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REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, YUKON AND NORTHWEST TERR. GSC-OF 868, NGR 51-1981, NTS 105I

OPEN FILE 868

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REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, NAHANNI MAP-AREA (NTS 105I), YUKON AND NORTHWEST TERRITORIES, 1981 GSC OPEN FILE 868, NGR 51-1981

THE RECONNAISSANCE GEOCHEMICAL SURVEY OF THE NAHANNI MAP-AREA WAS CARRIED OUT AS PART OF THE NAHANNI INTEGRATED MULTIDISCIPLINARY PILOT PROJECT (NIMPP). THE NIMPP WAS ESTABLISHED BY THE GEOLOGICAL SURVEY OF CANADA TO STUDY, USING A MULTIDISCIPLINARY AND INTEGRATED APPROACH, THE MANY AND VARIED GEOLOGICAL, GEOCHEMICAL, MINERALIZING AND SURFICIAL PROCESSES CONSIDERED ACTIVE DURING THE FORMATION OF THE SELWYN BASIN AND THE MINERAL DEPOSITS HOSTED THEREIN.

W.D. GOODFELLOW DIRECTED GEOLOGICAL SURVEY OF CANADA ACTIVITIES RELATED TO GEOCHEMICAL METHODOLOGIES, SAMPLING AND ANALYTICAL SPECIFICATIONS, AND MAP AND DATA RELEASE FORMATS.

CONTRACTS FOR SAMPLE COLLECTION AND FOR ANALYSES OF SELECTED ELEMENTS WERE LET TO THE FOLLOWING COMPANIES:

COLLECTION

- STAFF PROVIDED BY MARSHALL, MACKLIN AND MONAGHAN LTD., TORONTO
- HELICOPTER SUPPORT PROVIDED BY CONWEST HELICOPTERS LTD., CALGARY

ANALYTICAL

- BONDAR-CLEGG AND COMPANY LTD. DETERMINED THE FOLLOWING ELEMENTS IN STREAM SEDIMENT ELEMENTS: ZN, CU, PB, NI, CO, AG, MN, FE, MO, V, W F, LOI, P2O5 AND BA.
- NOVA TRACK LTD., VANCOUVER DETERMINED U IN STREAM SEDIMENT BY DELAYED NEUTRON ACTIVATION.
- THE REMAINING ELEMENTS WERE ANALYSED IN THE GEOLOGICAL SURVEY OF CANADA LABORATORIES BY A.I. MACLAURIN, G. GAUTHIER AND W.M. ALEXANDER UNDER THE SUPERVISION OF G.E.M. HALL. SAMPLE PREPARATION WAS CARRIED OUT BY P.J. LAVERGNE AND W.H. NELSON. PRECISION AND ACCURACY OF ANALYTICAL RESULTS WERE MONITORED BY J.J. LYNCH.
- OPEN FILE PRODUCTION WAS COORDINATED BY N.G. LUND. VALUE AND SAMPLE LOCATION MAPS WERE CREATED BY A 1051 DRUM PLOTTER. THE SYMBOL PLOTS WERE DONE BY D.J. ELLWOOD DATA MANAGEMENT WAS DONE BY A. GALLETTA.

SAMPLE COLLECTION AND PREPARATION PROCEDURES

STREAM SEDIMENT AND WATER SAMPLES WERE COLLECTED AT AN AVERAGE DENSITY OF ONE SAMPLE PER 12 SQUARE KILOMETRES THROUGHOUT THE 11,558 SQUARE KILOMETRES THAT COMPRISE THE NAHANNI MAP-AREA (NTS 105I). FOR THE PURPOSES OF SAMPLING, PREPARATION AND ANALYTICAL CONTROL, SAMPLE NUMBERS WERE DIVIDED INTO BLOCKS OF 20 WITH EACH BLOCK CONSISTING OF 17 ROUTINE SAMPLES, ONE FIELD DUPLICATE, ONE BLIND DUPLICATE, AND ONE CONTROL REFERENCE STANDARD. FURTHER DETAILS CAN BE OBTAINED FROM GARRETT (1974).

AT GSC LABORATORIES IN OTTAWA, FIELD-DRIED STREAM SEDIMENT SAMPLES WERE AIR-DRIED, SIEVED TO MINUS-80 MESH (177 MICRONS) AND BALL MILLED TO MINUS-150 MESH. CONTROL REFERENCE AND BLIND DUPLICATE SAMPLE POSITIONS WERE FILLED DURING SAMPLE PREPARATION. IN THE CASE OF STREAM WATERS, THE CONTROL REFERENCE POSITION WAS FILLED IN THE FIELD WITH ONE OF THREE CONTROL STANDARDS COLLECTED NEAR BASE CAMP. THE BLIND DUPLICATES FOR STREAM WATERS WERE LEFT BLANK.

ALL STREAM WATERS WERE FILTERED THROUGH 0.45 UM FILTER PAPER BEFORE ANALYSES.

STREAM WATER

URANIUM WAS DETERMINED BY LASER INDUCED FLUORESCENCE USING A SCINTREX UA-3. A 5 ML SAMPLE WAS PIPETTED INTO A QUARTZ CELL AND A METAPHOSPHATE-PHOSPHATE SOLUTION (500 UL) ADDED. THE FLUORESCENCE OF THE URANYL PHOSPHATE FORMED AND EXCITED BY THE LASER WAS MEASURED. THE METHOD OF STANDARD ADDITIONS WAS USED.

FLUORIDE WAS MEASURED USING A SPECIFIC ION ELECTRODE AND AN ORION METER. A 5 ML SAMPLE OF WATER AND A 5 ML ALIQUOT OF BUFFER (TISAB) WERE MEASURED USING UV READINGS. ALKALINITY AND PH WERE DETERMINED SIMULTANEOUSLY USING A RADIOMETER TTT 81 DIGITAL TITRATOR AND PH METER RESPECTIVELY.

ANIONS CL, NO3, PO4, SO4, WERE MEASURED USING ION CHROMATOGRAPHY. A 100 UL SAMPLE WAS SEPARATED ON AN EXCHANGE RESIN AND THE RESULTING SOLUTION PASSED THROUGH A HIGH CAPACITY CATION EXCHANGE RESIN TO A CONDUCTIVITY CELL. THE ELUENT USED WAS 0.003 M NA2CO3/0.0024 M NAHCO3. A DIONEX SYSTEM 12 WAS USED.

MAJOR CATIONS NA, K, CA, MG, MN, FE AND ZN WERE DETERMINED BY DIRECT ASPIRATION USING A PERKIN ELMER 5000 ATOMIC ABSORPTION SPECTROPHOTOMETER. AN AIR-ACETYLENE FLAME WAS USED IN ALL CASES. A 2000 PPM POTASSIUM SOLUTION WAS USED AS AN IONIZATION BUFFER FOR NA ANALYSES; 2000 PPM SODIUM FOR K ANALYSES, AND 2000 PPM LANTHANUM WAS USED AS A RELEASING AGENT FOR CA ANALYSES.

STREAM SEDIMENT

ZN, CU, PB, NI, CO, AG, CD, MN, FE, MO AND V WERE DETERMINED BY ATOMIC ABSORPTION SPECTROPHOTOMETRY AFTER DECOMPOSITION WITH A MULTI-ACID TOTAL DIGESTION. A 500 MG SAMPLE WAS LEACHED OVER A PERIOD OF 4 HOURS USING A 5 ML ALIQUOT OF HF - HCL - HNO3 - HCLO4 ACID MIXTURE (RATIO 1:1:1:1) . A FINAL SOLUTION OF 5% HCL WAS MADE UP TO A VOLUME OF 20 ML. ALL ELEMENTS WITH THE EXCEPTION OF MO WERE ATOMIZED USING AN AIR-ACETYLENE FLAME; A NITROUS OXIDE-ACETYLENE FLAME AND A 1000 PPM AL SOLUTION AS IONIZATION BUFFER WERE USED FOR MO ANALYSES. BACKGROUND CORRECTIONS WERE MADE ON NI, CO, AG, PB AND MO ANALYSES.

F WAS DETERMINED USING AN ION SELECTIVE ELECTRODE AND TOTAL IONIC STRENGTH ADJUSTMENT BUFFER (TISAB). A 500 MG SAMPLE WAS FUSED WITH NA2CO3 - KNO3 (9:1) AT 800 C FOR 10 MINUTES.

BA WAS ANALYSED BY X-RAY FLUORESCENCE USING PRESSED POWDER DISCS. COLORIMETRIC METHODS EMPLOYING THE STANDARD DITHIOL METHOD WERE USED TO MEASURE W. THE SAMPLE WAS FUSED AT 800 C IN NICKEL CRUCIBLES ALONG WITH A MIXTURE OF NA2CO3, NACL AND KNO3 (5/4/1). P2O5 WAS DETERMINED COLORIMETRICALLY USING THE H2SO4 AND AMMONIUM MOLYBDATE METHOD AFTER SAMPLE DECOMPOSITION USING HNO3 - HCL - HCLO4.

LOSS ON IGNITION (LOI) WAS A MEASURE OF THE WEIGHT PERCENT LOSS OF VOLATILES AFTER IGNITING A KNOWN WEIGHT OF SAMPLE AT 450 C FOR 4 HOURS.

U WAS DETERMINED BY NEUTRON ACTIVATION ANALYSES USING DELAYED NEUTRON COUNTING ON A 3 GRAM SAMPLE. THE FLUX DENSITY USED WAS 2 X 1011 N/CM2 S TO 1 X 1012 N/CM2 S.

FOR THE DETERMINATION OF AS, SB AND HG, A 750 ML SAMPLE WAS DIGESTED OVERNIGHT IN AQUA REGIA (3 HCL:1HNO3). IT WAS THEN TREATED IN A WATER BATH FOR APPROXIMATELY 4 HOURS DURING WHICH THE TEMPERATURE WAS RAISED TO 90 C. THE FINAL VOLUME WAS 15 ML. SUBSEQUENTLY, AS, SB WERE MEASURED BY ATOMIC ABSORPTION SPECTROPHOTOMETRY USING A SILICA TUBE HEATED TO 900 C. THE HYDRIDE OF THE ELEMENT WAS FORMED WITH A SODIUM BOROHYDRIDE REDUCING AGENT. MERCURY WAS DETERMINED SIMILARLY BY MEASURING HG VAPOUR ATOMIZED IN A SILICA TUBE HEATED TO 100 C.

ANALYTICAL DATA WERE RECORDED ON 80 COLUMN COMPUTER CARDS AS FOLLOWS.

ELEMENT	SAMPLE RECORD CARD	COLUMNS	DETECTION LIMIT	LESS THAN DETECTION LIMIT
WATER				
U (PPB)	2	21 - 25	0.10	0.05
F (PPB)	2	26 - 30	25	12
ZN (PPB)	2	36 - 40	5	2
MN (PPB)	2	41 - 45	10	5
FE (PPB)	2	46 - 50	40	20
CA (PPM)	2	56 - 60	0.5	0.2
MG (PPM)	2	61 - 65	0.2	0.1
NA (PPM)	2	66 - 70	0.2	0.1
K (PPM)	2	71 - 75	0.2	0.1
NO3 (PPM)	3	21 - 25	0.2	0.1
PO4 (PPM)	3	31 - 35	0.15	0.10
SO4 (PPM)	3	36 - 40	0.5	0.2
CL (PPM)	3	41 - 45	0.1	0.05
PH	3	46 - 50		
ALKALINITY (PPM)	3	51 - 56	2.0	1.0
SEDIMENT				
ZN (PPM)	4	21 - 25	2	1
CU (PPM)	4	26 - 30	2	1
PB (PPM)	4	31 - 35	2	1
NI (PPM)	4	36 - 40	2	1
CO (PPM)	4	41 - 45	2	1
AG (PPM)	4	46 - 50	0.2	0.1
MN (PPM)	4	51 - 55	2	1
FE (PCT)	4	56 - 60	0.2	0.1
MO (PPM)	4	61 - 65	2	1
V (PPM)	4	71 - 75	20	10
W (PPM)	4	76 - 79	2	1
U (PPM)	5	21 - 25	1.0	0.5
F (PPM)	5	26 - 30	20	10
AS (PPM)	5	31 - 35	0.4	0.2
HG (PPB)	5	36 - 40	30	15
SB (PPM)	5	41 - 45	0.4	0.2
CD (PPM)	5	46 - 50	0.2	0.1
L.O.I.(PCT)	5	51 - 55		
P205 (PCT)	5	56 - 60	0.04	0.02
BA (PCT)	5	61 - 65	0.02	0.01

SELECTED DEPOSITS AND MINERAL OCCURENCES

NUMBER	NAME	TYPE	AGE	ELEMENTS
1	NAR	VEIN	UNKNOWN	CU, PB, ZN, AG
2	ZIN	SKARN	CRETACEOUS?	PB, ZN
3	PAD	STRATABOUND	L. SILURIAN	PB, ZN
4	HUG	STRATABOUND	L. SILURIAN	PB, ZN
5	VULCAN	STRATABOUND	L. SILURIAN	PB, ZN
6	SUMMIT LAKE	STRATABOUND	DEVONIAN	BA
7	VULCAN	VEIN	UNKNOWN	PB, ZN
8	REXALL	STRATABOUND	L. SILURIAN	U, P
9	LENED	SKARN	CRETACEOUS?	W
10	LENED	SKARN	CRETACEOUS?	W
11	LENED	SKARN	CRETACEOUS?	W
12	GOLDEN RAM	SKARN	CRETACEOUS?	PB, ZN
13	GMHS	STRATABOUND	DEVONIAN	BA
14	NOR	STRATABOUND	DEVONIAN	ZN, PB, BA
15	RED	REPLACEMENT	UNKNOWN	ZN
16	SALAT	REPLACEMENT	UNKNOWN	ZN, PB
17	COMINCO	STRATABOUND	DEVONIAN	ZN, PB, BA
18	GEOTRONIC	REPLACEMENT	UNKNOWNN	ZN, PB
19	XY	STRATABOUND	L. SILURIAN	ZN, PB
20	UNNAMED	STRATABOUND	DEVONIANIAN	BA
21	UNNAMED	STRATABOUND	DEVONIANIAN	BA
22	SHIELD	STRATABOUND	L. SILURIAN	ZN, PB
23	BONNIE	REPLACEMENT	UNKNOWN	ZN
24	ANNIV	STRATABOUND	L. SILURIAN	ZN, PB
25	OP	STRATABOUND	L. SILURIAN	ZN, PB
26	ORO	STRATABOUND	DEVONIAN	BA

SELECTED DEPOSITS AND MINERAL OCCURENCES (CONT'D)

NUMBER	NAME	TYPE	AGE	ELEMENTS
27	DIRCKS	STRATABOUND	L. SILURIAN	ZN, CU
28	PR	SKARN	CRETACEOUS?	CU
29	CLEA	SKARN	CRETACEOUS?	W
30	HILLMAN	SKARN	CRETACEOUS?	ZN
31	BIRK	SKARN	CRETACEOUS?	AU, BA
32	NOM	VEIN	UNKNOWN	AU, AG
33	SAND	REPLACEMENT	UNKNOWN	ZN
34	O'GRADY	VEIN	UNKNOWN	PB, ZN
35	CAM	VEIN	UNKNOWN	PB, ZN
36	JOLI GREEN	STRATABOUND	L. SILURIAN	ZN
37	SKULL	VEIN	UNKNOWM	PB, ZN
38	CHRISTIE	VEIN	UNKNOWM	PB, ZN

DATA LIST LEGEND

MAP-	NATIONAL TOPOGRAPHIC SYSTEM(NTS)- LETTERED QUADRANGLE (SCALE 1:250000). PART OF SAMPLE NUMBER
SAMPLE-	REMAINDER OF SAMPLE NUMBER- YEAR(2), FIELD CREW(1), SAMPLE SEQUENCE NUMBER(3)
UTM COORDINATES-	UNIVERSAL TRANSVERSE MERCATOR(UTM) COORDINATE SYSTEM- SAMPLE COORDINATES
ZN-	ZONE
EAST-	EASTING(METERS)
NORTH-	NORTHING(METERS)
ROCK TYPE-	MAJOR ROCK TYPE OF CATCHMENT AREA
AGE-	STRATIGRAPHIC AGE OF ROCK TYPE
WD-	WIDTH OF STREAM (FEET) AT THE SAMPLE SITE
DT-	DEPTH OF STREAM SAMPLED TO NEAREST TENTH OF FOOT
SAMP-	TYPE OF MATERIAL SAMPLED
RP ST-	REPLICATE STATUS- RELATIONSHIP OF SAMPLE WITH RESPECT TO OTHERS WITHIN THE SURVEY
CONT-	CONTAMINATION
BANK-	BANK TYPE
WCOL-	WATER COLOUR AND SUSPENDED LOAD
RATE-	WATER FLOW RATE
SCOL-	PREDOMINANT SEDIMENT COLOUR
SMP CMP-	SAMPLE COMPOSITION- BULK MECHANICAL COMPOSITION OF SAND, FINES, ORGANICS RESPECTIVELY
PPPS-	PRECIPITATE OR STAIN ON SEDIMENTS AT SAMPLE SITE
PRPB-	DISTINCTIVE PRECIPITATES,STAINS,WEATHERING,BLOOMS ON ROCKS IN THE IMMEDIATE CATCHMENT AREA
ALTD-	SAMPLE ALTITUDE (FEET A.S.L.)
PHYS-	GENERAL PHYSIOGRAPHY
PATT-	DRAINAGE PATTERN
TYPE-	STREAM TYPE
CLSE-	STREAM CLASS
SRCE-	SOURCE OF WATER
FORM NAME-	REFER TO GEOLOGICAL LEGEND; EG. OSPT=ORDIVICIAN TO SILURIAN PELITES AND CHERTS

ROCK TYPE:
- GLAV- GLACIAL AND ALLUVIAL SEDIMENTS
- CGLM- CONGLOMERATE
- SLSN- SILTSTONE
- LMSN- LIMESTONE
- SHLE- SHALE
- MDSN- MUDSTONE
- SLTE- SLATE
- QZMZ- QUARTZ MONZONITE
- SNDS- SANDSTONE
- ARNT- ARENITE
- DLMT- DOLOMITE

AGE:
- 07- HADRYNIAN
- 08- PROTEROZOIC - CAMBRIAN
- 10- CAMBRIAN
- 11- CAMBRIAN LOWER
- 12- CAMBRIAN MIDDLE
- 13- CAMBRIAN UPPER
- 14- CAMBRIAN - ORDOVICIAN
- 19- ORDOVICIAN - SILURIAN
- 24- SILURIAN - DEVONIAN
- 25- DEVONIAN
- 26- DEVONIAN LOWER
- 27- DEVONIAN MIDDLE
- 29- DEVONIAN - CARBONEFEROUS
- 30- CARBONIFEROUS
- 42- TRIASSIC
- 52- CRETACEOUS
- 64- QUATERNARY

SAMP:
- 1- STREAM BED SEDIMENT
- 4- STREAM WATER
- 6- SIMULTANEOUS STREAM WATER AND SEDIMENT

RRP ST:
- 00- ROUTINE REGIONAL SAMPLE
- 10- FIRST OF FIELD DUPLICATE
- 20- SECOND OF FIELD DUPLICATE

CONT:
- 0- NONE
- 1- POSSIBLE
- 4- MINING ACTIVITY INCLUDING PITTING,TRENCHING
- 6- AGRICULTURAL

BANK:
- 0- UNDEFINED
- 1- ALLUVIAL
- 2- COLLUVIAL
- 3- GLACIAL TILL
- 4- GLACIAL OUTWASH,MORAINE
- 5- BARE ROCK
- 6- TALUS,SCREE
- 7- ORGANIC PREDOMENANT

WCOL:
- 0- CLEAR
- 1- BROWN TRANSPARENT
- 2- WHITE CLOUDY
- 3- BROWN CLOUDY

RATE:
- 0- ZERO
- 1- SLOW
- 2- MODERATE
- 3- FAST
- 4- TORRENTIAL

SCOL:
- 1- RED,BROWN
- 2- WHITE,BUFF
- 3- BLACK
- 4- YELLOW
- 6- GREY,BLUE-GREY
- 7- PINK
- 8- BROWN

SMP CMP:
- 0- ABSENT
- 1- MINOR <33%
- 2- MEDIUM 33-67%
- 3- MAJOR >67%

PPPS:
- 0- NONE
- 1- RED,BROWN
- 2- WHITE
- 3- BLACK
- 4- YELLOW

PRPB:
- 0- FEATURELESS
- 1- RED,BROWN
- 2- WHITE,BUFF
- 3- BLACK

PHYS:
- 1- MUSKEG,SWAMPLAND
- 2- PENEPLAIN,PLATEAU
- 3- HILLY,UNDULATING
- 4- MOUNTAINOUS,MATURE
- 5- MOUNTAINOUS YOUTHFUL

PATT:
- 0- POORLY DEFINED HAPHAZARD
- 1- DENDRITIC
- 3- HERRING BONE

TYPE:
- 0- UNDEFINED
- 1- PERMANENT,CONTINUOUS
- 2- INTERMITTENT,SEASONAL
- 3- RE-EMERGENT,DISCONTINUOUS

CLSE:
- 0- UNDEFINED
- 1- PRIMARY
- 2- SECONDARY
- 3- TERTIARY

SRCE:
- 0- UNKNOWN
- 1- GROUNDWATER
- 2- SNOW MELT OR SPRING RUN-OFF
- 4- ICE-CAP OR GLACIER MELT WATER

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONT	BACK	WACT	RACT	SCAT	SMP	PPRS	PPRB	ALTD	PHYS	PAYT	TPES	CLEE	SRCE	FORM NAME
105I	811002	9	490043	6932354	GLAV	64	035	010	6	00	0	2	0	2	1	220	0	0	4400	5	1	1	2	1	
105I	811003	9	489537	6932925	GLAV	64	008	007	6	00	0	2	0	3	8	220	0	0	4400	5	1	1	1	1	
105I	811004	9	488006	6935670	GLAV	64	004	010	6	00	0	2	0	2	8	220	0	0	4400	5	1	1	1	1	
105I	811005	9	488540	6935373	GLAV	64	015	004	6	10	0	1	0	2	6	220	0	0	4200	5	1	1	2	1	
105I	811006	9	488540	6935373	GLAV	64	015	004	6	20	0	1	0	2	6	220	0	0	4200	5	1	1	2	1	
105I	811007	9	488143	6937077	GLAV	64	004	035	6	00	0	1	0	2	6	210	0	0	4200	5	1	1	1	1	
105I	811008	9	490095	6936433	GLAV	64	004	005	6	00	0	2	0	2	6	220	0	0	3900	5	1	1	1	1	
105I	811009	9	490109	6937592	GLAV	64	003	003	6	00	0	6	0	2	6	210	0	0	4400	5	1	1	1	1	
105I	811011	9	492781	6936962	GLAV	64	001	002	6	00	0	1	0	2	6	310	0	0	3700	5	1	1	1	1	
105I	811012	9	495022	6936595	GLAV	64	004	003	6	00	0	1	0	2	8	220	0	0	3600	5	1	1	1	1	
105I	811013	9	498558	6936506	GLAV	64	003	007	6	00	0	1	0	2	6	310	0	0	3650	5	1	1	1	1	
105I	811014	9	495778	6934225	GLAV	64	004	005	6	00	0	1	0	2	8	130	0	0	4250	5	1	1	1	1	
105I	811015	9	495895	6933568	GLAV	64	006	008	6	00	0	1	0	2	3	130	0	0	4200	5	1	1	1	1	
105I	811016	9	498593	6933065	GLAV	64	006	003	6	00	0	1	0	2	3	220	0	0	4000	5	1	1	1	1	
105I	811017	9	502218	6932848	CGLM	29	016	005	6	00	0	1	0	2	6	130	0	0	3200	5	1	1	2	1	UDMPS
105I	811018	9	502862	6932945	GLAV	64	012	010	6	00	0	1	1	1	3	013	0	0	3300	5	1	1	1	1	
105I	811019	9	501859	6930486	GLAV	64	002	003	6	00	0	1	0	2	6	220	0	0	3350	5	1	1	1	1	
105I	811020	9	500270	6928164	SLSN	30	007	008	6	00	0	1	0	3	3	220	0	0	4000	5	1	1	2	1	CP
105I	811022	9	498144	6929588	GLAV	64	004	002	6	00	0	1	0	2	6	220	0	0	3600	5	1	1	1	1	
105I	811023	9	497492	6928254	LMSN	13	015	005	6	00	0	1	0	2	6	310	0	0	4150	5	1	1	2	1	UEIOI
105I	811025	9	495646	6928586	GLAV	64	005	007	6	00	0	1	0	3	6	220	0	0	4000	5	1	1	1	1	
105I	811026	9	488015	6922350	GLAV	64	004	005	6	00	0	2	0	2	6	220	0	0	4700	5	1	1	1	2	
105I	811027	9	487808	6922880	GLAV	64	001	009	6	00	0	2	0	2	8	120	0	0	4850	5	1	1	1	2	
105I	811028	9	489942	6922693	GLAV	64	008	006	6	10	0	1	0	2	6	212	0	0	4580	5	1	1	2	1	
105I	811029	9	489942	6922693	GLAV	64	008	006	6	20	0	1	0	2	6	212	0	0	4580	5	1	1	2	1	
105I	811030	9	490059	6923106	GLAV	64	004	006	6	00	0	1	0	2	6	220	0	0	4750	5	1	1	1	1	
105I	811031	9	492200	6922400	GLAV	64	004	004	6	00	0	1	0	2	8	120	0	0	4650	5	1	1	1	1	
105I	811032	9	490800	6922400	SHLE	25	008	005	6	00	0	2	0	2	6	120	0	0	4500	5	1	1	2	1	MUDPT
105I	811033	9	491703	6921036	GLAV	64	004	015	6	00	0	1	0	2	8	120	0	0	5600	5	1	1	1	1	
105I	811034	9	492139	6919529	CGLM	29	003	005	6	00	0	6	0	2	8	120	0	0	4900	5	1	1	1	2	UDMPS
105I	811035	9	493515	6920354	LMSN	14	003	005	6	00	0	2	0	2	8	220	0	0	5800	5	1	1	2	1	UEIOI
105I	811036	9	493890	6919249	LMSN	14	002	005	6	00	0	6	0	2	8	220	0	0	5600	5	1	1	1	1	UEIOI
105I	811037	9	495863	6922848	GLAV	64	004	005	6	00	0	6	0	2	6	220	0	0	4100	5	1	1	1	1	
105I	811038	9	494984	6922861	GLAV	64	005	005	6	00	4	2	0	2	6	310	0	0	3800	5	1	1	2	1	
105I	811039	9	494876	6923964	SHLE	25	005	003	6	00	0	6	0	2	6	220	0	0	4300	5	1	1	1	1	MUDPT
105I	811040	9	496015	6921668	GLAV	64	002	005	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	
105I	811042	9	496927	6921732	GLAV	64	003	020	6	00	0	2	0	3	8	220	0	0	3600	5	1	1	1	1	
105I	811043	9	497028	6920692	GLAV	64	004	015	6	00	0	6	2	3	8	220	0	0	3600	5	1	1	1	1	
105I	811044	9	498758	6920177	GLAV	64	004	010	6	00	0	5	0	4	8	220	0	0	3500	5	1	1	1	1	
105I	811045	9	499102	6917191	GLAV	64	015	010	6	10	1	2	0	2	6	310	0	0	3100	5	1	1	2	1	
105I	811046	9	499102	6917191	GLAV	64	015	010	6	20	1	2	0	2	6	310	0	0	3100	5	1	1	2	1	
105I	811047	9	497592	6918177	LMSN	14	005	010	6	00	0	6	0	2	6	220	0	0	3800	5	1	1	1	1	UEIOI
105I	811048	9	501562	6917244	GLAV	64	004	006	6	00	0	6	0	2	6	130	0	0	3000	5	1	1	1	1	
105I	811049	9	502391	6916308	GLAV	64	007	010	6	00	0	2	0	3	8	220	0	0	3100	5	1	1	1	1	
105I	811050	9	504577	6918204	GLAV	64	004	009	6	00	0	6	0	2	8	111	0	0	3600	5	1	1	1	1	
105I	811051	9	505532	6916126	GLAV	64	005	008	6	00	0	2	0	2	8	220	0	0	3000	5	1	1	1	1	
105I	811052	9	506323	6920212	GLAV	64	001	007	6	00	0	2	0	1	8	220	0	0	3000	5	1	1	1	1	
105I	811053	9	507129	6920723	GLAV	64	004	005	6	00	0	1	0	2	8	220	0	0	2700	5	1	1	1	1	
105I	811054	9	503814	6921435	SLSN	30	004	006	6	00	0	6	0	2	8	111	0	0	4600	5	1	1	1	1	CP
105I	811055	9	507240	6924967	CGLM	29	003	005	6	00	0	1	0	2	8	310	0	0	3600	5	1	1	1	1	UDMPS

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAMP METH	SAMP STAT	COND	BACK	WACK	RATE	SCOR	SMP CMP	PREP PROS	PREP BAT	ALTD	PHYS STAT	PHYS TEXT	PHYS EDIT	CLR EDIT	SRCE	FORM NAME
105I	811056	9	508276	6923614	GLAV	64	002	005	6	00	0	2	0	2	8	220	0	0	2600	5	1	1	1	1	
105I	811058	9	510348	6924683	CGLM	29	003	005	6	00	0	6	0	2	8	310	0	0	4600	5	1	1	1	1	UDMPS
105I	811059	9	503445	6922552	LMSN	14	003	010	6	00	0	6	0	3	8	111	0	0	3900	5	1	1	1	1	UEIOI
105I	811060	9	502427	6923809	GLAV	64	004	008	6	00	0	6	0	2	8	220	0	0	4100	5	1	1	1	1	
105I	811062	9	499766	6924153	GLAV	64	004	006	6	00	0	2	0	3	8	220	0	0	4400	5	1	1	1	1	
105I	811063	9	499838	6924560	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	4500	5	1	1	1	1	
105I	811064	9	502379	6925301	LMSN	14	003	005	6	00	0	2	0	2	8	130	0	0	4100	5	1	1	1	1	UEIOI
105I	811065	9	502216	6925710	LMSN	14	003	005	6	00	0	2	0	2	6	220	0	0	4100	5	1	1	1	1	UEIOI
105I	811066	9	503301	6926843	SLSN	30	001	001	6	00	0	6	0	2	8	130	0	0	4500	5	1	2	1	2	CP
105I	811067	9	505603	6928146	CGLM	29	003	010	6	10	0	2	0	2	8	310	0	0	3000	5	1	1	1	1	UDMPS
105I	811068	9	505603	6928146	CGLM	29	003	010	6	20	0	2	0	2	8	310	0	0	3000	5	1	1	1	1	UDMPS
105I	811069	9	507126	6929970	CGLM	29	003	010	6	00	0	2	0	1	8	220	0	0	2800	5	1	1	1	1	UDMPS
105I	811070	9	495373	6929722	GLAV	64	002	004	6	00	0	6	0	3	6	310	0	0	4100	5	1	2	1	2	
105I	811071	9	494101	6929209	GLAV	64	004	010	6	00	0	6	0	3	8	220	0	0	4200	5	1	1	1	1	
105I	811073	9	494278	6927920	GLAV	64	004	005	6	00	0	6	0	2	6	310	0	0	4000	5	1	1	1	1	
105I	811074	9	493367	6926990	LMSN	14	003	010	6	00	0	2	0	3	6	310	0	0	4300	5	1	1	1	1	UEIOI
105I	811075	9	492683	6927632	SHLE	19	003	005	6	00	0	2	0	3	6	220	0	0	4500	5	1	1	1	1	OSPT
105I	811076	9	486437	6927517	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	4600	5	1	1	1	1	
105I	811077	9	486800	6927500	GLAV	64	006	010	6	00	0	2	0	2	7	310	0	0	4600	5	1	1	1	1	
105I	811078	9	485736	6929619	GLAV	64	005	015	6	00	4	2	0	2	8	210	0	0	4100	5	1	2	1	2	
105I	811079	9	484983	6931332	LMSN	14	004	010	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	1	1	UEIOI
105I	811080	9	479678	6933823	LMSN	14	002	005	6	00	0	6	0	3	7	310	0	0	4700	5	1	1	1	1	UEIOI
105I	811082	9	478050	6933344	GLAV	64	002	010	6	00	0	2	0	3	6	220	0	0	4000	5	1	1	1	1	
105I	811083	9	475703	6933055	GLAV	64			1	00	0	2			3	310	0	0	3700	5	1	2	1		
105I	811084	9	475122	6932919	CGLM	29	004	010	6	00	0	2	0	2	6	220	0	0	3700	5	1	1	1	1	UDMPS
105I	811086	9	472017	6933718	GLAV	64			1	00	0	2			8	220	0	0	4600	5	1	2	1		
105I	811087	9	470700	6932100	GLAV	64	004	010	6	00	0	2	0	2	6	220	0	0	4700	5	1	1	1	1	
105I	811088	9	470098	6934573	GLAV	64	005	005	6	00	0	2	0	0	1	013	0	0	4700	5	1	1	1	1	
105I	811089	9	468267	6934185	CGLM	29	005	003	6	00	0	2	0	1	3	013	0	0	4600	5	1	1	1	1	UDMPS
105I	811090	9	466447	6934593	GLAV	64	003	007	6	00	0	2	0	2	8	220	0	0	3700	5	1	1	1	1	
105I	811091	9	465778	6934661	GLAV	64	003	010	6	10	0	2	0	2	8	220	0	0	4600	5	1	1	1	1	
105I	811092	9	465778	6934661	GLAV	64	003	010	6	20	0	2	0	2	8	220	0	0	4600	5	1	1	1	1	
105I	811093	9	464444	6933402	GLAV	64	004	010	6	00	0	2	0	2	3	220	0	0	4500	5	1	1	1	1	
105I	811094	9	460348	6933693	GLAV	64	004	005	6	00	0	2	0	2	6	310	0	0	3500	5	1	1	1	1	
105I	811095	9	460727	6931172	GLAV	64	004	015	6	00	0	2	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811096	9	460392	6930601	GLAV	64	004	005	6	00	0	2	0	2	3	310	0	0	3500	5	1	1	1	1	
105I	811097	9	456897	6932105	GLAV	64	004	008	6	00	0	1	0	2	3	310	0	0	3300	5	1	1	1	1	
105I	811098	9	456783	6928288	SHLE	19	005	007	6	00	0	2	0	2	3	130	0	0	3500	5	1	1	1	1	OSPT
105I	811099	9	453096	6932705	GLAV	64	004	015	6	00	0	2	0	3	3	220	0	0	3300	5	1	1	1	1	
105I	811100	9	450624	6932767	GLAV	64	005	007	6	00	0	2	0	2	3	220	0	0	3400	5	1	1	1	1	
105I	811102	9	448638	6932176	GLAV	64	015	020	6	00	0	2	0	2	6	220	0	0	3400	5	1	1	2	1	
105I	811103	9	451682	6926820	GLAV	64	003	005	6	00	0	2	0	3	8	220	0	0	3400	5	1	1	1	1	
105I	811104	9	450363	6924987	SHLE	19	004	005	6	00	0	2	0	3	6	220	0	0	4700	5	1	1	1	1	OSPT
105I	811105	9	452061	6924383	GLAV	64	004	015	6	10	0	2	0	2	6	220	0	0	3300	5	1	1	1	1	
105I	811106	9	452061	6924383	GLAV	64	004	015	6	20	0	2	0	2	6	220	0	0	3300	5	1	1	1	1	
105I	811107	9	453928	6925389	GLAV	64	003	005	6	00	0	2	0	3	6	310	0	0	3500	5	1	1	1	1	
105I	811108	9	482521	6926104	CGLM	29	004	010	6	00	0	2	0	3	6	220	0	0	4750	5	1	1	1	1	UDMPS
105I	811109	9	482164	6926139	CGLM	29	012	008	6	00	0	2	0	2	8	220	0	0	4000	5	1	1	1	1	UDMPS
105I	811110	9	482997	6928688	CGLM	29	002	005	6	00	0	2	0	1	8	220	0	0	4000	5	1	1	1	1	UDMPS
105I	811111	9	481307	6929573	CGLM	29	007	009	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	2	1	UDMPS

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP MTHD	SAMP STAT	COND TOPO	BACK NOTE	WATR LEVL	RACT TYPE	SCAN ELEM	SAMP CMPL	PREP SIEV	PREP BOTL	ALTD	PHYS STAT	PHYS TYPE	TYPE EDIT	CLR EDIT	SRCE CODE	FORM NAME
105I	811112	9	480658	6927749	CGLM	29	006	009	6	00	0	2	0	2	6	310	0	0	4500	5	1	1	1	1	UDMPS
105I	811113	9	480240	6928083	CGLM	29	005	010	6	00	0	2	0	2	6	130	0	0	4500	5	1	1	1	1	UDMPS
105I	811114	9	477499	6928001	CGLM	29	009	004	6	00	0	2	0	2	6	220	0	0	4900	5	1	1	1	1	UDMPS
105I	811115	9	474938	6928185	SHLE	25	002	008	6	00	0	2	0	3	6	310	0	0	4500	5	1	1	1	1	MUDPT
105I	811116	9	475667	6928613	GLAV	64	003	008	6	00	0	2	0	2	6	130	0	0	4500	5	1	1	2	1	
105I	811117	9	473983	6927318	SHLE	25	002	008	6	00	0	2	0	2	3	220	0	0	4300	5	1	1	1	1	MUDPT
105I	811118	9	473456	6924715	GLAV	64	004	011	6	00	0	2	0	3	4	220	0	0	4350	5	1	1	2	1	
105I	811119	9	473855	6925331	GLAV	64	003	012	6	00	0	2	0	2	6	220	0	0	4300	5	1	1	1	1	
105I	811122	9	470288	6928504	GLAV	64	001	008	6	00	0	2	0	2	3	220	0	0	4000	5	1	1	1	1	
105I	811123	9	469928	6928054	GLAV	64	008	008	6	00	0	2	0	2	3	013	0	0	4200	3	1	1	2	1	
105I	811124	9	466875	6932894	GLAV	64	010	015	6	10	0	2	0	2	6	220	0	0	3500	3	1	1	2	1	
105I	811125	9	466875	6932894	GLAV	64	010	015	6	20	0	2	0	2	6	220	0	0	3500	3	1	1	2	1	
105I	811126	9	465323	6924518	GLAV	64	008	010	6	00	0	2	0	2	3	220	0	0	3650	3	1	1	2	1	
105I	811127	9	465632	6924012	GLAV	64	005	005	6	00	0	2	0	2	3	220	0	0	3700	3	1	1	1	1	
105I	811128	9	464787	6923426	GLAV	64	005	007	6	00	0	2	0	2	3	220	0	0	3600	5	1	1	1	1	
105I	811129	9	463883	6923483	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	1	1	
105I	811130	9	463144	6922564	GLAV	64	010	010	6	00	0	2	0	2	3	220	0	0	3500	5	1	1	1	1	
105I	811131	9	462463	6920772	GLAV	64	008	009	6	00	0	2	0	3	3	220	0	0	3450	5	1	1	1	1	
105I	811132	9	457934	6924029	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	3900	5	1	1	2	1	
105I	811134	9	457866	6923379	SHLE	19	003	007	6	00	0	2	0	2	3	220	0	0	3900	5	1	1	1	1	OSPT
105I	811135	9	454516	6921650	GLAV	64	008	006	6	00	0	2	0	2	3	310	0	0	3300	5	1	1	2	1	
105I	811136	9	454399	6922250	GLAV	64	010	010	6	00	0	2	0	2	8	013	0	0	3300	5	1	1	1	1	
105I	811137	9	453373	6923347	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	3300	5	1	1	1	1	
105I	811138	9	452813	6919553	GLAV	64	010	012	6	00	0	2	0	2	8	022	0	0	3200	5	1	1	1	1	
105I	811139	9	448897	6917108	GLAV	64	013	015	6	00	0	2	0	2	3	130	0	0	3200	5	1	1	2	1	
105I	811140	9	456365	6914932	LMSN	14	002	006	6	00	0	2	0	1	3	220	0	0	3200	5	1	1	1	1	UEIOI
105I	811142	9	457507	6915115	GLAV	64	010	015	6	10	0	2	0	2	3	121	0	0	3200	5	1	1	2	1	
105I	811143	9	457507	6915115	GLAV	64	010	015	6	20	0	2	0	2	3	121	0	0	3200	5	1	1	2	1	
105I	811144	9	460696	6915526	GLAV	64	004	008	6	00	0	2	0	2	8	220	3	3	0000	5	1	1	1	1	
105I	811145	9	460360	6917721	GLAV	64	001	010	6	00	0	2	0	2	3	130	0	0	3300	5	1	1	1	1	
105I	811146	9	462419	6918949	GLAV	64	002	011	6	00	0	2	0	2	6	130	0	0	3300	5	1	1	1	1	
105I	811147	9	463370	6919153	GLAV	64	004	010	6	00	0	2	0	2	3	220	0	0	3400	5	1	1	1	1	
105I	811148	9	463537	6916366	GLAV	64	006	009	6	00	0	2	0	2	6	310	0	0	3300	5	1	1	2	1	
105I	811149	9	466319	6917940	GLAV	64	009	010	6	00	0	2	0	2	3	310	0	0	3300	5	1	1	1	1	
105I	811150	9	470624	6914449	GLAV	64	002	005	6	00	0	2	0	2	6	310	0	0	4200	5	1	1	1	1	
105I	811151	9	469545	6915119	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	3900	5	1	1	1	1	
105I	811152	9	471264	6915821	GLAV	64	004	010	6	00	0	2	0	2	3	130	0	0	4000	5	1	1	2	1	
105I	811153	9	469711	6918165	GLAV	64	030	008	6	00	0	2	0	2	3	130	0	0	3400	5	1	1	2	1	
105I	811154	9	471453	6922378	GLAV	64	006	015	6	00	0	2	0	2	3	220	0	0	3700	5	1	1	1	1	
105I	811156	9	471853	6922260	GLAV	64	008	015	6	00	0	2	0	2	3	220	0	0	3800	5	1	1	2	1	
105I	811157	9	475613	6920194	LMSN	14	018	025	6	00	0	2	1	2	3	220	0	0	3600	5	1	1	2	1	UEIOI
105I	811158	9	478071	6922917	CGLM	29	002	011	6	00	0	2	1	2	3	211	0	0	3700	5	1	1	1	1	UDMPS
105I	811159	9	478693	6923486	CGLM	29	002	005	6	00	0	2	0	2	6	310	0	0	3800	5	1	1	2	1	UDMPS
105I	811160	9	478667	6924398	GLAV	64	003	015	6	00	0	2	0	2	3	220	0	0	3800	5	1	1	1	1	
105I	811162	9	480807	6924128	CGLM	29	006	010	6	00	0	2	0	2	3	220	0	0	4050	5	1	1	1	1	UDMPS
105I	811163	9	481483	6923314	GLAV	64	008	015	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	2	1	
105I	811164	9	482859	6920308	CGLM	29	004	010	6	00	0	2	0	0	6	220	0	0	4500	5	1	1	1	1	UDMPS
105I	811165	9	482194	6919924	CGLM	29	006	007	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	2	1	UDMPS
105I	811166	9	481662	6917557	MDSN	10	003	005	6	00	0	6	0	3	6	310	0	0	4100	5	1	1	1	2	IMEP
105I	811168	9	480142	6918014	MDSN	10	004	005	6	00	0	6	0	3	6	220	0	0	4300	5	1	1	1	2	IMEP

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONK	BACK	WACK	RATE	SCOR	SMP	PPSB	PPRP	ALTD	PHYS	PATE	TYPE	CLEE	SRCE	FORM NAME
105I	811169	9	476871	6917623	SHLE	19	006	020	6	00	0	7	0	1	8	220	0	0	4500	5	1	1	2	1	OSPT
105I	811170	9	467213	6912236	GLAV	64	002	003	6	00	0	2	0	3	8	211	0	0	4100	5	1	1	1	1	
105I	811171	9	467309	6911305	GLAV	64	004	007	6	00	0	2	0	2	6	120	0	0	4800	5	1	1	1	1	
105I	811172	9	466677	6911150	GLAV	64	006	010	6	00	0	2	0	2	6	120	0	0	4800	5	1	1	2	1	
105I	811173	9	463673	6909897	GLAV	64	005	005	6	00	0	2	0	2	8	220	0	0	4900	5	1	1	1	1	
105I	811174	9	462905	6910253	GLAV	64	005	005	6	00	0	3	0	2	6	120	0	0	4900	5	1	1	2	1	
105I	811175	9	463040	6908563	GLAV	64	002	007	6	00	0	2	0	3	6	120	0	0	4900	5	1	1	1	1	
105I	811176	9	459172	6907519	SLTE	08	003	007	6	10	0	2	0	2	6	210	0	0	3500	5	1	1	1	1	HIEP
105I	811177	9	459172	6907519	SLTE	08	003	007	6	20	0	2	0	2	6	210	0	0	3500	5	1	1	1	1	HIEP
105I	811178	9	454753	6909087	LMSN	14	004	005	6	00	0	1	0	1	6	210	0	0	3400	5	1	1	1	1	UEIOI
105I	811179	9	449432	6910176	GLAV	64	002	010	6	00	0	1	0	1	8	022	0	0	3200	5	1	1	1	1	
105I	811180	9	449332	6909495	GLAV	64	004	020	6	00	0	1	0	1	8	111	0	0	3200	5	1	1	2	1	
105I	811182	9	456089	6904909	GLAV	64	003	010	6	00	0	2	0	2	8	111	0	0	3500	5	1	1	1	1	
105I	811183	9	456461	6900228	GLAV	64	003	007	6	00	0	2	0	2	7	210	0	0	4700	5	1	1	1	1	
105I	811184	9	456279	6899739	GLAV	64	004	008	6	00	0	2	0	2	6	210	0	0	4700	5	1	1	1	1	
105I	811185	9	455234	6900702	GLAV	64	003	005	6	00	0	1	0	1	6	120	0	0	3600	5	1	1	2	1	
105I	811186	9	450507	6899977	LMSN	14	002	005	6	00	0	2	0	3	8	111	0	0	4300	5	1	1	1	1	UEIOI
105I	811187	9	450294	6895658	SLTE	08	002	010	6	10	0	1	0	1	6	120	0	0	3200	5	1	1	1	1	HIEP
105I	811188	9	450294	6895658	SLTE	08	002	010	6	20	0	1	0	1	6	120	0	0	3200	5	1	1	1	1	HIEP
105I	811190	9	455412	6895768	GLAV	64	003	008	6	00	0	2	0	2	6	120	0	0	3300	5	1	1	1	1	
105I	811191	9	459733	6896815	GLAV	64	008	010	6	00	0	2	0	2	6	220	0	0	3700	5	1	1	2	1	
105I	811192	9	459979	6896373	GLAV	64	004	007	6	00	0	2	0	2	6	220	0	0	3700	5	1	1	1	1	
105I	811193	9	465167	6899383	GLAV	64	004	006	6	00	0	1	0	2	8	220	0	0	4100	5	1	1	1	1	
105I	811194	9	467442	6899450	GLAV	64	004	008	6	00	0	1	0	2	8	210	0	0	4200	5	1	1	1	1	
105I	811195	9	467375	6898902	GLAV	64	004	008	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	1	1	
105I	811196	9	462280	6901360	GLAV	64	002	005	6	00	0	6	0	3	6	120	0	0	4500	5	1	1	1	1	
105I	811197	9	465035	6905579	SLTE	08	005	005	6	00	0	2	0	3	6	220	0	0	3800	5	1	1	1	1	HIEP
105I	811198	9	466441	6904256	GLAV	64	003	005	6	00	0	2	0	2	7	111	0	0	4800	5	1	1	1	1	
105I	811199	9	470100	6902413	GLAV	64	002	007	6	00	0	6	0	3	8	220	0	0	4500	5	1	1	1	2	
105I	811200	9	470539	6901435	GLAV	64	006	010	6	00	0	6	0	3	8	120	0	0	4300	5	1	1	2	1	
105I	811202	9	469299	6904815	GLAV	64	004	007	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	811203	9	468849	6905176	GLAV	64	005	010	6	00	0	2	0	3	6	220	0	0	4200	5	1	1	2	1	
105I	811204	9	472487	6907890	GLAV	64	003	009	6	00	0	1	0	3	6	120	0	0	4000	5	1	1	1	1	
105I	811205	9	473093	6907969	GLAV	64	004	013	6	00	0	1	0	2	6	120	0	0	4005	1	1	1	1	1	
105I	811207	9	472816	6910584	GLAV	64	005	010	6	00	0	1	0	2	3	120	0	0	4000	5	1	1	2	1	
105I	811208	9	474313	6911459	GLAV	64	004	010	6	00	0	2	0	2	6	220	0	0	3700	5	1	1	1	1	
105I	811209	9	477190	6910910	GLAV	64	003	007	6	00	0	2	0	2	8	120	0	0	3500	5	1	1	1	1	
105I	811210	9	478661	6913595	LMSN	14	002	005	6	00	0	6	0	3	8	130	0	0	4500	5	1	1	1	1	UEIOI
105I	811211	9	479885	6914625	GLAV	64	003	003	6	00	0	6	0	3	8	111	0	0	3900	5	1	1	1	1	
105I	811212	9	483437	6914129	SHLE	19	002	004	6	00	0	6	0	3	6	120	0	0	4300	5	1	1	1	2	OSPT
105I	811213	9	482187	6914915	GLAV	64	006	008	6	00	0	6	0	3	8	120	0	0	3900	5	1	1	1	2	
105I	811214	9	486409	6918301	SHLE	25	004	010	6	00	0	2	0	3	6	220	0	0	4500	5	1	1	1	1	MUDPT
105I	811215	9	486526	6918657	CGLM	29	006	010	6	00	0	2	0	3	6	220	0	0	4500	5	1	1	1	1	UDMPS
105I	811216	9	476147	6936710	GLAV	64	004	005	6	10	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	
105I	811217	9	476147	6936710	GLAV	64	004	005	6	20	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	
105I	811218	9	475760	6937063	GLAV	64	005	008	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	1	1	
105I	811219	9	473997	6938376	GLAV	64	001	005	6	00	0	1	0	1	8	220	0	0	4000	5	1	1	1	1	
105I	811220	9	474039	6938962	GLAV	64	003	008	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	811222	9	474096	6939764	GLAV	64	002	006	6	00	0	2	0	3	3	220	0	0	4000	5	1	1	1	1	
105I	811223	9	470000	6938000	GLAV	64	003	004	6	00	0	2	0	2	3	220	0	0	4500	5	1	1	1	1	

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	SORT	CONK	BACK	WOLE	RATE	SOLC	SMP	PPS	PRB	ALTD	PHYS	PAT	TYPE	CLES	SRC	FORM NAME
105I	811224	9	469700	6982300	GLAV	64	002	010	6	00	0	2	0	3	8	310	0	0	4400	5	1	1	1	1	
105I	811225	9	467730	6943761	GLAV	64	004	005	6	00	0	1	0	2	3	220	0	0	4600	5	1	1	1	1	
105I	811226	9	467457	6944910	GLAV	64	003	004	6	00	0	2	0	2	8	130	0	0	4700	5	1	1	1	1	
105I	811227	9	464388	6944346	GLAV	64	006	005	6	00	0	1	0	2	8	220	0	0	3500	5	1	1	2	1	
105I	811228	9	461957	6943961	GLAV	64	006	005	6	10	0	2	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811229	9	461957	6943961	GLAV	64	006	005	6	20	0	2	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811230	9	462817	6939883	CGLM	29	003	005	6	00	0	6	0	3	1	310	1	0	4300	5	1	1	1	1	UDMPS
105I	811231	9	461850	6940208	SHLE	25	005	006	6	00	0	2	0	3	6	310	0	0	4700	5	1	2	1	1	MUDPT
105I	811232	9	460607	6941192	GLAV	64	003	008	6	00	0	2	0	2	6	310	0	0	3500	5	1	1	1	1	
105I	811233	9	460220	6938435	GLAV	64	005	008	6	00	0	2	0	2	3	220	0	0	3500	5	1	1	1	1	
105I	811235	9	456657	6940302	GLAV	64	004	010	6	00	0	2	0	3	6	220	0	0	4000	5	1	1	2	1	
105I	811236	9	458137	6938571	GLAV	64	004	010	6	00	0	2	0	2	3	220	0	0	3500	5	1	1	2	1	
105I	811237	9	457242	6936162	GLAV	64	003	006	6	00	0	2	0	1	6	130	0	0	3400	5	1	1	1	1	
105I	811238	9	451332	6937753	GLAV	64	004	010	6	00	0	1	0	3	6	220	0	0	3500	5	1	1	1	1	
105I	811239	9	449115	6936825	GLAV	64	003	010	6	00	0	2	0	2	6	220	0	0	3600	5	1	1	1	1	
105I	811240	9	448812	6938312	GLAV	64	005	010	6	00	0	6	0	3	8	211	0	0	4700	5	1	1	1	1	
105I	811242	9	454040	6941596	GLAV	64	004	010	6	00	0	2	0	2	3	220	0	0	4700	5	1	1	1	1	
105I	811243	9	453830	6942693	GLAV	64	005	008	6	00	0	2	0	1	8	220	0	0	4700	5	1	1	1	1	
105I	811244	9	454635	6943025	GLAV	64	003	009	6	00	0	2	0	2	6	220	0	0	4600	5	1	1	1	1	
105I	811245	9	455166	6945201	GLAV	64	003	012	6	00	0	2	0	3	6	310	0	0	4800	5	1	1	1	1	
105I	811246	9	454654	6946945	GLAV	64	005	010	6	00	0	6	0	2	8	220	0	0	4800	5	1	1	1	1	
105I	811247	9	450494	6951945	GLAV	64	005	010	6	00	0	5	0	2	8	220	0	0	4900	5	1	1	1	1	
105I	811248	9	452665	6951726	GLAV	64	005	012	6	00	0	2	0	3	6	220	0	0	4800	5	1	1	1	1	
105I	811249	9	454321	6955475	SHLE	19	008	005	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	2	1	OSPT
105I	811250	9	455100	6955200	GLAV	64	007	005	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	2	1	
105I	811251	9	457600	6953600	GLAV	64	003	008	4	00	0	7	0	1				0	4000	5	0	1	1	1	
105I	811252	9	456981	6952887	GLAV	64	004	010	6	00	0	1	3	1	2	130	0	0	4000	5	1	1	1	1	
105I	811253	9	457685	6948440	GLAV	64	003	005	6	00	0	1	0	2	6	310	0	0	3800	5	1	1	1	1	
105I	811255	9	459809	6948718	GLAV	64	003	003	6	00	0	1	0	1	6	130	0	0	3800	5	1	1	1	1	
105I	811256	9	464259	6951019	GLAV	64	003	025	6	00	0	1	0	2	8	130	0	0	3700	5	1	1	2	1	
105I	811257	9	464735	6951628	GLAV	64	005	015	6	00	0	1	0	3	8	220	0	0	3800	5	1	1	2	1	
105I	811258	9	467597	6948791	SHLE	25	006	005	6	10	0	2	0	3	6	310	0	0	4200	5	1	1	1	1	MUDPT
105I	811259	9	467597	6948791	SHLE	25	006	005	6	20	0	2	0	3	6	310	0	0	4200	5	1	1	1	1	MUDPT
105I	811260	9	467990	6948469	GLAV	64	007	008	6	00	0	2	0	2	6	310	0	0	4100	5	1	1	2	1	
105I	811262	9	470959	6947409	SHLE	25	003	005	6	00	0	6	0	3	6	310	0	0	4400	5	1	1	2	1	MUDPT
105I	811263	9	471360	6947406	CGLM	29	007	008	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	2	1	UDMPS
105I	811264	9	470499	6946252	SHLE	19	003	005	6	00	0	2	0	3	8	220	0	0	4300	5	1	1	1	1	OSPT
105I	811265	9	469771	6944021	GLAV	64	008	006	6	00	0	2	0	2	6	310	0	0	3800	5	1	1	2	1	
105I	811266	9	470668	6942899	GLAV	64	005	005	6	00	0	6	0	3	8	220	0	0	3900	5	1	1	1	1	
105I	811267	9	471392	6942422	GLAV	64	006	004	6	00	0	2	0	3	8	220	0	0	3900	5	1	1	1	1	
105I	811268	9	474805	6942946	GLAV	64	007	003	6	00	0	2	0	1	1	220	0	0	3900	5	1	1	1	1	
105I	811269	9	475220	6941140	GLAV	64	004	010	6	00	0	1	0	1	3	220	0	0	3900	5	1	1	2	1	
105I	811270	9	484911	6934959	GLAV	64	007	005	6	00	0	1	0	1	8	220	0	0	4100	5	1	1	2	1	
105I	811271	9	484460	6935185	LMSN	14	001	002	6	00	0	1	0	1	8	111	0	0	4100	5	1	1	1	1	UEIOI
105I	811272	9	484612	6937956	GLAV	64	001	005	6	00	0	2	0	1	6	210	0	0	4300	5	1	1	1	1	
105I	811273	9	483594	6938244	GLAV	64	004	005	6	10	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	811274	9	483594	6938244	GLAV	64	004	005	6	20	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	811275	9	482426	6939941	GLAV	64	006	010	6	00	0	2	0	3	6	210	0	0	4000	5	1	1	2	1	
105I	811276	9	482103	6941295	GLAV	64	003	008	6	00	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	811277	9	481373	6941759	GLAV	64	002	003	6	00	0	1	0	1	8	022	0	0	3900	5	1	1	1	1	

MAP	SAMPLE	ZN	UTM COORDINATES EAST	UTM COORDINATES NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RSST	CONT	BACK	WATR	RACT	SOIL	SMP CMP	PPRS	PPRB	ALTD	PHYS	PATE	TPLS	CLSE	SRCE	FORM NAME
105I	811278	9	479048	6942891	GLAV	64	005	005	6	00	0	1	0	2	6	210	0	0	3900	5	1	1	1	1	
105I	811280	9	476575	6941850	GLAV	64	004	010	6	00	0	5	0	3	6	210	0	0	4200	5	1	1	1	1	
105I	811283	9	477619	6949395	GLAV	64	005	008	6	00	0	5	2	3	6	220	0	0	4100	5	1	1	2	1	
105I	811284	9	476080	6949004	GLAV	64	008	010	6	00	0	1	0	3	6	210	0	0	4100	5	1	1	2	1	
105I	811285	9	475772	6949612	GLAV	64	006	010	6	00	0	1	0	2	6	210	0	0	4200	5	1	1	2	1	
105I	811286	9	473535	6953573	CGLM	29	004	007	6	00	0	2	0	3	1	220	0	0	4400	5	1	1	1	1	UDMPS
105I	811287	9	470768	6954383	CGLM	29	005	010	6	00	0	6	0	3	1	120	0	0	4300	5	1	1	2	1	UDMPS
105I	811288	9	470350	6954717	CGLM	29	006	010	6	00	0	5	0	3	6	210	0	0	4300	5	1	1	2	1	UDMPS
105I	811289	9	470666	6955327	GLAV	64	005	005	6	00	0	2	0	2	1	111	0	1	4300	5	1	1	1	1	
105I	811290	9	463469	6957876	GLAV	64	004	005	6	00	0	2	0	3	8	220	0	0	3900	5	1	1	1	1	
105I	811291	9	463449	6954894	GLAV	64	006	009	6	00	0	2	0	3	6	210	0	0	4000	5	1	1	2	1	
105I	811292	9	462251	6954877	GLAV	64	004	015	6	00	0	6	0	2	6	210	0	0	4000	5	1	1	2	1	
105I	811293	9	459416	6957841	GLAV	64	005	010	6	00	0	2	0	3	6	220	0	0	4500	5	1	1	2	1	
105I	811294	9	451688	6959273	GLAV	64	010	008	6	00	0	2	0	2	8	111	0	0	4200	5	1	1	2	1	
105I	811295	9	451893	6958353	SHLE	19	006	005	6	00	0	2	0	3	8	220	0	0	4400	5	1	1	1	1	OSPT
105I	811296	9	449096	6960445	GLAV	64	005	005	6	00	0	2	0	3	6	220	0	0	4200	5	1	1	1	1	
105I	811297	9	450545	6962748	GLAV	64	006	006	6	10	0	2	0	2	6	220	0	0	4100	5	1	1	2	1	
105I	811298	9	450545	6962748	GLAV	64	006	006	6	20	0	2	0	2	6	220	0	0	4100	5	1	1	2	1	
105I	811299	9	451115	6962234	GLAV	64	004	005	6	00	0	2	0	3	6	220	0	0	4400	5	1	1	1	1	
105I	811300	9	450052	6968264	QZMZ	52	010	010	6	00	0	6	0	3	8	110	0	0	4300	5	1	1	2	1	KQM
105I	811302	9	450272	6971800	GLAV	64	004	005	6	00	0	6	0	3	6	210	0	0	4300	5	1	1	1	2	
105I	811303	9	449753	6974257	GLAV	64	003	010	6	10	0	1	0	2	6	210	0	0	3400	5	1	1	1	1	
105I	811304	9	449753	6974257	GLAV	64	003	010	6	20	0	1	0	2	6	210	0	0	3400	5	1	1	1	1	
105I	811305	9	453106	6971461	GLAV	64	006	005	6	00	0	6	0	3	6	220	0	0	4200	5	1	1	1	1	
105I	811306	9	455088	6969605	SHLE	25	004	008	6	00	0	6	0	3	6	210	0	0	4200	5	1	1	1	2	MUDPT
105I	811307	9	455686	6969442	SHLE	25	003	006	6	00	0	6	0	3	6	210	0	0	4100	5	1	1	1	2	MUDPT
105I	811308	9	454860	6965808	SHLE	25	008	005	6	00	0	1	0	2	6	210	0	0	4600	5	1	1	2	1	MUDPT
105I	811309	9	455352	6966092	SHLE	19	004	003	6	00	0	1	0	2	6	220	0	0	4600	5	1	1	1	1	OSPT
105I	811310	9	456672	6964215	GLAV	64	006	020	6	00	4	2	0	2	8	120	0	0	4500	5	1	1	2	1	
105I	811311	9	460083	6962470	GLAV	64	004	010	6	00	0	2	0	2	8	220	0	0	4300	5	1	1	1	1	
105I	811312	9	460804	6962586	GLAV	64	003	008	6	00	0	1	0	2	8	120	0	0	4300	5	1	1	1	1	
105I	811313	9	461450	6961950	GLAV	64	005	009	6	00	0	2	0	3	6	220	0	0	4200	5	1	1	1	1	
105I	811314	9	469420	6960632	GLAV	64	008	007	6	00	0	2	0	1	6	220	0	0	4100	5	1	1	2	1	
105I	811315	9	469487	6960147	CGLM	29	005	005	6	00	0	2	0	3	6	210	0	0	4100	5	1	1	1	1	UDMPS
105I	811316	9	470968	6958696	GLAV	64	007	007	6	00	0	6	0	3	6	210	0	0	4000	5	1	1	1	1	
105I	811318	9	474153	6956519	CGLM	29	003	005	6	00	0	6	0	3	6	210	0	0	4200	5	1	1	1	1	UDMPS
105I	811319	9	476099	6957793	GLAV	64	015	010	6	00	0	5	0	3	6	220	0	0	3600	5	1	1	2	1	
105I	811320	9	476955	6955161	GLAV	64	005	005	6	00	0	2	0	2	6	120	0	0	4000	5	1	1	1	1	
105I	811322	9	475980	6954142	GLAV	64	003	008	6	00	0	5	0	3	6	120	0	0	4100	5	1	1	2	1	
105I	811323	9	479785	6950406	GLAV	64	010	020	6	00	0	5	0	3	8	220	0	0	4000	5	1	1	3	1	
105I	811324	9	480526	6950553	GLAV	64	006	015	6	00	0	6	0	3	6	210	0	0	4100	5	1	1	2	1	
105I	811325	9	481052	6952086	GLAV	64	004	009	6	00	0	2	0	3	8	120	0	0	3900	5	1	1	1	1	
105I	811326	9	482404	6951222	GLAV	64	002	005	6	00	0	5	0	3	6	220	0	0	4300	5	1	1	1	2	
105I	811327	9	484182	6946455	GLAV	64	002	005	6	00	0	6	0	3	6	210	0	0	4300	5	1	1	1	2	
105I	811328	9	485372	6946134	GLAV	64	003	005	6	00	0	6	0	3	6	210	0	0	4400	5	1	1	1	2	
105I	811329	9	483865	6942710	GLAV	64	004	005	6	00	0	2	0	2	6	210	0	0	4900	5	1	1	1	1	
105I	811330	9	486584	6941403	CGLM	29	002	005	6	00	0	2	0	2	6	210	0	0	4300	5	1	1	1	1	UDMPS
105I	811332	9	487185	6941769	CGLM	29	002	010	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	1	1	UDMPS
105I	811333	9	493373	6952572	GLAV	64	004	012	6	10	0	7	0	1	8	220	0	0	3950	3	1	1	1	1	
105I	811334	9	493373	6952572	GLAV	64	004	012	6	20	0	7	0	1	8	220	0	0	3950	3	1	1	1	1	

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAM P	SOIL ST	CONK T	BACK L	WATR E	RSTA L	SOIL O	SMP CMP	PPRS S	PPRB B	ALTD	PHYS S	PTAT T	PTYP E	CLAY E	SILT E	FORM NAME
105I	811335	9	493815	6957801	GLAV	64	007	009	6	00	0	7	0	2	8	220	0	0	4600	3	1	1	2	1	
105I	811336	9	493939	6958234	GLAV	64	002	008	6	00	0	7	0	1	8	130	0	0	4600	3	1	1	1	1	
105I	811337	9	491940	6963372	GLAV	64	004	010	6	00	0	7	0	2	3	220	0	0	4500	3	1	1	1	1	
105I	811338	9	492325	6963911	GLAV	64	008	008	6	00	0	7	0	2	3	220	0	0	4400	3	1	1	1	1	
105I	811339	9	491583	6964471	GLAV	64	002	008	6	00	0	7	0	1	8	220	0	0	4400	3	1	1	1	1	
105I	811340	9	491452	6964835	GLAV	64	001	010	6	00	0	7	0	1	8	220	0	0	4250	3	1	1	1	1	
105I	811342	9	486028	6963663	GLAV	64	006	010	6	00	0	2	0	2	6	220	0	0	4600	3	1	1	2	1	
105I	811343	9	486443	6964807	GLAV	64	002	010	6	10	0	2	0	2	8	220	0	0	3800	3	1	1	1	1	
105I	811344	9	486443	6964807	GLAV	64	002	010	6	20	0	2	0	2	8	220	0	0	3800	3	1	1	1	1	
105I	811346	9	485507	6965973	GLAV	64	005	008	6	00	0	2	0	2	6	310	0	0	3700	3	1	1	2	1	
105I	811347	9	486948	6969010	GLAV	64	002	010	6	00	0	7	0	1	8	310	0	0	3800	3	1	1	1	1	
105I	811348	9	486576	6970599	GLAV	64	003	008	6	00	0	2	0	2	6	130	0	0	3850	5	1	1	1	1	
105I	811349	9	488565	6971669	GLAV	64	025	030	6	00	0	2	0	2	8	310	0	0	3900	5	1	1	2	1	
105I	811350	9	487923	6971947	GLAV	64	010	015	6	00	0	2	0	2	6	220	0	0	3900	5	1	1	2	1	
105I	811351	9	482385	6970011	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	4300	5	1	1	1	1	
105I	811352	9	481087	6972225	GLAV	64	005	015	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	811353	9	481813	6973176	GLAV	64	004	008	6	00	0	2	0	2	6	130	0	0	4000	5	1	1	1	1	
105I	811354	9	480645	6974752	SLSN	30	005	010	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	2	1	CP
105I	811355	9	481691	6975879	GLAV	64	021	009	6	00	0	1	0	2	6	310	0	0	4100	5	1	1	2	1	
105I	811356	9	484759	6977387	SNDS	42	015	010	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	2	1	TRS
105I	811357	9	484973	6977895	SNDS	42	004	003	6	00	0	2	0	2	6	310	0	0	4900	5	1	1	1	1	TRS
105I	811358	9	484452	6978205	SNDS	42	015	008	6	00	0	1	0	2	6	310	0	0	4600	5	1	1	2	1	TRS
105I	811359	9	480211	6976610	SLSN	30	005	006	6	00	0	2	0	2	1	310	0	0	4100	5	1	1	2	1	CP
105I	811360	9	480284	6977119	GLAV	64	012	010	6	00	0	2	0	2	1	220	0	0	4100	5	1	1	3	1	
105I	811362	9	476540	6976578	SLSN	30	005	005	6	00	0	1	0	2	6	310	0	0	4400	5	1	1	1	2	CP
105I	811363	9	476467	6977229	SLSN	30	025	009	6	10	0	2	0	2	6	310	0	0	4200	5	1	1	2	1	CP
105I	811364	9	476467	6977229	SLSN	30	025	009	6	20	0	2	0	2	6	310	0	0	4200	5	1	1	2	1	CP
105I	811365	9	477429	6979064	SLSN	30	020	008	6	00	0	2	0	2	1	220	0	0	4600	5	1	1	2	1	CP
105I	811366	9	481201	6980038	GLAV	64	003	009	6	00	0	2	0	2	6	310	0	0	4400	5	1	1	1	1	
105I	811367	9	480768	6980933	GLAV	64	002	010	6	00	0	2	0	2	1	040	0	0	4500	5	1	1	1	1	
105I	811368	9	478782	6982267	SLSN	30	004	008	6	00	0	2	0	2	1	310	0	1	4800	5	1	1	2	1	CP
105I	811369	9	479275	6982639	GLAV	64	008	010	6	00	0	2	0	2	1	130	0	0	4700	5	1	1	2	1	
105I	811370	9	484189	6984797	GLAV	64	010	008	6	00	0	2	0	2	8	130	0	0	4600	5	1	1	2	1	
105I	811371	9	486899	6984083	GLAV	64	012	005	6	00	0	2	0	2	1	130	0	0	4500	5	1	1	2	1	
105I	811372	9	490957	6982818	GLAV	64	002	005	6	00	0	2	0	2	3	220	0	0	4300	5	1	1	1	1	
105I	811373	9	502872	6983473	CGLM	29	012	009	6	00	0	1	0	2	6	220	0	0	4500	5	1	1	2	1	UDMPS
105I	811374	9	501156	6980355	QZMZ	52	002	010	6	00	0	0	0	2	6	220	0	0	4800	5	1	1	2	1	KQM
105I	811375	9	498453	6981076	GLAV	64	020	020	6	00	0	2	0	2	6	120	0	0	4500	5	1	1	2	1	
105I	811376	9	498131	6980600	GLAV	64	001	010	6	00	0	2	0	1	8	220	0	0	4400	5	1	1	1	1	
105I	811377	9	498806	6974700	GLAV	64	006	080	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	2	1	
105I	811378	9	499307	6974180	GLAV	64	005	015	6	00	0	2	0	2	6	310	0	0	4400	5	1	1	2	1	
105I	811380	9	501901	6974346	QZMZ	52	003	010	6	00	0	2	0	2	6	310	0	0	5000	5	1	1	1	1	KQM
105I	811382	9	501846	6973741	QZMZ	52	003	005	6	00	0	0	0	2	6	130	0	0	4900	5	1	1	1	1	KQM
105I	811383	9	498705	6972871	QZMZ	52	005	020	6	00	0	2	0	2	6	130	0	0	4400	5	1	1	1	1	KQM
105I	811384	9	498313	6972294	QZMZ	52	012	030	6	10	0	2	0	2	8	120	0	0	4300	5	1	1	2	1	KQM
105I	811385	9	498313	6972294	QZMZ	52	012	030	6	20	0	2	0	2	8	120	0	0	4300	5	1	1	2	1	KQM
105I	811387	9	502118	6971464	QZMZ	52	015	010	6	00	0	0	0	2	6	220	0	0	5000	5	1	1	1	1	KQM
105I	811388	9	501764	6970798	QZMZ	52	004	005	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	2	1	KQM
105I	811389	9	495842	6970648	QZMZ	52	008	015	6	00	0	2	0	2	8	130	0	0	4200	5	1	1	2	1	KQM
105I	811390	9	493966	6970215	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	4400	5	1	1	1	1	

