD DEVIATION	1.6251
10 PPM *	XXXXXXXXXX		2	15.38	100.00	SKEW	.3774
20 PPM *						EXCESS KURTOSIS	-.7869
50 PPM *						COEFFICIENT OF VARIANCE, %	42.2532
	**					STANDARD ERROR OF THE MEAN	.4507
	0					LOWER 95% LIMIT ON THE MEAN	2.8726
	20					UPPER 95% LIMIT ON THE MEAN	4.8197
	40					LOWER 95% LIMIT ON THE RANGE	.3359
	60					UPPER 95% LIMIT ON THE RANGE	7.3564
	80					GEOMETRIC MEAN	3.5235
	100					LOG10 MEAN	.5470
						LOG10 VARIANCE	.0373
						LOG10 STANDARD DEVIATION	.1931
						STANDARD ERROR ON THE MEAN	.0536
						LOWER 95% LIMIT ON THE MEAN	2.6995
						UPPER 95% LIMIT ON THE MEAN	4.5990
						LOWER 95% LIMIT ON THE RANGE	1.3485
						UPPER 95% LIMIT ON THE RANGE	9.2064
						MINIMUM VALUE	2.0000
						25TH PERCENTILE OR 1ST QUARTILE	2.0000
						50TH PERCENTILE OR MEDIAN	4.0000
						75TH PERCENTILE OR 3RD QUARTILE	5.0000
						80TH PERCENTILE	5.0000
						90TH PERCENTILE	7.0000
						95TH PERCENTILE	7.0000
						98TH PERCENTILE	7.0000
						99TH PERCENTILE	7.0000
						MAXIMUM VALUE	7.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 MO LKSD PPM BEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	58
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	58
50 PPB *					*			ARITHMETIC MEAN	2.5862
100 PPB *					*			VARIANCE	5.6854
200 PPB *					*			STANDARD DEVIATION	2.3844
500 PPB *					*			SKEW	3.2171
1 PPM *	XXXXXXXXXXXXXXXXXXXX				*	20	34.48	EXCESS KURTOSIS	12.4340
2 PPM *	XXXXXXXXXXXXXXXXXXXX				*	18	31.03	COEFFICIENT OF VARIANCE, %	92.1973
5 PPM *	XXXXXXXXXXXXXXXXXXXX				*	16	27.59	STANDARD ERROR OF THE MEAN	.3131
10 PPM *	XXX				*	3	5.17	LOWER 95% LIMIT ON THE MEAN	1.9595
20 PPM *	X				*	1	1.72	UPPER 95% LIMIT ON THE MEAN	3.2129
50 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-2.1864
100 PPM *					*			UPPER 95% LIMIT ON THE RANGE	7.3588
200 PPM *					*			GEOMETRIC MEAN	2.0237
500 PPM *					*			LOG10 MEAN	.3061
**	*	*	*	*	*			LOG10 VARIANCE	.0803
0	20	40	60	80	100			LOG10 STANDARD DEVIATION	.2834
								STANDARD ERROR ON THE MEAN	.0372
								LOWER 95% LIMIT ON THE MEAN	1.7048
								UPPER 95% LIMIT ON THE MEAN	2.4023
								LOWER 95% LIMIT ON THE RANGE	.5482
								UPPER 95% LIMIT ON THE RANGE	7.4701
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	1.0000
								50TH PERCENTILE OR MEDIAN	2.0000
								75TH PERCENTILE OR 3RD QUARTILE	3.0000
								80TH PERCENTILE	3.0000
								90TH PERCENTILE	4.0000
								95TH PERCENTILE	8.0000
								98TH PERCENTILE	15.0000
								99TH PERCENTILE	15.0000
								MAXIMUM VALUE	15.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	MO LKSD	PPM	24	3.08	1.47	47.7	1.02	.71	2.46	3.70	2.77	.4428	.2085	2.26	3.39
DIBS	MO LKSD	PPM	16	1.38	.719	52.3	1.56	.86	.994	1.76	1.25	.0973	.1798	1.00	1.56
GRNT	MO LKSD	PPM	384	2.47	1.90	77.2	1.91	4.09	2.28	2.66	1.96	.2931	.2820	1.84	2.10
GRNG	MO LKSD	PPM	230	2.09	1.33	63.4	1.97	6.07	1.92	2.26	1.78	.2505	.2395	1.66	1.91
GRDR	MO LKSD	PPM	37	1.68	.884	52.7	1.17	.51	1.38	1.97	1.49	.1736	.2053	1.27	1.75
QZFP	MO LKSD	PPM	7	1.71	.756	44.1	.46	-.90	1.04	2.39	1.57	.1972	.1947	1.05	2.35
MGMT	MO LKSD	PPM	79	2.04	1.45	70.9	1.88	4.00	1.71	2.36	1.69	.2270	.2554	1.48	1.92
UMFC	MO LKSD	PPM	3	7.33	7.09	96.7	.33	-1.50	-5.70	20.4	4.48	.6514	.5982	.357	56.3
CGLM	MO LKSD	PPM	1	1.00	.100E-05	.0	.00	.00	1.00	1.00	1.00	0.0000	.0000	1.00	1.00
GRCK	MO LKSD	PPM	57	1.81	1.63	90.2	4.55	25.15	1.37	2.24	1.50	.1765	.2336	1.30	1.73
SCST	MO LKSD	PPM	1	2.00	.100E-05	.0	.00	.00	2.00	2.00	2.00	.3010	.0000	2.00	2.00
GRSC	MO LKSD	PPM	5	2.20	1.64	74.7	1.16	-.19	.311	4.09	1.82	.2602	.2878	.850	3.90
AEXV	MO LKSD	PPM	13	3.85	1.63	42.3	.38	-.79	2.87	4.82	3.52	.5470	.1931	2.70	4.60
BEXV	MO LKSD	PPM	58	2.59	2.38	92.2	3.22	12.43	1.96	3.21	2.02	.3061	.2834	1.70	2.40

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	MO LKSD	PPM	24	1.000	2.000	3.000	4.000	4.000	6.000	7.000	7.000	7.000	7.000	7.000
DIBS	MO LKSD	PPM	16	1.000	1.000	1.000	2.000	2.000	3.000	3.000	3.000	3.000	3.000	3.000
GRNT	MO LKSD	PPM	384	1.000	1.000	2.000	3.000	4.000	5.000	6.000	8.000	9.000	12.000	12.000
GRNG	MO LKSD	PPM	230	1.000	1.000	2.000	3.000	3.000	4.000	5.000	6.000	7.000	10.000	10.000
GRDR	MO LKSD	PPM	37	1.000	1.000	1.000	2.000	2.000	3.000	4.000	4.000	4.000	4.000	4.000
QZFP	MO LKSD	PPM	7	1.000	1.000	2.000	2.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
MGMT	MO LKSD	PPM	79	1.000	1.000	2.000	3.000	3.000	4.000	5.000	7.000	8.000	8.000	8.000
UMFC	MO LKSD	PPM	3	1.000	6.000	6.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
CGLM	MO LKSD	PPM	1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
GRCK	MO LKSD	PPM	57	1.000	1.000	1.000	2.000	2.000	3.000	4.000	12.000	12.000	12.000	12.000
SCST	MO LKSD	PPM	1	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
GRSC	MO LKSD	PPM	5	1.000	1.000	2.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
AEXV	MO LKSD	PPM	13	2.000	2.000	4.000	5.000	5.000	7.000	7.000	7.000	7.000	7.000	7.000
BEXV	MO LKSD	PPM	58	1.000	1.000	2.000	3.000	3.000	4.000	8.000	15.000	15.000	15.000	15.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT AKRK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	24
					*			NUMBER OF ZERO VALUE SAMPLES	0
100 PPM	*				*			NUMBER OF NON-ZERO SAMPLES	24
200 PPM	*				*			ARITHMETIC MEAN	1.9979
500 PPM	*				*			VARIANCE	1.5247
1000 PPM	*				*			STANDARD DEVIATION	1.2348
2000 PPM	*				*			SKEW	.5996
5000 PPM	*	XXXX			*	2	8.33	EXCESS KURTOSIS	-.6187
1 PCT	*	XXXXXXXX			*	4	16.67	COEFFICIENT OF VARIANCE, %	61.8031
2 PCT	*	XXXXXXXXXXXXXXXXXX			*	7	29.17	STANDARD ERROR OF THE MEAN	.2520
5 PCT	*	XXXXXXXXXXXXXXXXXXXXXXXXXX			*	11	45.83	LOWER 95% LIMIT ON THE MEAN	1.4777
10 PCT	*				*			UPPER 95% LIMIT ON THE MEAN	2.5191
20 PCT	*				*			LOWER 95% LIMIT ON THE RANGE	-.5507
50 PCT	*				*			UPPER 95% LIMIT ON THE RANGE	4.5465
**	*	*	*	*	*			GEOMETRIC MEAN	1.6228
0	20	40	60	80	100			LOG10 MEAN	.2103
								LOG10 VARIANCE	.0901
								LOG10 STANDARD DEVIATION	.3001
								STANDARD ERROR ON THE MEAN	.0613
								LOWER 95% LIMIT ON THE MEAN	1.2129
								UPPER 95% LIMIT ON THE MEAN	2.1712
								LOWER 95% LIMIT ON THE RANGE	.3898
								UPPER 95% LIMIT ON THE RANGE	6.7554
								MINIMUM VALUE	.4500
								25TH PERCENTILE OR 1ST QUARTILE	1.1000
								50TH PERCENTILE OR MEDIAN	1.9500
								75TH PERCENTILE OR 3RD QUARTILE	3.1000
								80TH PERCENTILE	3.4000
								90TH PERCENTILE	3.7500
								95TH PERCENTILE	4.9000
								98TH PERCENTILE	4.9000
								99TH PERCENTILE	4.9000
								MAXIMUM VALUE	4.9000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT DIBS

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	16
									NUMBER OF ZERO VALUE SAMPLES	0
100 PPM *					*				NUMBER OF NON-ZERO SAMPLES	16
200 PPM *					*					
500 PPM *					*				ARITHMETIC MEAN	.7344
1000 PPM *					*				VARIANCE	.1859
2000 PPM *					*				STANDARD DEVIATION	.4312
5000 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	7	43.75	43.75	SKEW	1.1587
1 PCT *	XXXXXXXXXXXXXXXXXXXX				*	5	31.25	75.00	EXCESS KURTOSIS	.2714
2 PCT *	XXXXXXXXXXXX				*	4	25.00	100.00	COEFFICIENT OF VARIANCE, %	58.7123
5 PCT *					*				STANDARD ERROR OF THE MEAN	.1078
10 PCT *					*				LOWER 95% LIMIT ON THE MEAN	.5059
20 PCT *					*				UPPER 95% LIMIT ON THE MEAN	.9629
50 PCT *					*				LOWER 95% LIMIT ON THE RANGE	-.1797
					*				UPPER 95% LIMIT ON THE RANGE	1.6485
**	*	*	*	*	*				GEOMETRIC MEAN	.6365
0	20	40	60	80	100				LOG10 MEAN	-.1962
									LOG10 VARIANCE	.0556
									LOG10 STANDARD DEVIATION	.2359
									STANDARD ERROR ON THE MEAN	.0590
									LOWER 95% LIMIT ON THE MEAN	.4773
									UPPER 95% LIMIT ON THE MEAN	.8488
									LOWER 95% LIMIT ON THE RANGE	.2013
									UPPER 95% LIMIT ON THE RANGE	2.0130
									MINIMUM VALUE	.2500
									25TH PERCENTILE OR 1ST QUARTILE	.4500
									50TH PERCENTILE OR MEDIAN	.6500
									75TH PERCENTILE OR 3RD QUARTILE	1.1000
									80TH PERCENTILE	1.2000
									90TH PERCENTILE	1.5000
									95TH PERCENTILE	1.7500
									98TH PERCENTILE	1.7500
									99TH PERCENTILE	1.7500
									MAXIMUM VALUE	1.7500

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT GRNT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
100 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPM *					*			NUMBER OF NON-ZERO SAMPLES	384
500 PPM *					*			ARITHMETIC MEAN	1.1962
1000 PPM *					*			VARIANCE	.8499
2000 PPM *	X				*	6	1.56	STANDARD DEVIATION	.9219
5000 PPM *	XXXXXXXX				*	61	15.89	SKEW	3.0250
1 PCT *	XXXXXXXXXXXXXXXXXXXXX				*	145	37.76	EXCESS KURTOSIS	15.6430
2 PCT *	XXXXXXXXXXXXXXXXXXXXX				*	132	34.38	COEFFICIENT OF VARIANCE, %	77.0670
5 PCT *	XXXXX				*	38	9.90	STANDARD ERROR OF THE MEAN	.0470
10 PCT *	I				*	2	.52	LOWER 95% LIMIT ON THE MEAN	1.1037
20 PCT *					*			UPPER 95% LIMIT ON THE MEAN	1.2887
50 PCT *					*			LOWER 95% LIMIT ON THE RANGE	-.6165
					*			UPPER 95% LIMIT ON THE RANGE	3.0090
**	*	*	*	*	*			GEOMETRIC MEAN	.9611
0	20	40	60	80	100			LOG10 MEAN	-.0172
								LOG10 VARIANCE	.0815
								LOG10 STANDARD DEVIATION	.2854
								STANDARD ERROR ON THE MEAN	.0146
								LOWER 95% LIMIT ON THE MEAN	.8998
								UPPER 95% LIMIT ON THE MEAN	1.0266
								LOWER 95% LIMIT ON THE RANGE	.2639
								UPPER 95% LIMIT ON THE RANGE	3.4997
								MINIMUM VALUE	.1500
								25TH PERCENTILE OR 1ST QUARTILE	.6500
								50TH PERCENTILE OR MEDIAN	.9500
								75TH PERCENTILE OR 3RD QUARTILE	1.4000
								80TH PERCENTILE	1.6500
								90TH PERCENTILE	2.1000
								95TH PERCENTILE	3.2000
								98TH PERCENTILE	3.8000
								99TH PERCENTILE	4.4500
								MAXIMUM VALUE	8.7500

PERCENT

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		SUMMARY STATISTICS		
FE	LKSD	PCT	GRNG				
HISTOGRAM							
**	*	*	*	*	N	% CUM %	
10 PPM *				*			TOTAL NUMBER OF SAMPLES 230
20 PPM *				*			NUMBER OF ZERO VALUE SAMPLES 0
50 PPM *				*			NUMBER OF NON-ZERO SAMPLES 230
100 PPM *				*			ARITHMETIC MEAN 1.2013
200 PPM *				*			VARIANCE .7569
500 PPM *				*			STANDARD DEVIATION .8700
1000 PPM *	I			*	1	.43 .43	SKEW 2.3938
2000 PPM *	X			*	3	1.30 1.74	EXCESS KURTOSIS 8.5598
5000 PPM *	XXXXXXXXXX			*	37	16.09 17.83	COEFFICIENT OF VARIANCE, % 72.4222
1 PCT *	XXXXXXXXXXXXXXXXXXXX			*	80	34.78 52.61	STANDARD ERROR OF THE MEAN .0574
2 PCT *	XXXXXXXXXXXXXXXXXXXX			*	82	35.75 88.26	LOWER 95% LIMIT ON THE MEAN 1.0882
5 PCT *	XXXXXX			*	25	10.87 99.13	UPPER 95% LIMIT ON THE MEAN 1.3144
10 PCT *	I			*	2	.87 100.00	LOWER 95% LIMIT ON THE RANGE -.5133
20 PCT *				*			UPPER 95% LIMIT ON THE RANGE 2.9159
50 PCT *				*			LOG10 MEAN .9730
				*			LOG10 VARIANCE .0813
				*			LOG10 STANDARD DEVIATION .2851
				*			STANDARD ERROR ON THE MEAN .0188
				*			LOWER 95% LIMIT ON THE MEAN .8934
				*			UPPER 95% LIMIT ON THE MEAN 1.0596
				*			LOWER 95% LIMIT ON THE RANGE .2668
				*			UPPER 95% LIMIT ON THE RANGE 3.5479
**	*	*	*	*			
0	20	40	60	80	100		
PERCENT							
							MINIMUM VALUE .1000
							25TH PERCENTILE OR 1ST QUARTILE .6500
							50TH PERCENTILE OR MEDIAN 1.0000
							75TH PERCENTILE OR 3RD QUARTILE 1.4500
							80TH PERCENTILE 1.7000
							90TH PERCENTILE 2.1500
							95TH PERCENTILE 2.7000
							98TH PERCENTILE 4.0000
							99TH PERCENTILE 5.2500
							MAXIMUM VALUE 6.4500

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT GRDR

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
100 PPM	*				1	2.70	2.70	TOTAL NUMBER OF SAMPLES	37
200 PPM	*							NUMBER OF ZERO VALUE SAMPLES	1
500 PPM	*							NUMBER OF NON-ZERO SAMPLES	36
1000 PPM	*							ARITHMETIC MEAN	1.1458
2000 PPM	*							VARIANCE	.4282
5000 PPM	*	XXXXXXXX			6	16.22	18.92	STANDARD DEVIATION	.6544
1 PCT	*	XXXXXXXXXXXXXXXXXX			10	27.03	45.95	SKEW	1.0386
2 PCT	*	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			18	48.65	94.59	EXCESS KURTOSIS	1.1996
5 PCT	*	XXX			2	5.41	100.00	COEFFICIENT OF VARIANCE, %	57.1084
10 PCT	*							STANDARD ERROR OF THE MEAN	.1091
20 PCT	*							LOWER 95% LIMIT ON THE MEAN	.9245
50 PCT	*							UPPER 95% LIMIT ON THE MEAN	1.3672
	**	*	*	*				LOWER 95% LIMIT ON THE RANGE	-.1821
	0	20	40	60	80	100		UPPER 95% LIMIT ON THE RANGE	2.4738
								GEOMETRIC MEAN	.9693
								LOG10 MEAN	-.0135
								LOG10 VARIANCE	.0712
								LOG10 STANDARD DEVIATION	.2668
								STANDARD ERROR ON THE MEAN	.0445
								LOWER 95% LIMIT ON THE MEAN	.7874
								UPPER 95% LIMIT ON THE MEAN	1.1932
								LOWER 95% LIMIT ON THE RANGE	.2786
								UPPER 95% LIMIT ON THE RANGE	3.3721
								MINIMUM VALUE	.2500
								25TH PERCENTILE OR 1ST QUARTILE	.6500
								50TH PERCENTILE OR MEDIAN	1.0500
								75TH PERCENTILE OR 3RD QUARTILE	1.4500
								80TH PERCENTILE	1.7000
								90TH PERCENTILE	1.9000
								95TH PERCENTILE	2.8000
								98TH PERCENTILE	3.1000
								99TH PERCENTILE	3.1000
								MAXIMUM VALUE	3.1000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT QZFP

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	7	
100 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0	
200 PPM *					*			NUMBER OF NON-ZERO SAMPLES	7	
500 PPM *					*			ARITHMETIC MEAN	.9429	
1000 PPM *					*			VARIANCE	.4362	
2000 PPM *					*			STANDARD DEVIATION	.6604	
5000 PPM *	XXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	42.86	COEFFICIENT OF VARIANCE, %	70.0474
1 PCT *	XXXXXXX				*	1	14.29	57.14	STANDARD ERROR OF THE MEAN	.2496
2 PCT *	XXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	100.00	LOWER 95% LIMIT ON THE MEAN	.3525
5 PCT *					*			UPPER 95% LIMIT ON THE MEAN	1.5332	
10 PCT *					*			LOWER 95% LIMIT ON THE RANGE	-.6191	
20 PCT *					*			UPPER 95% LIMIT ON THE RANGE	2.5048	
50 PCT *					*			GEOMETRIC MEAN	.7633	
	**	*	*	*	*			LOG10 MEAN	-.1173	
0	20	40	60	80	100			LOG10 VARIANCE	.0915	
								LOG10 STANDARD DEVIATION	.3025	
								STANDARD ERROR ON THE MEAN	.1143	
								LOWER 95% LIMIT ON THE MEAN	.4096	
								UPPER 95% LIMIT ON THE MEAN	1.4226	
								LOWER 95% LIMIT ON THE RANGE	.1470	
								UPPER 95% LIMIT ON THE RANGE	3.9634	
								MINIMUM VALUE	.4000	
								25TH PERCENTILE OR 1ST QUARTILE	.4500	
								50TH PERCENTILE OR MEDIAN	.5500	
								75TH PERCENTILE OR 3RD QUARTILE	1.7000	
								80TH PERCENTILE	1.9500	
								90TH PERCENTILE	1.9500	
								95TH PERCENTILE	1.9500	
								98TH PERCENTILE	1.9500	
								99TH PERCENTILE	1.9500	
								MAXIMUM VALUE	1.9500	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT MGMT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	79
					*			NUMBER OF ZERO VALUE SAMPLES	0
10 PPM	*				*			NUMBER OF NON-ZERO SAMPLES	79
20 PPM	*				*			ARITHMETIC MEAN	.9196
50 PPM	*				*			VARIANCE	.5307
100 PPM	*				*			STANDARD DEVIATION	.7285
200 PPM	*				*			SKEW	3.3578
500 PPM	X				*	1	1.27	EXCESS KURTOSIS	17.3146
1000 PPM	X				*	2	2.53	COEFFICIENT OF VARIANCE, %	79.2142
2000 PPM	*				*			STANDARD ERROR OF THE MEAN	.0820
5000 PPM	*	XXXXXXXXXXXXX			*	19	24.05	LOWER 95% LIMIT ON THE MEAN	.7565
	*	XXXXXXXXXXXXXXXXXXXXX			*	34	43.04	UPPER 95% LIMIT ON THE MEAN	1.0828
1 PCT	*	XXXXXXXXXXXXX			*	17	21.52	LOWER 95% LIMIT ON THE RANGE	-.5306
2 PCT	*	XXXXXXXXXXXXX			*	17	21.52	UPPER 95% LIMIT ON THE RANGE	2.3698
5 PCT	*	XXX			*	5	6.33	GEOMETRIC MEAN	.7233
10 PCT	*	X			*	1	1.27	LOG10 MEAN	-.1407
20 PCT	*				*			LOG10 VARIANCE	.1019
50 PCT	*				*			LOG10 STANDARD DEVIATION	.3192
	*				*			STANDARD ERROR ON THE MEAN	.0359
	*				*			LOWER 95% LIMIT ON THE MEAN	.6135
	*				*			UPPER 95% LIMIT ON THE MEAN	.8528
	*				*			LOWER 95% LIMIT ON THE RANGE	.1674
	*				*			UPPER 95% LIMIT ON THE RANGE	3.1250
**	*	*	*	*	*			MINIMUM VALUE	.0500
0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUANTILE	.5000
								50TH PERCENTILE OR MEDIAN	.7500
								75TH PERCENTILE OR 3RD QUANTILE	1.1500
								80TH PERCENTILE	1.2000
								90TH PERCENTILE	1.6500
								95TH PERCENTILE	2.2000
								98TH PERCENTILE	2.3500
								99TH PERCENTILE	5.4500
								MAXIMUM VALUE	5.4500

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT UMFC

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	3
100 PPM *					*				NUMBER OF ZERO VALUE SAMPLES	0
200 PPM *					*				NUMBER OF NON-ZERO SAMPLES	3
500 PPM *					*				ARITHMETIC MEAN	1.0667
1000 PPM *					*				VARIANCE	.2158
2000 PPM *					*				STANDARD DEVIATION	.4646
5000 PPM *					*				SKEW	.6704
1 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	2	66.67	66.67	EXCESS KURTOSIS	-1.5000
2 PCT *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	100.00	COEFFICIENT OF VARIANCE, %	43.5542
5 PCT *					*				STANDARD ERROR OF THE MEAN	.2682
10 PCT *					*				LOWER 95% LIMIT ON THE MEAN	.2132
20 PCT *					*				UPPER 95% LIMIT ON THE MEAN	1.9202
50 PCT *					*				LOWER 95% LIMIT ON THE RANGE	-.4116
					*				UPPER 95% LIMIT ON THE RANGE	2.5450
**	*	*	*	*	*				GEOMETRIC MEAN	1.0066
0	20	40	60	80	100				LOG10 MEAN	.0029
									LOG10 VARIANCE	.0311
									LOG10 STANDARD DEVIATION	.1764
									STANDARD ERROR ON THE MEAN	.1018
									LOWER 95% LIMIT ON THE MEAN	.4773
									UPPER 95% LIMIT ON THE MEAN	2.1229
									LOWER 95% LIMIT ON THE RANGE	.2764
									UPPER 95% LIMIT ON THE RANGE	3.6657
									MINIMUM VALUE	.7500
									25TH PERCENTILE OR 1ST QUANTILE	.8500
									50TH PERCENTILE OR MEDIAN	.8500
									75TH PERCENTILE OR 3RD QUANTILE	1.6000
									80TH PERCENTILE	1.6000
									90TH PERCENTILE	1.6000
									95TH PERCENTILE	1.6000
									98TH PERCENTILE	1.6000
									99TH PERCENTILE	1.6000
									MAXIMUM VALUE	1.6000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
FE LKSD	PCT	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.9500
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.9500
UPPER 95% LIMIT ON THE MEAN	.9500
LOWER 95% LIMIT ON THE RANGE	.9500
UPPER 95% LIMIT ON THE RANGE	.9500
GEOMETRIC MEAN	.9500
LOG10 MEAN	-.0223
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.9500
UPPER 95% LIMIT ON THE MEAN	.9500
LOWER 95% LIMIT ON THE RANGE	.9500
UPPER 95% LIMIT ON THE RANGE	.9500
MINIMUM VALUE	.9500
25TH PERCENTILE OR 1ST QUARTILE	.9500
50TH PERCENTILE OR MEDIAN	.9500
75TH PERCENTILE OR 3RD QUARTILE	.9500
80TH PERCENTILE	.9500
90TH PERCENTILE	.9500
95TH PERCENTILE	.9500
98TH PERCENTILE	.9500
99TH PERCENTILE	.9500
MAXIMUM VALUE	.9500