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAMP METH	RS ST	COND TK	BACK NOTE	WACK LE	RAT ED	SOIL CL	SMP CMP	PREP SS	PREP BB	ALTD	PHYS SY	PHYS ST	TEXT ED	CLR EE	STR CE	FORM NAME
105I	811391	9	498433	6967195	QZMZ	52	003	010	6	00	0	2	0	2	8	130	0	0	5000	5	1	1	1	1	KQM
105I	811392	9	498449	6966685	QZMZ	52	008	025	6	00	0	2	0	2	8	130	0	0	4700	5	1	1	2	1	KQM
105I	811393	9	497132	6959307	GLAV	64	003	005	6	00	0	2	0	2	8	310	0	0	4250	5	1	1	1	1	
105I	811394	9	497460	6959637	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	4300	5	1	1	2	1	
105I	811395	9	495597	6954481	GLAV	64	004	005	6	00	0	2	0	2	6	310	0	0	4300	5	1	1	1	1	
105I	811396	9	489467	6947718	GLAV	64	004	008	6	00	0	2	0	3	6	210	0	0	3200	5	1	1	1	1	
105I	811397	9	484749	6951288	GLAV	64	004	003	6	00	0	2	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811398	9	484730	6953315	GLAV	64	004	005	6	00	0	1	0	2	6	210	0	0	3100	5	1	1	1	1	
105I	811399	9	483304	6955454	GLAV	64	004	005	6	00	0	1	0	2	6	220	0	0	3200	5	1	1	1	1	
105I	811400	9	481664	6957033	GLAV	64	005	005	6	00	0	1	0	2	6	210	0	0	3200	5	1	1	1	1	
105I	811402	9	480997	6958428	GLAV	64	004	005	6	00	0	1	0	2	6	120	0	0	3200	5	1	1	1	1	
105I	811403	9	477838	6960649	GLAV	64	003	005	6	00	0	1	0	2	6	120	0	0	3300	5	1	1	1	1	
105I	811404	9	473704	6963820	GLAV	64	005	005	6	00	0	1	0	2	8	120	0	0	3400	5	1	1	1	1	
105I	811405	9	472341	6964034	GLAV	64	004	005	6	00	0	1	2	2	6	120	0	0	3600	5	1	1	1	1	
105I	811406	9	468809	6964728	GLAV	64	001	001	6	00	0	1	0	2	8	120	0	0	4200	5	1	1	1	1	
105I	811407	9	468467	6965055	GLAV	64	006	010	6	10	0	1	0	2	6	220	0	0	4200	5	1	1	2	1	
105I	811408	9	468467	6965055	GLAV	64	006	010	6	20	0	1	0	2	6	220	0	0	4200	5	1	1	2	1	
105I	811409	9	472428	6966538	GLAV	64	004	006	6	00	0	1	0	2	6	210	0	0	3600	5	1	1	1	1	
105I	811410	9	472654	6967977	GLAV	64	004	010	6	00	0	1	0	2	6	210	0	0	3500	5	1	1	2	1	
105I	811411	9	471077	6968510	GLAV	64	006	005	6	00	0	1	0	2	8	220	0	0	3500	5	1	1	1	1	
105I	811412	9	469508	6971326	GLAV	64	006	005	6	00	0	1	0	2	6	120	0	0	3500	5	1	1	1	1	
105I	811413	9	466700	6974600	CGLM	29	003	005	6	00	0	1	0	2	8	120	0	0	3700	5	1	1	1	1	UDMPS
105I	811414	9	467647	6971192	GLAV	64	010	015	6	00	0	6	0	3	6	210	0	0	3800	5	1	1	2	1	
105I	811415	9	464128	6970140	GLAV	64	006	010	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	2	1	
105I	811417	9	464290	6970496	GLAV	64	006	010	6	00	0	1	0	2	6	120	0	0	4200	5	1	1	2	1	
105I	811418	9	462666	6971686	SLSN	30	006	010	6	00	0	1	0	2	6	220	0	0	4400	5	1	1	2	1	CP
105I	811419	9	461937	6971220	CGLM	29	005	005	6	00	0	1	0	2	6	220	0	0	4400	5	1	1	1	1	UDMPS
105I	811420	9	459952	6978621	GLAV	64	008	007	6	00	0	1	0	2	6	210	0	0	3500	5	1	1	2	1	
105I	811422	9	456222	6978258	GLAV	64	002	005	6	10	0	1	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811423	9	456222	6978258	GLAV	64	002	005	6	20	0	1	0	2	6	220	0	0	3500	5	1	1	1	1	
105I	811424	9	456563	6976937	GLAV	64	004	005	6	00	0	1	0	2	6	120	0	0	3500	5	1	1	1	1	
105I	811425	9	455824	6975980	GLAV	64	006	008	6	00	0	1	0	2	6	120	0	0	3500	5	1	1	1	1	
105I	811426	9	453569	6975033	GLAV	64	005	007	6	00	0	1	0	2	6	120	0	0	3500	5	1	1	1	1	
105I	811427	9	453490	6976729	GLAV	64	007	007	6	00	0	2	0	3	8	210	0	0	3500	5	1	1	2	1	
105I	811428	9	453200	6983200	SLSN	30	005	006	6	00	0	2	0	2	8	111	0	0	4100	5	1	1	1	1	CP
105I	811429	9	450881	6984109	SLSN	30	010	010	6	00	0	2	0	1	8	022	0	0	4000	5	1	1	2	1	CP
105I	811430	9	450155	6985197	GLAV	64	006	007	6	00	0	2	0	2	6	220	0	0	3900	5	1	1	1	1	
105I	811431	9	453923	6983501	SLSN	30	004	003	6	00	0	1	0	1	8	220	0	0	4200	5	1	1	1	1	CP
105I	811432	9	455203	6982389	SLSN	30	003	005	6	00	0	2	0	2	8	120	0	0	4200	5	1	1	1	1	CP
105I	811434	9	460921	6979691	GLAV	64	004	006	6	00	0	1	0	2	8	220	0	0	3500	5	1	1	1	1	
105I	811435	9	467901	6983829	SLSN	30	005	005	6	00	0	1	0	3	6	220	0	0	4000	5	1	1	1	1	CP
105I	811436	9	469640	6984690	SLSN	30	004	008	6	00	0	2	2	3	8	220	0	0	4200	5	1	1	1	1	CP
105I	811437	9	469381	6984124	SLSN	30	006	005	6	00	0	2	0	3	6	210	0	0	4200	5	1	1	1	1	CP
105I	811438	9	468935	6983146	SLSN	30	003	005	6	00	0	2	0	3	6	310	0	0	4200	5	1	1	1	1	CP
105I	811439	9	467925	6980750	SLSN	30	004	008	6	00	0	1	0	2	6	120	0	0	3800	5	1	1	1	1	CP
105I	811440	9	470300	6979700	SLSN	30	006	005	6	00	0	2	0	3	6	210	0	0	4300	5	1	1	2	1	CP
105I	811442	9	470200	6979200	SLSN	30	003	003	6	00	0	2	0	3	6	120	0	0	4200	5	1	1	1	1	CP
105I	811443	9	471700	6978600	SLSN	30	004	005	6	00	0	6	2	2	1	220	0	2	4200	5	1	1	1	1	CP
105I	811444	9	471400	6977900	SLSN	30	002	005	6	00	0	2	0	3	6	220	1	1	4200	5	1	1	1	1	CP
105I	811445	9	472700	6977500	SLSN	30	007	005	6	00	0	6	2	3	6	120	0	2	4100	5	1	1	1	2	CP

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAMP MTHD	SAMP STAT	COLL TECH	BACK KNOT	WATR LOSS	RACK TUBE	SAMP CLAS	SAMP CMPS	PREP SIEV	PREP RAW/B	ALTD	PHYS STAT	ANAL TECH	TYPE SEDE	CLAS SEDE	SRCE SEDE	FORM NAME
105I	811446	9	473745	6975993	SLSN	30	004	005	6	10	0	2	0	2	6	120	0	0	3900	5	1	1	1	1	CP
105I	811447	9	473745	6975993	SLSN	30	004	005	6	20	0	2	0	2	6	120	0	0	3900	5	1	1	1	1	CP
105I	811448	9	473761	6975585	SLSN	30	003	006	6	00	0	1	0	2	8	220	0	0	3900	5	1	1	1	1	CP
105I	811450	9	473798	6974456	SLSN	30	006	005	6	00	0	1	0	3	6	120	0	0	3900	5	1	1	1	1	CP
105I	811451	9	471999	6974080	GLAV	64	004	005	6	00	0	2	0	3	6	120	0	0	3800	5	1	1	1	1	
105I	811452	9	471717	6972852	GLAV	64	005	005	6	00	0	1	0	2	6	120	0	0	3800	5	1	1	1	1	
105I	811453	9	473866	6970167	GLAV	64	003	006	6	00	0	5	0	2	6	210	0	0	3800	5	1	1	1	1	
105I	811454	9	474239	6969731	GLAV	64	004	005	6	00	0	5	0	2	8	120	0	0	3800	5	1	1	1	1	
105I	811455	9	478800	6967600	GLAV	64	004	005	6	00	0	1	0	2	6	220	0	0	3800	5	1	1	1	1	
105I	811456	9	478324	6966770	GLAV	64	002	008	6	00	0	5	0	3	6	210	0	0	3800	5	1	1	1	1	
105I	811457	9	483870	6963155	GLAV	64	001	002	6	00	0	2	0	1	8	012	0	0	4900	5	1	1	1	1	
105I	811458	9	483333	6962796	GLAV	64	006	005	6	00	0	6	0	3	6	220	0	0	3900	5	1	1	1	1	
105I	811459	9	486691	6959891	GLAV	64	003	005	6	00	0	2	0	1	6	111	0	0	4000	5	1	1	1	1	
105I	811460	9	486593	6959490	GLAV	64	004	005	6	00	0	2	0	1	6	120	0	0	4000	5	1	1	1	1	
105I	811462	9	489032	6954253	GLAV	64	005	008	6	00	0	2	0	2	8	210	0	0	3700	5	1	1	1	1	
105I	811463	9	492256	6948316	GLAV	64	002	003	6	00	0	1	0	2	6	220	0	0	2900	5	1	1	1	1	
105I	811464	9	491865	6946923	GLAV	64	004	006	6	00	0	1	0	2	6	220	0	0	2900	5	1	1	1	1	
105I	811465	9	456600	6892400	GLAV	64	006	010	6	00	0	2	0	2	8	310	0	0	4200	5	1	1	1	1	
105I	811466	9	452381	6890283	GLAV	64	004	010	6	00	0	2	0	2	1	220	0	0	4700	5	1	1	1	1	
105I	811467	9	452392	6890940	GLAV	64	005	010	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	2	1	
105I	811468	9	449825	6888173	GLAV	64	003	008	6	10	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	
105I	811469	9	449825	6888173	GLAV	64	003	008	6	20	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	
105I	811470	9	448250	6885188	GLAV	64	003	010	6	00	0	2	0	3	6	220	0	0	3800	5	1	1	1	1	
105I	811471	9	448049	6884610	GLAV	64	002	015	6	00	0	7	0	1	8	220	0	0	3300	2	1	1	1	1	
105I	811472	9	451943	6882734	GLAV	64	003	010	6	00	0	7	0	1	8	130	0	0	3400	2	1	1	1	1	
105I	811474	9	453723	6882976	GLAV	64	003	010	6	00	0	2	0	2	3	220	0	0	3400	5	1	1	1	1	
105I	811475	9	454772	6884600	GLAV	64	006	005	6	00	0	2	0	2	8	220	0	0	3500	5	1	1	2	1	
105I	811476	9	457605	6884192	SLTE	08	010	007	6	00	0	2	0	2	1	130	0	0	3500	5	1	1	1	1	HIEP
105I	811477	9	457514	6883784	GLAV	64	001	003	6	00	0	2	0	1	6	040	0	0	4200	5	1	1	1	1	
105I	811478	9	455530	6887457	SLTE	08	005	007	6	00	0	2	0	2	1	220	0	0	4500	5	1	1	2	1	HIEP
105I	811479	9	456222	6888070	ARNT	07	004	005	6	00	0	2	0	2	1	220	0	0	4400	5	1	1	1	1	HSP
105I	811480	9	460984	6888323	GLAV	64	003	010	6	00	0	2	0	2	8	130	0	0	3500	5	1	1	1	1	
105I	811482	9	461810	6889847	GLAV	64	004	008	6	10	0	2	0	2	8	220	0	0	3500	5	1	1	1	1	
105I	811483	9	461810	6889847	GLAV	64	004	008	6	20	0	2	0	2	8	220	0	0	3500	5	1	1	1	1	
105I	811484	9	461984	6892127	GLAV	64	012	015	6	00	0	2	0	2	8	130	0	0	3400	5	1	1	2	1	
105I	811485	9	465960	6890123	ARNT	07	007	015	6	00	0	2	0	2	6	030	0	0	3800	5	1	1	1	1	HSP
105I	811486	9	467107	6889051	GLAV	64	002	008	6	00	0	2	0	2	1	220	0	0	4800	5	1	1	1	1	
105I	811487	9	468011	6887903	GLAV	64	005	007	6	00	0	2	0	3	8	220	0	0	4750	5	1	1	1	1	
105I	811488	9	469351	6887244	GLAV	64	006	010	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	2	1	
105I	811489	9	469019	6886227	GLAV	64	012	008	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	2	1	
105I	811490	9	465476	6886137	GLAV	64	008	012	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	2	1	
105I	811491	9	460783	6882773	GLAV	64	002	008	6	00	0	2	0	2	1	310	0	0	4200	5	1	1	1	1	
105I	811492	9	463602	6881217	ARNT	07	007	009	6	00	0	2	0	2	8	220	0	0	3550	5	1	1	2	1	HSP
105I	811494	9	457861	6878473	GLAV	64	010	015	6	00	0	7	0	1	3	040	0	0	3500	5	1	1	2	1	
105I	811495	9	455236	6879428	GLAV	64	002	010	6	00	0	2	0	2	3	220	0	0	4200	5	1	1	1	1	
105I	811496	9	455249	6878561	GLAV	64	004	005	6	00	0	2	0	3	8	220	0	0	4200	5	1	2	1	2	
105I	811497	9	452816	6878783	GLAV	64	010	012	6	00	0	2	0	2	3	130	0	0	3500	5	1	1	2	1	
105I	811498	9	450354	6878360	GLAV	64	001	005	6	00	0	2	0	2	8	310	0	0	4600	5	1	1	1	1	
105I	811499	9	452063	6875665	LMSN	14	003	007	6	00	0	2	0	3	8	310	0	0	4500	5	1	1	1	1	UEIOI
105I	811500	9	458912	6874380	GLAV	64	003	015	6	00	0	2	0	2	8	121	0	0	3500	5	1	1	2	1	

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONT	BACK	WATR	RSTO	SCOL	SMP	PPRS	PPRB	ALTD	PHYS	PART	TYPE	CLAS	SREC	FORM NAME
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105I	811503	9	463869	6875180	GLAV	64	008	025	6	20	0	2	0	2	6	220	0	0	3700	5	1	1	2	1	
105I	811504	9	465907	6877970	SLTE	08	006	009	6	00	0	2	0	2	8	310	0	0	4300	5	1	1	1	1	HIEP
105I	811505	9	466611	6877468	GLAV	64	005	015	6	00	0	2	0	2	6	310	0	0	4100	5	1	1	1	1	
105I	811506	9	472387	6876879	SLTE	08	007	020	6	00	0	2	0	2	8	310	0	0	3850	5	1	1	2	1	HIEP
105I	811507	9	472748	6876481	GLAV	64	015	025	6	00	0	2	0	2	8	220	0	0	3850	5	1	1	3	1	
105I	811508	9	470047	6882580	SLTE	08	010	010	6	00	0	2	0	2	8	220	0	0	4200	5	1	1	2	1	HIEP
105I	811509	9	469591	6882915	SLTE	08	006	010	6	00	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	HIEP
105I	811511	9	475023	6885311	GLAV	64	007	020	6	00	0	2	0	1	8	130	0	0	4100	5	1	1	2	1	
105I	811512	9	476086	6885118	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	4100	5	1	1	2	1	
105I	811513	9	474673	6888309	ARNT	07	012	015	6	00	0	2	0	2	6	220	0	0	4500	5	1	1	2	1	HSP
105I	811514	9	472147	6886950	GLAV	64	002	009	6	00	0	2	0	2	8	040	0	0	3700	5	1	1	1	1	
105I	811515	9	484843	6916655	SLTE	08	006	010	6	00	0	2	0	2	1	220	0	0	4300	5	1	1	2	1	HIEP
105I	811516	9	492044	6916693	CGLM	29	005	007	6	00	0	2	0	3	6	310	0	0	3900	5	1	1	1	1	UDMPS
105I	811517	9	490941	6914573	SLTE	08	005	008	6	00	0	6	0	3	3	220	0	0	3900	5	1	1	2	1	HIEP
105I	811518	9	493989	6914844	GLAV	64	001	002	6	00	0	6	0	2	6	310	0	0	4200	5	1	1	1	1	
105I	811519	9	492590	6911406	GLAV	64	010	010	6	00	0	2	0	3	6	220	0	0	3200	5	1	1	2	1	
105I	811520	9	493923	6908605	ARNT	07	004	002	6	00	0	6	0	3	6	310	0	0	3800	5	1	1	1	1	HSP
105I	811522	9	496682	6907668	SLTE	08	010	005	6	00	0	2	0	3	8	220	0	0	4300	5	1	1	2	1	HIEP
105I	811523	9	496164	6907353	ARNT	07	004	005	6	00	0	2	0	3	8	130	0	0	4300	5	1	1	1	1	HSP
105I	811524	9	491449	6906532	GLAV	64	005	005	6	00	0	2	0	3	8	220	0	0	3400	5	1	1	1	1	
105I	811525	9	490248	6905961	GLAV	64	005	005	6	00	0	2	0	2	6	220	0	0	3400	5	1	1	1	1	
105I	811526	9	490837	6903439	GLAV	64	004	005	6	00	0	2	0	1	6	130	0	0	3600	5	1	1	1	1	
105I	811527	9	491333	6901428	GLAV	64	006	006	6	10	0	2	0	3	6	310	0	0	3700	5	1	1	2	1	
105I	811528	9	491333	6901428	GLAV	64	006	006	6	20	0	2	0	3	6	310	0	0	3700	5	1	1	2	1	
105I	811529	9	492495	6901713	GLAV	64	002	005	6	00	0	2	0	2	6	130	0	0	3700	5	1	1	1	1	
105I	811530	9	494014	6900064	GLAV	64	007	006	6	00	0	1	0	3	8	220	0	0	3800	5	1	1	2	1	
105I	811531	9	494648	6899544	GLAV	64	006	005	6	00	0	1	0	3	8	220	0	0	3800	5	1	1	2	1	
105I	811532	9	491396	6897279	SLTE	08	002	005	6	00	0	2	0	2	8	040	0	0	4200	5	1	1	1	1	HIEP
105I	811533	9	491768	6896664	SLTE	08	005	006	6	00	0	1	0	2	8	040	0	0	4100	5	1	1	1	1	HIEP
105I	811534	9	495037	6897724	SLTE	08	004	004	6	00	0	2	0	3	6	130	0	0	4400	5	1	1	1	1	HIEP
105I	811535	9	496405	6897256	ARNT	07	004	005	6	00	0	1	0	2	8	220	0	0	4300	5	1	1	1	1	HSP
105I	811537	9	496369	6896625	SLTE	08	040	005	6	00	0	1	0	2	8	130	0	0	4300	5	1	1	2	1	HIEP
105I	811538	9	495890	6894634	SLTE	08	004	004	6	00	0	1	0	2	6	220	0	0	4700	5	1	1	1	1	HIEP
105I	811539	9	496409	6894031	SLTE	08	008	005	6	00	0	1	0	2	8	220	0	0	4700	5	1	1	2	1	HIEP
105I	811540	9	499266	6894297	GLAV	64	003	010	6	00	0	1	0	1	8	130	0	0	4600	5	1	1	1	1	
105I	811542	9	499974	6894458	GLAV	64	006	005	6	00	0	1	0	2	8	220	0	0	4600	5	1	1	1	1	
105I	811543	9	496255	6889902	GLAV	64	010	006	6	00	0	1	0	2	8	310	0	0	4700	5	1	1	2	1	
105I	811544	9	496099	6889521	GLAV	64	007	005	6	00	0	1	0	2	8	130	0	0	4700	5	1	1	1	1	
105I	811545	9	491849	6884675	ARNT	07	008	007	6	00	0	2	0	3	6	220	0	0	4600	5	1	1	2	1	HSP
105I	811546	9	492273	6884252	ARNT	07	005	005	6	00	0	2	0	3	6	220	0	0	4600	5	1	1	1	1	HSP
105I	811547	9	494469	6883847	ARNT	07	015	010	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	2	1	HSP
105I	811548	9	494646	6884490	ARNT	07	006	010	6	00	0	2	0	4	6	220	0	0	4300	5	1	1	1	1	HSP
105I	811549	9	494707	6883068	ARNT	07	004	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	HSP
105I	811550	9	495714	6882156	ARNT	07	004	005	6	00	0	1	0	2	8	040	0	0	4100	5	1	1	1	1	HSP
105I	811552	9	498679	6882479	ARNT	07	004	010	6	00	0	1	0	1	8	130	0	0	4100	5	1	1	1	1	HSP
105I	811553	9	499163	6881386	ARNT	07	003	007	6	00	0	1	0	2	3	220	0	0	4100	5	1	1	1	1	HSP
105I	811554	9	494963	6878452	ARNT	07	005	010	6	10	0	1	0	2	6	220	0	0	3500	5	1	1	1	1	HSP
105I	811555	9	494963	6878452	ARNT	07	005	010	6	20	0	1	0	2	6	220	0	0	3500	5	1	1	1	1	HSP
105I	811556	9	494468	6877748	ARNT	07	008	010	6	00	0	2	0	2	6	220	0	0	3500	5	1	1	2	1	HSP

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONK	BACK	WATR	RATE	SOIL	SMP	PPSB	PRBB	ALTD	PHYS	PAST	PTEE	CLES	SREC	FORM NAME
105I	811557	9	491654	6878131	ARNT	07	006	010	6	00	0	2	0	3	6	310	0	0	4100	5	1	1	2	1	HSP
105I	811558	9	490888	6876964	GLAV	64	004	010	6	00	0	2	0	3	6	220	0	0	3900	5	1	1	1	1	
105I	811559	9	487622	6877523	GLAV	64	005	005	6	00	0	1	0	2	6	130	0	0	2900	5	1	1	1	1	
105I	811560	9	487789	6878681	ARNT	07	006	008	6	00	0	1	2	3	6	220	0	0	2900	5	1	1	1	1	HSP
105I	811562	9	484519	6878513	ARNT	07	006	005	6	00	0	1	0	2	6	220	0	0	2800	5	1	1	1	1	HSP
105I	811563	9	483031	6877071	ARNT	07	004	005	6	00	0	1	0	2	6	220	0	0	2800	5	1	1	1	1	HSP
105I	811564	9	480567	6875431	GLAV	64	004	003	6	00	0	1	0	2	6	220	0	0	2700	5	1	1	1	1	
105I	811565	9	478163	6875161	GLAV	64	004	005	6	00	0	1	0	2	8	130	0	0	2700	5	1	1	1	1	
105I	811566	9	480198	6877582	ARNT	07	003	005	6	00	0	1	0	2	8	220	0	0	2800	5	1	1	1	1	HSP
105I	811567	9	478221	6879323	ARNT	07	002	003	6	00	0	2	0	3	8	040	0	0	4700	5	1	1	1	1	HSP
105I	811568	9	482416	6884411	GLAV	64	004	008	6	10	0	1	0	3	8	220	0	0	3300	5	1	1	1	1	
105I	811569	9	482416	6884411	GLAV	64	004	008	6	20	0	1	0	3	8	220	0	0	3300	5	1	1	1	1	
105I	811570	9	480473	6909147	GLAV	64	003	010	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	1	1	
105I	811571	9	481464	6906597	GLAV	64	003	005	6	00	0	1	0	2	6	120	0	0	3700	5	1	1	1	1	
105I	811573	9	479780	6906385	SHLE	19	002	010	6	00	0	2	0	2	6	120	0	0	4400	5	1	1	1	1	OSPT
105I	811574	9	480162	6903387	SLTE	08	003	005	6	00	0	2	0	2	6	210	0	0	3800	5	1	1	1	1	HIEP
105I	811575	9	478916	6903798	LMSN	14	005	003	6	00	0	1	0	1	6	220	0	0	3900	5	1	1	1	1	UEIOI
105I	811576	9	477858	6901912	SLTE	08	008	008	6	00	0	2	0	3	8	220	0	0	4300	5	1	1	1	1	HIEP
105I	811577	9	477459	6902285	SLTE	08	005	003	6	00	0	2	0	3	8	120	0	0	4400	5	1	1	1	1	HIEP
105I	811578	9	475296	6902753	GLAV	64	003	008	6	00	0	2	0	2	6	220	0	0	4700	5	1	1	1	1	
105I	811579	9	472925	6897926	GLAV	64	003	005	6	00	0	1	0	1	8	120	0	0	4400	5	1	1	1	1	
105I	811580	9	473400	6898458	GLAV	64	004	005	6	00	0	1	0	1	8	111	0	0	4400	5	1	1	1	1	
105I	811582	9	473448	6896883	GLAV	64	006	005	6	10	0	1	0	1	8	120	0	0	4400	5	1	1	2	1	
105I	811583	9	473448	6896883	GLAV	64	006	005	6	20	0	1	0	1	8	120	0	0	4400	5	1	1	2	1	
105I	811584	9	474503	6895525	GLAV	64	004	008	6	00	0	1	0	1	8	120	0	0	4000	5	1	1	1	1	
105I	811585	9	474889	6895152	ARNT	07	010	008	6	00	0	1	0	2	6	220	0	0	4000	5	1	1	2	1	HSP
105I	811587	9	473119	6894349	ARNT	07	004	005	6	00	0	1	0	2	8	120	0	0	3900	5	1	1	1	1	HSP
105I	811588	9	473329	6892314	ARNT	07	003	005	6	00	0	2	0	2	8	130	0	0	4000	5	1	1	1	1	HSP
105I	811589	9	470880	6891076	ARNT	07	008	005	6	00	0	2	0	2	8	310	0	0	4100	5	1	1	1	1	HSP
105I	811590	9	473196	6889517	GLAV	64	010	008	6	00	0	1	0	2	8	310	0	0	3700	5	1	1	2	1	
105I	811591	9	475739	6891564	ARNT	07	005	005	6	00	0	2	0	2	8	310	0	0	4600	5	1	1	1	1	HSP
105I	811592	9	475622	6892107	ARNT	07	004	005	6	00	0	6	0	2	8	130	0	0	4700	5	1	1	1	1	HSP
105I	811593	9	481792	6891337	ARNT	07	004	008	6	00	0	5	0	3	8	220	0	0	4700	5	1	1	1	1	HSP
105I	811594	9	482134	6889123	ARNT	07	005	005	6	00	0	1	0	3	6	310	0	0	3900	5	1	1	1	1	HSP
105I	811595	9	483607	6888207	ARNT	07	012	008	6	00	0	2	0	3	6	310	0	0	3600	5	1	1	2	1	HSP
105I	811596	9	483925	6887198	ARNT	07	008	008	6	00	0	2	0	3	6	220	0	0	3500	5	1	1	2	1	HSP
105I	811597	9	486616	6888383	ARNT	07	007	010	6	00	0	6	0	3	6	310	0	0	4300	5	1	1	1	2	HSP
105I	811598	9	486843	6889026	ARNT	07	007	015	6	00	0	2	0	2	8	120	0	0	4600	5	1	1	2	2	HSP
105I	811599	9	490484	6890389	ARNT	07	006	008	6	00	0	1	0	1	8	310	0	0	5000	5	1	1	1	1	HSP
105I	811600	9	491915	6890863	ARNT	07	012	005	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	2	1	HSP
105I	811602	9	489511	6893634	ARNT	07	008	005	6	10	0	2	0	2	8	130	0	0	4700	5	1	1	2	1	HSP
105I	811603	9	489511	6893634	ARNT	07	008	005	6	20	0	2	0	2	8	130	0	0	4700	5	1	1	2	1	HSP
105I	811604	9	486620	6897829	ARNT	07	003	006	6	00	0	2	0	2	6	111	0	0	4500	5	1	1	1	1	HSP
105I	811605	9	486284	6897079	ARNT	07	005	005	6	00	0	2	0	3	8	120	0	0	4500	5	1	1	1	1	HSP
105I	811606	9	484241	6896584	ARNT	07	010	005	6	00	0	6	0	2	8	130	0	0	4800	5	1	1	1	2	HSP
105I	811608	9	481299	6899842	ARNT	07	003	003	6	00	0	6	0	2	6	220	0	0	4900	5	1	1	1	2	HSP
105I	811609	9	480792	6900222	ARNT	07	008	003	6	00	0	6	0	2	8	220	0	0	4900	5	1	1	1	2	HSP
105I	811610	9	482420	6902670	GLAV	64	010	003	6	00	0	2	0	2	8	120	0	0	4200	5	1	1	1	2	
105I	811611	9	485821	6903334	MDSN	10	004	005	6	00	0	2	0	2	6	220	0	0	4500	5	1	1	1	1	IMEP
105I	811612	9	486331	6903363	SLTE	08	004	005	6	00	0	2	0	2	6	120	0	0	4500	5	1	1	1	1	HIEP

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONT	BACK	WLOT	RELE	SOIL	SMP	PPS	PPB	ALTD	PHYS	PAYT	PTES	CLEE	SRCE	FORM NAME
105I	811613	9	484873	6912474	SHLE	19	004	008	6	00	0	2	0	3	6	210	0	0	4500	5	1	1	1	1	OSPT
105I	811614	9	487106	6911885	GLAV	64	005	004	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	1	1	
105I	811615	9	486722	6911537	GLAV	64	004	004	6	00	0	2	0	2	6	220	0	0	4700	5	1	1	1	1	
105I	811616	9	488329	6909773	SLTE	08	003	005	6	00	0	6	0	2	8	220	0	0	4500	5	1	1	1	1	HIEP
105I	811617	9	489338	6911066	GLAV	64	001	001	6	00	0	6	0	3	8	120	0	0	4300	5	1	2	1	2	
105I	811618	9	489755	6916518	GLAV	64	001	003	6	00	0	2	0	3	8	220	0	0	4600	5	1	1	1	2	
105I	811619	9	488933	6917455	SHLE	19	002	005	6	00	0	2	0	3	6	220	0	0	4300	5	1	1	1	1	OSPT
105I	811620	9	520483	6967249	GLAV	64	008	008	6	00	0	2	0	2	8	220	0	0	4100	5	1	1	2	1	
105I	811622	9	523397	6972473	GLAV	64	015	009	6	00	0	2	0	2	8	130	0	0	4550	5	1	1	2	1	
105I	811623	9	524003	6972488	GLAV	64	007	010	6	00	0	2	0	2	8	220	0	0	4550	5	1	1	1	1	
105I	811624	9	525020	6969211	SLSN	08	005	005	6	00	0	2	0	2	8	220	0	0	4400	5	1	1	1	1	HIEPS
105I	811625	9	524525	6968558	GLAV	64	006	015	6	10	0	2	0	2	3	220	0	0	4300	5	1	1	2	1	
105I	811626	9	524525	6968558	GLAV	64	006	015	6	20	0	2	0	2	3	220	0	0	4300	5	1	1	2	1	
105I	811627	9	530900	6968947	GLAV	64	007	005	6	00	0	2	0	2	8	220	0	0	4100	5	1	1	1	1	
105I	811628	9	531413	6968471	LMSN	13	002	007	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	UEI
105I	811629	9	533340	6966794	LMSN	13	003	005	6	00	0	2	0	2	8	130	0	0	4900	5	1	1	1	1	UEI
105I	811630	9	532093	6970034	GLAV	64	015	006	6	00	0	2	0	2	8	130	0	0	4000	5	1	1	2	1	
105I	811631	9	534204	6971326	GLAV	64	006	006	6	00	0	2	0	2	8	220	0	0	3900	5	1	1	1	1	
105I	811632	9	536534	6971016	GLAV	64	007	007	6	00	0	2	0	2	8	130	0	0	4000	5	1	1	1	1	
105I	811633	9	535215	6976781	LMSN	24	001	008	6	00	0	2	0	1	8	130	0	0	4900	5	1	2	0	2	SDI
105I	811635	9	537610	6977643	LMSN	24	004	007	6	00	0	1	0	2	3	220	0	0	4500	5	1	1	1	1	SDI
105I	811636	9	538893	6979948	LMSN	24	012	010	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	2	1	SDI
105I	811637	9	546107	6980878	CGLM	29	003	007	6	00	0	2	0	2	8	130	0	0	4400	5	1	1	1	1	UDMPS
105I	811638	9	546384	6981418	LMSN	27	004	006	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	2	1	MMDI1
105I	811639	9	547444	6983654	LMSN	26	018	009	6	00	0	1	0	2	6	130	0	0	4400	5	1	1	2	1	IDI
105I	811640	9	547791	6984174	LMSN	26	020	006	6	00	0	1	0	2	6	130	0	0	4400	5	1	1	2	1	IDI
105I	811642	9	545070	6985149	LMSN	27	001	003	6	00	0	2	0	2	8	310	0	0	4300	5	1	1	1	1	LMDI1
105I	811643	9	537385	6983215	GLAV	64	004	004	6	00	0	2	0	2	3	130	0	0	4300	5	1	1	1	1	
105I	811644	9	535256	6982179	GLAV	64	013	005	6	00	0	2	0	2	6	310	0	0	4200	5	1	1	1	1	
105I	811645	9	533858	6983750	GLAV	64	012	005	6	00	0	1	0	2	8	310	0	0	4200	5	1	1	1	1	
105I	811646	9	529150	6980100	LMSN	24	008	008	6	10	0	2	0	2	6	310	0	0	4650	5	1	1	2	1	SDI
105I	811647	9	529150	6980100	LMSN	24	008	008	6	20	0	2	0	2	6	310	0	0	4650	5	1	1	2	1	SDI
105I	811648	9	527399	6978315	LMSN	24	010	008	6	00	0	2	0	2	8	310	0	0	4500	5	1	1	1	1	SDI
105I	811649	9	527281	6978800	LMSN	24	008	009	6	00	0	2	0	2	8	220	0	0	4500	5	1	1	2	1	SDI
105I	811650	9	523705	6977761	LMSN	13	002	010	6	00	0	2	0	2	8	220	0	0	5000	5	1	1	1	1	UEI
105I	811651	9	519386	6977027	DLMT	14	005	010	6	00	0	2	0	2	6	310	0	0	4900	5	1	1	1	2	UEOD1
105I	811652	9	518673	6977172	DLMT	14	012	015	6	00	0	2	0	2	6	310	0	0	5000	5	1	1	2	1	UEOD1
105I	811653	9	520593	6978427	DLMT	14	007	009	6	00	0	2	0	2	6	220	0	0	4650	5	1	1	1	1	UEOD1
105I	811654	9	521194	6979678	LMSN	24	004	005	6	00	0	2	0	2	8	130	0	0	4550	5	1	1	1	1	SDI
105I	811655	9	526876	6985093	GLAV	64	010	006	6	00	0	2	0	2	8	220	1	0	4300	5	1	1	2	1	
105I	811656	9	524013	6984878	GLAV	64	002	010	6	00	0	2	0	1	8	013	0	0	4400	5	1	1	1	1	
105I	811657	9	517554	6982406	LMSN	24	006	010	6	00	0	1	0	2	6	310	0	0	4400	5	1	1	2	1	SDI
105I	811658	9	516459	6982624	GLAV	64	010	010	6	00	0	2	0	2	6	310	0	0	4400	5	1	1	2	1	
105I	811659	9	511327	6983215	LMSN	26	008	008	6	00	0	1	0	2	6	130	0	0	5000	5	1	1	1	1	MDI
105I	811662	9	511023	6983504	LMSN	26	003	005	6	00	0	6	0	2	6	310	0	0	5100	5	1	1	1	1	MDI
105I	811663	9	507424	6982771	GLAV	64	020	009	6	10	0	1	0	2	6	220	0	0	4250	5	1	1	2	1	
105I	811664	9	507424	6982771	GLAV	64	020	009	6	20	0	1	0	2	6	220	0	0	4250	5	1	1	2	1	
105I	811665	9	507000	6976900	QZMZ	52	005	010	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	1	1	KQM
105I	811666	9	506600	6976700	QZMZ	52	009	010	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	1	1	KQM
105I	811667	9	514951	6973151	QZMZ	52	006	017	6	00	0	1	0	2	8	220	0	0	4300	5	1	1	2	1	KQM

MAP	SAMPLE	ZN	UTM COORDINATES EAST	UTM COORDINATES NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONT	BACK	WATR	RATO	SCOR	SMP	PPRS	PPRB	ALTD	PHYS	PAST	PTEX	CLES	SRCE	FORM NAME
105I	811668	9	515305	6972626	QZMZ	52	007	009	6	00	0	5	0	2	8	130	0	0	4800	5	1	1	1	1	KQM
105I	811669	9	515568	6970923	SHLE	25	006	010	6	00	0	1	0	2	8	220	0	0	3850	5	1	1	1	1	MUDPT
105I	811671	9	513548	6972052	QZMZ	52	008	008	6	00	0	6	0	2	8	220	0	0	4750	5	1	1	2	1	KQM
105I	811672	9	513346	6971372	QZMZ	52	007	020	6	00	0	2	0	2	6	310	0	0	4400	5	1	1	1	1	KQM
105I	811673	9	508568	6969583	QZMZ	52	015	015	6	00	0	5	0	2	8	220	0	0	4000	5	1	1	2	1	KQM
105I	811674	9	508534	6970176	QZMZ	52	030	009	6	00	0	5	0	2	6	220	0	0	4050	5	1	1	1	1	KQM
105I	811675	9	513313	6968166	CGLM	29	006	010	6	00	0	1	0	2	8	220	0	0	3850	5	1	1	1	1	UDMPS
105I	811676	9	516380	6969470	LMSN	27	002	005	6	00	0	2	0	2	8	130	0	0	3700	5	1	1	1	1	MDI
105I	811677	9	517221	6967393	GLAV	64	002	010	6	00	0	2	0	2	3	130	0	0	3500	5	1	1	1	1	
105I	811678	9	523103	6965541	GLAV	64	003	005	6	00	0	1	0	1	8	220	0	0	4100	5	1	1	1	1	
105I	811679	9	528953	6963492	LMSN	27	004	005	6	00	0	1	0	2	6	310	0	0	4600	5	1	1	1	1	MDI
105I	811680	9	528893	6963034	LMSN	27	003	005	6	00	0	1	0	2	8	220	0	0	4600	5	1	1	1	1	MDI
105I	811682	9	536937	6963283	GLAV	64	005	008	6	00	0	2	0	3	6	220	0	0	4200	5	1	1	1	1	
105I	811683	9	537334	6962700	LMSN	12	005	004	6	00	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	MEI
105I	811684	9	537468	6966555	DLMT	11	004	005	6	00	0	6	0	2	8	220	0	0	4600	5	1	1	1	1	IEIDS
105I	811685	9	540710	6961344	LMSN	27	003	003	6	10	0	1	0	1	6	310	0	0	3400	5	1	1	1	1	MDI
105I	811686	9	540710	6961344	LMSN	27	003	003	6	20	0	1	0	1	6	310	0	0	3400	5	1	1	1	1	MDI
105I	811688	9	541684	6960222	SHLE	25	004	002	6	00	0	1	0	2	8	130	0	0	3300	5	1	1	1	1	MUDPT
105I	811689	9	541929	6961718	DLMT	19	001	001	6	00	0	2	0	1	8	040	0	0	3400	5	1	2	1	2	UOSD
105I	811690	9	543473	6963982	DLMT	19	002	003	6	00	0	6	0	3	6	220	0	0	4000	5	1	2	1	2	UOSD
105I	811691	9	543916	6964501	DLMT	19	004	005	6	00	0	6	0	3	6	220	0	0	4000	5	1	1	1	1	UOSD
105I	811692	9	540154	6968002	LMSN	12	003	005	6	00	0	2	0	2	6	220	0	0	3700	5	1	1	1	1	MEI
105I	811693	9	539856	6972248	GLAV	64	002	003	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	811694	9	539021	6972210	GLAV	64	004	004	6	00	0	1	0	1	8	130	0	0	4100	5	1	1	1	1	
105I	811695	9	540795	6973580	GLAV	64	006	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	811696	9	548663	6977023	LMSN	27	001	005	6	00	0	5	0	2	6	130	0	0	4400	5	3	2	1	2	LMDI1
105I	811697	9	548768	6977609	LMSN	27	010	005	6	00	0	2	0	2	6	220	0	0	4300	5	1	1	2	1	LMDI1
105I	811698	9	546976	6974371	GLAV	64	002	004	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	1	1	
105I	811699	9	546029	6973785	GLAV	64	001	003	6	00	0	2	0	1	6	310	0	0	3800	5	1	2	1	2	
105I	811700	9	546617	6972111	CGLM	29	003	005	6	00	0	1	0	2	6	310	0	0	3600	5	1	1	1	1	UDMPS
105I	811702	9	547474	6972628	GLAV	64	010	008	6	00	0	1	0	3	6	220	0	0	3600	5	1	1	2	1	
105I	811703	9	548536	6971250	GLAV	64	008	005	6	10	0	1	0	2	6	220	0	0	3600	5	1	1	1	1	
105I	811704	9	548536	6971250	GLAV	64	008	005	6	20	0	1	0	2	6	220	0	0	3600	5	1	1	1	1	
105I	811705	9	549157	6970659	CGLM	29	004	005	6	00	0	1	0	2	6	310	0	0	3500	5	1	1	1	1	UDMPS
105I	811706	9	548063	6970125	CGLM	29	003	004	6	00	0	1	0	2	6	310	0	0	3600	5	1	1	1	1	UDMPS
105I	811707	9	548161	6969404	CGLM	29	005	005	6	00	0	1	0	2	6	310	0	0	3600	5	1	1	1	1	UDMPS
105I	811708	9	549634	6967654	CGLM	29	004	003	6	00	0	1	0	2	6	130	0	0	3400	5	1	1	1	1	UDMPS
105I	811709	9	550439	6965042	GLAV	64	003	002	6	00	0	1	0	1	3	310	0	0	3400	5	1	1	1	1	
105I	811710	9	548900	6962535	LMSN	27	002	002	6	00	0	1	0	1	6	310	0	0	3400	5	1	1	1	1	MDI
105I	811711	9	548817	6959597	LMSN	24	002	002	6	00	0	1	0	1	3	310	0	0	3400	5	1	2	1	2	SDI
105I	811712	9	547585	6958293	LMSN	24	004	005	6	00	0	1	0	3	3	310	0	0	3300	5	1	1	1	1	SDI
105I	811713	9	544163	6959344	GLAV	64	005	003	6	00	0	1	0	2	3	220	0	0	3200	5	1	1	1	1	
105I	811714	9	542684	6959176	LMSN	27	006	005	6	00	0	1	0	2	1	310	1	1	3300	5	1	1	1	1	MDI
105I	811715	9	545161	6956991	GLAV	64	002	005	6	00	0	6	0	2	2	220	0	0	3700	5	1	1	1	1	
105I	811716	9	550355	6951129	DLMT	14	006	005	6	00	0	2	0	2	3	220	0	0	3400	5	1	1	1	1	UEOSD
105I	811717	9	547207	6953000	LMSN	24	003	005	6	00	0	2	0	3	3	310	0	0	3200	5	1	1	1	1	SDI
105I	811718	9	543630	6953828	CGLM	29	002	005	6	00	0	6	0	3	6	310	0	0	4200	5	1	1	1	1	UDMPS
105I	811719	9	538585	6955075	LMSN	27	003	008	6	00	0	6	0	3	8	220	0	0	3900	5	1	1	1	1	MDI
105I	811722	9	534470	6957335	LMSN	26	005	008	6	00	0	2	0	3	8	130	0	0	4200	5	1	1	1	1	UIDI
105I	811723	9	532614	6959088	LMSN	27	007	004	6	00	0	2	0	2	6	310	0	0	4500	5	1	1	1	2	MDI

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAM P	RS ST	COON T	BACK K	WATR LOT E	RASC L	SMP CMP	PPRS S	PPRB B	ALTD	PHYS S	PATT T	PTYE E	CLSE E	SRCE E	FORM NAME
105I	811724	9	532236	6958753	DLMT	14	004	005	6	00	0	2	0	2	6	310	0	0	4600	5	1	1	1	2	UEOD1
105I	811725	9	535680	6954171	GLAV	64	008	005	6	00	0	1	0	3	6	310	0	0	3500	5	1	1	1	1	
105I	811726	9	536001	6952703	SLSN	08	004	005	6	00	0	1	0	2	8	310	0	0	3400	5	1	1	1	1	HIEPS
105I	811727	9	502613	6943635	GLAV	64	004	003	6	00	0	1	0	2	6	220	0	0	2700	5	1	1	1	1	
105I	811728	9	497543	6942103	GLAV	64	005	004	6	00	0	2	0	2	6	310	0	0	3400	5	1	1	1	0	
105I	811729	9	495576	6942372	GLAV	64	005	003	6	00	0	2	0	2	6	310	0	0	3300	5	1	1	1	1	
105I	811730	9	493902	6942721	GLAV	64	006	005	6	00	0	1	0	2	6	310	0	0	3500	5	1	1	1	1	
105I	811731	9	494049	6945741	GLAV	64	007	008	6	00	0	2	0	2	6	220	0	0	3100	5	1	1	1	1	
105I	811732	9	496872	6948659	GLAV	64	009	009	6	00	0	2	0	2	6	220	0	0	3100	5	1	1	1	1	
105I	811733	9	499279	6950325	GLAV	64	006	005	6	00	0	1	0	1	8	130	0	0	2900	5	1	1	1	1	
105I	811734	9	501321	6950801	GLAV	64	005	010	6	00	0	1	0	1	6	130	0	0	3000	5	1	1	1	1	
105I	811735	9	501196	6953135	GLAV	64	010	006	6	00	0	1	0	2	6	220	0	0	3000	5	1	1	1	1	
105I	811736	9	502741	6954520	GLAV	64	005	007	6	00	0	1	0	2	6	130	0	0	3000	5	1	1	1	1	
105I	811737	9	500724	6957873	GLAV	64	006	005	6	00	0	2	0	2	8	220	0	0	4100	5	1	1	1	1	
105I	811738	9	501341	6957754	SLSN	30	007	005	6	10	0	2	0	2	8	310	0	0	4200	5	1	1	1	1	CP
105I	811739	9	501341	6957754	SLSN	30	007	005	6	20	0	2	0	2	8	310	0	0	4200	5	1	1	1	1	CP
105I	811742	9	505378	6957159	GLAV	64	006	007	6	00	0	2	0	2	6	210	0	0	4100	5	1	1	1	1	
105I	811743	9	505547	6956800	GLAV	64	006	004	6	00	0	2	0	3	1	220	0	0	4300	5	1	1	1	1	
105I	811744	9	509108	6957514	SLSN	30	005	005	6	00	0	2	0	3	8	310	0	0	4100	5	1	1	1	2	CP
105I	811745	9	504536	6962977	GLAV	64	004	008	6	10	0	6	0	2	1	130	0	0	4700	5	1	1	1	1	
105I	811747	9	504536	6962977	GLAV	64	004	008	6	20	0	6	0	2	1	130	0	0	4700	5	1	1	1	1	
105I	811748	9	504368	6963635	QZMZ	52	012	007	6	00	0	2	0	2	6	220	0	0	4300	5	1	1	2	1	KQM
105I	811749	9	507172	6962716	GLAV	64	007	005	6	00	0	2	0	2	8	111	0	0	4400	5	1	1	1	1	
105I	811750	9	508068	6965214	QZMZ	52	015	008	6	00	0	2	0	2	8	220	0	0	4100	5	1	1	2	1	KQM
105I	811751	9	508824	6964865	QZMZ	52	004	003	6	00	0	2	0	2	8	111	0	0	4100	5	1	1	1	1	KQM
105I	811752	9	513282	6955560	GLAV	64	010	005	6	00	0	1	0	2	6	220	0	0	3300	5	1	1	2	1	
105I	811753	9	513872	6958124	GLAV	64	008	005	6	00	0	1	0	2	8	220	0	0	3300	5	1	1	1	1	
105I	811754	9	512966	6958934	GLAV	64	005	003	6	00	0	1	0	1	8	220	0	0	3300	5	1	1	1	1	
105I	811755	9	515185	6961117	GLAV	64	003	003	6	00	0	2	0	2	8	310	0	0	4700	5	1	2	1	2	
105I	811756	9	516920	6962296	GLAV	64	004	007	6	00	0	1	0	1	6	121	0	0	3500	5	1	1	1	1	
105I	811757	9	521662	6963461	GLAV	64	005	004	6	00	0	1	0	2	6	120	0	0	4700	5	1	1	1	1	
105I	811758	9	522691	6960847	GLAV	64	004	003	6	00	0	1	0	2	6	130	0	0	3700	5	1	1	1	1	
105I	811759	9	521686	6958286	GLAV	64	005	005	6	00	0	1	0	2	6	210	0	0	3900	5	1	1	1	1	
105I	811760	9	522530	6958611	GLAV	64	002	002	6	00	0	1	0	1	6	220	0	0	3900	5	1	2	1	2	
105I	811762	9	528006	6958923	DLMT	14	004	004	6	00	0	2	0	2	6	220	0	0	4900	5	1	1	1	1	UEOD1
105I	811763	9	528754	6959255	LMSN	13	002	002	6	00	0	2	0	2	6	220	0	0	4900	5	1	2	1	2	UEI
105I	811764	9	533867	6953834	SLSN	08	005	007	6	00	6	2	0	2	8	220	1	1	3800	5	1	1	1	1	HIEPS
105I	811765	9	531022	6955256	GLAV	64	005	004	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	811766	9	527944	6955354	DLMT	14	003	003	6	00	0	1	0	2	6	310	0	0	4500	5	1	1	1	1	UEOD1
105I	811767	9	527545	6955752	DLMT	14	008	005	6	00	0	1	0	2	6	310	0	0	4500	5	1	1	1	1	UEOD1
105I	811768	9	522877	6956180	SHLE	25	004	005	6	00	0	1	0	2	6	220	1	1	4000	5	1	1	1	1	MUDPT
105I	811769	9	521662	6955533	GLAV	64	003	004	6	00	0	1	0	2	6	310	0	0	4000	5	1	1	1	1	
105I	811771	9	521581	6953793	CGLM	29	003	002	6	00	0	6	0	2	6	121	0	0	4800	5	1	1	1	1	UDMPS
105I	811772	9	520511	6952966	CGLM	29	008	010	6	10	0	2	0	3	6	310	0	0	4200	5	1	1	2	1	UDMPS
105I	811773	9	520511	6952966	CGLM	29	008	010	6	20	0	2	0	3	6	310	0	0	4200	5	1	1	2	1	UDMPS
105I	811774	9	520284	6953407	CGLM	29	004	005	6	00	0	2	0	2	8	120	0	0	4200	5	1	1	1	1	UDMPS
105I	811775	9	513691	6951772	CGLM	29	004	008	6	00	0	2	0	2	6	210	0	0	4100	5	1	1	1	1	UDMPS
105I	811776	9	514014	6952534	CGLM	29	002	002	6	00	0	1	0	1	8	021	0	0	4100	5	1	2	1	2	UDMPS
105I	811777	9	511707	6953449	GLAV	64	012	007	6	00	0	1	0	2	8	210	2	2	3900	5	1	1	2	1	
105I	811778	9	509205	6951905	CGLM	29	008	007	6	00	0	1	0	3	6	220	0	0	3500	5	1	1	1	1	UDMPS

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAMP MTHD	SAMP STAT	CONF	BACK NOTCH	WATR LOT	RACK TYPE	SCAT LOT	SMPL CMPL	PHYS SMPL	PROB BED	ALTD	PHYS STAT	PHYS TEXT	TYPE SEDM	CLR SEDM	SRCE SEDM	FORM NAME
105I	811779	9	510754	6947038	CGLM	29	007	005	6	00	0	1	0	2	8	220	2	2	4300	5	1	1	1	1	UDMPS
105I	811780	9	510662	6946554	CGLM	29	004	005	6	00	0	1	0	3	1	220	0	0	4300	5	1	1	1	1	UDMPS
105I	811782	9	509825	6946197	CGLM	29	003	003	6	00	0	1	0	1	6	220	0	0	4300	5	1	3	1	2	UDMPS
105I	811783	9	509044	6946744	GLAV	64	002	008	6	10	0	1	0	2	6	021	0	0	4000	5	1	1	1	1	
105I	811784	9	509044	6946744	GLAV	64	002	008	6	20	0	1	0	2	6	021	0	0	4000	5	1	1	1	1	
105I	811785	9	507741	6935434	GLAV	64	007	008	6	00	0	2	0	2	8	220	0	0	2800	5	1	1	1	1	
105I	811786	9	509618	6940870	GLAV	64	004	005	6	00	0	2	0	2	6	310	0	0	2900	5	1	1	1	1	
105I	811787	9	512715	6942888	CGLM	29	007	003	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	1	1	UDMPS
105I	811788	9	513159	6942477	CGLM	29	009	004	6	00	0	2	0	2	6	220	0	0	4000	5	1	1	1	2	UDMPS
105I	811789	9	512311	6939481	GLAV	64	004	005	6	00	0	2	0	2	6	310	0	0	3400	5	1	1	1	1	
105I	811790	9	514126	6939321	CGLM	29	005	005	6	00	0	1	0	2	6	310	0	0	3300	5	1	1	1	1	UDMPS
105I	811791	9	515230	6939467	CGLM	29	006	008	6	00	0	2	0	3	6	220	2	2	3400	5	1	1	1	1	UDMPS
105I	811792	9	518127	6943977	CGLM	29	011	005	6	00	1	1	0	1	8	310	0	0	4400	5	1	1	2	1	UDMPS
105I	811793	9	520178	6941962	CGLM	29	006	003	6	00	0	2	0	2	8	210	0	0	4100	5	1	1	1	1	UDMPS
105I	811794	9	521900	6940300	GLAV	64	010	008	6	00	0	1	0	2	8	220	0	0	4200	5	1	1	2	1	
105I	811795	9	523900	6938600	GLAV	64	008	005	6	00	0	6	0	3	8	220	0	0	4800	5	1	1	1	1	
105I	811796	9	523000	6941700	GLAV	64	004	005	6	00	0	1	0	3	6	310	0	0	3900	5	1	1	1	1	
105I	811797	9	524600	6941800	GLAV	64	009	006	6	00	0	1	0	3	6	220	0	0	3800	5	1	1	1	1	
105I	811798	9	525900	6940800	GLAV	64	005	005	6	00	0	1	0	2	8	220	0	0	3800	5	1	1	1	1	
105I	811799	9	526600	6941300	GLAV	64	004	005	6	00	0	1	0	2	8	130	0	0	3700	5	1	1	1	1	
105I	811802	9	526932	6943660	GLAV	64	010	008	6	10	0	2	2	2	6	310	0	2	4200	5	1	1	2	1	
105I	811803	9	526932	6943660	GLAV	64	010	008	6	20	0	2	2	2	6	310	0	2	4200	5	1	1	2	1	
105I	811804	9	524988	6947517	CGLM	29	006	006	6	00	0	2	2	1	8	130	0	2	4500	5	1	1	1	1	UDMPS
105I	811805	9	524919	6950781	CGLM	29	012	008	6	00	0	1	2	2	8	310	0	2	4300	5	1	1	2	1	UDMPS
105I	811806	9	526667	6950934	CGLM	29	002	003	6	00	0	1	0	2	6	310	0	0	4300	5	1	1	1	1	UDMPS
105I	811807	9	528294	6948360	CGLM	29	004	004	6	00	0	2	0	3	6	310	0	0	4900	5	1	1	1	1	UDMPS
105I	811808	9	528458	6945217	CGLM	29	004	005	6	00	0	2	0	2	6	220	0	0	3600	5	1	1	1	1	UDMPS
105I	811809	9	529910	6943072	CGLM	29	002	001	6	00	0	6	1	2	1	310	0	1	4800	5	1	2	1	2	UDMPS
105I	811810	9	532559	6946667	GLAV	64	001	001	6	00	0	1	0	1	8	220	0	0	3400	5	1	2	1	2	
105I	811811	9	533372	6947139	GLAV	64	001	001	6	00	0	1	0	1	8	220	0	0	3400	5	1	2	1	2	
105I	811813	9	535960	6946311	LMSN	13	005	003	6	00	0	6	0	3	6	310	0	0	4100	5	1	1	1	1	UEI
105I	811814	9	536407	6946493	LMSN	13	002	005	6	00	0	2	0	3	8	310	0	0	4100	5	1	1	1	1	UEI
105I	811815	9	535406	6948303	SLSN	08	001	001	6	00	0	2	0	2	8	220	0	0	3500	5	1	2	1	2	HIEPS
105I	811816	9	537332	6948526	SLSN	08	001	001	6	00	0	6	1	1	8	220	1	1	4600	5	1	2	1	2	HIEPS
105I	811817	9	539225	6949583	SLSN	08	002	003	6	00	0	2	0	2	8	310	1	1	3400	5	1	2	1	2	HIEPS
105I	811818	9	540924	6950253	DLMT	14	002	005	6	00	0	2	0	2	8	310	1	1	3400	5	1	1	1	1	UEOD1
105I	811819	9	541675	6951949	GLAV	64	006	005	6	00	0	1	1	2	1	220	1	1	3200	5	1	1	1	1	
105I	811820	9	542567	6950005	DLMT	14	007	008	6	00	0	1	0	3	6	220	0	0	3200	5	1	1	1	1	UEOD1
105I	811822	9	544355	6949553	LMSN	26	001	001	6	10	0	1	0	1	6	310	0	0	3200	5	1	2	1	2	UIDI
105I	811823	9	544355	6949553	LMSN	26	001	001	6	20	0	1	0	1	6	310	0	0	3200	5	1	2	1	2	UIDI
105I	811824	9	546524	6946995	LMSN	26	001	007	6	00	0	1	0	2	6	310	0	0	3000	5	1	1	1	1	UIDI
105I	811825	9	550384	6944775	GLAV	64	015	008	6	00	0	1	0	2	6	220	0	0	3000	5	1	1	2	1	
105I	811826	9	548047	6942108	DLMT	14	001	002	6	00	0	1	0	2	6	310	0	0	3200	5	1	2	1	2	UEOSD
105I	811827	9	547675	6942742	DLMT	14	015	008	6	00	0	2	0	3	6	310	0	0	3300	5	1	1	2	1	UEOSD
105I	811828	9	543991	6941627	LMSN	13	008	006	6	00	0	2	0	3	3	220	0	0	4100	5	1	1	1	1	UEI
105I	811830	9	544083	6941136	LMSN	13	014	008	6	00	0	2	0	3	3	220	0	0	4100	5	1	1	2	1	UEI
105I	811831	9	536038	6942589	DLMT	14	004	008	6	00	0	2	0	3	8	040	0	0	4500	5	1	1	1	1	UEOSD
105I	811832	9	535774	6942202	LMSN	24	003	004	6	00	0	6	0	3	8	310	0	0	4400	5	1	1	1	1	SDI
105I	811833	9	534502	6943555	DLMT	14	002	004	6	00	0	6	0	3	3	310	0	0	4700	5	1	2	1	2	UEOSD
105I	811834	9	533500	6940000	SHLE	25	006	003	6	00	0	1	0	2	6	310	0	0	4400	5	1	1	1	1	MUDPT

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RSST	CONT	BACK	WATE	RACE	SOIL	SMP	PPRS	PPRB	ALTD	PHYS	PATT	TYPE	CLES	SRCE	FORM NAME
105I	811835	9	533500	6940400	CGLM	29	005	003	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	1	1	UDMPS
105I	811836	9	532200	6938400	SHLE	25	005	008	6	00	0	2	0	3	6	220	0	0	4100	5	1	1	1	1	MUDPT
105I	811837	9	518679	6932916	DLMT	14	003	003	6	00	0	2	0	2	3	220	0	0	4400	5	1	2	1	2	UEOSD
105I	811838	9	518516	6933242	DLMT	14	004	008	6	00	0	1	0	1	6	130	0	0	4200	5	1	1	1	1	UEOSD
105I	811839	9	513351	6932801	GLAV	64	004	005	6	00	0	1	0	2	8	121	0	0	2700	5	1	1	1	1	
105I	811840	9	511600	6934049	GLAV	64	005	003	6	00	0	1	0	1	3	130	0	0	2700	5	1	1	1	1	
105I	811842	9	518063	6930320	GLAV	64	006	006	6	00	0	2	0	2	6	220	0	0	2550	5	1	1	2	1	
105I	811843	9	523218	6930137	DLMT	14	008	015	6	00	0	5	0	3	8	220	0	0	4450	5	1	1	2	1	UEOSD
105I	811844	9	523704	6929521	DLMT	14	008	009	6	10	0	2	0	2	8	220	0	0	3700	5	1	1	2	1	UEOSD
105I	811845	9	523704	6929521	DLMT	14	008	009	6	20	0	2	0	2	8	220	0	0	3700	5	1	1	2	1	UEOSD
105I	811846	9	524475	6927496	CGLM	29	007	010	6	00	0	2	0	2	8	220	0	0	3550	5	1	1	2	1	UDMPS
105I	811847	9	525197	6926777	CGLM	29	012	015	6	00	0	2	0	2	6	220	0	0	3300	5	1	1	2	1	UDMPS
105I	811848	9	528466	6927729	DLMT	14	003	005	6	00	0	2	0	2	8	310	0	0	4550	5	1	1	1	1	UEOSD
105I	811849	9	528194	6928081	DLMT	14	010	012	6	00	0	2	0	3	8	220	0	0	4400	5	1	1	2	1	UEOSD
105I	811850	9	529749	6934896	LMSN	12	010	010	6	00	0	2	0	2	8	310	0	0	4750	5	1	1	2	1	MEI
105I	811851	9	530316	6934866	LMSN	12	009	010	6	00	0	2	0	2	8	220	0	0	4750	5	1	1	1	1	MEI
105I	811852	9	533819	6932611	DLMT	14	005	007	6	00	0	2	0	2	8	130	0	0	4700	5	1	1	1	1	UEOSD
105I	811853	9	534244	6932366	DLMT	14	010	008	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	2	1	UEOSD
105I	811854	9	535514	6933574	DLMT	14	005	007	6	00	0	2	0	2	8	220	0	0	4250	5	1	1	1	1	UEOSD
105I	811855	9	534604	6935773	DLMT	14	006	005	6	00	0	2	0	2	6	220	0	0	4650	5	1	1	1	1	UEOSD
105I	811856	9	535237	6936144	DLMT	14	003	010	6	00	0	2	0	2	8	220	0	0	4650	5	1	1	1	1	UEOSD
105I	811857	9	537874	6933914	DLMT	14	007	005	6	00	0	6	0	2	6	310	0	0	4000	5	1	1	1	1	UEOSD
105I	811858	9	538783	6934545	DLMT	14	004	004	6	00	0	2	0	2	6	310	0	0	3950	5	1	1	1	1	UEOSD
105I	811859	9	540814	6933294	DLMT	14	006	005	6	00	0	6	0	2	6	310	0	0	3850	5	1	1	2	1	UEOSD
105I	811862	9	540457	6932252	DLMT	14	005	008	6	00	0	5	0	2	6	220	1	0	3850	5	1	1	1	1	UEOSD
105I	811863	9	544206	6932505	DLMT	14	010	009	6	00	0	6	0	2	8	310	0	0	3500	5	1	1	1	1	UEOSD
105I	811864	9	544382	6931261	DLMT	14	008	010	6	00	0	6	0	2	6	220	0	0	3450	5	1	1	2	1	UEOSD
105I	811865	9	547918	6932065	LMSN	13	005	008	6	00	0	6	0	2	6	220	0	0	3200	5	1	1	1	1	UEI
105I	811866	9	547383	6933088	LMSN	13	010	005	6	10	0	5	0	2	6	220	0	0	3200	5	1	1	2	1	UEI
105I	811867	9	547383	6933088	LMSN	13	010	005	6	20	0	5	0	2	6	220	0	0	3200	5	1	1	2	1	UEI
105I	811868	9	550658	6935901	DLMT	14	012	009	6	00	0	0	0	2	6	220	0	0	3100	5	1	1	2	1	UEOSD
105I	811869	9	550581	6932894	LMSN	24	001	002	6	00	0	2	0	2	6	220	0	0	2850	5	1	1	1	1	SDI
105I	811870	9	549171	6929723	DLMT	14	002	003	6	00	0	2	0	2	6	310	0	0	4000	5	1	1	1	1	UEOSD
105I	811872	9	549999	6929577	DLMT	14	001	002	6	00	0	2	0	2	6	310	0	0	3900	5	1	1	1	1	UEOSD
105I	811873	9	549318	6923929	DLMT	12	008	010	6	00	0	6	0	2	6	220	0	0	4000	5	1	1	2	1	MED
105I	811874	9	550610	6922575	DLMT	12	005	007	6	00	0	2	0	2	8	310	0	0	4750	5	1	1	1	1	MED
105I	811875	9	545738	6922214	DLMT	12	008	006	6	00	0	5	0	2	8	310	4	0	4400	5	1	1	2	1	MED
105I	811876	9	544950	6922481	LMSN	12	020	015	6	00	0	2	0	2	8	220	0	0	4500	5	1	1	2	1	MEI
105I	811877	9	546437	6924778	DLMT	14	008	009	6	00	0	2	0	2	8	030	0	0	5200	5	1	1	1	1	UEOSD
105I	811878	9	546442	6925492	DLMT	14	002	005	6	00	0	5	0	2	8	220	0	0	5200	5	1	1	1	1	UEOSD
105I	811879	9	543100	6929200	DLMT	14	008	009	6	00	0	1	0	2	8	220	0	0	4700	5	1	1	2	1	UEOSD
105I	811880	9	541600	6928500	LMSN	12	010	010	6	00	0	5	0	2	8	220	0	0	3800	5	1	1	2	1	MEI
105I	811882	9	538488	6927339	DLMT	11	008	011	6	00	0	6	0	2	8	220	0	0	4650	5	1	1	2	1	IEIDS
105I	811883	9	537867	6927917	DLMT	11	010	020	6	00	0	2	0	2	8	310	0	0	4550	5	1	1	2	1	IEIDS
105I	811884	9	532809	6923370	DLMT	11	012	010	6	00	0	1	0	2	8	220	0	0	4450	5	1	1	2	1	IEIDS
105I	811885	9	532704	6923754	DLMT	11	020	015	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	2	1	IEIDS
105I	811886	9	530429	6921883	DLMT	14	010	020	6	00	0	1	0	2	8	220	0	0	3500	5	1	1	3	1	UEOSD
105I	811888	9	528163	6922352	GLAV	64	006	010	6	00	0	2	0	2	6	310	0	0	2600	5	1	1	1	1	
105I	811889	9	527232	6921160	GLAV	64	004	008	6	00	0	2	0	2	3	220	0	0	2650	5	1	1	1	1	
105I	811890	9	526783	6921813	GLAV	64	001	003	6	10	0	7	0	1	6	220	0	0	2600	5	1	1	1	1	