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT GRCK

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	57
100 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPM *					*			NUMBER OF NON-ZERO SAMPLES	57
500 PPM *					*			ARITHMETIC MEAN	1.2140
1000 PPM *					*			VARIANCE	.7218
2000 PPM *	XX				*	2	3.51	STANDARD DEVIATION	.8496
5000 PPM *	XXXXX				*	6	10.53	SKEW	2.2878
1 PCT *	XXXXXXXXXXXXXXXXXXXXX				*	20	35.09	EXCESS KURTOSIS	6.5485
2 PCT *	XXXXXXXXXXXXXXXXXXXXX				*	24	42.11	COEFFICIENT OF VARIANCE, %	69.9788
5 PCT *	XXXX				*	5	8.77	STANDARD ERROR OF THE MEAN	.1125
10 PCT *					*			LOWER 95% LIMIT ON THE MEAN	.9887
20 PCT *					*			UPPER 95% LIMIT ON THE MEAN	1.4394
50 PCT *					*			LOWER 95% LIMIT ON THE RANGE	-1.4871
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	2.9152
0	20	40	60	80	100			GEOMETRIC MEAN	.9958
								LOG10 MEAN	-.0018
								LOG10 VARIANCE	.0802
								LOG10 STANDARD DEVIATION	.2831
								STANDARD ERROR ON THE MEAN	.0375
								LOWER 95% LIMIT ON THE MEAN	.8377
								UPPER 95% LIMIT ON THE MEAN	1.1838
								LOWER 95% LIMIT ON THE RANGE	.2699
								UPPER 95% LIMIT ON THE RANGE	3.6741
								MINIMUM VALUE	.1500
								25TH PERCENTILE OR 1ST QUARTILE	.7500
								50TH PERCENTILE OR MEDIAN	1.0500
								75TH PERCENTILE OR 3RD QUARTILE	1.4000
								80TH PERCENTILE	1.5500
								90TH PERCENTILE	2.0000
								95TH PERCENTILE	3.2500
								98TH PERCENTILE	4.9000
								99TH PERCENTILE	4.9000
								MAXIMUM VALUE	4.9000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.7500
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.7500
UPPER 95% LIMIT ON THE MEAN	.7500
LOWER 95% LIMIT ON THE RANGE	.7500
UPPER 95% LIMIT ON THE RANGE	.7500
GEOMETRIC MEAN	.7500
LOG10 MEAN	-.1249
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.7500
UPPER 95% LIMIT ON THE MEAN	.7500
LOWER 95% LIMIT ON THE RANGE	.7500
UPPER 95% LIMIT ON THE RANGE	.7500
MINIMUM VALUE	.7500
25TH PERCENTILE OR 1ST QUARTILE	.7500
50TH PERCENTILE OR MEDIAN	.7500
75TH PERCENTILE OR 3RD QUARTILE	.7500
80TH PERCENTILE	.7500
90TH PERCENTILE	.7500
95TH PERCENTILE	.7500
98TH PERCENTILE	.7500
99TH PERCENTILE	.7500
MAXIMUM VALUE	.7500

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET				
FE	LKSD	PCT	GRSC				
				HISTOGRAM			
**	*	*	*	N	%	CUM %	
10 PPM	*	*	*				
20 PPM	*	*	*				
50 PPM	*	*	*				
100 PPM	*	*	*				
200 PPM	*	*	*				
500 PPM	*	*	*				
1000 PPM	XXXXXXXXXX	*	*	1	20.00	20.00	
2000 PPM	*	*	*				
5000 PPM	XXXXXXXXXX	*	*	1	20.00	40.00	
1 PCT	XXXXXXXXXXXXXXXXXXXXXXXXXX	*	*	2	40.00	80.00	
2 PCT	XXXXXXXXXX	*	*	1	20.00	100.00	
5 PCT	*	*	*				
10 PCT	*	*	*				
20 PCT	*	*	*				
50 PCT	*	*	*				
**	*	*	*				
0	20	40	60	80	100		
				PERCENT			
				SUMMARY STATISTICS			
				TOTAL NUMBER OF SAMPLES			5
				NUMBER OF ZERO VALUE SAMPLES			0
				NUMBER OF NON-ZERO SAMPLES			5
				ARITHMETIC MEAN			.7800
				VARIANCE			.3733
				STANDARD DEVIATION			.6109
				SKEW			.7062
				EXCESS KURTOSIS			-.5207
				COEFFICIENT OF VARIANCE, %			78.3259
				STANDARD ERROR OF THE MEAN			.2732
				LOWER 95% LIMIT ON THE MEAN			.0775
				UPPER 95% LIMIT ON THE MEAN			1.4825
				LOWER 95% LIMIT ON THE RANGE			-.7907
				UPPER 95% LIMIT ON THE RANGE			2.3507
				GEOMETRIC MEAN			.5537
				LOG10 MEAN			-.2567
				LOG10 VARIANCE			.2123
				LOG10 STANDARD DEVIATION			.4608
				STANDARD ERROR ON THE MEAN			.2061
				LOWER 95% LIMIT ON THE MEAN			.1635
				UPPER 95% LIMIT ON THE MEAN			1.8753
				LOWER 95% LIMIT ON THE RANGE			.0362
				UPPER 95% LIMIT ON THE RANGE			8.4707
				MINIMUM VALUE			.1000
				25TH PERCENTILE OR 1ST QUARTILE			.5000
				50TH PERCENTILE OR MEDIAN			.7000
				75TH PERCENTILE OR 3RD QUARTILE			1.7500
				80TH PERCENTILE			1.7500
				90TH PERCENTILE			1.7500
				95TH PERCENTILE			1.7500
				98TH PERCENTILE			1.7500
				99TH PERCENTILE			1.7500
				MAXIMUM VALUE			1.7500

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT AEXV

HISTOGRAM

SUMMARY STATISTICS

	N	%	CUM %		
** * * * *				TOTAL NUMBER OF SAMPLES	13
				NUMBER OF ZERO VALUE SAMPLES	0
				NUMBER OF NON-ZERO SAMPLES	13
100 PPM *				ARITHMETIC MEAN	2.3423
200 PPM *				VARIANCE	2.4016
500 PPM *				STANDARD DEVIATION	1.5497
1000 PPM *				SKEW	1.4602
2000 PPM *				EXCESS KURTOSIS	1.5309
5000 PPM *				COEFFICIENT OF VARIANCE, %	66.1617
XXXX	1	7.69	7.69	STANDARD ERROR OF THE MEAN	.4298
1 PCT *	7	53.85	61.54	LOWER 95% LIMIT ON THE MEAN	1.4139
XXXXXXXXXXXXXXXXXXXXXXXXXXXX				UPPER 95% LIMIT ON THE MEAN	3.2707
2 PCT *	4	30.77	92.31	LOWER 95% LIMIT ON THE RANGE	-1.0051
XXXXXXXXXXXXXXXXXXXX				UPPER 95% LIMIT ON THE RANGE	5.6897
5 PCT *	1	7.69	100.00	GEOMETRIC MEAN	1.9824
XXXX				LOG10 MEAN	.2972
10 PCT *				LOG10 VARIANCE	.0635
20 PCT *				LOG10 STANDARD DEVIATION	.2520
50 PCT *				STANDARD ERROR ON THE MEAN	.0699
** * * * *				LOWER 95% LIMIT ON THE MEAN	1.4004
0 20 40 60 80 100				UPPER 95% LIMIT ON THE MEAN	2.8065
PERCENT				LOWER 95% LIMIT ON THE RANGE	.5661
				UPPER 95% LIMIT ON THE RANGE	6.9422
				MINIMUM VALUE	.9000
				25TH PERCENTILE OR 1ST QUARTILE	1.3500
				50TH PERCENTILE OR MEDIAN	1.6500
				75TH PERCENTILE OR 3RD QUARTILE	3.3500
				80TH PERCENTILE	3.3500
				90TH PERCENTILE	6.4000
				95TH PERCENTILE	6.4000
				98TH PERCENTILE	6.4000
				99TH PERCENTILE	6.4000
				MAXIMUM VALUE	6.4000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 FE LKSD PCT BEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	58
100 PPM	*				*	1	1.72	NUMBER OF ZERO VALUE SAMPLES	1
					*			NUMBER OF NON-ZERO SAMPLES	57
200 PPM	*				*			ARITHMETIC MEAN	1.3351
500 PPM	*				*			VARIANCE	1.5375
1000 PPM	*				*			STANDARD DEVIATION	1.2400
2000 PPM	*				*			SKEW	3.0130
5000 PPM	*	XXXXXXXX			*	9	15.52	EXCESS KURTOSIS	11.2865
		XXXXXXXXXXXXXXXXXXXXXXXXXX			*	25	43.10	COEFFICIENT OF VARIANCE. %	92.8747
1 PCT	*	XXXXXXXXXXXXXXXXXXXXXXXXXX			*	14	24.14	STANDARD ERROR OF THE MEAN	.1642
2 PCT	*	XXXXXXXXXXXXXX			*	8	13.79	LOWER 95% LIMIT ON THE MEAN	1.0062
5 PCT	*	XXXXXXX			*	1	1.72	UPPER 95% LIMIT ON THE MEAN	1.6640
10 PCT	*	X			*		100.00	LOWER 95% LIMIT ON THE RANGE	-1.1478
20 PCT	*				*			UPPER 95% LIMIT ON THE RANGE	3.8180
50 PCT	*				*			GEOMETRIC MEAN	1.0313
	**	*	*	*	*			LOG10 MEAN	.0134
0		20	40	60	80	100		LOG10 VARIANCE	.0846
								LOG10 STANDARD DEVIATION	.2908
								STANDARD ERROR ON THE MEAN	.0385
								LOWER 95% LIMIT ON THE MEAN	.8635
								UPPER 95% LIMIT ON THE MEAN	1.2318
								LOWER 95% LIMIT ON THE RANGE	.2698
								UPPER 95% LIMIT ON THE RANGE	3.9426
								MINIMUM VALUE	.3500
								25TH PERCENTILE OR 1ST QUARTILE	.6000
								50TH PERCENTILE OR MEDIAN	.9500
								75TH PERCENTILE OR 3RD QUARTILE	1.6500
								80TH PERCENTILE	1.9000
								90TH PERCENTILE	2.5500
								95TH PERCENTILE	3.9500
								98TH PERCENTILE	7.7000
								99TH PERCENTILE	7.7000
								MAXIMUM VALUE	7.7000

PERCENT

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	FE LKSD	PCT	24	2.00	1.23	61.8	.60	-.62	1.48	2.52	1.62	.2103	.3001	1.21	2.17
DIBS	FE LKSD	PCT	16	.734	.431	58.7	1.16	.27	.506	.963	.637	-.1962	.2359	.477	.849
GRNT	FE LKSD	PCT	384	1.20	.922	77.1	3.03	15.64	1.10	1.29	.961	-.0172	.2854	.900	1.03
GRNG	FE LKSD	PCT	230	1.20	.870	72.4	2.39	8.56	1.09	1.31	.973	-.0119	.2851	.893	1.06
GRDR	FE LKSD	PCT	36	1.15	.654	57.1	1.04	1.20	.925	1.37	.969	-.0135	.2668	.787	1.19
QZFP	FE LKSD	PCT	7	.943	.660	70.0	.60	-1.35	.352	1.53	.763	-.1173	.3025	.410	1.42
MGMT	FE LKSD	PCT	79	.920	.728	79.2	3.36	17.31	.756	1.08	.723	-.1407	.3192	.614	.853
UMFC	FE LKSD	PCT	3	1.07	.465	43.6	.67	-1.50	.213	1.92	1.01	.0029	.1764	.477	2.12
CGLM	FE LKSD	PCT	1	.950	.100E-05	.0	.00	.00	.950	.950	.950	-.0223	.0000	.950	.950
GRCK	FE LKSD	PCT	57	1.21	.850	70.0	2.29	6.55	.989	1.44	.996	-.0018	.2831	.838	1.18
SCST	FE LKSD	PCT	1	.750	.100E-05	.0	.00	.00	.750	.750	.750	-.1249	.0000	.750	.750
GRSC	FE LKSD	PCT	5	.780	.611	78.3	.71	-.52	.775E-01	1.48	.554	-.2567	.4608	.164	1.88
AEXV	FE LKSD	PCT	13	2.34	1.55	66.2	1.46	1.53	1.41	3.27	1.98	.2972	.2520	1.40	2.81
BEXV	FE LKSD	PCT	57	1.34	1.24	92.9	3.01	11.29	1.01	1.66	1.03	.0134	.2908	.863	1.23

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	FE LKSD	PCT	24	.450	1.100	1.950	3.100	3.400	3.750	4.900	4.900	4.900	4.900	4.900
DIBS	FE LKSD	PCT	16	.250	.450	.650	1.100	1.200	1.500	1.750	1.750	1.750	1.750	1.750
GRNT	FE LKSD	PCT	384	.150	.650	.950	1.400	1.650	2.100	3.200	3.800	4.450	8.750	
GRNG	FE LKSD	PCT	230	.100	.650	1.000	1.450	1.700	2.150	2.700	4.000	5.250	6.450	
GRDR	FE LKSD	PCT	36	.250	.650	1.050	1.450	1.700	1.900	2.800	3.100	3.100	3.100	
QZFP	FE LKSD	PCT	7	.400	.450	.550	1.700	1.950	1.950	1.950	1.950	1.950	1.950	
MGMT	FE LKSD	PCT	79	.050	.500	.750	1.150	1.200	1.650	2.200	2.350	5.450	5.450	
UMFC	FE LKSD	PCT	3	.750	.850	.850	1.600	1.600	1.600	1.600	1.600	1.600	1.600	
CGLM	FE LKSD	PCT	1	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	
GRCK	FE LKSD	PCT	57	.150	.750	1.050	1.400	1.550	2.000	3.250	4.900	4.900	4.900	
SCST	FE LKSD	PCT	1	.750	.750	.750	.750	.750	.750	.750	.750	.750	.750	
GRSC	FE LKSD	PCT	5	.100	.500	.700	1.750	1.750	1.750	1.750	1.750	1.750	1.750	
AEXV	FE LKSD	PCT	13	.900	1.350	1.650	3.350	3.350	6.400	6.400	6.400	6.400	6.400	
BEXV	FE LKSD	PCT	57	.350	.600	.950	1.650	1.900	2.550	3.950	7.700	7.700	7.700	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB AKRK

HISTOGRAM						SUMMARY STATISTICS			
						N	% CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	24
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	24
5 PPB *					*			ARITHMETIC MEAN	135.0000
10 PPB *					*			VARIANCE	2765.2174
20 PPB *					*			STANDARD DEVIATION	52.5853
50 PPB *	XXXX				*	2	8.33 8.33	SKEW	.0596
100 PPB *	XXXXXXXX				*	4	16.67 25.00	EXCESS KURTOSIS	-.6679
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	15	62.50 87.50	COEFFICIENT OF VARIANCE. %	38.9521
500 PPB *	XXXXXX				*	3	12.50 100.00	STANDARD ERROR OF THE MEAN	10.7339
1 PPM *					*			LOWER 95% LIMIT ON THE MEAN	112.8452
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	157.1548
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	26.4639
					*			UPPER 95% LIMIT ON THE RANGE	243.5361
**	*	*	*	*	*			GEOMETRIC MEAN	123.6004
0	20	40	60	80	100			LOG10 MEAN	2.0920
								LOG10 VARIANCE	.0395
								LOG10 STANDARD DEVIATION	.1988
								STANDARD ERROR ON THE MEAN	.0406
								LOWER 95% LIMIT ON THE MEAN	101.9257
								UPPER 95% LIMIT ON THE MEAN	149.8843
								LOWER 95% LIMIT ON THE RANGE	48.0615
								UPPER 95% LIMIT ON THE RANGE	317.8645
								MINIMUM VALUE	40.0000
								25TH PERCENTILE OR 1ST QUARTILE	110.0000
								50TH PERCENTILE OR MEDIAN	140.0000
								75TH PERCENTILE OR 3RD QUARTILE	180.0000
								80TH PERCENTILE	190.0000
								90TH PERCENTILE	210.0000
								95TH PERCENTILE	240.0000
								98TH PERCENTILE	240.0000
								99TH PERCENTILE	240.0000
								MAXIMUM VALUE	240.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB DIBS

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16	
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	16	
5 PPB *					*			ARITHMETIC MEAN	170.0000	
10 PPB *					*			VARIANCE	2746.6667	
20 PPB *					*			STANDARD DEVIATION	52.4087	
50 PPB *					*			SKEW	.5568	
100 PPB *	XXX				*	1	6.25	6.25	EXCESS KURTOSIS	-.9342
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	11	68.75	75.00	COEFFICIENT OF VARIANCE, %	30.8286
500 PPB *	XXXXXXXXXXXXXX				*	4	25.00	100.00	STANDARD ERROR OF THE MEAN	13.1022
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	142.2234
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	197.7766
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	58.8937
**	*	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	281.1063
0	20	40	60	80	100				GEOMETRIC MEAN	162.8234
									LOG10 MEAN	2.2117
									LOG10 VARIANCE	.0171
									LOG10 STANDARD DEVIATION	.1309
									STANDARD ERROR ON THE MEAN	.0327
									LOWER 95% LIMIT ON THE MEAN	138.7773
									UPPER 95% LIMIT ON THE MEAN	191.0359
									LOWER 95% LIMIT ON THE RANGE	85.9257
									UPPER 95% LIMIT ON THE RANGE	308.5391
									MINIMUM VALUE	100.0000
									25TH PERCENTILE OR 1ST QUARTILE	130.0000
									50TH PERCENTILE OR MEDIAN	160.0000
									75TH PERCENTILE OR 3RD QUARTILE	220.0000
									80TH PERCENTILE	240.0000
									90TH PERCENTILE	250.0000
									95TH PERCENTILE	270.0000
									98TH PERCENTILE	270.0000
									99TH PERCENTILE	270.0000
									MAXIMUM VALUE	270.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB GRNT

HISTOGRAM						SUMMARY STATISTICS		
				N	%	CUM %		
**	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
1 PPB *	X			*	7	1.82	NUMBER OF ZERO VALUE SAMPLES	7
2 PPB *				*			NUMBER OF NON-ZERO SAMPLES	377
5 PPB *				*			ARITHMETIC MEAN	135.8090
10 PPB *				*			VARIANCE	2602.0698
20 PPB *				*			STANDARD DEVIATION	51.0105
50 PPB *	XXX			*	20	5.21	SKEW	.3281
100 PPB *	XXXXXXXXXX			*	85	22.14	EXCESS KURTOSIS	.0262
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	241	62.76	COEFFICIENT OF VARIANCE, %	37.5605
500 PPB *	XXXX			*	31	8.07	STANDARD ERROR OF THE MEAN	2.6272
1 PPM *				*		100.00	LOWER 95% LIMIT ON THE MEAN	130.6428
2 PPM *				*			UPPER 95% LIMIT ON THE MEAN	140.9753
5 PPM *				*			LOWER 95% LIMIT ON THE RANGE	35.4989
**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	236.1191
0	20	40	60	80	100		GEOMETRIC MEAN	125.2332
							LOG10 MEAN	2.0977
							LOG10 VARIANCE	.0344
							LOG10 STANDARD DEVIATION	.1854
							STANDARD ERROR ON THE MEAN	.0095
							LOWER 95% LIMIT ON THE MEAN	119.9350
							UPPER 95% LIMIT ON THE MEAN	130.7655
							LOWER 95% LIMIT ON THE RANGE	54.1002
							UPPER 95% LIMIT ON THE RANGE	289.8947
							MINIMUM VALUE	30.0000
							25TH PERCENTILE OR 1ST QUARTILE	100.0000
							50TH PERCENTILE OR MEDIAN	130.0000
							75TH PERCENTILE OR 3RD QUARTILE	170.0000
							80TH PERCENTILE	180.0000
							90TH PERCENTILE	200.0000
							95TH PERCENTILE	220.0000
							98TH PERCENTILE	250.0000
							99TH PERCENTILE	280.0000
							MAXIMUM VALUE	320.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB GRNG

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	230	
1 PPB *	X				*	3	1.30	NUMBER OF ZERO VALUE SAMPLES	3	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	227	
5 PPB *					*			ARITHMETIC MEAN	134.9559	
10 PPB *					*			VARIANCE	2468.3609	
20 PPB *					*			STANDARD DEVIATION	49.6826	
50 PPB *	XX				*	10	4.35	5.65	COEFFICIENT OF VARIANCE, %	36.8139
100 PPB *	XXXXXXXXXX				*	52	22.61	28.26	STANDARD ERROR OF THE MEAN	3.2976
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	145	63.04	91.30	LOWER 95% LIMIT ON THE MEAN	128.4567
500 PPB *	XXXX				*	20	8.70	100.00	UPPER 95% LIMIT ON THE MEAN	141.4552
1 PPM *					*				LOWER 95% LIMIT ON THE RANGE	37.0355
2 PPM *					*				UPPER 95% LIMIT ON THE RANGE	232.8764
5 PPM *					*				GEOMETRIC MEAN	124.8159
**	*	*	*	*	*				LOG10 MEAN	2.0963
0	20	40	60	80	100				LOG10 VARIANCE	.0332
									LOG10 STANDARD DEVIATION	.1823
									STANDARD ERROR ON THE MEAN	.0121
									LOWER 95% LIMIT ON THE MEAN	118.1458
									UPPER 95% LIMIT ON THE MEAN	131.8627
									LOWER 95% LIMIT ON THE RANGE	54.5641
									UPPER 95% LIMIT ON THE RANGE	285.5177
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUARTILE	100.0000
									50TH PERCENTILE OR MEDIAN	130.0000
									75TH PERCENTILE OR 3RD QUARTILE	170.0000
									80TH PERCENTILE	180.0000
									90TH PERCENTILE	200.0000
									95TH PERCENTILE	230.0000
									98TH PERCENTILE	250.0000
									99TH PERCENTILE	280.0000
									MAXIMUM VALUE	290.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB GRDR

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	37
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	37
5 PPB *					*				ARITHMETIC MEAN	110.5405
10 PPB *					*				VARIANCE	1299.6997
20 PPB *					*				STANDARD DEVIATION	36.0513
50 PPB *	XXXXX				*	4	10.81	10.81	SKEW	-.0733
100 PPB *	XXXXXXXXXXXXX				*	9	24.32	35.14	EXCESS KURTOSIS	.0513
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	24	64.86	100.00	COEFFICIENT OF VARIANCE, %	32.6137
500 PPB *					*				STANDARD ERROR OF THE MEAN	5.9268
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	98.5251
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	122.5560
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	37.4536
	**	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	183.6274
	0	20	40	60	80	100			GEOMETRIC MEAN	103.7930
									LOG10 MEAN	2.0162
									LOG10 VARIANCE	.0277
									LOG10 STANDARD DEVIATION	.1665
									STANDARD ERROR ON THE MEAN	.0274
									LOWER 95% LIMIT ON THE MEAN	91.3448
									UPPER 95% LIMIT ON THE MEAN	117.9376
									LOWER 95% LIMIT ON THE RANGE	47.7168
									UPPER 95% LIMIT ON THE RANGE	225.7694
									MINIMUM VALUE	40.0000
									25TH PERCENTILE OR 1ST QUARTILE	90.0000
									50TH PERCENTILE OR MEDIAN	120.0000
									75TH PERCENTILE OR 3RD QUARTILE	130.0000
									80TH PERCENTILE	140.0000
									90TH PERCENTILE	160.0000
									95TH PERCENTILE	170.0000
									98TH PERCENTILE	200.0000
									99TH PERCENTILE	200.0000
									MAXIMUM VALUE	200.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB MGMT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	79
					*			NUMBER OF ZERO VALUE SAMPLES	0
1 PPB *					*			NUMBER OF NON-ZERO SAMPLES	79
2 PPB *					*				
5 PPB *					*			ARITHMETIC MEAN	126.8354
10 PPB *					*			VARIANCE	2003.9598
20 PPB *					*			STANDARD DEVIATION	44.7656
50 PPB *	XX				*	3	3.80	3.80	35.2942
100 PPB *	XXXXXXXXXXXXXX				*	21	26.58	30.38	5.0365
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	52	65.82	96.20	116.8091
500 PPB *	XX				*	3	3.80	100.00	136.8618
1 PPM *					*			LOWER 95% LIMIT ON THE RANGE	37.7196
2 PPM *					*			UPPER 95% LIMIT ON THE RANGE	215.9512
5 PPM *					*			GEOMETRIC MEAN	117.9114
					*			LOG10 MEAN	2.0716
					*			LOG10 VARIANCE	.0312
					*			LOG10 STANDARD DEVIATION	.1765
**	*	*	*	*	*			STANDARD ERROR ON THE MEAN	.0199
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	107.6529
								UPPER 95% LIMIT ON THE MEAN	129.1474
								LOWER 95% LIMIT ON THE RANGE	52.5054
								UPPER 95% LIMIT ON THE RANGE	264.7934
								MINIMUM VALUE	40.0000
								25TH PERCENTILE OR 1ST QUARTILE	90.0000
								50TH PERCENTILE OR MEDIAN	130.0000
								75TH PERCENTILE OR 3RD QUARTILE	160.0000
								80TH PERCENTILE	170.0000
								90TH PERCENTILE	180.0000
								95TH PERCENTILE	200.0000
								98TH PERCENTILE	210.0000
								99TH PERCENTILE	230.0000
								MAXIMUM VALUE	230.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB UMFC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	3
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	3
5 PPB *					*			ARITHMETIC MEAN	150.0000
10 PPB *					*			VARIANCE	3100.0000
20 PPB *					*			STANDARD DEVIATION	55.6776
50 PPB *					*			SKEW	-.3193
100 PPB *	XXXXXXXXXXXXXXXXXXXX				*	1	33.33	EXCESS KURTOSIS	-1.5000
200 PPB *	XX				*	2	66.67	COEFFICIENT OF VARIANCE, %	37.1184
500 PPB *					*			STANDARD ERROR OF THE MEAN	32.1455
1 PPM *					*			LOWER 95% LIMIT ON THE MEAN	47.7130
2 PPM *					*			UPPER 95% LIMIT ON THE MEAN	252.2870
5 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-27.1663
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	327.1663
0	20	40	60	80	100			GEOMETRIC MEAN	142.2757
								LOG10 MEAN	2.1531
								LOG10 VARIANCE	.0320
								LOG10 STANDARD DEVIATION	.1789
								STANDARD ERROR ON THE MEAN	.1033
								LOWER 95% LIMIT ON THE MEAN	66.7447
								UPPER 95% LIMIT ON THE MEAN	303.2808
								LOWER 95% LIMIT ON THE RANGE	38.3514
								UPPER 95% LIMIT ON THE RANGE	527.8134
								MINIMUM VALUE	90.0000
								25TH PERCENTILE OR 1ST QUARTILE	160.0000
								50TH PERCENTILE OR MEDIAN	160.0000
								75TH PERCENTILE OR 3RD QUARTILE	200.0000
								80TH PERCENTILE	200.0000
								90TH PERCENTILE	200.0000
								95TH PERCENTILE	200.0000
								98TH PERCENTILE	200.0000
								99TH PERCENTILE	200.0000
								MAXIMUM VALUE	200.0000

PERCENT

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
HG LKSD	PPB	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	150.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	150.0000
UPPER 95% LIMIT ON THE MEAN	150.0000
LOWER 95% LIMIT ON THE RANGE	150.0000
UPPER 95% LIMIT ON THE RANGE	150.0000
GEOMETRIC MEAN	150.0000
LOG10 MEAN	2.1761
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	150.0000
UPPER 95% LIMIT ON THE MEAN	150.0000
LOWER 95% LIMIT ON THE RANGE	150.0000
UPPER 95% LIMIT ON THE RANGE	150.0000
MINIMUM VALUE	150.0000
25TH PERCENTILE OR 1ST QUARTILE	150.0000
50TH PERCENTILE OR MEDIAN	150.0000
75TH PERCENTILE OR 3RD QUARTILE	150.0000
80TH PERCENTILE	150.0000
90TH PERCENTILE	150.0000
95TH PERCENTILE	150.0000
98TH PERCENTILE	150.0000
99TH PERCENTILE	150.0000
MAXIMUM VALUE	150.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME HG LKSD	UNIT OF MEASUREMENT PPB	DATA SUBSET GRCK	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
**	*	*	*	*	*	*	
1 PPB *			*			TOTAL NUMBER OF SAMPLES	57
2 PPB *			*			NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *			*			NUMBER OF NON-ZERO SAMPLES	57
10 PPB *			*			ARITHMETIC MEAN	136.6667
20 PPB *			*			VARIANCE	3333.3333
50 PPB *	XXXX		4	7.02	7.02	STANDARD DEVIATION	57.7350
100 PPB *	XXXXXXXXXXXX		12	21.05	28.07	SKEW	.4467
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		31	54.39	82.46	EXCESS KURTOSIS	-.5188
500 PPB *	XXXXXXXXXX		10	17.54	100.00	COEFFICIENT OF VARIANCE, %	42.2451
1 PPM *			*			STANDARD ERROR OF THE MEAN	7.6472
2 PPM *			*			LOWER 95% LIMIT ON THE MEAN	121.3539
5 PPM *			*			UPPER 95% LIMIT ON THE MEAN	151.9794
**	*	*	*	*	*	LOWER 95% LIMIT ON THE RANGE	21.0580
0	20	40	60	80	100	UPPER 95% LIMIT ON THE RANGE	252.2753
						GEOMETRIC MEAN	123.8688
						LOG10 MEAN	2.0930
						LOG10 VARIANCE	.0419
						LOG10 STANDARD DEVIATION	.2046
						STANDARD ERROR ON THE MEAN	.0271
						LOWER 95% LIMIT ON THE MEAN	109.3172
						UPPER 95% LIMIT ON THE MEAN	140.3575
						LOWER 95% LIMIT ON THE RANGE	48.2177
						UPPER 95% LIMIT ON THE RANGE	318.2128
						MINIMUM VALUE	30.0000
						25TH PERCENTILE OR 1ST QUARTILE	100.0000
						50TH PERCENTILE OR MEDIAN	120.0000
						75TH PERCENTILE OR 3RD QUARTILE	170.0000
						80TH PERCENTILE	200.0000
						90TH PERCENTILE	230.0000
						95TH PERCENTILE	250.0000
						98TH PERCENTILE	260.0000
						99TH PERCENTILE	260.0000
						MAXIMUM VALUE	260.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
HG LKSD	PPB	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1

ARITHMETIC MEAN	110.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000

COEFFICIENT OF VARIANCE, %	.0000
----------------------------	-------

STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	110.0000
UPPER 95% LIMIT ON THE MEAN	110.0000

LOWER 95% LIMIT ON THE RANGE	110.0000
UPPER 95% LIMIT ON THE RANGE	110.0000

GEOMETRIC MEAN	110.0000
LOG10 MEAN	2.0414
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000

STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	110.0000
UPPER 95% LIMIT ON THE MEAN	110.0000

LOWER 95% LIMIT ON THE RANGE	110.0000
UPPER 95% LIMIT ON THE RANGE	110.0000

MINIMUM VALUE	110.0000
25TH PERCENTILE OR 1ST QUARTILE	110.0000
50TH PERCENTILE OR MEDIAN	110.0000
75TH PERCENTILE OR 3RD QUARTILE	110.0000
80TH PERCENTILE	110.0000
90TH PERCENTILE	110.0000
95TH PERCENTILE	110.0000
98TH PERCENTILE	110.0000
99TH PERCENTILE	110.0000
MAXIMUM VALUE	110.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB GRSC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*				TOTAL NUMBER OF SAMPLES	5
1 PPB	*	XXXXXXXXXX			1	20.00	20.00	NUMBER OF ZERO VALUE SAMPLES	1
2 PPB	*							NUMBER OF NON-ZERO SAMPLES	4
5 PPB	*							ARITHMETIC MEAN	72.5000
10 PPB	*							VARIANCE	1091.6667
20 PPB	*							STANDARD DEVIATION	33.0404
50 PPB	*	XXXXXXXXXXXXXXXXXXXXXX			2	40.00	60.00	SKEW	.9004
100 PPB	*	XXXXXXXXXX			1	20.00	80.00	EXCESS KURTOSIS	-.9103
200 PPB	*	XXXXXXXXXX			1	20.00	100.00	COEFFICIENT OF VARIANCE, %	45.5729
500 PPB	*							STANDARD ERROR OF THE MEAN	16.5202
1 PPM	*							LOWER 95% LIMIT ON THE MEAN	26.6400
2 PPM	*							UPPER 95% LIMIT ON THE MEAN	118.3600
5 PPM	*							LOWER 95% LIMIT ON THE RANGE	-19.2201
	**	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	164.2201
0		20	40	60	80	100		GEOMETRIC MEAN	67.6947
								LOG10 MEAN	1.8306
								LOG10 VARIANCE	.0322
								LOG10 STANDARD DEVIATION	.1795
								STANDARD ERROR ON THE MEAN	.0897
								LOWER 95% LIMIT ON THE MEAN	38.1430
								UPPER 95% LIMIT ON THE MEAN	120.1419
								LOWER 95% LIMIT ON THE RANGE	21.4919
								UPPER 95% LIMIT ON THE RANGE	213.2229
								MINIMUM VALUE	50.0000
								25TH PERCENTILE OR 1ST QUARTILE	50.0000
								50TH PERCENTILE OR MEDIAN	70.0000
								75TH PERCENTILE OR 3RD QUARTILE	120.0000
								80TH PERCENTILE	120.0000
								90TH PERCENTILE	120.0000
								95TH PERCENTILE	120.0000
								98TH PERCENTILE	120.0000
								99TH PERCENTILE	120.0000
								MAXIMUM VALUE	120.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB AEXV

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPB *									TOTAL NUMBER OF SAMPLES	13
2 PPB *									NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *									NUMBER OF NON-ZERO SAMPLES	13
10 PPB *									ARITHMETIC MEAN	159.2308
20 PPB *									VARIANCE	2174.3590
50 PPB *									STANDARD DEVIATION	46.6300
100 PPB *	XXXXXXXX					2	15.38	15.38	SKEW	-.2573
200 PPB *	XX					9	69.23	84.62	EXCESS KURTOSIS	-.4399
500 PPB *	XXXXXXXX					2	15.38	100.00	COEFFICIENT OF VARIANCE. %	29.2846
1 PPM *									STANDARD ERROR OF THE MEAN	12.9328
2 PPM *									LOWER 95% LIMIT ON THE MEAN	131.2958
5 PPM *									UPPER 95% LIMIT ON THE MEAN	187.1657
	**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	58.5099
	0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	259.9516
									GEOMETRIC MEAN	151.9310
									LOG10 MEAN	2.1816
									LOG10 VARIANCE	.0212
									LOG10 STANDARD DEVIATION	.1457
									STANDARD ERROR ON THE MEAN	.0404
									LOWER 95% LIMIT ON THE MEAN	124.2608
									UPPER 95% LIMIT ON THE MEAN	185.7628
									LOWER 95% LIMIT ON THE RANGE	73.5932
									UPPER 95% LIMIT ON THE RANGE	313.6571
									MINIMUM VALUE	70.0000
									25TH PERCENTILE OR 1ST QUARTILE	140.0000
									50TH PERCENTILE OR MEDIAN	160.0000
									75TH PERCENTILE OR 3RD QUARTILE	200.0000
									80TH PERCENTILE	200.0000
									90TH PERCENTILE	240.0000
									95TH PERCENTILE	240.0000
									98TH PERCENTILE	240.0000
									99TH PERCENTILE	240.0000
									MAXIMUM VALUE	240.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 HG LKSD PPB BEXV

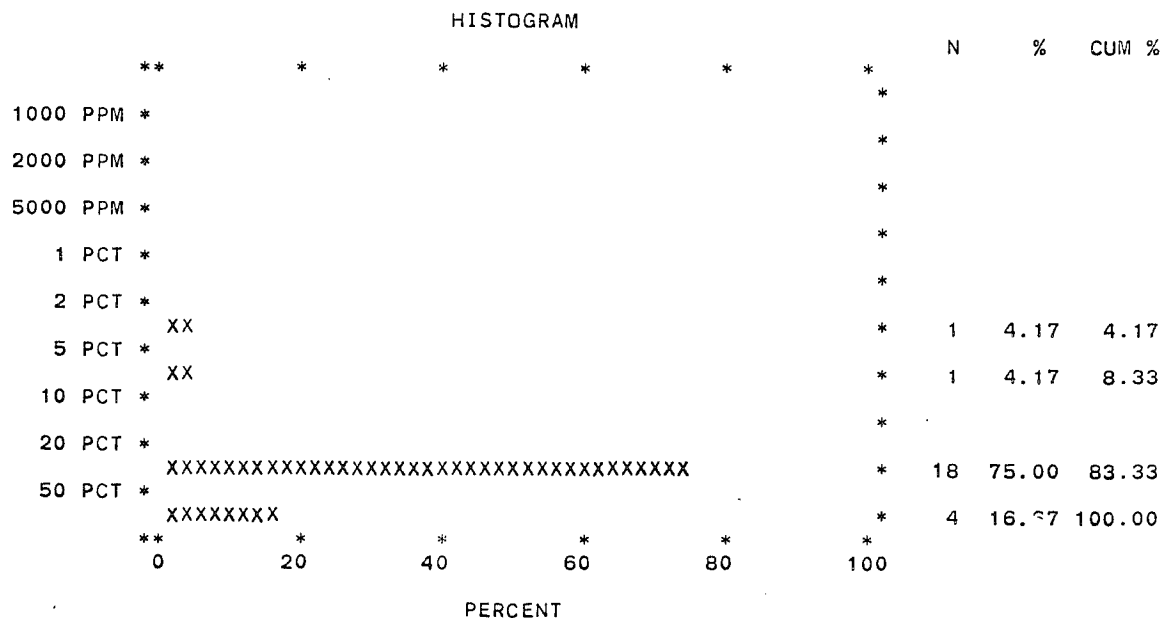
HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	58	
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	58	
5 PPB *					*			ARITHMETIC MEAN	141.0345	
10 PPB *					*			VARIANCE	2862.0690	
20 PPB *					*			STANDARD DEVIATION	53.4983	
50 PPB *	XXX				*	4	6.90	6.90	COEFFICIENT OF VARIANCE. %	37.9328
100 PPB *	XXXXXXXXXX				*	11	18.97	25.86	STANDARD ERROR OF THE MEAN	7.0247
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	36	62.07	87.93	LOWER 95% LIMIT ON THE MEAN	126.9739
500 PPB *	XXXXXX				*	7	12.07	100.00	UPPER 95% LIMIT ON THE MEAN	155.0951
1 PPM *					*				LOWER 95% LIMIT ON THE RANGE	33.9523
2 PPM *					*				UPPER 95% LIMIT ON THE RANGE	248.1167
5 PPM *					*				GEOMETRIC MEAN	129.6010
**	*	*	*	*	*				LOG10 MEAN	2.1126
0	20	40	60	80	100				LOG10 VARIANCE	.0373
									LOG10 STANDARD DEVIATION	.1932
									STANDARD ERROR ON THE MEAN	.0254
									LOWER 95% LIMIT ON THE MEAN	115.2977
									UPPER 95% LIMIT ON THE MEAN	145.6787
									LOWER 95% LIMIT ON THE RANGE	53.1889
									UPPER 95% LIMIT ON THE RANGE	315.7878
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUARTILE	100.0000
									50TH PERCENTILE OR MEDIAN	130.0000
									75TH PERCENTILE OR 3RD QUARTILE	190.0000
									80TH PERCENTILE	190.0000
									90TH PERCENTILE	210.0000
									95TH PERCENTILE	220.0000
									98TH PERCENTILE	290.0000
									99TH PERCENTILE	290.0000
									MAXIMUM VALUE	290.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GÉOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	HG LKSD	PPB	24	135.	52.6	39.0	.06	-.67	113.	157.	124.	2.0920	.1988	102.	150.
DIBS	HG LKSD	PPB	16	170.	52.4	30.8	.56	-.93	142.	198.	163.	2.2117	.1309	139.	191.
GRNT	HG LKSD	PPB	377	136.	51.0	37.6	.33	.03	131.	141.	125.	2.0977	.1854	120.	131.
GRNG	HG LKSD	PPB	227	135.	49.7	36.8	.30	.01	128.	141.	125.	2.0963	.1823	118.	132.
GRDR	HG LKSD	PPB	37	111.	36.1	32.6	-.07	.05	98.5	123.	104.	2.0162	.1665	91.3	118.
QZFP	HG LKSD	PPB	7	136.	46.5	34.3	-.07	-1.40	94.2	177.	128.	2.1085	.1605	92.3	179.
MGMT	HG LKSD	PPB	79	127.	44.8	35.3	.00	-.70	117.	137.	118.	2.0716	.1765	108.	129.
UMFC	HG LKSD	PPB	3	150.	55.7	37.1	-.32	-1.50	47.7	252.	142.	2.1531	.1789	66.7	303.
CGLM	HG LKSD	PPB	1	150.	.100E-05	.0	.00	.00	150.	150.	150.	2.1761	.0000	150.	150.
GRCK	HG LKSD	PPB	57	137.	57.7	42.2	.45	-.52	121.	152.	124.	2.0930	.2046	109.	140.
SCST	HG LKSD	PPB	1	110.	.100E-05	.0	.00	.00	110.	110.	110.	2.0414	.0000	110.	110.
GRSC	HG LKSD	PPB	4	72.5	33.0	45.6	.90	-.91	20.6	118.	67.7	1.8306	.1795	38.1	120.
AEXV	HG LKSD	PPB	13	159.	46.6	29.3	-.26	-.44	131.	187.	152.	2.1816	.1457	124.	186.
BEXV	HG LKSD	PPB	58	141.	53.5	37.9	.25	-.10	127.	155.	130.	2.1126	.1932	115.	146.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	HG LKSD	PPB	24	40.000	110.000	140.000	180.000	190.000	210.000	240.000	240.000	240.000	240.000	240.000
DIBS	HG LKSD	PPB	16	100.000	130.000	160.000	220.000	240.000	250.000	270.000	270.000	270.000	270.000	270.000
GRNT	HG LKSD	PPB	377	30.000	100.000	130.000	170.000	180.000	200.000	220.000	250.000	280.000	320.000	320.000
GRNG	HG LKSD	PPB	227	30.000	100.000	130.000	170.000	180.000	200.000	230.000	250.000	280.000	290.000	290.000
GRDR	HG LKSD	PPB	37	40.000	90.000	120.000	130.000	140.000	160.000	170.000	200.000	200.000	200.000	200.000
QZFP	HG LKSD	PPB	7	80.000	110.000	150.000	170.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000
MGMT	HG LKSD	PPB	79	40.000	90.000	130.000	160.000	170.000	180.000	200.000	210.000	230.000	230.000	230.000
UMFC	HG LKSD	PPB	3	90.000	160.000	160.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000
CGLM	HG LKSD	PPB	1	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000
GRCK	HG LKSD	PPB	57	30.000	100.000	120.000	170.000	200.000	230.000	250.000	260.000	260.000	260.000	260.000
SCST	HG LKSD	PPB	1	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000
GRSC	HG LKSD	PPB	4	50.000	50.000	70.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000
AEXV	HG LKSD	PPB	13	70.000	140.000	160.000	200.000	200.000	240.000	240.000	240.000	240.000	240.000	240.000
BEXV	HG LKSD	PPB	58	30.000	100.000	130.000	190.000	190.000	210.000	220.000	290.000	290.000	290.000	290.000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT AKRK



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	24
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	24
ARITHMETIC MEAN	39.6250
VARIANCE	255.1976
STANDARD DEVIATION	15.9749
SKEW	-.3727
EXCESS KURTOSIS	-.0236
COEFFICIENT OF VARIANCE, %	40.3152
STANDARD ERROR OF THE MEAN	3.2609
LOWER 95% LIMIT ON THE MEAN	32.8946
UPPER 95% LIMIT ON THE MEAN	46.3554
LOWER 95% LIMIT ON THE RANGE	6.6528
UPPER 95% LIMIT ON THE RANGE	72.5972
GEOMETRIC MEAN	34.4648
LOG10 MEAN	1.5374
LOG10 VARIANCE	.0829
LOG10 STANDARD DEVIATION	.2879
STANDARD ERROR ON THE MEAN	.0588
LOWER 95% LIMIT ON THE MEAN	26.0674
UPPER 95% LIMIT ON THE MEAN	45.5672
LOWER 95% LIMIT ON THE RANGE	8.7749
UPPER 95% LIMIT ON THE RANGE	135.3663
MINIMUM VALUE	3.2000
25TH PERCENTILE OR 1ST QUARTILE	32.8000
50TH PERCENTILE OR MEDIAN	41.8000
75TH PERCENTILE OR 3RD QUARTILE	49.6000
80TH PERCENTILE	49.6000
90TH PERCENTILE	64.6000
95TH PERCENTILE	68.4000
98TH PERCENTILE	68.4000
99TH PERCENTILE	68.4000
MAXIMUM VALUE	68.4000

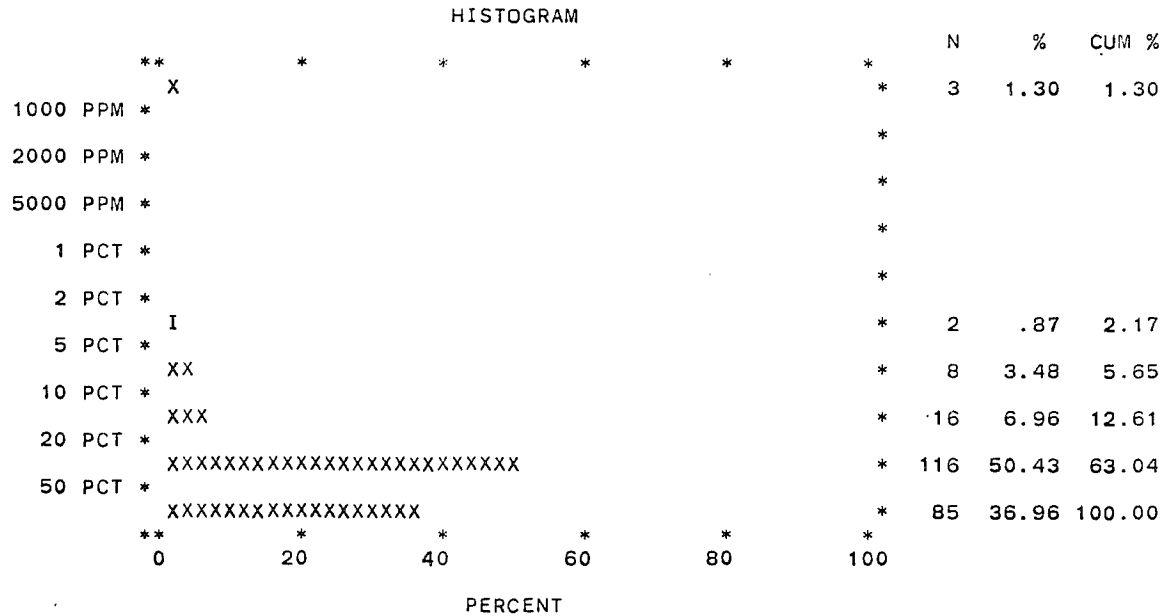
VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT DIBS

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	16
1 PCT *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PCT *					*			NUMBER OF NON-ZERO SAMPLES	16
5 PCT *					*			ARITHMETIC MEAN	50.0750
10 PCT *					*			VARIANCE	70.1487
20 PCT *					*			STANDARD DEVIATION	8.3755
50 PCT *					*			SKEW	-.2352
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	9	56.25	EXCESS KURTOSIS	-.7259
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	7	43.75	COEFFICIENT OF VARIANCE, %	16.7259
**	*	*	*	*	*			STANDARD ERROR OF THE MEAN	2.0939
0	20	40	60	80	100			LOWER 95% LIMIT ON THE MEAN	45.6360
								UPPER 95% LIMIT ON THE MEAN	54.5140
								LOWER 95% LIMIT ON THE RANGE	32.3190
								UPPER 95% LIMIT ON THE RANGE	67.8310
								GEOMETRIC MEAN	49.3846
								LOG10 MEAN	1.6936
								LOG10 VARIANCE	.0058
								LOG10 STANDARD DEVIATION	.0759
								STANDARD ERROR ON THE MEAN	.0190
								LOWER 95% LIMIT ON THE MEAN	45.0135
								UPPER 95% LIMIT ON THE MEAN	54.1802
								LOWER 95% LIMIT ON THE RANGE	34.0877
								UPPER 95% LIMIT ON THE RANGE	71.5462
								MINIMUM VALUE	34.8000
								25TH PERCENTILE OR 1ST QUARTILE	46.2000
								50TH PERCENTILE OR MEDIAN	49.4000
								75TH PERCENTILE OR 3RD QUARTILE	57.4000
								80TH PERCENTILE	57.6000
								90TH PERCENTILE	60.8000
								95TH PERCENTILE	64.2000
								98TH PERCENTILE	64.2000
								99TH PERCENTILE	64.2000
								MAXIMUM VALUE	64.2000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT GRNT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	384
1000 PPM *	X				*	8	2.08	NUMBER OF ZERO VALUE SAMPLES	8
2000 PPM *					*			NUMBER OF NON-ZERO SAMPLES	376
5000 PPM *					*			ARITHMETIC MEAN	44.7351
1 PCT *	I				*	1	.26	VARIANCE	279.5309
2 PCT *					*			STANDARD DEVIATION	16.7192
5 PCT *	X				*	6	1.56	SKEW	-.5286
10 PCT *	X				*	11	2.86	EXCESS KURTOSIS	.2370
20 PCT *	XXX				*	22	5.73	COEFFICIENT OF VARIANCE. %	37.3737
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	177	46.09	STANDARD ERROR OF THE MEAN	.8622
	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	159	41.41	LOWER 95% LIMIT ON THE MEAN	43.0396
**	*	*	*	*	*			UPPER 95% LIMIT ON THE MEAN	46.4307
0	20	40	60	80	100			LOWER 95% LIMIT ON THE RANGE	11.8572
								UPPER 95% LIMIT ON THE RANGE	77.6130
								GEOMETRIC MEAN	39.5869
								LOG10 MEAN	1.5976
								LOG10 VARIANCE	.0678
								LOG10 STANDARD DEVIATION	.2605
								STANDARD ERROR ON THE MEAN	.0134
								LOWER 95% LIMIT ON THE MEAN	37.2510
								UPPER 95% LIMIT ON THE MEAN	42.0693
								LOWER 95% LIMIT ON THE RANGE	12.1722
								UPPER 95% LIMIT ON THE RANGE	128.7457
								MINIMUM VALUE	1.8000
								25TH PERCENTILE OR 1ST QUARTILE	36.8000
								50TH PERCENTILE OR MEDIAN	47.8000
								75TH PERCENTILE OR 3RD QUARTILE	54.4000
								80TH PERCENTILE	57.2000
								90TH PERCENTILE	63.2000
								95TH PERCENTILE	68.8000
								98TH PERCENTILE	74.2000
								99TH PERCENTILE	79.2000
								MAXIMUM VALUE	96.8000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT GRNG



SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	230
NUMBER OF ZERO VALUE SAMPLES	3
NUMBER OF NON-ZERO SAMPLES	227
ARITHMETIC MEAN	42.4872
VARIANCE	265.8325
STANDARD DEVIATION	16.3044
SKEW	-.4962
EXCESS KURTOSIS	-.3802
COEFFICIENT OF VARIANCE, %	38.3748
STANDARD ERROR OF THE MEAN	1.0822
LOWER 95% LIMIT ON THE MEAN	40.3544
UPPER 95% LIMIT ON THE MEAN	44.6201
LOWER 95% LIMIT ON THE RANGE	10.3526
UPPER 95% LIMIT ON THE RANGE	74.6218
GEOMETRIC MEAN	37.7780
LOG10 MEAN	1.5772
LOG10 VARIANCE	.0608
LOG10 STANDARD DEVIATION	.2465
STANDARD ERROR ON THE MEAN	.0164
LOWER 95% LIMIT ON THE MEAN	35.0744
UPPER 95% LIMIT ON THE MEAN	40.6901
LOWER 95% LIMIT ON THE RANGE	12.3411
UPPER 95% LIMIT ON THE RANGE	115.6441
MINIMUM VALUE	2.4000
25TH PERCENTILE OR 1ST QUARTILE	32.4000
50TH PERCENTILE OR MEDIAN	45.8000
75TH PERCENTILE OR 3RD QUARTILE	53.2000
80TH PERCENTILE	56.8000
90TH PERCENTILE	61.2000
95TH PERCENTILE	65.8000
98TH PERCENTILE	70.6000
99TH PERCENTILE	75.0000
MAXIMUM VALUE	78.4000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT GRDR

HISTOGRAM						SUMMARY STATISTICS		
				N	%	CUM %		
**	*	*	*	*			TOTAL NUMBER OF SAMPLES	37
1000 PPM *				*			NUMBER OF ZERO VALUE SAMPLES	0
2000 PPM *				*			NUMBER OF NON-ZERO SAMPLES	37
5000 PPM *				*			ARITHMETIC MEAN	40.1243
1 PCT *				*			VARIANCE	272.7163
2 PCT *				*			STANDARD DEVIATION	16.5141
5 PCT *	X			*	1	2.70	SKEW	-.1667
10 PCT *	X			*	1	2.70	EXCESS KURTOSIS	-.1109
20 PCT *	XXXX			*	3	8.11	COEFFICIENT OF VARIANCE, %	41.1574
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	22	59.46	STANDARD ERROR OF THE MEAN	2.7149
	XXXXXXXXXXXXXXXXXXXX			*	10	27.03	LOWER 95% LIMIT ON THE MEAN	34.6204
				*			UPPER 95% LIMIT ON THE MEAN	45.6283
**	*	*	*	*			LOWER 95% LIMIT ON THE RANGE	6.6452
0	20	40	60	80	100		UPPER 95% LIMIT ON THE RANGE	73.6034
							GEOMETRIC MEAN	35.0973
							LOG10 MEAN	1.5453
							LOG10 VARIANCE	.0742
							LOG10 STANDARD DEVIATION	.2723
							STANDARD ERROR ON THE MEAN	.0448
							LOWER 95% LIMIT ON THE MEAN	28.4778
							UPPER 95% LIMIT ON THE MEAN	43.2554
							LOWER 95% LIMIT ON THE RANGE	9.8437
							UPPER 95% LIMIT ON THE RANGE	125.1381
							MINIMUM VALUE	3.2000
							25TH PERCENTILE OR 1ST QUARTILE	30.2000
							50TH PERCENTILE OR MEDIAN	40.8000
							75TH PERCENTILE OR 3RD QUARTILE	51.2000
							80TH PERCENTILE	53.8000
							90TH PERCENTILE	62.0000
							95TH PERCENTILE	70.6000
							98TH PERCENTILE	74.0000
							99TH PERCENTILE	74.0000
							MAXIMUM VALUE	74.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT QZFP