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP METH	RS TYP	CONST	BACK	WATR LVL	RACT	SOIL	SMP CMP	PREP SMP	PREP BAT	ALTD	PHYS SYS	PHYS TYP	PHYS EST	CLR EST	SRC EST	FORM NAME
105I	811891	9	526783	6921813	GLAV	64	001	003	6	20	0	7	0	1	6	220	0	0	2600	5	1	1	1	1	
105I	811892	9	527520	6910610	SLTE	08	008	005	6	00	0	2	0	2	8	310	0	0	4300	5	1	1	1	1	HIEPS
105I	811893	9	527585	6909807	SLTE	08	010	080	6	00	0	2	0	2	6	310	0	0	3700	5	1	1	2	1	HIEPS
105I	811894	9	528984	6911390	SLTE	08	008	005	6	00	0	2	0	3	6	310	0	0	4200	5	1	1	1	1	HIEPS
105I	811895	9	529532	6910341	SLTE	08	005	006	6	00	0	2	0	3	6	310	0	0	4550	5	1	1	1	1	HIEPS
105I	811896	9	531640	6913067	CGLM	29	006	010	6	00	0	2	0	2	6	310	0	0	2850	5	1	1	2	1	UDMPS
105I	811897	9	532947	6912121	LMSN	14	005	006	6	00	0	2	0	3	6	310	0	0	3900	5	1	1	1	1	UEOI
105I	811898	9	533516	6912435	LMSN	14	006	008	6	00	0	2	0	3	6	310	0	0	4000	5	1	1	2	1	UEOI
105I	811899	9	535763	6913088	DLMT	14	002	005	6	00	0	6	0	3	6	310	0	0	3850	5	1	1	1	1	UEOD
105I	811900	9	537817	6913342	DLMT	14	002	003	6	00	0	1	0	2	8	310	0	0	2500	5	1	1	1	1	UEOD
105I	811902	9	538913	6910408	DLMT	14	002	003	6	00	0	1	0	2	6	310	0	0	2550	5	1	1	1	1	UEOD
105I	811903	9	537720	6908161	LMSN	14	004	005	6	00	0	1	0	2	6	220	0	0	2800	5	1	1	1	1	UEOI
105I	811904	9	535762	6907021	SLSN	08	004	010	6	00	0	2	0	3	6	220	0	0	2800	5	1	1	1	1	HIEPS
105I	811905	9	543056	6899761	LMSN	14	020	015	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	2	1	UEOI
105I	811906	9	543642	6899630	LMSN	14	030	013	6	10	0	2	0	2	6	310	0	0	4200	5	1	1	2	1	UEOI
105I	811907	9	543642	6899630	LMSN	14	030	013	6	20	0	2	0	2	6	310	0	0	4200	5	1	1	2	1	UEOI
105I	811908	9	543657	6900063	LMSN	14	001	003	6	00	0	1	0	2	6	310	0	0	4250	5	1	1	1	1	UEOI
105I	811909	9	540324	6902030	DLMT	14	007	008	6	00	0	1	0	2	6	220	0	0	3000	5	1	1	1	1	UEOI
105I	811910	9	539154	6903294	SLSN	08			1	00	0	2			6	310	0	0	3000	5	1	2	0		HIEPS
105I	811911	9	538148	6904474	SLSN	08			1	00	0	2			8	310	0	0	4600	5	1	2	0		HIEPS
105I	811912	9	539051	6905181	SLSN	08			1	00	0	2			6	310	0	0	3500	5	1	2	0		HIEPS
105I	811913	9	538620	6908467	LMSN	14	001	003	6	00	0	1	0	2	6	310	0	0	2900	5	1	1	1	1	UEOI
105I	811914	9	541211	6910979	SHLE	19	001	002	6	00	0	5	0	2	8	310	0	0	3000	5	1	1	1	1	OSPT
105I	811915	9	543115	6906797	DLMT	14	005	007	6	00	0	2	0	2	6	220	0	0	3200	5	1	1	2	1	UEOD
105I	811916	9	543312	6904801	SLSN	08	004	008	6	00	0	2	0	2	6	310	0	0	3500	5	1	1	1	1	HIEPS
105I	811917	9	544119	6904451	LMSN	14	020	020	6	00	0	2	0	3	8	310	0	0	3600	4	1	1	2	1	UEOI
105I	811919	9	544480	6905079	LMSN	14	006	010	6	00	0	2	0	3	6	310	0	0	3750	4	1	1	1	1	UEOI
105I	811920	9	544158	6907554	SHLE	19	004	005	6	00	0	1	0	2	6	310	4	0	2950	5	1	1	1	1	OSPT
105I	811922	9	545217	6910612	GLAV	64	006	008	6	00	0	2	0	2	6	310	0	0	2300	5	1	1	1	1	
105I	811923	9	549012	6908100	CGLM	29	006	005	6	00	0	2	0	2	6	310	0	0	4300	5	1	1	1	1	UDMPS
105I	811924	9	549694	6908146	CGLM	29	008	015	6	10	0	1	0	2	6	310	0	0	4250	5	1	1	1	1	UDMPS
105I	811925	9	549694	6908146	CGLM	29	008	015	6	20	0	1	0	2	6	310	0	0	4250	5	1	1	1	1	UDMPS
105I	811926	9	549107	6911942	DLMT	11	010	020	6	00	0	2	3	2	3	030	0	0	2300	5	1	1	2	1	IEIDS
105I	811927	9	551066	6913362	GLAV	64	009	008	6	00	0	2	0	2	6	310	0	0	2300	5	1	1	1	1	
105I	811929	9	551299	6917860	SLSN	08	007	005	6	00	0	6	0	1	8	310	0	0	4150	5	1	1	1	1	HIEPS
105I	811930	9	550664	6916189	SLSN	08	010	010	6	00	0	2	0	2	8	220	0	0	4000	5	1	1	1	1	HIEPS
105I	811931	9	547632	6913450	SLSN	08	004	008	6	00	0	2	0	3	8	220	0	0	4100	5	1	1	1	1	HIEPS
105I	811932	9	545376	6912555	DLMT	12	005	008	6	00	0	2	0	2	8	310	0	0	2250	5	1	1	1	1	MED
105I	811933	9	542692	6912402	DLMT	14			1	00	0	1			8	220	0	0	3000	5	1	0	0		UEOSD
105I	811934	9	541498	6912952	DLMT	14	005	020	6	00	0	7	0	1	3	031	0	0	2300	5	1	1	1	1	UEOSD
105I	811935	9	540596	6913481	DLMT	14	008	009	6	00	0	1	0	2	8	310	0	0	2550	5	1	1	1	1	UEOSD
105I	811936	9	538036	6914755	GLAV	64	006	006	6	00	0	2	0	2	8	310	0	0	2300	5	1	1	1	1	
105I	811937	9	538529	6920972	SLSN	08	005	007	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	HIEPS
105I	811938	9	538122	6921064	SLSN	08	006	008	6	00	0	2	0	2	8	220	0	0	4700	5	1	1	1	1	HIEPS
105I	811939	9	536145	6916935	DLMT	14	015	012	6	00	0	1	0	2	8	310	0	0	2300	5	1	1	2	1	UEOSD
105I	811940	9	512284	6916652	SHLE	19	007	008	6	00	0	1	0	2	3	130	0	0	3200	5	1	1	1	1	OSPT
105I	811942	9	515524	6917081	SLSN	08	013	010	6	00	0	2	0	3	6	220	0	0	3500	5	1	1	2	1	HIEPS
105I	811943	9	515033	6916103	SHLE	19	002	003	6	00	0	6	0	2	8	220	0	0	4000	5	1	2	1	2	OSPT
105I	811944	9	517435	6914958	LMSN	14	002	004	6	10	4	1	0	2	6	220	0	0	3800	5	1	2	1	4	UEOI
105I	811945	9	517435	6914958	LMSN	14	002	004	6	20	4	1	0	2	6	220	0	0	3800	5	1	2	1	4	UEOI

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAMP MTHD	SAMP STAT	COND TYPE	BACK NOTE	WATR LEVL	RACT EFFC	SOIL COLR	SMP CMPL	PREP SIZE	PREP BULB	ALTD	PHYS STAT	PHYS TEXT	TYPE EFFC	CLR SIZE	SRCE CODE	FORM NAME
105I	811946	9	517310	6914366	SLSN	08			1	00	0	6			8	220	0	0	4200	5	1	2	1		HIEPS
105I	811947	9	519288	6913734	SLSN	08	008	003	6	00	4	1	0	2	6	310	0	0	4000	5	1	1	1	1	HIEPS
105I	811948	9	520246	6913141	SLSN	08	002	005	6	00	4	1	0	2	3	220	0	0	4200	5	1	1	1	1	HIEPS
105I	811949	9	519662	6912431	SLSN	08	003	003	6	00	0	2	0	3	3	310	0	0	4200	5	1	1	1	1	HIEPS
105I	811950	9	520319	6912561	SLSN	08	010	008	6	00	4	1	0	2	8	220	0	0	4300	5	1	1	2	1	HIEPS
105I	811951	9	525996	6915401	CGLM	29	008	006	6	00	0	6	0	3	6	220	0	0	4000	5	1	1	1	1	UDMPS
105I	811952	9	525547	6915889	CGLM	29	009	006	6	00	0	6	0	3	6	310	0	0	4000	5	1	1	2	1	UDMPS
105I	811953	9	526178	6916917	CGLM	29	005	005	6	00	0	6	0	2	6	220	0	0	4400	5	1	1	1	1	UDMPS
105I	811954	9	530643	6918491	GLAV	64	010	010	6	00	0	1	0	2	3	220	0	0	2400	5	1	1	2	1	
105I	811955	9	531846	6917354	GLAV	64	001	002	6	00	0	1	0	2	6	310	0	0	2400	5	1	1	1	1	
105I	811956	9	532656	6916450	CGLM	29	004	003	6	00	0	2	0	2	6	220	0	0	3200	5	1	1	1	1	UDMPS
105I	811957	9	534209	6918039	DLMT	14	004	005	6	00	0	6	0	3	8	310	0	0	4200	5	1	1	1	1	UEOSD
105I	811958	9	532637	6919369	GLAV	64			1	00	0	1			6	310	0	0	2400	5	1	2	1		
105I	811960	9	527589	6919252	CGLM	29	006	002	6	00	0	6	0	2	6	220	0	0	3400	5	1	1	1	1	UDMPS
105I	811962	9	520879	6917394	CGLM	29	006	005	6	00	0	6	0	3	6	220	0	0	4900	5	1	1	1	1	UDMPS
105I	811964	9	520890	6918057	GLAV	64	005	005	6	00	0	2	0	3	6	220	0	0	4900	5	1	1	1	1	
105I	811965	9	521918	6921383	GLAV	64	008	008	6	00	0	6	0	3	6	220	0	0	4100	5	1	1	1	1	
105I	811966	9	521322	6921776	GLAV	64	003	003	6	00	0	6	0	2	1	310	1	1	4500	5	1	2	1	2	
105I	811967	9	520888	6922760	GLAV	64	003	005	6	00	0	2	0	2	6	310	0	0	3800	5	1	1	1	1	
105I	811968	9	520228	6924065	GLAV	64	006	005	6	00	0	6	0	2	6	310	1	1	3900	5	1	1	1	1	
105I	811969	9	518248	6920510	CGLM	29	006	004	6	00	0	5	0	2	6	310	0	0	4500	5	1	1	1	1	UDMPS
105I	811970	9	517558	6920273	CGLM	29	005	005	6	00	0	6	0	2	1	310	0	0	4500	5	1	1	1	1	UDMPS
105I	811971	9	515303	6921283	CGLM	29	001	001	6	00	0	2	0	2	6	310	1	1	3900	5	1	2	1	2	UDMPS
105I	811972	9	516811	6925899	CGLM	29	004	006	6	00	0	1	0	2	8	220	0	0	3000	5	1	1	1	1	UDMPS
105I	811973	9	514358	6925929	CGLM	29			1	00	0	1			6	220	0	0	2600	5	1	2	1		UDMPS
105I	811974	9	513808	6926641	GLAV	64	006	005	6	10	0	1	0	2	6	310	0	0	2600	5	1	1	1	1	
105I	811975	9	513808	6926641	GLAV	64	006	005	6	20	0	1	0	2	6	310	0	0	2600	5	1	1	1	1	
105I	811976	9	508586	6913377	GLAV	64	005	005	6	00	0	2	0	2	3	220	0	0	3000	5	1	1	1	1	
105I	811977	9	509083	6909441	GLAV	64	007	010	6	00	0	1	0	2	6	220	0	0	3100	5	1	1	1	1	
105I	811978	9	508848	6906651	SLSN	08	003	005	6	00	0	2	0	2	6	220	0	0	3200	5	1	1	1	1	HIEPS
105I	811979	9	507953	6904267	LMSN	14	008	010	6	00	0	2	0	2	6	220	0	0	3350	5	1	1	1	1	UEIOI
105I	811980	9	511760	6903641	SLSN	08	005	007	6	00	0	2	0	2	6	310	0	0	4200	5	1	1	1	1	HIEPS
105I	813002	9	511429	6904714	SLSN	08			1	00	0	2			6	310	0	0	4200	5	1	2	0		HIEPS
105I	813003	9	513707	6908108	SLSN	08	006	005	6	00	0	2	0	2	6	310	0	0	3650	5	1	1	1	1	HIEPS
105I	813004	9	514758	6907011	SLSN	08	005	005	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	1	1	HIEPS
105I	813005	9	514860	6905092	SLSN	08	003	005	6	00	0	2	0	2	8	310	0	0	3850	5	1	1	1	1	HIEPS
105I	813006	9	515406	6904795	SLSN	08	005	008	6	00	0	1	0	2	1	310	1	0	3850	5	1	1	1	1	HIEPS
105I	813007	9	515890	6902796	GLAV	64	005	005	6	00	0	2	0	2	6	310	4	0	4150	5	1	1	1	1	
105I	813008	9	516548	6902046	GLAV	64	004	008	6	00	0	2	0	2	8	220	0	0	4300	5	1	1	1	1	
105I	813009	9	517186	6902131	GLAV	64	004	008	6	00	0	2	0	2	8	220	0	0	4250	5	1	1	1	1	
105I	813010	9	513185	6895429	GLAV	64	008	007	6	10	0	1	0	2	6	220	0	0	3400	5	1	1	1	1	
105I	813011	9	513185	6895429	GLAV	64	008	007	6	20	0	1	0	2	6	220	0	0	3400	5	1	1	1	1	
105I	813012	9	517054	6894649	LMSN	14	002	003	6	00	0	2	0	2	6	220	0	0	3600	5	1	1	1	1	UEIOI
105I	813013	9	517748	6893459	GLAV	64	008	009	6	00	1	2	0	2	6	310	0	0	3600	5	1	1	1	1	
105I	813014	9	519912	6894081	GLAV	64	020	005	6	00	0	2	0	2	8	220	0	0	3600	5	1	1	2	1	
105I	813015	9	520716	6892252	GLAV	64	005	008	6	00	1	2	0	2	8	220	0	0	3700	5	1	1	1	1	
105I	813017	9	524291	6891239	GLAV	64	006	004	6	00	0	2	0	2	8	220	0	0	3750	5	1	1	1	1	
105I	813018	9	538079	6878070	SLSN	08	007	015	6	00	1	1	0	2	8	220	0	0	3900	5	1	1	1	1	HIEPS
105I	813019	9	538734	6877001	SLSN	08	006	010	6	00	1	1	0	2	6	220	0	0	3900	5	1	1	1	1	HIEPS
105I	813020	9	539183	6877342	SLSN	08	007	015	6	00	1	1	0	2	6	220	0	0	3900	5	1	1	2	1	HIEPS

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DT	SAM P	COND ST	CBAN T	BACK K	WACO L	RACE E	SCOL L	SMP CMP	PPRS S	PPRB B	ALTD	PHYS S	PAYT T	TYPE E	CLSE E	SRCE E	FORM NAME
105I	813022	9	543238	6878664	SLSN	08	007	008	6	00	0	2	0	2	6	220	0	0	4900	5	1	1	1	1	HIEPS
105I	813023	9	543730	6878922	SLSN	08	010	013	6	00	0	1	0	2	6	220	0	0	4900	5	1	1	2	1	HIEPS
105I	813025	9	549615	6880257	LMSN	14	008	010	6	10	0	4	3	2	6	220	0	0	5000	5	1	1	1	4	UEIOI
105I	813026	9	549615	6880257	LMSN	14	008	010	6	20	0	4	3	2	6	220	0	0	5000	5	1	1	1	4	UEIOI
105I	813027	9	550962	6880598	LMSN	14	007	008	6	00	0	1	0	2	8	220	0	0	4400	5	1	1	1	1	UEIOI
105I	813028	9	550022	6881083	LMSN	14	008	010	6	00	0	2	0	2	8	310	0	0	4500	5	1	1	1	1	UEIOI
105I	813029	9	547296	6881465	SLSN	08	010	010	6	00	0	2	0	2	8	310	0	0	5150	5	1	1	2	1	HIEPS
105I	813030	9	547891	6881812	LMSN	14	002	003	6	00	0	2	0	2	6	220	0	0	5250	5	1	1	1	1	UEIOI
105I	813031	9	543538	6883710	SLSN	08	018	004	6	00	0	2	0	2	8	220	3	0	5000	5	1	1	1	1	HIEPS
105I	813032	9	543465	6883258	SLSN	08	020	008	6	00	0	2	0	2	6	220	3	0	4950	5	1	1	2	1	HIEPS
105I	813033	9	542683	6883410	SLSN	08	004	008	6	00	0	1	0	2	8	310	0	0	4800	5	1	1	1	1	HIEPS
105I	813034	9	540928	6884984	SLSN	08	007	012	6	00	0	2	0	2	6	310	0	0	4700	5	1	1	1	1	HIEPS
105I	813035	9	537927	6885145	SLSN	08	005	010	6	00	0	1	0	2	8	220	0	0	4300	5	1	3	1	1	HIEPS
105I	813036	9	537049	6886324	SLSN	08	004	005	6	00	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	HIEPS
105I	813037	9	535962	6885835	SLSN	08	002	003	6	00	0	2	0	2	8	220	0	0	4250	5	1	1	1	1	HIEPS
105I	813038	9	534705	6887571	GLAV	64	006	005	6	00	0	1	0	2	6	310	0	0	4150	5	1	1	1	1	
105I	813039	9	530963	6888248	GLAV	64			1	00	0	1			8	220	0	0	4800	5	1	2	0		
105I	813040	9	531869	6889522	SLSN	08	004	004	6	00	0	1	0	2	8	310	0	0	4400	5	1	1	1	1	HIEPS
105I	813042	9	532557	6889415	GLAV	64	020	015	6	00	0	2	0	2	6	310	0	0	4300	5	1	1	2	1	
105I	813043	9	529890	6892799	SLSN	08	015	009	6	00	0	1	0	2	8	310	0	0	4350	5	1	1	1	1	HIEPS
105I	813044	9	514525	6913341	SLSN	08			1	00	0	2			8	220	0	0	4700	5	1	2	1		HIEPS
105I	813045	9	516023	6911527	SLSN	08			1	00	0	1			8	310	0	0	4100	5	1	2	1		HIEPS
105I	813046	9	519208	6909395	SLSN	08	004	005	6	10	0	1	0	2	8	220	0	0	4600	5	1	1	1	1	HIEPS
105I	813048	9	519208	6909395	SLSN	08	004	005	6	20	0	1	0	2	8	220	0	0	4600	5	1	1	1	1	HIEPS
105I	813049	9	519084	6908930	SLSN	08	002	008	6	00	0	1	0	2	6	130	0	0	4600	5	1	1	1	1	HIEPS
105I	813050	9	522487	6905962	SLSN	08	005	005	6	00	0	1	0	2	6	310	0	0	4700	5	1	1	1	1	HIEPS
105I	813051	9	525371	6904526	SLSN	08	008	005	6	00	0	1	0	2	8	310	0	0	3300	5	1	1	2	1	HIEPS
105I	813052	9	527244	6905412	SLSN	08			1	00	0	6			8	013	2	2	4200	5	1	2	1		HIEPS
105I	813053	9	525053	6902699	SLSN	08	006	005	6	00	0	1	0	2	6	310	0	0	3300	5	1	1	1	1	HIEPS
105I	813054	9	521458	6902508	SLSN	08	004	005	6	00	0	2	0	2	8	220	0	0	4200	5	1	1	1	1	HIEPS
105I	813055	9	522319	6900718	GLAV	64	003	003	6	00	0	2	0	2	3	220	0	0	4000	5	1	1	1	1	
105I	813056	9	523703	6900778	GLAV	64	002	007	6	00	0	1	0	2	8	220	0	0	3800	5	1	1	1	1	
105I	813057	9	524257	6900742	GLAV	64	002	007	6	00	0	1	0	2	3	130	0	0	3800	5	1	1	1	1	
105I	813058	9	527806	6894783	SLSN	08	005	005	6	00	0	1	0	2	6	310	0	0	4300	5	1	1	1	1	HIEPS
105I	813059	9	532548	6893883	SLSN	08	007	006	6	00	0	1	0	2	8	220	0	0	4700	5	1	1	1	1	HIEPS
105I	813060	9	532341	6894490	SLSN	08	003	005	6	00	0	1	0	2	8	121	0	0	4700	5	1	1	1	1	HIEPS
105I	813062	9	535094	6899282	SLSN	08	006	002	6	00	0	1	0	2	6	310	0	0	3100	5	1	1	1	1	HIEPS
105I	813063	9	536354	6898082	SLSN	08	004	005	6	00	0	1	0	1	6	310	0	0	3100	5	1	1	1	1	HIEPS
105I	813064	9	537308	6898693	SLSN	08			1	00	0	6			8	220	0	0	3900	5	1	2	1		HIEPS
105I	813065	9	537509	6897289	SLSN	08	005	005	6	10	0	1	0	3	6	310	0	0	3200	5	1	1	1	1	HIEPS
105I	813066	9	537509	6897289	SLSN	08	005	005	6	20	0	1	0	3	6	310	0	0	3200	5	1	1	1	1	HIEPS
105I	813067	9	538245	6896825	SLSN	08	010	008	6	00	0	1	0	2	6	310	0	0	3200	5	1	1	2	1	HIEPS
105I	813068	9	539838	6895788	SLSN	08	008	008	6	00	0	2	0	3	8	220	0	0	3500	5	1	1	1	1	HIEPS
105I	813069	9	541684	6894532	SLSN	08	020	010	6	00	0	6	0	3	6	310	0	0	3800	5	1	1	2	1	HIEPS
105I	813070	9	543377	6893201	SLSN	08	010	010	6	00	0	1	0	3	6	310	0	0	3900	5	1	1	2	1	HIEPS
105I	813071	9	547287	6891816	SLSN	08			1	00	0	6			6	310	0	0	5100	5	1	2	1		HIEPS
105I	813072	9	548012	6889624	DLMT	12	020	008	6	00	0	1	3	2	6	310	0	0	5000	5	1	1	1	4	IEIDS
105I	813073	9	547653	6889270	QZMZ	52	010	010	6	00	0	1	3	2	6	310	0	0	5000	5	1	1	1	4	KQM
105I	813075	9	534259	6903227	SLSN	08			1	00	0	2			6	310	0	0	3000	5	1	2	1		HIEPS
105I	813076	9	533939	6905033	SLSN	08	007	006	6	00	0	2	0	3	8	220	0	0	3000	5	1	1	1	1	HIEPS

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP ST	SAMP TYP	BACK NOT	WATR LOT	RSAC TEX	SACC OLL	SMP CMP	PREP SMP	PREP BAT	ALTD	PHYS STR	PHYS TEX	TYPE EXT	CLR EXT	SRCE CDE	FORM NAME
105I	813077	9	533211	6903757	SLSN	08	006	005	6	00	0	1	0	2	6	220	0	0	3000	5	1	1	1	1	HIEPS
105I	813078	9	533256	6902864	SLSN	08	005	003	6	00	0	1	0	2	6	310	0	0	3000	5	1	1	1	1	HIEPS
105I	813079	9	532289	6902094	SLSN	08	006	005	6	00	0	2	0	3	8	220	0	0	3700	5	1	1	1	1	HIEPS
105I	813080	9	530818	6900320	SLSN	08	005	004	6	00	0	1	0	2	6	310	0	0	4200	5	1	1	1	1	HIEPS
105I	813082	9	529332	6899113	SLSN	08	008	005	6	00	0	1	0	2	6	310	0	0	4300	5	1	1	1	1	HIEPS
105I	813083	9	527891	6885325	GLAV	64	005	005	6	00	0	1	0	2	6	220	0	0	3800	5	1	1	1	1	
105I	813084	9	529173	6883461	LMSN	14	004	005	6	00	0	1	0	2	6	220	0	0	4800	5	1	1	1	1	UEIOI
105I	813085	9	530940	6883799	GLAV	64	004	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	813086	9	531339	6883452	GLAV	64	005	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	813087	9	530413	6882101	GLAV	64	004	005	6	00	0	1	0	2	6	310	0	0	3800	5	1	1	1	1	
105I	813088	9	532253	6880807	GLAV	64	003	005	6	00	0	2	0	2	6	130	0	0	4000	5	1	1	1	1	
105I	813089	9	531621	6879703	SHLE	19	004	004	6	00	0	1	0	2	6	220	0	0	3900	5	1	1	1	1	OSPT
105I	813090	9	533301	6879327	SHLE	19	006	008	6	10	0	2	0	3	8	220	0	1	4200	5	1	1	1	1	OSPT
105I	813092	9	533301	6879327	SHLE	19	006	008	6	20	0	2	0	3	8	220	0	1	4200	5	1	1	1	1	OSPT
105I	813093	9	534926	6878296	SHLE	19			1	00	0	2			8	220	0	0	4250	5	1	2	1		OSPT
105I	813094	9	524934	6885218	GLAV	64	006	003	6	00	0	1	0	1	8	130	0	0	4300	5	1	1	1	1	
105I	813095	9	522647	6885388	GLAV	64	003	003	6	00	0	1	0	2	6	310	0	0	4300	5	1	1	1	1	
105I	813096	9	518170	6883966	GLAV	64	006	004	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	1	1	
105I	813097	9	517787	6883746	GLAV	64	004	004	6	00	0	1	0	1	8	130	0	0	4400	5	1	1	1	1	
105I	813098	9	511453	6882962	GLAV	64	003	005	6	00	0	1	0	1	6	220	0	0	4550	5	1	1	1	1	
105I	813099	9	510972	6883495	GLAV	64	004	005	6	00	0	1	0	2	6	220	0	0	4550	5	1	1	1	1	
105I	813100	9	505681	6883175	GLAV	64	004	040	6	00	0	7	0	1	1	130	0	0	4100	5	1	1	1	1	
105I	813102	9	505102	6883256	GLAV	64	003	002	6	00	0	1	0	1	3	130	0	0	4200	5	1	1	1	1	
105I	813103	9	502049	6882309	SLTE	08	010	006	6	10	0	1	0	2	6	310	0	0	4200	5	1	1	1	1	HIEP
105I	813104	9	502049	6882309	SLTE	08	010	006	6	20	0	1	0	2	6	310	0	0	4200	5	1	1	1	1	HIEP
105I	813105	9	501589	6880183	GLAV	64	010	010	6	00	0	1	0	2	6	310	0	0	4200	5	1	1	2	1	
105I	813106	9	503905	6880460	ARNT	07	006	003	6	00	0	1	0	1	6	310	0	0	4000	5	1	1	1	1	HSP
105I	813107	9	505059	6879617	ARNT	07	008	007	6	00	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	HSP
105I	813108	9	505836	6878547	ARNT	07	005	005	6	00	0	2	0	2	6	310	0	0	4100	5	1	1	1	1	HSP
105I	813109	9	506678	6877764	ARNT	07	006	005	6	00	0	2	0	3	6	220	0	2	4100	5	1	1	1	1	HSP
105I	813110	9	509735	6874440	GLAV	64	008	005	6	00	0	1	0	2	6	130	0	0	4000	5	1	1	1	1	
105I	813111	9	510390	6875252	ARNT	07	005	007	6	00	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	HSP
105I	813112	9	508531	6877489	GLAV	64	008	003	6	00	0	1	0	2	6	220	0	0	4000	5	1	1	1	1	
105I	813113	9	514035	6883059	GLAV	64	008	005	6	00	0	1	0	2	8	220	0	0	4450	5	1	1	1	1	
105I	813114	9	514492	6882724	GLAV	64	004	002	6	00	0	1	0	2	6	310	0	0	4500	5	1	1	1	1	
105I	813115	9	515729	6880975	SLTE	08	004	008	6	00	0	1	3	2	6	220	0	0	4500	5	1	1	1	4	HIEP
105I	813117	9	516214	6880972	SLTE	08	002	008	6	00	0	1	0	2	6	220	0	0	4500	5	1	1	1	1	HIEP
105I	813118	9	522084	6881153	GLAV	64	004	005	6	00	0	2	0	2	6	220	0	0	4250	5	1	1	1	1	
105I	813119	9	520411	6877730	SLTE	08	005	003	6	00	0	2	0	2	6	220	0	0	4250	5	1	1	1	1	HIEP
105I	813120	9	518464	6876214	ARNT	07	006	005	6	00	0	1	0	2	6	220	0	0	4400	5	1	1	1	1	HSP
105I	813122	9	519565	6875920	ARNT	07	004	005	6	00	0	1	0	2	6	220	0	0	4400	5	1	1	1	1	HSP
105I	813123	9	523355	6876664	GLAV	64	003	005	6	00	0	2	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	813124	9	523704	6875406	GLAV	64	005	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	813125	9	527405	6877241	SLSN	08	005	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	HIEPS
105I	813126	9	527600	6876850	GLAV	64	008	005	6	00	0	1	0	2	6	220	0	0	4200	5	1	1	1	1	
105I	813127	9	528755	6876026	SLSN	08	005	005	6	00	0	1	0	2	6	220	0	0	4300	5	1	1	1	1	HIEPS
105I	813128	9	529057	6876464	SLSN	08	005	005	6	00	0	1	0	2	8	130	0	0	4300	5	1	1	1	1	HIEPS
105I	813129	9	497782	6916117	GLAV	64	006	005	6	00	0	2	0	2	6	310	0	0	3800	5	1	1	1	4	
105I	813130	9	497411	6914794	GLAV	64	002	003	6	00	0	2	0	3	6	310	0	0	3400	5	1	1	1	1	
105I	813131	9	496543	6912710	SLTE	08	004	002	6	00	0	6	0	2	6	220	0	0	4250	5	1	2	1	2	HIEP

MAP	SAMPLE	ZN	UTM COORDINATES EAST	NORTH	ROCK TYPE	AGE	WD	DT	SAMP	RS	CONT	BACK	WACT	RATO	SCLO	SMP	PPRS	PPRB	ALTD	PHYS	PATS	TYPE	CLAS	SREC	FORM NAME
105I	813132	9	497373	6911927	SLTE	08	005	006	6	00	0	2	0	2	6	120	0	0	4300	5	1	1	1	1	HIEP
105I	813133	9	497909	6911980	SLTE	08	005	004	6	00	0	2	0	2	6	310	0	0	4200	5	1	1	1	1	HIEP
105I	813134	9	483781	6897358	ARNT	07	012	006	6	10	0	1	0	3	8	220	0	0	4600	5	1	1	2	1	HSP
105I	813135	9	483781	6897358	ARNT	07	012	006	6	20	0	1	0	3	8	220	0	0	4600	5	1	1	2	1	HSP
105I	813136	9	501697	6892776	ARNT	07	006	004	6	00	0	1	0	2	8	220	0	0	4300	5	1	1	1	1	HSP
105I	813137	9	501264	6891951	GLAV	64	006	004	6	00	0	1	0	2	8	310	0	0	4300	5	1	1	1	1	
105I	813138	9	503317	6891095	SLTE	08	005	003	6	00	0	1	0	2	6	310	0	0	4200	5	1	1	1	1	HIEP
105I	813140	9	504105	6891784	ARNT	07	004	005	6	00	0	1	0	2	8	021	0	0	4200	5	1	1	1	1	HSP
105I	813142	9	505167	6890438	ARNT	07	005	006	6	10	0	1	0	2	8	220	0	0	4250	5	1	1	1	1	HSP
105I	813143	9	505167	6890438	ARNT	07	005	006	6	20	0	1	0	2	8	220	0	0	4250	5	1	1	1	1	HSP
105I	813144	9	504757	6889128	SLTE	08	010	005	6	00	0	1	0	2	8	210	0	0	4000	5	1	1	2	1	HIEP
105I	813145	9	505856	6889585	ARNT	07	005	002	6	00	0	1	0	2	8	220	0	0	4100	5	1	1	1	1	HSP
105I	813146	9	510588	6888067	GLAV	64	006	005	6	00	0	1	0	2	8	220	0	0	3700	5	1	1	1	1	
105I	813147	9	510619	6887009	GLAV	64	008	005	6	00	0	1	0	2	6	120	0	0	3700	5	1	1	1	1	
105I	813148	9	512631	6888677	GLAV	64	006	002	6	00	0	1	0	2	6	220	0	0	3500	5	1	2	1	2	
105I	813150	9	513063	6889375	GLAV	64	005	003	6	00	0	1	0	2	6	220	0	0	3500	5	1	2	1	2	
105I	813151	9	515855	6890579	SLSN	08	001	003	6	00	0	2	0	1	6	220	0	0	4000	5	1	1	1	1	HIEPS
105I	813152	9	516311	6891009	SLSN	08	004	004	6	00	0	1	0	2	8	120	0	0	4000	5	1	1	1	1	HIEPS
105I	813153	9	510984	6895164	GLAV	64	003	007	6	00	0	1	0	1	8	111	0	0	3600	5	1	1	1	1	
105I	813154	9	510442	6895085	GLAV	64	005	005	6	00	0	1	0	2	8	120	0	0	3600	5	1	1	1	1	
105I	813155	9	509422	6894977	ARNT	07	004	005	6	00	0	1	0	2	6	130	0	0	4300	5	1	1	1	1	HSP
105I	813156	9	508737	6896461	SLSN	08	006	004	6	00	0	2	0	3	8	210	0	0	4300	5	1	1	1	1	HIEPS
105I	813157	9	507153	6896912	SLSN	08	007	005	6	00	0	1	0	2	8	220	0	0	4300	5	1	1	1	1	HIEPS
105I	813158	9	506939	6897309	SLSN	08	006	004	6	00	0	1	0	2	8	310	0	0	4300	5	1	1	1	1	HIEPS
105I	813159	9	507509	6900746	LMSN	14	005	003	6	00	0	1	0	2	8	220	0	0	3900	5	1	1	1	1	UEIOI
105I	813160	9	507414	6902735	GLAV	64	006	008	6	00	0	1	0	3	8	120	0	0	3700	5	1	1	1	1	
105I	813162	9	505456	6903495	SLTE	08	015	006	6	10	0	1	0	3	6	210	0	0	4000	5	1	1	2	1	HIEP
105I	813163	9	505456	6903495	SLTE	08	015	006	6	20	0	1	0	3	6	210	0	0	4000	5	1	1	2	1	HIEP
105I	813164	9	503343	6901999	ARNT	07	006	006	6	00	0	2	0	2	8	310	0	0	4300	5	1	1	1	1	HSP
105I	813165	9	503042	6902639	ARNT	07	007	004	6	00	0	2	0	2	6	310	0	0	4300	5	1	1	1	1	HSP
105I	813166	9	504211	6908061	LMSN	14	004	004	6	00	0	2	0	2	6	220	0	0	4400	5	1	1	1	1	UEIOI
105I	813167	9	503624	6908001	LMSN	14	003	007	6	00	0	2	0	3	6	220	0	0	4400	5	1	1	1	1	UEIOI
105I	813168	9	503472	6910003	SLSN	08	005	005	6	00	0	2	0	2	6	120	0	0	4100	5	1	1	1	4	HIEPS
105I	813169	9	503392	6910533	SLSN	08	006	008	6	00	0	2	0	3	6	310	0	0	3900	5	1	1	1	1	HIEPS
105I	813170	9	503890	6911645	SLSN	08	003	005	6	00	0	2	0	2	8	130	0	0	3700	5	1	1	1	1	HIEPS
105I	813171	9	504829	6912887	SLSN	08	005	005	6	00	0	2	0	3	8	220	0	2	3500	5	1	1	1	1	HIEPS
105I	813172	9	486425	6925669	CGLM	29	004	005	6	00	0	2	0	2	6	220	0	0	4600	5	1	1	1	1	UDMPS
105I	813173	9	485957	6926296	CGLM	29	004	006	6	00	0	2	0	2	3	130	0	0	4600	5	1	1	1	1	UDMPS
105I	813174	9	487702	6926048	SHLE	19	001	001	6	00	0	1	0	1	6	310	0	0	4600	5	1	1	1	1	OSPT
105I	813175	9	487968	6926798	SHLE	19	003	003	6	00	0	1	0	1	6	310	0	0	4600	5	1	1	1	1	OSPT
105I	813177	9	489260	6927631	SHLE	19	003	002	6	00	0	2	0	2	6	310	0	0	5500	5	1	2	1	2	OSPT
105I	813178	9	489676	6927889	SHLE	19	003	003	6	00	0	2	0	2	6	310	0	0	5500	5	1	1	1	1	OSPT

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811002	3.20	29	17	5	20	45.1	8.3	0.2	0.2	0.10	0.10	48.1	0.40	8.41	108.7
105I	811003	0.54	12	8	5	20	32.2	6.4	0.2	0.1	0.10	0.10	20.4	0.14	8.38	91.1
105I	811004	1.20	30	10	5	20	38.7	7.2	0.3	0.2	0.10	0.10	26.8	0.32	8.32	105.3
105I	811005	1.98	40	12	5	20	41.6	8.1	0.3	0.2	0.10	0.10	37.2	0.32	7.97	105.9
105I	811006	1.98	44	16	5	20	42.2	8.1	0.3	0.2	0.10	0.10	36.1	0.42	8.04	106.2
105I	811007	1.22	33	11	5	20	39.7	7.3	0.3	0.2	0.10	0.10	26.4	0.30	8.43	105.7
105I	811008	3.70	48	22	5	20	26.7	7.6	0.5	0.2	0.10	0.10	42.3	0.18	8.08	59.4
105I	811009	0.05	84	37	5	20	11.7	4.8	0.4	0.3	0.10	0.10	31.3	0.15	7.47	21.1
105I	811011	0.05	108	16	5	20	16.4	10.0	0.3	0.3	0.10	0.10	68.1	0.43	7.75	22.3
105I	811012	0.10	100	43	5	20	20.4	10.2	0.7	0.5	0.10	0.10	68.5	0.75	7.85	31.3
105I	811013	0.05	100	16	5	20	5.9	2.6	0.3	0.4	0.10	0.10	13.1	0.12	7.21	12.8
105I	811014	5.80	112	21	5	20	71.0	13.9	0.2	0.4	0.10	0.10	119.2	0.11	8.15	136.8
105I	811015	4.60	100	38	5	20	50.4	10.5	0.4	0.3	0.10	0.10	72.0	0.16	8.17	99.2
105I	811016	2.30	133	66	5	20	36.0	6.2	0.2	0.4	0.10	0.10	66.5	0.05	7.76	59.4
105I	811017	2.70	76	28	5	20	37.7	8.0	0.3	0.4	0.10	0.10	57.1	0.12	8.21	78.1
105I	811018	0.05	108	20	5	20	10.4	2.8	0.4	0.5	0.10	0.10	12.1	0.12	7.57	23.4
105I	811019	0.05	76	23	5	20	6.2	1.8	0.4	0.4	0.10	0.10	12.9	0.12	7.28	11.3
105I	811020	1.98	63	21	5	20	34.6	7.2	0.2	0.3	0.10	0.10	42.1	0.34	8.12	80.5
105I	811022	3.00	120	15	5	20	47.6	10.7	0.3	0.5	0.10	0.10	42.5	0.34	8.35	131.8
105I	811023	2.00	63	40	5	20	39.4	9.0	0.3	0.4	0.10	0.10	76.2	0.34	8.13	68.2
105I	811025	3.20	53	34	5	20	40.0	8.2	0.4	0.4	0.58	0.10	82.8	0.21	7.98	64.7
105I	811026	0.50	12	101	49	20	13.8	5.6	0.2	0.3	0.45	0.10	48.0	0.25	7.24	12.2
105I	811027	0.05	12	25	5	20	2.8	1.8	0.5	0.2	0.10	0.10	9.1	0.25	6.79	5.3
105I	811028	1.20	40	131	72	20	11.8	4.6	0.2	0.2	0.20	0.10	33.6	0.05	7.49	14.7
105I	811029	1.00	48	140	73	20	11.9	4.5	0.2	0.2	0.39	0.10	35.7	0.12	7.50	14.6
105I	811030	1.30	48	357	5	20	16.0	4.4	0.2	0.2	0.35	0.10	35.6	0.13	7.54	35.5
05I	811031	0.90	30	39	5	20	37.0	4.1	0.2	0.2	0.10	0.10	24.8	0.17	8.40	112.1
105I	811032	3.30	44	112	11	20	19.9	8.2	0.2	0.2	0.39	0.10	5.6	0.14	7.78	45.7
105I	811033	0.47	53	59	59	20	13.3	5.5	0.2	0.2	0.10	0.10	40.4	0.11	7.58	23.7
105I	811034	0.16	44	195	55	67	1.3	2.0	0.2	0.3	0.10	0.10	32.3	0.18	4.10	1.0
105I	811035	0.42	12	2	5	20	33.0	7.1	0.2	0.1						
105I	811036	0.41	36	26	5	20	22.1	6.3	0.3	0.1	0.10	0.10	15.0	0.22	7.72	70.2
105I	811037	3.40	175	207	5	20	50.3	9.0	0.2	0.5	0.42	0.10	55.5	0.26	8.11	116.4
105I	811038	2.00	100	142	23	20	48.9	12.3	0.3	0.3	0.10	0.10	57.0	0.29	8.37	124.6
105I	811039	1.75	149	202	83	20	35.7	6.7	0.3	0.4	0.10	0.15	43.5	0.18	8.01	80.4
105I	811040	0.92	12	29	5	20	34.1	10.5	0.4	0.1	0.26	0.10	21.1	0.20	8.23	111.3
105I	811042	1.20	63	25	5	20	35.2	6.5	0.2	0.3	0.10	0.10	19.6	0.05	8.27	99.3
105I	811043	1.14	12	19	5	20	31.6	11.5	0.5	0.2	0.10	0.10	18.8	0.05	8.39	109.8
105I	811044	0.05	27	9	5	20	4.5	1.4	0.2	0.1	0.39	0.10	9.7	0.05	7.03	8.1
105I	811045	1.44	74	37	5	20	36.1	9.5	0.4	0.2	0.10	0.10	43.1	0.11	8.14	92.8
105I	811046	1.44	74	40	5	20	36.4	9.4	0.4	0.2	0.10	0.10	42.8	0.13	8.04	93.2
105I	811047	1.08	12	9	5	20	36.8	10.3	0.4	0.2	0.10	0.10	25.1	0.11	8.09	113.5
105I	811048	0.05	85	15	17	20	10.6	2.7	0.6	0.1	0.48	0.10	38.9	0.15	6.31	1.0
105I	811049	0.05	199	35	118	20	10.9	2.6	0.6	0.2	0.52	0.10	42.5	0.13	5.13	1.0
105I	811050	0.05	59	11	18	20	5.1	1.6	0.9	0.1	0.32	0.10	14.2	0.11	7.11	7.2
105I	811051	0.05	204	28	97	20	6.1	4.9	0.3	0.2	0.48	0.10	30.0	0.12	6.97	6.6
105I	811052	3.68	400	24	5	20	65.8	13.5	1.4	0.4	0.10	0.10	77.2	0.13	8.18	157.9
105I	811053	2.50	85	7	5	20	59.1	15.5	0.7	0.4	0.39	0.10	32.4	0.19	8.23	187.3
105I	811054	0.10	79	24	161	20	10.4	3.5	0.6	0.2	0.26	0.10	29.2	0.13	7.26	12.0
105I	811055	0.34	85	27	39	20	12.2	3.9	0.4	0.5	0.26	0.10	24.2	0.15	7.41	27.2

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811056	2.90	29	11	5	20	55.8	16.6	0.3	0.4	0.39	0.10	48.5	0.11	8.56	180.4
105I	811058	0.05	36	100	51	20	1.9	1.4	0.4	0.5	0.10	0.10	11.8	0.05	5.17	1.0
105I	811059	0.05	59	25	19	20	9.0	3.3	0.3	0.1	0.35	0.10	35.8	0.05	6.54	2.4
105I	811060	0.05	12	5	5	20	12.9	3.7	0.3	0.2	0.10	0.10	26.4	0.05	7.44	25.9
105I	811062	0.15	12	10	5	20	16.5	3.4	0.1	0.1	0.10	0.10	9.3	0.13	7.98	50.4
105I	811063	1.60	85	55	5	20	32.5	3.7	0.2	0.4	0.10	0.10	12.7	0.13	7.94	92.3
105I	811064	1.16	12	8	5	20	44.1	11.2	0.2	0.2	0.39	0.10	48.0	0.13	8.49	123.4
105I	811065	0.66	12	5	5	20	31.8	6.3	0.2	0.2	0.39	0.10	10.7	0.14	8.09	105.3
105I	811066	0.05	12	5	5	20	3.1	1.0	0.2	0.2	0.45	0.10	4.3	0.12	7.14	8.3
105I	811067	0.41	58	6	5	20	24.6	6.5	0.4	0.3	0.10	0.10	14.7	0.12	8.34	80.3
105I	811068	0.42	58	2	5	20	24.7	6.5	0.4	0.2	0.10	0.10	15.0	0.12	8.29	80.1
105I	811069	0.05	190	220	250	41	5.8	4.7	0.6	1.0	0.10	0.10	47.5	0.12	4.47	1.0
105I	811070	1.46	45	6	11	20	28.4	5.7	0.1	0.3	0.10	0.10	20.8	0.12	8.31	80.1
105I	811071	0.36	12	2	5	20	26.8	7.6	0.2	0.2	0.10	0.10	24.1	0.12	8.28	82.3
105I	811073	1.70	63	26	5	20	38.1	7.0	0.3	0.3	0.32	0.10	54.3	0.12	7.97	83.3
105I	811074	2.20	36	88	5	20	32.7	6.4	0.2	0.3	0.20	0.10	32.0	0.16	8.31	83.7
105I	811075	1.40	12	10	5	20	31.5	4.8	0.2	0.2	0.10	0.10	14.6	0.05	8.40	89.8
105I	811076	0.36	32	86	197	20	11.8	6.1	0.2	0.2	0.26	0.10	47.8	0.13	7.33	12.5
105I	811077	2.00	50	110	5	20	23.1	4.6	0.2	0.3	0.20	0.10	21.0	0.16	8.21	60.9
105I	811078	1.90	180	1412	669	20	35.1	14.2	0.4	0.7	0.86	0.10	156.0	0.15	4.98	1.0
105I	811079	1.20	12	5	5	20	30.4	5.2	0.2	0.1	0.21	0.10	37.1	0.16	8.35	89.5
105I	811080	1.40	12	2	5	20	35.8	5.1	0.2	0.2	0.26	0.10	11.4	0.05	8.44	108.4
105I	811082	1.90	128	121	119	20	35.7	12.5	0.2	0.4	0.58	0.10	137.0	0.15	8.38	86.8
105I	811083															
105I	811084	0.05	41	164	34	20	6.9	2.2	0.2	0.2	0.24	0.10	36.7	0.13	6.93	30.6
105I	811086															
105I	811087	0.24	63	84	5	20	11.8	5.8	0.3	0.3	0.20	0.10	26.8	0.11	7.90	29.7
105I	811088	0.05	85	22	5	20	11.9	3.0	0.3	0.2	0.10	0.10	12.9	0.05	7.87	29.2
105I	811089	0.05	12	37	5	20	9.3	1.8	0.4	0.1	0.21	0.10	3.2	0.12	7.69	22.2
105I	811090	0.05	69	40	48	20	5.4	2.5	0.2	0.5	0.17	0.10	17.3	0.12	7.22	7.2
105I	811091	1.30	108	200	32	20	16.1	7.0	0.3	0.6	0.27	0.10	32.1	0.05	8.04	41.4
105I	811092	1.30	113	207	18	20	15.8	6.9	0.3	0.6	0.27	0.10	32.1	0.05	8.03	41.6
105I	811093	2.20	225	295	5	20	26.5	13.3	0.3	0.4	0.10	0.10	29.1	0.05	8.43	100.1
105I	811094	2.20	211	209	5	20	23.7	13.0	0.4	0.5	0.20	0.10	35.1	0.05	8.33	85.3
105I	811095	0.82	100	46	5	57	18.3	8.1	0.4	0.2	0.10	0.10	18.5	0.05	8.16	60.1
105I	811096	0.18	120	30	5	20	15.3	7.1	0.5	0.3	0.26	0.10	20.2	0.11	8.09	50.9
105I	811097	0.38	112	15	5	20	18.1	7.7	0.4	0.3	0.10	0.10	16.2	0.05	8.19	61.1
105I	811098	0.34	108	17	5	20	17.1	7.1	0.3	0.2	0.10	0.10	15.2	0.05	8.13	57.3
105I	811099	1.66	108	12	5	20	19.7	10.7	0.4	0.2	0.26	0.10	7.0	0.05	8.31	82.4
105I	811100	1.90	180	11	5	20	23.5	13.7	0.4	0.4	0.10	0.10	27.4	0.05	8.32	92.9
105I	811102	0.12	85	8	5	20	17.9	10.1	0.5	0.4	0.10	0.10	41.9	0.05	8.11	50.0
105I	811103	0.10	59	8	5	20	12.3	5.9	0.3	0.2	0.10	0.10	9.7	0.05	8.01	44.8
105I	811104	0.05	100	37	5	20	9.2	5.4	0.4	0.3	0.10	0.10	20.2	0.05	7.78	24.2
105I	811105	0.05	73	17	5	20	9.1	4.9	0.4	0.2	0.10	0.10	14.4	0.05	7.82	26.1
105I	811106	0.05	73	17	5	20	9.0	4.9	0.4	0.2	0.10	0.10	14.5	0.05	7.77	26.0
105I	811107	2.00	180	16	5	46	24.1	10.0	0.3	0.3	0.21	0.10	24.1	0.19	8.12	83.1
105I	811108	0.05	45	36	69	20	5.5	3.0	0.2	0.2	0.49	0.10	21.3	0.14	7.09	4.6
105I	811109	0.05	12	29	10	20	5.9	2.4	0.2	0.2	0.20	0.10	18.3	0.10	7.16	5.7
105I	811110	0.05	59	151	5	40	10.2	3.2	0.2	0.3	0.10	0.10	24.8	0.05	7.52	13.4
105I	811111	0.11	12	94	5	20	10.6	3.6	0.2	0.2	0.20	0.10	28.1	0.05	7.59	15.5

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811112	0.05	12	70	15	20	5.7	2.2	0.2	0.2	0.40	0.10	20.8	0.12	6.90	3.2
105I	811113	0.05	12	12	5	20	10.1	4.1	0.2	0.2	0.31	0.10	25.8	0.13	7.67	17.9
105I	811114	0.05	12	11	5	20	6.0	2.8	0.2	0.2	0.10	0.10	19.5	0.05	7.26	7.9
105I	811115	0.05	54	96	12	20	7.8	2.2	0.2	0.2	0.10	0.10	25.5	0.11	7.06	4.6
105I	811116	0.05	12	29	5	20	6.4	3.1	0.2	0.2	0.10	0.10	23.5	0.05	7.12	7.8
105I	811117	2.20	108	555	5	20	31.1	16.1	0.2	0.4	0.10	0.10	67.5	0.13	8.31	84.2
105I	811118	0.05	32	165	543	20	8.6	6.6	0.1	0.5	0.10	0.10	46.5	0.13	7.02	5.4
105I	811119	3.60	128	291	5	20	37.1	16.6	0.2	0.4	0.10	0.10	50.2	0.19	8.54	124.6
105I	811122	0.21	79	24	5	20	15.6	6.7	0.3	0.1	0.23	0.10	7.4	0.14	8.20	63.4
105I	811123	0.65	74	27	5	20	16.2	8.1	0.4	0.2	0.10	0.10	14.1	0.05	8.23	64.2
105I	811124	1.34	79	49	5	20	18.9	8.0	0.3	0.2	0.24	0.10	17.5	0.17	8.25	67.1
105I	811125	1.00	79	52	5	20	19.1	8.1	0.2	0.2	0.10	0.10	17.5	0.11	8.27	67.3
105I	811126	1.00	135	204	5	20	20.1	9.6	0.3	0.2	0.20	0.10	30.7	0.11	8.24	65.1
105I	811127	1.83	128	83	5	20	16.9	9.4	0.2	0.2	0.27	0.10	26.2	0.14	8.19	58.4
105I	811128	1.66	128	49	5	20	20.3	10.9	0.2	0.3	0.10	0.10	35.2	0.05	8.27	69.3
105I	811129	0.54	91	62	5	61	13.8	6.8	0.3	0.2	0.20	0.10	9.9	0.10	8.15	54.9
105I	811130	0.50	100	17	5	51	21.4	9.9	0.2	0.2	0.24	0.10	22.5	0.10	8.25	76.2
105I	811131	0.21	128	14	5	49	18.8	5.7	0.2	0.3	0.20	0.24	18.2	0.15	8.18	56.6
105I	811132	0.58	150	17	5	20	18.3	7.5	0.2	0.3	0.10	0.26	18.5	0.05	8.18	63.5
105I	811134	0.19	180	49	5	20	17.9	4.9	0.1	0.6	1.00	0.29	37.5	0.20	7.97	35.9
105I	811135	0.94	170	24	5	20	24.2	9.2	0.2	0.3	0.27	0.20	32.7	0.19	8.32	74.5
105I	811136	0.05	31	55	5	20	6.5	2.5	0.2	0.1	0.23	0.10	3.1	0.11	7.48	20.9
105I	811137	2.40	178	19	5	41	36.6	13.4	0.3	0.4	0.52	0.10	43.2	0.20	8.43	116.6
105I	811138	0.35	105	14	5	59	15.8	5.8	0.3	0.2	0.10	0.10	15.1	0.11	8.10	51.4
105I	811139	0.05	89	18	5	51	11.2	5.8	0.3	0.2	0.10	0.10	19.5	0.05	7.85	34.2
105I	811140	0.05	12	10	5	20	5.0	0.8	0.3	0.1	0.20	0.10	3.4	0.11	7.18	7.9
105I	811142	0.30	50	6	5	63	24.3	4.6	0.4	0.2	0.10	0.10	13.3	0.15	8.16	69.6
105I	811143	0.33	59	5	5	68	24.7	4.7	0.4	0.2	0.10	0.10	13.9	0.15	8.02	70.3
105I	811144	0.20	115	8	5	79	21.5	8.9	0.3	0.3	0.23	0.10	41.1	0.18	8.17	55.6
105I	811145	0.51	150	7	5	73	25.5	10.8	0.5	0.3	0.10	0.10	20.3	0.18	8.38	93.8
105I	811146	0.63	142	7	5	20	24.1	7.9	0.3	0.2	0.10	0.10	14.2	0.05	8.15	82.4
105I	811147	2.12	128	13	10	71	25.8	9.9	0.3	0.2	0.10	0.10	31.6	0.12	8.30	80.9
105I	811148	0.05	120	21	5	99	14.8	3.9	0.2	0.3	0.31	0.10	17.2	0.05	7.92	36.0
105I	811149	4.20	168	6	5	20	42.1	18.3	0.4	0.3	0.20	0.10	65.6	0.18	8.53	131.2
105I	811150	0.54	73	6	5	20	16.8	4.2	0.2	0.2	0.49	0.10	10.4	0.13	8.02	52.3
105I	811151	3.70	169	133	5	20	44.2	17.7	0.3	0.5	0.37	0.10	73.1	0.22	8.51	124.4
105I	811152	0.92	26	9	5	20	39.5	10.7	0.5	0.2	0.27	0.10	30.4	0.29	8.46	123.6
105I	811153	0.85	100	82	5	20	18.7	8.1	0.3	0.3	0.10	0.10	43.3	0.16	8.02	42.6
105I	811154	0.85	128	203	5	20	13.9	6.5	0.2	0.3	0.21	0.10	23.5	0.19	7.98	45.8
105I	811156	1.50	128	95	68	20	22.0	10.7	0.2	0.5	0.10	0.10	44.8	0.31	8.21	63.0
105I	811157	1.28	50	19	5	20	25.9	12.1	0.6	0.2	0.10	0.10	63.4	0.05	8.19	60.3
105I	811158	0.92	83	8	5	20	45.2	22.5	0.3	0.3	0.23	0.10	100.0	0.14	8.49	121.8
105I	811159	0.05	72	87	295	20	9.8	7.4	0.4	0.5	0.43	0.10	60.0	0.16	6.35	1.0
105I	811160	1.90	89	13	5	20	21.0	10.3	0.2	0.3	0.30	0.10	30.1	0.19	8.30	75.8
105I	811162	1.06	89	176	18	20	12.6	5.6	0.4	0.3	0.23	0.10	28.7	0.18	7.93	31.9
105I	811163	1.06	120	277	56	20	19.0	6.7	0.3	0.2	0.20	0.10	60.4	0.19	7.75	20.9
105I	811164	0.05	50	77	13	20	4.7	2.2	0.2	0.2	0.20	0.10	19.9	0.15	6.82	2.4
105I	811165	0.24	36	16	5	20	7.8	4.1	0.3	0.2	0.10	0.10	14.6	0.17	7.81	25.8
105I	811166	1.00	59	8	5	20	23.5	7.7	0.5	0.1	0.37	0.10	61.2	0.15	8.03	37.9
105I	811168	0.65	55	7	5	20	19.0	5.3	0.5	0.1	0.10	0.10	23.4	0.10	8.15	52.1

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811169	1.82	168	10	5	20	40.6	11.5	0.6	0.3	0.50	0.17	34.7	0.10	8.53	129.1
105I	811170	0.36	89	9	5	20	22.5	8.6	0.2	0.3	0.60	0.10	29.5	0.16	8.25	69.1
105I	811171	0.60	235	30	5	20	20.5	6.5	0.2	0.5	0.63	0.40	24.8	0.18	8.20	59.6
105I	811172	1.48	128	6	5	20	30.3	15.9	0.6	0.3	0.47	0.10	73.5	0.29	8.37	84.2
105I	811173	1.20	63	5	5	20	32.6	8.3	0.4	0.2	0.28	0.10	45.4	0.24	8.26	79.6
105I	811174	0.45	72	2	5	20	28.9	5.4	0.4	0.2	0.31	0.10	15.8	0.27	8.39	87.8
105I	811175	1.20	89	2	12	20	38.7	12.1	0.5	0.4	0.69	0.10	74.2	0.34	8.29	87.4
105I	811176	0.13	12	2	5	20	19.7	3.2	0.5	0.1	0.35	0.10	22.2	0.37	8.10	46.9
105I	811177	0.18	12	2	5	20	19.8	3.2	0.6	0.1	0.35	0.10	21.3	0.33	8.03	46.7
105I	811178	0.72	12	2	5	20	30.4	5.3	0.7	0.2	0.31	0.10	15.5	0.33	8.41	92.0
105I	811179	0.34	68	2	5	20	27.3	8.0	1.1	0.1	0.31	0.10	38.0	0.27	8.22	72.4
105I	811180	0.10	12	2	5	20	18.3	3.3	2.2	0.3	0.31	0.10	8.4	0.19	8.21	58.5
105I	811182	2.10	77	2	5	20	44.4	11.8	0.9	0.1	0.33	0.10	86.3	0.27	8.43	92.7
105I	811183	0.14	12	2	5	20	12.0	4.7	0.6	0.1	0.30	0.10	13.5	0.23	8.04	41.1
105I	811184	1.68	12	5	5	20	33.6	4.9	0.5	0.1	0.30	0.10	26.4	0.23	8.40	88.9
105I	811185	0.10	12	2	5	20	22.7	8.1	1.0	0.2	0.66	0.10	9.4	0.24	8.13	88.8
105I	811186	0.18	12	12	5	20	25.9	3.3	0.6	0.1	0.24	0.10	13.4	0.22	8.06	71.0
105I	811187	0.05	12	2	5	20	13.3	2.2	1.1	0.2	0.27	0.10	7.9	0.18	8.02	38.7
105I	811188	0.05	12	2	5	20	13.3	2.2	1.1	0.2	0.39	0.10	7.2	0.18	8.01	38.6
105I	811190	1.50	30	22	5	20	41.7	5.6	0.7	0.1	0.60	0.10	16.7	0.22	8.41	122.0
105I	811191	1.60	30	8	5	20	29.8	5.7	0.7	0.2	0.27	0.10	41.5	0.50	8.26	63.9
105I	811192	1.60	30	2	5	20	29.6	5.6	0.7	0.1	0.21	0.10	44.0	0.23	8.20	63.0
105I	811193	0.10	12	2	5	20	15.0	1.5	0.3	0.1	0.20	0.10	6.0	0.21	8.05	41.7
105I	811194	0.05	12	2	5	20	14.6	1.8	0.4	0.1	0.10	0.10	8.7	0.21	8.06	39.1
105I	811195	0.18	12	2	5	20	16.9	2.0	0.3	0.1	0.21	0.10	12.0	0.44	8.10	41.7
105I	811196	0.05	12	2	5	20	12.2	1.7	0.5	0.1	0.60	0.10	9.9	0.23	7.96	31.8
105I	811197	0.84	53	2	5	20	34.8	7.1	0.5	0.2	0.30	0.10	28.6	0.17	8.44	94.1
105I	811198	0.05	12	2	5	20	6.3	1.6	0.6	0.1	0.10	0.10	1.8	0.13	7.79	22.1
105I	811199	0.37	25	5	5	20	18.3	6.9	0.4	0.1	0.10	0.10	35.0	0.11	8.04	45.9
105I	811200	0.15	28	2	5	20	13.3	2.7	0.5	0.1	0.10	0.10	13.9	0.12	7.93	33.8
105I	811202	0.75	12	2	5	20	35.5	6.4	0.5	0.2	0.30	0.10	34.5	0.16	8.41	90.5
105I	811203	2.52	111	2	5	20	44.9	13.8	0.5	0.2	0.28	0.10	83.7	0.17	8.43	101.8
105I	811204	0.50	53	2	5	20	27.2	5.2	0.4	0.2	0.21	0.10	14.1	0.14	8.37	82.2
105I	811205	2.12	94	25	5	20	35.4	8.5	0.4	0.3	0.21	0.10	37.8	0.13	8.46	95.5
105I	811207	3.50	123	113	5	20	43.5	16.1	0.3	0.3	0.21	0.10	30.9	0.18	8.60	161.4
105I	811208	3.30	190	51	5	20	39.8	11.2	0.3	0.4	0.84	0.10	31.6	0.15	8.53	128.3
105I	811209	0.33	56	17	5	64	32.0	7.6	0.3	0.2	0.43	0.10	28.4	0.19	8.39	87.2
105I	811210	0.36	44	6	5	20	25.7	8.0	0.6	0.1	0.30	0.10	15.8	0.16	8.29	88.3
105I	811211	0.40	12	6	5	20	0.6	0.2	0.1	0.1	0.30	0.10	13.0	0.19	6.64	1.0
105I	811212	4.00	145	14	5	20	38.9	17.8	0.3	0.3	0.10	0.10	64.4	0.19	8.55	118.6
105I	811213	0.65	40	6	5	20	19.7	6.1	0.5	0.1	0.20	0.10	25.1	0.21	8.19	54.7
105I	811214	0.92	53	5	5	20	19.3	5.3	0.3	0.2	0.20	0.10	18.5	0.16	8.17	56.0
105I	811215	0.05	40	29	20	20	2.2	1.4	0.2	0.2	0.10	0.10	11.8	0.14	5.88	1.0
105I	811216	1.86	56	7	5	20	42.2	5.6	0.2	0.2	0.36	0.10	16.1	0.21	8.52	123.1
105I	811217	2.10	59	5	5	20	41.9	5.5	0.2	0.2	0.36	0.10	16.1	0.24	8.35	122.7
105I	811218	1.84	59	32	5	20	38.1	6.2	0.3	0.2	0.27	0.10	13.1	0.24	8.45	118.2
105I	811219	0.68	25	9	5	20	46.6	4.7	0.3	0.1	0.24	0.10	7.1	0.18	8.62	138.5
105I	811220	0.62	25	5	5	20	40.4	3.9	0.2	0.1	0.24	0.10	6.7	0.18	8.59	121.1
105I	811222	0.80	75	7	5	20	35.7	2.6	0.2	0.1	0.21	0.10	14.5	0.17	8.41	103.6
105I	811223	1.74	63	49	5	20	23.6	3.8	0.2	0.2	0.30	0.10	10.8	0.18	8.20	71.1

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811224	0.66	53	16	5	20	26.9	3.1	0.3	0.1	0.25	0.10	5.4	0.15	8.39	82.3
105I	811225	2.00	79	31	5	20	33.2	6.6	0.2	0.3	0.24	0.10	11.3	0.15	8.50	110.0
105I	811226	0.62	145	38	5	20	15.2	6.9	0.3	0.3	0.27	0.10	23.3	0.15	7.98	49.0
105I	811227	1.34	84	61	64	20	17.1	4.7	0.2	0.3	0.10	0.10	20.1	0.05	8.15	47.0
105I	811228	1.70	84	59	5	20	25.2	6.1	0.2	0.3	0.38	0.10	16.1	0.18	8.37	79.5
105I	811229	1.70	79	58	5	20	25.3	6.2	0.2	0.3	0.38	0.10	15.6	0.17	8.17	79.6
105I	811230	0.05	32	51	37	20	1.0	0.5	0.2	0.2	0.30	0.10	4.9	0.14	5.23	1.0
105I	811231	1.50	180	327	23	20	20.2	8.8	0.2	0.5	0.54	0.10	50.3	0.16	8.10	45.6
105I	811232	5.00	190	302	5	20	33.6	13.2	0.2	0.5	0.60	0.10	41.3	0.15	8.52	106.2
105I	811233	2.80	380	403	5	20	31.8	14.2	0.3	0.3	0.24	0.10	51.8	0.13	8.30	96.9
105I	811235	1.40	262	408	5	20	19.0	8.7	0.2	0.5	1.09	0.10	32.1	0.37	8.07	57.3
105I	811236	1.40	278	248	5	20	22.2	10.4	0.3	0.4	0.74	0.10	11.9	0.30	8.30	67.5
105I	811237	0.30	88	31	5	156	16.3	9.4	0.4	0.1	0.59	0.10	9.4	0.38	8.30	72.2
105I	811238	2.40	180	21	5	20	29.9	17.8	0.4	0.3	0.73	0.10	54.8	0.39	8.50	112.9
105I	811239	0.26	151	31	5	53	13.3	8.0	0.4	0.3	0.53	0.10	20.3	0.34	8.07	49.5
105I	811240	1.60	211	20	5	20	21.3	12.5	0.4	0.3	0.56	0.10	37.2	0.33	8.21	80.0
105I	811242	2.00	292	501	5	20	29.1	12.4	0.4	0.4	0.98	0.10	46.3	0.38	8.30	94.6
105I	811243	1.50	180	102	5	56	22.8	10.6	0.3	0.2	0.10	0.10	24.9	0.86	8.36	79.5
105I	811244	6.80	200	198	5	20	47.3	18.1	0.4	0.4	0.56	0.10	56.7	0.27	8.45	155.8
105I	811245	3.00	110	145	5	20	32.5	8.0	0.3	0.2	0.42	0.10	27.1	0.30	8.46	99.1
105I	811246	1.16	84	51	5	20	27.3	6.3	0.4	0.1	0.47	0.10	18.1	0.30	8.40	84.6
105I	811247	0.60	70	19	5	20	23.3	5.3	0.4	0.1	0.10	0.18	9.1	0.19	8.34	75.5
105I	811248	0.05	54	9	5	20	14.4	5.0	0.4	0.1	0.10	0.10	9.6	0.15	8.10	48.8
105I	811249	0.05	58	29	5	20	6.3	1.0	0.4	0.2	0.10	0.10	13.5	0.05	7.40	9.6
105I	811250	0.05	63	20	5	20	8.6	1.2	0.5	0.2	0.10	0.10	49.5	0.05	7.63	11.7
105I	811251	0.05	12	11	5	20	10.2	3.2	0.3	0.1	0.10	0.10	8.1	0.05	7.92	31.9
105I	811252	0.05	12	5	5	20	13.3	6.1	0.4	0.1	0.10	0.10	26.0	0.05	7.98	40.8
105I	811253	0.49	94	14	5	20	15.4	8.2	0.5	0.2	0.10	0.10	26.2	0.05	8.20	56.5
105I	811255	1.60	87	22	5	20	24.4	12.4	0.5	0.3	0.10	0.10	38.5	0.05	8.36	90.4
105I	811256	0.05	54	16	5	20	10.8	4.7	0.3	0.1	0.10	0.10	10.2	0.05	8.01	38.3
105I	811257	0.05	71	96	70	20	4.6	2.6	0.2	0.2	0.10	0.10	24.2	0.05	6.77	2.2
105I	811258	0.30	50	47	5	20	9.6	4.7	0.4	0.2	0.23	0.10	26.5	0.05	7.83	25.6
105I	811259	0.30	50	45	5	20	9.9	4.8	0.4	0.2	0.23	0.10	26.2	0.05	7.83	25.5
105I	811260	0.05	47	22	5	20	9.2	4.2	0.3	0.2	0.10	0.10	27.0	0.05	7.76	21.3
105I	811262	0.56	82	45	5	20	12.3	6.2	0.3	0.2	0.20	0.10	32.8	0.05	7.95	33.9
105I	811263	0.17	63	21	5	20	8.6	3.9	0.2	0.2	0.10	0.10	27.6	0.05	7.68	12.1
105I	811264	0.19	112	35	5	20	14.2	4.9	0.2	0.2	0.25	0.10	34.3	0.05	7.95	31.9
105I	811265	0.59	77	31	5	20	16.5	6.3	0.3	0.2	0.10	0.10	24.2	0.13	8.08	43.1
105I	811266	0.44	12	24	5	20	19.0	2.3	0.2	0.2	0.10	0.10	7.4	0.05	8.17	51.2
105I	811267	0.60	35	11	5	20	33.3	3.3	0.3	0.2	0.10	0.10	7.1	0.05	8.44	92.6
105I	811268	0.05	35	14	5	20	7.8	2.9	0.4	0.1	0.10	0.10	4.8	0.05	7.79	25.1
105I	811269	1.12	32	6	5	20	42.0	4.9	0.3	0.1	0.10	0.10	7.0	0.05	8.57	122.8
105I	811270	1.60	12	2	5	20	45.7	6.9	0.2	0.2	0.10	0.10	16.3	0.05	8.62	133.0
105I	811271	0.72	12	5	5	20	51.8	10.6	0.2	0.1	0.10	0.10	23.2	0.12	8.68	154.8
105I	811272	0.14	40	5	5	20	19.0	4.0	0.3	0.2	0.10	0.10	11.4	0.05	8.17	53.3
105I	811273	0.13	50	20	5	20	9.8	3.4	0.3	0.3	0.23	0.10	17.6	0.05	7.74	21.2
105I	811274	0.13	50	22	5	20	9.8	3.7	0.3	0.3	0.10	0.10	17.3	0.05	7.75	21.2
105I	811275	1.42	44	19	5	20	34.1	5.7	0.3	0.2	0.10	0.10	15.7	0.05	8.44	95.4
105I	811276	1.48	100	19	5	20	28.6	5.3	0.3	0.4	0.29	0.10	25.2	0.05	8.30	70.0
105I	811277	0.05	37	16	5	20	6.4	1.8	0.3	0.2	0.10	0.10	5.8	0.05	7.65	12.2

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811278	0.05	58	17	23	20	8.2	2.9	0.1	0.3	0.20	0.10	30.5	0.05	6.63	1.0
105I	811280	0.30	47	46	5	20	12.4	3.1	0.2	0.2	0.10	0.10	10.0	0.05	7.88	28.8
105I	811283	0.05	50	75	98	20	8.6	2.6	0.1	0.2	0.10	0.10	32.2	0.05	5.52	1.0
105I	811284	0.05	37	15	5	20	6.4	2.1	0.2	0.1	0.10	0.10	14.3	0.05	7.38	9.1
105I	811285	0.05	29	21	21	20	4.8	1.5	0.1	0.2	0.10	0.10	14.5	0.05	6.88	3.0
105I	811286	0.13	67	133	90	20	11.3	2.6	0.2	0.2	0.10	0.10	41.4	0.05	4.84	1.0
105I	811287	0.05	34	86	50	20	7.4	2.1	0.1	0.2	0.10	0.10	26.6	0.05	5.04	1.0
105I	811288	0.05	12	38	14	20	4.3	1.2	0.1	0.1	0.10	0.10	14.3	0.05	6.31	1.0
105I	811289	0.05	82	124	95	20	6.6	2.6	0.3	0.2	0.10	0.10	32.4	0.05	4.60	1.0
105I	811290	0.05	58	80	37	20	3.3	1.4	0.3	0.2	0.10	0.10	17.2	0.05	4.81	1.0
105I	811291	0.05	50	135	38	20	6.5	1.5	0.3	0.2	0.10	0.10	21.9	0.05	5.29	1.0
105I	811292	0.05	77	9	5	20	16.9	6.0	0.3	0.2	2.00	0.10	11.0	0.05	8.16	53.5
105I	811293	0.05	34	5	5	20	6.2	0.7	0.2	0.2	0.10	0.10	5.7	0.05	7.45	11.9
105I	811294	0.05	59	36	5	20	10.0	1.0	0.4	0.2	0.10	0.10	23.2	0.05	7.20	5.9
105I	811295	0.05	59	47	16	20	4.3	0.6	0.3	0.4	0.10	0.10	11.1	0.05	6.61	1.0
105I	811296	0.52	94	15	5	20	16.1	6.6	0.2	0.4	0.10	0.10	23.6	0.05	8.16	48.1
105I	811297	0.05	59	46	5	20	18.4	2.3	0.6	0.7	0.10	0.10	40.4	0.05	7.75	20.6
105I	811298	0.05	55	44	5	20	18.5	2.1	0.7	0.7	0.10	0.10	40.6	0.05	7.57	20.5
105I	811299	0.05	12	10	5	20	2.8	0.4	0.4	0.2	0.10	0.10	3.6	0.05	7.14	5.7
105I	811300	1.00	12	7	5	20	3.5	0.1	0.4	0.3	0.10	0.10	1.1	0.05	7.32	8.4
105I	811302	0.96	32	11	5	20	22.8	2.3	0.3	0.5	0.20	0.10	40.4	0.05	7.93	28.4
105I	811303	0.05	12	8	5	20	8.3	1.7	0.4	0.2	0.10	0.10	17.6	0.05	7.39	9.0
105I	811304	0.05	12	8	5	20	8.2	1.6	0.4	0.2	0.10	0.10	17.6	0.05	7.37	10.0
105I	811305	0.70	12	2	5	20	9.3	0.3	0.5	0.4	0.10	0.10	8.8	0.05	7.68	12.1
105I	811306	0.86	100	453	5	20	28.2	3.9	0.4	0.5	0.40	0.10	68.1	0.05	7.81	24.0
105I	811307	0.13	112	371	28	20	18.1	5.1	0.2	0.4	0.41	0.10	63.1	0.05	7.35	8.3
105I	811308	0.15	12	18	5	20	8.9	1.0	0.3	0.3	0.10	0.10	16.2	0.05	7.40	9.5
105I	811309	0.86	77	26	5	20	21.7	3.6	0.2	0.7	0.10	0.10	21.3	0.05	8.15	50.0
105I	811310	0.05	67	12	5	20	9.7	0.6	0.2	0.2	0.10	0.10	13.8	0.05	7.55	13.4
105I	811311	0.05	58	10	5	20	15.4	0.6	0.2	0.3	0.20	0.10	16.8	0.05	7.86	25.7
105I	811312	0.05	12	10	5	20	1.2	0.6	0.2	0.1	0.10	0.10	2.8	0.05	6.59	1.0
105I	811313	0.05	12	6	5	20	8.1	2.6	0.5	0.1	0.10	0.10	17.9	0.05	7.52	13.3
105I	811314	0.05	12	13	5	20	4.6	2.3	0.4	0.2	0.10	0.10	16.1	0.05	6.93	3.5
105I	811315	0.05	12	2	5	20	4.9	1.7	0.4	0.2	0.10	0.10	14.5	0.05	7.02	4.0
105I	811316	0.05	34	52	43	20	4.8	2.3	0.2	0.2	0.10	0.10	20.7	0.05	5.76	1.0
105I	811318	0.05	40	39	5	20	5.5	5.4	0.2	0.2	0.10	0.10	34.0	0.05	6.96	3.4
105I	811319	0.05	34	73	37	20	7.0	2.9	0.2	0.2	0.10	0.10	29.3	0.05	6.33	1.0
105I	811320	0.05	12	15	5	20	2.7	1.5	0.3	0.1	0.10	0.10	8.7	0.05	6.81	3.0
105I	811322	0.05	89	103	5	20	9.3	3.6	0.2	0.2	0.10	0.10	33.6	0.05	7.15	5.4
105I	811323	0.05	61	12	5	20	6.6	2.4	0.2	0.1	0.10	0.10	17.1	0.05	7.38	9.4
105I	811324	0.05	65	17	5	20	8.0	4.5	0.1	0.2	0.21	0.10	32.7	0.05	7.32	7.6
105I	811325	0.05	30	19	20	74	1.9	1.3	0.6	0.1	0.10	0.10	9.0	0.05	5.03	1.0
105I	811326	0.05	83	11	5	20	7.9	3.1	0.2	0.2	0.20	0.10	21.5	0.05	7.38	10.7
105I	811327	0.05	57	15	14	20	2.7	1.6	0.1	0.2	0.24	0.10	12.4	0.05	5.26	1.0
105I	811328	0.05	122	40	79	20	5.2	1.9	0.2	0.5	0.64	0.10	28.9	0.05	4.64	1.0
105I	811329	0.05	105	24	5	20	8.1	4.2	0.3	0.2	0.10	0.10	31.3	0.05	7.28	7.6
105I	811330	0.05	83	28	5	20	3.4	2.0	0.4	0.2	0.20	0.10	10.5	0.27	7.03	4.2
105I	811332	0.05	159	64	5	20	10.1	6.5	0.3	0.2	0.20	0.10	39.5	0.05	7.45	11.1
105I	811333	0.05	41	17	5	70	3.0	1.6	0.6	0.1	0.10	0.10	3.4	0.05	7.13	6.8
105I	811334	0.05	37	23	5	60	3.0	1.6	0.7	0.1	0.10	0.10	3.4	0.17	7.18	7.0