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7	
1 PCT *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PCT *					*			NUMBER OF NON-ZERO SAMPLES	7	
5 PCT *					*			ARITHMETIC MEAN	49.5714	
10 PCT *					*			VARIANCE	76.3790	
20 PCT *					*			STANDARD DEVIATION	8.7395	
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	42.86	SKEW	-1.2331
	XXXXXXXXXXXXXXXXXXXXXXX				*	4	57.14	100.00	EXCESS KURTOSIS	.8845
**	*	*	*	*	*			COEFFICIENT OF VARIANCE, %	17.6301	
0	20	40	60	80	100			STANDARD ERROR OF THE MEAN	3.3032	
								LOWER 95% LIMIT ON THE MEAN	41.7593	
								UPPER 95% LIMIT ON THE MEAN	57.3836	
								LOWER 95% LIMIT ON THE RANGE	28.9025	
								UPPER 95% LIMIT ON THE RANGE	70.2404	
								GEOMETRIC MEAN	48.7824	
								LOG10 MEAN	1.6883	
								LOG10 VARIANCE	.0078	
								LOG10 STANDARD DEVIATION	.0882	
								STANDARD ERROR ON THE MEAN	.0333	
								LOWER 95% LIMIT ON THE MEAN	40.6843	
								UPPER 95% LIMIT ON THE MEAN	58.4924	
								LOWER 95% LIMIT ON THE RANGE	30.1774	
								UPPER 95% LIMIT ON THE RANGE	78.8579	
								MINIMUM VALUE	31.6000	
								25TH PERCENTILE OR 1ST QUARTILE	50.0000	
								50TH PERCENTILE OR MEDIAN	51.0000	
								75TH PERCENTILE OR 3RD QUARTILE	54.0000	
								80TH PERCENTILE	60.0000	
								90TH PERCENTILE	60.0000	
								95TH PERCENTILE	60.0000	
								98TH PERCENTILE	60.0000	
								99TH PERCENTILE	60.0000	
								MAXIMUM VALUE	60.0000	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT MGMT

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	79
1000 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2000 PPM *					*			NUMBER OF NON-ZERO SAMPLES	79
5000 PPM *					*			ARITHMETIC MEAN	42.3772
1 PCT *					*			VARIANCE	396.6379
2 PCT *					*			STANDARD DEVIATION	19.9158
5 PCT *	X				*	2	2.53	SKEW	-.3679
10 PCT *	XXXX				*	6	7.59	EXCESS KURTOSIS	-.8217
20 PCT *	XXXX				*	6	7.59	COEFFICIENT OF VARIANCE, %	46.9964
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	36	45.57	STANDARD ERROR OF THE MEAN	2.2407
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	29	36.71	LOWER 95% LIMIT ON THE MEAN	37.9166
	**	*	*	*	*			UPPER 95% LIMIT ON THE MEAN	46.8378
	0	20	40	60	80	100		LOWER 95% LIMIT ON THE RANGE	2.7305
								UPPER 95% LIMIT ON THE RANGE	82.0239
								GEOMETRIC MEAN	35.0780
								LOG10 MEAN	1.5450
								LOG10 VARIANCE	.1020
								LOG10 STANDARD DEVIATION	.3194
								STANDARD ERROR ON THE MEAN	.0359
								LOWER 95% LIMIT ON THE MEAN	29.7508
								UPPER 95% LIMIT ON THE MEAN	41.3590
								LOWER 95% LIMIT ON THE RANGE	8.1135
								UPPER 95% LIMIT ON THE RANGE	151.6555
								MINIMUM VALUE	2.6000
								25TH PERCENTILE OR 1ST QUANTILE	29.0000
								50TH PERCENTILE OR MEDIAN	45.2000
								75TH PERCENTILE OR 3RD QUANTILE	58.2000
								80TH PERCENTILE	61.4000
								90TH PERCENTILE	68.4000
								95TH PERCENTILE	72.0000
								98TH PERCENTILE	73.8000
								99TH PERCENTILE	75.2000
								MAXIMUM VALUE	75.2000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT UMFC

HISTOGRAM

SUMMARY STATISTICS

			N	%	CUM %		
**	*	*	*	*	*	TOTAL NUMBER OF SAMPLES	3
						NUMBER OF ZERO VALUE SAMPLES	0
1 PCT *						NUMBER OF NON-ZERO SAMPLES	3
2 PCT *							
5 PCT *						ARITHMETIC MEAN	43.0667
10 PCT *						VARIANCE	275.2533
20 PCT *						STANDARD DEVIATION	16.5908
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					SKEW	.5087
						EXCESS KURTOSIS	-1.5000
	XXXXXXXXXXXXXXXXXXXX		2	66.67	66.67	COEFFICIENT OF VARIANCE, %	38.5234
	XXXXXXXXXXXXXXXXXXXX		1	33.33	100.00	STANDARD ERROR OF THE MEAN	9.5787
**	*	*	*	*	*	LOWER 95% LIMIT ON THE MEAN	12.5873
0	20	40	60	80	100	UPPER 95% LIMIT ON THE MEAN	73.5460
						LOWER 95% LIMIT ON THE RANGE	-9.7251
						UPPER 95% LIMIT ON THE RANGE	95.8585
						GEOMETRIC MEAN	41.0726
						LOG10 MEAN	1.6136
						LOG10 VARIANCE	.0262
						LOG10 STANDARD DEVIATION	.1618
						STANDARD ERROR ON THE MEAN	.0934
						LOWER 95% LIMIT ON THE MEAN	20.7151
						UPPER 95% LIMIT ON THE MEAN	81.4360
						LOWER 95% LIMIT ON THE RANGE	12.5509
						UPPER 95% LIMIT ON THE RANGE	134.4091
						MINIMUM VALUE	29.6000
						25TH PERCENTILE OR 1ST QUARTILE	38.0000
						50TH PERCENTILE OR MEDIAN	38.0000
						75TH PERCENTILE OR 3RD QUARTILE	61.6000
						80TH PERCENTILE	61.6000
						90TH PERCENTILE	61.6000
						95TH PERCENTILE	61.6000
						98TH PERCENTILE	61.6000
						99TH PERCENTILE	61.6000
						MAXIMUM VALUE	61.6000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	34.4000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	34.4000
UPPER 95% LIMIT ON THE MEAN	34.4000
LOWER 95% LIMIT ON THE RANGE	34.4000
UPPER 95% LIMIT ON THE RANGE	34.4000
GEOMETRIC MEAN	34.4000
LOG10 MEAN	1.5366
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	34.4000
UPPER 95% LIMIT ON THE MEAN	34.4000
LOWER 95% LIMIT ON THE RANGE	34.4000
UPPER 95% LIMIT ON THE RANGE	34.4000
MINIMUM VALUE	34.4000
25TH PERCENTILE OR 1ST QUARTILE	34.4000
50TH PERCENTILE OR MEDIAN	34.4000
75TH PERCENTILE OR 3RD QUARTILE	34.4000
80TH PERCENTILE	34.4000
90TH PERCENTILE	34.4000
95TH PERCENTILE	34.4000
98TH PERCENTILE	34.4000
99TH PERCENTILE	34.4000
MAXIMUM VALUE	34.4000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT GRCK

HISTOGRAM						SUMMARY STATISTICS		
				N	%	CUM %		
1000 PPM	*			1	1.75	1.75	TOTAL NUMBER OF SAMPLES	57
2000 PPM	*						NUMBER OF ZERO VALUE SAMPLES	1
5000 PPM	*						NUMBER OF NON-ZERO SAMPLES	56
1 PCT	*						ARITHMETIC MEAN	40.3000
2 PCT	*						VARIANCE	280.8655
5 PCT	*			1	1.75	3.51	STANDARD DEVIATION	16.7590
10 PCT	*			4	7.02	10.53	SKEW	-.1082
20 PCT	*			1	1.75	12.28	EXCESS KURTOSIS	.2884
50 PCT	*			39	68.42	80.70	COEFFICIENT OF VARIANCE, %	41.5857
	*			11	19.30	100.00	STANDARD ERROR OF THE MEAN	2.2395
	*						LOWER 95% LIMIT ON THE MEAN	35.8138
	*						UPPER 95% LIMIT ON THE MEAN	44.7862
	*						LOWER 95% LIMIT ON THE RANGE	6.7283
	*						UPPER 95% LIMIT ON THE RANGE	73.8717
	*						GEOMETRIC MEAN	35.0757
	*						LOG10 MEAN	1.5450
	*						LOG10 VARIANCE	.0758
	*						LOG10 STANDARD DEVIATION	.2754
	*						STANDARD ERROR ON THE MEAN	.0368
	*						LOWER 95% LIMIT ON THE MEAN	29.6001
	*						UPPER 95% LIMIT ON THE MEAN	41.5641
	*						LOWER 95% LIMIT ON THE RANGE	9.8490
	*						UPPER 95% LIMIT ON THE RANGE	124.9165
	*						MINIMUM VALUE	3.0000
	*						25TH PERCENTILE OR 1ST QUARTILE	31.0000
	*						50TH PERCENTILE OR MEDIAN	42.4000
	*						75TH PERCENTILE OR 3RD QUARTILE	49.0000
	*						80TH PERCENTILE	52.4000
	*						90TH PERCENTILE	60.0000
	*						95TH PERCENTILE	77.2000
	*						98TH PERCENTILE	78.2000
	*						99TH PERCENTILE	78.2000
	*						MAXIMUM VALUE	78.2000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
LOI LKSD	PCT	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	62.4000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	62.4000
UPPER 95% LIMIT ON THE MEAN	62.4000
LOWER 95% LIMIT ON THE RANGE	62.4000
UPPER 95% LIMIT ON THE RANGE	62.4000
GEOMETRIC MEAN	62.4000
LOG10 MEAN	1.7952
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	62.4000
UPPER 95% LIMIT ON THE MEAN	62.4000
LOWER 95% LIMIT ON THE RANGE	62.4000
UPPER 95% LIMIT ON THE RANGE	62.4000
MINIMUM VALUE	62.4000
25TH PERCENTILE OR 1ST QUARTILE	62.4000
50TH PERCENTILE OR MEDIAN	62.4000
75TH PERCENTILE OR 3RD QUARTILE	62.4000
80TH PERCENTILE	62.4000
90TH PERCENTILE	62.4000
95TH PERCENTILE	62.4000
98TH PERCENTILE	62.4000
99TH PERCENTILE	62.4000
MAXIMUM VALUE	62.4000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT GRSC

HISTOGRAM						SUMMARY STATISTICS	
				N	%	CUM %	
1000 PPM *	XXXXXXXXXX	*	*	1	20.00	20.00	TOTAL NUMBER OF SAMPLES 5
2000 PPM *							NUMBER OF ZERO VALUE SAMPLES 1
5000 PPM *							NUMBER OF NON-ZERO SAMPLES 4
1 PCT *							ARITHMETIC MEAN 32.4000
2 PCT *							VARIANCE 887.2800
5 PCT *	XXXXXXXXXX			1	20.00	40.00	STANDARD DEVIATION 29.7872
10 PCT *							SKEW .1316
20 PCT *	XXXXXXXXXX			1	20.00	60.00	EXCESS KURTOSIS -1.7434
50 PCT *	XXXXXXXXXX			1	20.00	80.00	COEFFICIENT OF VARIANCE. % 91.9359
	XXXXXXXXXX			1	20.00	100.00	STANDARD ERROR OF THE MEAN 14.8936
							LOWER 95% LIMIT ON THE MEAN -8.9447
							UPPER 95% LIMIT ON THE MEAN 73.7447
							LOWER 95% LIMIT ON THE RANGE -50.2894
							UPPER 95% LIMIT ON THE RANGE 115.0894
							GEOMETRIC MEAN 19.0479
							LOG10 MEAN 1.2798
							LOG10 VARIANCE .3433
							LOG10 STANDARD DEVIATION .5859
							STANDARD ERROR ON THE MEAN .2930
							LOWER 95% LIMIT ON THE MEAN 2.9280
							UPPER 95% LIMIT ON THE MEAN 123.9164
							LOWER 95% LIMIT ON THE RANGE .4501
							UPPER 95% LIMIT ON THE RANGE 806.1407
							MINIMUM VALUE 3.6000
							25TH PERCENTILE OR 1ST QUARTILE 11.4000
							50TH PERCENTILE OR MEDIAN 48.6000
							75TH PERCENTILE OR 3RD QUARTILE 66.0000
							80TH PERCENTILE 66.0000
							90TH PERCENTILE 66.0000
							95TH PERCENTILE 66.0000
							98TH PERCENTILE 66.0000
							99TH PERCENTILE 66.0000
							MAXIMUM VALUE 66.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT AEXV

HISTOGRAM						SUMMARY STATISTICS				
**	*	*	*	*	*	N	%	CUM %		
1 PCT *					*				TOTAL NUMBER OF SAMPLES	13
2 PCT *					*				NUMBER OF ZERO VALUE SAMPLES	0
5 PCT *					*				NUMBER OF NON-ZERO SAMPLES	13
10 PCT *					*				ARITHMETIC MEAN	46.5538
20 PCT *					*				VARIANCE	148.2610
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	7	53.85	53.85	STANDARD DEVIATION	12.1762
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	6	46.15	100.00	SKEW	-.6174
**	*	*	*	*	*				EXCESS KURTOSIS	-.8449
0	20	40	60	80	100				COEFFICIENT OF VARIANCE, %	26.1552
									STANDARD ERROR OF THE MEAN	3.3771
									LOWER 95% LIMIT ON THE MEAN	39.2593
									UPPER 95% LIMIT ON THE MEAN	53.8483
									LOWER 95% LIMIT ON THE RANGE	20.2531
									UPPER 95% LIMIT ON THE RANGE	72.8545
									GEOMETRIC MEAN	44.8195
									LOG10 MEAN	1.6515
									LOG10 VARIANCE	.0171
									LOG10 STANDARD DEVIATION	.1308
									STANDARD ERROR ON THE MEAN	.0363
									LOWER 95% LIMIT ON THE MEAN	37.4205
									UPPER 95% LIMIT ON THE MEAN	53.6814
									LOWER 95% LIMIT ON THE RANGE	23.3855
									UPPER 95% LIMIT ON THE RANGE	85.8988
									MINIMUM VALUE	23.4000
									25TH PERCENTILE OR 1ST QUARTILE	36.6000
									50TH PERCENTILE OR MEDIAN	49.2000
									75TH PERCENTILE OR 3RD QUARTILE	59.0000
									80TH PERCENTILE	59.0000
									90TH PERCENTILE	60.4000
									95TH PERCENTILE	60.4000
									98TH PERCENTILE	60.4000
									99TH PERCENTILE	60.4000
									MAXIMUM VALUE	60.4000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 LOI LKSD PCT BEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
	**	*	*	*	*			TOTAL NUMBER OF SAMPLES	58
1000 PPM *					*			NUMBER OF ZERO VALUE SAMPLES	0
2000 PPM *					*			NUMBER OF NON-ZERO SAMPLES	58
5000 PPM *					*			ARITHMETIC MEAN	42.0897
1 PCT *					*			VARIANCE	268.8957
2 PCT *	X				*	1	1.72	STANDARD DEVIATION	16.3980
5 PCT *	X				*	1	1.72	SKEW	-.8882
10 PCT *	XX				*	2	3.45	EXCESS KURTOSIS	.0987
20 PCT *	XXXX				*	5	8.52	COEFFICIENT OF VARIANCE, %	38.9598
50 PCT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	29	50.00	STANDARD ERROR OF THE MEAN	2.1532
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	20	34.48	LOWER 95% LIMIT ON THE MEAN	37.7799
	**	*	*	*	*			UPPER 95% LIMIT ON THE MEAN	46.3994
	0	20	40	60	80	100		LOWER 95% LIMIT ON THE RANGE	9.2673
								UPPER 95% LIMIT ON THE RANGE	74.9120
								GEOMETRIC MEAN	36.0073
								LOG10 MEAN	1.5564
								LOG10 VARIANCE	.0959
								LOG10 STANDARD DEVIATION	.3097
								STANDARD ERROR ON THE MEAN	.0407
								LOWER 95% LIMIT ON THE MEAN	29.8543
								UPPER 95% LIMIT ON THE MEAN	43.4285
								LOWER 95% LIMIT ON THE RANGE	8.6415
								UPPER 95% LIMIT ON THE RANGE	150.0344
								MINIMUM VALUE	2.0000
								25TH PERCENTILE OR 1ST QUARTILE	35.4000
								50TH PERCENTILE OR MEDIAN	46.4000
								75TH PERCENTILE OR 3RD QUARTILE	54.0000
								80TH PERCENTILE	56.2000
								90TH PERCENTILE	58.0000
								95TH PERCENTILE	62.6000
								98TH PERCENTILE	70.4000
								99TH PERCENTILE	70.4000
								MAXIMUM VALUE	70.4000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	G geom MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
AKRK	LOI LKSD	PCT	24	39.6	16.0	40.3	-.37	-.02	32.9	46.4	34.5	1.5374	.2879	26.1	45.6
DIBS	LOI LKSD	PCT	16	50.1	8.38	16.7	-.24	-.73	45.6	54.5	49.4	1.6936	.0759	45.0	54.2
GRNT	LOI LKSD	PCT	376	44.7	16.7	37.4	-.53	.24	43.0	46.4	39.6	1.5976	.2605	37.3	42.1
GRNG	LOI LKSD	PCT	227	42.5	16.3	38.4	-.50	-.38	40.4	44.6	37.8	1.5772	.2465	35.1	40.7
GRDR	LOI LKSD	PCT	37	40.1	16.5	41.2	-.17	-.11	34.6	45.6	35.1	1.5453	.2723	28.5	43.3
QZFP	LOI LKSD	PCT	7	49.6	8.74	17.6	-1.23	.88	41.8	57.4	48.8	1.6883	.0882	40.7	58.5
MGMT	LOI LKSD	PCT	79	42.4	19.9	47.0	-.37	-.92	37.9	46.8	35.1	1.5450	.3194	29.8	41.4
UMFC	LOI LKSD	PCT	3	43.1	16.6	38.5	.51	-1.50	12.6	73.5	41.1	1.6136	.1618	20.7	81.4
CGLM	LOI LKSD	PCT	1	34.4	.100E-05	.0	.00	.00	34.4	34.4	34.4	1.5366	.0000	34.4	34.4
GRCK	LOI LKSD	PCT	56	40.3	16.8	41.6	-.11	.29	35.8	44.8	35.1	1.5450	.2754	29.6	41.6
SCST	LOI LKSD	PCT	1	62.4	.100E-05	.0	.00	.00	62.4	62.4	62.4	1.7952	.0000	62.4	62.4
GRSC	LOI LKSD	PCT	4	32.4	29.8	91.9	.13	-1.74	-8.94	73.7	19.0	1.2798	.5859	2.93	124.
AEXV	LOI LKSD	PCT	13	46.6	12.2	26.2	-.62	-.84	39.3	53.8	44.8	1.6515	.1308	37.4	53.7
BEXV	LOI LKSD	PCT	58	42.1	16.4	39.0	-.89	.10	37.8	46.4	36.0	1.5564	.3097	29.9	43.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
AKRK	LOI LKSD	PCT	24	3.200	32.800	41.800	49.600	49.600	64.600	68.400	68.400	68.400	68.400	68.400
DIBS	LOI LKSD	PCT	16	34.800	46.200	49.400	57.400	57.600	60.800	64.200	64.200	64.200	64.200	64.200
GRNT	LOI LKSD	PCT	376	1.800	36.800	47.800	54.400	57.200	63.200	68.800	74.200	79.200	96.800	96.800
GRNG	LOI LKSD	PCT	227	2.400	32.400	45.800	53.200	56.800	61.200	65.800	70.600	75.000	78.400	78.400
GRDR	LOI LKSD	PCT	37	3.200	30.200	40.800	51.200	53.800	62.000	70.600	74.000	74.000	74.000	74.000
QZFP	LOI LKSD	PCT	7	31.600	50.000	51.000	54.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000
MGMT	LOI LKSD	PCT	79	2.600	29.000	45.200	58.200	61.400	68.400	72.000	73.800	75.200	75.200	75.200
UMFC	LOI LKSD	PCT	3	29.600	38.000	38.000	61.600	61.600	61.600	61.600	61.600	61.600	61.600	61.600
CGLM	LOI LKSD	PCT	1	34.400	34.400	34.400	34.400	34.400	34.400	34.400	34.400	34.400	34.400	34.400
GRCK	LOI LKSD	PCT	56	3.000	31.000	42.400	49.000	52.400	60.000	77.200	78.200	78.200	78.200	78.200
SCST	LOI LKSD	PCT	1	62.400	62.400	62.400	62.400	62.400	62.400	62.400	62.400	62.400	62.400	62.400
GRSC	LOI LKSD	PCT	4	3.600	11.400	48.600	66.000	66.000	66.000	66.000	66.000	66.000	66.000	66.000
AEXV	LOI LKSD	PCT	13	23.400	36.600	49.200	59.000	59.000	60.400	60.400	60.400	60.400	60.400	60.400
BEXV	LOI LKSD	PCT	58	2.000	35.400	46.400	54.000	56.200	58.000	62.600	70.400	70.400	70.400	70.400

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKSD PPM AKRK

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
	**	*	*	*	*				TOTAL NUMBER OF SAMPLES	24
100 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
200 PPB *					*				NUMBER OF NON-ZERO SAMPLES	24
500 PPB *					*				ARITHMETIC MEAN	3.5000
1 PPM *					*				VARIANCE	2.5078
	XXXXXX				*	3	12.50	12.50	STANDARD DEVIATION	1.5836
2 PPM *					*				SKEW	.6000
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	16	66.67	79.17	EXCESS KURTOSIS	-1.0259
10 PPM *	XXXXXXXXXXXX				*	5	20.83	100.00	COEFFICIENT OF VARIANCE, %	45.2460
20 PPM *					*				STANDARD ERROR OF THE MEAN	.3233
50 PPM *					*				LOWER 95% LIMIT ON THE MEAN	2.8328
	**	*	*	*	*				UPPER 95% LIMIT ON THE MEAN	4.1672
	0	20	40	60	80	100			LOWER 95% LIMIT ON THE RANGE	.2314
									UPPER 95% LIMIT ON THE RANGE	6.7686
									GEOMETRIC MEAN	3.1788
									LOG10 MEAN	.5023
									LOG10 VARIANCE	.0377
									LOG10 STANDARD DEVIATION	.1942
									STANDARD ERROR ON THE MEAN	.0396
									LOWER 95% LIMIT ON THE MEAN	2.6328
									UPPER 95% LIMIT ON THE MEAN	3.8379
									LOWER 95% LIMIT ON THE RANGE	1.2628
									UPPER 95% LIMIT ON THE RANGE	8.0016
									MINIMUM VALUE	1.5000
									25TH PERCENTILE OR 1ST QUARTILE	2.4000
									50TH PERCENTILE OR MEDIAN	3.2000
									75TH PERCENTILE OR 3RD QUARTILE	4.7000
									80TH PERCENTILE	5.3000
									90TH PERCENTILE	6.4000
									95TH PERCENTILE	6.4000
									98TH PERCENTILE	6.4000
									99TH PERCENTILE	6.4000
									MAXIMUM VALUE	6.4000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET	HISTOGRAM			SUMMARY STATISTICS			
U LKSD	PPM	DIBS		N	%	CUM %			
			**	*	*	*	*		
10 PPB *				*			TOTAL NUMBER OF SAMPLES		16
20 PPB *				*			NUMBER OF ZERO VALUE SAMPLES		0
50 PPB *				*			NUMBER OF NON-ZERO SAMPLES		16
100 PPB *				*			ARITHMETIC MEAN		2.0938
200 PPB *				*			VARIANCE		4.2460
500 PPB *				*			STANDARD DEVIATION		2.0606
				*			SKEW		3.2779
1 PPM *			XXXXXX	*	2	12.50	EXCESS KURTOSIS		9.5497
2 PPM *			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	*	11	68.75	COEFFICIENT OF VARIANCE, %		98.4154
5 PPM *			XXXXXX	*	2	12.50	STANDARD ERROR OF THE MEAN		.5151
10 PPM *			XXX	*	1	6.25	LOWER 95% LIMIT ON THE MEAN		1.0016
20 PPM *				*			UPPER 95% LIMIT ON THE MEAN		3.1859
50 PPM *				*			LOWER 95% LIMIT ON THE RANGE		-2.2747
				*			UPPER 95% LIMIT ON THE RANGE		6.4622
			**	*	*	*	GEOMETRIC MEAN		1.7043
			0	20	40	60	LOG10 MEAN		.2315
							LOG10 VARIANCE		.0586
							LOG10 STANDARD DEVIATION		.2421
							STANDARD ERROR ON THE MEAN		.0605
							LOWER 95% LIMIT ON THE MEAN		1.2684
							UPPER 95% LIMIT ON THE MEAN		2.2900
							LOWER 95% LIMIT ON THE RANGE		.5228
							UPPER 95% LIMIT ON THE RANGE		5.5556
							MINIMUM VALUE		.8000
							25TH PERCENTILE OR 1ST QUARTILE		1.3000
							50TH PERCENTILE OR MEDIAN		1.8000
							75TH PERCENTILE OR 3RD QUARTILE		1.9000
							80TH PERCENTILE		2.3000
							90TH PERCENTILE		2.7000
							95TH PERCENTILE		9.6000
							98TH PERCENTILE		9.6000
							99TH PERCENTILE		9.6000
							MAXIMUM VALUE		9.6000

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET					SUMMARY STATISTICS	
U	LKSD	PPM	GRNT						
					HISTOGRAM				
**	*	*	*	*	*	N	%	CUM %	
10	PPB	*		*					TOTAL NUMBER OF SAMPLES 384
				*					NUMBER OF ZERO VALUE SAMPLES 0
				*					NUMBER OF NON-ZERO SAMPLES 384
20	PPB	*		*					
50	PPB	*		*					ARITHMETIC MEAN 7.8128
				*					VARIANCE 61.7584
100	PPB	*		*					STANDARD DEVIATION 7.8587
				*	1	.26	.26		SKEW 4.0219
200	PPB	*		*					EXCESS KURTOSIS 28.2797
500	PPB	*		*					COEFFICIENT OF VARIANCE, % 100.5874
				*	2	.52	.78		STANDARD ERROR OF THE MEAN .4010
1	PPM	*		*	39	10.16	10.94		LOWER 95% LIMIT ON THE MEAN 7.0242
				*	139	36.20	47.14		UPPER 95% LIMIT ON THE MEAN 8.6013
2	PPM	*		*	109	28.39	75.52		LOWER 95% LIMIT ON THE RANGE -7.6399
5	PPM	*		*	73	19.01	94.53		UPPER 95% LIMIT ON THE RANGE 23.2654
10	PPM	*		*	20	5.21	99.74		GEOMETRIC MEAN 5.5528
20	PPM	*		*	1	.26	100.00		LOG10 MEAN .7445
50	PPM	*		*					LOG10 VARIANCE .1292
100	PPM	*		*					LOG10 STANDARD DEVIATION .3594
200	PPM	*		*					STANDARD ERROR ON THE MEAN .0183
500	PPM	*		*					LOWER 95% LIMIT ON THE MEAN 5.1103
				*					UPPER 95% LIMIT ON THE MEAN 6.0335
				*					LOWER 95% LIMIT ON THE RANGE 1.0911
				*					UPPER 95% LIMIT ON THE RANGE 28.2596
**	*	*	*	*	*				
0	20	40	60	80	100				
					PERCENT				
								MINIMUM VALUE .2000	
								25TH PERCENTILE OR 1ST QUARTILE 3.2000	
								50TH PERCENTILE OR MEDIAN 5.7000	
								75TH PERCENTILE OR 3RD QUARTILE 9.9000	
								80TH PERCENTILE 11.1000	
								90TH PERCENTILE 15.3000	
								95TH PERCENTILE 21.3000	
								98TH PERCENTILE 28.3000	
								99TH PERCENTILE 40.6000	
								MAXIMUM VALUE 85.9000	

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET			SUMMARY STATISTICS	
U	LKSD	PPM	GRNG				
HISTOGRAM				N	%	CUM %	
**	*	*	*	*	*	*	
10 PPB	*						TOTAL NUMBER OF SAMPLES 230
20 PPB	*						NUMBER OF ZERO VALUE SAMPLES 0
50 PPB	*						NUMBER OF NON-ZERO SAMPLES 230
100 PPB	*						ARITHMETIC MEAN 3.6648
200 PPB	*						VARIANCE 6.7894
500 PPB	I			1	.43	.43	STANDARD DEVIATION 2.6056
1 PPM	I			2	.87	1.30	SKEW 2.3568
2 PPM	XXXXXXXXXX			52	22.61	23.91	EXCESS KURTOSIS 7.3375
5 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			134	58.26	82.17	COEFFICIENT OF VARIANCE, % 71.0995
10 PPM	XXXXXXX			32	13.91	96.09	STANDARD ERROR OF THE MEAN .1718
20 PPM	XX			9	3.91	100.00	LOWER 95% LIMIT ON THE MEAN 3.3262
50 PPM							UPPER 95% LIMIT ON THE MEAN 4.0034
100 PPM							LOWER 95% LIMIT ON THE RANGE -1.4704
200 PPM							UPPER 95% LIMIT ON THE RANGE 8.8000
500 PPM							GEOMETRIC MEAN 3.0495
							LOG10 MEAN .4842
							LOG10 VARIANCE .0652
							LOG10 STANDARD DEVIATION .2554
							STANDARD ERROR ON THE MEAN .0168
							LOWER 95% LIMIT ON THE MEAN 2.8251
							UPPER 95% LIMIT ON THE MEAN 3.2916
							LOWER 95% LIMIT ON THE RANGE .9570
							UPPER 95% LIMIT ON THE RANGE 9.7173
**	*	*	*	*	*	*	
0	20	40	60	80	100		
PERCENT							MINIMUM VALUE .3000
							25TH PERCENTILE OR 1ST QUARTILE 2.1000
							50TH PERCENTILE OR MEDIAN 2.9000
							75TH PERCENTILE OR 3RD QUARTILE 4.3000
							90TH PERCENTILE 4.8000
							90TH PERCENTILE 6.9000
							95TH PERCENTILE 9.8000
							98TH PERCENTILE 12.8000
							99TH PERCENTILE 14.1000
							MAXIMUM VALUE 19.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKSD PPM GRDR

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
10 PPB *					*				TOTAL NUMBER OF SAMPLES	37
20 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *					*				NUMBER OF NON-ZERO SAMPLES	37
100 PPB *					*				ARITHMETIC MEAN	2.8838
200 PPB *					*				VARIANCE	9.7514
500 PPB *					*				STANDARD DEVIATION	3.1227
1 PPM *	XXXX				*	3	8.11	8.11	SKEW	3.5982
2 PPM *	XXXXXXXXXXXXXXXXXX				*	10	27.03	35.14	EXCESS KURTOSIS	12.4370
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	22	59.46	94.59	COEFFICIENT OF VARIANCE, %	108.2856
10 PPM *					*				STANDARD ERROR OF THE MEAN	.5134
20 PPM *	XXX				*	2	5.41	100.00	LOWER 95% LIMIT ON THE MEAN	1.8430
50 PPM *					*				UPPER 95% LIMIT ON THE MEAN	3.9245
100 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-3.4469
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	9.2145
500 PPM *					*				GEOMETRIC MEAN	2.2258
					*				LOG10 MEAN	.3475
					*				LOG10 VARIANCE	.0779
					*				LOG10 STANDARD DEVIATION	.2792
					*				STANDARD ERROR ON THE MEAN	.0459
					*				LOWER 95% LIMIT ON THE MEAN	1.7966
					*				UPPER 95% LIMIT ON THE MEAN	2.7575
					*				LOWER 95% LIMIT ON THE RANGE	.6047
					*				UPPER 95% LIMIT ON THE RANGE	8.1923
	**	*	*	*	*				MINIMUM VALUE	.6000
	0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUARTILE	1.5000
									50TH PERCENTILE OR MEDIAN	2.2000
									75TH PERCENTILE OR 3RD QUARTILE	2.9000
									80TH PERCENTILE	3.0000
									90TH PERCENTILE	3.7000
									95TH PERCENTILE	13.5000
									98TH PERCENTILE	16.9000
									99TH PERCENTILE	16.9000
									MAXIMUM VALUE	16.9000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKSD PPM QZFP

HISTOGRAM						SUMMARY STATISTICS					
					N	%	CUM %				
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	7		
100 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0		
200 PPB *					*			NUMBER OF NON-ZERO SAMPLES	7		
500 PPB *					*			ARITHMETIC MEAN	7.6714		
1 PPM *					*			VARIANCE	13.5557		
2 PPM *					*			STANDARD DEVIATION	3.6818		
5 PPM *	XXXXXXXXXXXXXXXXXX				*	2	28.57	28.57	COEFFICIENT OF VARIANCE, %	47.9938	
10 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				*	3	42.86	71.43	STANDARD ERROR OF THE MEAN	1.3916	
20 PPM *	XXXXXXXXXXXXXXXXXX				*	2	28.57	100.00	LOWER 95% LIMIT ON THE MEAN	4.3803	
50 PPM *					*				UPPER 95% LIMIT ON THE MEAN	10.9625	
100 PPM *					*				LOWER 95% LIMIT ON THE RANGE	-1.0360	
200 PPM *					*				UPPER 95% LIMIT ON THE RANGE	16.3789	
500 PPM *					*				GEOMETRIC MEAN	6.7112	
					*				LOG10 MEAN	.8268	
					*				LOG10 VARIANCE	.0696	
					*				LOG10 STANDARD DEVIATION	.2639	
**	*	*	*	*	*					STANDARD ERROR ON THE MEAN	.0997
0	20	40	60	80	100					LOWER 95% LIMIT ON THE MEAN	3.8987
										UPPER 95% LIMIT ON THE MEAN	11.5524
										LOWER 95% LIMIT ON THE RANGE	1.5949
										UPPER 95% LIMIT ON THE RANGE	28.2399
										MINIMUM VALUE	2.3000
										25TH PERCENTILE OR 1ST QUARTILE	6.6000
										50TH PERCENTILE OR MEDIAN	8.1000
										75TH PERCENTILE OR 3RD QUARTILE	11.3000
										80TH PERCENTILE	12.3000
										90TH PERCENTILE	12.3000
										95TH PERCENTILE	12.3000
										98TH PERCENTILE	12.3000
										99TH PERCENTILE	12.3000
										MAXIMUM VALUE	12.3000

PERCENT

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		
U	LKSD	PPM	MGMT		
HISTOGRAM					
**	*	*	*	*	
1 PPB *					
2 PPB *					
5 PPB *					
10 PPB *					
20 PPB *					
50 PPB *					
100 PPB *	X				
200 PPB *					
500 PPB *					
1 PPM *	X				
2 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX				
10 PPM *	XXX				
20 PPM *	X				
50 PPM *	X				
100 PPM *					
200 PPM *					
500 PPM *					
**	*	*	*	*	
0	20	40	60	80	
PERCENT					
N % CUM %					
TOTAL NUMBER OF SAMPLES					79
NUMBER OF ZERO VALUE SAMPLES					0
NUMBER OF NON-ZERO SAMPLES					79
ARITHMETIC MEAN					2.8215
VARIANCE					8.3448
STANDARD DEVIATION					2.8887
SKEW					4.7571
EXCESS KURTOSIS					25.1224
COEFFICIENT OF VARIANCE, %					102.3822
STANDARD ERROR OF THE MEAN					.3250
LOWER 95% LIMIT ON THE MEAN					2.1745
UPPER 95% LIMIT ON THE MEAN					3.4685
LOWER 95% LIMIT ON THE RANGE					-2.9291
UPPER 95% LIMIT ON THE RANGE					8.5722
GEOMETRIC MEAN					2.2515
LOG10 MEAN					.3525
LOG10 VARIANCE					.0769
LOG10 STANDARD DEVIATION					.2773
STANDARD ERROR ON THE MEAN					.0312
LOWER 95% LIMIT ON THE MEAN					1.9514
UPPER 95% LIMIT ON THE MEAN					2.5976
LOWER 95% LIMIT ON THE RANGE					.6315
UPPER 95% LIMIT ON THE RANGE					8.0267
MINIMUM VALUE					.1000
25TH PERCENTILE OR 1ST QUARTILE					1.7000
50TH PERCENTILE OR MEDIAN					2.2000
75TH PERCENTILE OR 3RD QUARTILE					2.8000
80TH PERCENTILE					2.9000
90TH PERCENTILE					4.6000
95TH PERCENTILE					6.6000
98TH PERCENTILE					16.6000
99TH PERCENTILE					21.2000
MAXIMUM VALUE					21.2000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET	HISTOGRAM			SUMMARY STATISTICS	
U LKSD	PPM	UMFC		N	%	CUM %	
100 PPB *			** * * * *				TOTAL NUMBER OF SAMPLES 3
200 PPB *							NUMBER OF ZERO VALUE SAMPLES 0
500 PPB *							NUMBER OF NON-ZERO SAMPLES 3
1 PPM *							ARITHMETIC MEAN 1.7333
2 PPM *			XXXXXXXXXXXXXXXXXXXXXXXXXXXX	2	66.67	66.67	VARIANCE .2233
5 PPM *			XXXXXXXXXXXXXXXXXXXX	1	33.33	100.00	STANDARD DEVIATION .4726
10 PPM *							SKEW -.5673
20 PPM *							EXCESS KURTOSIS -1.5000
50 PPM *							COEFFICIENT OF VARIANCE, % 27.2643
			** * * * *				STANDARD ERROR OF THE MEAN .2728
			0 20 40 60 80 100				LOWER 95% LIMIT ON THE MEAN .8651
							UPPER 95% LIMIT ON THE MEAN 2.6015
							LOWER 95% LIMIT ON THE RANGE .2296
							UPPER 95% LIMIT ON THE RANGE 3.2371
							GEOMETRIC MEAN 1.6855
							LOG10 MEAN .2267
							LOG10 VARIANCE .0168
							LOG10 STANDARD DEVIATION .1296
							STANDARD ERROR ON THE MEAN .0748
							LOWER 95% LIMIT ON THE MEAN .9741
							UPPER 95% LIMIT ON THE MEAN 2.9162
							LOWER 95% LIMIT ON THE RANGE .6521
							UPPER 95% LIMIT ON THE RANGE 4.3564
							MINIMUM VALUE 1.2000
							25TH PERCENTILE OR 1ST QUANTILE 1.9000
							50TH PERCENTILE OR MEDIAN 1.9000
							75TH PERCENTILE OR 3RD QUANTILE 2.1000
							80TH PERCENTILE 2.1000
							90TH PERCENTILE 2.1000
							95TH PERCENTILE 2.1000
							98TH PERCENTILE 2.1000
							99TH PERCENTILE 2.1000
							MAXIMUM VALUE 2.1000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U LKSD	PPM	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	1.1000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.1000
UPPER 95% LIMIT ON THE MEAN	1.1000
LOWER 95% LIMIT ON THE RANGE	1.1000
UPPER 95% LIMIT ON THE RANGE	1.1000
GEOMETRIC MEAN	1.1000
LOG10 MEAN	.0414
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.1000
UPPER 95% LIMIT ON THE MEAN	1.1000
LOWER 95% LIMIT ON THE RANGE	1.1000
UPPER 95% LIMIT ON THE RANGE	1.1000
MINIMUM VALUE	1.1000
25TH PERCENTILE OR 1ST QUARTILE	1.1000
50TH PERCENTILE OR MEDIAN	1.1000
75TH PERCENTILE OR 3RD QUARTILE	1.1000
80TH PERCENTILE	1.1000
90TH PERCENTILE	1.1000
95TH PERCENTILE	1.1000
98TH PERCENTILE	1.1000
99TH PERCENTILE	1.1000
MAXIMUM VALUE	1.1000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET						SUMMARY STATISTICS		
U	LKSD	PPM	GRCK								
				HISTOGRAM							
**	*	*	*	*	*	N	%	CUM %			
10 PPB	*			*	*				TOTAL NUMBER OF SAMPLES	57	
20 PPB	*			*	*				NUMBER OF ZERO VALUE SAMPLES	0	
50 PPB	*			*	*				NUMBER OF NON-ZERO SAMPLES	57	
100 PPB	*			*	*				ARITHMETIC MEAN	2.9930	
200 PPB	*			*	*				VARIANCE	5.6114	
500 PPB	*			*	*				STANDARD DEVIATION	2.3688	
1 PPM	*	XXXX		*	*	5	8.77	8.77	SKEW	1.9419	
2 PPM	*	XXXXXXXXXXXXXXXXXXXXXX		*	*	23	40.35	49.12	EXCESS KURTOSIS	3.6528	
5 PPM	*	XXXXXXXXXXXXXXXXXXXXXX		*	*	21	36.84	85.96	COEFFICIENT OF VARIANCE, %	79.1463	
10 PPM	*	XXXXX		*	*	6	10.53	96.49	STANDARD ERROR OF THE MEAN	.3138	
20 PPM	*	XX		*	*	2	3.51	100.00	LOWER 95% LIMIT ON THE MEAN	2.3647	
50 PPM	*			*	*				UPPER 95% LIMIT ON THE MEAN	3.6213	
100 PPM	*			*	*				LOWER 95% LIMIT ON THE RANGE	-1.7504	
200 PPM	*			*	*				UPPER 95% LIMIT ON THE RANGE	7.7363	
500 PPM	*			*	*				GEOMETRIC MEAN	2.3757	
	**	*	*	*	*				LOG10 MEAN	.3758	
0		20	40	60	80	100			LOG10 VARIANCE	.0812	
									LOG10 STANDARD DEVIATION	.2850	
									STANDARD ERROR ON THE MEAN	.0377	
									LOWER 95% LIMIT ON THE MEAN	1.9962	
									UPPER 95% LIMIT ON THE MEAN	2.8274	
									LOWER 95% LIMIT ON THE RANGE	.6385	
									UPPER 95% LIMIT ON THE RANGE	8.8402	
									MINIMUM VALUE	.7000	
									25TH PERCENTILE OR 1ST QUARTILE	1.5000	
									50TH PERCENTILE OR MEDIAN	2.2000	
									75TH PERCENTILE OR 3RD QUARTILE	3.6000	
									80TH PERCENTILE	4.4000	
									90TH PERCENTILE	6.0000	
									95TH PERCENTILE	9.2000	
									98TH PERCENTILE	11.9000	
									99TH PERCENTILE	11.9000	
									MAXIMUM VALUE	11.9000	

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U LKSD	PPM	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	1.8000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.8000
UPPER 95% LIMIT ON THE MEAN	1.8000
LOWER 95% LIMIT ON THE RANGE	1.8000
UPPER 95% LIMIT ON THE RANGE	1.8000
GEOMETRIC MEAN	1.8000
LOG10 MEAN	.2553
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	1.8000
UPPER 95% LIMIT ON THE MEAN	1.8000
LOWER 95% LIMIT ON THE RANGE	1.8000
UPPER 95% LIMIT ON THE RANGE	1.8000
MINIMUM VALUE	1.8000
25TH PERCENTILE OR 1ST QUARTILE	1.8000
50TH PERCENTILE OR MEDIAN	1.8000
75TH PERCENTILE OR 3RD QUARTILE	1.8000
80TH PERCENTILE	1.8000
90TH PERCENTILE	1.8000
95TH PERCENTILE	1.8000
98TH PERCENTILE	1.8000
99TH PERCENTILE	1.8000
MAXIMUM VALUE	1.8000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKSD PPM GRSC

HISTOGRAM							SUMMARY STATISTICS			
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	5
									NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *									NUMBER OF NON-ZERO SAMPLES	5
20 PPB *										
50 PPB *									ARITHMETIC MEAN	1.6000
100 PPB *									VARIANCE	.2000
200 PPB *									STANDARD DEVIATION	.4472
500 PPB *									SKEW	-.2813
									EXCESS KURTOSIS	-1.3719
1 PPM *	XXXXXXXXXX					1	20.00	20.00	COEFFICIENT OF VARIANCE, %	27.9508
2 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					3	60.00	80.00	STANDARD ERROR OF THE MEAN	.2000
5 PPM *	XXXXXXXXXX					1	20.00	100.00	LOWER 95% LIMIT ON THE MEAN	1.0858
10 PPM *									UPPER 95% LIMIT ON THE MEAN	2.1142
20 PPM *									LOWER 95% LIMIT ON THE RANGE	.4502
50 PPM *									UPPER 95% LIMIT ON THE RANGE	2.7498
**	*	*	*	*	*				GEOMETRIC MEAN	1.5455
0	20	40	60	80	100				LOG10 MEAN	.1891
									LOG10 VARIANCE	.0172
									LOG10 STANDARD DEVIATION	.1312
									STANDARD ERROR ON THE MEAN	.0587
									LOWER 95% LIMIT ON THE MEAN	1.0919
									UPPER 95% LIMIT ON THE MEAN	2.1875
									LOWER 95% LIMIT ON THE RANGE	.7107
									UPPER 95% LIMIT ON THE RANGE	3.3608
									MINIMUM VALUE	1.0000
									25TH PERCENTILE OR 1ST QUARTILE	1.3000
									50TH PERCENTILE OR MEDIAN	1.7000
									75TH PERCENTILE OR 3RD QUARTILE	2.1000
									80TH PERCENTILE	2.1000
									90TH PERCENTILE	2.1000
									95TH PERCENTILE	2.1000
									98TH PERCENTILE	2.1000
									99TH PERCENTILE	2.1000
									MAXIMUM VALUE	2.1000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKSD PPM AEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	13
10 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPB *					*			NUMBER OF NON-ZERO SAMPLES	13
50 PPB *					*			ARITHMETIC MEAN	3.1308
100 PPB *					*			VARIANCE	5.2290
200 PPB *					*			STANDARD DEVIATION	2.2867
500 PPB *					*			SKEW	1.4547
1 PPM *	XXXX				*	1	7.69	EXCESS KURTOSIS	1.3490
2 PPM *	XXXXXXXXXXXXXXXXXX				*	4	30.77	COEFFICIENT OF VARIANCE, %	73.0394
5 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	6	46.15	STANDARD ERROR OF THE MEAN	.6342
10 PPM *	XXXXXXXXXX				*	2	15.38	LOWER 95% LIMIT ON THE MEAN	1.7609
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	4.5007
50 PPM *					*			LOWER 95% LIMIT ON THE RANGE	-1.8085
**	*	*	*	*	*			UPPER 95% LIMIT ON THE RANGE	8.0700
0	20	40	60	80	100			GEOMETRIC MEAN	2.5458
								LOG10 MEAN	.4058
								LOG10 VARIANCE	.0803
								LOG10 STANDARD DEVIATION	.2834
								STANDARD ERROR ON THE MEAN	.0786
								LOWER 95% LIMIT ON THE MEAN	1.7221
								UPPER 95% LIMIT ON THE MEAN	3.7635
								LOWER 95% LIMIT ON THE RANGE	.6219
								UPPER 95% LIMIT ON THE RANGE	10.4216
								MINIMUM VALUE	1.0000
								25TH PERCENTILE OR 1ST QUARTILE	1.6000
								50TH PERCENTILE OR MEDIAN	2.4000
								75TH PERCENTILE OR 3RD QUARTILE	4.8000
								80TH PERCENTILE	4.8000
								90TH PERCENTILE	9.0000
								95TH PERCENTILE	9.0000
								98TH PERCENTILE	9.0000
								99TH PERCENTILE	9.0000
								MAXIMUM VALUE	9.0000

VARIABLE NAME U LKSD	UNIT OF MEASUREMENT PPM	DATA SUBSET BEXV	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
**	*	*	*	*	*		
10 PPB *			*			TOTAL NUMBER OF SAMPLES	58
20 PPB *			*			NUMBER OF ZERO VALUE SAMPLES	0
50 PPB *			*			NUMBER OF NON-ZERO SAMPLES	58
100 PPB *			*			ARITHMETIC MEAN	2.6707
200 PPB *			*			VARIANCE	8.7565
500 PPB *	X		*	1	1.72	STANDARD DEVIATION	2.9591
1 PPM *	XXX		*	3	5.17	SKEW	3.0107
2 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		*	32	55.17	EXCESS KURTOSIS	8.4626
5 PPM *	XXXXXXXXXXXXXXXXXX		*	16	27.59	COEFFICIENT OF VARIANCE, %	110.8005
10 PPM *	XX		*	2	3.45	STANDARD ERROR OF THE MEAN	.3886
20 PPM *	XXX		*	4	6.90	LOWER 95% LIMIT ON THE MEAN	1.8930
50 PPM *			*			UPPER 95% LIMIT ON THE MEAN	3.4484
100 PPM *			*			LOWER 95% LIMIT ON THE RANGE	-3.2523
200 PPM *			*			UPPER 95% LIMIT ON THE RANGE	8.5937
500 PPM *			*			GEOMETRIC MEAN	1.9812
**	*	*	*	*	*	LOG10 MEAN	.2969
0	20	40	60	80	100	LOG10 VARIANCE	.0870
						LOG10 STANDARD DEVIATION	.2950
						STANDARD ERROR ON THE MEAN	.0387
						LOWER 95% LIMIT ON THE MEAN	1.6572
						UPPER 95% LIMIT ON THE MEAN	2.3685
						LOWER 95% LIMIT ON THE RANGE	.5086
						UPPER 95% LIMIT ON THE RANGE	7.7174
						MINIMUM VALUE	.4000
						25TH PERCENTILE OR 1ST QUARTILE	1.4000
						50TH PERCENTILE OR MEDIAN	1.8000
						75TH PERCENTILE OR 3RD QUARTILE	2.4000
						80TH PERCENTILE	2.6000
						90TH PERCENTILE	5.4000
						95TH PERCENTILE	11.1000
						98TH PERCENTILE	15.1000
						99TH PERCENTILE	15.1000
						MAXIMUM VALUE	15.1000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN			
AKRK	U	LKSD	PPM	24	3.50	1.58	45.2	.60	-1.03	2.83	4.17	3.18	.5023	.1942	2.63	3.84
DIBS	U	LKSD	PPM	16	2.09	2.06	98.4	3.28	9.55	1.00	3.19	1.70	.2315	.2421	1.27	2.29
GRNT	U	LKSD	PPM	384	7.81	7.86	100.6	4.02	28.28	7.02	8.60	5.55	.7445	.3594	5.11	6.03
GRNG	U	LKSD	PPM	230	3.66	2.61	71.1	2.36	7.34	3.33	4.00	3.05	.4842	.2554	2.83	3.29
GRDR	U	LKSD	PPM	37	2.88	3.12	108.3	3.60	12.44	1.84	3.92	2.23	.3475	.2792	1.80	2.76
QZFP	U	LKSD	PPM	7	7.67	3.68	48.0	-.21	-1.23	4.38	11.0	6.71	.8268	.2639	3.90	11.6
MGMT	U	LKSD	PPM	79	2.82	2.89	102.4	4.76	25.12	2.17	3.47	2.25	.3525	.2773	1.95	2.60
UMFC	U	LKSD	PPM	3	1.73	.473	27.3	-.57	-1.50	.865	2.60	1.69	.2267	.1296	.974	2.92
CGLM	U	LKSD	PPM	1	1.10	.100E-05	.0	.00	.00	1.10	1.10	1.10	.0414	.0000	1.10	1.10
GRCK	U	LKSD	PPM	57	2.99	2.37	79.1	1.94	3.65	2.36	3.62	2.38	.3758	.2850	2.00	2.83
SCST	U	LKSD	PPM	1	1.80	.100E-05	.0	.00	.00	1.80	1.80	1.80	.2553	.0000	1.80	1.80
GRSC	U	LKSD	PPM	5	1.60	.447	28.0	-.28	-1.37	1.09	2.11	1.55	.1891	.1312	1.09	2.19
AEXV	U	LKSD	PPM	13	3.13	2.29	73.0	1.45	1.35	1.76	4.50	2.55	.4058	.2834	1.72	3.76
BEXV	U	LKSD	PPM	58	2.67	2.96	110.8	3.01	8.46	1.89	3.45	1.98	.2969	.2950	1.66	2.37

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE	
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH			
AKRK	U	LKSD	PPM	24	1.500	2.400	3.200	4.700	5.300	6.400	6.400	6.400	6.400	6.400	6.400
DIBS	U	LKSD	PPM	16	.800	1.300	1.800	1.900	2.300	2.700	9.600	9.600	9.600	9.600	9.600
GRNT	U	LKSD	PPM	384	.200	3.200	5.700	9.900	11.100	15.300	21.300	28.300	40.600	85.900	85.900
GRNG	U	LKSD	PPM	230	.300	2.100	2.900	4.300	4.800	6.900	9.800	12.800	14.100	19.000	19.000
GRDR	U	LKSD	PPM	37	.600	1.500	2.200	2.900	3.000	3.700	13.500	16.900	16.900	16.900	16.900
QZFP	U	LKSD	PPM	7	2.300	6.600	8.100	11.300	12.300	12.300	12.300	12.300	12.300	12.300	12.300
MGMT	U	LKSD	PPM	79	.100	1.700	2.200	2.800	2.900	4.600	6.600	16.600	21.200	21.200	21.200
UMFC	U	LKSD	PPM	3	1.200	1.900	1.900	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100
CGLM	U	LKSD	PPM	1	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100
GRCK	U	LKSD	PPM	57	.700	1.500	2.200	3.600	4.400	6.000	9.200	11.900	11.900	11.900	11.900
SCST	U	LKSD	PPM	1	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800
GRSC	U	LKSD	PPM	5	1.000	1.300	1.700	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100
AEXV	U	LKSD	PPM	13	1.000	1.600	2.400	4.800	4.800	9.000	9.000	9.000	9.000	9.000	9.000
BEXV	U	LKSD	PPM	58	.400	1.400	1.800	2.400	2.600	5.400	11.100	15.100	15.100	15.100	15.100