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811335	0.05	30	7	5	20	12.0	3.3	0.7	0.1	0.10	0.10	9.7	0.05	7.94	33.9
105I	811336	0.05	41	6	5	20	5.0	1.0	0.9	0.1	0.10	0.10	2.2	0.05	7.48	12.7
105I	811337	0.05	27	5	5	20	11.5	3.1	0.7	0.1	0.10	0.10	5.5	0.05	7.95	34.7
105I	811338	0.20	30	2	5	20	22.2	2.7	0.6	0.2	0.10	0.10	11.6	0.05	8.24	58.1
105I	811339	0.05	46	5	5	20	26.8	6.2	1.0	0.1	0.10	0.10	10.4	0.11	8.41	85.3
105I	811340	0.05	37	5	5	20	23.3	6.0	1.1	0.1	0.10	0.10	1.7	0.17	8.42	85.3
105I	811342	0.05	12	2	5	20	17.9	4.2	1.0	0.1	0.10	0.10	5.0	0.11	8.24	58.3
105I	811343	0.05	25	2	5	20	17.6	4.8	1.3	0.1	0.10	0.10	5.7	0.10	8.25	59.6
105I	811344	0.05	12	5	5	20	17.9	4.5	1.4	0.1	0.10	0.10	5.6	0.11	8.25	59.8
105I	811346	0.05	12	15	5	20	22.7	6.2	1.4	0.2	0.10	0.10	12.0	0.15	8.32	73.1
105I	811347	0.05	12	8	5	20	11.1	3.1	0.7	0.1	0.10	0.10	0.2	0.05	8.02	39.4
105I	811348	0.19	12	2	5	20	31.4	5.2	0.9	0.2	0.10	0.10	21.0	0.17	8.36	85.0
105I	811349	0.05	69	7	5	20	9.9	1.3	1.2	0.3	0.88	0.10	5.8	0.12	7.87	27.1
105I	811350	0.17	12	2	5	20	29.8	6.3	0.7	0.2	0.10	0.10	22.7	0.05	8.43	85.7
105I	811351	0.05	12	2	5	20	26.1	4.6	0.8	0.1	0.10	0.10	12.5	0.05	8.36	75.6
105I	811352	0.05	37	5	5	20	17.5	4.6	0.6	0.1	0.67	0.10	33.8	0.05	7.96	31.7
105I	811353	0.32	12	2	5	20	34.9	4.4	0.8	0.2	0.10	0.10	37.1	0.05	8.36	75.2
105I	811354	0.05	57	97	65	20	5.1	3.8	0.2	0.2	0.24	0.10	33.5	0.05	4.84	1.0
105I	811355	0.15	12	2	5	20	24.7	1.6	0.7	0.3	0.10	0.10	28.0	0.05	8.13	46.6
105I	811356	0.10	12	2	5	20	21.4	1.6	0.6	0.3	0.10	0.10	14.8	0.18	8.16	49.4
105I	811357	0.05	12	2	5	20	21.2	0.6	1.0	0.7	0.10	0.10	16.7	0.19	8.11	45.0
105I	811358	0.23	12	2	5	20	26.3	1.1	0.7	0.4	0.10	0.10	25.8	0.12	8.18	50.2
105I	811359	2.08	225	804	572	154	8.0	8.6	0.2	0.4	0.10	0.10	128.3	0.12	3.42	1.0
105I	811360	0.30	50	176	85	20	1.3	2.8	0.2	0.2	0.10	0.10	38.6	0.05	3.80	1.0
105I	811362	0.05	12	56	161	20	6.5	6.2	0.1	0.1	0.32	0.10	40.2	0.05	6.75	2.1
105I	811363	0.20	95	181	306	20	6.4	6.4	0.2	0.2	0.10	0.10	71.2	0.05	4.01	1.0
105I	811364	0.05	100	174	266	20	6.2	6.4	0.2	0.2	0.24	0.10	70.4	0.05	4.08	1.0
105I	811365	0.05	12	44	27	20	0.5	1.2	0.1	0.1	0.10	0.10	9.7	0.05	4.37	1.0
105I	811366	0.50	12	2	5	20	37.3	3.6	0.8	0.2	0.10	0.10	48.5	0.05	8.33	72.6
105I	811367	0.05	12	50	24	20	1.2	0.7	0.3	0.1	0.10	0.10	6.0	0.05	4.95	1.0
105I	811368	4.80	118	573	214	144	1.7	4.0	0.1	0.1	0.10	0.10	85.6	0.05	3.41	1.0
105I	811369	0.18	12	93	59	20	3.5	2.1	0.3	0.1	0.10	0.10	16.5	0.05	5.11	1.0
105I	811370	0.05	12	2	5	20	11.9	0.5	0.5	0.3	0.10	0.10	15.0	0.15	7.71	12.4
105I	811371	0.05	12	5	5	20	16.0	0.7	0.5	0.3	0.10	0.10	20.6	0.05	7.85	24.6
105I	811372	0.05	12	5	5	20	7.0	1.1	1.0	0.2	0.10	0.10	5.1	0.12	7.69	13.5
105I	811373	0.20	30	9	48	20	7.3	1.2	0.7	0.2	0.36	0.10	8.3	0.05	6.21	1.0
105I	811374	1.40	12	2	5	20	4.5	0.4	0.5	0.1	0.20	0.10	4.4	0.05	7.25	8.8
105I	811375	0.80	12	2	5	20	4.4	0.5	0.7	0.1	0.10	0.10	5.6	0.05	7.29	8.0
105I	811376	0.86	46	2	5	20	15.7	2.2	1.6	0.2	0.10	0.10	19.9	0.05	8.02	35.1
105I	811377	0.36	12	2	5	20	1.5	0.1	0.6	0.1	0.10	0.10	0.6	0.05	6.99	4.4
105I	811378	0.73	46	2	5	20	1.4	0.2	0.5	0.1	0.28	0.10	0.8	0.05	6.79	3.1
105I	811380	0.49	42	14	5	20	1.0	0.1	0.3	0.1	0.38	0.10	1.1	0.05	6.62	1.0
105I	811382	0.92	27	7	5	20	1.1	0.2	0.4	0.1	0.31	0.10	0.6	0.05	6.78	2.5
105I	811383	1.20	30	5	5	20	1.4	0.1	0.4	0.1	0.10	0.10	0.6	0.05	6.79	2.7
105I	811384	1.50	46	5	5	20	2.1	0.2	0.4	0.1	0.10	0.10	0.8	0.05	7.01	4.3
105I	811385	1.50	54	2	5	20	2.2	0.2	0.4	0.1	0.10	0.10	0.9	0.05	6.94	3.8
105I	811387	0.75	25	16	5	20	1.0	0.2	0.3	0.1	0.10	0.10	0.2	0.05	6.75	2.3
105I	811388	0.84	27	9	5	20	1.0	0.1	0.2	0.1	0.10	0.10	0.5	0.10	6.67	1.0
105I	811389	0.45	160	7	5	20	3.1	0.3	0.4	0.1	0.10	0.10	2.1	0.10	7.34	8.8
105I	811390	0.05	32	6	5	20	9.9	0.6	0.8	0.2	0.10	0.10	5.5	0.05	7.81	22.8

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811391	0.52	27	2	5	20	0.8	0.1	0.3	0.1	0.10	0.10	0.2	0.05	6.56	1.0
105I	811392	0.71	32	2	5	20	1.7	0.1	0.3	0.1	0.24	0.10	1.8	0.05	6.81	2.4
105I	811393	0.12	35	2	5	20	31.0	7.0	1.0	0.2	0.10	0.10	29.2	0.15	8.41	81.2
105I	811394	0.14	106	2	5	20	6.6	0.5	1.3	0.2	0.10	0.10	8.4	0.05	7.50	12.3
105I	811395	0.05	42	2	5	67	3.0	1.5	0.5	0.1	0.10	0.10	6.0	0.05	7.17	7.0
105I	811396	0.05	66	28	28	20	6.6	2.2	0.4	0.3	0.10	0.10	27.0	0.05	5.16	1.0
105I	811397	0.05	87	9	5	20	9.2	4.1	0.3	0.2	0.10	0.10	32.0	0.05	7.41	11.0
105I	811398	0.05	62	5	5	60	3.9	3.8	1.4	0.2	0.10	0.10	23.0	0.05	6.86	3.4
105I	811399	0.05	58	7	5	138	3.3	3.2	1.3	0.2	0.10	0.10	17.5	0.05	6.92	3.9
105I	811400	0.05	46	9	5	129	3.1	2.4	1.4	0.2	0.10	0.10	12.5	0.05	7.02	4.9
105I	811402	0.05	66	5	5	191	9.0	5.8	0.7	0.2	0.10	0.10	33.5	0.05	7.61	10.7
105I	811403	0.05	58	2	5	20	7.4	4.2	0.9	0.2	0.10	0.10	21.0	0.05	7.60	10.7
105I	811404	0.05	50	10	5	78	3.2	3.1	1.2	0.2	0.10	0.10	18.4	0.05	6.71	2.2
105I	811405	0.05	71	53	37	20	4.4	3.7	1.4	0.2	0.10	0.10	29.5	0.05	5.50	1.0
105I	811406	0.05	62	2	5	20	17.2	2.7	0.7	0.1	0.10	0.10	28.2	0.05	7.89	29.3
105I	811407	0.05	38	2	5	20	13.7	2.7	0.6	0.2	0.10	0.10	19.3	0.05	7.91	28.4
105I	811408	0.05	35	5	5	20	13.8	2.7	0.6	0.1	0.10	0.10	18.8	0.05	7.89	27.9
105I	811409	0.05	30	6	5	136	2.9	2.6	1.2	0.2	0.10	0.10	12.8	0.05	7.12	6.1
105I	811410	0.05	66	5	5	45	11.0	4.0	0.9	0.1	0.10	0.10	8.8	0.05	7.77	21.3
105I	811411	0.05	42	5	5	70	1.8	1.7	1.1	0.2	0.10	0.10	7.1	0.05	7.03	5.0
105I	811412	0.05	42	15	5	20	2.3	2.1	0.9	0.2	0.10	0.10	13.8	0.05	6.53	1.0
105I	811413	0.05	69	33	5	20	3.0	2.1	0.4	0.2	0.10	0.10	15.4	0.05	5.92	1.0
105I	811414	0.11	54	5	5	20	16.0	5.0	0.7	0.2	0.10	0.10	34.3	0.05	7.91	30.6
105I	811415	0.12	58	7	5	20	15.7	4.5	0.6	0.2	0.10	0.10	30.2	0.05	7.93	30.6
105I	811417	0.16	58	18	5	20	21.6	6.7	0.8	0.2	0.10	0.10	46.6	0.05	8.07	39.8
105I	811418	0.33	50	9	5	20	36.2	9.7	0.8	0.2	0.10	0.10	59.7	0.10	8.37	74.8
105I	811419	0.05	66	50	43	20	4.2	2.9	0.7	0.2	0.10	0.10	25.1	0.11	5.11	1.0
105I	811420	0.05	76	132	133	20	5.1	4.9	1.0	0.5	0.10	0.10	42.2	0.05	4.59	1.0
105I	811422	0.05	94	126	79	55	3.0	2.8	0.5	0.5	0.10	0.10	27.8	0.05	4.41	1.0
105I	811423	0.05	87	124	83	56	2.9	2.7	0.5	0.5	0.10	0.10	27.8	0.05	4.41	1.0
105I	811424	0.05	108	204	129	20	9.4	6.5	0.7	0.5	0.10	0.10	60.8	0.05	4.83	1.0
105I	811425	0.05	71	2	5	20	18.9	5.9	0.6	0.2	0.10	0.10	42.9	0.05	7.96	34.0
105I	811426	0.05	62	7	15	20	11.6	4.8	0.5	0.3	0.10	0.10	43.3	0.05	7.34	8.8
105I	811427	0.29	50	63	49	20	2.9	0.9	0.4	0.2	0.10	0.10	14.2	0.05	4.93	1.0
105I	811428	0.40	62	120	112	60	3.0	2.8	0.4	0.2	0.20	0.10	33.2	0.05	4.25	1.0
105I	811429	0.05	50	10	5	20	5.0	1.9	1.6	0.4	0.10	0.10	19.3	0.05	7.04	4.8
105I	811430	0.05	46	16	5	20	5.2	0.7	0.4	0.2	0.10	0.10	11.8	0.05	7.12	5.8
105I	811431	0.05	57	26	5	20	5.3	1.7	0.8	0.2	0.10	0.10	18.6	0.05	6.89	3.2
105I	811432	0.05	44	13	5	20	3.5	1.6	0.6	0.1	0.10	0.15	10.3	0.05	6.97	3.9
105I	811434	0.05	35	42	36	20	3.4	1.9	0.6	0.3	0.10	0.10	19.9	0.05	4.79	1.0
105I	811435	0.05	53	15	5	20	8.8	2.1	1.0	0.3	0.10	0.10	29.5	0.05	6.88	3.0
105I	811436	0.32	57	65	53	20	5.1	1.7	0.4	0.2	0.10	0.10	21.9	0.05	4.86	1.0
105I	811437	1.20	118	440	144	55	2.6	3.2	0.2	0.2	0.20	0.10	61.4	0.05	3.61	1.0
105I	811438	0.28	108	104	346	20	9.7	4.4	0.3	0.1	0.20	0.10	62.9	0.05	4.29	1.0
105I	811439	0.05	100	7	5	20	9.9	4.9	0.3	0.1	0.10	0.10	34.3	0.05	7.43	10.8
105I	811440	0.05	66	8	5	20	6.6	4.6	0.2	0.1	0.10	0.10	23.5	0.05	7.48	11.6
105I	811442	0.05	108	21	5	20	9.1	5.4	0.2	0.2	0.20	0.10	40.0	0.05	7.17	5.5
105I	811443	0.14	87	62	64	57	8.8	5.5	0.2	0.1	0.20	0.10	48.5	0.05	5.12	1.0
105I	811444	0.44	169	461	3210	20	31.5	25.4	0.2	0.2	0.28	0.10	228.3	0.05	4.22	1.0
105I	811445	0.10	145	115	159	20	9.4	5.4	0.2	0.2	0.25	0.10	56.8	0.05	4.79	1.0

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811446	0.20	145	151	213	20	7.1	6.1	0.2	0.2	0.20	0.10	62.9	0.05	4.31	1.0
105I	811447	0.24	145	150	211	20	7.2	6.2	0.2	0.2	0.20	0.10	64.4	0.05	4.29	1.0
105I	811448	0.05	122	9	5	20	16.1	7.9	0.6	0.1	0.10	0.10	69.0	0.05	7.40	9.7
105I	811450	0.05	94	22	5	20	29.3	12.4	0.6	0.2	0.10	0.10	106.0	0.05	7.84	26.7
105I	811451	0.05	46	27	5	20	3.7	3.2	0.3	0.2	0.10	0.10	59.8	0.05	7.08	4.8
105I	811452	0.05	32	7	5	20	4.4	3.0	0.4	0.1	0.10	0.10	11.3	0.05	7.42	11.6
105I	811453	0.05	62	6	5	20	14.0	4.7	0.7	0.1	0.10	0.10	10.7	0.05	7.81	25.3
105I	811454	0.05	46	2	5	20	9.3	2.9	0.8	0.1	0.10	0.10	15.8	0.05	7.62	11.9
105I	811455	0.05	66	2	5	20	17.7	4.7	0.9	0.1	0.10	0.10	35.1	0.05	7.88	30.1
105I	811456	0.05	27	2	5	20	7.5	2.1	0.8	0.1	0.10	0.10	72.0	0.10	7.61	11.7
105I	811457	0.05	27	2	5	20	34.0	5.1	1.7	0.2	1.13	0.10	5.3	0.24	8.44	109.1
105I	811458	0.05	12	2	5	20	11.4	2.7	0.8	0.1	0.10	0.10	7.2	0.05	7.81	32.1
105I	811459	0.05	12	2	5	20	13.9	4.0	1.1	0.2	0.10	0.10	18.1	0.13	7.84	34.1
105I	811460	0.05	32	174	5	42	8.2	2.2	1.4	0.3	0.40	0.10	12.9	2.03	7.48	13.7
105I	811462	0.05	12	9	5	20	5.9	1.9	0.9	0.1	0.10	0.10	6.3	0.05	7.52	11.4
105I	811463	0.05	62	86	5	61	7.4	7.2	1.7	0.4	0.10	0.10	40.9	0.05	7.43	11.1
105I	811464	0.05	50	90	5	20	6.3	1.5	0.5	0.3	0.10	0.10	18.6	0.05	6.93	3.5
105I	811465	0.20	27	2	5	20	24.7	5.1	2.0	0.2	0.10	0.10	12.8	0.13	8.29	76.4
105I	811466	0.05	12	2	5	20	17.2	3.5	0.8	0.1	0.10	0.10	5.1	0.20	8.15	56.5
105I	811467	0.05	12	2	5	20	14.7	4.0	1.0	0.1	0.10	0.10	6.3	0.15	8.08	49.5
105I	811468	0.72	27	2	5	20	33.6	5.4	0.7	0.2	0.48	0.10	34.7	0.17	8.29	77.7
105I	811469	0.72	27	2	5	20	33.8	5.4	0.7	0.2	0.42	0.10	34.7	0.17	8.31	78.4
105I	811470	1.40	58	6	5	20	39.0	11.2	0.9	0.2	0.10	0.10	70.0	0.18	8.35	88.7
105I	811471	0.60	32	2	5	20	35.4	10.7	1.0	0.2	0.10	0.10	27.2	0.19	8.47	111.6
105I	811472	1.00	32	2	5	20	35.0	12.4	1.1	0.2	0.10	0.10	40.9	0.16	8.42	104.6
105I	811474	0.75	62	2	5	20	31.5	13.8	0.6	0.3	0.10	0.10	60.0	0.10	8.32	81.5
105I	811475	0.24	32	2	5	20	17.6	10.0	0.8	0.1	0.10	0.10	14.3	0.05	8.33	76.1
105I	811476	0.05	12	2	5	20	7.7	3.5	0.6	0.1	0.10	0.10	4.1	0.05	7.86	30.6
105I	811477	0.05	138	6	5	20	20.9	5.4	0.3	0.2	0.10	0.15	24.5	0.05	8.12	50.5
105I	811478	0.29	25	2	5	20	15.3	5.6	0.5	0.1	0.10	0.10	21.4	0.05	8.06	42.8
105I	811479	0.05	25	2	5	20	8.7	2.6	0.4	0.1	0.20	0.10	4.8	0.05	7.87	29.7
105I	811480	0.05	12	2	5	20	10.8	2.5	0.5	0.1	0.10	0.10	7.2	0.05	7.90	31.7
105I	811482	0.19	12	2	5	20	22.1	3.6	0.6	0.1	0.10	0.10	13.4	0.05	8.19	59.2
105I	811483	0.19	12	2	5	20	22.0	3.5	0.6	0.1	0.10	0.10	13.3	0.05	8.19	59.1
105I	811484	0.21	12	2	5	20	15.4	1.6	0.5	0.1	0.10	0.10	7.6	0.05	7.99	39.1
105I	811485	0.17	12	2	5	20	13.6	1.2	0.4	0.1	0.10	0.10	10.0	0.05	7.84	29.8
105I	811486	0.05	12	2	5	20	6.2	1.2	0.6	0.1	0.10	0.10	5.1	0.05	7.61	11.7
105I	811487	0.10	12	2	5	20	11.8	0.5	0.6	0.1	0.10	0.10	6.3	0.05	7.82	26.1
105I	811488	0.20	12	2	5	20	20.8	0.8	0.7	0.1	0.10	0.10	8.0	0.05	8.12	50.3
105I	811489	0.05	12	2	5	20	9.7	2.4	0.5	0.1	0.10	0.10	6.8	0.05	7.84	27.6
105I	811490	0.05	12	2	5	20	8.2	2.4	0.6	0.1	0.10	0.10	8.6	0.05	7.73	21.6
105I	811491	0.33	62	2	5	20	21.2	8.4	1.0	0.1	0.10	0.15	20.2	0.05	8.27	71.7
105I	811492	0.05	12	2	5	20	9.2	5.0	0.6	0.1	0.10	0.10	8.8	0.05	7.95	36.5
105I	811494	1.00	71	2	5	20	37.0	14.8	0.8	0.2	0.10	0.10	36.7	0.05	8.44	104.7
105I	811495	1.52	42	2	5	20	35.8	15.2	0.4	0.4	0.37	0.10	41.9	0.05	8.45	115.5
105I	811496	0.10	32	2	5	20	27.7	1.0	0.4	0.3	0.20	0.10	6.7	0.05	8.18	71.6
105I	811497	0.41	30	2	5	20	39.6	8.7	0.9	0.3	0.10	0.10	22.3	0.05	8.47	118.7
105I	811498	0.17	12	2	5	20	36.2	5.3	0.8	0.1	0.10	0.10	6.2	0.05	8.47	111.7
105I	811499	0.25	12	2	5	20	40.1	6.1	0.5	0.2	0.10	0.10	32.7	0.05	8.42	96.8
105I	811500	0.27	12	2	5	20	45.8	8.4	0.6	0.2	0.10	0.10	47.4	0.05	8.48	109.5

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811502	0.39	36	2	5	20	21.3	6.3	0.7	0.1	0.10	0.10	24.1	0.05	8.18	57.9
105I	811503	0.39	36	2	5	20	21.2	6.3	0.7	0.1	0.10	0.10	24.6	0.05	8.17	57.7
105I	811504	0.05	12	2	5	20	8.1	4.8	0.5	0.1	0.10	0.10	9.8	0.05	7.90	31.7
105I	811505	1.16	55	7	5	20	29.5	7.6	0.8	0.1	0.10	0.10	55.9	0.05	8.17	56.4
105I	811506	0.30	25	2	5	20	18.7	4.6	0.8	0.1	0.10	0.10	18.5	0.05	8.10	48.9
105I	811507	0.05	12	2	5	20	9.4	3.6	0.6	0.1	0.10	0.10	7.9	0.05	7.88	31.3
105I	811508	0.05	12	2	5	20	9.4	2.5	0.5	0.1	0.10	0.10	7.3	0.05	7.83	27.4
105I	811509	0.05	12	2	5	20	11.1	1.9	0.4	0.1	0.10	0.10	9.5	0.05	7.84	27.2
105I	811511	0.05	12	14	5	20	14.1	1.5	0.4	0.1	0.10	0.10	3.4	0.05	7.93	38.4
105I	811512	0.05	12	5	5	20	6.0	1.8	0.3	0.1	0.10	0.10	7.4	0.05	7.56	11.3
105I	811513	0.05	12	2	5	20	7.2	2.1	0.2	0.1	0.10	0.10	9.9	0.05	7.58	11.7
105I	811514	0.13	12	2	5	20	21.4	1.6	0.6	0.1	0.10	0.10	3.1	0.05	8.17	59.2
105I	811515	0.21	12	2	5	20	10.2	4.5	0.5	0.1	0.10	0.10	8.1	0.05	7.92	37.1
105I	811516	0.40	12	30	5	20	26.0	7.2	0.3	0.1	0.10	0.10	14.2	0.05	8.29	83.1
105I	811517	0.56	36	17	5	20	12.8	4.9	0.4	0.1	0.10	0.10	22.7	0.05	7.89	32.9
105I	811518	3.70	43	34	5	20	36.4	18.4	0.6	0.3	0.10	0.10	0.5	0.05	8.50	115.7
105I	811519	0.39	12	7	5	20	20.5	0.6	0.6	0.6	0.10	0.10	16.4	0.05	7.91	39.7
105I	811520	0.46	12	2	5	20	12.6	0.3	0.5	0.1	0.10	0.10	9.2	0.05	7.76	22.4
105I	811522	0.20	12	5	5	20	17.7	0.4	0.5	0.6	0.10	0.10	11.9	0.05	7.95	34.0
105I	811523	0.34	25	2	5	20	19.6	0.6	0.5	0.6	0.22	0.10	16.9	0.05	7.91	31.3
105I	811524	0.81	12	2	5	20	21.3	0.6	0.7	0.1	0.10	0.10	18.3	0.05	7.98	36.9
105I	811525	0.31	25	2	5	20	19.0	3.1	0.5	0.1	0.10	0.10	20.2	0.05	8.01	40.3
105I	811526	0.17	12	2	5	20	17.0	1.3	0.4	0.1	0.10	0.10	11.0	0.05	7.95	37.1
105I	811527	0.10	12	2	5	20	11.0	1.0	0.5	0.1	0.10	0.10	8.5	0.05	7.76	21.9
105I	811528	0.10	12	2	5	20	10.6	1.1	0.5	0.1	0.10	0.10	8.5	0.05	7.72	22.5
105I	811529	0.40	12	2	5	20	25.8	0.6	0.8	0.4	0.10	0.10	16.6	0.05	8.11	50.5
105I	811530	0.60	12	2	5	20	30.1	0.6	0.6	1.0	0.10	0.10	16.0	0.05	8.20	60.7
105I	811531	0.34	12	2	5	20	27.1	0.5	0.6	1.0	0.10	0.10	14.2	0.12	8.17	56.8
105I	811532	0.05	12	2	5	20	11.8	1.7	0.6	0.1	0.10	0.10	6.2	0.12	7.86	29.1
105I	811533	0.94	12	2	5	20	26.3	2.1	0.6	0.1	0.10	0.10	22.7	0.10	8.16	53.8
105I	811534	0.05	12	2	5	20	2.3	0.3	0.3	0.1	0.10	0.10	2.9	0.05	6.68	2.0
105I	811535	0.40	12	2	5	20	28.8	0.5	0.6	1.0	0.10	0.10	18.8	0.28	8.19	58.7
105I	811537	0.05	12	12	5	20	10.6	0.6	0.8	0.2	0.10	0.10	2.9	0.05	7.84	27.5
105I	811538	0.05	12	5	5	20	5.4	0.3	0.2	0.1	0.10	0.10	3.4	0.13	7.37	9.6
105I	811539	0.30	12	2	5	20	12.1	1.1	0.4	0.1	0.10	0.10	9.8	0.05	7.77	22.0
105I	811540	0.05	12	2	5	20	2.5	0.2	0.4	0.1	0.10	0.10	1.4	0.05	7.06	5.0
105I	811542	0.30	12	2	5	20	20.9	0.4	0.5	0.7	0.10	0.10	11.0	0.05	8.04	42.0
105I	811543	0.27	12	2	5	20	14.4	1.2	0.3	0.1	0.10	0.10	6.1	0.10	7.95	33.6
105I	811544	0.24	12	2	5	20	12.7	1.0	0.3	0.1	0.10	0.10	5.8	0.05	7.88	29.5
105I	811545	0.05	12	12	43	20	4.4	1.1	0.2	0.1	0.10	0.10	11.9	0.17	5.19	1.0
105I	811546	0.05	12	6	5	20	13.0	2.8	0.3	0.1	0.10	0.10	32.7	0.05	7.22	7.0
105I	811547	0.05	12	8	22	20	6.3	1.4	0.3	0.1	0.10	0.10	17.9	0.10	6.52	1.0
105I	811548	0.05	12	2	5	20	6.1	0.8	0.3	0.1	0.10	0.10	5.0	0.12	7.30	11.0
105I	811549	0.11	12	7	22	20	18.0	4.3	0.3	0.2	0.10	0.10	49.9	0.17	7.33	8.7
105I	811550	0.05	12	2	5	20	22.8	2.6	0.3	0.4	0.10	0.10	21.0	0.05	8.08	45.7
105I	811552	0.40	12	13	5	20	18.1	1.5	0.4	0.1	0.10	0.10	13.5	0.33	8.02	39.2
105I	811553	0.10	12	7	5	20	24.5	1.7	0.5	0.8	0.10	0.10	18.4	0.22	8.14	51.1
105I	811554	0.05	50	19	45	20	14.6	2.4	0.8	0.4	0.10	0.10	37.4	0.28	7.32	8.6
105I	811555	0.05	50	21	46	20	14.8	2.4	0.8	0.4	0.10	0.10	36.7	0.19	7.33	8.4
105I	811556	1.42	12	7	5	20	25.3	1.8	0.7	0.1	0.10	0.10	27.7	0.48	8.05	41.2

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811557	0.05	12	14	36	20	4.8	1.2	0.4	0.1	0.10	0.10	16.2	0.11	4.48	1.0
105I	811558	0.22	12	2	5	20	14.8	1.7	0.6	0.1	0.10	0.10	8.3	0.56	7.95	35.3
105I	811559	0.30	12	2	5	20	19.1	2.3	0.7	0.1	0.10	0.10	13.4	0.14	8.04	44.6
105I	811560	0.05	12	7	5	20	6.4	1.1	0.3	0.1	0.10	0.10	16.9	0.12	6.82	2.5
105I	811562	0.05	12	6	5	20	6.4	0.9	0.3	0.1	0.10	0.10	9.3	0.17	7.41	10.3
105I	811563	0.80	12	2	5	20	25.6	4.9	1.1	0.1	0.10	0.10	22.7	0.05	8.25	62.7
105I	811564	0.38	12	2	5	20	22.1	6.4	1.3	0.1	0.10	0.10	17.4	0.05	8.28	67.5
105I	811565	0.05	12	2	5	20	15.2	5.7	0.9	0.1	0.10	0.10	8.8	0.05	8.17	54.5
105I	811566	0.20	12	2	5	20	18.1	3.8	0.9	0.1	0.10	0.10	12.1	0.11	8.14	49.9
105I	811567	0.05	12	2	5	20	10.3	3.3	0.5	0.1	0.10	0.10	11.1	0.05	7.87	27.4
105I	811568	0.05	12	7	5	20	7.1	1.7	0.4	0.1	0.10	0.10	19.4	0.05	7.01	4.1
105I	811569	0.05	12	7	5	20	7.1	1.7	0.4	0.1	0.10	0.10	18.9	0.05	6.91	3.7
105I	811570	0.14	12	2	5	20	22.7	6.0	0.8	0.1	0.10	0.10	14.8	0.05	8.27	67.9
105I	811571	0.50	12	2	5	20	28.6	3.5	0.6	0.1	0.10	0.10	17.1	0.05	8.28	70.6
105I	811573	4.40	85	50	5	20	47.0	10.1	0.2	0.4	0.40	0.10	76.0	0.38	8.34	87.2
105I	811574	0.10	12	10	5	20	9.8	4.4	0.5	0.1	0.10	0.10	6.3	0.27	7.98	36.8
105I	811575	1.84	12	2	5	20	44.7	10.4	0.8	0.2	0.10	0.10	81.4	0.35	8.38	85.1
105I	811576	0.10	12	2	5	20	13.5	2.8	0.5	0.1	0.10	0.10	12.1	0.24	7.93	32.4
105I	811577	0.05	12	2	5	20	7.3	2.0	0.3	0.2	0.10	0.10	5.7	0.24	7.66	21.2
105I	811578	0.53	12	2	5	20	23.1	4.2	0.5	0.1	0.10	0.10	24.7	0.27	8.13	50.6
105I	811579	0.10	12	2	5	20	21.1	2.1	0.5	0.1	0.10	0.10	9.3	0.27	8.16	51.0
105I	811580	0.05	12	2	5	20	3.9	0.8	0.5	0.1	0.10	0.10	2.0	0.19	7.39	10.9
105I	811582	0.10	12	2	5	20	12.5	2.3	0.4	0.1	0.10	0.10	7.3	0.11	7.93	34.4
105I	811583	0.05	12	2	5	20	12.9	2.4	0.4	0.1	0.10	0.10	7.2	0.05	7.94	34.8
105I	811584	0.05	12	2	5	20	9.2	1.2	0.6	0.1	0.10	0.10	12.5	0.10	7.78	25.5
105I	811585	0.05	12	2	5	20	10.1	0.8	0.4	0.1	0.10	0.10	5.5	0.05	7.73	23.0
105I	811587	0.05	12	13	5	20	5.9	2.9	0.2	0.1	0.10	0.10	4.2	0.05	7.74	21.5
105I	811588	0.05	12	7	5	20	4.4	2.7	0.3	0.1	0.31	0.10	3.5	0.05	7.65	12.5
105I	811589	0.05	12	2	5	20	13.2	1.2	0.4	0.1	0.10	0.10	6.7	0.05	7.92	32.1
105I	811590	0.05	12	2	5	20	14.0	1.2	0.4	0.1	0.10	0.10	6.2	0.05	7.96	35.3
105I	811591	0.05	12	2	5	20	3.6	1.6	0.2	0.1	0.10	0.10	4.6	0.05	7.40	10.7
105I	811592	0.05	12	2	5	20	10.6	0.9	0.4	0.1	0.10	0.10	3.2	0.05	7.83	27.2
105I	811593	0.05	12	2	5	20	5.2	0.5	0.3	0.1	0.24	0.10	1.4	0.05	7.49	13.4
105I	811594	0.05	12	2	5	20	6.4	1.9	0.2	0.1	0.10	0.10	13.1	0.12	7.34	9.8
105I	811595	0.11	12	2	5	20	9.9	1.2	0.3	0.1	0.10	0.10	12.5	0.05	7.63	12.3
105I	811596	0.05	12	28	31	20	8.4	2.7	0.4	0.1	0.24	0.10	30.2	0.10	6.36	1.0
105I	811597	0.05	12	5	5	20	6.0	0.4	0.3	0.1	0.10	0.10	5.7	0.05	7.42	11.5
105I	811598	0.12	12	2	5	20	12.3	1.3	0.3	0.1	0.10	0.10	7.4	0.17	7.75	30.4
105I	811599	0.10	12	2	5	20	13.6	1.1	0.3	0.1	0.10	0.10	5.6	0.15	7.91	33.7
105I	811600	0.12	12	2	5	20	9.6	1.2	0.2	0.1	0.10	0.10	6.3	0.13	7.72	22.1
105I	811602	0.34	25	2	5	20	18.7	0.9	0.4	0.1	0.10	0.10	6.1	0.17	8.00	37.7
105I	811603	0.30	12	2	5	20	18.6	0.9	0.4	0.1	0.10	0.10	13.0	0.10	7.99	37.5
105I	811604	0.30	12	2	5	20	23.5	2.3	0.6	0.1	0.10	0.10	9.7	0.13	8.19	60.9
105I	811605	0.50	12	2	5	20	22.2	1.5	0.4	0.1	0.10	0.10	11.9	0.10	8.13	51.0
105I	811606	0.05	12	2	5	20	13.3	1.2	0.4	0.1	0.10	0.10	6.7	0.05	7.91	31.7
105I	811608	0.36	12	17	5	20	15.6	2.4	0.3	0.1	0.10	0.10	11.1	0.05	8.01	38.4
105I	811609	0.05	12	10	5	20	12.0	2.0	0.5	0.1	1.62	0.10	9.1	0.05	7.87	29.1
105I	811610	0.20	12	2	5	20	16.1	2.3	0.5	0.1	0.10	0.10	11.1	0.05	8.03	39.7
105I	811611	1.64	50	11	5	20	31.7	8.9	0.6	0.2	0.21	0.10	74.9	0.05	8.11	48.1
105I	811612	0.16	12	2	5	20	10.3	0.9	0.3	0.1	0.10	0.10	8.9	0.05	7.71	21.1

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811613	0.30	12	2	5	20	18.0	3.5	0.4	0.1	0.10	0.10	18.1	0.05	8.03	41.3
105I	811614	0.12	12	2	5	20	9.7	2.8	0.3	0.1	0.10	0.10	8.2	0.27	7.81	26.8
105I	811615	4.40	50	2	5	20	70.3	10.4	0.8	0.2	0.10	0.10	106.2	0.27	8.51	119.3
105I	811616	0.05	12	2	5	20	14.9	2.5	0.4	0.1	0.10	0.10	9.6	0.16	7.99	37.5
105I	811617	0.29	25	2	5	20	16.3	10.3	0.3	0.1	0.19	0.10	34.2	0.17	8.11	49.0
105I	811618	0.30	12	2	5	20	15.8	4.1	0.5	0.1	0.10	0.10	26.6	0.16	7.89	30.4
105I	811619	0.05	30	8	5	20	8.0	5.5	0.3	0.2	0.19	0.10	29.0	0.16	7.52	12.6
105I	811620	0.25	25	5	5	20	30.3	3.0	0.3	0.4	2.37	0.10	6.0	0.27	8.34	82.8
105I	811622	0.70	12	2	5	20	31.2	4.3	0.3	0.4	0.10	0.10	9.5	0.26	8.38	87.4
105I	811623	0.15	12	2	5	20	20.6	8.4	0.2	0.1	0.10	0.10	5.1	0.28	8.35	82.1
105I	811624	0.05	12	2	5	20	14.6	4.2	0.4	0.1	0.10	0.10	8.4	0.20	8.10	45.6
105I	811625	0.51	12	2	5	20	40.0	4.6	0.4	0.2	0.19	0.10	14.6	0.21	8.47	106.8
105I	811626	0.51	12	2	5	20	40.4	4.6	0.4	0.1	0.12	0.10	14.6	0.26	8.46	107.2
105I	811627	0.28	12	2	5	20	41.3	7.6	0.3	0.1	0.36	0.10	14.6	0.10	8.52	120.9
105I	811628	0.91	12	2	5	20	33.3	5.9	0.5	0.1	0.24	0.10	2.0	0.20	8.43	142.3
105I	811629	0.94	12	2	5	20	44.9	8.2	0.2	0.2	0.10	0.10	52.4	0.05	8.40	93.3
105I	811630	0.39	12	2	5	20	30.3	10.4	0.4	0.3	0.10	0.10	6.5	0.13	8.48	111.6
105I	811631	0.78	12	5	5	20	47.1	7.9	0.4	0.2	0.38	0.10	28.1	0.14	8.54	124.9
105I	811632	0.42	12	5	5	20	46.6	6.4	0.4	0.2	0.25	0.10	20.2	0.15	8.54	124.7
105I	811633	0.05	12	2	5	20	23.1	2.5	0.1	0.1	0.10	0.10	0.2	0.26	8.27	69.7
105I	811635	1.58	12	7	5	20	34.5	7.0	0.2	0.2	0.85	0.10	17.1	0.22	8.42	101.0
105I	811636	0.68	12	2	5	20	37.8	7.0	0.2	0.2	0.73	0.10	13.7	0.26	8.48	111.9
105I	811637	0.22	12	5	5	20	42.2	4.3	0.3	0.1	0.10	0.10	5.8	0.24	8.52	123.3
105I	811638	1.66	27	2	5	20	29.8	8.1	0.2	0.2	0.32	0.10	13.5	0.05	8.44	101.0
105I	811639	1.70	44	2	5	20	32.3	12.0	0.2	0.2	0.32	0.10	9.9	0.14	8.53	124.0
105I	811640	1.46	50	2	5	20	26.7	10.0	0.2	0.1	0.32	0.10	7.4	0.11	8.46	105.2
105I	811642	0.22	50	2	5	20	41.1	6.5	0.4	0.2	0.10	0.10	8.6	0.18	8.53	126.2
105I	811643	0.43	12	2	5	20	24.7	4.8	0.2	0.1	0.10	0.10	3.2	0.14	8.30	81.3
105I	811644	0.92	26	2	5	20	41.2	9.9	0.3	0.2	0.28	0.10	10.5	0.21	8.62	155.2
105I	811645	0.33	26	2	5	20	36.0	7.2	0.3	0.2	0.39	0.10	11.6	0.22	8.49	111.2
105I	811646	0.83	26	2	5	20	26.5	7.9	0.2	0.3	0.25	0.10	13.2	0.21	8.51	139.9
105I	811647	0.83	26	2	5	20	33.4	7.9	0.2	0.3	0.25	0.10	13.2	0.19	8.54	144.2
105I	811648	0.60	26	2	5	20	35.2	8.0	0.3	0.2	0.10	0.10	17.7	0.16	8.46	107.4
105I	811649	1.14	12	2	5	20	37.6	8.9	0.4	0.3	0.35	0.10	36.0	0.17	8.52	121.9
105I	811650	1.24	12	2	5	20	55.4	13.5	0.4	0.2	1.01	0.10	111.8	0.21	8.51	123.4
105I	811651	4.80	26	2	5	20	10.6	0.5	0.3	0.3	0.21	0.10	3.6	0.14	7.86	26.3
105I	811652	4.60	28	2	5	20	11.4	0.4	0.4	0.2	0.21	0.10	2.8	0.17	7.90	30.1
105I	811653	3.60	35	2	5	20	28.0	2.1	0.2	0.5	0.10	0.10	5.2	0.19	8.33	76.8
105I	811654	1.14	48	2	5	20	38.3	2.5	0.2	0.6	1.67	3.35	4.5	0.10	8.47	106.8
105I	811655	0.90	30	2	5	20	49.9	6.5	0.5	0.2	0.49	0.55	18.0	0.10	8.58	140.7
105I	811656	2.40	71	2	5	20	52.7	9.6	0.5	0.4	0.10	0.11	14.4	0.24	8.65	168.3
105I	811657	1.40	64	2	5	20	41.8	4.8	0.3	0.5	0.21	0.10	6.5	0.15	8.52	122.8
105I	811658	5.80	75	2	5	20	31.0	2.2	0.4	0.4	0.49	0.10	14.9	0.11	8.31	74.2
105I	811659	0.39	64	11	5	20	27.5	1.0	0.3	0.7	0.39	0.10	15.8	0.05	8.19	58.9
105I	811662	0.54	33	24	5	20	30.3	1.2	0.2	0.7	0.21	0.10	14.1	0.05	8.27	70.7
105I	811663	1.70	130	18	5	20	16.0	1.3	0.6	0.3	0.35	0.10	20.4	0.26	7.84	26.4
105I	811664	2.00	130	14	5	20	16.7	1.3	0.7	0.3	0.35	0.10	20.9	0.14	7.86	27.6
105I	811665	0.80	27	2	5	20	1.5	0.1	0.4	0.1	0.10	0.10	1.0	0.05	6.86	3.2
105I	811666	0.75	27	2	5	20	1.4	0.1	0.3	0.1	0.10	0.10	1.1	0.05	6.77	2.8
105I	811667	2.00	34	6	5	20	4.9	0.3	0.2	0.1	0.10	0.10	3.3	0.05	7.38	10.3

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811668	1.10	12	2	5	20	11.1	0.4	0.3	0.2	0.10	0.10	10.5	0.05	7.77	20.9
105I	811669	1.20	27	10	5	20	17.1	0.3	0.3	0.3	0.10	0.10	6.1	0.12	8.05	39.8
105I	811671	1.80	48	5	5	20	3.9	0.3	0.3	0.1	0.10	0.10	2.6	0.05	7.29	8.7
105I	811672	0.95	39	2	5	20	3.6	0.2	0.3	0.1	0.10	0.10	3.3	0.05	7.18	6.4
105I	811673	1.10	37	9	5	20	2.0	0.2	0.2	0.1	0.10	0.10	4.2	0.05	6.55	1.0
105I	811674	1.10	12	2	5	20	0.8	0.1	0.2	0.1	0.10	0.10	0.5	0.05	6.39	1.0
105I	811675	0.05	54	80	48	20	4.9	2.5	0.7	0.3	0.10	0.10	23.6	0.05	4.68	1.0
105I	811676	1.30	64	9	5	20	38.8	0.8	0.6	0.5	0.46	0.10	12.9	0.05	8.40	93.8
105I	811677	1.02	29	2	5	20	53.4	2.7	0.4	0.9	0.10	0.10	17.1	0.05	8.57	134.5
105I	811678	1.26	29	9	5	20	44.8	7.3	0.5	0.2	0.10	0.10	14.4	0.05	8.57	134.3
105I	811679	0.84	12	2	5	20	40.4	7.4	0.4	0.2	0.10	0.10	19.3	0.05	8.50	117.3
105I	811680	1.60	12	36	5	20	43.5	5.7	0.3	0.2	0.10	0.10	23.9	0.20	8.50	112.7
105I	811682	1.07	12	9	5	20	35.8	8.6	0.3	0.2	0.21	0.10	26.0	0.14	8.45	102.8
105I	811683	0.43	12	2	5	20	35.3	10.1	0.2	0.2	0.21	0.10	30.0	0.13	8.46	102.9
105I	811684	0.05	12	2	5	20	16.4	4.9	0.3	0.2	1.50	0.10	4.4	0.14	8.20	58.1
105I	811685	1.70	12	2	5	20	33.3	12.3	0.2	0.2	0.10	0.10	28.9	0.24	8.43	106.7
105I	811686	1.70	12	2	5	20	31.9	12.0	0.2	0.2	0.10	0.10	27.0	0.16	8.47	106.7
105I	811688	1.74	45	32	5	20	37.5	6.9	0.2	0.3	0.10	0.10	38.7	0.05	8.37	88.5
105I	811689	0.42	12	10	5	20	25.2	6.3	0.2	0.2	0.21	0.10	12.0	0.14	8.39	90.3
105I	811690	1.70	12	6	5	20	41.8	12.6	0.2	0.2	0.36	0.10	57.7	0.05	8.47	107.6
105I	811691	3.10	12	9	5	20	40.9	12.6	0.3	0.2	0.50	0.10	38.5	0.13	8.51	118.6
105I	811692	0.36	12	2	5	20	37.7	9.1	0.5	0.3	0.10	0.10	24.0	0.11	8.45	110.5
105I	811693	0.62	12	2	5	20	39.1	10.8	0.3	0.2	0.36	0.10	4.5	0.10	8.59	143.2
105I	811694	0.40	12	2	5	20	44.4	8.9	0.4	0.2	0.43	0.10	15.3	0.10	8.58	139.7
105I	811695	2.02	12	2	5	20	41.5	8.3	0.2	0.2	0.36	0.10	27.3	0.05	8.50	113.0
105I	811696	0.28	75	2	5	20	29.9	3.1	0.2	0.1	0.10	0.10	5.4	0.05	8.36	85.0
105I	811697	1.05	60	6	5	20	29.5	10.2	0.2	0.1	0.28	0.10	12.7	0.10	8.46	104.5
105I	811698	0.64	60	2	5	20	48.2	10.1	1.3	0.3	0.28	0.10	13.5	0.17	8.64	158.0
105I	811699	1.38	36	2	5	20	38.4	5.1	0.3	0.1	0.10	0.10	18.9	0.14	8.58	140.2
105I	811700	1.60	70	5	5	20	46.2	8.2	0.6	0.2	0.44	0.10	27.6	0.17	8.53	125.3
105I	811702	1.32	60	2	5	20	29.0	9.8	0.4	0.2	0.22	0.10	14.3	0.14	8.43	100.1
105I	811703	1.97	79	71	5	20	30.9	11.9	0.5	0.2	0.44	0.10	16.4	0.14	8.48	113.0
105I	811704	1.97	94	423	5	20	29.9	11.9	0.5	0.2	0.33	0.10	17.2	0.15	8.48	112.1
105I	811705	0.66	94	60	5	20	38.8	9.9	0.8	0.2	0.50	0.10	20.4	0.14	8.51	122.4
105I	811706	0.26	45	8	5	20	39.0	7.3	0.6	0.2	0.33	0.10	13.1	0.14	8.51	118.9
105I	811707	0.97	41	68	5	20	34.9	8.9	0.4	0.2	0.50	0.10	24.6	0.17	8.45	105.3
105I	811708	0.48	28	5	5	20	41.4	9.0	0.8	0.2	0.44	0.10	24.1	0.11	8.51	122.2
105I	811709	2.20	56	54	5	20	39.0	11.0	1.1	0.2	0.33	0.10	34.2	0.10	8.49	114.0
105I	811710	0.92	31	110	5	20	34.1	10.0	0.3	0.2	0.10	0.10	38.1	0.15	8.40	91.7
105I	811711	6.40	34	41	5	20	36.9	7.3	0.2	0.2	0.40	0.10	37.4	0.05	8.36	87.1
105I	811712	4.60	29	2	5	20	34.4	8.0	0.3	0.3	0.40	0.10	89.0	0.13	8.39	110.8
105I	811713	1.06	12	6	5	20	42.2	13.4	0.3	0.3	0.10	0.10	35.1	0.18	8.53	125.9
105I	811714	4.00	129	1433	191	20	27.2	7.2	0.4	0.9	1.00	0.10	144.0	0.05	4.50	1.0
105I	811715	2.10	135	664	127	20	43.9	11.0	0.4	0.3	1.10	0.10	112.3	0.27	8.02	42.6
105I	811716	1.42	31	112	5	20	36.1	12.9	0.3	0.3	0.10	0.10	23.1	0.15	8.51	122.1
105I	811717	5.00	12	63	5	20	47.1	14.3	0.4	0.2	0.40	0.10	55.1	0.28	8.52	125.7
105I	811718	0.44	12	8	5	20	10.9	0.9	0.4	0.1	0.33	0.10	5.3	0.21	7.78	25.6
105I	811719	2.80	36	42	27	20	45.6	6.8	0.3	0.4	0.67	0.10	60.9	0.22	8.37	88.7
105I	811722	2.30	12	46	5	20	36.4	5.1	0.2	0.2	0.37	0.10	25.7	0.28	8.39	90.2
105I	811723	2.10	12	250	5	20	39.6	5.2	0.3	0.2	0.10	0.10	17.8	0.37	8.45	105.2

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811724	0.40	12	16	5	20	27.9	7.0	0.2	0.2	0.26	0.10	8.3	0.24	8.36	92.2
105I	811725	1.73	29	14	5	20	37.6	7.6	0.3	0.2	0.10	0.10	20.6	0.28	8.46	107.2
105I	811726	0.19	12	9	5	20	19.0	7.8	0.2	0.2	0.10	0.10	10.8	0.17	8.26	68.6
105I	811727	0.05	12	47	5	20	9.1	5.1	1.0	0.3	0.10	0.10	22.8	0.05	7.70	21.2
105I	811728	0.05	65	140	5	20	14.7	7.1	0.5	0.4	0.10	0.10	63.7	0.15	7.51	12.9
105I	811729	0.05	64	177	5	20	15.1	7.9	0.5	0.3	0.10	0.10	69.4	0.05	7.38	9.6
105I	811730	0.05	60	405	5	20	11.9	6.8	0.4	0.3	0.10	0.10	44.6	0.05	7.56	14.4
105I	811731	0.05	48	33	5	20	11.8	5.7	0.3	0.3	0.10	0.10	42.8	0.05	7.49	12.1
105I	811732	0.05	12	384	5	50	4.3	2.0	0.9	0.2	0.10	0.10	9.2	0.05	7.17	7.8
105I	811733	0.05	12	81	5	86	9.0	4.5	0.9	0.2	0.10	0.10	28.6	0.05	7.32	11.0
105I	811734	0.05	39	5	5	48	8.8	4.9	0.6	0.3	0.10	0.10	17.2	0.05	7.78	22.8
105I	811735	0.05	33	45	5	20	13.8	2.3	0.9	0.3	0.10	0.10	27.8	0.05	7.67	11.9
105I	811736	0.24	78	2	5	20	52.7	14.7	1.4	0.4	0.10	0.10	118.0	0.14	8.42	96.6
105I	811737	0.10	28	25	5	20	15.8	1.7	0.8	0.3	0.10	0.10	30.0	0.05	7.71	20.3
105I	811738	0.05	36	51	5	20	9.4	1.4	0.7	0.2	0.10	0.10	27.2	0.05	6.45	1.0
105I	811739	0.05	36	67	5	20	9.4	1.5	0.7	0.2	0.10	0.10	27.2	0.05	6.37	1.0
105I	811742	0.05	50	85	38	20	4.2	1.3	0.4	0.3	0.10	0.10	18.0	0.05	4.67	1.0
105I	811743	0.05	105	300	139	42	2.9	4.8	0.2	0.2	0.24	0.10	48.2	0.05	4.11	1.0
105I	811744	0.18	60	528	75	20	2.6	2.8	0.3	0.2	0.24	0.10	32.7	0.16	4.23	1.0
105I	811745	1.60	53	67	62	20	5.4	1.1	0.3	0.2	0.10	0.10	26.6	0.16	4.54	1.0
105I	811747	1.40	53	331	62	20	5.8	1.1	0.3	0.2	0.10	0.10	23.5	0.11	4.76	1.0
105I	811748	0.18	12	266	5	20	2.0	0.1	0.3	0.1	0.10	0.10	1.0	0.14	6.79	3.6
105I	811749	0.71	39	347	46	48	2.0	1.5	0.2	0.2	0.36	0.10	24.5	0.20	4.28	1.0
105I	811750	2.90	27	165	5	20	3.5	0.4	0.3	0.1	0.10	0.10	5.3	0.05	6.97	4.2
105I	811751	0.05	26	13	5	20	4.5	1.4	0.4	0.2	0.10	0.10	15.4	0.05	6.18	1.0
105I	811752	0.05	36	137	10	20	8.6	1.8	0.6	0.2	0.10	0.10	25.6	0.11	6.38	1.0
105I	811753	0.05	30	13	5	20	9.3	1.5	0.7	0.3	0.29	0.10	23.4	0.10	7.01	4.2
105I	811754	0.05	79	331	138	55	9.9	5.4	0.5	0.2	0.10	0.10	70.2	0.13	4.57	1.0
105I	811755	0.05	26	38	5	20	5.8	0.9	0.5	0.2	0.58	0.10	14.4	0.30	6.64	2.0
105I	811756	0.05	38	45	5	20	16.0	1.5	0.7	0.3	0.10	0.10	7.8	0.12	7.69	13.8
105I	811757	1.52	12	266	5	20	37.6	4.9	0.3	0.2	0.10	0.10	5.7	0.12	8.40	91.0
105I	811758	2.07	12	387	5	20	53.1	5.9	0.4	0.2	0.36	0.10	7.8	0.21	8.54	125.7
105I	811759	0.76	33	80	5	20	28.4	3.1	0.5	0.3	0.36	0.10	57.9	0.10	7.88	28.2
105I	811760	4.30	46	92	5	20	58.9	9.3	0.8	0.4	0.10	0.10	9.9	0.37	8.65	165.1
105I	811762	1.80	28	71	5	20	36.7	7.4	0.2	0.2	0.10	0.10	32.6	0.29	8.41	93.2
105I	811763	1.90	33	6	5	20	48.9	8.7	0.3	0.3	0.10	0.10	37.8	0.18	8.55	126.2
105I	811764	0.39	25	20	25	20	34.0	9.9	0.3	0.2	0.10	0.10	49.5	0.10	8.34	81.6
105I	811765	0.79	12	119	5	20	39.1	10.8	0.3	0.2	0.10	0.10	51.3	0.17	8.43	97.3
105I	811766	0.44	12	32	5	20	28.3	6.1	0.1	0.1	0.10	0.10	12.2	0.10	8.35	84.8
105I	811767	1.60	12	6	5	20	35.7	5.6	0.2	0.2	0.10	0.10	14.5	0.12	8.41	102.3
105I	811768	2.40	53	42	5	20	46.4	5.0	0.3	0.2	0.29	0.10	104.7	0.05	8.14	50.3
105I	811769	0.40	25	26	5	20	19.9	1.4	0.5	0.5	0.26	0.10	27.7	0.05	7.89	30.6
105I	811771	0.05	12	6	5	20	8.9	0.7	0.6	0.2	0.46	0.10	11.5	0.05	7.49	14.4
105I	811772	0.05	12	35	23	20	3.0	0.7	0.3	0.4	0.10	0.10	11.4	0.05	5.06	1.0
105I	811773	0.10	12	35	23	20	2.8	0.7	0.3	0.4	0.22	0.10	10.7	0.05	4.86	1.0
105I	811774	0.05	12	2	5	20	2.5	0.4	0.3	0.2	0.10	0.10	4.7	0.05	6.80	3.0
105I	811775	0.17	68	151	82	20	11.0	3.7	0.5	0.2	0.29	0.10	47.2	0.05	4.71	1.0
105I	811776	0.05	32	2	5	20	3.8	0.5	1.0	0.3	0.10	0.10	7.3	0.05	7.16	6.3
105I	811777	0.10	50	101	63	20	6.3	2.1	0.5	0.4	0.22	0.10	26.3	0.05	4.99	1.0
105I	811778	0.19	168	333	375	62	13.7	11.8	0.4	0.3	0.10	0.10	125.9	0.05	4.51	1.0

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811779	0.05	73	107	80	20	7.0	3.7	0.3	0.2	0.10	0.10	35.2	0.05	4.99	1.0
105I	811780	0.05	214	562	363	62	14.1	14.7	0.2	0.4	0.21	0.10	41.7	0.05	4.45	1.0
105I	811782	0.26	37	2	5	20	26.9	5.1	0.2	0.2	0.10	0.10	42.0	0.05	8.08	42.9
105I	811783	0.05	69	10	5	262	7.7	3.3	0.6	0.3	0.10	0.10	23.4	0.05	7.13	6.0
105I	811784	0.05	69	11	5	112	7.7	3.3	0.6	0.2	0.10	0.10	23.4	0.05	7.13	6.1
105I	811785	0.05	108	10	5	20	15.1	4.0	0.4	0.3	0.10	0.10	38.6	0.05	7.60	10.8
105I	811786	0.05	69	5	5	20	17.0	4.6	0.3	0.3	0.10	0.10	34.7	0.13	7.85	23.7
105I	811787	0.10	54	26	5	20	12.7	1.9	0.4	0.2	0.10	0.10	25.5	0.05	7.49	12.4
105I	811788	0.10	35	45	5	20	8.1	1.1	0.6	0.1	0.10	0.10	18.1	0.05	7.12	5.3
105I	811789	0.05	50	5	5	20	16.0	2.1	0.4	0.2	0.10	0.10	22.1	0.05	7.80	24.2
105I	811790	1.60	58	543	256	40	39.9	3.6	0.4	0.5	0.45	0.10	133.2	0.05	4.91	1.0
105I	811791	0.24	267	268	5	20	21.6	3.3	0.4	0.3	0.45	0.10	82.3	0.05	4.81	1.0
105I	811792	0.05	30	5	5	20	3.8	0.3	0.3	0.2	0.10	0.10	6.0	0.05	7.07	5.1
105I	811793	0.05	12	5	5	20	10.2	0.6	0.6	0.2	0.10	0.10	13.2	0.05	7.63	11.3
105I	811794	1.72	33	2	5	20	19.5	1.5	0.2	0.3	0.26	0.10	7.2	0.05	8.15	48.1
105I	811795	0.26	12	2	5	20	27.8	4.5	0.2	0.3	0.10	0.10	10.8	0.19	8.35	77.4
105I	811796	0.05	12	5	5	20	12.3	1.4	0.3	0.1	0.10	0.10	16.0	0.05	7.73	14.4
105I	811797	0.05	12	5	5	20	6.6	1.1	0.3	0.3	0.10	0.10	12.1	0.05	7.31	8.6
105I	811798	0.59	27	5	5	20	28.9	7.4	0.1	0.1	0.10	0.10	6.9	0.16	8.41	95.9
105I	811799	3.40	58	45	5	20	68.5	5.3	0.3	0.2	0.10	0.10	51.6	0.21	8.64	155.1
105I	811802	0.05	67	55	5	20	5.1	2.4	0.3	0.2	0.10	0.10	18.1	0.05	6.87	3.0
105I	811803	0.05	48	48	5	20	5.1	2.5	0.3	0.2	0.10	0.10	18.1	0.05	6.84	2.9
105I	811804	0.11	40	83	5	20	2.5	1.9	0.3	0.3	0.10	0.10	15.5	0.05	4.88	1.0
105I	811805	0.23	40	128	5	20	5.2	2.2	0.3	0.3	0.10	0.10	20.6	0.05	5.27	1.0
105I	811806	1.09	36	12	5	20	32.5	3.2	0.3	0.2	0.10	0.10	23.3	0.10	8.31	70.8
105I	811807	0.44	28	2	5	20	23.5	5.1	0.3	0.2	0.24	0.10	38.8	0.05	8.04	39.3
105I	811808	0.18	30	2	5	20	16.0	5.0	0.3	0.2	0.10	0.10	21.2	0.05	8.03	38.4
105I	811809	0.30	31	125	5	57	9.6	3.5	0.1	0.1	0.10	0.10	51.7	0.05	3.79	1.0
105I	811810	0.05	12	2	5	20	23.0	9.1	0.1	0.1	0.10	0.10	4.2	0.05	8.41	91.1
105I	811811	0.23	12	2	5	20	37.0	7.1	0.3	0.1	0.10	0.10	25.3	0.10	8.43	95.5
105I	811813	0.35	12	24	5	20	23.6	6.3	0.1	0.1	0.10	0.10	9.1	0.14	8.28	78.1
105I	811814	0.05	12	6	33	20	33.6	5.6	0.2	0.2	0.10	0.10	25.5	0.10	8.35	83.1
105I	811815	0.23	25	2	5	20	19.1	5.8	0.2	0.2	0.10	0.10	10.5	0.05	8.22	63.9
105I	811816	0.30	12	2	5	20	28.1	7.4	0.1	0.2	0.26	0.10	30.0	0.17	8.27	73.5
105I	811817	0.42	12	2	5	20	31.1	10.0	0.3	0.2	0.10	0.10	42.7	0.17	8.31	77.7
105I	811818	0.59	12	2	5	20	34.8	11.3	0.3	0.2	0.41	0.10	35.3	0.26	8.42	100.6
105I	811819	3.20	68	29	5	20	49.7	8.2	0.3	0.5	0.69	0.10	57.9	0.29	8.42	109.1
105I	811820	1.72	12	2	5	20	40.1	12.0	0.2	0.2	0.21	0.10	50.4	0.19	8.41	102.1
105I	811822	2.32	12	7	5	20	45.5	9.4	0.2	0.3	0.24	0.10	44.2	0.24	8.43	109.7
105I	811823	2.50	12	9	5	20	46.5	9.6	0.2	0.4	0.12	0.10	44.5	0.29	8.47	111.9
105I	811824	0.28	12	2	5	20	30.6	8.2	0.2	0.2	0.29	0.10	26.7	0.18	8.31	84.6
105I	811825	0.83	45	2	154	20	35.4	13.4	0.6	0.7	0.31	0.10	19.6	0.50	8.51	125.0
105I	811826	0.30	12	2	5	20	31.8	8.6	0.2	0.2	0.52	0.10	10.5	0.23	8.45	105.8
105I	811827	0.75	12	2	5	20	32.5	9.6	0.2	0.2	0.34	0.10	32.3	0.23	8.38	88.4
105I	811828	0.05	12	2	5	20	22.6	6.4	0.1	0.1	0.21	0.10	8.6	0.28	8.28	73.7
105I	811830	1.20	12	2	42	20	31.1	9.1	0.2	0.2	0.41	0.10	35.3	0.21	8.29	80.1
105I	811831	0.22	12	2	32	20	25.0	7.1	0.2	0.2	0.35	0.10	8.6	0.05	8.33	82.6
105I	811832	0.14	12	2	31	20	26.0	5.3	0.2	0.1	0.21	0.10	8.7	0.05	8.32	77.2
105I	811833	1.60	56	2	5	20	52.2	21.0	0.1	0.3	0.10	0.10	94.7	0.05	8.47	123.5
105I	811834	2.40	12	8	5	20	33.4	9.2	0.3	0.2	0.10	0.10	20.3	0.05	8.44	101.8

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811835	3.00	31	8	5	20	49.2	12.5	1.0	0.2	0.20	0.10	88.4	0.05	8.37	93.0
105I	811836	1.92	25	22	5	20	33.6	11.7	0.2	0.2	0.58	0.13	24.7	0.05	8.43	105.0
105I	811837	0.20	31	2	5	20	25.6	5.1	0.1	0.6	0.10	0.10	5.4	0.05	8.35	78.5
105I	811838	0.64	12	2	5	20	21.0	3.8	0.1	0.5	0.10	0.10	3.5	0.05	8.23	63.7
105I	811839	1.35	520	2	5	20	46.4	19.5	1.5	1.3	0.10	0.10	117.7	0.49	8.26	107.9
105I	811840	0.05	195	5	5	20	22.6	5.2	1.0	0.3	0.10	0.10	49.8	0.05	7.86	26.8
105I	811842	2.30	355	24	5	20	48.7	16.5	0.7	0.7	0.35	0.10	39.1	0.26	8.58	152.1
105I	811843	0.23	12	2	346	20	25.7	9.3	0.1	0.1	0.10	0.10	12.1	0.05	8.37	87.9
105I	811844	0.50	12	9	5	20	24.4	9.8	0.1	0.2	0.10	0.10	16.2	0.05	8.33	86.7
105I	811845	0.50	12	10	5	20	24.5	9.8	0.2	0.2	0.10	0.10	16.2	0.05	8.24	87.0
105I	811846	1.40	60	8	5	20	33.6	9.8	0.2	0.1	0.10	0.10	19.8	0.05	8.36	106.2
105I	811847	0.71	31	2	5	20	30.5	11.9	0.2	0.2	0.39	0.10	30.9	0.05	8.34	91.7
105I	811848	0.42	12	2	5	20	25.3	9.3	0.1	0.2	0.10	0.10	16.9	0.05	8.34	86.1
105I	811849	0.50	12	2	5	20	20.3	8.9	0.2	0.2	0.10	0.10	11.4	0.05	8.29	76.2
105I	811850	0.19	12	2	5	20	24.1	4.8	0.2	0.1	0.10	0.10	15.7	0.05	8.15	65.2
105I	811851	0.13	12	2	5	20	25.4	4.2	0.2	0.1	0.10	0.10	12.0	0.05	8.29	71.4
105I	811852	0.15	12	2	5	20	30.3	3.6	0.2	0.1	0.10	0.10	17.5	0.05	8.32	74.0
105I	811853	0.21	12	2	5	20	15.6	3.7	0.1	0.1	0.10	0.10	5.6	0.05	8.07	49.1
105I	811854	0.19	12	2	5	20	23.7	8.3	0.2	0.1	0.10	0.10	5.4	0.05	8.32	89.2
105I	811855	0.40	12	2	5	20	24.2	10.5	6.6	0.1	0.10	0.10	7.6	0.98	8.39	111.8
105I	811856	1.50	31	10	5	20	29.0	5.8	0.5	0.2	0.10	0.10	21.5	0.05	8.27	195.1
105I	811857	0.17	12	2	5	20	15.9	5.4	0.1	0.1	0.10	0.10	3.3	0.05	8.13	60.1
105I	811858	2.00	35	2	5	20	50.9	14.7	0.2	0.3	0.10	0.10	35.4	0.05	8.47	159.7
105I	811859	0.14	12	2	5	20	17.8	6.3	0.1	0.1	0.10	0.10	2.9	0.05	8.24	68.5
105I	811862	0.31	12	13	5	20	19.6	9.6	0.1	0.1	0.10	0.10	16.6	0.05	8.30	74.0
105I	811863	0.16	12	5	5	20	21.8	6.5	0.1	0.1	0.20	0.10	4.8	0.05	8.28	76.9
105I	811864	0.19	12	5	5	20	16.7	7.4	0.1	0.1	0.20	0.10	4.0	0.05	8.14	68.9
105I	811865	0.41	12	2	5	20	19.1	9.5	0.1	0.1	0.25	0.10	5.5	0.16	8.22	83.1
105I	811866	2.30	12	2	5	20	43.7	13.0	0.3	0.3	0.10	0.10	58.4	0.05	8.45	109.4
105I	811867	2.30	12	2	5	20	42.8	12.8	0.3	0.3	0.10	0.10	57.8	0.05	8.46	108.9
105I	811868	2.00	12	2	5	20	36.5	10.9	0.2	0.2	0.20	0.10	40.0	0.05	8.29	99.8
105I	811869	2.00	12	2	5	20	53.1	16.4	2.9	0.4	0.56	0.10	19.6	0.05	8.58	198.6
105I	811870	2.00	12	2	5	20	38.4	10.9	1.3	0.5	0.36	0.10	32.4	0.05	8.36	115.1
105I	811872	2.20	26	15	5	20	44.4	14.2	0.2	0.4	0.30	0.10	48.5	0.05	8.41	126.5
105I	811873	0.16	12	2	5	20	19.7	7.6	0.1	0.2	0.26	0.10	5.6	0.20	8.17	75.6
105I	811874	0.30	12	2	5	20	19.8	6.9	0.1	0.2	0.20	0.10	5.8	0.14	8.27	73.5
105I	811875	0.17	12	2	5	20	18.6	7.0	0.1	0.2	0.10	0.10	3.5	0.05	8.20	73.7
105I	811876	0.05	12	2	5	20	10.4	6.3	0.1	0.2	0.10	0.10	8.6	0.05	7.83	30.1
105I	811877	0.05	12	5	5	20	17.4	5.8	0.1	0.1	0.10	0.10	7.3	0.05	8.14	60.5
105I	811878	0.18	12	2	5	20	17.1	6.4	0.1	0.2	0.10	0.10	1.0	0.05	8.08	68.7
105I	811879	0.18	12	2	5	66	21.3	7.3	0.1	0.1	0.21	0.10	7.4	0.12	8.24	92.9
105I	811880	0.58	12	2	5	20	23.4	6.4	0.1	0.2	0.10	0.10	14.7	0.05	8.26	184.3
105I	811882	0.18	12	2	5	20	11.7	3.2	0.1	0.2	0.10	0.10	3.9	0.05	8.01	38.5
105I	811883	0.14	12	2	5	20	11.1	4.0	0.1	0.2	0.10	0.10	5.4	0.05	7.94	38.5
105I	811884	0.05	28	2	5	20	7.5	3.6	0.2	0.1	0.10	0.10	17.4	0.05	7.56	11.7
105I	811885	0.05	26	2	5	20	9.8	3.7	0.2	0.1	0.10	0.10	14.6	0.05	7.70	25.0
105I	811886	0.21	26	2	5	20	15.5	5.5	0.3	0.2	0.20	0.10	21.1	0.05	7.98	42.2
105I	811888	2.58	74	39	5	20	36.5	13.5	0.3	0.3	0.27	0.10	33.5	0.19	8.45	118.7
105I	811889	0.52	285	507	203	20	48.2	17.5	0.2	0.3	0.84	0.10	194.0	0.15	5.22	1.0
105I	811890	0.05	165	54	5	20	101.0	25.6	0.3	0.4	0.10	0.10	315.8	0.05	7.82	34.6

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811891	0.05	165	42	5	20	102.5	26.1	0.3	0.4	0.10	0.10	296.6	0.05	7.94	34.7
105I	811892	0.05	100	21	11	20	8.7	2.6	0.3	0.3	0.42	0.10	32.5	0.05	5.63	1.0
105I	811893	0.05	74	14	5	20	15.0	3.2	0.9	0.4	3.00	0.10	47.9	0.05	7.30	8.1
105I	811894	0.21	38	2	5	20	18.9	1.8	0.1	0.7	0.42	0.10	26.2	0.05	7.72	30.6
105I	811895	0.05	50	12	5	20	17.7	4.8	0.9	0.2	0.27	0.10	63.7	0.05	6.97	3.4
105I	811896	0.86	59	6	5	20	44.0	10.1	0.4	0.7	0.10	0.10	81.6	0.05	8.16	77.6
105I	811897	2.00	59	6	5	20	41.2	10.4	0.3	0.3	0.10	0.10	72.4	0.05	8.23	72.3
105I	811898	2.30	43	2	5	20	42.6	14.3	0.3	0.3	0.10	0.10	89.5	0.05	8.25	78.4
105I	811899	2.10	150	28	5	20	64.1	11.8	0.1	0.4	0.10	0.10	93.7	0.05	8.31	96.5
105I	811900	0.70	43	7	5	20	41.2	11.1	0.1	0.8	0.37	0.10	68.7	0.05	8.27	83.6
105I	811902	4.00	150	2	5	20	61.9	23.6	0.2	1.1	0.26	0.10	111.2	0.10	8.44	172.2
105I	811903	2.00	43	2	5	20	48.4	14.3	0.2	0.4	0.53	0.10	71.4	0.05	8.42	113.1
105I	811904	0.05	37	6	5	20	14.7	3.6	0.6	0.2	0.20	0.10	35.3	0.05	7.58	12.2
105I	811905	0.12	12	2	5	20	12.5	1.6	0.1	0.4	0.10	0.10	11.1	0.05	7.79	25.9
105I	811906	1.60	12	2	5	20	15.8	0.3	0.2	0.8	0.10	0.10	2.8	0.05	8.01	38.5
105I	811907	1.65	12	2	5	20	15.2	0.2	0.2	0.8	0.10	0.10	2.8	0.05	7.95	37.6
105I	811908	2.30	63	2	5	20	44.0	0.6	0.3	0.6	0.97	0.10	19.8	0.05	8.39	95.0
105I	811909	0.05	43	14	72	20	14.0	1.8	0.3	0.3	0.42	0.10	36.5	0.05	7.27	7.5
105I	811910															
105I	811911															
105I	811912															
105I	811913	2.45	122	2	5	20	45.1	8.0	0.2	1.5	0.47	0.10	51.5	0.23	8.46	103.9
105I	811914	5.00	410	2	5	20	39.2	30.7	0.5	3.0	0.83	0.10	142.8	0.10	8.40	96.0
105I	811915	0.25	25	6	5	20	21.7	1.4	0.1	1.4	0.10	0.10	8.6	0.05	8.17	53.1
105I	811916	1.98	59	2	5	20	28.7	1.3	0.6	1.3	0.10	0.10	23.9	0.05	8.23	60.5
105I	811917	0.75	80	2	5	20	3.7	0.2	0.4	0.3	0.10	0.10	4.7	0.05	7.17	6.4
105I	811919	0.10	52	62	51	20	21.0	2.6	0.4	0.7	0.35	0.10	66.3	0.05	7.46	11.1
105I	811920	0.32	129	64	182	20	51.6	5.8	0.7	1.0	0.56	0.10	160.2	0.05	7.15	5.3
105I	811922	0.05	94	279	83	20	14.7	6.1	0.3	0.4	0.56	0.10	64.2	0.05	5.49	1.0
105I	811923	0.52	55	111	83	20	8.3	2.4	0.6	0.8	0.32	0.10	44.6	0.10	4.49	1.0
105I	811924	0.62	110	145	77	20	11.1	3.1	0.5	0.8	0.28	0.10	51.7	0.05	4.59	1.0
105I	811925	0.75	105	154	80	20	11.4	2.9	0.5	0.8	0.20	0.10	51.5	0.05	4.55	1.0
105I	811926	0.11	105	9	5	20	13.6	4.6	0.5	0.7	0.10	0.10	48.4	0.05	7.32	9.4
105I	811927	1.14	50	5	5	20	27.0	10.8	0.2	0.2	0.17	0.10	30.9	0.10	8.36	88.0
105I	811929	0.17	12	19	5	20	14.4	5.9	0.1	0.1	0.10	0.10	4.8	0.15	8.16	59.1
105I	811930	0.05	12	13	5	20	5.8	2.9	0.2	0.1	0.10	0.10	11.7	0.05	7.56	11.1
105I	811931	0.05	12	18	5	20	2.1	1.1	0.2	0.2	0.21	0.10	8.2	0.05	5.67	1.0
105I	811932	0.05	12	8	5	20	7.3	3.3	0.2	0.1	0.10	0.10	8.2	0.05	7.79	24.0
105I	811933															
105I	811934	1.00	25	6	5	20	25.2	12.8	0.3	0.3	0.59	0.10	24.0	0.05	8.41	100.6
105I	811935	0.05	26	5	5	20	7.0	3.6	0.3	0.1	0.10	0.10	12.5	0.05	7.74	21.5
105I	811936	0.05	26	5	5	20	9.8	4.5	0.3	0.1	0.10	0.10	10.0	0.05	7.96	35.0
105I	811937	0.05	28	6	5	20	6.4	2.0	0.2	0.1	0.10	0.10	6.0	0.05	7.70	20.3
105I	811938	0.05	12	2	5	20	7.3	2.5	0.2	0.1	0.10	0.10	4.8	0.05	7.83	26.2
105I	811939	0.16	30	2	5	20	12.7	4.9	0.3	0.2	0.10	0.10	9.9	0.05	8.09	47.4
105I	811940	3.00	64	2	5	20	50.2	16.1	0.7	0.6	0.10	0.10	64.1	0.05	8.64	163.9
105I	811942	1.14	85	5	5	20	17.8	2.4	1.3	0.4	0.10	0.10	27.9	0.05	7.94	34.4
105I	811943	0.05	132	76	341	20	6.3	3.6	0.2	0.3	0.40	0.10	36.5	0.05	4.86	1.0
105I	811944	2.40	37	2	5	20	34.2	2.2	0.5	1.1	0.10	0.10	7.8	0.05	8.44	100.7
105I	811945	1.90	37	2	5	20	31.8	2.1	0.5	1.0	0.10	0.10	7.6	0.05	8.40	93.1

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	811946															
105I	811947	1.56	49	9	5	20	21.7	1.8	0.3	0.4	0.10	0.10	26.9	0.05	8.06	42.0
105I	811948	2.00	33	2	5	20	34.4	2.3	0.2	0.5	0.10	0.10	28.2	0.05	8.32	78.8
105I	811949	0.05	54	31	27	20	7.9	2.1	0.4	0.2	0.31	0.10	27.0	0.05	5.51	1.0
105I	811950	0.05	49	21	45	20	8.3	1.5	0.3	0.2	0.20	0.10	23.2	0.05	7.07	4.9
105I	811951	2.80	37	2	5	20	23.0	2.0	0.4	0.8	0.31	0.10	29.4	0.05	8.10	46.4
105I	811952	0.37	54	2	5	20	17.6	1.5	0.5	0.9	0.24	0.10	34.7	0.05	7.75	21.6
105I	811953	0.05	49	16	5	20	9.2	1.9	0.3	0.4	0.24	0.10	26.7	0.05	7.12	5.4
105I	811954	1.50	46	2	5	20	27.3	2.9	0.5	0.8	0.27	0.10	39.4	0.05	8.12	49.2
105I	811955	1.24	80	14	5	20	49.9	5.6	0.3	0.5	0.10	0.10	98.9	0.05	8.31	74.9
105I	811956	0.79	90	2	5	20	53.6	4.0	0.3	0.6	0.19	0.10	97.9	0.05	8.33	75.9
105I	811957	0.05	12	2	5	20	7.9	2.5	0.2	0.1	0.10	0.10	10.6	0.05	7.74	21.1
105I	811958															
105I	811960	1.28	310	40	49	20	69.2	12.7	0.3	0.4	0.10	0.10	174.7	0.05	8.34	80.0
105I	811962	0.29	70	28	12	20	14.4	1.2	0.3	0.4	0.10	0.10	35.6	0.05	7.43	10.7
105I	811964	0.05	56	32	5	20	8.2	0.7	0.3	0.5	0.10	0.10	19.1	0.05	7.17	6.5
105I	811965	0.05	58	32	5	20	11.6	1.8	0.3	0.5	0.10	0.10	33.2	0.05	7.27	7.4
105I	811966	0.05	105	68	41	20	7.7	2.5	0.2	0.3	0.42	0.10	30.0	0.05	6.42	1.0
105I	811967	0.05	124	157	39	20	9.0	3.8	0.2	0.3	0.20	0.10	41.4	0.05	5.17	1.0
105I	811968	0.57	150	130	254	41	15.4	5.8	0.4	0.6	0.10	0.10	48.5	0.20	4.75	1.0
105I	811969	0.05	132	64	428	20	18.8	7.1	0.2	0.5	0.20	0.10	83.8	0.05	4.53	1.0
105I	811970	0.96	87	69	61	20	8.5	1.5	0.5	0.5	0.10	0.10	29.4	0.05	4.94	1.0
105I	811971	1.80	320	148	331	20	10.6	4.1	0.4	1.0	0.26	0.10	71.7	0.05	4.11	1.0
105I	811972	0.05	210	42	5	20	30.2	8.0	0.8	1.1	0.10	0.10	95.9	0.05	7.63	13.6
105I	811973															
105I	811974	0.05	100	2	5	20	16.0	6.4	0.4	0.3	0.10	0.10	36.0	0.05	7.90	31.5
105I	811975	0.05	105	2	5	20	16.5	6.5	0.4	0.3	0.10	0.10	37.0	0.05	7.91	31.7
105I	811976	0.05	168	26	110	20	9.8	4.0	0.3	0.2	0.39	0.10	38.5	0.05	6.65	1.0
105I	811977	0.05	160	18	5	20	11.2	2.7	0.5	0.2	0.10	0.10	40.2	0.05	7.09	4.9
105I	811978	0.05	100	2	5	20	7.8	1.2	0.4	0.1	0.10	0.10	12.5	0.05	7.60	11.8
105I	811979	1.52	62	2	5	20	39.8	6.7	0.6	0.5	0.10	0.10	26.0	0.05	8.52	128.4
105I	811980	0.26	118	2	5	20	23.2	6.3	0.4	0.1	0.10	0.10	38.1	0.05	8.17	56.7
105I	813002															
105I	813003	0.05	150	14	5	20	8.9	2.1	1.6	0.3	0.30	0.10	32.5	0.05	6.85	2.9
105I	813004	0.05	240	66	167	20	7.1	2.3	1.7	0.2	0.25	0.10	38.4	0.05	4.57	1.0
105I	813005	0.05	195	34	102	20	5.7	1.9	0.3	0.1	0.10	0.10	25.5	0.05	4.73	1.0
105I	813006	0.05	240	65	318	20	9.9	3.9	1.1	0.3	0.10	0.10	58.0	0.05	4.15	1.0
105I	813007	0.39	55	2	5	20	33.8	5.1	0.4	0.1	0.10	0.10	18.8	0.05	8.38	91.8
105I	813008	0.21	42	2	5	20	27.6	3.0	0.4	0.1	0.10	0.10	18.2	0.05	8.31	77.7
105I	813009	0.47	35	2	5	20	26.6	9.7	0.3	0.1	0.21	0.10	2.7	0.05	8.46	108.0
105I	813010	1.84	32	2	5	20	58.9	8.4	0.8	0.2	0.10	0.10	42.0	0.05	8.61	151.8
105I	813011	2.60	35	2	5	20	58.9	8.5	0.8	0.2	0.10	0.10	42.0	0.05	8.60	152.2
105I	813012	1.30	38	2	5	20	27.9	12.7	0.8	0.2	0.21	0.10	17.3	0.05	8.45	153.0
105I	813013	1.34	32	2	5	20	51.1	6.8	0.6	0.1	0.10	0.10	35.9	0.05	8.55	130.1
105I	813014	1.07	38	2	5	20	36.3	6.3	0.5	0.3	0.10	0.10	10.7	0.05	8.51	155.4
105I	813015	0.70	35	2	5	20	44.5	5.9	0.8	0.2	0.10	0.10	21.6	0.05	8.49	118.7
105I	813017	5.76	280	2	5	20	37.8	16.1	0.5	0.8	0.10	0.10	80.8	0.05	8.38	103.7
105I	813018	0.05	34	2	5	20	5.9	2.2	0.4	0.1	0.10	0.10	15.8	0.05	7.22	6.8
105I	813019	0.05	12	6	5	20	10.1	2.5	0.2	0.6	0.10	0.10	7.7	0.05	7.86	27.3
105I	813020	0.05	25	6	5	20	6.5	1.5	0.4	0.3	0.10	0.10	19.5	0.05	7.00	4.4

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	813022	0.05	29	2	5	20	4.1	0.9	0.4	0.2	0.10	0.10	12.1	0.05	6.57	1.0
105I	813023	0.05	29	6	10	20	4.7	1.2	0.3	0.4	0.10	0.10	15.3	0.05	6.42	1.0
105I	813025	0.05	12	2	5	20	2.6	0.7	0.2	0.4	0.10	0.10	6.5	0.05	6.85	3.0
105I	813026	0.05	12	2	5	20	2.5	0.7	0.2	0.4	0.10	0.10	6.3	0.05	6.77	2.6
105I	813027	0.05	25	2	5	20	9.1	1.9	0.1	0.2	0.10	0.10	7.0	0.05	7.76	22.0
105I	813028	0.05	29	2	5	20	7.8	2.5	0.2	0.2	0.10	0.10	6.3	0.05	7.67	20.4
105I	813029	0.05	12	2	5	20	9.9	2.8	0.2	0.4	0.10	0.10	11.3	0.05	7.79	25.7
105I	813030	0.22	12	2	5	20	29.9	1.1	0.1	1.6	0.10	0.10	1.1	0.05	8.34	83.8
105I	813031	0.23	12	2	5	20	1.7	0.1	0.3	0.2	0.10	0.10	0.2	0.05	7.00	4.6
105I	813032	0.10	12	2	5	20	6.7	1.2	0.3	0.3	0.10	0.10	19.8	0.05	7.56	11.6
105I	813033	0.05	12	5	5	20	7.5	1.7	0.6	0.2	0.10	0.10	21.5	0.05	6.85	2.9
105I	813034	0.27	12	2	5	20	4.3	1.0	0.2	0.5	0.25	0.10	4.5	0.05	7.41	10.9
105I	813035	0.05	35	22	5	20	4.2	2.1	0.2	0.1	0.10	0.10	14.1	0.05	7.04	4.5
105I	813036	0.05	40	15	5	20	9.5	2.5	0.5	0.1	0.20	0.10	36.0	0.05	6.52	1.0
105I	813037	0.05	43	5	5	20	5.1	3.8	0.2	0.1	0.10	0.10	23.6	0.05	7.18	6.1
105I	813038	0.05	43	2	5	20	6.4	2.4	0.5	0.1	0.10	0.10	20.7	0.05	7.15	5.4
105I	813039															
105I	813040	0.05	43	2	5	20	2.9	1.5	0.4	0.1	0.20	0.10	12.6	0.05	6.51	1.0
105I	813042	0.05	30	2	5	20	7.5	3.0	0.5	0.1	0.10	0.10	24.8	0.05	7.32	8.1
105I	813043	0.05	43	2	5	20	4.1	2.1	0.2	0.2	0.25	0.10	19.2	0.05	6.28	1.0
105I	813044															
105I	813045															
105I	813046	0.05	46	2	5	20	8.2	3.1	0.3	0.1	0.20	0.10	25.1	0.05	7.42	10.4
105I	813048	0.05	35	47	5	20	8.4	3.2	0.3	0.2	0.20	0.10	25.4	0.05	7.41	10.8
105I	813049	0.70	25	7	5	20	28.5	8.4	0.2	0.2	0.53	0.10	30.0	0.05	8.33	83.7
105I	813050	0.05	25	6	18	20	6.3	1.4	0.1	0.1	0.10	0.10	7.4	0.05	7.60	16.4
105I	813051	0.28	34	5	5	20	15.7	5.3	0.2	0.2	0.10	0.10	15.5	0.05	8.12	50.7
105I	813052															
105I	813053	0.05	84	17	22	20	14.6	4.4	0.8	0.2	0.10	0.10	43.4	0.05	7.59	16.0
105I	813054	0.11	74	21	15	20	9.4	3.1	0.9	0.1	0.10	0.10	23.8	0.05	7.59	15.9
105I	813055	1.94	34	2	5	20	32.6	11.7	0.3	0.2	0.32	0.10	8.3	0.05	8.57	134.3
105I	813056	2.27	53	5	5	20	38.2	12.8	0.5	0.3	0.49	0.10	8.2	0.15	8.63	156.8
105I	813057	0.28	59	2	5	20	26.2	8.1	1.0	0.2	0.32	0.10	42.6	0.05	8.25	65.5
105I	813058	0.05	43	9	76	20	5.1	2.8	0.5	0.1	0.10	0.10	23.7	0.05	6.83	2.8
105I	813059	0.05	34	2	5	20	3.1	1.6	0.4	0.1	0.10	0.10	9.7	0.05	7.04	5.0
105I	813060	0.05	12	2	5	20	2.3	1.0	0.5	0.1	0.10	0.10	60.4	0.05	6.92	4.1
105I	813062	0.05	40	13	5	20	6.1	2.0	0.7	0.1	0.20	0.10	16.9	0.05	6.66	2.1
105I	813063	0.05	63	27	27	20	2.9	1.2	0.9	0.1	0.25	0.10	16.4	0.05	4.99	1.0
105I	813064															
105I	813065	0.05	125	78	241	20	6.7	3.6	0.5	0.1	0.20	0.10	39.6	0.05	4.60	1.0
105I	813066	0.14	118	75	209	20	6.9	3.6	0.5	0.1	0.21	0.10	39.6	0.05	4.57	1.0
105I	813067	0.05	50	8	18	20	13.5	6.5	0.6	0.2	0.30	0.10	32.6	0.05	6.89	3.0
105I	813068	0.05	40	21	5	20	5.9	1.6	0.4	0.1	0.38	0.10	24.1	0.05	5.79	1.0
105I	813069	0.10	32	6	35	20	2.3	0.4	0.2	0.4	0.10	0.10	8.0	0.05	5.14	1.0
105I	813070	0.63	32	2	5	20	2.6	0.4	0.3	0.4	0.10	0.10	1.5	0.05	7.24	7.2
105I	813071															
105I	813072	0.60	34	2	5	20	7.4	1.1	0.2	0.7	0.10	0.10	4.4	0.05	7.73	21.5
105I	813073	0.52	32	2	5	20	3.1	0.3	0.3	0.8	0.10	0.10	2.3	0.05	7.27	8.5
105I	813075															
105I	813076	0.05	59	14	5	20	7.3	1.4	0.9	0.1	0.10	0.10	25.9	0.05	6.95	3.8

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	813077	0.05	34	245	5	20	4.2	0.6	0.5	0.2	0.10	0.10	13.9	0.05	6.78	3.4
105I	813078	0.05	34	2	5	20	4.7	0.9	0.7	0.1	0.10	0.10	14.8	0.05	6.95	4.2
105I	813079	0.05	70	44	130	20	7.8	1.4	0.6	0.2	0.33	0.10	29.3	0.10	4.83	1.0
105I	813080	0.05	50	40	33	20	4.9	1.3	0.4	0.1	0.26	0.10	19.1	0.05	5.05	1.0
105I	813082	0.05	34	7	5	20	3.5	1.0	0.4	0.1	0.10	0.10	10.9	0.05	6.70	2.2
105I	813083	0.19	50	6	5	20	17.1	8.1	0.3	0.2	0.10	0.10	57.1	0.05	7.72	21.3
105I	813084	1.64	59	6	5	20	43.6	6.0	0.3	0.2	0.10	0.10	12.5	0.05	8.45	109.5
105I	813085	0.05	46	14	5	20	8.9	4.2	0.3	0.2	0.10	0.10	16.4	0.05	7.76	25.6
105I	813086	0.32	40	48	5	20	14.1	5.7	0.3	0.2	0.10	0.10	25.8	0.05	7.95	37.6
105I	813087	0.86	53	43	5	20	23.6	4.9	0.3	0.3	0.40	0.10	39.1	0.05	8.06	49.0
105I	813088	5.40	68	2	5	20	44.6	10.2	0.4	0.5	0.47	0.10	58.7	0.05	8.58	193.2
105I	813089	0.76	63	13	5	20	27.9	4.0	0.3	0.2	0.28	0.10	30.0	0.05	8.20	59.8
105I	813090	2.20	44	18	5	20	35.1	10.1	0.3	0.3	0.10	0.10	21.0	0.05	8.49	115.8
105I	813092	2.40	48	36	5	20	36.0	9.6	0.3	0.3	0.10	0.10	20.7	0.15	8.47	115.5
105I	813093															
105I	813094	0.05	34	14	5	20	6.1	3.0	0.5	0.2	0.10	0.10	17.9	0.05	7.44	11.8
105I	813095	0.05	37	12	5	20	5.7	1.6	0.3	0.2	0.10	0.10	17.2	0.05	7.23	7.1
105I	813096	0.05	34	2	5	20	5.7	0.8	0.8	0.1	0.10	0.10	9.2	0.05	7.48	13.1
105I	813097	0.05	27	5	5	20	3.9	0.7	0.6	0.1	0.10	0.10	7.1	0.05	7.29	8.3
105I	813098	0.05	25	8	5	48	5.7	0.4	0.6	0.1	0.10	0.10	6.9	0.05	7.49	13.0
105I	813099	0.10	27	5	5	20	11.2	0.4	0.7	0.4	0.10	0.10	12.2	0.05	7.78	25.7
105I	813100	0.05	12	2	5	20	14.6	0.5	1.1	0.6	0.10	0.10	10.4	0.05	7.98	38.0
105I	813102	0.15	12	2	5	20	20.3	0.5	0.8	0.7	0.10	0.10	9.2	0.05	8.17	57.9
105I	813103	0.98	12	2	5	20	21.6	1.2	0.6	0.2	0.10	0.10	20.7	0.05	8.13	51.7
105I	813104	1.13	12	2	5	20	22.4	1.3	0.6	0.2	0.10	0.10	20.7	0.05	8.08	51.5
105I	813105	0.10	12	2	5	20	10.2	2.1	0.4	0.2	0.10	0.10	17.6	0.05	7.67	18.8
105I	813106	0.13	40	17	68	20	14.5	3.1	0.4	0.3	0.10	0.10	46.3	0.05	7.27	7.1
105I	813107	0.10	27	10	5	20	8.0	2.1	0.3	0.2	0.20	0.10	19.3	0.05	7.62	17.0
105I	813108	0.15	88	23	117	20	17.1	3.9	0.5	0.2	0.21	0.10	68.2	0.05	7.21	7.6
105I	813109	0.44	175	99	509	20	24.6	9.5	0.7	0.2	0.35	0.10	133.8	0.05	4.67	1.0
105I	813110	0.21	31	9	24	20	8.1	2.6	0.5	0.1	0.10	0.10	20.7	0.05	7.57	15.8
105I	813111	0.14	12	7	5	20	19.8	1.8	0.5	0.5	0.10	0.10	25.6	0.05	8.02	46.2
105I	813112	1.28	12	2	5	20	24.6	1.5	0.7	0.3	0.10	0.10	23.6	0.05	8.23	62.1
105I	813113	1.36	12	2	5	20	28.7	1.9	0.5	0.2	0.32	0.10	36.7	0.05	8.21	59.0
105I	813114	0.05	12	2	5	20	6.1	0.5	0.2	0.1	0.10	0.10	2.2	0.05	7.51	15.7
105I	813115	1.36	12	2	5	20	26.9	2.4	0.4	0.2	0.10	0.10	36.1	0.05	8.09	60.2
105I	813117	0.05	30	41	5	20	16.2	1.9	0.4	0.3	0.10	0.10	20.3	0.05	7.89	30.2
105I	813118	0.05	80	14	5	20	11.3	4.1	0.4	0.2	0.10	0.10	35.2	0.05	7.45	11.5
105I	813119	0.05	25	8	5	20	3.2	0.5	0.4	0.1	0.10	0.10	6.6	0.05	7.03	4.6
105I	813120	1.45	25	8	5	20	28.3	2.5	0.4	0.2	0.29	0.10	30.6	0.05	8.20	58.9
105I	813122	0.50	12	5	5	20	19.2	1.5	0.4	0.1	0.10	0.10	19.1	0.05	8.04	41.2
105I	813123	0.05	53	7	5	20	5.4	1.5	0.5	0.1	0.10	0.10	11.4	0.05	7.35	9.8
105I	813124	0.87	25	7	5	20	19.6	2.2	0.5	0.2	0.10	0.10	22.4	0.05	7.91	40.9
105I	813125	0.05	58	10	5	20	7.0	2.9	0.5	0.1	0.10	0.10	23.1	0.05	7.25	7.9
105I	813126	0.05	53	11	5	20	12.1	3.1	0.6	0.2	0.10	0.10	25.7	0.05	7.65	21.2
105I	813127	0.05	49	2	5	20	14.8	2.2	0.4	0.1	0.10	0.10	18.8	0.05	7.80	27.7
105I	813128	0.05	53	9	5	20	12.5	3.8	0.6	0.2	0.10	0.10	30.1	0.05	7.44	20.6
105I	813129	0.30	58	46	14	20	16.3	5.4	0.4	0.2	0.23	0.10	32.9	0.05	7.91	35.9
105I	813130	2.60	29	9	5	20	37.8	6.9	0.3	0.8	0.46	0.10	36.3	0.05	8.30	97.9
105I	813131	0.05	25	9	5	20	3.7	0.3	0.4	0.1	0.26	0.10	3.0	0.05	7.25	8.3

STREAM WATERS

MAP	SAMPLE	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-ALK
105I	813132	0.05	12	6	5	20	4.4	0.2	0.5	0.1	0.29	0.10	5.0	0.05	7.17	6.9
105I	813133	0.36	29	5	5	20	27.2	1.3	0.4	0.6	2.60	0.10	8.2	0.05	8.22	66.8
105I	813134	0.05	12	6	5	20	9.1	0.9	0.3	0.2	0.10	0.10	4.5	0.05	7.74	21.8
105I	813135	0.05	12	6	5	20	9.0	0.9	0.3	0.1	0.10	0.10	4.4	0.05	7.73	21.5
105I	813136	0.05	12	7	5	20	12.1	0.2	0.5	0.4	0.10	0.10	8.4	0.05	7.74	22.7
105I	813137	0.16	12	2	5	20	12.1	0.4	0.3	0.1	0.20	0.10	10.1	0.05	7.69	21.4
105I	813138	0.05	12	2	5	20	2.5	0.2	0.5	0.1	0.10	0.10	5.1	0.05	6.48	1.0
105I	813140	0.10	50	18	5	20	19.6	0.3	0.7	0.5	0.10	0.10	14.8	0.05	7.95	35.6
105I	813142	0.05	35	12	5	20	10.0	0.3	0.5	0.5	0.10	0.10	9.8	0.05	7.56	16.0
105I	813143	0.05	35	8	5	20	10.1	0.3	0.5	0.5	0.10	0.10	9.9	0.05	7.56	16.1
105I	813144	0.05	12	7	5	20	10.1	0.3	0.4	0.2	0.10	0.10	7.4	0.05	7.66	18.4
105I	813145	0.28	68	5	5	20	20.7	0.3	0.4	0.6	0.10	0.10	12.6	0.05	8.00	39.1
105I	813146	0.73	122	5	5	20	37.8	0.5	0.6	1.0	0.10	0.10	16.0	0.05	8.33	80.9
105I	813147	0.05	50	2	5	20	14.2	0.5	0.8	0.4	0.10	0.10	9.5	0.05	7.81	27.3
105I	813148	0.05	38	2	5	20	17.9	1.5	1.5	0.3	0.10	0.10	13.0	0.05	7.98	38.3
105I	813150	0.22	29	19	5	20	27.4	2.7	0.5	0.2	0.10	0.10	18.2	0.21	8.17	63.5
105I	813151	5.00	50	2	5	20	60.3	11.9	1.8	0.3	0.25	0.10	143.0	0.05	8.33	160.8
105I	813152	0.93	25	2	5	20	51.4	6.7	0.7	0.2	0.38	0.10	28.0	0.05	8.53	132.3
105I	813153	0.93	78	6	5	20	37.9	10.0	1.5	0.3	0.20	0.10	45.4	0.05	8.37	89.9
105I	813154	0.49	122	5	5	20	33.0	1.4	0.6	0.8	0.10	0.10	16.4	0.05	8.20	74.3
105I	813155	1.01	200	2	5	20	36.8	0.4	0.5	0.7	0.92	0.10	18.3	0.05	8.26	75.5
105I	813156	0.67	150	5	5	20	35.1	0.4	0.5	0.7	0.10	0.10	19.1	0.05	8.20	71.0
105I	813157	0.66	110	5	5	20	33.2	0.4	0.5	0.9	0.24	0.10	18.3	0.05	8.21	67.3
105I	813158	0.44	91	2	5	20	27.6	0.3	0.4	0.9	0.27	0.10	16.1	0.05	8.13	56.4
105I	813159	0.30	63	2	5	20	25.0	1.0	0.5	0.7	0.10	0.10	14.8	0.05	8.14	51.9
105I	813160	0.30	63	2	5	20	26.8	1.5	0.5	0.7	0.10	0.10	14.5	0.05	8.16	58.8
105I	813162	0.12	38	2	5	20	21.0	0.5	0.7	0.9	0.55	0.10	19.2	0.05	7.96	36.8
105I	813163	0.24	32	2	5	20	21.0	0.5	0.6	0.8	0.20	0.10	20.6	0.12	7.91	35.2
105I	813164	0.40	58	7	5	20	28.2	0.3	0.5	0.9	0.20	0.10	14.0	0.05	8.09	58.8
105I	813165	0.77	38	2	5	20	28.3	0.6	0.7	1.1	0.10	0.10	30.6	0.12	8.03	45.6
105I	813166	0.74	29	2	5	20	38.9	3.3	0.5	1.0	0.10	0.10	14.0	0.05	8.40	104.1
105I	813167	0.34	12	2	5	20	27.3	1.6	0.4	1.1	0.10	0.10	9.7	0.05	8.21	68.4
105I	813168	0.45	12	2	5	20	17.8	1.2	0.5	0.7	0.27	0.10	13.2	0.10	7.94	37.4
105I	813169	0.20	12	2	5	20	19.2	1.2	0.5	0.7	0.10	0.10	9.4	0.20	8.04	45.4
105I	813170	0.05	85	8	5	20	11.4	3.3	0.8	0.3	0.10	0.10	34.4	0.10	7.21	6.8
105I	813171	0.05	250	23	74	20	6.7	3.4	0.5	0.2	0.10	0.10	28.9	0.12	5.21	1.0
105I	813172	0.05	54	9	5	20	6.2	2.2	0.2	0.2	0.10	0.10	10.7	0.16	7.48	12.7
105I	813173	0.64	68	26	55	20	17.9	6.3	0.2	0.2	0.10	0.10	39.6	0.05	7.85	31.8
105I	813174	15.20	73	72	5	20	62.5	20.9	0.2	0.4	0.10	0.10	101.0	0.11	8.57	154.0
105I	813175	20.00	150	166	5	20	94.5	27.0	0.4	0.7	0.10	0.10	166.0	0.11	8.62	195.3
105I	813177	0.37	38	49	5	20	17.9	4.5	0.1	0.2	0.38	0.10	11.2	0.11	8.12	51.0
105I	813178	2.50	54	120	5	20	32.7	7.9	0.1	0.4	0.10	0.10	40.8	0.11	8.22	76.6

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811002	810	69	42	112	12	0.8	335	3.20	27	710	6	10.0	1320	25.9	245	8.4	6.5	6.00	.50	0.16
105I	811003	132	37	46	48	23	0.1	330	5.30	7	142	1	5.5	1200	13.0	94	1.9	0.1	7.00	.34	0.07
105I	811004	800	48	42	100	20	0.7	510	4.80	14	358	4	5.5	1550	18.4	161	3.6	5.0	7.80	.41	0.18
105I	811005	760	67	40	132	16	0.8	305	3.90	23	555	12	8.0	1270	20.1	167	5.8	6.1	6.60	.44	0.23
105I	811006	725	64	40	104	15	0.8	240	4.10	25	585	12	9.0	1380	20.8	213	6.1	5.0	4.50	.48	0.28
105I	811007	760	50	34	88	10	0.5	147	3.80	13	385	6	6.0	1700	13.0	209	3.3	3.1	6.45	.46	0.41
105I	811008	1900	102	38	228	22	1.0	545	3.40	37	930	10	10.0	1380	22.9	371	11.4	20.0	9.20	.39	0.84
105I	811009	890	103	34	136	18	0.1	800	3.80	11	335	6	4.0	750	22.6	161	3.9	7.0	7.60		0.36
105I	811011	375	118	28	86	17	0.6	435	3.90	8	312	2	4.0	710	16.9	188	4.5	3.0	2.70	.16	0.39
105I	811012	1060	120	31	164	20	0.7	420	3.90	10	350	2	6.5	750	14.8	365	4.6	9.2	6.60	.18	0.34
105I	811013	580	75	32	104	12	0.5	480	3.00	10	298	2	5.0	750	13.3	316	6.7	5.5	8.65	.23	0.45
105I	811014	1110	104	30	160	15	0.8	290	3.80	28	585	6	7.0	1500	25.0	311	10.3	8.9	4.70	.50	5.46
105I	811015	1400	104	35	204	14	1.3	230	3.20	43	1200	6	11.5	1550	26.8	301	12.1	10.0	7.35	.66	0.33
105I	811016	1190	111	22	220	16	1.3	300	2.80	36	995	6	11.5	1200	24.4	335	7.8	12.4	5.25	.44	1.67
105I	811017	780	81	27	130	14	1.1	260	2.80	25	760	4	9.0	1220	18.7	263	6.9	5.5	4.50	.46	1.22
105I	811018	1840	102	30	372	65	1.1	550	4.40	11	260	1	4.5	680	30.4	364	2.8	15.0	23.70	.34	0.24
105I	811019	860	58	32	154	40	0.8	635	5.30	12	262	2	5.5	880	16.0	230	3.2	3.2	9.95	.23	0.35
105I	811020	1500	64	42	148	19	0.9	380	4.10	16	480	2	6.5	1500	16.0	209	4.6	13.5	6.50	.53	0.50
105I	811022	1190	47	34	188	20	0.8	435	4.20	9	228	2	4.5	1130	19.6	244	3.6	10.8	14.30	.39	0.18
105I	811023	1880	131	52	268	31	1.0	700	4.10	20	540	1	9.5	1220	18.4	311	8.4	13.9	10.75	.46	1.07
105I	811025	3000	295	48	400	126	1.3	3700	4.10	27	590	4	27.0	1380	19.6	315	7.6	24.5	8.65	.57	0.50
105I	811026	2600	121	48	296	43	1.4	1000	3.70	43	774	6	15.0	1200	25.0	332	13.2	17.5	4.40	.34	0.26
105I	811027	430	71	38	104	25	0.8	700	3.80	7	145	1	4.0	925	27.2	170	2.1	3.2	17.55	.25	0.05
105I	811028	2710	132	42	320	47	0.8	1700	3.70	48	930	6	26.0	1150	30.0	449	15.4	21.8	4.85	.39	0.25
105I	811029	2150	130	36	316	55	0.6	2000	3.70	46	1000	6	27.0	1270	30.0	337	14.2	22.2	5.20	.41	0.19
105I	811030	2700	120	42	400	56	0.7	2350	4.70	40	620	4	18.0	1080	36.5	321	14.1	39.1	8.10	.37	0.19
105I	811031	1920	54	780	66	12	0.8	410	3.10	21	485	2	7.5	1520	24.4	241	6.9	7.5	12.25	.48	0.12
105I	811032	3900	93	38	280	36	1.2	720	3.30	32	690	1	15.0	1350	23.5	342	13.4	21.5	5.55	.41	0.22
105I	811033	2810	121	42	500	210	1.2	3100	3.80	19	360	1	33.0	1200	23.5	285	6.1	17.0	12.35	.46	0.27
105I	811034	290	62	34	28	8	1.4	195	5.40	20	360	4	6.0	700	23.5	177	9.5	0.1	10.10	.18	0.35
105I	811035	139	26	39	28	12	0.1	540	3.10	10	115	1	3.5	1440	10.3	65	1.3	0.9	6.75	.32	0.07
105I	811036	1520	51	58	92	18	0.6	500	3.40	9	177	1	4.0	2120	15.4	273	2.9	8.0	5.50	.34	0.49
105I	811037	3450	114	700	216	24	1.4	580	4.80	53	905	6	12.0	1430	35.8	303	17.6	22.0	4.25	.92	1.10
105I	811038	3290	82	540	180	37	0.7	1400	4.90	30	575	2	9.5	1220	23.5	222	7.4	11.8	5.20	.46	0.38
105I	811039	3550	110	440	280	66	1.2	2350	6.80	36	440	4	14.0	1150	32.2	223	8.6	17.0	5.90	.55	0.91
105I	811040	184	34	38	41	18	0.5	430	4.40	7	177	1	4.5	1700	31.8	57	2.9	1.0	12.85	.41	0.11
105I	811042	1600	38	41	106	21	0.5	534	4.10	12	205	1	4.5	1150	14.8	111	2.0	15.0	14.75	.46	0.14
105I	811043	112	27	20	22	12	0.3	382	3.50	7	122	2	3.0	1200	22.0	30	1.4	1.0	3.45	.41	0.07
105I	811044	177	36	38	56	28	0.2	425	5.00	6	100	2	7.0	615	29.0	36	0.9	0.1	6.05	.23	0.05
105I	811045	890	42	81	72	21	0.4	525	5.40	12	220	4	6.0	930	17.2	99	2.7	4.9	4.65	.37	0.17
105I	811046	850	45	84	72	19	0.4	520	5.10	12	260	6	6.5	910	17.8	86	3.0	3.2	3.00	.32	0.20
105I	811047	161	42	30	42	21	0.3	390	3.60	12	150	2	3.0	1850	27.2	32	3.6	1.1	7.10	.27	0.08
105I	811048	140	43	33	32	29	0.1	590	5.30	4	78	2	5.0	590	8.9	15	0.9	0.1	2.65	.16	0.04
105I	811049	150	71	41	38	22	0.2	775	6.60	5	100	16	6.0	750	11.2	15	0.9	0.7	4.20	.21	0.04
105I	811050	575	410	27	550	550	0.4	3300	4.00	6	64	2	9.0	580	93.6	97	0.9	1.0	27.65	.48	0.03
105I	811051	350	126	36	156	94	0.2	1200	6.10	4	96	1	8.0	710	3.9	53	0.4	1.0	8.25	.16	0.04
105I	811052	1780	75	24	214	22	0.4	1200	3.90	11	225	2	5.0	860	8.7	206	2.2	5.1	7.15	.25	0.18
105I	811053	320	34	18	47	12	0.4	1000	3.10	6	245	2	4.0	940	13.6	159	1.6	2.1	7.55	.27	7.57
105I	811054	175	50	33	70	39	0.3	690	5.40	8	150		4.5	790	24.4	126	0.7	1.1	28.85	.30	0.03
105I	811055	990	125	27	164	55	0.7	1850	5.80	12	230	2	7.0	750	28.6	232	5.2	5.5	7.45	.23	0.31

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811056	181	42	28	52	14	0.2	400	3.00	11	162	4	5.5	1550	27.9	149	2.5	1.0	7.40	.60	0.10
105I	811058	240	80	27	32	12	0.9	325	5.10	10	222	1	5.0	640	30.0	186	4.7	0.1	8.35	.18	0.34
105I	811059	310	124	32	168	102	0.2	1050	5.00	5	100	1	5.0	690	23.8	77	0.6	1.2	13.80	.23	0.04
105I	811060	156	43	25	74	27	0.3	600	5.90	8	138	1	4.0	880	19.0	63	0.4	0.1	12.20	.37	0.05
105I	811062	290	61	44	124	52	0.1	1100	6.70	10	148	2	6.0	860	29.3	54	1.1	0.1	6.40	.30	0.05
105I	811063	3125	71	100	227	20	1.2	330	3.50	28	610	2	8.0	1270	17.2	242	6.0	23.5	7.45	.55	0.68
105I	811064	265	33	43	38	12	0.7	348	2.70	15	195	2	3.5	1250	10.6	140	2.1	3.0	5.05	.25	0.15
105I	811065	300	36	38	50	10	0.7	556	3.50	16	242	1	5.0	1320	14.5	91	2.5	2.4	6.50	.37	0.22
105I	811066	157	39	50	40	20	0.1	780	4.70	10	138	2	4.5	690	30.4	91	1.5	0.1	14.90	.39	0.07
105I	811067	255	35	34	44	12	0.1	330	4.50	6	210	1	4.5	790	26.4	147	1.8	1.1	7.85	.25	0.19
105I	811068	240	30	34	39	14	0.1	520	3.40	8	209	1	5.0	760	13.0	124	1.3	1.1	5.90	.21	0.18
105I	811069	200	52	31	34	6	0.6	188	4.70	10	225	2	5.0	635	30.0	172	4.5	0.1	5.70	2.18	0.45
105I	811070	990	75	28	142	14	0.7	310	2.90	22	560	1	8.0	1150	25.0	206	12.1	11.5	6.15	.34	1.10
105I	811071	106	27	36	35	18	0.1	435	4.10	8	120	2	4.5	1100	38.7	63	2.9	0.1	7.10	.23	0.05
105I	811073	780	66	38	82	15	0.8	460	3.50	20	325	4	7.0	910	21.4	180	6.1	5.5	3.50	.25	0.79
105I	811074	1150	65	460	94	10	0.8	255	2.60	24	655	4	9.5	1550	22.0	259	9.8	12.0	3.60	.57	1.23
105I	811075	480	45	34	66	9	1.0	260	2.50	20	550	4	9.5	1450	46.6	215	12.7	3.5	5.40	.44	0.23
105I	811076	2000	250	31	420	57	1.0	3600	3.30	22	480	6	17.0	1000	82.4	239	11.7	19.5	8.10	.27	0.19
105I	811077	2875	50	920	70	8	0.8	245	2.40	18	440	8	8.5	1900	26.4	415	6.3	14.0	3.25	.69	0.59
105I	811078	620	57	98	76	6	0.9	68	2.00	22	905	6	11.5	1470	21.7	218	5.8	4.5	5.45	.48	0.19
105I	811079	290	30	42	44	9	0.4	290	2.40	16	327	4	67.0	1600	14.8	86	3.2	2.5	4.50	.39	0.18
105I	811080	225	23	24	40	9	0.1	152	2.30	8	200	2	4.5	1800	10.6	79	2.5	1.0	25.50	.34	0.09
105I	811082	1685	94	34	384	54	1.4	3200	2.8	20	540	6	7.5	1250	25.7	412	11.1	34.0	5.50	.39	0.35
105I	811083	564	62	22	71	8	0.5	143	2.2	10	620	1	8.0	1300	18.4	306	7.2	4.0	3.70	.60	0.93
105I	811084	715	76	27	80	13	0.5	255	2.5	16	555	2	7.5	1070	20.2	255	8.0	11.0	4.30	.39	0.57
105I	811086	344	84	28	41	6	1.0	180	2.4	18	570	6	9.0	1650	23.5	392	6.8	3.0	5.75	.60	0.62
105I	811087	1111	63	25	115	11	0.8	400	2.5	17	520	2	9.5	1520	18.2	263	6.7	9.5	6.15	.50	0.87
105I	811088	691	66	27	137	5		155	5.4	6	125	2	3.5	535	20.4	231	1.6	10.0	59.35	.44	0.03
105I	811089	465	53	19	40	6	1.2	110	1.0	6	298	1	6.0	880	32.5	576	6.3	16.0	48.15	.32	0.69
105I	811090	455	75	26	103	37	0.6	1160	3.6	10	152	2	5.0	1020	13.7	143	1.8	3.0	6.60	.14	0.09
105I	811091	2115	115	20	299	48	1.0	740	5.4	50	880	4	29.0	1320	63.8	353	19.4	40.5	13.85	.48	1.15
105I	811092	2070	115	19	328	45	1.1	680	5.4	42	765	4	26.0	1350	61.6	297	16.1	38.0	11.85	.44	1.74
105I	811093	2775	68	19	366	24	1.3	800	2.6	22	635	4	8.0	1550	21.6	352	9.1	32.0	11.10	.64	2.88
105I	811094	1188	90	22	131	13	1.0	300	2.7	20	510	4	11.5	2080	21.3	370	8.5	12.5	6.35	.94	3.98
105I	811095	751	84	25	82	14	1.3	540	2.6	20	490	1	11.0	2195	22.2	546	6.7	9.5	9.20	.99	2.76
105I	811096	758	134	28	89	15	1.1	330	3.0	22	520	2	10.0	2430	25.3	530	6.5	7.5	7.00	.96	0.96
105I	811097	581	88	31	68	11	1.0	280	3.0	16	460	1	10.0	2000	65.3	492	8.9	6.5	6.15	.94	0.61
105I	811098	689	87	30	74	13	0.7	350	3.0	16	450	4	9.0	2050	78.7	421	10.9	6.5	7.95	.96	0.74
105I	811099	726	73	21	88	10	1.6	500	2.8	17	545	2	9.0	1600	31.3	655	7.1	8.5	11.05	.69	0.67
105I	811100	781	81	21	106	13	1.2	500	2.5	20	620	4	9.0	1600	26.1	663	10.0	10.5	6.90	.62	0.61
105I	811102	390	90	35	72	13	0.6	800	4.00	10	305	1	6.0	1490	13.4	325	3.2	2.5	5.05	.46	0.29
105I	811103	390	60	30	64	10	1.1	525	2.50	10	352	1	7.5	1400	14.6	406	6.1	4.0	10.45	.50	0.53
105I	811104	675	70	31	103	18	0.7	2500	3.50	8	315	2	7.5	1370	20.4	377	4.0	6.5	9.75	.55	0.39
105I	811105	640	68	28	82	10	0.7	1050	2.60	10	378	2	8.0	1670	19.8	332	6.5	6.0	7.20	.69	0.56
105I	811106	600	66	27	74	11	1.1	750	2.60	10	400	1	7.5	1700	19.8	335	6.5	5.0	6.90	.71	0.51
105I	811107	550	59	33	62	10	0.8	350	2.50	10	400	1	7.5	1780	57.8	273	5.7	3.0	6.70	.62	0.31
105I	811108	1210	245	64	300	112	0.7	5300	4.10	14	345	1	10.0	1650	30.6	238	4.0	12.0	6.70	.34	0.09
105I	811109	500	47	30	70	20	0.5	470	2.70	10	270	1	5.5	970	11.8	79	3.1	2.5	6.25	.18	0.29
105I	811110	800	49	45	64	9	0.8	360	3.80	12	330	1	6.0	1170	29.1	288	4.9	4.0	10.50	.23	0.46
105I	811111	1500	54	28	104	31	0.7	412	2.70	10	305	1	11.5	970	15.5	135	4.5	6.5	8.80	.16	0.19

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	811112	380	46	27	50	16	0.4	336	2.40	10	220	2	4.0	930	11.8	91	4.2	2.0	3.15	.09	0.12
105I	811113	500	38	32	64	15	1.0	330	2.70	8	229	1	4.0	1020	10.4	180	2.2	4.5	10.25	.18	0.12
105I	811114	200	42	23	44	8	0.7	230	2.20	10	320	2	4.5	1150	11.1	135	3.6	2.5	4.55	.16	0.61
105I	811115	340	58	20	48	6	1.0	77	1.50	18	572	4	8.0	930	16.1	141	7.4	1.5	4.95	.18	0.46
105I	811116	500	36	24	100	3	0.9	100	1.40	6	310	1	6.0	970	5.5	398	2.2	8.0	20.30	.27	0.50
105I	811117	3750	104	32	198	8	1.6	200	2.40	18	690	1	12.5	3000	21.3	300	11.3	29.5	6.30	1.21	1.70
105I	811118	1680	275	28	460	196	1.0	7300	2.10	14	230	1	10.0	1300	14.6	290	2.7	11.5	11.65	.27	0.21
105I	811119	2450	84	30	172	13	1.6	370	2.70	26	715	1	10.0	1920	23.4	334	10.2	23.0	6.90	.69	5.85
105I	811122	900	38	26	68	5	1.1	640	2.50	10	475	1	10.0	1400	15.5	554	3.1	8.0	15.50	1.08	0.50
105I	811123	1530	54	30	116	16	1.0	3150	3.50	25	650	2	16.0	1550	31.0	485	6.9	21.5	11.45	1.24	0.91
105I	811124	1210	64	80	78	8	0.7	680	2.50	18	640	1	9.5	2080	27.6	432	8.3	10.0	5.85	1.01	0.81
105I	811125	1150	62	84	76	7	0.6	675	2.40	16	650	1	9.5	1920	25.7	525	8.3	9.0	5.55	1.12	0.94
105I	811126	1750	70	28	126	7	1.2	166	2.00	12	725	1	14.0	1775	24.0	562	7.3	12.5	11.55	1.10	0.71
105I	811127	740	71	27	88	10	0.8	147	2.70	17	455	4	10.0	2180	28.7	413	5.4	4.5	5.95	0.85	0.82
105I	811128	1000	92	30	104	11	1.3	308	2.60	18	640	2	13.0	1820	24.6	423	7.6	7.0	8.95	1.01	0.63
105I	811129	1190	70	30	90	7	1.5	260	2.00	18	630	1	11.0	1810	19.1	469	8.0	9.0	8.65	1.08	1.21
105I	811130	340	42	18	48	6	1.3	164	1.50	10	515	1	10.5	2120	19.1	474	6.6	3.5	6.05	1.26	3.73
105I	811131	690	62	28	100	10	1.0	415	2.60	14	505	1	8.5	1670	23.7	388	7.1	5.5	7.20	1.10	0.52
105I	811132	600	74	30	106	10	1.0	380	2.30	14	415	2	9.0	2080	24.3	394	7.6	4.0	6.80	1.28	0.88
105I	811134	970	72	36	240	13	1.7	360	3.40	28	720	1	13.5	1320	34.4	634	8.5	6.5	12.15	0.85	0.25
105I	811135	485	86	26	102	9	0.1	260	2.00	14	435	1	9.0	2180	18.8	346	5.1	5.0	5.70	1.05	0.32
105I	811136	670	72	30	66	20	1.8	1400	3.40	18	460	1	20.0	1400	29.8	784	7.2	8.0	18.90	0.94	0.29
105I	811137	630	68	20	78	8	1.0	410	2.00	14	510	1	7.0	1725	32.5	522	7.2	5.5	9.80	0.87	0.27
105I	811138	400	73	20	64	9	0.8	318	2.10	10	480	1	7.5	1960	21.3	479	5.8	4.0	8.05	0.89	0.34
105I	811139	450	88	20	62	10	0.6	440	2.70	11	430	1	9.0	1775	22.2	397	5.8	4.0	6.35	0.66	0.51
105I	811140	205	40	17	30	8	0.1	470	2.20	6	250	1	6.0	1600	10.3	266	2.1	1.5	13.50	0.62	0.14
105I	811142	272	61	19	50	10	0.6	345	2.30	8	320	1	5.5	1920	13.7	387	3.2	2.5	12.10	.62	0.15
105I	811143	280	60	19	51	9	0.6	310	2.30	7	325	1	6.0	1800	13.4	387	3.1	2.5	13.00	.62	0.14
105I	811144	290	110	20	68	8	0.6	180	2.30	8	282	2	7.5	1775	18.2	461	2.7	3.0	12.15	.48	0.14
105I	811145	450	72	22	70	10	1.3	950	2.40	10	460	1	7.0	1650	17.9	461	4.5	5.0	18.50	.78	0.38
105I	811146	520	76	20	100	8	1.0	390	1.80	8	460	1	7.5	1790	14.3	493	4.2	5.0	19.05	.76	0.31
105I	811147	450	54	17	76	8	0.8	290	1.80	16	512	4	10.0	1700	28.7	381	5.1	3.5	10.40	.62	0.26
105I	811148	420	68	14	68	8	0.8	420	2.00	8	438	1	9.0	2040	13.0	338	3.2	5.0	11.90	.66	0.15
105I	811149	470	60	16	60	8	0.8	260	1.90	12	440	1	5.5	1750	15.2	296	5.1	5.0	8.05	.60	0.29
105I	811150																				
105I	811151	1680	70	22	170	15	1.0	500	2.50	24	500	2	6.0	1880	18.8	367	6.1	11.0	10.00	.57	0.29
105I	811152	190	70	15	40	11	0.5	240	2.60	8	300	1	6.0	2040	17.9	118	4.5	1.5	9.50	.64	0.20
105I	811153	1330	78	16	154	20	0.8	750	2.10	16	610	1	10.0	1680	19.5	278	7.2	10.5	6.95	.53	0.51
105I	811154	1640	114	17	140	16	1.1	460	2.60	24	750	4	10.5	1950	33.6	390	10.2	22.5	7.95	1.03	0.86
105I	811156	1450	84	15	168	22	1.0	565	2.30	18	640	1	10.5	1580	23.4	408	7.2	10.0	7.25	.78	0.82
105I	811157	500	70	20	84	16	1.0	645	2.80	12	400	1	7.0	1220	52.5	448	8.7	7.5	9.40	.55	0.36
105I	811158	780	130	19	84	11	2.5	190	2.30	24	970	1	11.0	1950	22.8	480	10.5	8.0	10.45	.76	0.40
105I	811159	650	156	22	170	65	0.1	182	3.20	6	142	1	4.5	720	11.5	149	1.6	4.5	5.40	.16	0.15
105I	811160	1340	132	14	106	10	1.6	290	2.50	23	860	2	10.5	2080	20.4	320	11.7	16.0	11.15	.96	0.92
105I	811162	1900	104	22	180	19	1.1	750	2.30	38	985	1	15.0	1220	29.1	245	16.3	19.5	7.90	.66	7.38
105I	811163	1680	72	10	138	29	1.0	580	2.30	18	578	6	12.5	915	21.6	175	10.2	13.0	6.30	.53	0.88
105I	811164	570	50	13	66	17	0.7	240	2.00	18	488	6	8.5	760	20.4	206	7.6	3.5	8.95	.23	0.28
105I	811165	540	88	18	84	17	1.1	415	2.70	18	598	4	9.5	1250	24.3	305	7.6	5.0	5.85	.50	0.38
105I	811166	260	72	18	50	26	0.8	520	4.50	9	298	4	8.0	1550	18.5	180	3.2	2.5	5.45	.53	0.40
105I	811168	515	56	20	58	17	1.0	390	3.30	10	341	2	8.5	1200	38.9	390	7.2	5.5	9.75	.48	0.27

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811169	740	56	20	126	14	1.0	380	2.70	7	324	1	7.0	1450	17.6	326	3.4	4.5	13.25	.66	0.26
105I	811170	450	70	16	76	12	1.0	320	2.20	10	320	1	6.0	1320	16.7	545	4.2	3.5	12.00	.60	0.19
105I	811171	1020	90	24	340	16	1.1	230	2.80	14	440	1	8.0	1400	22.2	462	4.0	5.5	9.65	.76	0.38
105I	811172	490	136	18	116	15	0.9	350	3.20	15	440	1	9.5	1550	24.6	368	5.1	7.0	7.80	.55	0.16
105I	811173	215	50	12	50	10	0.6	260	2.80	8	249	1	7.0	1080	20.4	307	3.2	1.0	7.00	.34	0.21
105I	811174	265	60	16	90	12	0.6	110	2.30	10	320	1	6.5	1450	12.1	342	2.5	1.5	10.00	.37	0.12
105I	811175	360	174	18	112	20	0.8	260	4.10	8	206	1	8.0	1350	16.7	542	2.2	3.0	8.90	.41	0.10
105I	811176	150	38	18	36	15	0.1	420	2.90	6	162	1	5.0	950	10.0	165	1.6	0.1	6.15	.30	0.15
105I	811177	151	38	18	30	14	0.3	435	2.80	5	155	1	6.0	1100	10.3	147	1.6	1.0	4.75	.27	0.15
105I	811178	215	54	10	54	12	0.8	298	2.50	5	249	1	4.5	1480	8.7	323	2.2	2.0	7.75	.55	0.36
105I	811179	205	44	8	48	10	0.5	1600	3.10	7	240	1	5.0	1150	11.5	300	1.8	1.5	15.50	.62	0.20
105I	811180	160	30	11	36	8	0.1	860	2.30	4	210	1	5.5	1250	8.7	187	1.6	1.0	7.40	.55	0.19
105I	811182	375	55	17	60	22	0.4	1720	3.40	8	200	1	6.0	1450	13.7	195	2.3	4.0	7.80	.57	0.23
105I	811183	123	35	25	32	15	0.2	735	3.20	5	119	2	6.0	910	9.2	103	1.6	0.1	6.90	.18	0.09
105I	811184	198	67	16	42	14	0.4	330	2.70	8	249	4	7.5	1480	16.1	211	3.4	2.0	5.55	.57	0.35
105I	811185	150	35	12	26	10	0.2	235	2.70	4	170	1	4.0	1220	9.2	180	1.2	0.1	9.10	.44	0.15
105I	811186	525	38	11	38	10	0.3	1030	2.40	4	144	1	4.0	950	6.0	314	1.8	4.5	20.45	.44	0.12
105I	811187	90	38	20	28	13	0.2	635	2.60	6	100	1	4.0	720	6.0	121	1.0	0.1	5.20	.21	0.09
105I	811188	86	34	18	24	11	0.2	645	2.40	4	106	1	4.5	635	5.5	108	1.0	0.1	5.95	.23	0.08
105I	811190	151	40	14	26	10	0.2	1380	2.60	4	110	1	3.5	830	8.4	202	1.3	1.0	11.90	.23	0.14
105I	811191	210	50	18	36	15	0.2	450	2.80	6	178	1	7.5	1080	12.4	161	2.2	1.5	6.30	.44	0.19
105I	811192	220	54	18	30	13	0.2	480	3.10	7	194	1	7.5	1170	12.7	155	2.5	1.5	5.15	.44	0.19
105I	811193	101	26	25	20	12	0.2	560	3.10	8	80	1	6.0	550	19.4	112	2.4	0.1	7.85	.14	0.05
105I	811194	94	18	19	24	9	0.2	650	2.80	4	72	1	4.5	670	19.4	94	4.1	0.1	6.75	.11	0.04
105I	811195	76	22	24	24	9	0.2	300	2.70	4	71	1	5.5	760	13.3	88	1.0	0.1	4.75	.14	0.04
105I	811196	122	52	55	20	19	0.1	590	3.20	6	76	1	10.0	570	6.4	169	0.5	0.1	14.85	.23	0.06
105I	811197	196	48	16	34	13	0.4	460	2.70	6	170	2	4.0	1030	11.1	259	1.9	1.5	11.65	.32	0.16
105I	811198	130	50	20	22	13	0.2	435	2.70	6	110	1	6.0	840	5.4	213	0.7	0.1	16.65	.21	0.07
105I	811199	143	50	30	36	20	0.1	920	3.80	5	138	1	5.5	860	20.1	125	3.0	0.1	5.40	.16	0.12
105I	811200	340	74	35	56	28	0.1	1800	6.10	10	142	1	7.0	860	11.4	148	1.1	4.0	7.40	.27	0.14
105I	811202	175	52	16	34	16	0.3	360	3.30	10	228	2	6.0	1100	20.7	239	3.0	1.5	5.00	.37	0.33
105I	811203	260	69	16	54	15	0.7	320	3.10	10	340	2	6.5	1200	31.1	378	7.0	2.5	5.75	.41	0.22
105I	811204	301	72	15	50	12	0.6	230	3.10	7	280	1	6.0	1600	16.4	379	2.7	2.5	8.65	.41	0.16
105I	811205	700	65	17	92	12	1.0	290	2.50	13	561	1	6.5	1560	13.9	305	5.2	9.2	5.00	.66	0.41
105I	811207	1090	72	10	124	5	1.2	228	1.40	32	900	1	10.5	1710	17.9	500	10.8	10.0	7.30	.92	0.21
105I	811208	860	38	16	132	10	0.7	450	2.60	10	490	1	5.0	1120	21.3	328	4.7	9.5	14.20	.60	0.57
105I	811209	167	43	18	30	14	0.1	745	3.30	5	220	1	6.0	1120	42.4	266	5.2	1.0	8.05	.39	0.23
105I	811210	196	40	21	26	11	0.6	380	3.00	4	150	1	4.5	1040	10.8	308	1.6	2.5	14.70	.32	0.19
105I	811211	157	36	12	20	10	0.3	268	2.50	6	143	1	3.5	1350	13.9	283	3.5	1.0	19.55	.37	0.17
105I	811212	1290	300	20	114	16	3.0	245	3.60	20	462	2	8.0	2620	15.7	405	8.7	9.0	10.00	1.31	0.24
105I	811213	158	38	22	38	19	0.1	780	3.80	6	193	1	5.0	950	9.1	116	1.5	0.5	5.80	.27	0.16
105I	811214	675	70	16	114	21	7.8	535	3.00	16	510	1	17.5	1455	25.8	335	7.7	5.0	7.00	.50	0.34
105I	811215	165	44	12	26	15	0.3	290	2.70	10	222	1	4.0	670	15.1	101	5.1	0.1	7.15	.16	0.13
105I	811216	500	45	20	58	8	0.4	125	2.20	8	359	1	6.5	1520	15.1	158	4.7	3.0	7.35	.44	0.23
105I	811217	520	40	13	54	7	0.4	190	2.10	8	360	1	5.5	1520	16.4	167	4.6	3.5	7.20	.44	0.21
105I	811218	880	32	54	48	8	0.4	140	2.50	8	358	1	6.5	1670	17.6	215	3.5	2.5	6.20	.53	0.35
105I	811219	750	26	74	36	7	0.4	170	4.10	8	118	1	5.0	1580	17.6	276	1.5	3.0	16.15	.41	0.14
105I	811220	340	26	35	34	8	0.4	230	2.30	6	235	1	4.5	1600	8.6	249	2.0	3.5	13.70	.41	0.15
105I	811222	480	24	17	44	8	0.9	410	2.00	7	277	8	5.0	1350	12.0	206	3.0	12.5	7.15	.57	0.25
105I	811223	1700	46	15	100	13	2.3	475	2.50	10	310	6	5.5	1320	19.4	227	5.9	11.5	15.60	.39	0.19

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	811224	700	22	25	32	9	0.4	960	2.60	11	215	1	5.5	950	17.0	188	7.6	4.0	15.00	.34	0.20
105I	811225	1610	56	36	110	10	1.3	350	2.30	22	630	1	9.0	1350	18.2	315	7.0	12.0	9.35	.41	0.30
105I	811226	920	107	15	162	7	1.7	150	2.10	10	295	1	26.0	830	17.6	478	4.5	11.5	24.30	.57	
105I	811227	1580	58	34	142	40	0.6	1400	2.20	10	258	4	5.5	950	15.1	168	3.6	7.0	4.15	.27	0.53
105I	811228	1060	54	24	76	10	0.6	210	2.20	18	578	1	7.0	1230	22.5	253	7.2	8.5	3.80	.27	0.71
105I	811229	1075	52	18	74	10	0.7	220	2.20	18	540	4	7.0	1250	22.5	108	7.2	7.5	3.95	.27	0.70
105I	811230	171	88	15	26	54	1.2	1790	1.00	12	270	1	4.5	580	35.6	301	6.4	1.0	21.55	.30	0.12
105I	811231	4600	200	16	320	45	1.1	860	3.60	25	650	1	24.0	1020	58.0	305	12.9	37.0	8.35	.48	2.14
105I	811232	3200	78	18	240	9	1.0	215	2.60	32	825	1	11.0	1500	22.9	290	10.6	26.0	5.75	.64	2.23
105I	811233	4800	63	17	185	10	1.2	500	2.50	24	1165	1	8.0	1025	31.0	551	14.8	18.5	8.00	.78	0.81
105I	811235	2060	92	17	160	15	0.9	410	3.60	29	820	1	12.5	1270	32.7	276	12.3	26.0	7.20	.85	3.10
105I	811236	3800	116	20	360	35	0.8	580	3.10	22	620	1	12.0	1230	32.1	435	8.8	44.0	10.35	.87	0.85
105I	811237	630	82	20	81	9	1.0	355	2.20	10	540	1	11.5	1175	26.5	564	5.9	5.5	12.65	.62	0.53
105I	811238	1180	103	23	125	14	1.2	510	3.20	19	569	1	9.0	1400	28.8	714	8.5	11.5	9.05	.89	1.04
105I	811239	840	90	18	90	9	1.3	420	2.60	13	618	1	11.5	1100	37.2	689	9.0	9.0	8.90	.78	0.45
105I	811240	880	116	18	120	11	1.0	550	3.00	10	405	1	7.5	1305	28.2	586	7.2	9.5	8.45	.78	0.64
105I	811242	5500	65	13	360	7	1.2	140	2.20	14	581	4	6.5	1060	20.0	385	7.7	31.0	9.20	.60	0.85
105I	811243	1920	88	16	135	13	1.3	760	2.90	12	439	1	10.5	1350	22.9	431	7.0	13.5	10.40	.80	0.68
105I	811244	2100	62	18	150	9	1.0	300	2.30	34	670	6	9.0	1100	24.1	296	9.5	16.5	6.10	.48	1.07
105I	811245	2300	71	20	175	13	1.2	310	2.70	26	650	1	10.0	1175	24.1	382	9.5	16.5	10.20	.41	0.42
105I	811246	650	46	17	52	7	0.6	190	2.30	8	400	1	5.5	1060	20.2	297	5.2	5.0	5.95	.46	0.49
105I	811247	630	48	20	61	9	1.2	660	2.80	10	441	1	9.0	1370	21.0	406	4.3	5.0	11.15	.50	0.29
105I	811248	690	46	16	70	15	0.3	2700	4.00	7	270	1	7.0	850	16.3	335	2.3	6.0	15.70	.48	0.27
105I	811249	860	132	18	125	27	0.3	910	4.20	12	295	4	13.0	1060	69.0	63	5.4	8.0	9.10	.60	0.38
105I	811250	520	88	16	85	18	0.4	640	3.10	9	245	1	7.0	940	40.0	103	5.1	6.5	13.90	.50	0.29
105I	811251																				
105I	811252	90	56	15	20	7	0.6	250	2.00	6	129	1	5.5	660	19.7	207	2.4	0.1	6.40	.25	0.18
105I	811253	320	76	16	57	10	0.4	275	3.10	8	270	1	7.0	1200	16.1	313	3.5	2.5	5.30	.57	0.74
105I	811255	638	81	19	68	12	0.8	295	3.20	10	380	1	7.0	1175	19.5	311	5.7	5.0	7.60	.48	0.43
105I	811256	500	61	16	55	10	0.8	670	3.30	9	300	1	6.5	1100	27.6	396	3.8	6.0	8.05	.48	0.39
105I	811257	398	195	18	55	30	0.5	680	3.00	7	260	1	6.5	660	50.9	231	7.2	2.5	5.25	.27	0.47
105I	811258	718	200	19	115	39	0.8	1000	3.60	10	325	1	9.5	720	156.0	170	13.2	6.5	4.30	.30	0.54
105I	811259	720	220	16	103	38	0.8	900	3.60	8	326	1	8.5	750	146.3	168	12.0	6.5	3.65	.30	0.50
105I	811260	320	110	15	53	15	0.6	278	3.70	10	280	1	4.5	675	229.1	114	14.3	2.0	2.75	.30	0.51
105I	811262	1120	85	20	320	17	1.4	330	3.70	14	425	1	10.0	850	36.3	300	7.8	12.0	9.30	.87	0.44
105I	811263	510	126	13	186	36	0.9	1540	3.30	8	290	1	6.5	800	74.8	147	8.8	8.0	2.40	.30	0.47
105I	811264	420	146	18	77	19	0.8	395	3.80	10	292	2	7.5	675	166.7	116	13.6	3.0	2.60	.34	0.41
105I	811265	610	74	13	106	14	0.7	400	2.40	10	395	1	5.5	960	62.4	197	6.7	6.0	4.60	.41	0.34
105I	811266	900	56	26	93	20	0.6	470	2.60	8	280	1	6.0	790	19.0	96	4.2	3.5	6.05	.32	0.23
105I	811267	600	46	16	81	9	0.6	290	2.30	8	335	1	4.5	940	17.1	236	4.0	6.0	19.00	.44	0.18
105I	811268	90	25	14	12	5	0.4	235	1.60	5	126	1	3.0	460	4.9	54	0.7	0.5	8.90	.25	0.10
105I	811269	320	32	22	30	4	0.3	74	2.80	9	206	1	8.0	660	22.4	211	4.1	9.0	45.25	.46	0.07
105I	811270	300	25	15	42	10	0.4	300	2.70	7	306	1	4.0	1630	13.0	143	2.5	2.5	9.10	.44	0.11
105I	811271	420	33	70	30	5	0.6	295	2.40	5	265	1	5.0	960	9.2	311	2.0	3.5	33.55	.55	0.13
105I	811272	160	52	15	47	9	0.6	180	2.60	5	268	1	4.0	1270	35.1	264	7.2	1.0	5.35	.32	0.29
105I	811273	900	132	18	151	31	0.8	920	2.90	9	390	1	8.0	900	19.1	217	7.1	8.0	7.00	.30	0.41
105I	811274	980	126	18	150	29	0.8	1050	2.80	8	388	1	8.5	905	19.3	199	7.2	9.0	5.20	.30	0.38
105I	811275	1040	54	15	122	11	1.0	360	2.30	13	600	4	7.0	1220	21.1	367	7.6	10.0	9.75	.44	0.26
105I	811276	1480	84	14	200	24	1.0	500	2.70	14	530	6	7.0	1175	31.3	369	9.4	16.5	8.45	.57	0.31
105I	811277	310	184	8	88	4	2.6	145	1.10	4	78	1	16.5	218	17.5	727	2.5	16.5	44.80	.37	0.06