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET							
U	LKWR	PPB	AKRK							
				HISTOGRAM			SUMMARY STATISTICS			
**	*	*	*	*	N	%	CUM %			
1 PPT *				*				TOTAL NUMBER OF SAMPLES	24	
2 PPT *				*				NUMBER OF ZERO VALUE SAMPLES	0	
5 PPT *	XXXXXXXXXXXXXXXXXXXXXX			*	10	41.67	41.67	NUMBER OF NON-ZERO SAMPLES	24	
10 PPT *	XXXXXXX			*	4	16.67	58.33	ARITHMETIC MEAN	.0537	
20 PPT *	XXXX			*	2	8.33	66.67	VARIANCE	.0083	
50 PPT *	XXXXXXXXXX			*				STANDARD DEVIATION	.0912	
100 PPT *	XX			*	1	4.17	91.67	SKEW	2.4807	
200 PPT *	XXXX			*	2	8.33	100.00	EXCESS KURTOSIS	5.6804	
500 PPT *				*				COEFFICIENT OF VARIANCE, %	169.6795	
1 PPB *				*				STANDARD ERROR OF THE MEAN	.0186	
2 PPB *				*				LOWER 95% LIMIT ON THE MEAN	.0153	
5 PPB *				*				UPPER 95% LIMIT ON THE MEAN	.0922	
**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-.1345	
0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	.2420	
				PERCENT						
							GEOMETRIC MEAN			.0180
							LOG10 MEAN			-1.7436
							LOG10 VARIANCE			.4011
							LOG10 STANDARD DEVIATION			.6333
							STANDARD ERROR ON THE MEAN			.1293
							LOWER 95% LIMIT ON THE MEAN			.0098
							UPPER 95% LIMIT ON THE MEAN			.0334
							LOWER 95% LIMIT ON THE RANGE			.0009
							UPPER 95% LIMIT ON THE RANGE			.3660
							MINIMUM VALUE			.0050
							25TH PERCENTILE OR 1ST QUARTILE			.0050
							50TH PERCENTILE OR MEDIAN			.0100
							75TH PERCENTILE OR 3RD QUARTILE			.0800
							80TH PERCENTILE			.0800
							90TH PERCENTILE			.2600
							95TH PERCENTILE			.3800
							98TH PERCENTILE			.3800
							99TH PERCENTILE			.3800
							MAXIMUM VALUE			.3800

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET				SUMMARY STATISTICS	
U LKWR	PPB	DIBS	N	%	CUM %		
			HISTOGRAM				
**	*	*	*	*	*	*	
1 PPT *							TOTAL NUMBER OF SAMPLES 16
							NUMBER OF ZERO VALUE SAMPLES 0
							NUMBER OF NON-ZERO SAMPLES 16
2 PPT *							
5 PPT *	XXXXXXXXXXXXXXXXXXXXXXXXXX		7	43.75	43.75		ARITHMETIC MEAN .0153
10 PPT *	XXXXXXXXXX		3	18.75	62.50		VARIANCE .0002
20 PPT *	XXXXXXXXXX		3	18.75	81.25		STANDARD DEVIATION .0149
50 PPT *	XXXXXX		2	12.50	93.75		SKEW 1.8322
100 PPT *	XXX		1	6.25	100.00		EXCESS KURTOSIS 3.0319
200 PPT *							COEFFICIENT OF VARIANCE, % 97.2080
500 PPT *							STANDARD ERROR OF THE MEAN .0037
							LOWER 95% LIMIT ON THE MEAN .0074
							UPPER 95% LIMIT ON THE MEAN .0232
							LOWER 95% LIMIT ON THE RANGE -.0162
							UPPER 95% LIMIT ON THE RANGE .0469
**	*	*	*	*	*	*	
0	20	40	60	80	100		GEOMETRIC MEAN .0108
			PERCENT				
							LOG10 MEAN -1.9670
							LOG10 VARIANCE .1300
							LOG10 STANDARD DEVIATION .3605
							STANDARD ERROR ON THE MEAN .0901
							LOWER 95% LIMIT ON THE MEAN .0069
							UPPER 95% LIMIT ON THE MEAN .0168
							LOWER 95% LIMIT ON THE RANGE .0019
							UPPER 95% LIMIT ON THE RANGE .0627
							MINIMUM VALUE .0050
							25TH PERCENTILE OR 1ST QUARTILE .0050
							50TH PERCENTILE OR MEDIAN .0100
							75TH PERCENTILE OR 3RD QUARTILE .0200
							80TH PERCENTILE .0300
							90TH PERCENTILE .0300
							95TH PERCENTILE .0600
							98TH PERCENTILE .0600
							99TH PERCENTILE .0600
							MAXIMUM VALUE .0600

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET						SUMMARY STATISTICS		
U	LKWR	PPB	GRNT								
						HISTOGRAM					
**	*	*	*	*	*	N	%	CUM %			
1	PPT	*			*				TOTAL NUMBER OF SAMPLES	384	
					*				NUMBER OF ZERO VALUE SAMPLES	0	
					*				NUMBER OF NON-ZERO SAMPLES	384	
5	PPT	*	XXXX		*	31	8.07	8.07	ARITHMETIC MEAN	.1477	
10	PPT	*	XXXXXXXX		*	51	13.28	21.35	VARIANCE	.0310	
20	PPT	*	XXXX		*	30	7.81	29.17	STANDARD DEVIATION	.1762	
50	PPT	*	XXXXX		*	35	9.11	38.28	SKEW	2.3727	
100	PPT	*	XXXXXXXXXX		*	71	18.49	56.77	EXCESS KURTOSIS	8.9565	
200	PPT	*	XXXXXXXXXX		*	67	17.45	74.22	COEFFICIENT OF VARIANCE, %	119.2786	
500	PPT	*	XXXXXXXXXX		*	80	20.83	95.05	STANDARD ERROR OF THE MEAN	.0090	
1	PPB	*	XX		*	18	4.09	99.74	LOWER 95% LIMIT ON THE MEAN	.1300	
2	PPB	*	I		*	1	.26	100.00	UPPER 95% LIMIT ON THE MEAN	.1654	
5	PPB	*			*				LOWER 95% LIMIT ON THE RANGE	-.1987	
10	PPB	*			*				UPPER 95% LIMIT ON THE RANGE	.4942	
20	PPB	*			*				GEOMETRIC MEAN	.0668	
50	PPB	*			*				LOG10 MEAN	-1.1752	
					*				LOG10 VARIANCE	.3872	
					*				LOG10 STANDARD DEVIATION	.6223	
					*				STANDARD ERROR ON THE MEAN	.0318	
					*				LOWER 95% LIMIT ON THE MEAN	.0579	
					*				UPPER 95% LIMIT ON THE MEAN	.0771	
					*				LOWER 95% LIMIT ON THE RANGE	.0040	
					*				UPPER 95% LIMIT ON THE RANGE	1.1179	
**	*	*	*	*	*						
0	20	40	60	80	100						
PERCENT											
						MINIMUM VALUE				.0050	
						25TH PERCENTILE OR 1ST QUARTILE				.0200	
						50TH PERCENTILE OR MEDIAN				.0800	
						75TH PERCENTILE OR 3RD QUARTILE				.2100	
						80TH PERCENTILE				.2400	
						90TH PERCENTILE				.3800	
						95TH PERCENTILE				.5100	
						98TH PERCENTILE				.7000	
						99TH PERCENTILE				.7800	
						MAXIMUM VALUE				1.4400	

VARIABLE NAME U LKWR	UNIT OF MEASUREMENT PPB	DATA SUBSET GRNG	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
1 PPT *						TOTAL NUMBER OF SAMPLES	230
2 PPT *						NUMBER OF ZERO VALUE SAMPLES	0
5 PPT *						NUMBER OF NON-ZERO SAMPLES	230
10 PPT *						ARITHMETIC MEAN	.0823
20 PPT *						VARIANCE	.0150
50 PPT *						STANDARD DEVIATION	.1225
100 PPT *						SKEW	3.0078
200 PPT *						EXCESS KURTOSIS	13.3513
500 PPT *						COEFFICIENT OF VARIANCE, %	148.8687
1 PPB *						STANDARD ERROR OF THE MEAN	.0081
2 PPB *						LOWER 95% LIMIT ON THE MEAN	.0663
5 PPB *						UPPER 95% LIMIT ON THE MEAN	.0982
						LOWER 95% LIMIT ON THE RANGE	-.1591
						UPPER 95% LIMIT ON THE RANGE	.3236
						GEOMETRIC MEAN	.0324
						LOG10 MEAN	-1.4892
						LOG10 VARIANCE	.3763
						LOG10 STANDARD DEVIATION	.6134
						STANDARD ERROR ON THE MEAN	.0404
						LOWER 95% LIMIT ON THE MEAN	.0270
						UPPER 95% LIMIT ON THE MEAN	.0390
						LOWER 95% LIMIT ON THE RANGE	.0020
						UPPER 95% LIMIT ON THE RANGE	.5245
						MINIMUM VALUE	.0050
						25TH PERCENTILE OR 1ST QUARTILE	.0100
						50TH PERCENTILE OR MEDIAN	.0300
						75TH PERCENTILE OR 3RD QUARTILE	.1000
						80TH PERCENTILE	.1200
						90TH PERCENTILE	.2400
						95TH PERCENTILE	.3400
						98TH PERCENTILE	.4200
						99TH PERCENTILE	.6300
						MAXIMUM VALUE	.9700

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKWR PPB GRDR

HISTOGRAM							SUMMARY STATISTICS					
	**	*	*	*	*	*	N	%	CUM %			
1 PPT *						*				TOTAL NUMBER OF SAMPLES	37	
2 PPT *						*				NUMBER OF ZERO VALUE SAMPLES	0	
5 PPT *	XXXXXXXXXXXXXXXXXXXXXX					*	15	40.54	40.54	NUMBER OF NON-ZERO SAMPLES	37	
10 PPT *	XXXXXXXXXX					*	7	18.92	59.46	ARITHMETIC MEAN	.0534	
20 PPT *	XXXXXXX					*	5	13.51	72.97	VARIANCE	.0155	
50 PPT *	XXX					*	2	5.41	78.38	STANDARD DEVIATION	.1243	
100 PPT *	XXXXX					*	4	10.81	89.19	SKEW	3.8747	
200 PPT *	XXX					*	2	5.41	94.59	EXCESS KURTOSIS	15.4093	
500 PPT *	X					*	1	2.70	97.30	COEFFICIENT OF VARIANCE, %	232.8941	
1 PPB *	X					*	1	2.70	100.00	STANDARD ERROR OF THE MEAN	.0204	
2 PPB *						*				LOWER 95% LIMIT ON THE MEAN	.0119	
5 PPB *						*				UPPER 95% LIMIT ON THE MEAN	.0948	
	**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	-.1986	
	0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	.3054	
	PERCENT										GEOMETRIC MEAN	.0159
										LOG10 MEAN	-1.7982	
										LOG10 VARIANCE	.3530	
										LOG10 STANDARD DEVIATION	.5941	
										STANDARD ERROR ON THE MEAN	.0977	
										LOWER 95% LIMIT ON THE MEAN	.0101	
										UPPER 95% LIMIT ON THE MEAN	.0251	
										LOWER 95% LIMIT ON THE RANGE	.0010	
										UPPER 95% LIMIT ON THE RANGE	.2549	
										MINIMUM VALUE	.0050	
										25TH PERCENTILE OR 1ST QUARTILE	.0050	
										50TH PERCENTILE OR MEDIAN	.0100	
										75TH PERCENTILE OR 3RD QUARTILE	.0500	
										80TH PERCENTILE	.0600	
										90TH PERCENTILE	.1200	
										95TH PERCENTILE	.3600	
										98TH PERCENTILE	.6700	
										99TH PERCENTILE	.6700	
										MAXIMUM VALUE	.6700	

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET	HISTOGRAM			SUMMARY STATISTICS	
U LKWR	PPB	QZFP	N	%	CUM %		
1 PPT *						TOTAL NUMBER OF SAMPLES	7
2 PPT *						NUMBER OF ZERO VALUE SAMPLES	0
5 PPT *						NUMBER OF NON-ZERO SAMPLES	7
10 PPT *			1	14.29	14.29	ARITHMETIC MEAN	.1964
20 PPT *			1	14.29	28.57	VARIANCE	.0333
50 PPT *						STANDARD DEVIATION	.1826
100 PPT *						SKEW	.9396
200 PPT *						EXCESS KURTOSIS	.1430
500 PPT *						COEFFICIENT OF VARIANCE, %	92.9552
1 PPB *						STANDARD ERROR OF THE MEAN	.0690
2 PPB *			3	42.86	71.43	LOWER 95% LIMIT ON THE MEAN	.0332
5 PPB *			1	14.29	85.71	UPPER 95% LIMIT ON THE MEAN	.3596
			1	14.29	100.00	LOWER 95% LIMIT ON THE RANGE	-.2354
						UPPER 95% LIMIT ON THE RANGE	.6283
						GEOMETRIC MEAN	.0969
						LOG10 MEAN	-1.0138
						LOG10 VARIANCE	.5171
						LOG10 STANDARD DEVIATION	.7191
						STANDARD ERROR ON THE MEAN	.2718
						LOWER 95% LIMIT ON THE MEAN	.0220
						UPPER 95% LIMIT ON THE MEAN	.4256
						LOWER 95% LIMIT ON THE RANGE	.0019
						UPPER 95% LIMIT ON THE RANGE	4.8635
						MINIMUM VALUE	.0050
						25TH PERCENTILE OR 1ST QUARTILE	.1400
						50TH PERCENTILE OR MEDIAN	.2000
						75TH PERCENTILE OR 3RD QUARTILE	.2600
						80TH PERCENTILE	.5500
						90TH PERCENTILE	.5500
						95TH PERCENTILE	.5500
						98TH PERCENTILE	.5500
						99TH PERCENTILE	.5500
						MAXIMUM VALUE	.5500

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET	HISTOGRAM			SUMMARY STATISTICS	
U LKWR	PPB	MGMT	N	%	CUM %		
1 PPT *						TOTAL NUMBER OF SAMPLES	79
2 PPT *						NUMBER OF ZERO VALUE SAMPLES	0
5 PPT *						NUMBER OF NON-ZERO SAMPLES	79
10 PPT *			13	16.46	16.46	ARITHMETIC MEAN	.0520
20 PPT *						VARIANCE	.0080
50 PPT *			27	34.18	50.63	STANDARD DEVIATION	.0895
100 PPT *			5	6.33	56.96	SKEW	3.8422
200 PPT *			13	16.46	73.42	EXCESS KURTOSIS	16.8318
500 PPT *			7	8.86	82.28	COEFFICIENT OF VARIANCE, %	172.2717
1 PPB *			11	13.92	96.20	STANDARD ERROR OF THE MEAN	.0101
2 PPB *			1	1.27	97.47	LOWER 95% LIMIT ON THE MEAN	.0319
5 PPB *			2	2.53	100.00	UPPER 95% LIMIT ON THE MEAN	.0720
						LOWER 95% LIMIT ON THE RANGE	-.1262
						UPPER 95% LIMIT ON THE RANGE	.2302
						GEOMETRIC MEAN	.0226
						LOG10 MEAN	-1.6465
						LOG10 VARIANCE	.2865
						LOG10 STANDARD DEVIATION	.5352
						STANDARD ERROR ON THE MEAN	.0602
						LOWER 95% LIMIT ON THE MEAN	.0171
						UPPER 95% LIMIT ON THE MEAN	.0297
						LOWER 95% LIMIT ON THE RANGE	.0019
						UPPER 95% LIMIT ON THE RANGE	.2624
						MINIMUM VALUE	.0050
						25TH PERCENTILE OR 1ST QUARTILE	.0100
						50TH PERCENTILE OR MEDIAN	.0100
						75TH PERCENTILE OR 3RD QUARTILE	.0600
						80TH PERCENTILE	.0800
						90TH PERCENTILE	.1200
						95TH PERCENTILE	.1600
						98TH PERCENTILE	.5100
						99TH PERCENTILE	.5300
						MAXIMUM VALUE	.5300

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKWR PPB UMFC

HISTOGRAM						SUMMARY STATISTICS				
	**	*	*	*	*	N	%	CUM %		
1 PPT *					*				TOTAL NUMBER OF SAMPLES	3
2 PPT *					*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPT *					*	2	66.67	66.67	NUMBER OF NON-ZERO SAMPLES	3
10 PPT *					*				ARITHMETIC MEAN	.0567
20 PPT *					*				VARIANCE	.0080
50 PPT *					*				STANDARD DEVIATION	.0895
100 PPT *					*				SKEW	.7071
200 PPT *					*	1	33.33	100.00	EXCESS KURTOSIS	-1.5000
500 PPT *					*				COEFFICIENT OF VARIANCE, %	157.9223
1 PPB *					*				STANDARD ERROR OF THE MEAN	.0517
2 PPB *					*				LOWER 95% LIMIT ON THE MEAN	-.1077
5 PPB *					*				UPPER 95% LIMIT ON THE MEAN	.2211
					*				LOWER 95% LIMIT ON THE RANGE	-.2281
					*				UPPER 95% LIMIT ON THE RANGE	.3414
	**	*	*	*	*				GEOMETRIC MEAN	.0159
	0	20	40	60	80	100			LOG10 MEAN	-1.7993
									LOG10 VARIANCE	.7552
									LOG10 STANDARD DEVIATION	.8690
									STANDARD ERROR ON THE MEAN	.5017
									LOWER 95% LIMIT ON THE MEAN	.0004
									UPPER 95% LIMIT ON THE MEAN	.6268
									LOWER 95% LIMIT ON THE RANGE	.0000
									UPPER 95% LIMIT ON THE RANGE	9.2436
									MINIMUM VALUE	.0050
									25TH PERCENTILE OR 1ST QUARTILE	.0050
									50TH PERCENTILE OR MEDIAN	.0050
									75TH PERCENTILE OR 3RD QUARTILE	.1600
									80TH PERCENTILE	.1600
									90TH PERCENTILE	.1600
									95TH PERCENTILE	.1600
									98TH PERCENTILE	.1600
									99TH PERCENTILE	.1600
									MAXIMUM VALUE	.1600

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U LKWR	PPB	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.0050
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.0050
UPPER 95% LIMIT ON THE MEAN	.0050
LOWER 95% LIMIT ON THE RANGE	.0050
UPPER 95% LIMIT ON THE RANGE	.0050
GEOMETRIC MEAN	.0050
LOG10 MEAN	-2.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.0050
UPPER 95% LIMIT ON THE MEAN	.0050
LOWER 95% LIMIT ON THE RANGE	.0050
UPPER 95% LIMIT ON THE RANGE	.0050
MINIMUM VALUE	.0050
25TH PERCENTILE OR 1ST QUARTILE	.0050
50TH PERCENTILE OR MEDIAN	.0050
75TH PERCENTILE OR 3RD QUARTILE	.0050
80TH PERCENTILE	.0050
90TH PERCENTILE	.0050
95TH PERCENTILE	.0050
98TH PERCENTILE	.0050
99TH PERCENTILE	.0050
MAXIMUM VALUE	.0050

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKWR PPB GRCK

HISTOGRAM						SUMMARY STATISTICS		
				N	%	CUM %		
**	*	*	*	*	*		TOTAL NUMBER OF SAMPLES	57
1 PPT *				*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPT *				*			NUMBER OF NON-ZERO SAMPLES	57
5 PPT *	XXXXXXXXXXXXXXXXXXXXXXXXXX			25	43.86	43.86	ARITHMETIC MEAN	.0331
10 PPT *	XXXXXXXXXX			11	19.30	63.16	VARIANCE	.0019
20 PPT *	XXX			3	5.26	68.42	STANDARD DEVIATION	.0437
50 PPT *	XXXX			4	7.02	75.44	SKEW	1.5113
100 PPT *	XXXXXXX			8	14.04	89.47	EXCESS KURTOSIS	1.1151
200 PPT *	XXXXX			6	10.53	100.00	COEFFICIENT OF VARIANCE, %	132.1093
500 PPT *							STANDARD ERROR OF THE MEAN	.0058
1 PPB *							LOWER 95% LIMIT ON THE MEAN	.0215
2 PPB *							UPPER 95% LIMIT ON THE MEAN	.0447
5 PPB *							LOWER 95% LIMIT ON THE RANGE	-.0544
							UPPER 95% LIMIT ON THE RANGE	.1206
**	*	*	*	*	*		GEOMETRIC MEAN	.0148
0	20	40	60	80	100		LOG10 MEAN	-1.8311
							LOG10 VARIANCE	.2910
							LOG10 STANDARD DEVIATION	.5395
							STANDARD ERROR ON THE MEAN	.0715
							LOWER 95% LIMIT ON THE MEAN	.0106
							UPPER 95% LIMIT ON THE MEAN	.0205
							LOWER 95% LIMIT ON THE RANGE	.0012
							UPPER 95% LIMIT ON THE RANGE	.1775
							MINIMUM VALUE	.0050
							25TH PERCENTILE OR 1ST QUARTILE	.0050
							50TH PERCENTILE OR MEDIAN	.0100
							75TH PERCENTILE OR 3RD QUARTILE	.0600
							80TH PERCENTILE	.0700
							90TH PERCENTILE	.1100
							95TH PERCENTILE	.1400
							98TH PERCENTILE	.1700
							99TH PERCENTILE	.1700
							MAXIMUM VALUE	.1700

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U LKWR	PPB	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	.0050
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.0050
UPPER 95% LIMIT ON THE MEAN	.0050
LOWER 95% LIMIT ON THE RANGE	.0050
UPPER 95% LIMIT ON THE RANGE	.0050
GEOMETRIC MEAN	.0050
LOG10 MEAN	-2.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	.0050
UPPER 95% LIMIT ON THE MEAN	.0050
LOWER 95% LIMIT ON THE RANGE	.0050
UPPER 95% LIMIT ON THE RANGE	.0050
MINIMUM VALUE	.0050
25TH PERCENTILE OR 1ST QUARTILE	.0050
50TH PERCENTILE OR MEDIAN	.0050
75TH PERCENTILE OR 3RD QUARTILE	.0050
80TH PERCENTILE	.0050
90TH PERCENTILE	.0050
95TH PERCENTILE	.0050
98TH PERCENTILE	.0050
99TH PERCENTILE	.0050
MAXIMUM VALUE	.0050

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

 *

VARIABLE NAME U LKWR	UNIT OF MEASUREMENT PPB	DATA SUBSET GRSC	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
1 PPT *						TOTAL NUMBER OF SAMPLES	5
2 PPT *						NUMBER OF ZERO VALUE SAMPLES	0
5 PPT *						NUMBER OF NON-ZERO SAMPLES	5
10 PPT *						ARITHMETIC MEAN	.0420
20 PPT *						VARIANCE	.0027
50 PPT *						STANDARD DEVIATION	.0516
100 PPT *						SKEW	.7395
200 PPT *						EXCESS KURTOSIS	-1.1227
500 PPT *						COEFFICIENT OF VARIANCE, %	122.7403
1 PPB *						STANDARD ERROR OF THE MEAN	.0231
2 PPB *						LOWER 95% LIMIT ON THE MEAN	-.0173
5 PPB *						UPPER 95% LIMIT ON THE MEAN	.1013
						LOWER 95% LIMIT ON THE RANGE	-.0905
						UPPER 95% LIMIT ON THE RANGE	.1745
						GEOMETRIC MEAN	.0184
						LOG10 MEAN	-1.7356
						LOG10 VARIANCE	.4276
						LOG10 STANDARD DEVIATION	.6539
						STANDARD ERROR ON THE MEAN	.2924
						LOWER 95% LIMIT ON THE MEAN	.0033
						UPPER 95% LIMIT ON THE MEAN	.1038
						LOWER 95% LIMIT ON THE RANGE	.0004
						UPPER 95% LIMIT ON THE RANGE	.8824
						MINIMUM VALUE	.0050
						25TH PERCENTILE OR 1ST QUANTILE	.0050
						50TH PERCENTILE OR MEDIAN	.0100
						75TH PERCENTILE OR 3RD QUANTILE	.1200
						80TH PERCENTILE	.1200
						90TH PERCENTILE	.1200
						95TH PERCENTILE	.1200
						98TH PERCENTILE	.1200
						99TH PERCENTILE	.1200
						MAXIMUM VALUE	.1200

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 U LKWR PPB AEXV

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	13
1 PPT *					*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPT *					*			NUMBER OF NON-ZERO SAMPLES	13
5 PPT *	XXXXXXXXXXXX				*	3	23.08	ARITHMETIC MEAN	.0227
10 PPT *	XXXXXXXXXXXXXXXX				*	4	30.77	VARIANCE	.0005
20 PPT *	XXXXXXX				*	2	15.38	STANDARD DEVIATION	.0223
50 PPT *	XXXXXXXXXXXX				*	3	23.08	SKEW	1.4758
100 PPT *	XXXX				*	1	7.69	EXCESS KURTOSIS	1.3003
200 PPT *					*			COEFFICIENT OF VARIANCE, %	98.3805
500 PPT *					*			STANDARD ERROR OF THE MEAN	.0062
	**	*	*	*	*			LOWER 95% LIMIT ON THE MEAN	.0093
	0	20	40	60	80	100		UPPER 95% LIMIT ON THE MEAN	.0361
								LOWER 95% LIMIT ON THE RANGE	-.0255
								UPPER 95% LIMIT ON THE RANGE	.0709
								GEOMETRIC MEAN	.0152
								LOG10 MEAN	-1.8169
								LOG10 VARIANCE	.1593
								LOG10 STANDARD DEVIATION	.3991
								STANDARD ERROR ON THE MEAN	.1107
								LOWER 95% LIMIT ON THE MEAN	.0088
								UPPER 95% LIMIT ON THE MEAN	.0264
								LOWER 95% LIMIT ON THE RANGE	.0021
								UPPER 95% LIMIT ON THE RANGE	.1110
								MINIMUM VALUE	.0050
								25TH PERCENTILE OR 1ST QUARTILE	.0100
								50TH PERCENTILE OR MEDIAN	.0100
								75TH PERCENTILE OR 3RD QUARTILE	.0400
								80TH PERCENTILE	.0400
								90TH PERCENTILE	.0800
								95TH PERCENTILE	.0800
								98TH PERCENTILE	.0800
								99TH PERCENTILE	.0800
								MAXIMUM VALUE	.0800

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET		SUMMARY STATISTICS			
U	LKWR	PPB	BEXV					
HISTOGRAM								
**	*	*	*	*	N	%	CUM %	
1 PPT *				*				TOTAL NUMBER OF SAMPLES 58
2 PPT *				*				NUMBER OF ZERO VALUE SAMPLES 0
5 PPT *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			*	30	51.72	51.72	NUMBER OF NON-ZERO SAMPLES 58
10 PPT *	XXXXXXXXXXXXXX			*	14	24.14	75.86	ARITHMETIC MEAN .0334
20 PPT *	X			*	1	1.72	77.59	VARIANCE .0046
50 PPT *	XXX			*	3	5.17	82.76	STANDARD DEVIATION .0676
100 PPT *	XXX			*	4	6.90	89.66	SKEW 3.2502
200 PPT *	XXX			*	4	6.90	96.55	EXCESS KURTOSIS 11.5336
500 PPT *	XX			*	2	3.45	100.00	COEFFICIENT OF VARIANCE. % 202.0581
1 PPB *				*				STANDARD ERROR OF THE MEAN .0089
2 PPB *				*				LOWER 95% LIMIT ON THE MEAN .0157
5 PPB *				*				UPPER 95% LIMIT ON THE MEAN .0512
**	*	*	*	*				LOWER 95% LIMIT ON THE RANGE -.1018
0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE .1687
PERCENT								GEOMETRIC MEAN .0117
								LOG10 MEAN -1.9316
								LOG10 VARIANCE .2871
								LOG10 STANDARD DEVIATION .5358
								STANDARD ERROR ON THE MEAN .0704
								LOWER 95% LIMIT ON THE MEAN .0085
								UPPER 95% LIMIT ON THE MEAN .0162
								LOWER 95% LIMIT ON THE RANGE .0010
								UPPER 95% LIMIT ON THE RANGE .1383
								MINIMUM VALUE .0050
								25TH PERCENTILE OR 1ST QUARTILE .0050
								50TH PERCENTILE OR MEDIAN .0050
								75TH PERCENTILE OR 3RD QUARTILE .0100
								80TH PERCENTILE .0300
								90TH PERCENTILE .1200
								95TH PERCENTILE .2000
								98TH PERCENTILE .3800
								99TH PERCENTILE .3800
								MAXIMUM VALUE .3800

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN			
AKRK	U	LKWR	PPB	24	.537E-01	.912E-01	169.7	2.48	5.68	.153E-01	.922E-01	.180E-01	-1.7436	.6333	.976E-02	.334E-01
DIBS	U	LKWR	PPB	16	.153E-01	.149E-01	97.2	1.83	3.03	.742E-02	.232E-01	.108E-01	-1.9670	.3605	.695E-02	.168E-01
GRNT	U	LKWR	PPB	384	.148	.176	119.3	2.37	8.96	.130	.165	.668E-01	-1.1752	.6223	.579E-01	.771E-01
GRNG	U	LKWR	PPB	230	.823E-01	.122	148.9	3.01	13.35	.63E-01	.982E-01	.324E-01	-1.4892	.6134	.270E-01	.390E-01
GRDR	U	LKWR	PPB	37	.534E-01	.124	232.9	3.87	15.41	.119E-01	.948E-01	.159E-01	-1.7982	.5941	.101E-01	.251E-01
QZFP	U	LKWR	PPB	7	.196	.183	93.0	.94	.14	.332E-01	.360	.969E-01	-1.0138	.7191	.220E-01	.426
MGMT	U	LKWR	PPB	79	.520E-01	.895E-01	172.3	3.84	16.83	.319E-01	.720E-01	.226E-01	-1.6465	.5352	.171E-01	.297E-01
UMFC	U	LKWR	PPB	3	.567E-01	.895E-01	157.9	.71	-1.50	-.108	.221	.159E-01	-1.7993	.8690	.402E-03	.627
CGLM	U	LKWR	PPB	1	.500E-02	.100E-05	.0	.00	.00	.500E-02	.500E-02	.500E-02	-2.3010	.0000	.500E-02	.500E-02
GRCK	U	LKWR	PPB	57	.331E-01	.437E-01	132.1	1.51	1.12	.215E-01	.447E-01	.148E-01	-1.8311	.5395	.106E-01	.205E-01
SCST	U	LKWR	PPB	1	.500E-02	.100E-05	.0	.00	.00	.500E-02	.500E-02	.500E-02	-2.3010	.0000	.500E-02	.500E-02
GRSC	U	LKWR	PPB	5	.420E-01	.516E-01	122.7	.74	-1.12	-.173E-01	.101	.184E-01	-1.7356	.6539	.326E-02	.104
AEXV	U	LKWR	PPB	13	.227E-01	.223E-01	98.4	1.48	1.30	.932E-02	.361E-01	.152E-01	-1.8169	.3991	.879E-02	.264E-01
BEXV	U	LKWR	PPB	58	.334E-01	.676E-01	202.1	3.25	11.53	.157E-01	.512E-01	.117E-01	-1.9316	.5358	.846E-02	.162E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE	
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH			
AKRK	U	LKWR	PPB	24	.005	.005	.010	.080	.080	.260	.380	.380	.380	.380	.380
DIBS	U	LKWR	PPB	16	.005	.005	.010	.020	.030	.030	.060	.060	.060	.060	.060
GRNT	U	LKWR	PPB	384	.005	.020	.080	.210	.240	.380	.510	.700	.780	1.440	
GRNG	U	LKWR	PPB	230	.005	.010	.030	.100	.120	.240	.340	.420	.630	.970	
GRDR	U	LKWR	PPB	37	.005	.005	.010	.050	.060	.120	.360	.670	.670	.670	
QZFP	U	LKWR	PPB	7	.005	.140	.200	.260	.550	.550	.550	.550	.550	.550	
MGMT	U	LKWR	PPB	79	.005	.010	.010	.060	.080	.120	.160	.510	.530	.530	
UMFC	U	LKWR	PPB	3	.005	.005	.005	.160	.160	.160	.160	.160	.160	.160	
CGLM	U	LKWR	PPB	1	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	
GRCK	U	LKWR	PPB	57	.005	.005	.010	.060	.070	.110	.140	.170	.170	.170	
SCST	U	LKWR	PPB	1	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	
GRSC	U	LKWR	PPB	5	.005	.005	.010	.120	.120	.120	.120	.120	.120	.120	
AEXV	U	LKWR	PPB	13	.005	.010	.010	.040	.040	.080	.080	.080	.080	.080	
BEXV	U	LKWR	PPB	58	.005	.005	.005	.010	.030	.120	.200	.380	.380	.380	

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB AKRK

HISTOGRAM							SUMMARY STATISTICS				
	**	*	*	*	*	*	N	%	CUM %		
1 PPB *						*				TOTAL NUMBER OF SAMPLES	24
2 PPB *						*				NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *						*				NUMBER OF NON-ZERO SAMPLES	24
10 PPB *						*				ARITHMETIC MEAN	137.8333
20 PPB *						*				VARIANCE	5696.3188
50 PPB *						*				STANDARD DEVIATION	75.4740
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXX					*	10	41.67	41.67	SKEW	1.8843
200 PPB *	XXXXXXXXXXXXXXXXXXXXXXX					*	11	45.83	87.50	EXCESS KURTOSIS	3.5164
500 PPB *	XXXXXX					*	3	12.50	100.00	COEFFICIENT OF VARIANCE, %	54.7574
1 PPM *						*				STANDARD ERROR OF THE MEAN	15.4061
2 PPM *						*				LOWER 95% LIMIT ON THE MEAN	106.0352
5 PPM *						*				UPPER 95% LIMIT ON THE MEAN	169.6314
						*				LOWER 95% LIMIT ON THE RANGE	-17.9449
						*				UPPER 95% LIMIT ON THE RANGE	293.6116
						*				GEOMETRIC MEAN	123.6056
						*				LOG10 MEAN	2.0920
						*				LOG10 VARIANCE	.0387
						*				LOG10 STANDARD DEVIATION	.1966
	**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0401
	0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	102.1424
										UPPER 95% LIMIT ON THE MEAN	149.5788
										LOWER 95% LIMIT ON THE RANGE	48.5563
										UPPER 95% LIMIT ON THE RANGE	314.6522
										MINIMUM VALUE	64.0000
										25TH PERCENTILE OR 1ST QUARTILE	92.0000
										50TH PERCENTILE OR MEDIAN	120.0000
										75TH PERCENTILE OR 3RD QUARTILE	150.0000
										80TH PERCENTILE	190.0000
										90TH PERCENTILE	280.0000
										95TH PERCENTILE	390.0000
										98TH PERCENTILE	390.0000
										99TH PERCENTILE	390.0000
										MAXIMUM VALUE	390.0000

PERCENT

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB DIBS

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	16
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	16
5 PPB *					*				ARITHMETIC MEAN	45.1250
10 PPB *					*				VARIANCE	35.7167
20 PPB *					*				STANDARD DEVIATION	5.9763
50 PPB *	XX				*	14	87.50	87.50	SKEW	-0.3661
100 PPB *	XXXXXX				*	2	12.50	100.00	EXCESS KURTOSIS	1.6435
200 PPB *					*				COEFFICIENT OF VARIANCE, %	13.2440
500 PPB *					*				STANDARD ERROR OF THE MEAN	1.4941
**	*	*	*	*	*				LOWER 95% LIMIT ON THE MEAN	41.9575
0	20	40	60	80	100				UPPER 95% LIMIT ON THE MEAN	48.2925
									LOWER 95% LIMIT ON THE RANGE	32.4552
									UPPER 95% LIMIT ON THE RANGE	57.7948
									GEOMETRIC MEAN	44.7275
									LOG10 MEAN	1.6506
									LOG10 VARIANCE	.0037
									LOG10 STANDARD DEVIATION	.0611
									STANDARD ERROR ON THE MEAN	.0153
									LOWER 95% LIMIT ON THE MEAN	41.5163
									UPPER 95% LIMIT ON THE MEAN	48.1872
									LOWER 95% LIMIT ON THE RANGE	33.2008
									UPPER 95% LIMIT ON THE RANGE	60.2562
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUANTILE	42.0000
									50TH PERCENTILE OR MEDIAN	46.0000
									75TH PERCENTILE OR 3RD QUANTILE	48.0000
									80TH PERCENTILE	48.0000
									90TH PERCENTILE	52.0000
									95TH PERCENTILE	58.0000
									98TH PERCENTILE	58.0000
									99TH PERCENTILE	58.0000
									MAXIMUM VALUE	58.0000

VARIABLE NAME F LKWR	UNIT OF MEASUREMENT PPB	DATA SUBSET GRNT	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
**	*	*	*	*	*	*	
1 PPB *			*			TOTAL NUMBER OF SAMPLES	384
2 PPB *			*			NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *			*			NUMBER OF NON-ZERO SAMPLES	384
10 PPB *			*			ARITHMETIC MEAN	60.3125
20 PPB *			*			VARIANCE	361.1554
50 PPB *	XXXXXXXXXXXXXX		* 101	26.30	26.30	STANDARD DEVIATION	19.0041
100 PPB *	XX		* 275	71.91	97.92	SKEW	4.2116
200 PPB *	X		* 6	1.56	99.48	EXCESS KURTOSIS	26.5771
500 PPB *	I		* 2	.52	100.00	COEFFICIENT OF VARIANCE, %	31.5094
1 PPM *			*			STANDARD ERROR OF THE MEAN	.9698
2 PPM *			*			LOWER 95% LIMIT ON THE MEAN	58.4056
5 PPM *			*			UPPER 95% LIMIT ON THE MEAN	62.2194
**	*	*	*	*	*	LOWER 95% LIMIT ON THE RANGE	22.9444
0	20	40	60	80	100	UPPER 95% LIMIT ON THE RANGE	97.6806
						GEOMETRIC MEAN	58.3864
						LOG10 MEAN	1.7663
						LOG10 VARIANCE	.0104
						LOG10 STANDARD DEVIATION	.1022
						STANDARD ERROR ON THE MEAN	.0052
						LOWER 95% LIMIT ON THE MEAN	57.0237
						UPPER 95% LIMIT ON THE MEAN	59.7816
						LOWER 95% LIMIT ON THE RANGE	36.7566
						UPPER 95% LIMIT ON THE RANGE	92.7444
						MINIMUM VALUE	34.0000
						25TH PERCENTILE OR 1ST QUARTILE	50.0000
						50TH PERCENTILE OR MEDIAN	56.0000
						75TH PERCENTILE OR 3RD QUARTILE	64.0000
						80TH PERCENTILE	66.0000
						90TH PERCENTILE	78.0000
						95TH PERCENTILE	90.0000
						98TH PERCENTILE	110.0000
						99TH PERCENTILE	150.0000
						MAXIMUM VALUE	220.0000

VARIABLE NAME F LKWR	UNIT OF MEASUREMENT PPB	DATA SUBSET GRNG	HISTOGRAM			SUMMARY STATISTICS			
			N	%	CUM %				
1 PPB *						TOTAL NUMBER OF SAMPLES			230
2 PPB *						NUMBER OF ZERO VALUE SAMPLES			0
5 PPB *						NUMBER OF NON-ZERO SAMPLES			230
10 PPB *						ARITHMETIC MEAN			62.4609
20 PPB *						VARIANCE			361.7954
50 PPB *	XXXXXXXXXXXXX					STANDARD DEVIATION			19.0209
100 PPB *	XX		57	24.78	24.78	SKEW			2.6070
200 PPB *	XX					EXCESS KURTOSIS			9.0579
500 PPB *						COEFFICIENT OF VARIANCE. %			30.4525
1 PPM *						STANDARD ERROR OF THE MEAN			1.2542
2 PPM *			163	70.87	95.65	LOWER 95% LIMIT ON THE MEAN			59.9891
5 PPM *						UPPER 95% LIMIT ON THE MEAN			64.9327
			10	4.35	100.00	LOWER 95% LIMIT ON THE RANGE			24.9744
						UPPER 95% LIMIT ON THE RANGE			99.9473
						GEOMETRIC MEAN			60.3363
						LOG10 MEAN			1.7806
						LOG10 VARIANCE			.0117
						LOG10 STANDARD DEVIATION			.1081
						STANDARD ERROR ON THE MEAN			.0071
						LOWER 95% LIMIT ON THE MEAN			58.4168
						UPPER 95% LIMIT ON THE MEAN			62.3189
						LOWER 95% LIMIT ON THE RANGE			36.9517
						UPPER 95% LIMIT ON THE RANGE			98.5199
						MINIMUM VALUE			32.0000
						25TH PERCENTILE OR 1ST QUARTILE			52.0000
						50TH PERCENTILE OR MEDIAN			58.0000
						75TH PERCENTILE OR 3RD QUARTILE			68.0000
						80TH PERCENTILE			70.0000
						90TH PERCENTILE			80.0000
						95TH PERCENTILE			96.0000
						98TH PERCENTILE			140.0000
						99TH PERCENTILE			150.0000
						MAXIMUM VALUE			170.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET	SUMMARY STATISTICS	
F LKWR	PPB	GRDR		
HISTOGRAM				
**	*	*	N	% CUM %
1 PPB *	*	*		TOTAL NUMBER OF SAMPLES 37
2 PPB *	*	*		NUMBER OF ZERO VALUE SAMPLES 0
5 PPB *	*	*		NUMBER OF NON-ZERO SAMPLES 37
10 PPB *	*	*		ARITHMETIC MEAN 67.6216
20 PPB *	*	*		VARIANCE 251.0751
50 PPB *	XXXXXXX	*	5 13.51 13.51	STANDARD DEVIATION 15.8453
100 PPB *	XXX	*	31 83.78 97.30	SKEW .7983
200 PPB *	X	*	1 2.70 100.00	EXCESS KURTOSIS .1177
500 PPB *		*		COEFFICIENT OF VARIANCE, % 23.4324
1 PPM *		*		STANDARD ERROR OF THE MEAN 2.6050
2 PPM *		*		LOWER 95% LIMIT ON THE MEAN 62.3406
5 PPM *		*		UPPER 95% LIMIT ON THE MEAN 72.9027
**	*	*		LOWER 95% LIMIT ON THE RANGE 35.4983
0	20	40		UPPER 95% LIMIT ON THE RANGE 99.7449
PERCENT				
				GEOMETRIC MEAN 65.9373
				LOG10 MEAN 1.8191
				LOG10 VARIANCE .0096
				LOG10 STANDARD DEVIATION .0979
				STANDARD ERROR ON THE MEAN .0161
				LOWER 95% LIMIT ON THE MEAN 61.1670
				UPPER 95% LIMIT ON THE MEAN 71.0796
				LOWER 95% LIMIT ON THE RANGE 41.7588
				UPPER 95% LIMIT ON THE RANGE 104.1153
				MINIMUM VALUE 42.0000
				25TH PERCENTILE OR 1ST QUARTILE 56.0000
				50TH PERCENTILE OR MEDIAN 64.0000
				75TH PERCENTILE OR 3RD QUARTILE 76.0000
				80TH PERCENTILE 82.0000
				90TH PERCENTILE 92.0000
				95TH PERCENTILE 100.0000
				98TH PERCENTILE 110.0000
				99TH PERCENTILE 110.0000
				MAXIMUM VALUE 110.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB QZFP

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	7
					*				NUMBER OF ZERO VALUE SAMPLES	0
1 PPB *					*				NUMBER OF NON-ZERO SAMPLES	7
2 PPB *					*				ARITHMETIC MEAN	55.4286
5 PPB *					*				VARIANCE	26.2857
10 PPB *					*				STANDARD DEVIATION	5.1270
20 PPB *					*				SKREW	-.2355
50 PPB *	XXXXXXXXXXXXXXX				*	2	28.57	28.57	EXCESS KURTOSIS	-1.2374
100 PPB *	XX				*	5	71.43	100.00	COEFFICIENT OF VARIANCE, %	9.2497
200 PPB *					*				STANDARD ERROR OF THE MEAN	1.9378
500 PPB *					*				LOWER 95% LIMIT ON THE MEAN	50.8457
					*				UPPER 95% LIMIT ON THE MEAN	60.0115
**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	43.3033
0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	67.5538
									GEOMETRIC MEAN	55.2216
									LOG10 MEAN	1.7421
									LOG10 VARIANCE	.0017
									LOG10 STANDARD DEVIATION	.0408
									STANDARD ERROR ON THE MEAN	.0154
									LOWER 95% LIMIT ON THE MEAN	50.7755
									UPPER 95% LIMIT ON THE MEAN	60.0570
									LOWER 95% LIMIT ON THE RANGE	44.2241
									UPPER 95% LIMIT ON THE RANGE	68.9539
									MINIMUM VALUE	48.0000
									25TH PERCENTILE OR 1ST QUANTILE	54.0000
									50TH PERCENTILE OR MEDIAN	56.0000
									75TH PERCENTILE OR 3RD QUANTILE	60.0000
									80TH PERCENTILE	62.0000
									90TH PERCENTILE	62.0000
									95TH PERCENTILE	62.0000
									98TH PERCENTILE	62.0000
									99TH PERCENTILE	62.0000
									MAXIMUM VALUE	62.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB MGMT

HISTOGRAM						SUMMARY STATISTICS				
						N	%	CUM %		
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	79
1 PPB *					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *					*				NUMBER OF NON-ZERO SAMPLES	79
5 PPB *					*				ARITHMETIC MEAN	65.8734
10 PPB *					*				VARIANCE	119.1120
20 PPB *					*				STANDARD DEVIATION	10.9138
50 PPB * XX					*	3	3.80	3.80	SKEW	2.2747
100 PPB * XXX					*	74	93.07	97.47	EXCESS KURTOSIS	9.0703
200 PPB * X					*	2	2.53	100.00	COEFFICIENT OF VARIANCE, %	16.5679
500 PPB *					*				STANDARD ERROR OF THE MEAN	1.2279
1 PPM *					*				LOWER 95% LIMIT ON THE MEAN	63.4290
2 PPM *					*				UPPER 95% LIMIT ON THE MEAN	68.3178
5 PPM *					*				LOWER 95% LIMIT ON THE RANGE	44.1470
**	*	*	*	*	*				UPPER 95% LIMIT ON THE RANGE	87.5998
0	20	40	60	80	100				GEOMETRIC MEAN	65.1124
									LOG10 MEAN	1.8137
									LOG10 VARIANCE	.0042
									LOG10 STANDARD DEVIATION	.0647
									STANDARD ERROR ON THE MEAN	.0073
									LOWER 95% LIMIT ON THE MEAN	62.9766
									UPPER 95% LIMIT ON THE MEAN	67.3207
									LOWER 95% LIMIT ON THE RANGE	48.4085
									UPPER 95% LIMIT ON THE RANGE	87.5802
									MINIMUM VALUE	44.0000
									25TH PERCENTILE OR 1ST QUARTILE	60.0000
									50TH PERCENTILE OR MEDIAN	64.0000
									75TH PERCENTILE OR 3RD QUARTILE	70.0000
									80TH PERCENTILE	72.0000
									90TH PERCENTILE	76.0000
									95TH PERCENTILE	80.0000
									98TH PERCENTILE	110.0000
									99TH PERCENTILE	120.0000
									MAXIMUM VALUE	120.0000

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB UMFC

HISTOGRAM						SUMMARY STATISTICS			
					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	3
					*			NUMBER OF ZERO VALUE SAMPLES	0
1 PPB *					*			NUMBER OF NON-ZERO SAMPLES	3
2 PPB *					*			ARITHMETIC MEAN	43.3333
5 PPB *					*			VARIANCE	49.3333
10 PPB *					*			STANDARD DEVIATION	7.0238
20 PPB *					*			SKEW	-.1728
50 PPB *	XX*				3	100.00	100.00	EXCESS KURTOSIS	-1.5000
100 PPB *					*			COEFFICIENT OF VARIANCE, %	16.2087
200 PPB *					*			STANDARD ERROR OF THE MEAN	4.0552
500 PPB *					*			LOWER 95% LIMIT ON THE MEAN	30.4298
					*			UPPER 95% LIMIT ON THE MEAN	56.2369
**	*	*	*	*	*			LOWER 95% LIMIT ON THE RANGE	20.9837
0	20	40	60	80	100			UPPER 95% LIMIT ON THE RANGE	65.6830
PERCENT								GEOMETRIC MEAN	42.9446
								LOG10 MEAN	1.6329
								LOG10 VARIANCE	.0052
								LOG10 STANDARD DEVIATION	.0719
								STANDARD ERROR ON THE MEAN	.0415
								LOWER 95% LIMIT ON THE MEAN	31.6803
								UPPER 95% LIMIT ON THE MEAN	58.2140
								LOWER 95% LIMIT ON THE RANGE	25.3555
								UPPER 95% LIMIT ON THE RANGE	72.7352
								MINIMUM VALUE	36.0000
								25TH PERCENTILE OR 1ST QUARTILE	44.0000
								50TH PERCENTILE OR MEDIAN	44.0000
								75TH PERCENTILE OR 3RD QUARTILE	50.0000
								80TH PERCENTILE	50.0000
								90TH PERCENTILE	50.0000
								95TH PERCENTILE	50.0000
								98TH PERCENTILE	50.0000
								99TH PERCENTILE	50.0000
								MAXIMUM VALUE	50.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
F LKWR	PPB	CGLM

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	50.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE. %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	50.0000
UPPER 95% LIMIT ON THE MEAN	50.0000
LOWER 95% LIMIT ON THE RANGE	50.0000
UPPER 95% LIMIT ON THE RANGE	50.0000
GEOMETRIC MEAN	50.0000
LOG10 MEAN	1.6990
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	50.0000
UPPER 95% LIMIT ON THE MEAN	50.0000
LOWER 95% LIMIT ON THE RANGE	50.0000
UPPER 95% LIMIT ON THE RANGE	50.0000
MINIMUM VALUE	50.0000
25TH PERCENTILE OR 1ST QUARTILE	50.0000
50TH PERCENTILE OR MEDIAN	50.0000
75TH PERCENTILE OR 3RD QUARTILE	50.0000
80TH PERCENTILE	50.0000
90TH PERCENTILE	50.0000
95TH PERCENTILE	50.0000
98TH PERCENTILE	50.0000
99TH PERCENTILE	50.0000
MAXIMUM VALUE	50.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME UNIT OF MEASUREMENT DATA SUBSET
 F LKWR PPB GRCK

HISTOGRAM						SUMMARY STATISTICS				
					N	%	CUM %			
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	57	
1 PPB *					*			NUMBER OF ZERO VALUE SAMPLES	0	
2 PPB *					*			NUMBER OF NON-ZERO SAMPLES	57	
5 PPB *					*			ARITHMETIC MEAN	50.5263	
10 PPB *					*			VARIANCE	52.3609	
20 PPB *					*			STANDARD DEVIATION	7.2361	
50 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	33	57.89	57.89	COEFFICIENT OF VARIANCE. %	14.3214
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				*	24	42.11	100.00	STANDARD ERROR OF THE MEAN	.9584
200 PPB *					*				LOWER 95% LIMIT ON THE MEAN	48.6071
500 PPB *					*				UPPER 95% LIMIT ON THE MEAN	52.4455
**	*	*	*	*	*				LOWER 95% LIMIT ON THE RANGE	36.0368
0	20	40	60	80	100				UPPER 95% LIMIT ON THE RANGE	65.0158
	PERCENT								GEOMETRIC MEAN	50.0101
									LOG10 MEAN	1.6991
									LOG10 VARIANCE	.0040
									LOG10 STANDARD DEVIATION	.0634
									STANDARD ERROR ON THE MEAN	.0084
									LOWER 95% LIMIT ON THE MEAN	48.1115
									UPPER 95% LIMIT ON THE MEAN	51.9837
									LOWER 95% LIMIT ON THE RANGE	37.3380
									UPPER 95% LIMIT ON THE RANGE	66.9831
									MINIMUM VALUE	30.0000
									25TH PERCENTILE OR 1ST QUARTILE	46.0000
									50TH PERCENTILE OR MEDIAN	50.0000
									75TH PERCENTILE OR 3RD QUARTILE	56.0000
									80TH PERCENTILE	56.0000
									90TH PERCENTILE	60.0000
									95TH PERCENTILE	62.0000
									98TH PERCENTILE	72.0000
									99TH PERCENTILE	72.0000
									MAXIMUM VALUE	72.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
F LKWR	PPB	SCST