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811278	130	90	13	35	17	0.3	250	4.20	4	150	2	5.0	900	22.8	126	4.9	0.1	4.80	.16	0.06
105I	811280	1040	142	19	144	24	1.0	520	2.90	11	439	4	9.5	1030	23.4	309	10.3	12.0	5.00	.46	1.05
105I	811283	140	108	15	33	17	0.3	350	3.10	7	205	1	4.5	835	23.4	156	4.0	0.1	3.80	.16	0.06
105I	811284	210	62	12	45	11	0.6	250	4.00	7	234	1	4.5	650	56.8	165	4.7	0.1	5.25	.23	0.21
105I	811285	200	68	10	47	15	0.5	340	4.10	8	235	2	6.0	650	58.9	169	5.8	0.1	5.85	.25	0.20
105I	811286	210	76	13	33	5	0.6	120	7.50	13	308	1	12.0	530	35.1	268	7.2	0.1	12.10	.71	0.06
105I	811287	100	48	12	25	5	0.5	135	8.00	10	250	1	9.0	520	37.3	203	5.1	0.1	12.25	.62	0.05
105I	811288	305	68	20	45	17	0.5	400	3.70	10	225	4	7.0	588	20.8	238	4.3	1.5	9.60	.27	0.16
105I	811289	118	26	13	20	2	0.3	65	1.00	8	125	1	2.0	550	86.8	141	7.1	1.0	27.25	.18	0.07
105I	811290	160	44	22	25	5	0.4	128	5.40	10	188	14	6.5	470	395.0	97	54.5	0.1	12.60	.21	0.14
105I	811291	330	55	18	30	8	0.7	250	2.90	16	360	1	6.5	620	48.6	223	8.9	1.0	5.65	.37	0.45
105I	811292	370	65	15	65	9	0.7	300	2.60	10	306	1	7.0	1090	27.6	252	4.7	3.0	6.05	.46	0.28
105I	811293	438	64	18	63	14	0.4	495	2.80	8	282	8	7.5	1120	50.2	109	7.2	3.5	5.35	.41	0.29
105I	811294	940	208	10	135	32	0.9	840	3.90	16	281	10	13.5	1100	122.0	66	4.5	9.0	13.10	.55	0.71
105I	811295	620	270	7	65	31	0.7	1180	3.70	13	142	32	7.0	1220	164.0	57	5.6	8.5	10.95	.48	0.22
105I	811296	1180	110	20	165	16	1.4	1220	3.60	17	420	1	9.5	1190	39.6	245	10.7	12.5	4.95	.64	0.39
105I	811297	1000	90	14	125	14	0.8	695	2.60	12	335	4	10.0	1150	33.9	147	7.2	13.5	10.65	.50	1.19
105I	811298	960	106	12	117	15	0.9	660	2.40	12	360	4	10.5	1090	38.9	147	8.1	12.0	7.50	.53	1.15
105I	811299	298	28	31	28	10	0.1	375	2.10	19	129	4	18.5	565	153.0	76	5.4	2.0	7.50	.21	0.14
105I	811300	120	30	35	8	8	0.1	280	2.30	31	62	1	29.0	650	86.8	37	5.1	0.1	9.75	.14	0.05
105I	811302	160	18	38	13	10	0.1	355	2.30	6	60	1	8.5	620	71.1	15	3.2	0.1	6.05	.14	0.06
105I	811303	160	33	22	36	11	0.4	300	3.10	6	144	1	4.0	430	24.6	58	2.0	1.0	15.30	.16	0.19
105I	811304	310	42	22	62	20	0.4	595	3.80	6	169	1	5.5	550	28.7	75	2.2	2.0	9.40	.18	0.22
105I	811305	90	30	32	8	9	0.2	300	2.40	6	70	1	15.5	650	139.0	38	3.5	0.1	8.55	.18	0.06
105I	811306	4000	98	26	400	25	0.5	1030	3.80	16	310	1	13.5	975	240.0	97	8.3	22.0	6.20	.41	0.53
105I	811307	1440	160	39	157	32	1.8	650	4.50	32	900	1	15.0	1030	128.0	508	26.3	16.0	6.00	.69	3.47
105I	811308	460	36	34	66	18	0.1	870	2.60	12	308	6	15.0	715	97.4	51	2.3	4.5	5.70	.18	0.11
105I	811309	1980	80	27	340	14	1.5	385	3.50	20	690	4	9.5	1150	133.0	366	18.6	16.0	7.85	.69	0.38
105I	811310	720	168	23	135	47	0.6	880	4.10	14	234	40	13.0	1030	122.0	89	7.7	6.0	18.10	.44	0.10
105I	811311	520	117	19	65	19	0.4	380	4.40	18	380	40	7.0	1090	65.8	131	7.6	4.0	7.55	.41	0.37
105I	811312	200	35	23	39	18	0.1	240	3.60	6	229	2	4.5	600	17.5	108	2.5	0.1	11.40	.21	0.20
105I	811313	260	25	14	47	18	0.4	520	3.70	8	198	1	5.0	550	19.0	136	2.7	0.1	7.80	.21	0.20
105I	811314	240	26	14	57	18	0.1	270	4.20	6	255	1	4.5	630	29.1	114	2.3	0.1	7.80	.16	0.17
105I	811315	280	64	28	67	38	0.1	490	4.90	6	186	4	6.0	550	162.0	90	10.2	0.1	3.85	.16	0.13
105I	811316	330	92	30	77	52	0.1	700	5.30	10	221	1	4.0	650	39.6	56	3.8	0.1	5.00	.16	0.16
105I	811318	560	72	25	160	68	0.1	1045	4.70	10	215	1	5.0	715	19.9	103	2.9	2.2	4.65	.14	0.28
105I	811319	330	49	20	55	20	0.1	310	3.90	4	222	1	4.5	610	19.9	107	4.3	1.2	0.75	.14	0.20
105I	811320	320	40	20	62	31	0.1	490	4.20	6	230	1	4.0	625	20.5	120	3.6	1.0	6.30	.16	0.28
105I	811322	690	60	22	91	24	0.6	370	3.90	15	229	1	4.5	515	21.4	154	3.6	4.7	5.20	.16	0.22
105I	811323	600	124	17	140	66	1.0	770	4.60	10	214	1	7.0	660	50.9	200	4.7	4.1	11.45	.21	0.13
105I	811324	180	51	17	40	24	0.4	360	2.80	8	78	1	4.0	685	41.9	52	4.5	0.2	2.80	.14	0.03
105I	811325	110	28	25	24	7	0.4	118	3.50	10	220	1	3.5	610	24.0	133	3.0	0.1	11.10	.18	0.17
105I	811326	520	46	24	79	17	0.9	320	3.50	14	264	1	5.5	550	22.8	279	4.7	11.0	9.25	.21	0.87
105I	811327	90	55	23	20	8	0.6	88	3.00	16	161	1	5.0	910	44.1	76	5.4	0.1	6.05	.14	0.06
105I	811328	40	36	13	10	4	0.3	98	3.00	12	148	60	4.5	1000	36.6	36	2.7	0.1	5.05	.14	0.05
105I	811329	380	90	14	75	19	0.6	435	3.20	12	245	1	4.0	800	28.3	150	4.7	3.0	3.40	.16	0.38
105I	811330	670	137	17	96	32	1.0	660	3.50	15	112	1	4.0	775	27.6	222	5.4	7.0	4.80	.21	0.44
105I	811332	540	108	12	110	19	0.9	630	3.30	10	260	1	4.5	885	32.8	168	5.1	6.1	3.20	.16	0.46
105I	811333	220	16	19	30	22	0.6	1040	4.00	8	165	1	3.5	540	18.7	119	1.1	0.1	13.50	.21	0.12
105I	811334	180	14	20	30	15	0.3	260	3.00	10	160	1	4.5	635	15.1	109	0.9	0.1	13.15	.18	0.12

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	811335	190	16	17	30	12	0.3	1140	3.50	9	125	1	3.5	585	15.1	103	0.5	0.1	13.25	.27	0.07
105I	811336	175	12	20	23	12	0.3	720	3.90	8	120	1	7.5	500	162.0	82	1.3	0.1	19.15	.34	0.08
105I	811337	160	12	18	25	12	0.5	390	3.00	8	110	1	3.0	635	14.5	114	0.5	0.1	14.50	.30	0.06
105I	811338	210	19	19	45	13	0.4	520	3.00	11	265	1	5.0	750	13.9	121	2.2	3.7	11.10	.41	0.05
105I	811339	110	12	15	12	5	0.5	535	2.30	6	79	1	1.5	335	1.7	100	0.2	0.1	45.75	.21	0.02
105I	811340	120	12	16	20	6	0.8	190	2.30	5	280	1	3.5	685	5.3	118	0.2	0.1	17.00	.27	0.04
105I	811342	118	10	22	21	12	0.1	400	2.50	8	123	12	5.5	780	8.9	80	0.5	0.1	7.20	.30	0.06
105I	811343	120	14	21	25	14	0.1	370	2.80	6	121	6	5.0	755	10.0	113	0.5	0.1	9.55	.30	0.07
105I	811344	118	13	19	25	12	0.1	350	2.80	7	123	4	4.5	750	10.3	107	0.5	0.1	9.00	.27	0.06
105I	811346	150	26	18	34	17	0.1	630	3.20	9	139	2	4.0	820	13.6	204	1.0	0.1	10.05	.37	0.06
105I	811347	140	12	14	20	8	0.5	328	2.20	8	105	1	3.5	600	7.1	50	0.7	0.1	27.75	.34	0.05
105I	811348	140	18	22	33	18	0.1	390	2.80	8	125	4	3.5	910	14.1	70	1.2	0.1	7.70	.44	0.06
105I	811349	150	11	26	25	10	0.1	710	2.90	6	201	40	6.0	715	29.9	46	1.2	2.5	6.70	.37	0.07
105I	811350	100	15	24	30	14	0.4	240	2.80	6	120	1	4.0	780	8.2	44	0.6	0.1	4.80	.37	0.05
105I	811351	130	17	20	30	16	0.4	590	3.00	8	119	2	3.0	750	9.0	73	0.6	0.1	11.25	.30	0.05
105I	811352	260	37	27	68	25	0.4	410	3.90	8	150	1	5.0	675	14.7	86	1.1	0.1	4.00	.30	0.13
105I	811353	140	26	24	42	18	0.1	290	3.40	8	121	1	3.5	750	10.9	70	0.7	0.1	8.45	.30	0.05
105I	811354	200	70	44	43	13	0.8	140	5.50	14	260	4	5.0	575	66.7	58	21.7	0.1	5.75	.32	0.51
105I	811355	150	28	32	46	24	0.1	430	4.50	6	133	4	4.0	775	26.3	15	2.3	0.1	2.75	.32	0.07
105I	811356	140	24	26	43	22	0.1	410	3.80	6	130	2	3.5	715	21.6	15	1.7	0.1	3.40	.30	0.06
105I	811357	138	26	25	45	28	0.1	420	3.90	6	146	1	3.5	785	21.3	15	2.1	1.0	4.05	.34	0.06
105I	811358	140	28	30	57	24	0.1	510	4.50	10	134	4	4.0	785	33.2	15	2.0	0.1	2.60	.34	0.06
105I	811359	120	26	25	15	4	2.4	40	7.50	12	260	1	4.0	625	64.2	61	13.9	0.1	11.20	.41	0.31
105I	811360	73	26	41	10	2	1.4	45	0.00	8	263	1	4.0	585	164.0	53	21.7	0.1	12.95	.41	0.27
105I	811362	380	159	45	75	40	0.8	690	4.20	4	179	1	5.0	600	32.3	79	4.9	0.1	2.55	.18	0.67
105I	811363	278	94	55	60	30	1.3	540	5.30	8	220	1	5.5	565	58.1	76	14.7	0.1	3.25	.34	0.65
105I	811364	260	90	54	60	30	1.8	540	4.80	4	228	1	5.5	575	57.1	78	14.7	0.1	3.50	.34	0.65
105I	811365	120	48	20	12	6	1.2	80	3.00	6	220	4	4.0	500	75.2	40	8.3	0.1	8.50	.25	0.21
105I	811366	180	28	38	45	18	0.1	355	3.70	8	144	2	4.0	855	35.0	35	2.6	0.1	6.55	.37	0.06
105I	811367	92	22	30	10	1	0.1	78	3.80	12	180	1	3.5	420	137.8	47	6.2	0.1	16.50	.60	0.11
105I	811368	122	71	22	10	1	0.6	72	7.00	16	280	4	4.0	500	52.8	41	8.7	0.1	10.50	.50	0.25
105I	811369	154	52	28	26	12	3.4	290	4.80	10	175	10	14.5	810	132.0	36	5.6	0.1	9.90	.30	0.10
105I	811370	172	28	28	36	18	4.2	500	4.00	7	145	8	4.5	825	43.1	15	5.3	0.1	5.95	.30	0.08
105I	811371	170	33	31	40	17	0.1	480	4.40	8	140	4	4.0	760	100.0	31	11.3	0.1	7.80	.32	0.07
105I	811372	144	20	13	20	15	0.3	1900	3.20	7	60	1	6.0	200	43.7	113	1.4	4.5	52.50	.48	0.01
105I	811373	100	15	37	10	9	0.6	665	3.20	6	120	6	17.0	1520	17.0	15	0.8	0.1	0.30	.23	0.07
105I	811374	78	15	54	12	15	0.1	1040	4.60	9	175	28	44.0	2180	17.6	15	0.8	0.1	1.25	.39	0.06
105I	811375	90	10	47	6	12	0.1	740	3.20	5	120	6	17.5	1520	12.3	15	0.6	0.1	1.30	.25	0.06
105I	811376	190	26	30	34	18	1.0	2400	4.60	12	150	8	36.0	680	124.4	91	2.4	1.5	22.60	.39	0.06
105I	811377	87	13	44	6	11	0.1	796	3.60	8	140	20	24.0	1640	9.5	15	0.4	0.1	3.95	.34	0.06
105I	811378	78	11	36	6	11	0.1	860	3.60	7	150	24	20.5	1950	3.8	15	0.4	0.1	1.15	.27	0.07
105I	811380	92	12	39	7	12	0.1	980	4.20	9	175	70	34.0	2180	3.1	15	0.4	0.1	0.35	.32	0.06
105I	811382	98	19	53	6	14	0.4	840	3.60	6	135	6	44.0	1520	5.2	15	0.5	0.1	3.50	.34	0.06
105I	811383	82	14	40	6	10	0.1	640	2.80	6	120	8	32.0	1450	5.8	15	0.4	0.1	5.25	.27	0.05
105I	811384	88	12	47	8	10	0.3	770	3.20	8	120	24	60.0	1350	17.2	15	0.4	0.1	5.35	.23	0.05
105I	811385	160	12	63	10	12	0.2	820	3.40	6	120	24	57.0	1350	17.2	15	0.4	0.1	4.75	.21	0.05
105I	811387	94	23	54	6	13	0.1	760	3.40	6	115	10	45.0	1450	7.6	15	0.8	0.1	7.25	.39	0.05
105I	811388	85	20	63	9	13	0.1	770	3.40	5	120	24	48.0	1375	7.2	15	0.8	0.1	5.20	.30	0.06
105I	811389	83	14	33	16	12	0.1	615	3.00	7	140	60	29.0	1025	45.0	15	0.6	0.1	4.65	.21	0.06
105I	811390	136	43	50	68	26	0.1	890	6.00	13	185	1	4.5	650	50.9	46	2.8	2.5	11.65	.32	0.05

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811391	63	8	32	8	5	0.1	390	1.80	6	80	24	28.0	975	4.9	15	0.4	0.1	5.35	.16	0.05
105I	811392	164	40	43	30	19	0.1	600	3.60	9	140	16	81.0	940	47.9	35	1.1	0.1	7.20	.27	0.08
105I	811393	105	21	18	32	14	0.1	330	3.00	6	120	1	3.5	740	16.3	85	0.7	0.1	5.40	.30	0.04
105I	811394	92	26	56	28	12	0.1	500	3.20	7	115	40	17.0	760	125.8	15	2.4	0.1	6.35	.18	0.08
105I	811395	250	42	20	54	18	0.8	570	3.60	6	190	2	5.0	635	15.8	215	1.1	0.1	12.75	.18	0.24
105I	811396	144	50	18	36	17	0.1	200	3.20	9	240	1	4.5	675	34.4	190	4.9	0.1	6.10	.14	0.16
105I	811397	140	40	14	35	10	0.1	132	2.80	8	235	1	4.0	565	23.9	98	3.8	0.1	1.45	.11	0.32
105I	811398	218	26	20	40	18	0.3	350	3.60	7	265	1	4.0	600	30.2	86	8.3	0.1	3.75	.11	0.18
105I	811399	220	27	20	46	19	0.3	290	3.40	8	95	4	4.5	660	23.3	88	3.6	0.1	3.70	.14	0.19
105I	811400	357	37	21	60	24	0.3	450	4.00	7	245	6	5.5	625	29.1	206	3.7	0.1	4.10	.18	0.23
105I	811402	197	21	18	42	14	0.1	330	3.00	6	240	1	5.5	700	22.3	85	5.5	0.1	3.85	.16	0.16
105I	811403	235	23	19	46	22	0.1	780	3.20	5	235	2	5.5	700	22.3	100	3.2	0.1	9.40	.21	0.17
105I	811404	175	23	20	39	13	0.1	200	3.00	6	254	2	4.5	600	32.0	253	4.1	0.1	15.00	.14	0.18
105I	811405	182	34	20	36	11	0.4	160	4.00	6	305	1	5.0	625	29.7	712	3.6	0.1	6.85	.14	0.28
105I	811406	122	24	15	34	13	0.4	540	2.20	5	95	1	5.0	475	4.9	86	0.4	0.1	6.40	.37	0.10
105I	811407	168	24	19	34	10	0.1	195	5.00	8	170	1	4.5	565	16.9	100	0.9	0.1	7.80	.25	0.23
105I	811408	170	25	18	36	11	0.1	460	3.60	9	165	1	4.0	585	16.9	99	0.8	0.1	5.70	.25	0.23
105I	811409	172	22	19	34	16	0.1	390	3.60	5	280	1	5.5	565	40.3	227	10.9	0.1	7.00	.16	0.15
105I	811410	144	24	15	32	14	0.1	260	3.00	6	185	1	4.5	605	13.7	99	1.1	0.1	4.00	.16	0.20
105I	811411	194	23	20	38	24	0.3	475	4.00	6	275	4	3.5	575	23.3	175	2.3	0.1	8.25	.14	0.18
105I	811412	192	23	20	40	18	0.1	365	3.40	6	242	1	4.5	535	22.3	91	2.7	0.1	5.85	.11	0.23
105I	811413	290	52	30	42	23	0.1	280	5.00	7	250	6	6.5	640	420.4	83	22.2	0.1	4.40	.18	0.15
105I	811414	290	31	20	84	23	0.1	730	3.40	8	215	1	4.0	675	34.4	105	2.1	0.1	4.25	.23	0.25
105I	811415	540	25	19	146	39	0.1	1060	3.60	8	160	1	3.5	660	19.0	146	1.7	1.8	5.55	.30	0.28
105I	811417	550	38	16	164	38	0.1	800	3.40	7	190	1	5.0	675	65.0	143	2.9	1.5	6.70	.30	0.30
105I	811418	270	32	14	90	22	0.2	1200	3.40	7	130	2	4.5	670	18.5	158	1.2	0.1	5.75	.39	0.27
105I	811419	164	37	14	46	14	0.2	240	3.00	8	210	1	4.5	600	85.5	131	3.7	0.1	10.00	.25	0.25
105I	811420	136	30	20	24	7	0.2	120	4.00	7	285	2	5.0	535	94.5	170	9.2	0.1	5.00	.14	0.42
105I	811422	64	30	14	22	5	0.7	72	2.20	7	250	1	5.0	510	18.0	102	2.0	0.1	10.00	.14	0.23
105I	811423	73	32	17	18	6	0.8	72	2.40	7	230	1	4.5	510	20.6	111	2.0	0.1	10.85	.14	0.24
105I	811424	126	34	19	28	7	0.4	90	4.20	8	345	1	5.0	575	38.5	157	4.7	0.1	5.00	.18	0.47
105I	811425	380	38	15	130	60	0.4	1900	3.60	7	190	8	5.0	700	36.1	199	2.8	1.5	6.20	.37	0.25
105I	811426	440	79	20	148	40	0.4	2200	3.80	8	145	6	4.0	700	20.6	121	1.9	0.1	5.50	.27	0.34
105I	811427	240	68	35	30	12	0.7	270	4.80	10	180	1	12.0	505	99.1	68	4.3	0.1	8.70	.21	0.16
105I	811428	74	29	18	16	6	0.1	190	2.40	4	170	1	3.5	535	15.3	55	3.2	0.1	16.00	.14	0.11
105I	811429	184	19	20	30	8	0.1	150	2.40	7	118	1	4.5	350	24.4	71	1.5	3.0	25.90	.25	0.07
105I	811430	700	76	28	112	38	0.5	660	3.40	9	233	6	12.0	760	211.8	74	9.4	4.0	6.90	.37	0.09
105I	811431	285	40	28	74	26	0.1	470	4.20	6	230	1	5.0	510	90.0	15	10.6	0.1	5.25	.21	0.17
105I	811432	190	33	23	52	15	0.1	260	3.40	4	200	4	4.0	510	38.5	43	5.3	0.1	10.00	.18	0.13
105I	811434	178	31	23	40	20	0.1	500	5.20	6	210	1	4.5	550	28.5	73	1.7	0.1	5.75	.14	0.15
105I	811435	168	58	28	38	18	0.1	510	4.70	6	185	1	5.0	650	21.7	32	1.5	0.1	3.40	.23	0.16
105I	811436	200	99	26	35	18	0.6	410	5.30	11	180	8	17.5	700	46.2	36	2.8	0.1	4.45	.23	0.29
105I	811437	120	41	25	12	6	0.6	180	7.50	12	350	4	6.5	575	43.8	30	4.1	0.1	6.80	.18	0.20
105I	811438	134	70	35	32	11	0.6	290	7.10	9	170	4	5.0	640	25.5	48	1.9	0.1	2.95	.34	0.25
105I	811439	300	84	30	76	20	0.8	425	3.80	6	175	2	6.0	675	13.7	111	1.5	0.1	4.50	.18	0.49
105I	811440	168	54	22	14	6	1.0	110	9.90	9	280	1	5.0	500	55.9	61	5.1	0.1	6.20	.21	0.30
105I	811442	690	137	23	200	52	1.6	710	5.00	8	240	1	5.5	620	29.7	272	2.6	1.8	6.35	.18	0.58
105I	811443	200	90	20	38	10	1.8	170	0.10	11	210	1	6.0	675	21.2	69	2.1	0.1	6.75	.18	0.56
105I	811444	360	138	30	84	22	2.2	535	6.30	9	230	6	7.0	600	34.4	190	3.6	0.1	6.65	.16	0.83
105I	811445	148	78	26	38	10	1.2	100	4.50	9	245	6	4.5	575	26.7	84	2.3	0.1	3.75	.16	0.69

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	811446	184	68	43	40	18	1.6	180	5.50	8	280	6	5.5	575	49.7	68	13.6	0.1	4.80	.30	0.64
105I	811447	192	69	44	38	20	1.6	360	5.00	8	280	6	5.0	575	52.7	67	14.7	0.1	4.75	.30	0.67
105I	811448	335	68	22	98	31	0.3	620	4.00	8	218	2	4.0	770	16.3	113	1.5	0.1	8.30	.23	0.27
105I	811450	320	53	17	94	20	0.1	580	3.60	6	210	1	4.0	675	14.7	87	1.7	0.1	4.15	.16	0.31
105I	811451	400	118	22	108	22	0.1	285	3.90	6	220	1	4.0	585	11.0	140	1.5	0.1	5.50	.11	0.44
105I	811452	210	62	16	50	10	0.6	210	2.80	5	195	1	4.5	460	15.3	136	1.5	0.1	7.85	.14	0.38
105I	811453	140	28	14	42	14	0.4	390	3.30	5	150	1	4.5	520	11.2	80	0.7	0.1	5.00	.18	0.18
105I	811454	168	28	26	36	15	0.4	550	4.40	6	170	1	4.5	520	16.9	146	0.8	0.1	10.00	.18	0.25
105I	811455	148	26	20	40	15	0.3	540	3.60	6	155	1	3.5	550	18.0	64	1.3	0.1	5.15	.25	0.11
105I	811456	190	23	20	38	16	0.3	350	3.40	7	180	1	4.5	675	12.6	95	1.1	0.1	7.70	.25	0.14
105I	811457	122	30	13	20	4	0.1	90	2.20	6	110	1	2.5	430	6.7	433	0.7	1.5	32.25	.25	0.05
105I	811458	176	28	23	37	17	0.1	635	3.60	6	155	1	4.5	686	15.3	197	1.7	0.1	11.85	.27	0.09
105I	811459	128	24	18	32	10	0.1	165	3.00	8	150	1	4.0	660	11.6	101	0.4	0.1	12.00	.25	0.08
105I	811460	132	21	20	28	12	0.1	240	3.30	8	150	1	4.5	675	14.3	81	0.6	0.1	9.00	.23	0.08
105I	811462	148	15	14	21	13	0.1	640	3.20	21	187	14	9.0	825	14.3	80	1.1	0.1	6.00	.23	0.11
105I	811463	186	18	22	28	12	0.1	350	3.00	18	234	4	6.5	850	27.0	57	2.6	0.1	3.55	.18	0.11
105I	811464	285	48	17	48	26	0.6	630	3.30	17	247	2	5.0	720	31.8	128	4.1	0.1	7.15	.21	0.27
105I	811465	75	23	13	18	11	0.1	450	2.30	13	100	1	4.5	550	9.1	51	0.4	1.6	8.00	.16	0.06
105I	811466	95	28	25	28	20	0.1	1190	3.60	10	112	1	4.5	600	7.7	15	1.3	0.1	3.65	.14	0.05
105I	811467	127	26	18	17	13	0.1	1150	3.10	10	110	1	5.0	455	4.5	70	0.4	0.1	12.55	.16	0.06
105I	811468	260	50	24	44	19	0.1	560	3.50	8	211	1	5.0	800	14.9	115	1.9	2.4	6.55	.27	0.17
105I	811469	250	50	21	38	19	0.1	570	3.40	12	202	1	5.0	825	16.0	132	1.9	2.0	6.55	.27	0.16
105I	811470	285	56	23	40	19	0.1	390	3.60	12	236	1	5.5	885	18.7	132	1.6	2.0	4.05	.25	0.22
105I	811471	118	29	14	24	13	0.1	2650	3.60	6	167	1	4.0	650	8.2	151	1.1	0.1	12.70	.23	0.10
105I	811472	119	44	16	24	15	0.1	230	2.10	6	142	1	6.5	520	5.9	211	0.9	0.8	28.60	.16	0.07
105I	811474	260	48	10	44	10	0.5	210	2.30	10	475	1	7.0	960	7.3	372	1.7	2.0	7.15	.39	0.12
105I	811475	88	24	21	22	16	0.1	810	3.10	8	100	1	3.5	430	14.3	48	2.2	0.1	4.60	.14	0.04
105I	811476	111	30	20	26	17	0.1	540	3.40	8	119	1	5.0	540	13.5	78	2.2	0.1	8.60	.14	0.05
105I	811477	400	111	16	158	10	1.8	170	2.60	10	281	1	11.5	635	9.1	579	2.8	3.5	35.20	.62	0.12
105I	811478	110	39	28	26	19	0.1	1190	3.30	15	136	1	8.0	450	8.0	68	1.7	0.1	10.80	.21	0.07
105I	811479	124	36	28	30	16	0.1	600	3.80	10	112	1	4.5	425	33.5	36	3.0	0.1	3.15	.16	0.07
105I	811480	77	24	16	23	13	0.1	570	2.80	12	110	1	4.0	455	13.5	15	0.7	0.1	4.10	.14	0.06
105I	811482	102	26	12	20	12	0.1	530	2.60	12	112	1	5.0	440	8.6	46	0.7	0.8	8.00	.16	0.07
105I	811483	100	23	16	23	11	0.1	530	2.50	12	114	2	4.0	440	8.2	36	0.4	0.1	6.35	.16	0.06
105I	811484	101	25	19	23	13	0.1	470	2.80	11	100	1	5.0	430	9.1	32	0.4	0.1	4.85	.14	0.04
105I	811485	70	18	18	18	10	0.1	155	2.20	10	86	1	5.5	335	1.8	30	0.2	0.1	6.10	.14	0.04
105I	811486	109	39	24	20	13	0.1	470	2.40	10	94	1	27.0	335	41.2	68	0.4	0.1	17.60	.25	0.05
105I	811487	125	24	22	20	12	0.1	380	2.40	10	90	1	7.0	390	6.4	39	0.4	0.1	13.60	.21	0.04
105I	811488	70	18	18	16	12	0.1	360	2.40	10	77	1	4.5	350	10.0	15	0.4	0.1	4.30	.11	0.04
105I	811489	91	18	17	18	12	0.1	300	2.30	8	76	2	5.0	560	35.3	33	1.5	0.1	5.10	.14	0.04
105I	811490	111	26	16	25	16	0.1	630	3.30	8	100	1	5.0	430	9.5	43	0.4	0.1	7.05	.14	0.03
105I	811491	77	14	14	15	10	0.1	760	6.30	10	90	1	4.0	335	13.3	63	1.0	0.1	18.30	.71	0.05
105I	811492	124	32	28	25	15	0.1	590	3.20	6	111	1	5.5	440	30.0	79	4.6	0.1	12.40	.14	0.05
105I	811494	240	56	10	51	11	0.9	200	3.90	10	250	1	6.5	675	16.5	414	2.2	3.0	18.65	.44	0.17
105I	811495	245	80	13	60	8	1.0	25	2.50	12	264	1	5.5	1000	9.5	477	1.7	1.5	7.40	.27	0.15
105I	811496	400	34	176	25	12	3.0	650	2.90	8	112	1	3.0	975	27.0	79	7.8	2.3	13.35	.30	0.08
105I	811497	145	27	17	24	8	0.1	390	2.30	5	165	1	3.0	840	19.2	152	1.1	0.8	12.55	.32	0.13
105I	811498	176	45	14	25	8	0.1	350	2.20	9	156	1	3.5	760	3.9	509	0.7	1.0	24.15	.34	0.17
105I	811499	140	33	35	27	15	0.7	560	3.30	10	194	1	3.5	125	22.5	87	8.9	1.0	7.75	.30	0.07
105I	811500	190	33	24	26	11	0.5	480	3.40	10	179	1	4.5	660	14.3	136	2.8	1.2	12.90	.30	0.09

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811502	220	40	13	30	10	0.2	325	2.30	7	281	2	5.5	685	13.0	122	2.6	1.1	4.70	.27	0.13
105I	811503	220	42	14	33	10	0.4	350	2.40	8	287	1	6.0	700	13.3	129	2.6	1.2	5.00	.30	0.14
105I	811504	105	21	25	23	13	0.1	900	2.80	6	107	1	4.5	400	15.4	46	2.6	0.1	6.40	.14	
105I	811505	600	95	20	67	20	0.8	640	3.60	16	394	2	9.0	825	26.4	198	5.2	4.0	5.95	.46	0.16
105I	811506	245	32	14	34	13	0.2	750	2.60	8	194	2	5.0	575	12.2	88	1.3	2.0	5.75	.23	0.09
105I	811507	116	20	24	27	10	0.1	210	2.40	7	125	1	5.0	440	14.3	41	1.3	0.1	8.15	.14	0.05
105I	811508	100	21	28	21	10	0.1	575	2.60	5	86	2	5.0	440	59.1	34	2.0	0.1	5.55	.14	0.05
105I	811509	92	20	21	18	10	0.2	530	2.50	5	80	1	5.0	500	23.0	39	2.2	0.1	5.90	.11	0.04
105I	811511	140	30	22	25	11	0.2	300	3.50	6	100	1	7.0	475	143.5	68	1.7	0.1	19.70	.21	0.04
105I	811512	140	32	18	38	19	0.1	840	3.10	6	105	2	6.0	450	108.2	38	2.2	0.1	10.85	.16	0.04
105I	811513	120	39	22	36	15	0.1	470	3.40	4	122	1	6.5	485	44.2	15	1.7	0.1	8.05	.18	0.05
105I	811514	58	13	10	21	6	0.2	330	1.90	4	62	2	3.5	335	17.6	15	0.7	0.1	4.80	.09	0.02
105I	811515	123	32	28	37	22	0.1	1230	4.00	6	137	2	4.0	565	4.5	37	0.6	0.1	6.20	.14	0.07
105I	811516	1560	36	98	87	15	0.1	580	2.50	10	231	1	3.5	1450	13.8	171	2.6	7.5	8.00	.14	0.35
105I	811517	1080	75	17	154	28	0.7	875	2.90	20	506	6	11.0	940	30.6	220	7.7	8.5	8.85	.46	0.46
105I	811518	960	55	19	100	8	0.3	215	3.00	10	331	1	10.0	1020	25.8	60	5.2	6.0	13.50	.30	0.57
105I	811519	84	30	22	31	14	0.2	630	3.30	6	90	2	3.5	540	3.2	15	0.2	0.1	2.40	.11	0.05
105I	811520	114	142	38	44	20	0.2	955	2.80	7	137	1	23.0	520	5.5	47	0.2	0.1	20.60	.21	0.03
105I	811522	68	30	20	32	12	0.1	505	2.70	6	71	1	3.0	475	1.8	15	0.2	0.1	4.00	.09	0.03
105I	811523	86	45	24	41	20	0.1	610	3.60	8	100	1	4.5	585	2.3	15	0.2	0.1	3.20	.14	0.05
105I	811524	106	47	26	38	18	0.1	730	3.70	6	114	1	6.0	550	18.7	15	0.4	0.1	8.00	.16	0.03
105I	811525	295	64	20	54	16	0.4	440	3.30	14	297	8	8.5	1100	52.3	68	2.8	2.8	4.50	.60	0.33
105I	811526	116	35	26	34	14	0.1	500	3.00	6	115	2	5.5	600	10.0	15	0.2	0.1	6.60	.14	0.05
105I	811527	132	32	22	39	20	0.1	1000	3.60	6	137	2	5.5	635	10.0	15	0.2	0.1	10.30	.16	0.06
105I	811528	128	34	22	42	19	0.1	1120	3.40	6	125	2	5.5	635	11.6	15	0.2	0.1	7.00	.16	0.06
105I	811529	104	24	27	26	12	0.1	590	3.20	7	100	1	5.0	600	11.1	15	0.2	0.1	4.65	.14	0.04
105I	811530	80	23	23	27	8	0.8	455	2.70	6	99	2	4.5	715	2.7	15	0.2	0.1	2.15	.11	0.05
105I	811531	84	27	24	26	12	0.1	525	2.90	7	99	16	5.5	775	9.1	15	0.2	0.1	3.60	.14	0.06
105I	811532	94	33	24	33	14	0.1	820	2.80	8	101	2	5.5	540	15.4	15	0.2	0.1	10.00	.16	0.05
105I	811533	100	33	25	32	14	0.1	410	3.00	8	110	1	6.0	600	16.5	15	0.2	0.1	5.00	.18	0.05
105I	811534	104	47	30	33	18	0.1	1050	3.20	7	119	1	4.5	550	3.2	15	0.2	0.1	5.00	.18	0.05
105I	811535	94	28	22	37	13	0.1	530	2.90	4	96	2	4.5	725	3.2	15	0.2	0.1	3.35	.11	0.05
105I	811537	94	48	26	33	13	0.1	575	3.00	7	112	1	4.5	560	2.8	15	0.2	0.1	6.05	.11	0.04
105I	811538	136	75	30	41	22	0.1	1450	3.80	3	135	1	6.0	635	2.5	15	0.2	0.1	3.00	.18	0.06
105I	811539	118	40	24	30	19	0.1	960	3.40	4	106	1	6.0	560	32.0	15	0.4	0.1	2.90	.16	0.05
105I	811540	126	47	19	27	17	0.1	1660	3.80	6	94	1	3.5	540	5.1	38	0.2	0.1	13.85	.16	0.04
105I	811542	104	40	24	36	18	0.1	605	3.30	3	117	2	5.5	660	2.1	15	0.2	0.1	4.60	.16	0.05
105I	811543	78	29	20	28	13	0.1	330	2.70	5	94	4	6.0	635	41.1	15	0.6	0.1	4.20	.16	0.05
105I	811544	81	30	23	35	13	0.1	335	2.80	4	100	1	5.0	560	37.3	15	0.4	0.1	2.30	.14	0.05
105I	811545	140	99	28	37	18	0.1	375	2.90	5	122	2	7.5	650	36.2	58	0.4	0.1	9.40	.16	0.05
105I	811546	105	48	26	42	16	0.1	305	3.10	8	115	2	6.0	660	10.2	86	0.4	0.1	3.25	.14	0.05
105I	811547	126	58	30	42	17	0.1	280	2.80	7	114	2	7.5	560	14.7	15	0.4	0.1	3.85	.16	0.05
105I	811548	122	42	28	44	21	0.1	540	3.00	8	116	1	7.0	610	21.1	32	0.2	0.1	7.20	.21	0.05
105I	811549	245	109	28	137	66	0.1	1070	3.40	9	116	4	8.0	635	12.0	15	0.2	0.1	5.00	.18	0.05
105I	811550	100	55	24	50	19	0.1	960	3.50	8	100	1	3.0	625	17.4	15	0.5	0.1	4.40	.18	0.02
105I	811552	68	24	18	27	12	0.1	470	2.40	8	85	2	4.5	475	8.5	15	0.2	0.1	1.75	.11	0.05
105I	811553	114	45	16	50	11	0.7	2100	2.50	8	80	1	6.5	405	4.6	149	0.4	2.0	46.20	.41	0.02
105I	811554	76	28	14	27	10	0.1	400	2.40	8	77	8	4.0	360	6.0	15	0.2	0.1	1.75	.09	0.02
105I	811555	80	28	18	28	11	0.1	440	2.70	8	76	4	5.5	405	6.5	15	0.2	0.1	2.00	.09	0.02
105I	811556	104	32	26	36	14	0.1	485	3.20	7	97	1	5.5	340	21.1	15	0.4	0.1	1.80	.14	0.04

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811557	64	31	18	16	8	0.7	285	2.80	9	89	1	5.0	650	21.1	15	0.2	0.1	1.85	.09	0.04
105I	811558	90	26	22	28	10	0.1	430	2.60	9	95	1	5.0	560	14.8	15	0.6	0.1	5.60	.16	0.04
105I	811559	62	21	19	24	9	0.1	350	2.20	7	51	1	5.0	465	7.2	15	0.2	0.1	3.80	.14	0.03
105I	811560	80	26	21	38	13	0.1	500	2.20	9	52	4	5.0	335	15.1	15	0.4	0.1	3.80	.11	0.03
105I	811562	72	24	25	30	11	0.1	465	2.30	6	81	1	5.0	520	18.2	15	0.4	0.1	4.65	.11	0.03
105I	811563	80	26	24	26	10	0.1	285	2.50	7	87	1	4.5	465	16.9	15	0.7	0.1	8.70	.11	0.03
105I	811564	62	15	15	20	8	0.1	290	1.90	7	76	2	4.0	380	9.2	15	0.5	0.1	3.55	.09	0.03
105I	811565	66	19	20	22	10	0.1	430	2.20	5	81	4	3.5	450	15.4	15	1.6	0.1	6.20	.11	0.03
105I	811566	86	23	17	26	9	0.1	340	2.00	5	89	2	5.0	350	7.4	39	0.4	0.1	9.50	.11	0.03
105I	811567	82	28	27	26	12	0.1	485	2.60	5	112	1	5.0	430	9.7	32	0.7	0.1	7.15	.11	0.05
105I	811568	160	40	19	55	21	0.1	535	2.50	5	106	1	6.0	365	14.6	15	0.5	0.1	8.65	.11	0.04
105I	811569	142	42	22	48	16	0.1	380	2.70	4	102	1	4.5	375	14.8	15	0.5	0.1	8.50	.09	0.04
105I	811570	90	22	19	24	12	0.1	550	2.70	6	104	8	4.5	475	226.6	46	5.7	0.1	6.80	.14	0.05
105I	811571	105	29	21	31	10	0.1	485	2.40	7	144	2	4.0	610	52.0	44	0.8	0.1	6.55	.21	0.16
105I	811573	1600	122	20	345	20	1.4	425	2.30	22	725	2	12.0	1320	21.1	417	6.5	24.0	11.30	.94	0.19
105I	811574	126	42	30	45	22	0.1	1000	3.50	7	130	1	4.5	550	6.0	15	0.9	0.1	3.50	.09	0.06
105I	811575	300	59	15	46	13	1.0	320	2.50	13	312	1	6.5	1040	14.3	90	2.4	3.8	6.35	.50	0.34
105I	811576	104	28	25	28	12	0.1	440	2.60	6	106	1	5.0	540	44.1	37	2.0	0.1	3.75	.11	0.05
105I	811577	112	31	31	35	15	0.1	630	2.80	7	94	1	4.5	485	10.9	35	0.8	0.1	4.00	.09	0.04
105I	811578	295	64	16	54	16	0.1	360	3.00	13	410	1	8.5	1100	24.2	175	3.7	4.0	5.50	.60	0.34
105I	811579	92	22	20	24	10	0.1	400	2.20	5	100	1	4.5	600	14.3	79	2.4	0.1	6.15	.14	0.05
105I	811580	120	33	27	30	12	0.1	400	2.80	7	123	1	4.5	500	6.5	57	0.7	0.1	8.00	.14	0.06
105I	811582	92	24	21	26	12	0.1	400	2.30	6	90	1	5.5	510	102.6	69	3.6	0.1	7.05	.14	0.04
105I	811583	79	21	23	23	10	0.1	150	2.10	7	100	2	4.5	520	87.6	71	3.6	0.1	6.30	.14	0.04
105I	811584	88	28	22	25	10	0.1	200	1.90	5	99	1	6.5	440	2.3	47	0.4	0.1	7.15	.11	0.03
105I	811585	88	22	23	20	10	0.1	485	2.00	5	81	1	6.0	440	4.6	45	0.4	0.1	5.05	.14	0.03
105I	811587	74	24	19	28	10	0.1	500	2.40	6	84	2	4.5	405	73.9	71	2.8	0.1	7.30	.11	0.04
105I	811588	69	34	23	27	8	0.1	245	1.70	5	87	1	4.5	440	20.1	57	1.4	0.1	10.15	.11	0.04
105I	811589	72	21	23	22	10	0.1	370	2.40	9	87	2	4.5	430	12.8	34	0.9	0.1	2.80	.11	0.04
105I	811590	63	20	18	23	10	0.1	400	1.90	8	72	1	3.5	440	12.2	15	0.8	0.1	2.70	.11	0.04
105I	811591	140	32	30	44	13	0.1	335	3.40	6	119	2	6.0	540	12.2	40	0.4	0.1	6.75	.14	0.04
105I	811592	62	18	18	20	8	0.1	125	2.30	7	62	1	4.5	430	16.1	40	0.4	0.1	4.80	.11	0.03
105I	811593	73	17	14	23	8	0.1	320	2.00	6	70	1	5.0	440	18.0	34	0.4	0.1	6.00	.14	0.03
105I	811594	126	26	16	46	16	0.1	750	2.60	9	76	2	6.0	360	16.1	15	0.5	0.1	2.60	.14	0.03
105I	811595	166	43	25	60	25	0.1	780	3.10	8	97	2	7.0	475	41.7	15	0.5	0.1	3.90	.14	0.04
105I	811596	188	73	30	64	40	0.1	1130	3.00	5	87	2	7.0	400	22.1	15	0.8	0.1	5.25	.11	0.04
105I	811597	300	98	36	126	48	0.1	1500	3.70	10	120	2	11.0	685	76.1	36	1.0	0.1	8.50	.18	0.04
105I	811598	80	26	21	26	11	0.1	405	3.00	6	99	1	6.0	560	26.5	15	0.2	0.1	4.65	.14	0.05
105I	811599	64	25	17	24	12	0.1	280	2.20	6	89	2	7.0	535	35.6	15	0.2	0.1	4.60	.14	0.04
105I	811600	74	34	24	30	12	0.1	455	2.50	5	90	4	6.5	560	55.5	15	0.6	0.1	4.60	.14	0.05
105I	811602	120	29	27	28	13	0.1	725	2.70	7	95	1	7.5	455	15.9	37	0.4	0.1	7.35	.16	0.05
105I	811603	108	28	24	25	12	0.1	680	2.50	6	90	1	8.0	520	15.9	32	0.2	0.1	8.40	.16	0.06
105I	811604	104	39	19	22	10	0.1	215	6.30	6	87	1	25.0	455	824.4	55	3.0	0.1	22.05	.18	0.04
105I	811605	94	33	23	30	14	0.1	430	2.80	5	95	2	5.0	635	27.7	15	0.6	0.1	6.10	.16	0.04
105I	811606	92	24	25	28	10	0.1	380	2.70	8	99	2	6.0	610	36.8	32	0.8	0.1	6.35	.16	0.04
105I	811608	112	33	30	32	10	0.1	270	2.90	6	100	2	6.0	520	13.3	15	1.2	0.1	9.60	.16	0.05
105I	811609	112	30	25	27	11	0.1	530	3.00	7	100	1	6.0	575	6.9	48	0.7	0.1	7.00	.11	0.04
105I	811610	100	24	25	26	12	0.1	355	2.70	5	91	1	5.0	585	9.2	40	0.8	0.1	4.70	.14	0.05
105I	811611	420	94	13	74	17	0.1	330	3.00	20	381	2	10.0	1500	30.2	127	4.6	5.0	3.20	.85	0.47
105I	811612	160	43	23	38	19	0.1	530	3.60	10	162	2	5.0	775	15.3	15	0.8	0.1	4.35	.23	0.14

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MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811613	285	60	17	48	16	0.1	535	3.70	13	300	1	7.0	1050	15.3	122	2.7	2.5	5.75	.34	0.19
105I	811614	158	35	21	34	17	0.1	900	3.70	12	160	2	5.0	650	10.0	47	0.6	0.1	5.00	.23	0.10
105I	811615	250	40	12	40	14	0.1	460	2.80	7	232	2	5.0	785	10.6	77	1.3	3.0	5.25	.23	0.21
105I	811616	112	30	24	28	15	0.1	780	2.90	7	105	1	4.5	520	10.6	41	0.6	0.1	7.65	.11	0.05
105I	811617	78	38	33	29	17	0.1	600	2.70	7	136	1	4.5	505	18.8	54	0.4	0.1	11.85	.11	0.05
105I	811618	310	41	21	44	15	0.1	1090	2.90	10	161	1	14.0	675	19.4	101	1.5	6.5	14.10	.25	0.14
105I	811619	370	60	21	77	16	0.1	430	2.70	9	237	2	13.5	625	12.9	135	2.3	2.0	7.85	.21	0.11
105I	811620	160	18	27	31	7	0.1	380	1.70	10	155	4	4.0	910	61.1	56	2.5	0.1	8.60	.27	0.09
105I	811622	100	35	23	24	11	0.1	650	3.10	10	151	6	4.0	975	873.8	33	8.8	0.1	6.55	.39	0.10
105I	811623	190	34	110	22	12	0.1	840	3.20	8	112	2	4.0	850	470.0	77	37.2	0.1	7.00	.21	0.07
105I	811624	124	22	45	26	13	0.1	845	2.70	8	96	1	3.5	725	32.7	41	9.4	0.1	4.40	.14	0.05
105I	811625	168	25	22	26	8	0.1	415	2.50	10	162	1	4.0	1065	24.8	91	5.0	1.3	25.70	.37	0.08
105I	811626	156	24	16	26	8	0.1	440	2.20	8	160	1	4.0	940	23.5	100	4.2	1.0	23.60	.39	0.08
105I	811627	88	15	13	18	5	0.1	360	1.30	6	95	1	2.0	875	10.0	67	1.0	0.1	5.00	.21	0.05
105I	811628	220	35	18	36	14	0.1	505	3.90	14	372	6	4.5	1770	18.8	116	1.6	1.0	7.10	.44	0.24
105I	811629	164	36	16	35	17	0.1	880	3.50	10	250	6	4.0	1320	13.5	92	1.3	0.1	6.30	.39	0.16
105I	811630	136	27	18	26	9	0.1	240	2.20	4	125	1	3.5	1250	14.7	109	4.0	0.1	13.45	.23	0.07
105I	811631	115	26	15	24	14	0.6	785	2.80	9	181	1	4.0	1150	8.9	50	0.8	0.1	6.55	.50	0.09
105I	811632	100	22	17	22	9	0.8	570	2.50	10	139	1	4.0	1100	10.6	52	0.8	0.1	5.40	.41	0.06
105I	811633	112	16	17	20	5	0.1	395	1.50	9	87	1	2.5	1430	8.6	112	0.8	0.1	5.25	.25	0.02
105I	811635	162	22	12	60	6	0.1	210	1.20	18	239	10	4.0	885	6.9	87	2.6	1.8	4.35	.18	0.04
105I	811636	153	22	12	51	4	0.1	195	0.90	17	232	12	5.0	910	5.7	100	2.5	1.5	4.15	.16	0.02
105I	811637	130	18	15	42	6	0.1	280	1.80	8	117	1	2.5	1060	6.4	95	0.4	0.1	9.50	.14	0.12
105I	811638	65	7	12	20	2	0.1	80	0.40	11	87	1	3.0	405	2.5	35	0.2	0.1	3.20	.09	0.02
105I	811639	48	8	10	14	3	0.1	140	0.60	8	62	1	2.0	455	2.5	15	0.2	0.1	4.60	.07	0.02
105I	811640	49	8	12	15	4	0.1	140	0.60	9	66	1	1.5	510	3.0	34	0.2	0.1	3.30	.09	0.02
105I	811642	104	16	14	45	7	0.1	260	1.60	8	115	4	2.5	1010	5.6	43	0.2	0.1	6.00	.14	0.02
105I	811643	54	7	14	16	2	0.6	95	0.40	9	76	6	1.5	405	3.3	73	0.4	0.1	3.40	.09	0.01
105I	811644	137	9	11	18	3	0.5	150	0.60	7	125	1	2.0	660	2.5	70	0.4	0.3	6.60	.21	0.02
105I	811645	53	8	12	12	4	0.1	260	1.00	7	85	4	2.5	635	5.0	41	0.4	0.2	2.90	.23	0.03
105I	811646	200	24	15	34	6	0.7	295	1.50	9	300	1	3.5	1170	8.9	140	2.5	1.9	7.90	.30	0.10
105I	811647	197	22	14	30	5	0.1	280	1.50	11	276	1	4.0	1150	7.2	131	2.3	2.0	6.85	.32	0.09
105I	811648	104	26	36	23	9	0.1	520	2.00	10	160	1	3.5	1040	14.1	67	2.3	0.5	3.85	.30	0.09
105I	811649	134	24	32	23	10	0.1	575	2.20	11	152	1	4.0	1130	24.7	62	4.4	0.7	5.00	.37	0.11
105I	811650	245	30	67	28	14	0.1	380	3.30	8	199	1	5.0	1430	46.8	173	3.1	0.4	14.50	.46	0.09
105I	811651	62	19	40	18	10	0.1	640	2.50	10	124	4	11.5	940	5.3	15	0.4	0.2	0.85	.25	0.10
105I	811652	64	18	43	10	8	0.1	665	2.40	6	127	16	19.0	1040	6.9	15	0.6	0.1	0.70	.32	0.08
105I	811653	32	8	17	10	4	0.1	245	0.70	7	51	1	1.5	500	9.4	15	1.9	0.2	1.20	.14	0.02
105I	811654	67	56	19	18	5	0.1	525	1.10	7	51	1	2.5	700	27.8	104	1.3	0.9	32.80	.32	0.01
105I	811655	99	18	18	22	10	0.1	510	2.50	7	141	2	3.5	1350	8.9	57	0.5	0.4	8.65	.25	0.07
105I	811656	260	26	17	36	4	0.1	155	1.10	12	151	2	10.0	700	10.0	270	1.9	5.0	41.30	.30	0.01
105I	811657	158	19	34	25	7	1.0	535	1.80	8	205	2	5.5	1125	19.1	53	2.3	0.6	2.55	.50	0.07
105I	811658	116	19	47	18	9	0.8	730	2.50	8	161	6	12.0	1320	21.8	41	1.5	0.5	3.50	.37	0.09
105I	811659	160	12	15	32	13	0.1	500	1.40	7	85	1	1.5	725	25.3	15	1.3	1.3	3.15	.09	0.07
105I	811662	740	125	52	185	22	0.1	390	3.00	36	494	32	10.0	975	352.6	66	26.6	2.0	6.25	.60	0.15
105I	811663	320	22	37	50	16	0.1	830	2.90	8	162	14	20.0	1425	49.2	15	1.0	2.0	2.15	.34	0.08
105I	811664	310	21	36	49	16	0.1	780	2.70	9	152	10	20.0	1450	48.6	15	1.3	4.2	2.70	.32	0.08
105I	811665	85	11	40	6	10	0.1	840	3.10	10	181	18	25.0	1450	5.0	15	0.2	0.1	1.60	.37	0.07
105I	811666	74	10	39	10	10	0.1	800	2.80	7	165	12	22.0	1400	4.0	15	0.4	0.1	1.25	.23	0.08
105I	811667	155	29	52	32	12	0.1	800	2.90	10	170	12	69.0	1270	47.4	35	1.9	0.1	5.00	.32	0.09

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811668	138	64	59	52	17	0.6	645	3.10	7	162	1	24.0	790	161.8	45	3.0	0.1	7.00	.27	0.10
105I	811669	117	23	34	38	8	0.6	470	2.00	6	206	2	5.0	575	108.8	15	3.5	0.1	1.20	.21	0.08
105I	811671	88	20	47	12	9	0.1	675	2.50	9	127	8	64.0	1060	14.7	15	1.0	0.1	4.15	.30	0.07
105I	811672	99	12	34	12	10	0.1	805	2.80	11	165	8	17.5	1300	30.2	15	2.5	0.1	1.50	.30	0.08
105I	811673	168	26	52	30	18	0.1	900	3.00	9	150	4	49.0	1060	19.4	15	1.7	0.1	6.80	.32	0.07
105I	811674	90	12	35	10	10	0.1	890	3.10	12	185	36	37.0	1430	5.0	15	0.4	0.1	2.05	.41	0.07
105I	811675	280	60	23	44	8	0.8	240	5.50	13	212	1	7.0	540	39.4	36	4.0	0.1	9.10	.37	0.20
105I	811676	150	25	25	44	12	0.1	555	2.20	9	152	1	5.5	1000	91.7	49	1.9	1.0	15.25	.21	0.09
105I	811677	170	20	26	47	10	0.1	440	2.10	8	231	2	4.0	800	58.3	36	2.7	1.0	6.40	.34	0.13
105I	811678	675	37	17	102	10	0.1	405	2.50	13	281	1	4.5	775	22.4	293	2.9	8.2	19.15	.23	0.15
105I	811679	95	14	14	26	6	0.1	200	0.80	10	110	1	2.0	850	5.0	67	1.5	1.0	2.50	.25	0.04
105I	811680	1740	49	15	164	14	0.1	450	2.90	17	297	2	4.0	1170	15.0	149	3.3	18.0	8.00	.32	0.10
105I	811682	62	10	18	14	6	0.1	220	0.80	8	72	1	1.0	660	4.3	56	0.6	0.1	2.40	.16	0.05
105I	811683	64	8	12	15	5	0.1	205	0.60	6	57	1	1.5	600	4.8	67	1.0	0.1	1.85	.16	0.03
105I	811684	120	30	31	26	13	0.1	500	2.50	6	107	2	3.5	1000	17.1	152	1.0	0.1	10.90	.18	0.05
105I	811685	84	9	15	17	4	0.1	190	0.60	7	74	1	1.5	635	4.3	90	1.0	0.1	1.70	.16	0.03
105I	811686	88	8	12	18	4	0.1	185	0.60	6	75	1	1.5	575	4.5	32	1.3	0.1	1.45	.16	0.03
105I	811688	1950	275	23	212	32	0.1	770	2.80	23	281	16	8.5	700	14.9	219	4.1	22.0	6.65	.18	0.08
105I	811689	105	10	20	16	4	0.1	145	0.50	5	62	1	1.5	720	4.2	91	1.0	0.1	2.25	.02	0.02
105I	811690	112	11	17	22	5	0.1	185	0.60	7	100	2	2.0	785	4.7	112	1.9	1.5	1.55	.23	0.02
105I	811691	78	12	17	23	4	0.1	190	0.90	9	97	2	2.5	525	5.2	54	1.1	1.2	1.10	.16	0.03
105I	811692	43	7	15	8	2	0.1	185	0.60	4	40	1	1.0	375	4.7	46	0.7	1.0	0.85	.16	0.01
105I	811693	25	6	12	6	2	0.1	195	0.70	4	40	1	0.5	295	5.0	15	0.6	0.8	1.40	.11	0.01
105I	811694	200	24	16	34	9	0.1	150	2.20	9	285	2	3.5	1100	6.7	69	2.2	0.9	10.75	.25	0.05
105I	811695	162	20	12	43	5	0.1	170	1.30	12	214	4	4.0	835	5.4	79	1.7	2.1	2.15	.21	0.04
105I	811696	60	14	15	30	4	0.1	235	1.40	6	74	1	3.0	925	3.2	38	0.4	0.1	3.75	.11	0.02
105I	811697	31	7	10	5	3	0.1	125	0.40	6	50	1	1.5	345	2.6	15	0.2	0.1	1.90	.05	0.01
105I	811698	180	36	23	47	18	0.9	590	3.90	7	190	2	2.4	585	8.1	49	0.4	0.1	8.10	.14	0.09
105I	811699	310	40	11	80	8	0.1	240	1.70	21	344	8	3.5	685	8.1	82	2.6	6.4	5.75	.16	0.24
105I	811700	1050	55	19	116	29	0.1	555	2.70	23	302	10	6.0	680	20.7	95	3.5	18.0	4.45	.16	0.40
105I	811702	39	9	13	14	4	0.1	155	0.80	6	61	1	1.5	440	2.8	15	0.2	0.1	2.55	.07	0.02
105I	811703	40	9	8	17	4	0.1	115	0.70	4	69	1	2.0	455	2.4	15	0.4	0.1	1.90	.07	0.01
105I	811704	39	8	12	16	4	0.1	110	0.60	8	70	1	2.0	455	2.1	15	0.4	0.1	1.95	.07	0.01
105I	811705	95	18	15	36	8	0.1	360	1.70	8	121	2	2.5	540	4.7	39	0.4	0.1	2.65	.09	0.07
105I	811706	124	23	12	38	10	0.1	285	2.20	6	125	2	2.0	750	3.8	38	0.4	0.1	10.25	.14	0.08
105I	811707	65	14	19	26	6	0.1	315	1.50	8	92	1	2.5	650	3.8	15	0.2	0.1	2.25	.09	0.04
105I	811708	100	19	21	30	9	0.1	455	2.30	7	110	1	2.5	755	5.2	31	0.4	0.4	3.65	.11	0.07
105I	811709	250	30	15	55	11	0.1	437	2.40	10	187	2	3.5	580	7.2	46	1.3	2.0	3.10	.09	0.14
105I	811710	100	13	17	28	6	0.1	275	1.20	10	100	1	2.0	660	4.2	35	0.7	1.5	1.55	.09	0.10
105I	811711	190	18	14	52	4	0.1	102	0.70	19	244	4	5.0	790	5.2	65	1.4	2.0	2.10	.11	0.03
105I	811712	171	15	20	34	6	0.1	210	1.00	14	162	2	3.0	710	6.4	102	1.9	2.0	2.15	.16	0.06
105I	811713	168	22	22	36	7	0.1	220	1.30	16	169	6	4.0	750	20.7	175	2.6	2.0	1.90	.11	0.05
105I	811714	820	47	13	105	14	0.1	310	6.00	19	206	1	8.5	535	12.8	63	2.8	12.8	7.20	.23	0.07
105I	811715	12000	99	20	745	33	0.1	2060	5.20	55	157	4	14.0	850	53.5	111	3.0	110.0	9.35	.11	0.13
105I	811716	58	7	12	10	2	0.1	120	0.40	8	50	1	2.0	335	3.8	55	0.9	1.0	1.25	.11	0.02
105I	811717	125	18	16	36	5	0.1	234	1.10	16	150	4	3.5	660	5.4	70	1.7	1.2	2.10	.11	0.05
105I	811718	275	72	34	54	25	0.1	765	4.20	10	281	1	17.0	585	13.6	87	1.9	1.5	8.15	.21	0.18
105I	811719	1850	123	24	295	35	0.1	475	3.30	21	275	2	8.0	760	10.6	115	3.7	25.0	7.25	.16	0.10
105I	811722	580	38	20	105	14	0.1	380	2.20	22	219	8	3.5	800	10.1	82	4.1	7.4	2.05	.16	0.10
105I	811723	370	30	20	65	8	0.1	290	1.80	18	195	10	4.0	800	8.6	73	3.3	6.0	2.05	.21	0.09

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	811724	125	19	18	22	5	0.1	220	1.40	8	100	6	1.5	940	7.6	53	1.1	1.5	2.10	.30	0.08
105I	811725	220	18	17	34	6	0.1	240	1.10	10	150	2	2.0	630	5.9	36	2.5	3.7	1.25	.21	0.07
105I	811726	125	37	28	35	18	0.1	800	3.00	8	137	1	3.0	875	159.8	169	7.1	0.1	4.85	.18	0.07
105I	811727	360	45	31	76	28	0.1	650	3.20	10	244	2	5.5	660	33.5	57	3.7	2.1	4.60	.21	0.16
105I	811728	430	130	24	75	23	0.1	630	2.80	9	344	1	4.0	660	27.3	114	5.6	3.7	3.35	.18	0.36
105I	811729	1080	122	19	125	44	0.1	1360	2.70	10	331	6	4.5	685	21.2	131	4.8	5.9	4.15	.21	0.35
105I	811730	660	120	23	100	18	0.1	525	2.80	7	330	1	4.0	585	16.6	156	3.7	6.3	3.20	.18	0.40
105I	811731	600	92	25	128	27	0.1	825	2.70	10	325	1	5.5	650	23.7	169	3.7	7.0	5.15	.18	0.36
105I	811732	210	26	26	33	14	0.1	415	3.10	8	262	4	5.5	650	23.2	70	3.3	0.9	6.05	.16	0.13
105I	811733	280	27	25	51	28	0.1	1960	3.30	7	211	1	5.5	520	27.3	103	1.7	2.1	9.60	.18	0.13
105I	811734	180	42	25	47	13	0.3	310	2.80	4	206	1	4.0	610	14.1	151	0.9	0.9	7.20	.16	0.20
105I	811735	240	34	30	59	21	0.1	520	3.10	6	200	1	5.0	750	58.6	42	3.1	1.2	4.55	.25	0.11
105I	811736	150	30	25	40	16	0.1	780	3.00	5	187	1	3.0	685	16.5	59	0.9	1.0	8.20	.23	0.11
105I	811737	170	66	57	22	4	0.3	190	6.60	13	325	1	5.5	710	93.1	30	3.7	0.1	5.95	.25	0.07
105I	811738	275	50	35	73	34	1.0	910	3.90	6	156	4	6.5	750	145.3	34	13.5	1.3	9.10	.30	0.26
105I	811739	380	127	40	53	38	0.8	700	5.00	10	200	1	6.0	750	135.7	34	10.9	1.2	10.00	.30	0.25
105I	811742	163	69	42	26	6	2.2	142	7.10	12	262	2	7.0	635	179.1	15	22.6	0.1	5.60	.44	0.38
105I	811743	63	30	27	14	5	3.4	130	5.10	10	281	1	4.5	510	25.8	68	3.7	0.1	18.35	.48	0.21
105I	811744	132	60	40	17	6	0.4	232	7.80	10	281	1	5.0	625	246.6	15	24.5	0.1	5.55	.34	0.24
105I	811745	176	66	100	30	12	1.2	440	9.20	28	201	8	33.0	985	984.0	15	21.8	0.1	7.40	.69	0.12
105I	811747	196	84	108	35	13	1.5	460	8.20	26	200	2	40.0	900	882.1	15	21.6	0.1	9.45	.64	0.12
105I	811748	102	21	50	12	12	0.1	785	3.20	8	167	40	54.0	1375	179.1	15	1.7	0.1	6.45	.27	0.07
105I	811749	198	75	34	60	12	0.5	352	8.80	18	139	1	34.0	710	556.6	62	5.8	0.1	20.00	.37	0.07
105I	811750	200	58	33	45	9	0.6	400	3.30	7	144	10	16.0	985	56.5	15	1.9	0.1	4.80	.23	0.18
105I	811751	295	74	21	62	18	0.5	400	3.50	7	144	1	8.5	760	60.8	15	2.4	0.1	6.85	.18	0.23
105I	811752	550	100	37	110	52	0.1	780	3.80	6	215	1	7.0	725	111.6	15	3.7	1.6	7.50	.16	0.17
105I	811753	540	81	32	107	40	0.8	760	4.00	16	300	4	6.5	775	93.1	15	4.4	4.2	6.75	.23	0.16
105I	811754	305	56	20	56	25	0.5	350	4.00	9	195	1	7.0	635	30.4	38	2.6	0.1	19.05	.16	0.16
105I	811755	290	208	46	63	57	0.1	678	6.00	13	169	6	7.5	710	584.9	15	5.4	0.1	6.80	.21	0.15
105I	811756	290	470	60	53	43	0.1	900	4.00	12	185	8	9.0	800	977.8	38	5.6	0.1	9.40	.23	0.12
105I	811757	800	53	23	100	17	0.1	270	3.00	10	209	6	3.5	975	16.9	45	1.9	15.0	3.35	.16	0.08
105I	811758	430	44	25	102	17	0.1	384	2.60	8	231	4	5.0	1050	14.1	51	1.7	6.1	5.00	.25	0.10
105I	811759	2750	110	23	500	34	0.6	610	3.10	23	469	8	10.0	700	47.4	37	5.2	20.6	6.55	.18	0.12
105I	811760	300	38	30	66	15	0.1	500	2.20	12	210	1	5.5	540	19.8	59	1.7	2.1	6.25	.25	0.12
105I	811762	680	47	17	69	9	0.6	243	2.00	17	462	4	7.0	1825	15.0	191	9.4	4.8	4.25	1.10	0.35
105I	811763	500	48	17	76	10	0.5	237	2.20	22	462	4	7.0	2250	14.1	138	9.0	4.0	4.20	1.44	0.38
105I	811764	190	38	14	81	73	0.1	2400	3.30	10	162	1	4.5	975	238.9	79	4.8	0.1	4.65	.27	0.17
105I	811765	100	16	15	20	8	0.9	191	1.40	9	150	1	2.0	1125	7.6	47	0.7	0.1	6.00	.27	0.18
105I	811766	400	31	17	51	7	0.5	220	1.50	15	300	2	4.5	1500	8.8	121	4.4	2.6	4.50	.66	0.31
105I	811767	620	47	21	74	8	0.6	300	1.90	21	425	12	5.0	1750	15.1	154	9.0	6.1	4.40	.87	0.30
105I	811768	3600	330	20	505	48	0.8	1020	4.60	29	422	8	20.0	830	25.7	107	5.9	54.8	8.20	.27	0.11
105I	811769	910	64	26	208	30	0.1	615	3.70	20	425	2	12.0	775	75.0	33	5.2	9.8	8.25	.18	0.16
105I	811771	315	70	32	73	23	0.1	340	3.20	5	256	1	10.0	635	41.9	40	1.9	0.8	11.90	.30	0.15
105I	811772	28	30	33	6	3	0.1	170	0.80	5	47	8	4.5	245	5.0	15	0.2	0.1	0.45	.11	0.06
105I	811773	44	30	35	8	3	0.1	169	0.80	6	47	10	5.0	265	5.0	15	0.2	0.1	0.45	.14	0.07
105I	811774	245	45	24	49	24	0.1	511	2.80	9	240	1	4.5	565	30.4	32	1.7	0.1	5.30	.18	0.14
105I	811775	170	74	28	20	9	1.0	194	7.10	13	281	1	6.5	540	40.8	65	4.4	0.1	11.20	.30	0.21
105I	811776	180	44	36	51	55	0.7	496	5.40	9	147	1	8.5	465	218.9	50	4.1	0.1	23.00	.44	0.09
105I	811777	190	53	35	23	11	0.1	300	3.80	9	147	1	9.0	485	75.0	41	1.9	0.1	12.00	.18	0.13
105I	811778	192	46	24	32	10	0.4	200	5.70	10	270	1	6.0	565	44.0	63	3.1	0.1	7.95	.21	0.22

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811779	320	73	40	66	17	0.5	228	4.90	8	281	1	6.5	615	116.7	58	6.1	0.1	14.50	.21	0.13
105I	811780	290	56	38	42	14	0.1	204	6.40	8	325	1	4.0	600	38.8	40	5.2	0.1	8.20	.23	0.15
105I	811782	280	50	29	73	37	0.1	578	4.60	5	252	1	4.5	600	19.1	96	1.1	0.1	7.70	.21	0.13
105I	811783	310	28	19	57	15	0.8	550	3.00	8	230	1	5.0	540	28.3	123	2.2	0.1	8.20	.21	0.20
105I	811784	300	29	20	58	15	0.9	475	3.30	9	237	1	5.0	550	29.4	126	2.0	0.1	7.90	.21	0.18
105I	811785	530	36	20	91	24	0.5	552	3.30	7	241	1	5.5	590	17.1	162	1.9	2.0	14.60	.23	0.20
105I	811786	1350	48	25	110	47	0.1	772	4.10	7	276	2	3.5	635	22.2	73	1.7	0.9	7.20	.21	0.17
105I	811787	610	132	34	235	103	0.6	910	5.10	26	452	2	15.0	565	95.7	73	7.8	10.0	7.30	.27	0.15
105I	811788	300	141	36	102	40	1.0	500	5.00	30	477	4	17.0	740	194.4	63	10.9	2.9	7.60	.30	0.16
105I	811789	300	49	30	69	29	0.1	755	4.00	8	247	1	4.0	725	34.6	91	2.0	1.0	6.70	.25	0.15
105I	811790	850	245	26	131	91	0.7	1960	5.60	17	325	2	20.0	1050	34.6	121	5.6	10.0	8.20	.44	0.19
105I	811791	320	120	27	90	29	0.1	472	4.50	14	250	1	9.5	710	27.3	86	3.0	0.9	11.00	.30	0.14
105I	811792	500	62	40	114	29	0.1	491	3.30	15	225	6	20.0	615	183.3	35	3.7	2.8	9.50	.27	0.10
105I	811793	375	46	33	102	32	0.1	468	3.60	8	262	4	7.0	425	30.4	33	2.8	2.1	4.50	.16	0.15
105I	811794	40	10	12	12	6	0.5	255	1.00	7	51	8	2.5	380	8.3	15	0.2	0.1	4.10	.11	0.02
105I	811795	172	35	24	40	21	0.1	1700	3.40	6	157	1	5.5	1200	45.5	97	1.5	1.0	32.40	.39	0.07
105I	811796	490	50	29	89	29	0.4	528	3.50	8	181	2	4.5	535	57.4	190	1.3	0.8	8.20	.21	0.31
105I	811797	240	30	43	49	24	0.7	523	2.80	7	124	6	6.0	350	22.2	15	0.7	0.1	3.90	.14	0.11
105I	811798	710	28	22	58	11	0.1	340	1.40	8	136	2	2.5	660	7.5	125	1.5	7.9	13.60	.21	0.09
105I	811799	2550	58	15	555	10	0.1	170	1.70	31	540	4	7.0	540	9.2	280	4.4	22.9	20.00	.07	0.14
105I	811802	350	58	43	57	40	0.1	490	3.10	8	137	10	6.0	340	20.4	40	1.5	0.1	5.75	.14	0.12
105I	811803	388	57	45	50	33	0.1	470	3.20	7	137	8	6.0	395	21.4	31	1.5	0.1	5.40	.14	0.12
105I	811804	255	67	59	32	15	0.1	330	3.70	10	137	6	7.0	360	26.4	15	1.9	0.1	5.45	.14	0.09
105I	811805	175	39	50	26	12	0.1	270	2.20	8	77	6	5.5	218	28.8	15	1.3	0.1	2.20	.11	0.08
105I	811806	1080	120	20	240	23	0.1	560	3.70	80	560	32	11.5	540	31.1	138	10.1	15.0	5.00	.23	0.12
105I	811807	290	50	32	72	28	0.1	720	4.20	9	244	1	4.5	500	17.7	49	1.5	1.1	4.85	.18	0.16
105I	811808	200	39	25	62	24	0.1	535	4.10	6	205	4	4.5	420	13.8	41	0.7	0.1	4.70	.16	0.23
105I	811809	180	49	27	30	12	0.5	352	5.00	10	177	1	4.0	500	20.9	119	2.6	0.1	16.65	.48	0.40
105I	811810	27	5	11	5	1	0.1	135	0.40	5	40	1	0.5	275	2.8	15	0.4	0.1	1.45	.07	0.02
105I	811811	49	13	10	10	6	0.1	291	1.60	5	86	2	2.0	600	6.9	15	0.7	0.1	1.20	.25	0.05
105I	811813	52	9	10	11	1	0.1	136	0.60	9	67	1	1.0	380	6.9	32	0.8	0.8	1.00	.05	0.03
105I	811814	79	14	10	13	7	0.1	329	1.70	6	75	1	1.5	650	28.8	15	1.3	0.1	2.20	.18	0.02
105I	811815	163	43	32	55	19	0.1	500	3.40	9	189	1	4.0	940	86.1	157	2.6	0.1	20.60	.41	0.09
105I	811816	61	29	13	24	10	0.1	550	1.70	8	104	2	2.0	685	27.0	58	1.1	0.1	2.35	.16	0.07
105I	811817	65	27	27	26	17	0.1	860	2.70	6	101	1	4.0	540	155.0	15	6.1	0.1	2.20	.25	0.06
105I	811818	44	16	19	17	8	0.1	270	1.80	5	70	2	3.0	550	57.2	54	4.8	0.1	2.00	.18	0.05
105I	811819	3075	69	11	335	45	0.1	710	4.40	20	215	16	7.0	530	10.1	64	3.3	27.6	5.60	.21	0.09
105I	811820	120	18	18	18	7	0.1	240	1.40	9	122	6	2.5	685	32.3	146	6.1	1.0	2.40	.25	0.07
105I	811822	210	13	16	25	6	0.1	160	0.90	10	111	6	2.5	455	14.4	50	1.9	2.0	1.95	.11	0.05
105I	811823	188	12	24	22	4	0.1	160	0.90	10	102	1	1.5	430	14.4	48	1.9	1.9	2.20	.14	0.04
105I	811824	191	14	16	17	4	0.1	150	0.90	10	87	1	1.5	575	17.7	53	1.1	1.0	2.30	.14	0.04
105I	811825	32	5	11	7	3	0.1	135	0.40	6	40	4	1.0	280	3.2	15	0.6	0.1	2.65	.07	0.01
105I	811826	38	11	22	13	6	0.1	220	1.20	8	64	1	2.0	685	11.2	32	1.1	0.1	4.35	.16	0.01
105I	811827	98	17	16	18	9	0.1	340	1.90	10	125	1	2.0	810	14.4	34	1.1	0.6	1.25	.18	0.07
105I	811828	35	8	12	12	6	0.1	250	1.10	4	50	1	1.0	415	4.6	15	0.4	0.1	1.45	.09	0.01
105I	811830	89	24	28	24	13	0.1	450	2.50	8	127	1	2.5	1000	23.1	64	1.5	0.1	3.40	.18	0.07
105I	811831	89	14	14	20	8	0.1	275	1.40	5	89	1	1.5	980	3.7	15	0.4	0.1	5.10	.11	0.03
105I	811832	62	13	18	14	7	0.1	370	1.70	3	72	1	2.0	925	6.0	43	2.2	0.1	4.50	.16	0.02
105I	811833	310	40	15	50	8	0.6	185	1.80	16	302	1	4.0	1125	9.2	128	4.4	3.6	2.15	.27	0.21
105I	811834	150	14	13	29	5	0.1	210	0.80	5	100	1	1.5	440	5.5	75	2.2	1.9	1.55	.11	0.22

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811835	325	41	25	104	27	0.1	670	3.90	9	350	1	5.0	740	17.1	61	2.0	3.0	5.15	.16	0.30
105I	811836	330	14	23	38	5	0.1	250	1.00	10	100	1	2.0	650	10.6	86	1.5	2.0	2.00	.16	0.10
105I	811837	139	11	22	22	5	0.1	350	1.20	5	55	1	1.0	650	31.1	15	1.1	1.1	2.35	.11	0.05
105I	811838	410	12	35	30	6	0.1	345	1.10	5	85	1	2.5	675	19.8	77	1.9	2.1	2.55	.16	0.15
105I	811839	385	15	25	41	6	0.1	1050	1.60	9	79	1	1.0	820	22.0	15	2.5	3.0	9.30	.09	0.12
105I	811840	310	34	38	65	14	0.1	245	2.30	7	205	1	5.5	585	87.2	80	5.4	1.1	14.20	.16	0.09
105I	811842	430	25	28	55	11	0.2	310	2.70	9	225	1	3.5	710	24.7	73	4.2	2.6	2.05	.16	0.29
105I	811843	210	6	21	20	3	0.2	240	0.70	4	44	1	1.0	350	11.2	48	0.9	1.1	1.25	.07	0.03
105I	811844	111	8	27	14	5	0.2	240	0.80	6	47	1	1.5	390	15.0	15	0.9	0.1	1.20	.07	0.05
105I	811845	107	7	22	12	3	0.2	240	0.80	5	49	1	1.0	440	15.5	15	0.9	0.1	1.50	.09	0.05
105I	811846	220	10	24	23	5	0.2	263	0.90	5	52	1	1.5	550	9.2	42	0.9	1.8	2.75	.14	0.06
105I	811847	61	6	20	8	3	0.2	210	0.60	4	37	1	1.0	330	17.7	15	1.3	0.1	1.90	.07	0.01
105I	811848	115	33	42	33	17	0.4	565	3.30	5	112	1	3.0	1310	19.8	46	3.5	0.1	5.65	.21	0.04
105I	811849	74	20	23	19	11	0.2	675	2.30	5	76	1	3.0	775	24.1	31	1.9	0.1	4.75	.16	0.03
105I	811850	116	38	24	44	24	0.2	790	4.50	8	164	2	4.0	1120	87.2	48	4.0	0.1	2.95	.27	0.08
105I	811851	130	33	22	40	19	0.2	1490	4.30	5	151	1	3.5	1380	30.0	74	2.3	0.1	15.50	.41	0.05
105I	811852	142	27	25	30	19	0.2	1000	4.80	5	139	2	3.0	1100	40.0	44	0.8	0.1	10.90	.34	0.05
105I	811853	104	37	21	43	19	0.2	590	3.70	7	152	2	3.5	1570	15.5	47	1.3	0.1	2.60	.32	0.11
105I	811854	22	5	16	10	4	0.2	220	0.70	4	36	1	1.0	425	6.4	15	0.2	0.1	2.50	.09	0.01
105I	811855	150	9	19	28	4	0.2	185	0.70	8	105	1	1.0	425	5.5	47	2.9	2.2	1.20	.09	0.05
105I	811856	950	53	21	152	18	0.2	440	3.10	24	475	6	7.0	700	14.4	114	4.8	8.1	7.30	.23	0.60
105I	811857	52	4	18	7	4	0.2	200	0.50	5	36	1	0.5	375	5.5	15	0.8	0.6	1.25	.05	0.01
105I	811858	300	24	18	41	7	0.2	245	3.10	13	262	2	3.5	775	10.1	83	7.0	4.4	1.60	.30	0.53
105I	811859	29	4	17	8	4	0.2	170	0.50	6	37	2	1.0	330	6.4	15	3.1	0.1	0.50	.05	0.01
105I	811862	29	6	16	14	3	0.1	160	0.60	4	37	1	0.5	345	5.5	15	1.0	0.1	0.80	.02	0.01
105I	811863	25	5	14	10	4	0.1	280	0.60	3	37	1	1.0	360	4.1	15	0.8	0.1	1.70	.09	0.02
105I	811864	31	6	17	12	3	0.1	195	0.70	4	41	1	1.0	360	6.4	15	1.0	0.1	1.95	.11	0.01
105I	811865	44	4	12	6	1	0.1	150	0.30	3	36	1	0.5	160	1.8	15	1.3	0.2	4.05	.02	0.01
105I	811866	70	13	18	22	9	0.1	350	1.90	4	119	1	2.0	740	15.5	15	1.7	0.2	4.00	.21	0.06
105I	811867	65	13	18	20	9	0.5	345	1.90	7	105	1	2.0	710	15.5	15	1.3	0.2	2.55	.16	0.06
105I	811868	74	12	16	23	6	0.1	260	1.40	6	90	1	2.0	510	14.4	31	1.5	0.2	2.90	.14	0.05
105I	811869	145	22	19	40	10	0.1	430	2.40	6	174	1	3.0	620	9.2	50	1.7	0.6	15.40	.14	0.09
105I	811870	222	42	30	86	27	0.1	780	4.40	5	235	1	3.5	640	21.4	43	0.8	0.1	8.00	.14	0.06
105I	811872	192	33	27	65	21	0.1	595	4.20	4	231	1	3.0	540	20.9	44	0.8	0.1	6.70	.14	0.05
105I	811873	94	9	20	10	4	0.1	245	0.80	4	49	1	1.0	345	7.3	15	1.3	0.2	1.90	.07	0.01
105I	811874	37	15	15	18	8	0.1	380	1.40	5	50	1	1.5	470	10.1	15	1.6	0.1	8.10	.07	0.01
105I	811875	32	19	20	21	11	0.1	530	1.50	3	55	1	1.5	455	9.2	15	1.3	0.1	1.40	.07	0.01
105I	811876	108	25	30	35	21	1.2	980	2.60	4	77	1	3.0	900	11.7	32	1.3	0.1	7.45	.14	0.04
105I	811877	188	9	20	16	5	1.3	270	1.10	5	50	1	1.0	440	8.7	15	0.9	0.4	4.70	.07	0.01
105I	811878	61	19	28	10	3	0.1	245	0.70	4	35	1	0.5	310	11.7	15	2.3	0.3	2.75	.07	0.01
105I	811879	35	6	15	12	5	0.1	280	1.00	4	49	1	0.5	390	8.3	15	0.8	0.1	1.10	.09	0.01
105I	811880	58	16	16	52	9	0.1	350	1.90	6	85	1	2.0	700	8.7	15	0.8	0.1	1.40	.14	0.03
105I	811882	84	26	30	33	25	0.1	900	2.60	4	94	1	3.0	710	20.9	15	0.8	0.1	0.90	.14	0.05
105I	811883	50	14	18	24	13	0.1	450	1.90	3	67	1	3.5	515	26.4	15	1.0	0.1	7.90	.11	0.02
105I	811884	90	28	32	44	31	0.1	465	3.00	3	94	1	9.0	500	68.8	37	1.5	0.1	10.80	.18	0.05
105I	811885	163	26	38	53	44	0.1	575	3.40	3	92	1	5.5	875	73.1	43	2.1	0.1	9.60	.21	0.06
105I	811886	73	17	17	28	13	0.1	440	2.30	6	100	1	3.0	765	27.6	41	2.5	0.1	5.50	.16	0.05
105I	811888	700	21	52	45	12	0.1	400	2.00	7	115	1	2.5	640	32.0	559	4.6	2.5	10.70	.16	0.11
105I	811889	1600	188	34	230	153	0.1	1880	6.80	12	215	2	12.5	1175	55.0	144	11.9	6.5	13.20	.23	0.39
105I	811890	890	91	37	180	59	0.1	1440	5.50	7	215	1	5.5	775	50.0	99	7.8	4.0	6.80	.21	0.16

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811891	770	90	37	170	55	0.4	1420	5.00	10	250	1	5.0	800	65.0	91	7.8	3.5	6.70	.21	0.15
105I	811892	148	86	36	93	40	0.1	640	4.90	10	101	8	4.5	565	40.1	31	1.2	4.2	5.50	.25	0.04
105I	811893	275	55	48	93	54	0.1	830	4.50	4	111	1	5.0	565	24.5	15	1.7	0.1	5.80	.18	0.04
105I	811894	175	40	27	110	46	0.1	780	3.20	8	112	6	3.0	1350	24.5	15	0.8	0.1	5.50	.18	0.10
105I	811895	400	77	40	163	54	0.1	630	4.60	4	122	1	5.0	630	18.5	15	0.6	0.1	6.00	.23	0.03
105I	811896	280	30	40	92	13	0.1	350	2.30	4	111	1	1.5	980	6.0	48	0.6	1.0	8.70	.14	0.09
105I	811897	520	47	27	160	21	0.4	800	3.60	10	200	1	4.0	875	17.4	58	2.5	2.4	5.80	.46	0.09
105I	811898	280	38	30	90	27	0.3	460	3.00	7	141	1	4.0	1010	16.1	41	1.7	0.9	6.20	.27	0.12
105I	811899	420	25	37	67	15	0.6	420	2.10	6	99	1	2.0	700	25.9	62	2.5	2.0	4.50	.27	0.45
105I	811900	42	14	28	37	7	0.1	345	1.20	4	50	1	1.0	290	23.2	15	1.3	0.1	4.50	.09	0.20
105I	811902	410	28	75	57	10	0.1	400	1.90	9	144	1	3.0	825	23.2	157	4.0	2.1	4.20	.44	0.66
105I	811903	90	18	33	23	7	0.1	410	2.20	4	62	1	2.5	585	55.0	36	1.5	0.1	4.80	.16	0.06
105I	811904	100	30	41	45	23	0.1	355	3.80	10	77	1	3.5	670	12.8	45	0.6	0.1	23.80	.16	0.03
105I	811905	46	13	26	22	10	0.1	480	1.70	4	62	2	3.5	475	28.6	15	0.4	0.1	2.70	.21	0.12
105I	811906	44	10	40	13	4	0.1	165	0.80	3	77	14	8.0	340	2.5	15	0.4	0.1	3.90	.16	0.07
105I	811907	43	11	44	12	4	0.1	190	0.90	4	77	16	8.5	260	2.2	15	0.2	0.1	0.80	.16	0.06
105I	811908	81	14	28	19	7	0.1	580	1.30	7	60	1	1.5	825	5.3	15	0.2	0.1	1.00	.16	0.07
105I	811909	300	77	46	167	78	0.1	1200	3.90	6	86	4	4.5	635	145.3	15	1.3	0.1	2.10	.18	0.06
105I	811910	118	127	46	45	52	0.4	715	4.10	3	87	4	5.0	465	20.5	15	0.6	0.1	6.70	.18	0.04
105I	811911	65	16	33	20	11	0.1	460	1.80	5	62	2	2.5	800	8.6	15	0.2	0.1	2.00	.27	0.12
105I	811912	83	30	59	42	26	0.4	340	3.90	4	87	2	5.0	405	67.5	15	0.4	0.1	3.50	.16	0.05
105I	811913	187	18	58	28	10	0.1	595	1.50	6	72	1	2.0	700	7.1	70	1.5	0.9	5.50	.16	0.21
105I	811914	200	33	78	106	23	0.1	670	2.90	5	117	1	1.0	835	17.4	191	3.8	0.9	4.20	.21	0.34
105I	811915	93	10	36	18	8	0.1	300	0.80	7	49	1	1.0	575	10.5	32	2.3	0.1	5.70	.09	0.30
105I	811916	108	15	40	21	10	0.1	440	1.70	8	60	2	2.0	575	23.8	15	0.8	0.1	2.80	.11	0.05
105I	811917	110	8	47	14	6	0.1	255	1.00	5	40	4	5.0	390	4.0	15	0.2	0.1	1.00	.18	0.06
105I	811919	680	64	44	148	33	0.1	660	2.50	11	206	1	4.5	675	9.5	42	1.5	4.0	2.20	.14	0.14
105I	811920	1100	177	76	181	40	0.8	600	0.80	18	327	6	13.0	1150	44.8	159	6.2	4.6	2.60	.39	0.75
105I	811922	450	94	31	96	46	0.1	550	3.30	7	244	2	5.0	835	34.9	54	4.8	1.8	7.45	.18	0.11
105I	811923	132	34	22	14	6	0.1	270	3.50	8	144	2	5.0	760	24.9	15	2.5	0.1	2.30	.18	0.21
105I	811924	160	29	18	20	5	0.1	220	2.00	10	275	4	7.5	885	14.8	15	1.7	1.0	1.45	.37	0.24
105I	811925	156	31	19	23	6	0.1	238	2.10	8	275	4	8.0	885	14.3	15	1.6	1.2	10.00	.37	0.24
105I	811926	220	39	18	38	8	0.1	250	2.00	7	244	2	5.5	920	13.2	15	1.4	2.0	0.95	.37	0.26
105I	811927	320	28	22	52	13	0.1	300	1.60	10	206	6	4.0	600	16.9	74	2.8	2.5	4.50	.16	0.14
105I	811929	45	20	16	20	14	0.1	510	1.70	5	50	2	2.0	440	17.4	15	0.8	1.0	2.00	.09	0.03
105I	811930	112	40	41	56	51	0.1	1320	3.20	6	94	2	7.5	655	51.0	49	1.2	0.1	11.30	.23	0.06
105I	811931	84	39	42	32	55	0.1	1150	3.10	6	94	2	6.0	510	33.1	40	0.8	0.1	7.60	.18	0.08
105I	811932	71	26	30	24	16	0.1	485	2.60	6	85	2	4.5	565	36.6	15	1.0	0.1	4.30	.14	0.07
105I	811933	38	13	20	15	6	0.1	254	1.20	4	50	2	1.5	675	14.8	15	1.2	0.1	1.20	.09	0.02
105I	811934	150	18	19	20	8	0.1	222	1.70	3	112	2	4.5	440	12.1	58	1.4	1.2	21.70	.16	0.09
105I	811935	48	18	20	22	13	0.1	470	1.80	4	62	2	3.5	460	29.6	15	1.2	0.1	1.90	.09	0.05
105I	811936	32	10	18	14	8	0.1	310	1.00	4	40	2	2.0	475	19.6	15	1.2	0.8	2.10	.07	0.03
105I	811937	136	40	44	56	61	0.1	1950	3.50	6	92	2	7.5	485	43.7	46	0.8	0.1	8.05	.18	0.07
105I	811938	108	24	28	38	24	0.1	440	2.70	6	95	2	6.0	800	14.3	42	0.6	0.1	6.15	.16	0.06
105I	811939	60	14	14	16	9	0.1	320	1.30	6	50	2	2.0	535	14.8	39	1.0	0.1	4.50	.09	0.03
105I	811940	600	27	18	106	11	0.1	2500	2.30	7	306	1	5.0	1000	7.2	102	1.6	3.0	8.50	.32	0.61
105I	811942	250	36	31	71	20	0.1	590	2.70	8	144	36	7.0	775	22.9	15	0.6	1.0	3.10	.27	0.39
105I	811943	116	50	44	28	19	0.1	370	3.60	8	94	4	5.0	460	34.9	41	1.0	0.1	10.50	.30	0.04
105I	811944	320	45	40	76	11	0.1	670	2.40	8	194	28	9.5	1010	39.0	15	0.4	2.2	6.00	.41	0.11
105I	811945	320	41	30	70	11	0.1	700	2.20	8	175	24	8.5	1040	43.1	15	0.8	2.1	5.70	.41	0.10

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	811946	84	30	43	17	8	0.1	155	3.40	7	87	6	5.5	460	30.8	15	0.8	0.1	4.00	.27	0.04
105I	811947	720	74	16	140	22	0.1	690	2.60	16	362	44	8.0	1010	24.9	15	1.6	9.0	6.65	.37	1.01
105I	811948	320	44	30	72	17	0.1	540	3.60	12	269	12	7.5	1160	41.3	15	0.8	3.0	12.25	.39	0.11
105I	811949	148	62	30	30	36	0.1	610	4.00	8	100	6	5.5	540	31.3	15	0.8	1.0	6.05	.21	0.04
105I	811950	320	84	38	104	70	0.1	690	3.90	6	106	8	8.0	565	37.0	15	0.7	0.1	7.20	.21	0.04
105I	811951	310	66	23	136	51	0.1	780	2.80	8	181	24	29.0	1150	22.8	33	1.0	1.8	10.80	.30	0.07
105I	811952	540	84	26	136	36	0.1	440	3.80	8	197	10	7.0	660	17.4	15	2.0	2.5	5.00	.21	0.12
105I	811953	640	134	40	148	76	0.1	680	3.20	12	157	1	5.5	580	51.0	54	3.0	3.8	10.10	.23	0.38
105I	811954	310	34	22	63	16	0.1	320	2.60	8	185	10	5.5	685	13.2	39	1.8	1.8	3.35	.21	3.02
105I	811955	760	72	26	146	27	0.1	510	3.40	12	265	10	5.5	735	33.7	110	5.8	6.0	4.55	.23	0.87
105I	811956	640	52	23	196	28	0.1	460	4.10	8	285	8	3.5	850	30.2	84	4.0	3.8	8.80	.34	0.20
105I	811957	126	26	26	34	25	0.1	665	2.80	12	87	8	5.5	615	21.7	33	1.0	0.1	4.55	.18	0.05
105I	811958	320	24	22	44	10	0.1	300	1.50	10	160	10	3.0	725	14.3	164	2.6	3.0	5.85	.18	0.25
105I	811960	1960	52	16	380	170	0.1	5100	3.30	12	269	8	4.5	625	29.0	94	3.8	12.5	7.35	.21	4.07
105I	811962	1680	290	38	275	132	0.7	1180	4.20	25	262	20	26.0	760	43.7	63	2.0	7.0	12.05	.37	0.35
105I	811964	188	57	28	52	19	0.1	350	3.40	10	150	4	11.0	610	92.2	53	2.6	0.1	8.20	.16	0.04
105I	811965	480	86	16	80	45	0.1	700	2.90	8	157	2	7.0	550	40.1	43	2.6	2.0	4.35	.16	0.15
105I	811966	500	245	28	64	46	1.4	830	3.90	3	97	2	6.5	1690	120.8	128	3.8	1.8	17.85	.16	
105I	811967	192	64	32	25	8	1.7	180	3.40	13	250	4	4.5	775	46.0	72	4.6	0.1	6.45	.23	0.12
105I	811968	160	80	19	22	4	0.7	110	8.00	18	287	12	6.5	725	54.5	97	15.1	0.1	11.55	.39	0.05
105I	811969	72	68	24	18	13	0.1	310	3.90	5	165	6	4.5	675	48.5	15	3.0	0.1	2.10	.18	0.05
105I	811970	128	65	34	14	7	0.1	330	2.10	11	62	90	17.0	660	37.6	15	2.6	0.1	4.25	.25	0.04
105I	811971	156	81	30	24	8	0.4	260	5.40	7	135	20	6.0	660	124.0	15	7.3	0.1	5.80	.27	0.09
105I	811972	1000	45	21	310	47	0.1	5800	4.10	10	231	4	5.0	625	53.6	96	5.6	14.8	7.85	.23	0.29
105I	811973	192	28	20	35	12	0.1	460	2.50	6	197	3	4.5	660	21.2	79	2.2	0.1	4.60	.18	0.20
105I	811974	310	34	20	64	16	0.1	550	2.90	5	212	2	4.0	660	24.4	103	2.2	0.8	5.45	.16	0.31
105I	811975	305	33	17	62	15	0.1	580	2.90	5	212	2	4.0	650	26.1	102	2.2	0.1	6.15	.16	0.32
105I	811976	330	225	22	235	205	0.1	2500	3.10	4	87	6	5.5	1075	7.0	66	0.4	0.1	14.85	.16	0.04
105I	811977	316	80	30	136	98	0.1	660	3.80	4	106	4	6.0	635	19.0	15	0.6	0.1	5.00	.21	0.04
105I	811978	200	45	18	82	36	1.0	480	3.80	6	119	2	4.5	760	23.3	15	0.4	0.1	6.00	.21	0.05
105I	811979	146	24	16	35	15	0.1	480	2.70	5	119	2	2.5	1270	6.0	15	0.4	0.1	7.35	.23	0.07
105I	811980	275	43	22	76	37	0.1	665	3.90	6	155	2	5.5	885	18.0	32	1.2	0.1	8.20	.27	0.07
105I	813002	75	50	20	18	12	0.2	290	2.80	6	87	6	5.5	460	13.2	41	0.6	0.1	12.35	.21	0.03
105I	813003	166	52	26	76	18	0.2	385	3.10	4	102	4	4.5	715	4.2	42	0.2	0.1	16.20	.18	0.04
105I	813004	124	70	28	20	8	0.2	360	4.10	6	105	2	4.5	600	11.1	43	1.4	0.1	11.35	.21	0.04
105I	813005	108	42	27	24	9	0.2	270	4.30	5	100	6	6.5	585	27.2	52	0.6	0.1	10.00	.21	0.04
105I	813006	84	37	22	14	8	0.2	335	4.00	5	87	2	3.0	650	8.5	15	1.0	0.1	12.50	.21	0.04
105I	813007	198	27	24	41	16	0.2	345	3.20	4	125	2	4.0	835	20.6	49	1.0	0.1	11.10	.23	0.06
105I	813008	182	19	20	32	13	0.2	460	3.00	4	112	2	3.5	700	19.4	41	0.4	0.1	14.25	.25	0.05
105I	813009	182	16	20	22	8	0.2	285	2.00	1	81	4	5.0	585	21.2	44	0.6	0.1	17.50	.25	0.04
105I	813010	120	33	26	32	15	0.2	490	2.50	1	100	2	3.0	660	13.7	30	0.8	0.1	5.00	.21	0.07
105I	813011	148	33	24	30	15	0.2	620	3.20	1	109	2	3.5	715	13.7	15	0.7	0.1	7.00	.23	0.07
105I	813012	138	18	23	26	11	0.2	250	2.60	1	116	2	6.0	740	10.5	15	0.9	0.1	11.00	.23	0.07
105I	813013	200	31	37	36	17	0.4	380	2.90	5	188	2	4.0	790	23.8	66	1.8	1.2	12.50	.27	0.09
105I	813014	162	17	21	24	10	0.2	320	2.20	6	125	2	3.5	925	9.0	38	0.7	0.1	11.65	.27	0.06
105I	813015	127	23	20	28	11	0.2	290	3.00	1	121	2	5.0	850	14.3	33	0.7	0.1	9.55	.23	0.08
105I	813017	4200	38	23	310	32	0.2	2000	3.20	1	400	2	5.5	1250	34.3	158	4.4	9.5	13.60	.62	0.31
105I	813018	180	33	38	44	26	0.2	700	3.70	1	106	2	5.5	610	30.9	15	1.0	0.1	5.85	.14	0.05
105I	813019	52	16	17	16	10	0.2	270	2.10	1	69	4	3.5	460	23.9	15	0.6	0.1	2.00	.11	0.06
105I	813020	62	18	20	22	13	0.2	270	2.30	1	64	2	5.0	370	35.6	15	0.6	0.1	0.75	.11	0.04

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	813022	290	73	42	80	72	0.1	960	3.60	2	103	2	7.0	565	61.6	45	1.3	0.1	10.35	.21	0.05
105I	813023	50	16	19	16	9	0.1	160	2.10	2	57	2	4.5	380	49.1	15	0.8	0.1	1.15	.09	0.03
105I	813025	32	9	15	12	6	0.1	128	1.30	1	40	2	5.5	265	48.4	15	0.8	0.1	0.40	.09	0.04
105I	813026	28	8	19	10	6	0.1	125	1.20	3	40	2	6.5	315	48.4	15	0.8	0.1	2.70	.11	0.04
105I	813027	52	12	21	30	15	0.1	480	1.90	4	62	2	3.5	835	124.8	15	2.0	0.1	1.30	.23	0.06
105I	813028	78	16	20	32	19	0.1	750	2.10	5	50	2	3.5	635	30.0	15	1.4	0.1	1.25	.18	0.05
105I	813029	164	18	48	32	18	0.1	760	2.50	4	75	2	3.5	925	47.7	15	1.2	0.1	5.80	.23	0.05
105I	813030	74	8	22	17	7	0.1	440	1.40	4	50	2	2.0	1800	5.5	15	0.2	0.1	6.95	.30	0.05
105I	813031	120	16	38	12	11	0.1	840	2.30	6	89	36	109.0	900	52.2	102	0.4	0.1	7.45	.41	0.05
105I	813032	182	32	70	42	25	0.1	600	3.70	1	88	2	6.5	635	155.9	15	2.0	0.1	7.20	.16	0.05
105I	813033	205	55	57	56	44	0.1	730	4.30	1	98	2	5.5	685	268.8	15	2.8	0.1	4.20	.18	0.07
105I	813034	58	11	40	20	10	0.1	430	1.80	1	70	28	17.5	685	47.7	15	0.4	0.1	2.10	.27	0.07
105I	813035	146	47	55	42	37	0.1	775	3.50	1	81	4	5.0	475	41.0	15	2.0	0.1	4.75	.16	0.05
105I	813036	164	44	70	35	27	0.1	465	4.00	1	91	4	5.5	740	607.9	15	3.0	0.1	4.15	.21	0.05
105I	813037	104	26	35	28	20	0.1	435	3.00	1	80	2	4.0	565	52.2	15	1.0	0.1	10.35	.16	0.04
105I	813038	160	35	47	32	25	0.1	510	3.40	1	89	2	5.5	660	124.8	15	2.0	0.1	4.30	.16	0.05
105I	813039	142	40	44	42	25	0.1	650	3.70	1	90	2	3.5	725	59.1	15	1.4	0.1	4.90	.16	0.05
105I	813040	120	32	35	40	.27	0.1	545	3.80	1	80	2	5.5	600	35.6	15	1.8	0.1	1.85	.14	0.05
105I	813042	200	42	45	53	27	0.1	545	3.30	1	96	2	6.5	660	114.5	33	1.6	0.1	9.90	.18	0.05
105I	813043	110	41	37	38	42	0.1	1120	3.60	8	100	2	4.5	505	28.2	15	1.6	0.1	2.25	.16	0.05
105I	813044	102	43	30	60	28	0.1	1250	4.60	8	212	2	4.0	1250	19.7	82	3.0	0.1	18.20	.46	0.05
105I	813045	84	27	27	32	18	0.1	590	2.80	5	106	2	4.5	935	13.0	15	0.6	0.1	9.65	.30	0.06
105I	813046	164	54	35	114	70	0.1	1460	3.80	4	112	2	5.0	550	41.7	15	0.7	0.1	7.35	.21	0.04
105I	813048	185	45	36	92	100	0.1	1600	4.20	6	111	2	5.0	565	33.6	15	0.4	0.1	8.20	.23	0.03
105I	813049	100	28	30	38	24	0.1	420	2.70	8	175	2	4.5	935	10.4	40	0.8	0.1	7.10	.23	0.06
105I	813050	156	47	29	84	55	0.1	940	3.60	5	100	2	4.5	725	12.5	15	0.4	0.1	3.55	.18	0.06
105I	813051	158	32	29	70	46	0.1	830	3.50	5	120	2	4.0	685	13.0	15	0.4	0.5	5.70	.21	0.05
105I	813052	320	218	40	120	80	0.1	1260	3.10	5	110	2	6.5	770	13.5	55	0.8	2.5	17.85	.18	0.05
105I	813053	430	132	38	220	152	0.1	2000	4.20	6	137	2	5.5	675	17.1	15	1.2	0.1	4.85	.18	0.05
105I	813054	740	68	40	164	78	0.1	940	3.20	9	356	2	7.5	785	20.2	62	2.8	4.0	3.45	.34	0.11
105I	813055	238	18	21	24	10	0.1	430	1.80	5	100	2	4.0	600	7.7	54	0.6	2.2	13.80	.23	0.06
105I	813056	338	16	20	40	12	0.1	460	1.70	6	87	2	3.0	465	11.4	62	1.0	1.6	10.30	.21	0.05
105I	813057	240	24	23	44	8	0.1	290	2.80	4	174	2	4.5	625	7.7	44	0.6	0.1	9.50	.21	0.07
105I	813058	178	67	48	54	62	0.1	1780	4.50	6	127	2	5.0	625	28.2	15	1.4	0.1	2.45	.16	0.04
105I	813059	178	66	55	52	34	0.1	1260	3.80	5	137	2	7.0	565	46.4	60	1.0	0.1	11.45	.21	0.04
105I	813060	198	62	48	56	30	0.1	1350	4.00	7	140	2	6.0	525	32.3	38	0.8	0.1	9.25	.21	0.05
105I	813062	258	102	36	66	57	0.1	1340	4.00	7	131	2	4.5	585	24.9	15	0.8	0.1	3.80	.16	0.04
105I	813063	94	59	40	20	9	0.1	338	4.70	6	126	2	5.5	615	31.6	15	1.2	0.1	4.55	.21	0.03
105I	813064	140	52	50	43	26	0.1	570	4.40	6	137	2	4.5	615	302.4	15	1.6	0.1	4.40	.18	0.05
105I	813065	100	46	38	29	16	0.1	450	4.90	8	112	2	4.5	535	40.3	15	1.2	0.1	1.85	.16	0.05
105I	813066	102	46	38	26	13	0.1	440	4.30	6	125	2	5.5	580	37.6	15	1.2	0.1	2.00	.16	0.05
105I	813067	166	69	40	46	32	0.1	840	4.60	8	124	2	5.0	635	47.7	15	1.6	0.1	1.20	.16	0.04
105I	813068	184	136	46	68	90	0.1	1500	4.20	6	100	2	5.5	660	30.2	37	1.0	0.1	6.00	.14	0.04
105I	813069	159	59	42	54	92	0.1	2400	3.90	9	131	4	8.0	790	49.1	15	1.0	0.1	3.05	.23	0.06
105I	813070	160	45	44	64	44	0.1	960	4.30	7	137	2	44.0	760	23.9	32	0.4	0.1	3.35	.18	0.04
105I	813071	154	81	58	52	58	0.1	1020	4.80	6	119	2	6.5	725	130.0	15	2.0	0.1	2.50	.21	0.04
105I	813072	32	13	27	14	14	0.1	280	2.10	6	50	24	40.0	425	39.0	15	0.6	0.1	0.55	.23	0.05
105I	813073	20	10	31	4	10	0.1	340	1.20	10	50	160	143.0	785	78.4	15	0.4	0.1	0.35	.87	0.05
105I	813075	148	57	38	48	32	0.1	860	4.70	8	112	8	5.0	600	73.6	15	0.5	0.1	1.75	.16	0.04
105I	813076	172	42	41	86	36	0.1	700	3.50	6	125	2	4.5	600	39.0	31	0.2	0.1	9.70	.21	0.03

STREAM SEDIMENTS

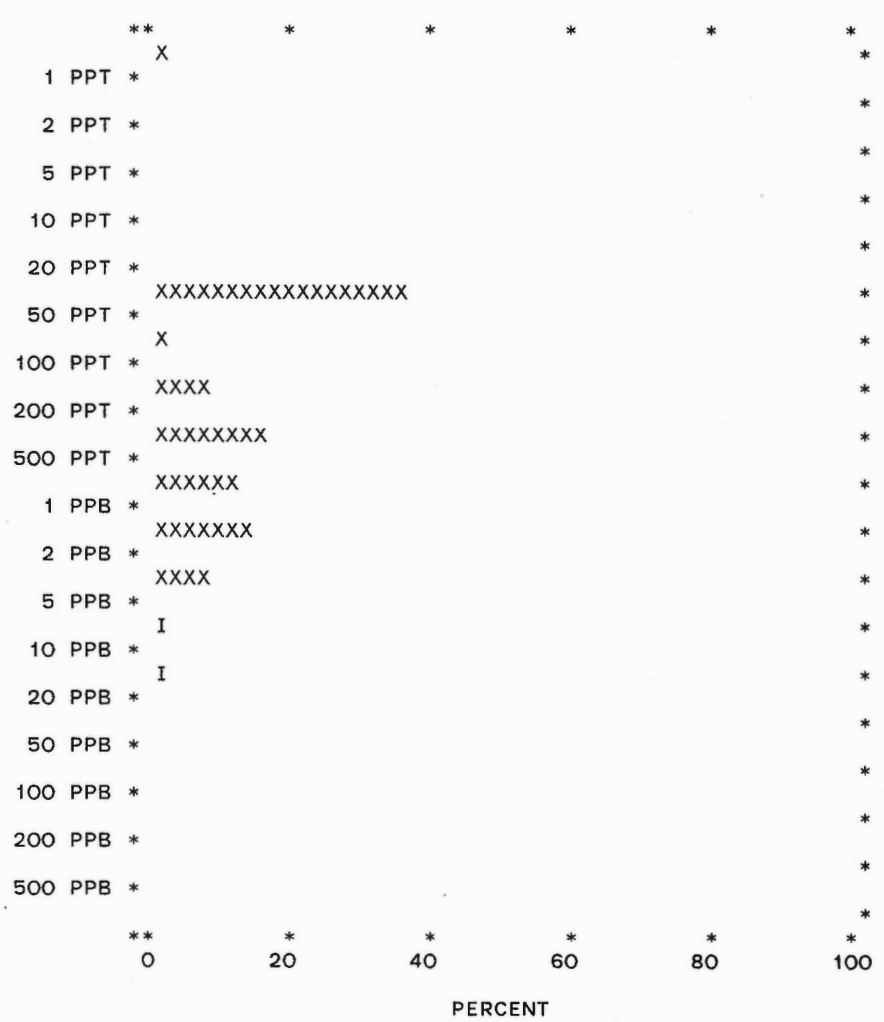
MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P205	BA
105I	813077	116	31	28	33	20	0.1	600	3.30	6	125	4	7.5	580	10.9	15	0.2	0.1	7.45	.18	0.04
105I	813078	110	78	37	72	60	0.1	1120	4.00	6	130	2	5.0	635	10.4	15	0.2	0.1	7.10	.18	0.04
105I	813079	106	53	36	29	20	0.1	600	4.20	4	122	2	5.0	585	12.0	15	0.4	0.1	3.45	.16	0.04
105I	813080	107	116	40	59	42	0.1	1360	4.10	6	131	2	4.0	585	28.2	31	0.4	0.1	4.40	.16	0.04
105I	813082	210	52	45	70	24	0.1	1200	3.90	4	125	2	6.0	510	39.7	31	0.6	0.1	7.45	.18	0.04
105I	813083	198	33	29	52	20	0.1	460	3.70	6	169	2	6.0	565	44.4	15	3.0	1.5	3.45	.16	0.15
105I	813084	530	35	21	66	20	0.1	210	2.90	9	281	2	4.5	985	20.2	65	2.4	2.3	5.50	.34	0.28
105I	813085	870	53	27	114	18	0.6	630	2.60	22	737	2	10.0	850	49.7	130	10.5	9.5	12.25	.34	0.11
105I	813086	2350	108	48	172	16	0.9	440	2.60	34	1612	4	11.5	780	48.4	292	25.6	26.0	8.90	.34	0.09
105I	813087	1200	54	40	122	36	0.1	700	4.00	9	250	2	6.0	685	23.3	15	2.4	5.0	4.00	.25	0.25
105I	813088	1110	48	25	130	14	0.5	258	2.30	20	825	2	8.0	900	15.1	137	7.7	7.5	10.25	.27	1.07
105I	813089	680	31	28	84	14	0.1	480	3.10	7	182	2	5.0	850	13.5	45	1.4	6.5	9.80	.30	0.18
105I	813090	260	27	21	32	12	0.1	440	1.80	8	156	4	3.5	615	15.1	15	3.4	4.0	2.25	.16	0.07
105I	813092	258	26	20	36	12	0.1	430	1.80	9	152	2	3.5	450	15.1	32	3.2	3.3	2.40	.14	0.07
105I	813093	46	15	18	16	8	0.1	350	1.20	5	56	2	2.0	380	7.1	15	0.8	0.1	3.25	.11	0.05
105I	813094	122	26	30	32	26	0.1	790	3.60	4	122	2	4.5	575	30.2	15	1.2	0.1	5.50	.16	0.05
105I	813095	220	44	40	64	32	0.1	740	4.40	8	140	2	4.5	550	37.0	15	1.2	0.1	3.75	.18	0.04
105I	813096	280	40	28	85	50	0.1	1230	3.60	5	112	2	4.0	550	33.6	15	0.6	0.1	8.75	.18	0.04
105I	813097	122	25	22	30	19	0.1	680	3.20	5	105	2	4.5	535	22.0	15	0.2	0.1	5.90	.18	0.04
105I	813098	132	31	25	32	34	0.1	3300	5.20	5	101	2	4.0	460	8.7	15	0.2	0.1	7.60	.16	0.05
105I	813099	114	35	31	34	20	0.1	790	3.70	4	102	4	4.5	580	8.5	15	0.4	0.1	3.70	.18	0.05
105I	813100	98	22	18	20	12	0.1	390	2.90	5	84	2	3.0	465	8.1	15	0.2	0.1	8.05	.14	0.05
105I	813102	94	27	26	28	16	0.1	330	2.90	4	100	2	4.5	700	43.6	15	0.4	0.1	10.50	.16	0.06
105I	813103	75	30	24	26	18	0.1	480	2.80	3	66	2	5.5	560	18.0	15	0.4	0.1	2.45	.16	0.04
105I	813104	70	31	20	28	10	0.1	460	2.90	4	67	4	5.0	500	20.2	15	0.2	0.1	1.40	.16	0.03
105I	813105	172	42	26	96	40	0.1	520	3.20	7	94	4	6.0	685	74.2	15	0.4	0.1	5.60	.16	0.04
105I	813106	540	122	31	320	130	0.1	1500	3.10	5	107	2	9.0	800	13.0	15	0.4	1.0	7.55	.18	0.04
105I	813107	166	46	31	79	26	0.1	680	3.30	6	94	2	5.0	660	24.1	15	0.2	0.1	2.90	.16	0.04
105I	813108	144	66	28	104	42	0.1	740	3.60	7	92	2	5.0	740	10.2	15	0.4	0.1	1.85	.21	0.04
105I	813109	94	80	31	27	20	0.1	400	3.20	6	102	4	7.5	775	8.6	15	0.4	0.1	5.00	.16	0.05
105I	813110	430	154	41	250	156	0.1	1560	3.00	5	105	2	12.0	580	28.0	15	0.4	0.7	7.75	.14	0.05
105I	813111	130	39	25	37	20	0.1	540	3.40	4	91	2	5.5	600	22.0	15	0.2	0.1	3.00	.16	0.05
105I	813112	90	22	15	23	14	0.1	800	3.10	3	72	2	4.0	475	30.7	15	0.2	0.1	4.15	.16	0.04
105I	813113	140	40	31	32	13	0.1	400	3.80	6	90	2	4.5	685	24.1	15	0.4	0.1	4.10	.16	0.05
105I	813114	145	44	28	44	30	0.1	1370	4.80	6	112	2	5.0	615	21.3	15	0.4	0.1	1.50	.16	0.08
105I	813115	120	38	30	36	22	0.1	550	3.70	3	89	2	5.0	715	20.2	15	0.6	0.1	1.85	.16	0.06
105I	813117	155	66	28	43	30	0.1	1480	4.50	4	131	4	6.0	685	12.4	15	0.2	0.1	3.85	.18	0.07
105I	813118	195	47	34	64	38	0.1	730	5.00	5	135	2	5.5	600	55.4	15	1.4	0.1	3.75	.18	0.05
105I	813119	170	72	33	42	26	0.1	1700	4.70	5	114	2	5.0	540	3.8	31	0.2	0.1	6.95	.18	0.06
105I	813120	150	46	30	42	26	0.1	720	3.90	4	115	2	5.5	775	31.4	15	0.8	0.1	3.45	.21	0.07
105I	813122	260	56	23	48	27	0.4	1060	5.00	8	175	2	6.0	1010	24.1	41	2.2	0.6	5.25	.48	0.16
105I	813123	145	36	30	40	22	0.1	1190	3.70	4	125	2	3.5	615	5.4	32	0.2	0.1	7.90	.18	0.06
105I	813124	170	46	34	46	28	0.1	1720	5.30	4	127	4	6.5	685	10.8	15	0.4	0.1	3.40	.23	0.06
105I	813125	180	30	26	52	28	0.1	620	4.40	5	122	2	4.5	585	45.7	15	1.6	0.1	3.90	.16	0.04
105I	813126	140	32	30	46	24	0.1	720	4.30	4	125	4	4.0	585	25.3	15	2.0	0.1	5.00	.16	0.05
105I	813127	155	31	27	58	24	0.1	570	4.50	4	140	2	5.0	635	15.2	15	0.5	0.1	4.05	.16	0.07
105I	813128	140	28	37	34	34	0.1	560	3.90	6	100	2	5.5	600	18.6	15	0.8	0.1	8.05	.18	0.04
105I	813129	1200	94	340	154	36	0.9	690	3.80	10	302	2	6.5	1275	33.4	400	4.6	5.2	12.55	.30	1.22
105I	813130	300	40	162	40	20	0.6	720	3.00	8	185	2	3.5	1400	6.5	15	1.6	0.9	3.20	.23	0.09
105I	813131	140	55	36	40	29	0.1	1620	4.50	6	111	2	7.5	660	4.8	15	0.4	0.1	4.85	.16	0.04

STREAM SEDIMENTS

MAP	SAMPLE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O5	BA
105I	813132	142	148	38	40	24	0.1	1560	4.00	4	127	2	27.0	615	3.8	15	0.2	0.1	9.45	.16	0.05
105I	813133	230	51	125	60	24	0.1	1530	4.50	5	135	24	3.5	1150	10.2	15	0.2	0.2	5.85	.23	0.05
105I	813134	95	27	32	24	20	0.1	570	2.70	4	76	2	4.5	540	23.0	15	0.7	0.1	3.10	.11	0.04
105I	813135	90	26	26	22	22	0.1	560	2.80	5	77	2	4.0	520	26.0	15	0.8	0.1	3.35	.11	0.04
105I	813136	120	32	23	28	26	0.1	630	3.60	5	82	2	4.5	715	22.0	15	0.2	0.1	3.25	.11	0.04
105I	813137	130	41	32	32	20	0.1	770	4.30	5	90	8	5.5	620	32.7	15	0.2	0.1	3.20	.18	0.04
105I	813138	155	43	30	40	26	0.1	1740	6.20	7	112	2	5.0	635	3.8	15	0.2	0.1	2.60	.21	0.06
105I	813140	120	40	23	28	22	0.1	620	3.40	7	72	2	5.5	550	3.2	15	0.2	0.1	11.95	.14	0.04
105I	813142	120	40	23	24	18	0.1	638	3.70	4	72	2	30.0	660	2.2	15	0.2	0.1	1.30	.11	0.03
105I	813143	110	41	27	32	20	0.1	610	3.80	6	66	2	4.0	615	2.7	15	0.2	0.1	2.25	.16	0.04
105I	813144	125	41	33	36	20	0.1	940	4.10	4	80	2	5.5	615	15.8	15	0.4	0.1	2.30	.11	0.05
105I	813145	105	35	22	28	16	0.1	540	3.60	6	75	4	3.5	925	1.6	15	0.2	0.1	2.95	.09	0.04
105I	813146	115	28	23	28	18	0.1	2700	3.80	6	87	2	3.5	900	87.7	15	0.2	0.1	8.50	.14	0.05
105I	813147	130	29	23	32	14	0.1	1020	3.80	3	90	2	5.0	685	6.5	15	0.2	0.1	4.30	.14	0.04
105I	813148	130	21	18	31	16	0.1	1470	4.10	5	101	2	3.0	485	9.7	15	0.2	0.1	2.95	.18	0.04
105I	813150	140	34	30	42	26	0.1	800	4.50	6	111	4	3.5	600	18.6	15	0.2	0.1	4.40	.14	0.05
105I	813151	185	40	18	42	18	0.1	950	3.60	6	194	2	4.0	875	16.3	75	0.8	1.0	10.65	.25	0.09
105I	813152	165	31	17	38	20	0.1	460	3.70	6	156	2	3.5	775	15.8	42	0.8	0.1	10.40	.21	0.06
105I	813153	170	38	20	43	27	0.1	1200	4.10	6	140	4	4.5	1050	81.8	40	1.1	0.1	10.00	.21	0.06
105I	813154	168	38	18	36	26	0.1	1080	4.40	7	110	6	4.5	1015	101.2	32	1.0	0.7	7.90	.21	0.08
105I	813155	130	27	23	36	24	0.1	610	4.00	5	75	4	4.0	1400	4.8	15	0.2	0.1	3.95	.14	0.04
105I	813156	110	34	26	34	28	0.1	880	3.90	6	72	6	4.0	865	16.3	15	0.2	0.1	10.60	.14	0.04
105I	813157	100	27	20	22	20	0.1	640	3.10	4	74	16	5.0	1150	17.4	15	0.2	0.1	2.65	.11	0.04
105I	813158	110	37	21	40	10	0.1	600	3.50	6	74	6	4.0	935	4.8	15	0.2	0.1	2.15	.11	0.04
105I	813159	140	30	22	32	20	0.1	638	3.70	6	110	4	3.5	935	11.9	15	0.6	0.1	17.15	.18	0.05
105I	813160	145	32	27	34	16	0.1	710	3.70	7	112	4	3.5	1010	15.8	15	0.6	0.1	6.15	.18	0.07
105I	813162	130	41	28	34	22	0.2	840	4.00	5	87	2	4.5	730	2.2	15	0.2	0.1	1.75	.09	0.05
105I	813163	132	42	26	36	20	0.2	850	4.20	4	90	2	4.0	775	1.6	15	0.2	0.1	2.85	.11	0.04
105I	813164	110	40	30	36	20	0.2	610	3.70	4	80	2	3.0	935	3.2	15	0.2	0.1	2.80	.11	0.05
105I	813165	130	48	28	40	26	0.1	770	4.30	4	90	2	5.0	685	0.2	15	0.2	0.1	2.05	.11	0.05
105I	813166	190	34	22	46	20	0.1	750	3.80	6	150	24	3.0	1250	2.7	15	0.4	0.1	8.65	.23	0.07
105I	813167	200	28	25	30	14	0.2	760	2.90	8	109	4	2.5	1175	3.2	15	0.2	0.1	4.15	.25	0.09
105I	813168	175	45	26	50	22	0.2	940	3.40	6	125	2	3.0	1100	3.2	15	0.4	0.1	2.40	.21	0.07
105I	813169	165	45	29	52	27	0.2	1550	5.70	4	131	20	3.5	900	3.2	15	0.2	0.1	1.70	.16	0.05
105I	813170	200	70	40	80	34	0.2	1560	5.10	4	112	32	5.5	790	1.1	15	0.4	0.1	3.45	.14	0.04
105I	813171	123	60	26	34	22	0.2	440	4.40	6	100	40	4.0	1175	1.6	15	0.4	0.1	4.45	.16	0.04
105I	813172	780	105	40	136	24	0.8	540	3.60	16	469	4	10.0	1375	36.1	218	7.3	5.4	5.50	.55	0.28
105I	813173	2500	232	20	580	88	0.5	5100	3.20	21	486	6	12.5	1050	45.0	249	9.3	25.6	7.00	.27	0.15
105I	813174	1550	82	450	92	12	0.7	260	2.70	19	550	4	8.5	2800	25.3	175	6.9	7.5	3.55	1.54	0.50
105I	813175	3500	98	128	192	18	0.5	540	2.90	31	625	10	11.0	1400	28.7	191	9.5	15.0	3.65	.53	8.81
105I	813177	1280	102	28	154	28	1.0	420	3.30	42	975	12	10.5	1275	35.5	226	17.2	12.5	3.20	.53	1.15
105I	813178	2000	82	540	104	14	0.8	320	3.20	30	700	10	10.5	1375	29.3	296	9.1	9.0	5.35	.60	0.27

VARIABLE NAME: U
UNIT OF MEASUREMENT: PPB
DATA SUBSET: TOTAL

HISTOGRAM



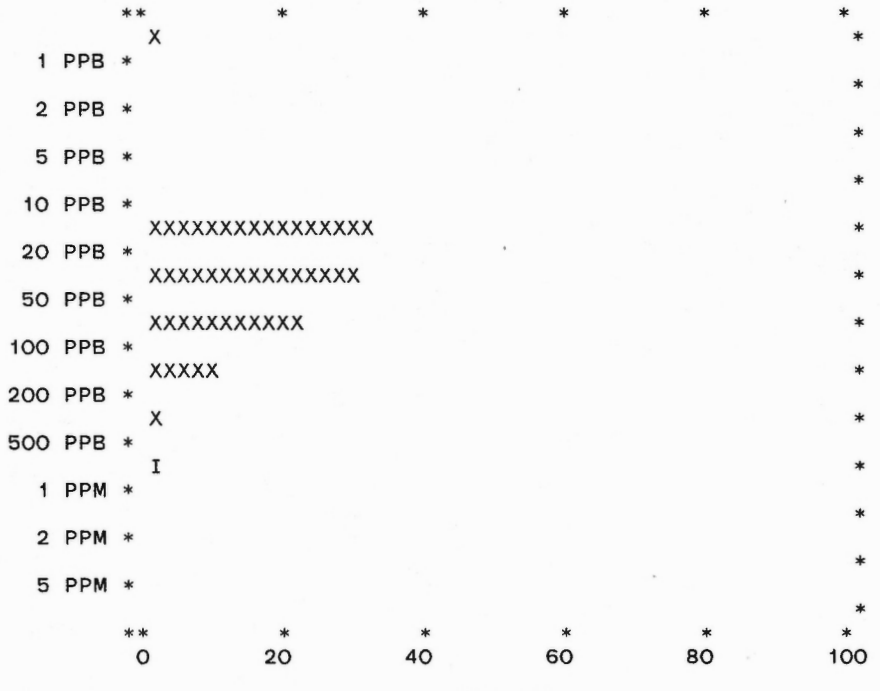
	N	%	CUM %
1 PPT	18	1.83	1.83
2 PPT			
5 PPT			
10 PPT			
20 PPT			
50 PPT	350	35.57	37.40
100 PPT	28	2.85	40.24
200 PPT	87	8.84	49.09
500 PPT	154	15.65	64.74
1 PPB	117	11.89	76.63
2 PPB	145	14.74	91.36
5 PPB	77	7.83	99.19
10 PPB	6	.61	99.80
20 PPB	2	.20	100.00
50 PPB			
100 PPB			
200 PPB			
500 PPB			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	.7252
VARIANCE	1.6162
STANDARD DEVIATION	1.2713
SKEW	6.3161
EXCESS KURTOSIS	73.1883
COEFFICIENT OF VARIATION, %	175.3050
STANDARD ERROR OF THE MEAN	.0409
LOWER 95% LIMIT ON THE MEAN	.6449
UPPER 95% LIMIT ON THE MEAN	.8054
LOWER 95% LIMIT ON THE RANGE	-1.7693
UPPER 95% LIMIT ON THE RANGE	3.2197
GEOMETRIC MEAN	.2537
LOG10 MEAN	-.5957
LOG10 VARIANCE	.4203
LOG10 STANDARD DEVIATION	.6483
STANDARD ERROR ON THE MEAN	.0209
LOWER 95% LIMIT ON THE MEAN	.2309
UPPER 95% LIMIT ON THE MEAN	.2788
LOWER 95% LIMIT ON THE RANGE	.0136
UPPER 95% LIMIT ON THE RANGE	4.7478
MINIMUM VALUE	.0500
25TH PERCENTILE OR 1ST QUARTILE	.0500
50TH PERCENTILE OR MEDIAN	.2300
75TH PERCENTILE OR 3RD QUARTILE	.9400
80TH PERCENTILE	1.2800
90TH PERCENTILE	2.0000
95TH PERCENTILE	2.8000
98TH PERCENTILE	4.4000
99TH PERCENTILE	5.0000
MAXIMUM VALUE	20.0000

VARIABLE NAME: F
UNIT OF MEASUREMENT: PPB
DATA SUBSET: TOTAL

HISTOGRAM



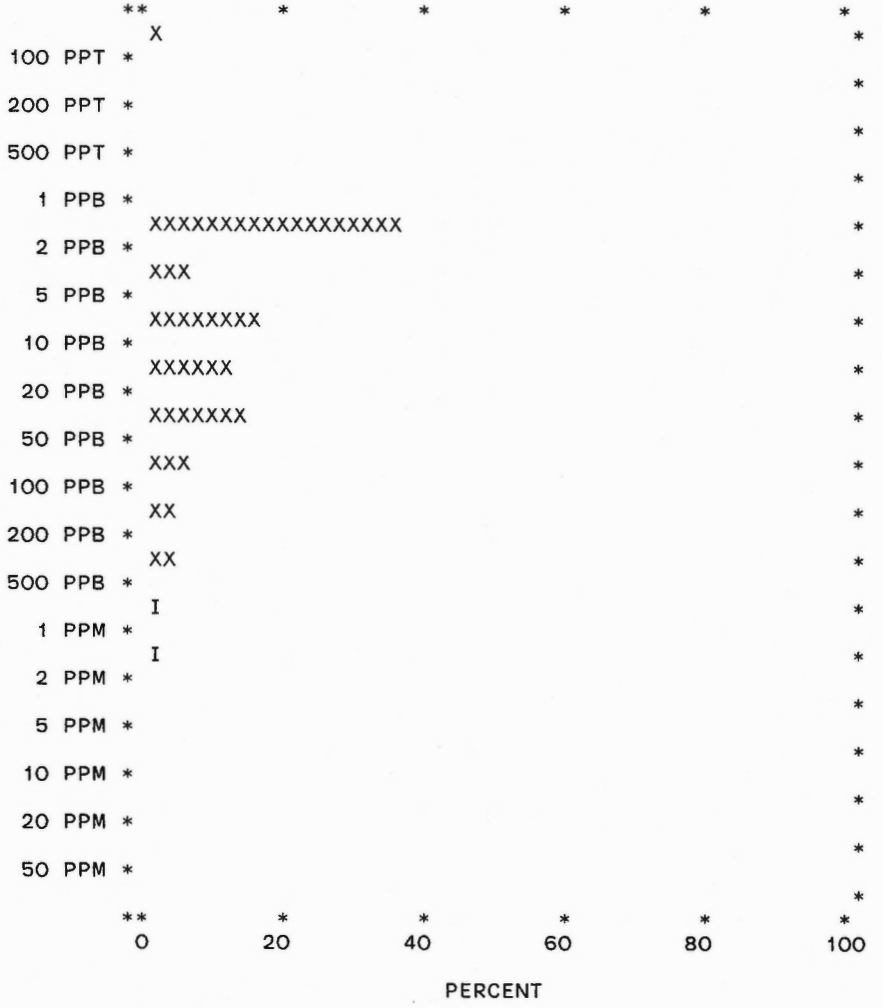
	N	%	CUM %
	18	1.83	1.83
	322	32.72	34.55
	295	29.98	64.53
	223	22.66	87.20
	102	10.37	97.56
	23	2.34	99.90
	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	52.9793
VARIANCE	3148.5571
STANDARD DEVIATION	56.1120
SKEW	2.8199
EXCESS KURTOSIS	12.0571
COEFFICIENT OF VARIATION, %	105.9131
STANDARD ERROR OF THE MEAN	1.8054
LOWER 95% LIMIT ON THE MEAN	49.4368
UPPER 95% LIMIT ON THE MEAN	56.5217
LOWER 95% LIMIT ON THE RANGE	-57.1220
UPPER 95% LIMIT ON THE RANGE	163.0806
GEOMETRIC MEAN	34.7839
LOG10 MEAN	1.5414
LOG10 VARIANCE	.1550
LOG10 STANDARD DEVIATION	.3936
STANDARD ERROR ON THE MEAN	.0127
LOWER 95% LIMIT ON THE MEAN	32.8493
UPPER 95% LIMIT ON THE MEAN	36.8324
LOWER 95% LIMIT ON THE RANGE	5.8745
UPPER 95% LIMIT ON THE RANGE	205.9616
MINIMUM VALUE	12.0000
25TH PERCENTILE OR 1ST QUARTILE	12.0000
50TH PERCENTILE OR MEDIAN	35.0000
75TH PERCENTILE OR 3RD QUARTILE	66.0000
80TH PERCENTILE	78.0000
90TH PERCENTILE	120.0000
95TH PERCENTILE	168.0000
98TH PERCENTILE	225.0000
99TH PERCENTILE	280.0000
MAXIMUM VALUE	520.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
ZN	PPB	TOTAL

HISTOGRAM



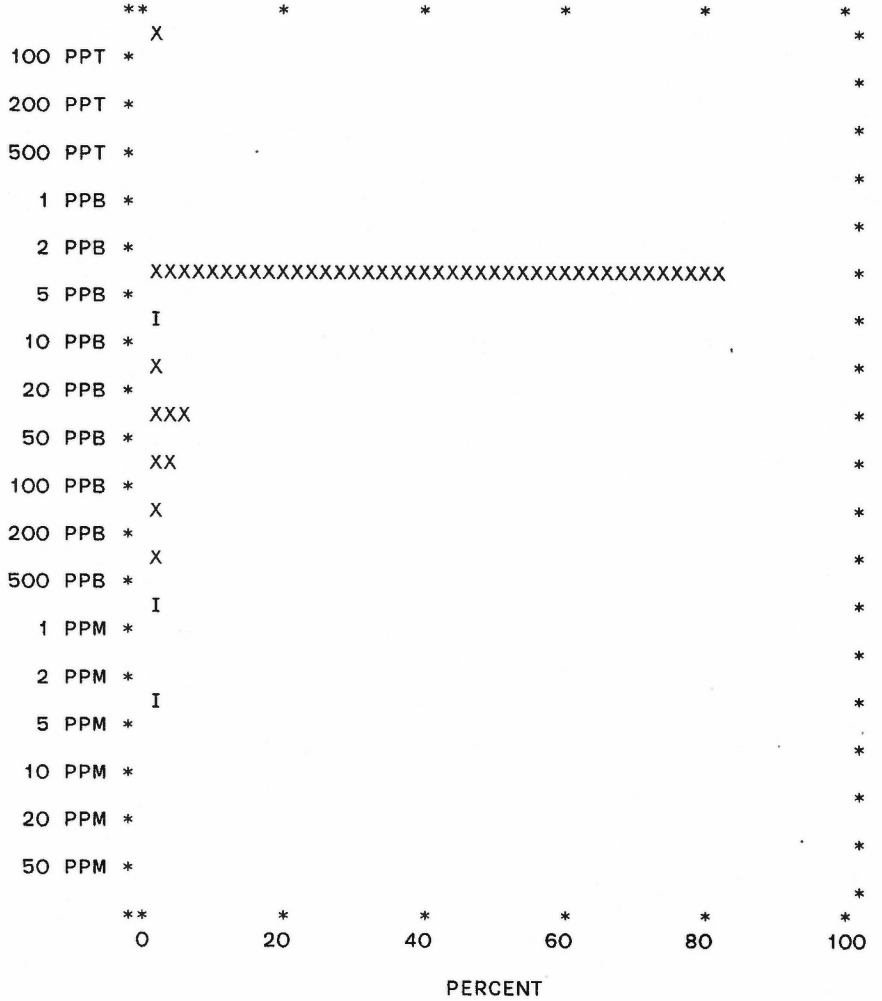
	N	%	CUM %
	18	1.83	1.83
	347	35.26	37.09
	66	6.71	43.80
	150	15.24	59.04
	112	11.38	70.43
	133	13.52	83.94
	65	6.61	90.55
	49	4.98	95.53
	33	3.35	98.88
	9	.91	99.80
	2	.20	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	39.2629
VARIANCE	10901.0583
STANDARD DEVIATION	104.4081
SKEW	7.0159
EXCESS KURTOSIS	71.4961
COEFFICIENT OF VARIATION, %	265.9203
STANDARD ERROR OF THE MEAN	3.3593
LOWER 95% LIMIT ON THE MEAN	32.6715
UPPER 95% LIMIT ON THE MEAN	45.8544
LOWER 95% LIMIT ON THE RANGE	-165.6036
UPPER 95% LIMIT ON THE RANGE	244.1294
GEOMETRIC MEAN	9.6281
LOG10 MEAN	.9835
LOG10 VARIANCE	.4534
LOG10 STANDARD DEVIATION	.6734
STANDARD ERROR ON THE MEAN	.0217
LOWER 95% LIMIT ON THE MEAN	8.7303
UPPER 95% LIMIT ON THE MEAN	10.6183
LOWER 95% LIMIT ON THE RANGE	.4595
UPPER 95% LIMIT ON THE RANGE	201.7538
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	7.0000
75TH PERCENTILE OR 3RD QUARTILE	28.0000
80TH PERCENTILE	40.0000
90TH PERCENTILE	96.0000
95TH PERCENTILE	181.0000
98TH PERCENTILE	384.0000
99TH PERCENTILE	507.0000
MAXIMUM VALUE	1433.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MN	PPB	TOTAL

HISTOGRAM



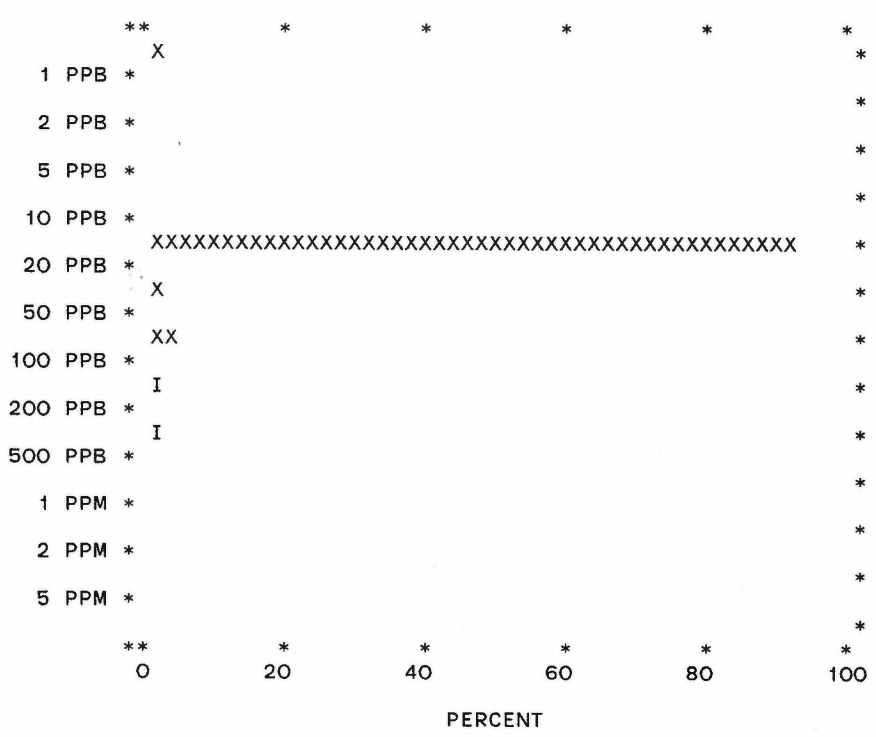
	N	%	CUM %
	18	1.83	1.83
	811	82.42	84.25
	4	.41	84.65
	22	2.24	86.89
	50	5.08	91.97
	36	3.66	95.63
	21	2.13	97.76
	17	1.73	99.49
	4	.41	99.90
	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	23.0994
VARIANCE	13910.5766
STANDARD DEVIATION	117.9431
SKEW	21.1775
EXCESS KURTOSIS	552.8169
COEFFICIENT OF VARIATION, %	510.5900
STANDARD ERROR OF THE MEAN	3.7948
LOWER 95% LIMIT ON THE MEAN	15.6534
UPPER 95% LIMIT ON THE MEAN	30.5453
LOWER 95% LIMIT ON THE RANGE	-208.3250
UPPER 95% LIMIT ON THE RANGE	254.5238
GEOMETRIC MEAN	7.4230
LOG10 MEAN	.8706
LOG10 VARIANCE	.1883
LOG10 STANDARD DEVIATION	.4339
STANDARD ERROR ON THE MEAN	.0140
LOWER 95% LIMIT ON THE MEAN	6.9692
UPPER 95% LIMIT ON THE MEAN	7.9063
LOWER 95% LIMIT ON THE RANGE	1.0450
UPPER 95% LIMIT ON THE RANGE	52.7273
MINIMUM VALUE	5.0000
25TH PERCENTILE OR 1ST QUARTILE	5.0000
50TH PERCENTILE OR MEDIAN	5.0000
75TH PERCENTILE OR 3RD QUARTILE	5.0000
80TH PERCENTILE	5.0000
90TH PERCENTILE	38.0000
95TH PERCENTILE	85.0000
98TH PERCENTILE	241.0000
99TH PERCENTILE	346.0000
MAXIMUM VALUE	3210.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
FE	PPB	TOTAL