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	1
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	1
ARITHMETIC MEAN	42.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	.0000
EXCESS KURTOSIS	.0000
COEFFICIENT OF VARIANCE, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	42.0000
UPPER 95% LIMIT ON THE MEAN	42.0000
LOWER 95% LIMIT ON THE RANGE	42.0000
UPPER 95% LIMIT ON THE RANGE	42.0000
GEOMETRIC MEAN	42.0000
LOG10 MEAN	1.6232
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	42.0000
UPPER 95% LIMIT ON THE MEAN	42.0000
LOWER 95% LIMIT ON THE RANGE	42.0000
UPPER 95% LIMIT ON THE RANGE	42.0000
MINIMUM VALUE	42.0000
25TH PERCENTILE OR 1ST QUARTILE	42.0000
50TH PERCENTILE OR MEDIAN	42.0000
75TH PERCENTILE OR 3RD QUARTILE	42.0000
80TH PERCENTILE	42.0000
90TH PERCENTILE	42.0000
95TH PERCENTILE	42.0000
98TH PERCENTILE	42.0000
99TH PERCENTILE	42.0000
MAXIMUM VALUE	42.0000

*

NUMBER OF NON-ZERO SAMPLES IS LT 3 - NO HISTOGRAM

*

VARIABLE NAME F LKWR	UNIT OF MEASUREMENT PPB	DATA SUBSET AEXV	HISTOGRAM			SUMMARY STATISTICS	
			N	%	CUM %		
**	*	*	*	*	*	TOTAL NUMBER OF SAMPLES	13
1 PPB *			*			NUMBER OF ZERO VALUE SAMPLES	0
2 PPB *			*			NUMBER OF NON-ZERO SAMPLES	13
5 PPB *			*			ARITHMETIC MEAN	48.9231
10 PPB *			*			VARIANCE	121.0769
20 PPB *			*			STANDARD DEVIATION	11.0035
50 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		8	61.54	61.54	SKEW	.6343
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		5	38.46	100.00	EXCESS KURTOSIS	-.8026
200 PPB *						COEFFICIENT OF VARIANCE, %	22.4914
500 PPB *						STANDARD ERROR OF THE MEAN	3.0518
**	*	*	*	*	*	LOWER 95% LIMIT ON THE MEAN	42.3311
0	20	40	60	80	100	UPPER 95% LIMIT ON THE MEAN	55.5150
						LOWER 95% LIMIT ON THE RANGE	25.1555
						UPPER 95% LIMIT ON THE RANGE	72.6906
						GEOMETRIC MEAN	47.8476
						LOG10 MEAN	1.6799
						LOG10 VARIANCE	.0089
						LOG10 STANDARD DEVIATION	.0942
						STANDARD ERROR ON THE MEAN	.0261
						LOWER 95% LIMIT ON THE MEAN	42.0154
						UPPER 95% LIMIT ON THE MEAN	54.4894
						LOWER 95% LIMIT ON THE RANGE	29.9447
						UPPER 95% LIMIT ON THE RANGE	76.4541
						MINIMUM VALUE	36.0000
						25TH PERCENTILE OR 1ST QUARTILE	40.0000
						50TH PERCENTILE OR MEDIAN	44.0000
						75TH PERCENTILE OR 3RD QUARTILE	58.0000
						80TH PERCENTILE	58.0000
						90TH PERCENTILE	70.0000
						95TH PERCENTILE	70.0000
						98TH PERCENTILE	70.0000
						99TH PERCENTILE	70.0000
						MAXIMUM VALUE	70.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET		
F LKWR	PPB	BEXV		
HISTOGRAM				
**	*	* * * * *		
1 PPB *	*			
2 PPB *	*			
5 PPB *	*			
10 PPB *	*			
20 PPB *	*			
50 PPB *	*	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		
100 PPB *	*	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		
200 PPB *	*			
500 PPB *	*			
1 PPM *	*	X		
2 PPM *	*			
5 PPM *	*			
**	*	* * * * *		
0	20	40 60 80 100		
PERCENT				
N % CUM %				
			SUMMARY STATISTICS	
			TOTAL NUMBER OF SAMPLES	58
			NUMBER OF ZERO VALUE SAMPLES	0
			NUMBER OF NON-ZERO SAMPLES	58
			ARITHMETIC MEAN	63.8621
			VARIANCE	6083.4894
			STANDARD DEVIATION	77.9967
			SKEW	7.1235
			EXCESS KURTOSIS	50.1502
			COEFFICIENT OF VARIANCE, %	122.1331
			STANDARD ERROR OF THE MEAN	10.2415
			LOWER 95% LIMIT ON THE MEAN	43.3627
			UPPER 95% LIMIT ON THE MEAN	84.3614
			LOWER 95% LIMIT ON THE RANGE	-92.2562
			UPPER 95% LIMIT ON THE RANGE	219.9803
			GEOMETRIC MEAN	54.6938
			LOG10 MEAN	1.7379
			LOG10 VARIANCE	.0299
			LOG10 STANDARD DEVIATION	.1729
			STANDARD ERROR ON THE MEAN	.0227
			LOWER 95% LIMIT ON THE MEAN	49.2597
			UPPER 95% LIMIT ON THE MEAN	60.7273
			LOWER 95% LIMIT ON THE RANGE	24.6506
			UPPER 95% LIMIT ON THE RANGE	121.3521
			MINIMUM VALUE	36.0000
			25TH PERCENTILE OR 1ST QUARTILE	46.0000
			50TH PERCENTILE OR MEDIAN	52.0000
			75TH PERCENTILE OR 3RD QUARTILE	62.0000
			80TH PERCENTILE	64.0000
			90TH PERCENTILE	76.0000
			95TH PERCENTILE	82.0000
			98TH PERCENTILE	640.0000
			99TH PERCENTILE	640.0000
			MAXIMUM VALUE	640.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
AKRK	F	LKWR	PPB	24	138.	75.5	54.8	1.88	3.52	106.	170.	124.	2.0920 .1966 102. 150.
DIBS	F	LKWR	PPB	16	45.1	5.98	13.2	-.37	1.64	42.0	48.3	44.7	1.6506 .0611 41.5 48.2
GRNT	F	LKWR	PPB	384	60.3	19.0	31.5	4.21	26.58	58.4	62.2	58.4	1.7663 .1022 57.0 59.8
GRNG	F	LKWR	PPB	230	62.5	19.0	30.5	2.61	9.06	60.0	64.9	60.3	1.7806 .1081 58.4 62.3
GRDR	F	LKWR	PPB	37	67.6	15.8	23.4	.80	.12	62.3	72.9	65.9	1.8191 .0979 61.2 71.1
QZFP	F	LKWR	PPB	7	55.4	5.13	9.2	-.24	-1.24	50.8	60.0	55.2	1.7421 .0408 50.8 60.1
MGMT	F	LKWR	PPB	79	65.9	10.9	16.6	2.27	9.07	63.4	68.3	65.1	1.8137 .0647 63.0 67.3
UMFC	F	LKWR	PPB	3	43.3	7.02	16.2	-.17	-1.50	30.4	56.2	42.9	1.6329 .0719 31.7 58.2
CGLM	F	LKWR	PPB	1	50.0	.100E-05	.0	.00	.00	50.0	50.0	50.0	1.6990 .0000 50.0 50.0
GRCK	F	LKWR	PPB	57	50.5	7.24	14.3	.22	.79	48.6	52.4	50.0	1.6991 .0634 48.1 52.0
SCST	F	LKWR	PPB	1	42.0	.100E-05	.0	.00	.00	42.0	42.0	42.0	1.6232 .0000 42.0 42.0
GRSC	F	LKWR	PPB	5	57.2	6.57	11.5	.96	-.48	49.6	64.8	56.9	1.7552 .0479 50.1 64.6
AEXV	F	LKWR	PPB	13	48.9	11.0	22.5	.63	-.80	42.3	55.5	47.8	1.6799 .0942 42.0 54.5
BEXV	F	LKWR	PPB	58	63.9	78.0	122.1	7.12	50.15	43.4	84.4	54.7	1.7379 .1729 49.3 60.7

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----									MAX VALUE	
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH			
AKRK	F	LKWR	PPB	24	64.000	92.000	120.000	150.000	190.000	280.000	390.000	390.000	390.000	390.000	390.000
DIBS	F	LKWR	PPB	16	30.000	42.000	46.000	48.000	48.000	52.000	58.000	58.000	58.000	58.000	58.000
GRNT	F	LKWR	PPB	384	34.000	50.000	56.000	64.000	66.000	78.000	90.000	110.000	150.000	220.000	220.000
GRNG	F	LKWR	PPB	230	32.000	52.000	58.000	68.000	70.000	80.000	96.000	140.000	150.000	170.000	170.000
GRDR	F	LKWR	PPB	37	42.000	56.000	64.000	76.000	82.000	92.000	100.000	110.000	110.000	110.000	110.000
QZFP	F	LKWR	PPB	7	48.000	54.000	56.000	60.000	62.000	62.000	62.000	62.000	62.000	62.000	62.000
MGMT	F	LKWR	PPB	79	44.000	60.000	64.000	70.000	72.000	76.000	80.000	110.000	120.000	120.000	120.000
UMFC	F	LKWR	PPB	3	36.000	44.000	44.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000
CGLM	F	LKWR	PPB	1	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000
GRCK	F	LKWR	PPB	57	30.000	46.000	50.000	56.000	56.000	60.000	62.000	72.000	72.000	72.000	72.000
SCST	F	LKWR	PPB	1	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000
GRSC	F	LKWR	PPB	5	52.000	52.000	56.000	68.000	68.000	68.000	68.000	68.000	68.000	68.000	68.000
AEXV	F	LKWR	PPB	13	36.000	40.000	44.000	58.000	58.000	58.000	70.000	70.000	70.000	70.000	70.000
BEXV	F	LKWR	PPB	58	36.000	46.000	52.000	62.000	64.000	76.000	82.000	640.000	640.000	640.000	640.000

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***															
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F	
42D	771007	GRNG	10	**				+	+	+		*	*						
42D	771008	GRNG	18	**	*			**	**	**			**	**					
42D	771009	GRNG	10	**	+			+	+			**	*				+		
42D	771012	GRNT	10	*				***		+		+	*						
42D	771014	GRNT	8	*	*							**	+						
42D	771018	GRNT	5	+				+		+		*	*						
42D	771022	BEXV	6					+	*		+	*							
42D	771025	GRNT	6			***					+	*							
42D	771027	GRNT	6		*						+	**							
42D	771038	GRNT	4					+				+	+	+					
42D	771039	GRNT	6	**								*	+						
42D	771042	GRNT	16	***				*		**		***	**						
42D	771043	GRNT	5	*								*	*						
42D	771044	GRNT	6					**		+		*					+		
42D	771046	GRNT	4									*							
42D	771048	GRNT	8			+						*						***	
42D	771049	GRNT	4			+												***	
42D	771053	GRNT	5															**	
42D	771055	GRNT	16	**		***				*							+	*	
42D	771056	GRNT	7	+		*											+	***	
42D	771057	GRNT	19	***		+		***		*		***	*				*	***	
42D	771059	GRNT	6			+												*	
42D	771060	GRNT	21	**	+	**				+		***	+			+	**	*	
42D	771062	GRNT	7			*						*	*				+	*	
42D	771063	GRNT	12	*		***						*	*				+	*	
42D	771068	GRNT	11	**			*	*		+		+	*				+	*	
42D	771072	GRNT	12	*				***		+		**	+					*	
42D	771074	GRNT	5	*								*	+					*	
42D	771075	GRNT	6			+		*		+			*					*	
42D	771076	GRNT	6					+		+		*	+					*	
42D	771077	GRNT	5				*					*	+					*	
42D	771082	GRNT	4	+									*					*	
42D	771083	BEXV	4	+						+			*					*	
42D	771087	BEXV	5										*					*	
42D	771088	GRNT	4			+							*			***		*	
42D	771089	GRNT	15	*				***		*		*	***					*	
42D	771091	GRNT	6			***					+		*					*	
42D	771092	GRNT	4										*					*	
42D	771094	GRNT	8		*			+			+	***	*					*	
42D	771095	BEXV	11					*	+	*	+	***	*					*	
42D	771096	BEXV	8		***					+	+	+	*					*	
42D	771097	BEXV	10					*	+	*		+	*				+	*	
42D	771098	BEXV	9						+			+	*				+	*	
42D	771102	GRNT	4	*			+				+					***	***	*	
42D	771107	GRNT	5				+				***							*	
42D	771113	GRNG	8						+			***	*					+	
42D	771114	BEXV	16	+			+	***	+	***		+	***					+	
42D	771117	BEXV	4		+				+		+							*	
42D	771120	GRNT	4			**					+					+		+	
42D	771124	GRNT	5	+						+	+							*	

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***															
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F	
42D	771126	GRNG	4			*				+				+					
42D	771127	BEXV	8			***				+	+	+		+					
42D	771129	BEXV	4							+		*	+						
42D	771130	GRCK	4		+			+						*					
42D	771132	BEXV	4		*			+		+									
42D	771133	BEXV	4							+	+	+						+	
42D	771138	GRNT	6	***		+									+				
42D	771144	GRCK	21	*		***		***		***		*	***	+					
42D	771146	GRNG	8							+							**	***	
42D	771148	GRCK	6	+								*	+					*	
42D	771149	GRCK	11	*			***	*			+		*						
42D	771153	AKRK	5				***			+									
42D	771154	AKRK	7			+				+					***		+		
42D	771156	AKRK	6	***						+								+	
42D	771157	AKRK	5							+					***				
42D	771158	AKRK	4							***									
42D	771162	AKRK	5							+								***	
42D	771164	GRNT	4			+												**	
42D	771168	GRNT	7			***	+	+										+	
42D	771177	GRNG	5							+								***	
42D	771179	GRNG	5		+					+					**				
42D	771186	BEXV	14	***		+				+		*				*		***	
42D	771188	AKRK	7							+	+	***	+						
42D	771189	AKRK	5				***			+									
42D	771190	AKRK	6	+						+	***								
42D	771192	AKRK	4		+			+		+					+				
42D	771195	BEXV	9	+	*			+		+	+			+				*	
42D	771196	GRNG	8	*		+				+	+			+				*	
42D	771197	GRNG	4	+						+	+							+	
42D	771198	GRNG	7	***						+	+			+					
42D	771199	GRNG	6		***					+			+						
42D	773002	AKRK	10							+		***	+				***		
42D	773005	BEXV	8			+				+		***						*	
42D	773010	GRNT	5			+						***							
42D	773028	GRDR	5							*				*		+			
42D	773033	GRDR	5							*		+	+		+				
42D	773034	GRDR	6							*		***							
42D	773037	GRDR	5			+				*		+				+			
42D	773043	GRDR	5			+		+		*	+								
42D	773048	GRDR	5				+	+		*				+					
42D	773049	BEXV	4							+			+					*	
42D	773053	GRNT	5													***	+		
42D	773054	GRNT	5													**			
42D	773055	GRNT	14	*		+		+		*		*	*			***			
42D	773058	GRNT	4			*									*				
42D	773063	GRNT	8		***		+						**						
42D	773064	GRNT	4		***														
42D	773068	GRNT	4			+					*						+		
42D	773069	GRNT	4			**											+		
42D	773070	GRNT	19	**		*		*		*	+	***	+	+	**				

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

				DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***														
MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F
42D	773071	GRNT	7			*					*			+		*		
42D	773082	BEXV	5	+				+	+				*					
42D	773083	GRDR	4	+		+			*									
42D	773086	GRDR	12			*			*					***		***		
42D	773088	GRDR	13				+	*	*	***			***					
42D	773093	GRNT	4													***		
42D	773096	GRNT	4			**										+		
42D	773097	GRNT	7			**										*	*	
42D	773109	GRNG	4			**			+									
42D	773111	GRDR	8	***					*						*			
42D	773115	GRNG	6			**			+									*
42D	773116	GRNG	7			***			+									*
42D	773117	GRDR	5	+					***									
42D	773122	GRDR	6						*									***
42D	773123	GRDR	4						*									*
42D	773124	GRDR	10		***				*			***						
42D	773129	GRDR	6			***			*									
42D	773140	GRDR	16			*	***	***	*	*			*					
42D	773142	BEXV	5	*			*		+									
42D	773143	BEXV	13		+		***		***					***				
42D	773145	BEXV	7	*			*		+						*			
42D	773148	GRCK	11	***		+	+						+					***
42D	773149	AKRK	15		***		+	***	+				***	+				
42D	773152	BEXV	6			+			+				+			*		+
42D	773154	GRNG	6						+						***			+
42E	771002	DIBS	14		***				+		+		***		***			
42E	771008	GRNG	4	*					+								+	
42E	771010	GRNG	4	+		+			+							+		
42E	771020	GRNT	7	+	*					*			*					
42E	771022	GRNT	12		+					***	*		***					+
42E	771024	GRNT	17		**			+		**	***		**	+			*	
42E	771029	GRNT	8							**	*	+					+	+
42E	771035	GRNG	6	*	*		+		+									
42E	771039	GRNT	7		+			*		+			+	*				
42E	771042	GRNG	6	***					+							+		
42E	771043	GRNT	9	***											***		+	
42E	771045	GRNT	7	+	+		**								+			+
42E	771050	GRNG	4						+						**			
42E	771054	GRNT	4												***			
42E	771059	GRNG	9	+					+						+	*	***	
42E	771060	GRNG	14	*	*				+	*			*	*			**	*
42E	771064	GRCK	5							+						+	+	*
42E	771067	GRNT	6	*			*								*			
42E	771070	GRNT	5				+					+			**			
42E	771071	GRNG	14				**	*	**	+				+		***		
42E	771072	GRNG	7				*		***					+				
42E	771073	GRNG	16		***		+		***			**		***				
42E	771074	GRNG	9	+				+	***			+		*				
42E	771076	GRNG	4					*	+	+								
42E	771078	GRNG	11		**				**			***				+		

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***															
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F	
42E	771079	GRNG	4							**						+			
42E	771080	GRNG	9			+	*	+		+									***
42E	771084	GRNT	5							***									
42E	771085	GRNT	6				**								*				
42E	771089	BEXV	4		+					+									
42E	771093	DIBS	18				***			+		+				*		***	***
42E	771097	GRNT	4				+				+		+						***
42E	771099	GRNT	13		*			*		**		**	**						
42E	771100	GRNT	5					+				+	**						
42E	771103	GRNG	6		+					**									
42E	771106	GRNT	9		*							***				*			
42E	771108	BEXV	4						*						*				
42E	771114	GRCK	16			*		*		*				+	***		***		+
42E	771117	GRNG	7		*					+				+	***				+
42E	771124	GRNG	4							+				+			*		
42E	771125	GRNG	5							+						***			
42E	771133	GRNG	8		*		+	*		+			+				+		
42E	771135	GRNT	5				+								*	*			
42E	771136	GRNT	8		+						*	**	*						
42E	771148	GRNT	4	*				*											
42E	771149	GRNG	6	+		*		+		+					+				
42E	771153	GRNG	6			**				+							*		
42E	771156	GRNG	11					***	**					**		+			
42E	771158	GRNT	10					***				*		***					
42E	771159	GRNT	10	*			*	*				***		***					
42E	771162	GRNT	17				***	***		***	+			***					
42E	771170	GRNT	7					*		*		+		*					
42E	771174	GRNG	6					+		+		+	**						
42E	771175	GRCK	4								+					+			*
42E	771180	GRNG	4	+						+									
42E	771188	GRNT	9		**												+	+	
42E	771189	GRNT	4												***		*	***	
42E	771200	GRCK	5									+			***				
42E	771202	GRNT	4		**							+							
42E	771210	GRNT	5		+						+						*		
42E	771216	GRNT	4																***
42E	771223	GRNT	4													***			
42E	771223	GRNT	9		***						+								***
42E	771229	GRNT	5									*							**
42E	771232	GRNT	6												+	+			***
42E	771244	GRNG	6		*			+		+				*					
42E	771255	GRNG	6	+		*		*		+									
42E	77125C	GRNG	5	+		*				+									+
42E	771258	GRNG	5			+				+						**			
42E	771263	GRNG	7			+				**					+	*			
42E	771275	GRNG	6							+							***	+	
42E	771289	GRNT	8		***		***												
42E	771291	GRNT	4							***									
42E	771297	GRNG	4							+						*			+
42E	771298	GRNT	8												***	*			+

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***															
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F	
42E	771304	GRNT	5				+											*	*
42E	771311	GRNT	8		+					+							+	+	***
42E	771318	GRNT	4														***		
42E	771323	GRCK	5		*		*					+							
42E	771326	DIBS	11	+			***			+		+					+	+	+
42E	771333	DIBS	8	***	+					+		+				+			+
42E	771349	GRNT	4		+										**				
42E	771352	GRNT	7	+	**		+								*				
42E	771353	GRCK	4		*		+						+						
42E	771356	DIBS	8					+	+	***	+			+					
42E	771364	GRCK	4															*	*
42E	771366	DIBS	9						***			+				***			
42E	771373	GRCK	13		+	+		+				***					*	***	
42E	771374	DIBS	10					***	+	+	***								
42E	771378	GRCK	10		***		*						***						
42E	771379	GRNT	4									*						*	
42E	771380	GRNG	5							+			*					*	
42E	771382	GRNG	9							+		**					**	*	
42E	771383	GRNG	8							+		*					**	*	
42E	771385	GRNT	13								*	**		+	***		*		+
42E	771387	GRNT	9								+	***	*					*	
42E	771391	GRNT	11				***	**			+			**					
42E	771392	GRNG	9				**	**				+			*		+		
42E	771393	GRNT	5			+	+					*							
42E	771394	GRNT	6				+	+				**		+					
42E	771398	GRNG	6			+				+		***							
42E	771399	GRNG	9					+	+	*	**			*					
42E	771400	GRNG	7					+	+	*	*			+					
42E	771402	GRNG	4						+						**				
42E	771404	GRNG	16	+			*	**	+	***		*	**						
42E	771410	GRNT	6		+			*		*			+						
42E	771411	GRNT	4				*	+					+						
42E	771413	GRNT	4				***												
42E	771417	GRNT	4		+										*				+
42E	771418	GRNG	6						+				**					*	
42E	771423	GRNG	5						+	*			*						
42E	771425	GRNG	9					*	+	***			*						
42E	771434	GRNG	4		+		*		+						**				
42E	771437	GRNG	5				+		+						**				
42E	771438	GRNG	15		+		***	*	+	**		*	*						
42E	771439	GRNG	9	*	+		*	+	+	+							+		
42E	771452	GRNG	7	+			**	+	+				+				+		
42E	771460	GRNT	13		+		+	*		***		*	*	**					
42E	771464	GRNG	5	+	+		*		+										
42E	771465	GRNG	14	*				***	+	*	+		***						
42E	771480	GRNG	6		*		*		+			+							
42E	771482	GRNG	4						+	+	+		+						
42E	771483	GRNG	4				+		+			+					+		
42E	771486	GRNT	4				+							+	*				
42E	771487	GRNT	4				*					*							

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***														
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F
42E	771488	GRNT	5		*		**											
42E	771489	GRNG	5		+				+		*					+		
42E	771490	GRNG	4				+		+		*							
42E	771493	GRNG	4						+				+			*		
42E	771497	GRNG	10						+	**	***							*
42E	771504	GRNG	4						+	*			+					
42E	771513	GRNT	9							***	**		*					
42E	771515	GRNT	4		*							+			+			
42E	771524	GRNG	7		*		*		+							*		
42E	771525	GRNG	5		+				+						**			
42E	771533	GRNG	6	*					+									**
42E	771534	GRNG	4						+									**
42E	771539	GRNG	5		+		**		+									**
42E	771543	GRNG	11		**		***		+							**		
42E	771545	GRNT	4							*	*							
42E	771548	GRNT	4		*		+	+										
42E	771553	GRNG	10						+	**	*		**	+				
42E	773002	GRNG	7			**			+			+	+					
42E	773003	BEXV	4						+							*		+
42E	773004	BEXV	4						+		+					+		+
42E	773005	GRNG	5		**			+	+									+
42E	773006	GRNG	4			+			+								+	+
42E	773007	GRDR	4						*								*	
42E	773009	GRDR	9		+		*	+	*		+		+			+		
42E	773014	MGMT	6						+	*	**							
42E	773016	MGMT	4						+		*		+					
42E	773017	GRDR	6						*	+	*		+					
42E	773027	GRNG	6			+			+		*			+				+
42E	773030	GRDR	10						*			***				***		
42E	773032	GRNG	4			*			+			+						
42E	773033	GRNG	6			***			+		+							
42E	773036	GRNG	6			***			+				+					
42E	773037	GRNG	5						+		***							
42E	773038	GRNG	4						**		+							
42E	773043	MGMT	5						+		+					*		+
42E	773046	MGMT	4		+			+	+							+		
42E	773048	MGMT	6						+		+							***
42E	773052	MGMT	4	+					+							*		
42E	773059	MGMT	5		**				+			+						
42E	773064	GRDR	5		+				*							+		+
42E	773065	GRDR	6		+				*			+					+	+
42E	773066	GRDR	10		*				*							*	***	
42E	773068	GRNG	9						**	9	+		*			*		+
42E	773070	MGMT	6						+		+	*			+	+		
42E	773073	MGMT	10					+	+		**	+	***					
42E	773077	MGMT	6			***			+			+						
42E	773078	MGMT	8						***							**	+	
42E	773079	MGMT	7						+			*				***		
42E	773086	MGMT	7						+			***					*	
42E	773087	MGMT	4			*			+								+	

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE

MAP	ID	ROCK	RATING	DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***														
				ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	U	F
42E	773091	MGMT	7		***				+					+				+
42E	773092	GRDR	4	*					*									
42E	773095	MGMT	8						***						***			
42E	773097	MGMT	5						+	**				+				
42E	773098	MGMT	4						+	*				+				
42E	773099	MGMT	5						***							+		
42E	773103	MGMT	12	+	*		**	+	+		*				*			
42E	773104	MGMT	5						+						**			+
42E	773107	MGMT	8	***					***									
42E	773108	MGMT	25	*		***		***	+	***	***		*	***				
42E	773109	MGMT	5	**					+						+			
42E	773110	MGMT	4						***									
42E	773112	MGMT	5			+		+	+				*					
42E	773114	MGMT	4		+		+	+	+								+	
42E	773116	MGMT	7				+	**	+	+				+				
42E	773117	MGMT	4						***									
42E	773120	MGMT	5						+					+			**	
42E	773124	MGMT	7					+	+	+			**					+
42E	773125	MGMT	6						+			**					+	+
42E	773127	MGMT	6						+								*	**
42E	773130	MGMT	4	*					+						+			
42E	773131	MGMT	5				+		+						**			
42E	773132	MGMT	4		+				+					*				
42E	773134	MGMT	8				***	**	+									
42E	773135	MGMT	10			*		+	+							*	***	
42E	773139	MGMT	7			*		**	+					+				
42E	773144	MGMT	7		*				***						+			
42E	773145	MGMT	4						+					**				
42E	773147	GRNG	5						**	+								+
42E	773156	GRNG	4						+								*	+
42E	773158	GRNG	7		+				+								**	*
42E	773159	MGMT	8	+	+		*		+			+						*
42E	773163	GRNG	6						+			+				+		**
42E	773164	GRNG	6						+			*				+		*
42E	773166	GRNG	5						+		**							+