HISTOGRAM



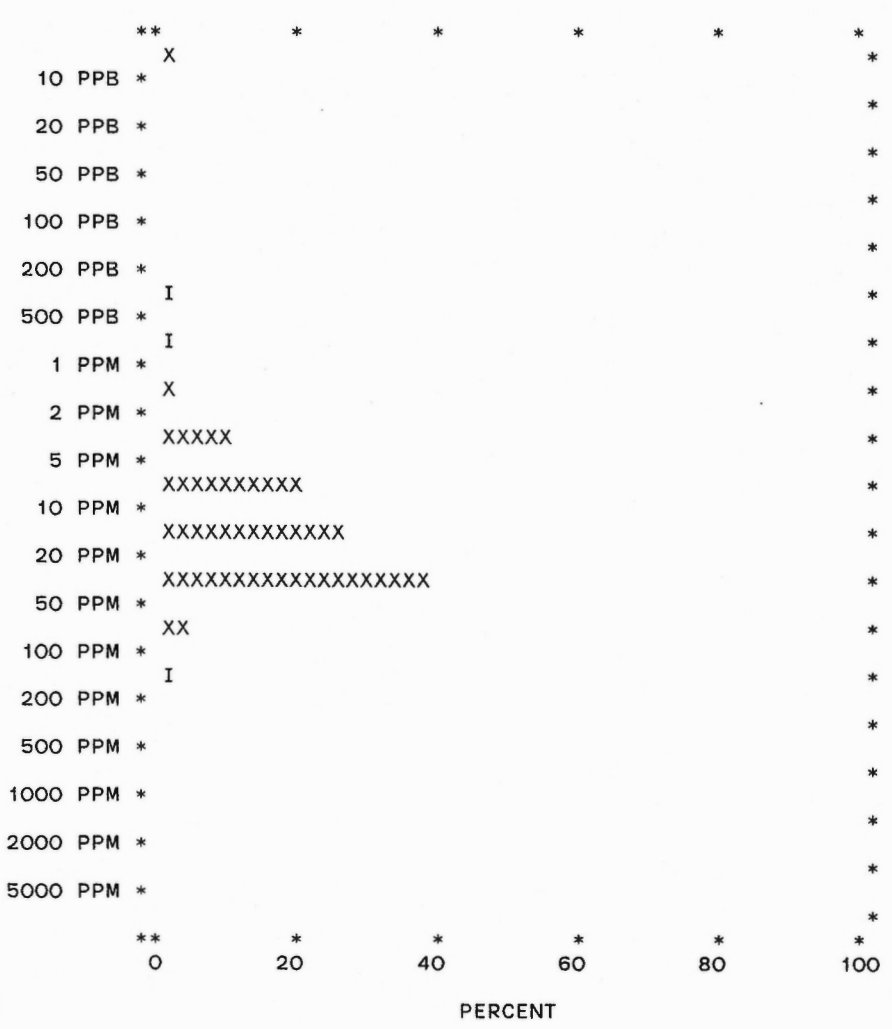
	N	%	CUM %
1 PPB	18	1.83	1.83
10 PPB	913	92.78	94.61
20 PPB	14	1.42	96.04
50 PPB	31	3.15	99.19
100 PPB	7	.71	99.90
200 PPB	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	22.9710
VARIANCE	252.4758
STANDARD DEVIATION	15.8895
SKEW	8.2067
EXCESS KURTOSIS	86.3357
COEFFICIENT OF VARIATION, %	69.1719
STANDARD ERROR OF THE MEAN	.5112
LOWER 95% LIMIT ON THE MEAN	21.9679
UPPER 95% LIMIT ON THE MEAN	23.9741
LOWER 95% LIMIT ON THE RANGE	-8.2069
UPPER 95% LIMIT ON THE RANGE	54.1489
GEOMETRIC MEAN	21.3618
LOG10 MEAN	1.3296
LOG10 VARIANCE	.0160
LOG10 STANDARD DEVIATION	.1265
STANDARD ERROR ON THE MEAN	.0041
LOWER 95% LIMIT ON THE MEAN	20.9725
UPPER 95% LIMIT ON THE MEAN	21.7584
LOWER 95% LIMIT ON THE RANGE	12.0605
UPPER 95% LIMIT ON THE RANGE	37.8366
MINIMUM VALUE	20.0000
25TH PERCENTILE OR 1ST QUARTILE	20.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	20.0000
80TH PERCENTILE	20.0000
90TH PERCENTILE	20.0000
95TH PERCENTILE	42.0000
98TH PERCENTILE	67.0000
99TH PERCENTILE	86.0000
MAXIMUM VALUE	262.0000

VARIABLE NAME: CA
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
10 PPB	18	1.83	1.83
20 PPB			
50 PPB			
100 PPB			
200 PPB			
500 PPB	1	.10	1.93
1 PPM	7	.71	2.64
2 PPM	19	1.93	4.57
5 PPM	91	9.25	13.82
10 PPM	190	19.31	33.13
20 PPM	248	25.20	58.33
50 PPM	379	38.52	96.85
100 PPM	30	3.05	99.90
200 PPM	1	.10	100.00
500 PPM			
1000 PPM			
2000 PPM			
5000 PPM			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	20.2800
VARIANCE	214.1048
STANDARD DEVIATION	14.6323
SKEW	.9994
EXCESS KURTOSIS	1.2772
COEFFICIENT OF VARIATION, %	72.1514
STANDARD ERROR OF THE MEAN	.4708
LOWER 95% LIMIT ON THE MEAN	19.3563
UPPER 95% LIMIT ON THE MEAN	21.2038
LOWER 95% LIMIT ON THE RANGE	-8.4311
UPPER 95% LIMIT ON THE RANGE	48.9911
GEOMETRIC MEAN	14.7297
LOG10 MEAN	1.1682
LOG10 VARIANCE	.1493
LOG10 STANDARD DEVIATION	.3864
STANDARD ERROR ON THE MEAN	.0124
LOWER 95% LIMIT ON THE MEAN	13.9252
UPPER 95% LIMIT ON THE MEAN	15.5808
LOWER 95% LIMIT ON THE RANGE	2.5704
UPPER 95% LIMIT ON THE RANGE	84.4091
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	8.3000
50TH PERCENTILE OR MEDIAN	17.0000
75TH PERCENTILE OR 3RD QUARTILE	30.3000
80TH PERCENTILE	33.6000
90TH PERCENTILE	40.4000
95TH PERCENTILE	46.6000
98TH PERCENTILE	53.1000
99TH PERCENTILE	61.9000
MAXIMUM VALUE	101.0000

VARIABLE NAME: MG
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM

		N	%	CUM %
1 PPB	X	18	1.83	1.83
2 PPB				
5 PPB				
10 PPB				
20 PPB				
50 PPB				
100 PPB	X	12	1.22	3.05
200 PPB	X	12	1.22	4.27
500 PPB	XXX	52	5.28	9.55
1 PPM	XXX	55	5.59	15.14
2 PPM	XXXXXXX	143	14.53	29.67
5 PPM	XXXXXXXXXXXXXXX	293	29.78	59.45
10 PPM	XXXXXXXXXXXXXX	277	28.15	87.60
20 PPM	XXXXXX	114	11.59	99.19
50 PPM	I	8	.81	100.00
100 PPM				
200 PPM				
500 PPM				

** * * * * *
0 20 40 60 80 100
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	5.0694
VARIANCE	18.4844
STANDARD DEVIATION	4.2993
SKEW	1.5132
EXCESS KURTOSIS	3.4571
COEFFICIENT OF VARIATION, %	84.8104
STANDARD ERROR OF THE MEAN	.1383
LOWER 95% LIMIT ON THE MEAN	4.7979
UPPER 95% LIMIT ON THE MEAN	5.3408
LOWER 95% LIMIT ON THE RANGE	-3.3667
UPPER 95% LIMIT ON THE RANGE	13.5054
GEOMETRIC MEAN	3.2719
LOG10 MEAN	.5148
LOG10 VARIANCE	.2190
LOG10 STANDARD DEVIATION	.4680
STANDARD ERROR ON THE MEAN	.0151
LOWER 95% LIMIT ON THE MEAN	3.0567
UPPER 95% LIMIT ON THE MEAN	3.5023
LOWER 95% LIMIT ON THE RANGE	.3949
UPPER 95% LIMIT ON THE RANGE	27.1104
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	1.8000
50TH PERCENTILE OR MEDIAN	4.0000
75TH PERCENTILE OR 3RD QUARTILE	7.2000
80TH PERCENTILE	8.1000
90TH PERCENTILE	10.7000
95TH PERCENTILE	13.3000
98TH PERCENTILE	16.5000
99TH PERCENTILE	18.4000
MAXIMUM VALUE	30.7000

VARIABLE NAME: NA
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM

		N	%	CUM %
1 PPB	X	18	1.83	1.83
2 PPB				
5 PPB				
10 PPB				
20 PPB				
50 PPB				
100 PPB	XXX	57	5.79	7.62
200 PPB	XXXXXXXXXX	202	20.53	28.15
500 PPB	XXXXXXXXXXXXXXXXXXXXXXXX	479	48.68	76.83
1 PPM	XXXXXXXXXX	187	19.00	95.83
2 PPM	XX	38	3.86	99.70
5 PPM	I	2	.20	99.90
10 PPM	I	1	.10	100.00
20 PPM				
50 PPM				

0 20 40 60 80 100

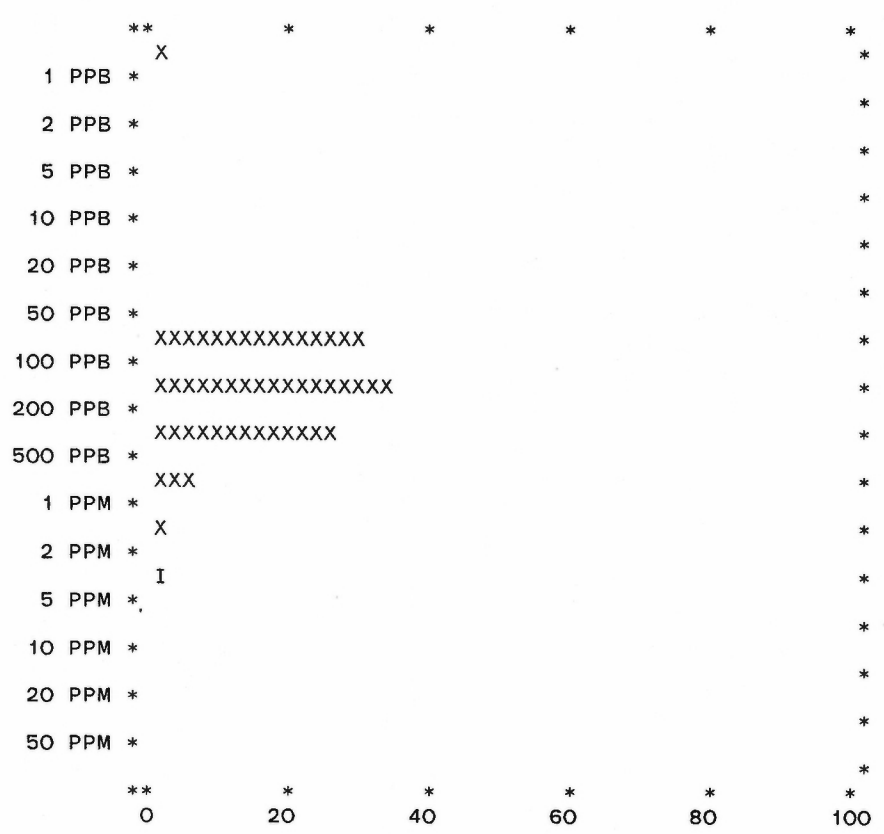
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	.4420
VARIANCE	.1275
STANDARD DEVIATION	.3570
SKEW	6.6214
EXCESS KURTOSIS	94.5028
COEFFICIENT OF VARIATION, %	80.7723
STANDARD ERROR OF THE MEAN	.0115
LOWER 95% LIMIT ON THE MEAN	.4195
UPPER 95% LIMIT ON THE MEAN	.4646
LOWER 95% LIMIT ON THE RANGE	-.2585
UPPER 95% LIMIT ON THE RANGE	1.1426
GEOMETRIC MEAN	.3629
LOG10 MEAN	-.4402
LOG10 VARIANCE	.0706
LOG10 STANDARD DEVIATION	.2657
STANDARD ERROR ON THE MEAN	.0085
LOWER 95% LIMIT ON THE MEAN	.3492
UPPER 95% LIMIT ON THE MEAN	.3772
LOWER 95% LIMIT ON THE RANGE	.1093
UPPER 95% LIMIT ON THE RANGE	1.2055
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.2000
50TH PERCENTILE OR MEDIAN	.4000
75TH PERCENTILE OR 3RD QUARTILE	.5000
80TH PERCENTILE	.6000
90TH PERCENTILE	.8000
95TH PERCENTILE	1.0000
98TH PERCENTILE	1.4000
99TH PERCENTILE	1.6000
MAXIMUM VALUE	6.6000

VARIABLE NAME: K
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



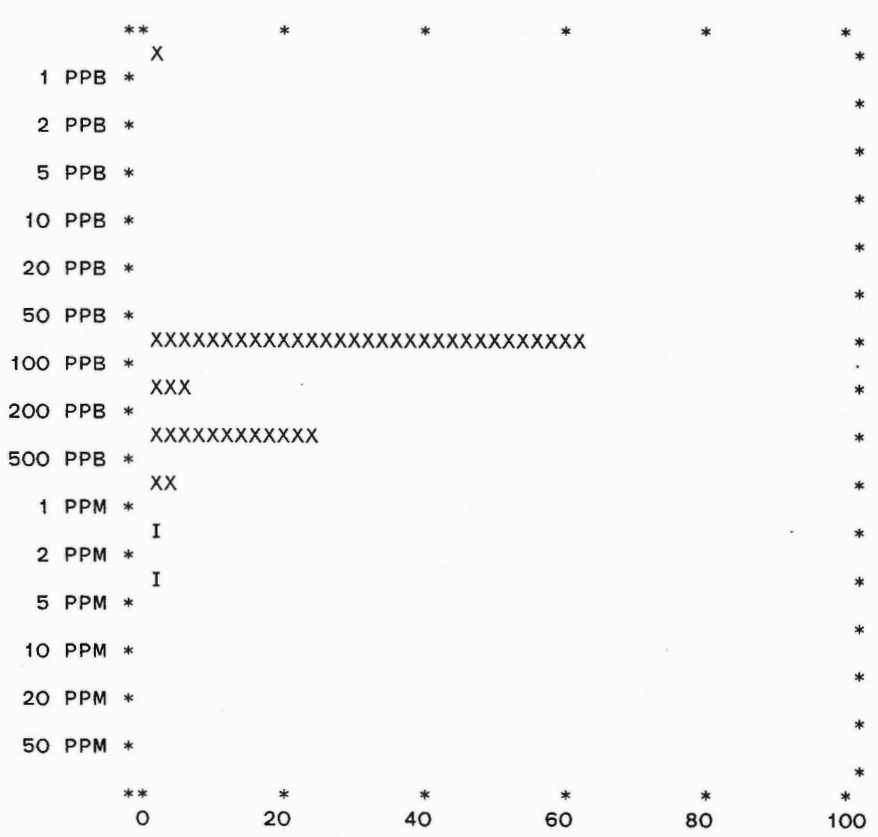
	N	%	CUM %
X	18	1.83	1.83
XXXXXXXXXXXXXXX	298	30.28	32.11
XXXXXXXXXXXXXXXXX	343	34.86	66.97
XXXXXXXXXXXXX	251	25.51	92.48
XXX	63	6.40	98.88
X	10	1.02	99.90
I	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	18
NUMBER OF NON-ZERO SAMPLES	966
ARITHMETIC MEAN	.2613
VARIANCE	.0489
STANDARD DEVIATION	.2211
SKEW	3.8503
EXCESS KURTOSIS	29.1690
COEFFICIENT OF VARIATION, %	84.6366
STANDARD ERROR OF THE MEAN	.0071
LOWER 95% LIMIT ON THE MEAN	.2473
UPPER 95% LIMIT ON THE MEAN	.2752
LOWER 95% LIMIT ON THE RANGE	-.1726
UPPER 95% LIMIT ON THE RANGE	.6952
GEOMETRIC MEAN	.2087
LOG10 MEAN	-.6805
LOG10 VARIANCE	.0753
LOG10 STANDARD DEVIATION	.2744
STANDARD ERROR ON THE MEAN	.0088
LOWER 95% LIMIT ON THE MEAN	.2005
UPPER 95% LIMIT ON THE MEAN	.2172
LOWER 95% LIMIT ON THE RANGE	.0604
UPPER 95% LIMIT ON THE RANGE	.7209
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.2000
75TH PERCENTILE OR 3RD QUARTILE	.3000
80TH PERCENTILE	.3000
90TH PERCENTILE	.5000
95TH PERCENTILE	.7000
98TH PERCENTILE	1.0000
99TH PERCENTILE	1.1000
MAXIMUM VALUE	3.0000

VARIABLE NAME: NO3 | UNIT OF MEASUREMENT: PPM | DATA SUBSET: TOTAL

HISTOGRAM



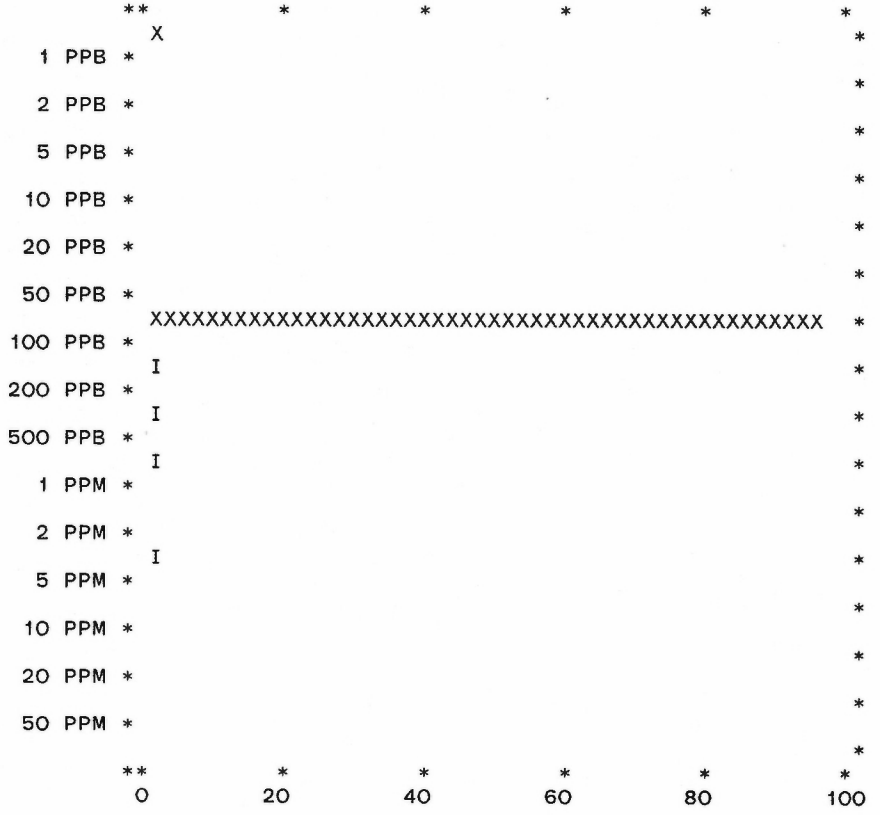
	N	%	CUM %
	19	1.93	1.93
	610	61.99	63.92
	58	5.89	69.82
	242	24.59	94.41
	44	4.47	98.88
	8	.81	99.70
	3	.30	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	.2048
VARIANCE	.0544
STANDARD DEVIATION	.2332
SKEW	5.6282
EXCESS KURTOSIS	47.6713
COEFFICIENT OF VARIATION, %	113.8468
STANDARD ERROR OF THE MEAN	.0075
LOWER 95% LIMIT ON THE MEAN	.1901
UPPER 95% LIMIT ON THE MEAN	.2195
LOWER 95% LIMIT ON THE RANGE	-.2527
UPPER 95% LIMIT ON THE RANGE	.6623
GEOMETRIC MEAN	.1551
LOG10 MEAN	-.8095
LOG10 VARIANCE	.0790
LOG10 STANDARD DEVIATION	.2811
STANDARD ERROR ON THE MEAN	.0091
LOWER 95% LIMIT ON THE MEAN	.1489
UPPER 95% LIMIT ON THE MEAN	.1615
LOWER 95% LIMIT ON THE RANGE	.0435
UPPER 95% LIMIT ON THE RANGE	.5523
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.2400
80TH PERCENTILE	.2800
90TH PERCENTILE	.4000
95TH PERCENTILE	.5500
98TH PERCENTILE	.8500
99TH PERCENTILE	1.0900
MAXIMUM VALUE	3.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
P04	PPM	TOTAL

HISTOGRAM



	N	%	CUM %
1 PPB	19	1.93	1.93
100 PPB	950	96.54	98.48
200 PPB	9	.91	99.39
500 PPB	4	.41	99.80
1 PPM	1	.10	99.90
5 PPM	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	.1052
VARIANCE	.0114
STANDARD DEVIATION	.1065
SKEW	29.4285
EXCESS KURTOSIS	890.7724
COEFFICIENT OF VARIATION, %	101.3152
STANDARD ERROR OF THE MEAN	.0034
LOWER 95% LIMIT ON THE MEAN	.0984
UPPER 95% LIMIT ON THE MEAN	.1119
LOWER 95% LIMIT ON THE RANGE	-.1039
UPPER 95% LIMIT ON THE RANGE	.3142
GEOMETRIC MEAN	.1014
LOG10 MEAN	-.9940
LOG10 VARIANCE	.0042
LOG10 STANDARD DEVIATION	.0651
STANDARD ERROR ON THE MEAN	.0021
LOWER 95% LIMIT ON THE MEAN	.1004
UPPER 95% LIMIT ON THE MEAN	.1024
LOWER 95% LIMIT ON THE RANGE	.0756
UPPER 95% LIMIT ON THE RANGE	.1360
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	.1500
MAXIMUM VALUE	3.3500

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
SO4	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
10 PPB	X	19	1.93	1.93
20 PPB				
50 PPB				
100 PPB				
200 PPB	I	5	.51	2.44
500 PPB	I	3	.30	2.74
1 PPM	I	8	.81	3.56
2 PPM	X	12	1.22	4.78
5 PPM	XXX	56	5.69	10.47
10 PPM	XXXXXXXX	163	16.57	27.03
20 PPM	XXXXXXXXXXXX	256	26.02	53.05
50 PPM	XXXXXXXXXXXXXXXXX	348	35.37	88.41
100 PPM	XXXXX	89	9.04	97.46
200 PPM	X	23	2.34	99.80
500 PPM	I	2	.20	100.00
1000 PPM				
2000 PPM				
5000 PPM				

0 20 40 60 80 100

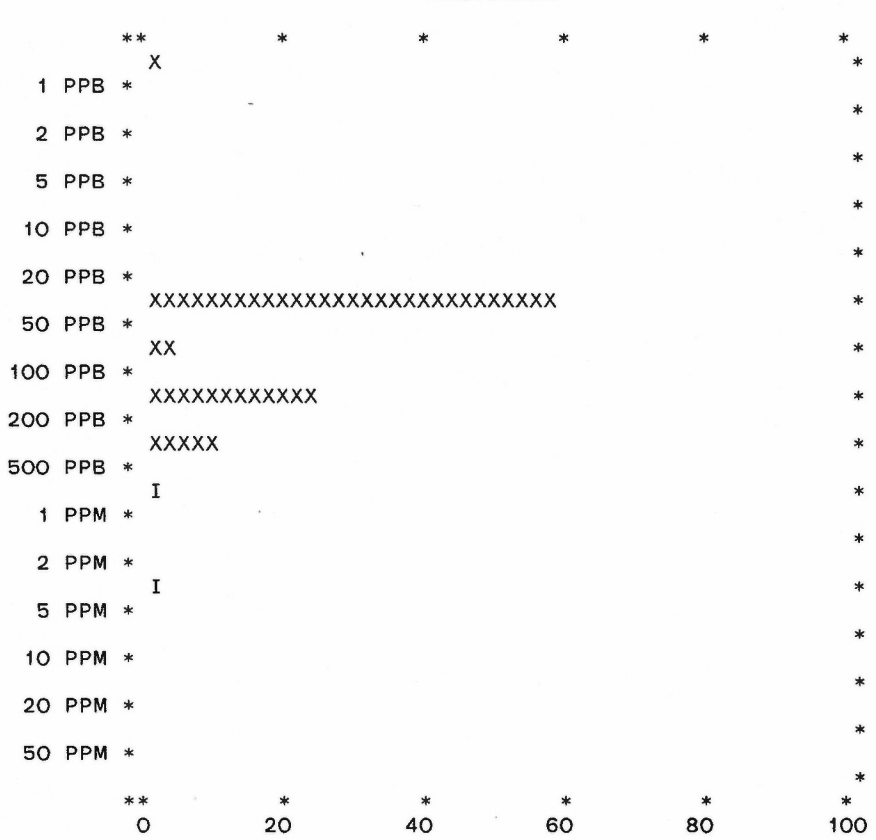
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	26.8248
VARIANCE	764.2889
STANDARD DEVIATION	27.6458
SKEW	3.4188
EXCESS KURTOSIS	20.1415
COEFFICIENT OF VARIATION, %	103.0606
STANDARD ERROR OF THE MEAN	.8899
LOWER 95% LIMIT ON THE MEAN	25.0785
UPPER 95% LIMIT ON THE MEAN	28.5710
LOWER 95% LIMIT ON THE RANGE	-27.4211
UPPER 95% LIMIT ON THE RANGE	81.0706
GEOMETRIC MEAN	17.5474
LOG10 MEAN	1.2442
LOG10 VARIANCE	.1914
LOG10 STANDARD DEVIATION	.4375
STANDARD ERROR ON THE MEAN	.0141
LOWER 95% LIMIT ON THE MEAN	16.4656
UPPER 95% LIMIT ON THE MEAN	18.7003
LOWER 95% LIMIT ON THE RANGE	2.4308
UPPER 95% LIMIT ON THE RANGE	126.6735
MINIMUM VALUE	.2000
25TH PERCENTILE OR 1ST QUARTILE	9.9000
50TH PERCENTILE OR MEDIAN	19.1000
75TH PERCENTILE OR 3RD QUARTILE	34.2000
80TH PERCENTILE	38.5000
90TH PERCENTILE	57.0000
95TH PERCENTILE	74.2000
98TH PERCENTILE	112.3000
99TH PERCENTILE	142.8000
MAXIMUM VALUE	315.8000

VARIABLE NAME: CL
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



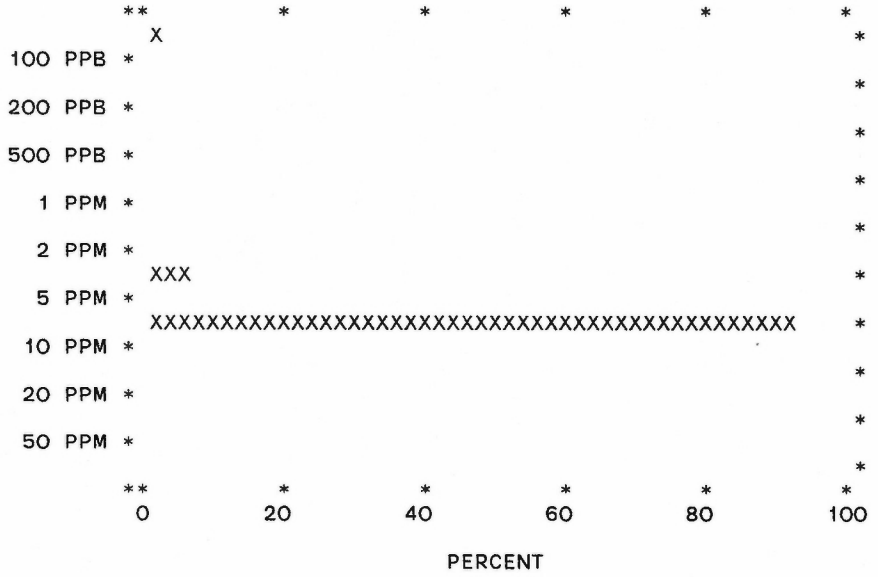
	N	%	CUM %
	19	1.93	1.93
	577	58.64	60.57
	38	3.86	64.43
	240	24.39	88.82
	105	10.67	99.49
	4	.41	99.90
	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	.1068
VARIANCE	.0123
STANDARD DEVIATION	.1108
SKEW	7.1497
EXCESS KURTOSIS	100.5729
COEFFICIENT OF VARIATION, %	103.7055
STANDARD ERROR OF THE MEAN	.0036
LOWER 95% LIMIT ON THE MEAN	.0999
UPPER 95% LIMIT ON THE MEAN	.1138
LOWER 95% LIMIT ON THE RANGE	-.1106
UPPER 95% LIMIT ON THE RANGE	.3243
GEOMETRIC MEAN	.0820
LOG10 MEAN	-1.0863
LOG10 VARIANCE	.0822
LOG10 STANDARD DEVIATION	.2867
STANDARD ERROR ON THE MEAN	.0092
LOWER 95% LIMIT ON THE MEAN	.0786
UPPER 95% LIMIT ON THE MEAN	.0855
LOWER 95% LIMIT ON THE RANGE	.0224
UPPER 95% LIMIT ON THE RANGE	.2995
MINIMUM VALUE	.0500
25TH PERCENTILE OR 1ST QUARTILE	.0500
50TH PERCENTILE OR MEDIAN	.0500
75TH PERCENTILE OR 3RD QUARTILE	.1400
80TH PERCENTILE	.1600
90TH PERCENTILE	.2100
95TH PERCENTILE	.2800
98TH PERCENTILE	.3700
99TH PERCENTILE	.4400
MAXIMUM VALUE	2.0300

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
PH	PPM	TOTAL

HISTOGRAM



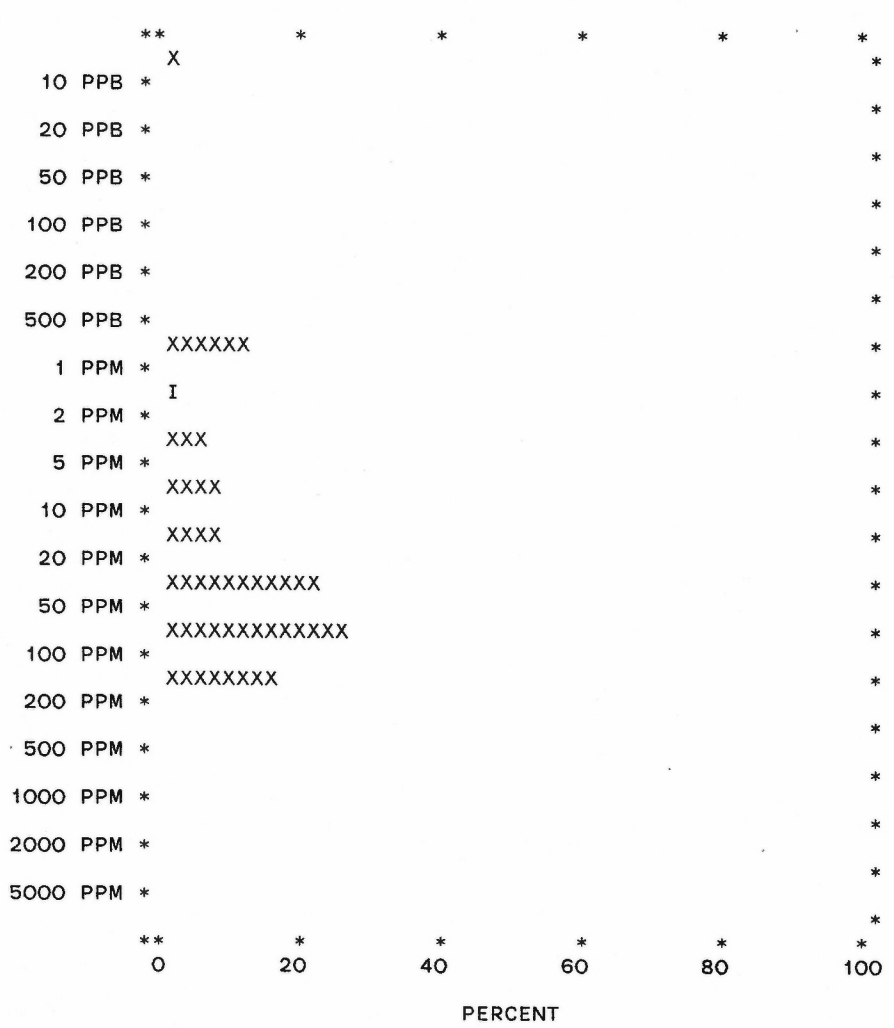
	N	%	CUM %
X	19	1.93	1.93
XXX	58	5.89	7.83
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	907	92.17	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	7.6188
VARIANCE	1.0899
STANDARD DEVIATION	1.0440
SKEW	-1.8860
EXCESS KURTOSIS	3.1017
COEFFICIENT OF VARIATION, %	13.7029
STANDARD ERROR OF THE MEAN	.0336
LOWER 95% LIMIT ON THE MEAN	7.5529
UPPER 95% LIMIT ON THE MEAN	7.6848
LOWER 95% LIMIT ON THE RANGE	5.5703
UPPER 95% LIMIT ON THE RANGE	9.6673
GEOMETRIC MEAN	7.5294
LOG10 MEAN	.8768
LOG10 VARIANCE	.0050
LOG10 STANDARD DEVIATION	.0709
STANDARD ERROR ON THE MEAN	.0023
LOWER 95% LIMIT ON THE MEAN	7.4521
UPPER 95% LIMIT ON THE MEAN	7.6075
LOWER 95% LIMIT ON THE RANGE	5.4647
UPPER 95% LIMIT ON THE RANGE	10.3741
MINIMUM VALUE	3.4100
25TH PERCENTILE OR 1ST QUARTILE	7.3300
50TH PERCENTILE OR MEDIAN	7.9700
75TH PERCENTILE OR 3RD QUARTILE	8.3100
80TH PERCENTILE	8.3600
90TH PERCENTILE	8.4500
95TH PERCENTILE	8.5200
98TH PERCENTILE	8.5800
99TH PERCENTILE	8.6200
MAXIMUM VALUE	8.6800

VARIABLE NAME: T-ALK
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
10 PPB	19	1.93	1.93
20 PPB			
50 PPB			
100 PPB			
200 PPB			
500 PPB			
1 PPM	115	11.69	13.62
2 PPM	2	.20	13.82
5 PPM	60	6.10	19.92
10 PPM	70	7.11	27.03
20 PPM	81	8.23	35.26
50 PPM	222	22.56	57.83
100 PPM	259	26.32	84.15
200 PPM	156	15.85	100.00
500 PPM			
1000 PPM			
2000 PPM			
5000 PPM			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	19
NUMBER OF NON-ZERO SAMPLES	965
ARITHMETIC MEAN	49.6845
VARIANCE	1952.4662
STANDARD DEVIATION	44.1867
SKEW	.7557
EXCESS KURTOSIS	-.2402
COEFFICIENT OF VARIATION, %	88.9347
STANDARD ERROR OF THE MEAN	1.4224
LOWER 95% LIMIT ON THE MEAN	46.8934
UPPER 95% LIMIT ON THE MEAN	52.4755
LOWER 95% LIMIT ON THE RANGE	-37.0176
UPPER 95% LIMIT ON THE RANGE	136.3865
GEOMETRIC MEAN	23.6123
LOG10 MEAN	1.3731
LOG10 VARIANCE	.4550
LOG10 STANDARD DEVIATION	.6745
STANDARD ERROR ON THE MEAN	.0217
LOWER 95% LIMIT ON THE MEAN	21.4059
UPPER 95% LIMIT ON THE MEAN	26.0462
LOWER 95% LIMIT ON THE RANGE	1.1211
UPPER 95% LIMIT ON THE RANGE	497.3214
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	9.6000
50TH PERCENTILE OR MEDIAN	38.4000
75TH PERCENTILE OR 3RD QUARTILE	82.8000
80TH PERCENTILE	91.0000
90TH PERCENTILE	112.7000
95TH PERCENTILE	126.2000
98TH PERCENTILE	155.4000
99TH PERCENTILE	165.1000
MAXIMUM VALUE	198.6000

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	U	PPB	966	.725	1.27	175.3	6.32	73.19	.645	.805	.254	-.5957	.6483	.231	.279
TOTAL	F	PPB	966	53.0	56.1	105.9	2.82	12.06	49.4	56.5	34.8	1.5414	.3936	32.8	36.8
TOTAL	ZN	PPB	966	39.3	104.	265.9	7.02	71.50	32.7	45.9	9.63	.9835	.6734	8.73	10.6
TOTAL	MN	PPB	966	23.1	118.	510.6	21.18	552.82	15.7	30.5	7.42	.8706	.4339	6.97	7.91
TOTAL	FE	PPB	966	23.0	15.9	69.2	8.21	86.34	22.0	24.0	21.4	1.3296	.1265	21.0	21.8
TOTAL	CA	PPM	966	20.3	14.6	72.2	1.00	1.28	19.4	21.2	14.7	1.1682	.3864	13.9	15.6
TOTAL	MG	PPM	966	5.07	4.30	84.8	1.51	3.46	4.80	5.34	3.27	.5148	.4680	3.06	3.50
TOTAL	NA	PPM	966	.442	.357	80.8	6.62	94.50	.419	.465	.363	-.4402	.2657	.349	.377
TOTAL	K	PPM	966	.261	.221	84.6	3.85	29.17	.247	.275	.209	-.6805	.2744	.201	.217
TOTAL	NO3	PPM	965	.205	.233	113.8	5.63	47.67	.190	.220	.155	-.8095	.2811	.149	.162
TOTAL	PO4	PPM	965	.105	.107	101.3	29.43	890.77	.984E-01	.112	.101	-.9940	.0651	.100	.102
TOTAL	SO4	PPM	965	26.8	27.6	103.1	3.42	20.14	25.1	28.6	17.5	1.2442	.4375	16.5	18.7
TOTAL	CL	PPM	965	.107	.111	103.7	7.15	100.57	.999E-01	.114	.820E-01	-1.0863	.2867	.786E-01	.855E-01
TOTAL	PH	PPM	965	7.62	1.04	13.7	-1.89	3.10	7.55	7.68	7.53	.8768	.0709	7.45	7.61
TOTAL	T-ALK	PPM	965	49.7	44.2	88.9	.76	-.24	46.9	52.5	23.6	1.3731	.6745	21.4	26.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TOTAL	U	PPB	966	.050	.050	.230	.940	1.280	2.000	2.800	4.400	5.000	20.000
TOTAL	F	PPB	966	12.000	12.000	35.000	66.000	78.000	120.000	168.000	225.000	280.000	520.000
TOTAL	ZN	PPB	966	2.000	2.000	7.000	28.000	40.000	96.000	181.000	384.000	507.000	1433.000
TOTAL	MN	PPB	966	5.000	5.000	5.000	5.000	5.000	38.000	85.000	241.000	346.000	3210.000
TOTAL	FE	PPB	966	20.000	20.000	20.000	20.000	20.000	20.000	42.000	67.000	86.000	262.000
TOTAL	CA	PPM	966	.500	8.300	17.000	30.300	33.600	40.400	46.600	53.100	61.900	101.000
TOTAL	MG	PPM	966	.100	1.800	4.000	7.200	8.100	10.700	13.300	16.500	18.400	30.700
TOTAL	NA	PPM	966	.100	.200	.400	.500	.600	.800	1.000	1.400	1.600	6.600
TOTAL	K	PPM	966	.100	.100	.200	.300	.300	.500	.700	1.000	1.100	3.000
TOTAL	NO3	PPM	965	.100	.100	.100	.240	.280	.400	.550	.850	1.090	3.000
TOTAL	PO4	PPM	965	.100	.100	.100	.100	.100	.100	.100	.100	.150	3.350
TOTAL	SO4	PPM	965	.200	9.900	19.100	34.200	38.500	57.000	74.200	112.300	142.800	315.800
TOTAL	CL	PPM	965	.050	.050	.050	.140	.160	.210	.280	.370	.440	2.030
TOTAL	PH	PPM	965	3.410	7.330	7.970	8.310	8.360	8.450	8.520	8.580	8.620	8.680
TOTAL	T-ALK	PPM	965	1.000	9.600	38.400	82.800	91.000	112.700	126.200	155.400	165.100	198.600

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	
GLAV	U	PPB	473	.723	1.06	145.9	2.42	7.05	.628	.819	.254	-.5958	.6613	.221	.291
CGLM	U	PPB	81	.423	.633	149.6	2.42	5.93	.283	.563	.175	-.7560	.5691	.131	.234
SLSN	U	PPB	102	.345	.784	227.1	4.32	20.76	.191	.499	.118	-.9275	.5401	.926E-01	.151
LMSN	U	PPB	86	1.19	1.15	96.7	1.92	5.15	.943	1.44	.672	-.1724	.5471	.513	.881
SHLE	U	PPB	39	2.17	3.90	180.1	3.50	12.20	.902	3.43	.734	-.1344	.7089	.432	1.25
SLTE	U	PPB	37	.221	.315	142.6	2.23	4.19	.116	.325	.114	-.9442	.4614	.798E-01	.162
QZMZ	U	PPB	23	1.00	.626	62.5	1.24	1.98	.731	1.27	.790	-.1024	.3623	.551	1.13
ARNT	U	PPB	58	.228	.312	137.1	2.47	6.12	.146	.310	.122	-.9148	.4559	.923E-01	.160
DLMT	U	PPB	61	.885	1.16	130.6	1.86	2.88	.589	1.18	.398	-.4004	.5735	.284	.558

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	U	PPB	473	.050	.050	.240	1.060	1.340	2.000	3.000	4.300	5.400	6.800
CGLM	U	PPB	81	.050	.050	.160	.520	.710	1.280	1.800	2.800	3.000	3.000
SLSN	U	PPB	102	.050	.050	.050	.270	.390	.930	1.980	4.800	5.000	5.000
LMSN	U	PPB	86	.050	.340	.940	1.700	2.000	2.300	4.000	5.000	6.400	6.400
SHLE	U	PPB	39	.050	.300	.920	2.400	2.500	4.400	15.200	20.000	20.000	20.000
SLTE	U	PPB	37	.050	.050	.050	.290	.300	.840	.980	1.360	1.360	1.360
QZMZ	U	PPB	23	.050	.710	.920	1.200	1.400	2.000	2.900	2.900	2.900	2.900
ARNT	U	PPB	58	.050	.050	.100	.340	.400	.500	1.010	1.450	1.450	1.450
DLMT	U	PPB	61	.050	.170	.310	1.600	1.720	2.200	4.000	4.800	4.800	4.800

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	
GLAV	F	PPB	473	61.0	60.8	99.6	2.76	11.83	55.5	66.5	41.0	1.6127	.3932	37.8	44.5
CGLM	F	PPB	81	64.5	63.3	98.1	2.36	5.75	50.5	78.5	45.3	1.6560	.3660	37.6	54.6
SLSN	F	PPB	102	62.4	53.7	86.1	1.69	2.77	51.8	73.0	44.5	1.6484	.3687	37.7	52.6
LMSN	F	PPB	86	29.8	24.7	82.8	1.67	3.27	24.5	35.1	22.5	1.3522	.3172	19.2	26.3
SHLE	F	PPB	39	87.4	71.7	82.1	2.42	8.48	64.2	111.	65.2	1.8139	.3571	49.9	85.0
SLTE	F	PPB	37	22.6	19.6	86.6	2.37	5.72	16.1	29.1	18.0	1.2551	.2670	14.7	22.1
QZMZ	F	PPB	23	33.6	29.5	87.9	3.56	13.01	20.9	46.4	27.6	1.4412	.2555	21.4	35.6
ARNT	F	PPB	58	24.9	34.8	139.7	3.80	14.88	15.8	34.1	17.2	1.2351	.3038	14.3	20.7
DLMT	F	PPB	61	24.5	27.7	113.2	3.51	12.51	17.4	31.6	18.4	1.2653	.2805	15.6	21.7

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	F	PPB	473	12.000	12.000	46.000	79.000	89.000	128.000	180.000	262.000	292.000	520.000
CGLM	F	PPB	81	12.000	31.000	45.000	72.000	83.000	159.000	214.000	310.000	320.000	320.000
SLSN	F	PPB	102	12.000	25.000	49.000	85.000	100.000	145.000	195.000	240.000	250.000	250.000
LMSN	F	PPB	86	12.000	12.000	12.000	44.000	50.000	63.000	75.000	122.000	129.000	129.000
SHLE	F	PPB	39	12.000	45.000	64.000	112.000	132.000	168.000	180.000	410.000	410.000	410.000
SLTE	F	PPB	37	12.000	12.000	12.000	29.000	36.000	50.000	74.000	100.000	100.000	100.000
QZMZ	F	PPB	23	12.000	26.000	27.000	37.000	39.000	48.000	160.000	160.000	160.000	160.000
ARNT	F	PPB	58	12.000	12.000	12.000	25.000	25.000	50.000	88.000	200.000	200.000	200.000
DLMT	F	PPB	61	12.000	12.000	12.000	28.000	31.000	43.000	105.000	150.000	150.000	150.000

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	
GLAV	ZN	PPB	473	41.6	102.	245.6	6.92	73.37	32.3	50.8	10.9	1.0367	.6767	9.45	12.5
CGLM	ZN	PPB	81	68.7	101.	147.6	3.07	11.08	46.3	91.2	27.0	1.4312	.6609	19.3	37.8
SLSN	ZN	PPB	102	50.3	126.	251.3	4.02	16.77	25.5	75.1	11.7	1.0670	.6798	8.58	15.9
LMSN	ZN	PPB	86	29.8	156.	525.7	8.57	74.12	-3.79	63.3	4.77	.6789	.5949	3.56	6.40
SHLE	ZN	PPB	39	83.6	129.	153.7	2.37	4.83	42.0	125.	33.8	1.5285	.6191	21.3	53.6
SLTE	ZN	PPB	37	5.89	7.65	129.9	3.01	10.32	3.34	8.44	3.69	.5668	.3806	2.75	4.94
QZMZ	ZN	PPB	23	24.0	62.5	260.2	3.21	8.96	-2.94	50.9	6.14	.7885	.5781	3.46	10.9
ARNT	ZN	PPB	58	8.03	13.6	168.7	5.42	33.38	4.47	11.6	4.66	.6683	.4095	3.64	5.97
DLMT	ZN	PPB	61	7.92	17.0	214.9	4.76	24.05	3.56	12.3	3.81	.5812	.4253	2.97	4.90

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	ZN	PPB	473	2.000	2.000	9.000	32.000	46.000	110.000	204.000	384.000	408.000	1412.000
CGLM	ZN	PPB	81	2.000	8.000	33.000	87.000	111.000	164.000	268.000	543.000	562.000	562.000
SLSN	ZN	PPB	102	2.000	2.000	9.000	26.000	44.000	115.000	440.000	573.000	804.000	804.000
LMSN	ZN	PPB	86	2.000	2.000	2.000	8.000	12.000	41.000	88.000	250.000	1433.000	1433.000
SHLE	ZN	PPB	39	2.000	14.000	37.000	76.000	112.000	327.000	453.000	555.000	555.000	555.000
SLTE	ZN	PPB	37	2.000	2.000	2.000	8.000	10.000	14.000	21.000	41.000	41.000	41.000
QZMZ	ZN	PPB	23	2.000	2.000	5.000	9.000	13.000	165.000	266.000	266.000	266.000	266.000
ARNT	ZN	PPB	58	2.000	2.000	5.000	8.000	12.000	17.000	23.000	99.000	99.000	99.000
DLMT	ZN	PPB	61	2.000	2.000	2.000	7.000	9.000	15.000	32.000	112.000	112.000	112.000

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	
GLAV	MN	PPB	473	15.1	47.4	314.3	9.35	109.27	10.8	19.4	6.75	.8291	.3706	6.25	7.29
CGLM	MN	PPB	81	45.9	92.2	201.0	2.84	7.08	25.5	66.2	13.7	1.1359	.6078	10.0	18.6
SLSN	MN	PPB	102	74.6	326.	437.2	8.90	82.66	10.5	139.	12.8	1.1072	.6548	9.52	17.2
LMSN	MN	PPB	86	9.17	21.3	232.6	7.48	59.97	4.60	13.8	5.94	.7738	.2671	5.21	6.78
SHLE	MN	PPB	39	21.8	60.8	278.5	4.36	18.89	2.13	41.5	7.67	.8850	.4429	5.51	10.7
SLTE	MN	PPB	37	5.16	.986	19.1	5.83	32.03	4.83	5.49	5.11	.7082	.0563	4.89	5.33
QZMZ	MN	PPB	23	5.00	.407E-06	.0*******		-3.00	5.00	5.00	5.00	.6990	.0010	5.00	5.00
ARNT	MN	PPB	58	19.6	68.0	346.5	6.65	45.03	1.75	37.5	7.24	.8599	.4117	5.65	9.29
DLMT	MN	PPB	61	12.1	44.4	366.2	7.17	51.13	.759	23.5	5.77	.7613	.2927	4.86	6.86

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	MN	PPB	473	5.000	5.000	5.000	5.000	5.000	24.000	68.000	133.000	197.000	669.000
CGLM	MN	PPB	81	5.000	5.000	5.000	48.000	55.000	90.000	331.000	375.000	428.000	428.000
SLSN	MN	PPB	102	5.000	5.000	5.000	27.000	65.000	161.000	306.000	572.000	3210.000	3210.000
LMSN	MN	PPB	86	5.000	5.000	5.000	5.000	5.000	5.000	33.000	51.000	191.000	191.000
SHLE	MN	PPB	39	5.000	5.000	5.000	5.000	11.000	28.000	182.000	341.000	341.000	341.000
SLTE	MN	PPB	37	5.000	5.000	5.000	5.000	5.000	5.000	5.000	11.000	11.000	11.000
QZMZ	MN	PPB	23	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ARNT	MN	PPB	58	5.000	5.000	5.000	5.000	5.000	36.000	68.000	509.000	509.000	509.000
DLMT	MN	PPB	61	5.000	5.000	5.000	5.000	5.000	5.000	32.000	346.000	346.000	346.000

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	
GLAV	FE	PPB	473	24.7	20.3	82.0	6.70	57.21	22.9	26.5	22.2	1.3457	.1570	21.5	22.9
CGLM	FE	PPB	81	22.8	9.81	43.0	3.47	10.89	20.7	25.0	21.7	1.3365	.1195	20.4	23.1
SLSN	FE	PPB	102	23.6	18.9	80.1	5.97	36.17	19.9	27.3	21.5	1.3316	.1426	20.1	22.9
LMSN	FE	PPB	86	20.0	.166E-05	.0*******		-3.00	20.0	20.0	20.0	1.3010	.0000	20.0	20.0
SHLE	FE	PPB	39	20.0	.175E-05	.0*******		-3.00	20.0	20.0	20.0	1.3010	.0000	20.0	20.0
SLTE	FE	PPB	37	20.0	.180E-05	.0*******		-3.00	20.0	20.0	20.0	1.3010	.0000	20.0	20.0
QZMZ	FE	PPB	23	20.0	.163E-05	.0*******		-3.00	20.0	20.0	20.0	1.3010	.0000	20.0	20.0
ARNT	FE	PPB	58	20.0	.202E-05	.0	0.00	-3.00	20.0	20.0	20.0	1.3010	.0000	20.0	20.0
DLMT	FE	PPB	61	20.8	5.89	28.4	7.62	56.02	19.2	22.3	20.4	1.3095	.0664	19.6	21.2

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	FE	PPB	473	20.000	20.000	20.000	20.000	20.000	20.000	56.000	79.000	136.000	262.000
CGLM	FE	PPB	81	20.000	20.000	20.000	20.000	20.000	20.000	57.000	62.000	67.000	67.000
SLSN	FE	PPB	102	20.000	20.000	20.000	20.000	20.000	20.000	55.000	144.000	154.000	154.000
LMSN	FE	PPB	86	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
SHLE	FE	PPB	39	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
SLTE	FE	PPB	37	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
QZMZ	FE	PPB	23	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
ARNT	FE	PPB	58	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
DLMT	FE	PPB	61	20.000	20.000	20.000	20.000	20.000	20.000	20.000	66.000	66.000	66.000

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	
GLAV	CA	PPM	473	21.4	14.6	68.4	1.03	1.56	20.1	22.7	16.2	1.2087	.3587	15.0	17.4
CGLM	CA	PPM	81	16.3	14.9	91.2	1.35	1.08	13.0	19.6	10.9	1.0375	.4084	8.85	13.4
SLSN	CA	PPM	102	12.0	11.1	92.9	1.88	3.70	9.80	14.2	8.40	.9245	.3712	7.10	9.94
LMSN	CA	PPM	86	32.2	11.4	35.4	-.60	.20	29.8	34.7	29.0	1.4622	.2409	25.7	32.7
SHLE	CA	PPM	39	27.5	18.3	66.6	1.36	2.79	21.5	33.4	21.9	1.3414	.3104	17.4	27.7
SLTE	CA	PPM	37	13.5	7.56	55.9	.74	.31	11.0	16.0	11.3	1.0527	.2867	9.06	14.1
QZMZ	CA	PPM	23	2.76	2.25	81.5	2.28	6.21	1.79	3.73	2.17	.3361	.3008	1.61	2.92
ARNT	CA	PPM	58	14.6	7.81	53.6	.65	-.33	12.5	16.6	12.5	1.0976	.2496	10.8	14.6
DLMT	CA	PPM	61	25.2	13.2	52.2	.92	.62	21.8	28.5	21.9	1.3411	.2373	19.1	25.2

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	CA	PPM	473	.600	9.700	17.900	31.400	35.200	41.600	47.600	55.800	65.800	101.000
CGLM	CA	PPM	81	1.000	5.800	10.200	24.600	30.500	41.400	46.200	53.600	69.200	69.200
SLSN	CA	PPM	102	.500	5.100	7.800	14.700	19.000	31.100	34.600	51.400	60.300	60.300
LMSN	CA	PPM	86	2.600	25.900	33.300	40.100	42.600	45.100	48.900	53.100	55.400	55.400
SHLE	CA	PPM	39	4.300	17.100	21.700	37.500	39.200	50.200	62.500	94.500	94.500	94.500
SLTE	CA	PPM	37	2.300	8.700	12.100	18.700	19.700	26.300	27.200	34.800	34.800	34.800
QZMZ	CA	PPM	23	.800	1.400	2.000	3.600	3.900	4.900	11.100	11.100	11.100	11.100
ARNT	CA	PPM	58	3.600	8.400	13.200	19.600	22.200	25.600	28.300	36.800	36.800	36.800
DLMT	CA	PPM	61	7.000	15.900	23.700	34.800	36.500	41.800	52.200	64.100	64.100	64.100

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	
GLAV	MG	PPM	473	5.51	4.16	75.6	1.14	1.37	5.13	5.89	3.90	.5916	.4046	3.59	4.25
CGLM	MG	PPM	81	4.45	3.89	87.4	1.88	4.70	3.59	5.31	3.12	.4944	.3877	2.56	3.80
SLSN	MG	PPM	102	3.56	3.44	96.6	3.06	14.70	2.89	4.24	2.47	.3935	.3896	2.08	2.95
LMSN	MG	PPM	86	6.70	3.84	57.3	.21	-.52	5.87	7.52	5.08	.7061	.3947	4.18	6.18
SHLE	MG	PPM	39	8.02	6.78	84.6	1.74	2.82	5.82	10.2	5.63	.7505	.4148	4.13	7.67
SLTE	MG	PPM	37	2.30	1.79	77.9	.73	-.23	1.70	2.90	1.52	.1808	.4554	1.07	2.15
QZMZ	MG	PPM	23	.252	.273	108.2	3.40	11.95	.134	.370	.189	-.7232	.3017	.140	.255
ARNT	MG	PPM	58	1.83	1.56	84.9	2.38	8.53	1.42	2.24	1.34	.1264	.3640	1.07	1.67
DLMT	MG	PPM	61	7.47	4.52	60.5	1.11	2.02	6.31	8.62	5.97	.7756	.3371	4.89	7.28

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	MG	PPM	473	.100	2.300	4.700	7.900	8.500	11.000	13.700	16.600	18.100	25.600
CGLM	MG	PPM	81	.300	1.900	3.200	6.500	7.300	9.900	12.500	14.700	22.500	22.500
SLSN	MG	PPM	102	.100	1.400	2.500	4.600	5.800	7.800	9.900	12.400	25.400	25.400
LMSN	MG	PPM	86	.200	3.300	6.500	9.100	10.100	12.100	14.300	14.300	16.400	16.400
SHLE	MG	PPM	39	.300	4.500	5.500	10.100	11.500	17.800	27.000	30.700	30.700	30.700
SLTE	MG	PPM	37	.200	.600	2.000	3.500	4.500	4.800	5.600	7.100	7.100	7.100
QZMZ	MG	PPM	23	.100	.100	.200	.300	.300	.400	1.400	1.400	1.400	1.400
ARNT	MG	PPM	58	.200	.900	1.500	2.500	2.700	3.800	4.900	9.500	9.500	9.500
DLMT	MG	PPM	61	.400	4.000	6.900	10.500	11.100	12.800	14.700	23.600	23.600	23.600

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	
GLAV	NA	PPM	473	.499	.317	63.5	1.75	3.93	.470	.528	.421	-.3757	.2513	.400	.444
CGLM	NA	PPM	81	.374	.196	52.4	1.22	1.25	.331	.417	.330	-.4813	.2189	.295	.369
SLSN	NA	PPM	102	.459	.343	74.8	1.97	4.34	.391	.526	.367	-.4349	.2870	.323	.418
LMSN	NA	PPM	86	.329	.322	98.0	6.07	45.31	.260	.398	.270	-.5693	.2495	.238	.305
SHLE	NA	PPM	39	.300	.141	47.1	1.24	1.56	.254	.346	.271	-.5668	.1997	.234	.315
SLTE	NA	PPM	37	.503	.201	39.9	.92	1.18	.436	.570	.463	-.3343	.1881	.401	.535
QZMZ	NA	PPM	23	.322	.795E-01	24.7	.16	-.44	.287	.356	.312	-.5058	.1120	.279	.349
ARNT	NA	PPM	58	.429	.180	41.9	1.37	2.41	.382	.477	.398	-.4005	.1693	.359	.441
DLMT	NA	PPM	61	.313	.836	267.0	7.16	51.19	.991E-01	.527	.185	-.7323	.3107	.154	.222

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	NA	PPM	473	.100	.300	.400	.600	.700	.900	1.100	1.400	1.600	2.200
CGLM	NA	PPM	81	.100	.200	.300	.400	.500	.700	.800	1.000	1.000	1.000
SLSN	NA	PPM	102	.100	.200	.400	.600	.600	.900	1.300	1.700	1.800	1.800
LMSN	NA	PPM	86	.100	.200	.300	.400	.400	.600	.700	.800	2.900	2.900
SHLE	NA	PPM	39	.100	.200	.300	.400	.400	.500	.700	.700	.700	.700
SLTE	NA	PPM	37	.100	.400	.500	.600	.600	.800	.900	1.100	1.100	1.100
QZMZ	NA	PPM	23	.200	.300	.300	.400	.400	.400	.500	.500	.500	.500
ARNT	NA	PPM	58	.200	.300	.400	.500	.500	.700	.800	1.100	1.100	1.100
DLMT	NA	PPM	61	.100	.100	.200	.300	.300	.300	.500	6.600	6.600	6.600

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	
GLAV	K	PPM	473	.246	.161	65.5	2.21	7.41	.231	.260	.208	-.6826	.2467	.197	.219
CGLM	K	PPM	81	.314	.223	71.3	1.88	2.95	.264	.363	.261	-.5836	.2511	.230	.296
SLSN	K	PPM	102	.235	.197	83.9	2.75	9.28	.197	.274	.189	-.7244	.2688	.167	.213
LMSN	K	PPM	86	.324	.298	91.9	2.33	5.73	.260	.388	.245	-.6111	.3070	.210	.285
SHLE	K	PPM	39	.408	.464	113.7	4.69	23.50	.258	.558	.319	-.4957	.2614	.263	.388
SLTE	K	PPM	37	.205	.193	93.9	2.21	4.13	.141	.270	.158	-.8022	.2853	.127	.196
QZMZ	K	PPM	23	.148	.150	101.7	3.82	13.88	.830E-01	.213	.122	-.9138	.2188	.981E-01	.152
ARNT	K	PPM	58	.236	.250	106.0	1.95	2.92	.170	.302	.164	-.7847	.3344	.134	.201
DLMT	K	PPM	61	.269	.244	90.7	2.68	8.00	.206	.331	.209	-.6795	.2856	.177	.248

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	K	PPM	473	.100	.100	.200	.300	.300	.400	.500	.800	.900	1.300
CGLM	K	PPM	81	.100	.200	.200	.400	.400	.700	.900	1.000	1.100	1.100
SLSN	K	PPM	102	.100	.100	.200	.200	.300	.400	.700	.900	1.300	1.300
LMSN	K	PPM	86	.100	.200	.200	.400	.400	.700	1.100	1.500	1.600	1.600
SHLE	K	PPM	39	.100	.200	.300	.400	.500	.700	1.000	3.000	3.000	3.000
SLTE	K	PPM	37	.100	.100	.100	.200	.300	.600	.700	.900	.900	.900
QZMZ	K	PPM	23	.100	.100	.100	.100	.100	.300	.800	.800	.800	.800
ARNT	K	PPM	58	.100	.100	.100	.200	.400	.600	.900	1.100	1.100	1.100
DLMT	K	PPM	61	.100	.100	.200	.300	.300	.600	.800	1.400	1.400	1.400

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	
GLAV	NO3	PPM	473	.201	.215	107.0	4.59	33.17	.182	.221	.153	-.8167	.2827	.144	.162
CGLM	NO3	PPM	81	.198	.126	63.6	1.02	-.20	.170	.226	.166	-.7809	.2533	.146	.188
SLSN	NO3	PPM	102	.160	.903E-01	56.4	1.54	2.32	.142	.178	.141	-.8498	.2062	.129	.155
LMSN	NO3	PPM	85	.267	.264	98.7	2.71	9.32	.210	.324	.195	-.7102	.3238	.166	.229
SHLE	NO3	PPM	39	.257	.220	85.6	1.59	2.25	.186	.328	.191	-.7179	.3252	.150	.244
SLTE	NO3	PPM	37	.306	.617	201.6	3.76	12.81	.100	.512	.161	-.7935	.3805	.120	.215
QZMZ	NO3	PPM	23	.132	.766E-01	58.1	2.27	3.90	.987E-01	.165	.119	-.9238	.1757	.100	.142
ARNT	NO3	PPM	58	.166	.228	138.0	5.21	28.53	.106	.226	.127	-.8966	.2408	.110	.147
DLMT	NO3	PPM	61	.204	.209	102.6	4.19	22.33	.151	.258	.158	-.8001	.2751	.135	.186

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	NO3	PPM	473	.100	.100	.100	.240	.280	.430	.580	.840	1.090	2.370
CGLM	NO3	PPM	81	.100	.100	.100	.280	.310	.440	.460	.500	.500	.500
SLSN	NO3	PPM	102	.100	.100	.100	.200	.250	.280	.330	.450	.530	.530
LMSN	NO3	PPM	85	.100	.100	.200	.350	.390	.530	.970	1.010	1.670	1.670
SHLE	NO3	PPM	39	.100	.100	.100	.400	.400	.560	.830	1.000	1.000	1.000
SLTE	NO3	PPM	37	.100	.100	.100	.270	.300	.420	2.600	3.000	3.000	3.000
QZMZ	NO3	PPM	23	.100	.100	.100	.100	.100	.310	.380	.380	.380	.380
ARNT	NO3	PPM	58	.100	.100	.100	.100	.200	.240	.350	1.620	1.620	1.620
DLMT	NO3	PPM	61	.100	.100	.100	.260	.300	.410	.520	1.500	1.500	1.500

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	
GLAV	P04	PPM	473	.103	.274E-01	26.7	12.70	180.04	.100	.105	.102	-.9935	.0550	.100	.103
CGLM	P04	PPM	81	.100E+00	.149E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100
SLSN	P04	PPM	102	.100	.495E-02	4.9	9.95	97.01	.995E-01	.101	.100	-.9983	.0174	.996E-01	.101
LMSN	P04	PPM	85	.138	.353	255.0	9.06	80.01	.622E-01	.214	.104	-.9821	.1654	.960E-01	.113
SHLE	P04	PPM	39	.109	.330E-01	30.4	4.62	21.93	.980E-01	.119	.106	-.9748	.0868	.993E-01	.113
SLTE	P04	PPM	37	.100E+00	.272E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100
QZMZ	P04	PPM	23	.100E+00	.254E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100
ARNT	P04	PPM	58	.100E+00	.262E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100
DLMT	P04	PPM	61	.100E+00	.255E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	P04	PPM	473	.100	.100	.100	.100	.100	.100	.100	.110	.200	.550
CGLM	P04	PPM	81	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
SLSN	P04	PPM	102	.100	.100	.100	.100	.100	.100	.100	.100	.150	.150
LMSN	P04	PPM	85	.100	.100	.100	.100	.100	.100	.100	.100	3.350	3.350
SHLE	P04	PPM	39	.100	.100	.100	.100	.100	.130	.170	.290	.290	.290
SLTE	P04	PPM	37	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
QZMZ	P04	PPM	23	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
ARNT	P04	PPM	58	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
DLMT	P04	PPM	61	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100

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	
GLAV	SO4	PPM	473	26.5	26.1	98.4	4.50	36.57	24.2	28.9	18.8	1.2742	.3827	17.4	20.4
CGLM	SO4	PPM	81	35.4	31.7	89.6	2.07	4.76	28.4	42.4	25.6	1.4082	.3559	21.4	30.7
SLSN	SO4	PPM	102	31.2	31.1	99.5	3.48	16.48	25.1	37.3	21.9	1.3405	.4028	18.3	26.3
LMSN	SO4	PPM	85	27.7	26.8	97.0	1.87	3.90	21.9	33.5	17.7	1.2470	.4608	14.0	22.2
SHLE	SO4	PPM	39	45.5	40.5	88.9	1.67	2.15	32.4	58.6	32.8	1.5152	.3589	25.1	42.8
SLTE	SO4	PPM	37	15.3	13.4	87.7	1.78	3.37	10.8	19.7	11.1	1.0436	.3526	8.44	14.5
QZMZ	SO4	PPM	23	2.78	3.59	129.3	2.39	5.34	1.23	4.33	1.52	.1815	.4910	.933	2.47
ARNT	SO4	PPM	58	17.6	20.0	113.2	3.86	18.51	12.4	22.9	12.4	1.0925	.3533	9.99	15.3
DLMT	SO4	PPM	61	21.1	23.8	112.9	2.05	4.06	15.0	27.2	12.6	1.0996	.4475	9.66	16.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	SO4	PPM	473	.200	11.000	19.900	34.300	38.600	50.200	68.500	106.200	119.200	315.800
CGLM	SO4	PPM	81	3.200	14.700	25.500	41.700	47.500	83.800	100.000	133.200	174.700	174.700
SLSN	SO4	PPM	102	.200	13.900	23.900	35.300	40.200	61.400	85.600	143.000	228.300	228.300
LMSN	SO4	PPM	85	.200	9.900	17.100	37.100	44.200	66.300	89.000	111.800	144.000	144.000
SHLE	SO4	PPM	39	5.600	20.200	32.800	64.100	67.500	104.700	160.200	166.000	166.000	166.000
SLTE	SO4	PPM	37	2.900	6.300	9.600	22.200	22.700	32.500	47.900	63.700	63.700	63.700
QZMZ	SO4	PPM	23	.200	.800	1.100	3.300	4.200	10.500	15.400	15.400	15.400	15.400
ARNT	SO4	PPM	58	1.400	6.700	12.100	19.100	22.700	32.700	49.900	133.800	133.800	133.800
DLMT	SO4	PPM	61	1.000	5.400	12.000	32.400	35.400	50.400	93.700	111.200	111.200	111.200

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	
GLAV	CL	PPM	473	.121	.134	110.5	7.14	88.17	.109	.134	.903E-01	-1.0444	.3076	.847E-01	.963E-01
CGLM	CL	PPM	81	.862E-01	.531E-01	61.7	1.29	.94	.744E-01	.979E-01	.738E-01	-1.1318	.2311	.656E-01	.831E-01
SLSN	CL	PPM	102	.667E-01	.445E-01	66.7	3.44	14.23	.579E-01	.754E-01	.595E-01	-1.2258	.1788	.548E-01	.645E-01
LMSN	CL	PPM	85	.127	.883E-01	69.5	.89	-.16	.108	.146	.100	-.9994	.3021	.862E-01	.116
SHLE	CL	PPM	39	.941E-01	.670E-01	71.2	2.23	6.49	.724E-01	.116	.787E-01	-1.1038	.2469	.655E-01	.947E-01
SLTE	CL	PPM	37	.900E-01	.784E-01	87.1	2.02	3.37	.639E-01	.116	.711E-01	-1.1482	.2693	.578E-01	.874E-01
QZMZ	CL	PPM	23	.583E-01	.229E-01	39.3	2.64	5.79	.484E-01	.681E-01	.555E-01	-1.2554	.1231	.491E-01	.628E-01
ARNT	CL	PPM	58	.974E-01	.834E-01	85.6	2.47	7.00	.755E-01	.119	.774E-01	-1.1111	.2697	.658E-01	.912E-01
DLMT	CL	PPM	61	.103	.131	126.8	5.11	30.93	.699E-01	.137	.761E-01	-1.1188	.2907	.641E-01	.903E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	CL	PPM	473	.050	.050	.050	.160	.180	.260	.300	.430	.500	2.030
CGLM	CL	PPM	81	.050	.050	.050	.130	.140	.170	.180	.240	.270	.270
SLSN	CL	PPM	102	.050	.050	.050	.050	.050	.120	.170	.200	.340	.340
LMSN	CL	PPM	85	.050	.050	.110	.200	.210	.260	.330	.350	.370	.370
SHLE	CL	PPM	39	.050	.050	.050	.120	.140	.180	.200	.380	.380	.380
SLTE	CL	PPM	37	.050	.050	.050	.120	.160	.240	.270	.370	.370	.370
QZMZ	CL	PPM	23	.050	.050	.050	.050	.050	.100	.140	.140	.140	.140
ARNT	CL	PPM	58	.050	.050	.050	.120	.130	.170	.280	.480	.480	.480
DLMT	CL	PPM	61	.050	.050	.050	.140	.140	.230	.260	.980	.980	.980

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	
GLAV	PH	PPM	473	7.77	.897	11.5	-2.20	4.90	7.69	7.85	7.71	.8868	.0593	7.61	7.80
CGLM	PH	PPM	81	6.79	1.45	21.3	-.56	-1.14	6.47	7.11	6.62	.8207	.1017	6.28	6.97
SLSN	PH	PPM	102	6.74	1.39	20.6	-.84	-.47	6.47	7.01	6.57	.8179	.1022	6.28	6.89
LMSN	PH	PPM	85	8.21	.550	6.7	-4.36	23.85	8.09	8.33	8.19	.9133	.0353	8.05	8.33
SHLE	PH	PPM	39	7.94	.688	8.7	-2.56	8.57	7.72	8.17	7.91	.8981	.0435	7.66	8.17
SLTE	PH	PPM	37	7.69	.555	7.2	-1.84	3.70	7.50	7.87	7.66	.8844	.0339	7.47	7.87
QZMZ	PH	PPM	23	6.93	.374	5.4	.20	-.35	6.76	7.09	6.92	.8399	.0234	6.76	7.08
ARNT	PH	PPM	58	7.58	.773	10.2	-2.63	7.13	7.38	7.78	7.53	.8769	.0525	7.30	7.77
DLMT	PH	PPM	61	8.19	.280	3.4	-1.49	1.84	8.12	8.26	8.19	.9131	.0153	8.11	8.26

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	PH	PPM	473	3.800	7.550	8.040	8.330	8.380	8.480	8.540	8.610	8.630	8.650
CGLM	PH	PPM	81	3.790	5.170	7.160	8.040	8.210	8.370	8.510	8.520	8.530	8.530
SLSN	PH	PPM	102	3.410	5.790	7.070	7.830	8.060	8.230	8.330	8.370	8.530	8.530
LMSN	PH	PPM	85	4.500	8.220	8.390	8.460	8.460	8.520	8.530	8.580	8.680	8.680
SHLE	PH	PPM	39	4.860	7.810	8.120	8.400	8.430	8.550	8.620	8.640	8.640	8.640
SLTE	PH	PPM	37	5.630	7.660	7.860	8.020	8.090	8.130	8.220	8.440	8.440	8.440
QZMZ	PH	PPM	23	6.180	6.750	6.810	7.270	7.290	7.380	7.770	7.770	7.770	7.770
ARNT	PH	PPM	58	4.480	7.410	7.830	8.020	8.040	8.140	8.200	8.260	8.260	8.260
DLMT	PH	PPM	61	7.270	8.090	8.290	8.390	8.410	8.450	8.470	8.510	8.510	8.510

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	
GLAV	T-ALK	PPM	473	54.4	44.1	81.2	.65	-.44	50.4	58.3	29.7	1.4724	.6113	26.1	33.7
CGLM	T-ALK	PPM	81	28.3	39.1	138.1	1.38	.47	19.7	37.0	7.81	.8928	.7810	5.25	11.6
SLSN	T-ALK	PPM	102	20.5	30.5	148.9	2.07	4.65	14.5	26.5	6.40	.8063	.7034	4.66	8.80
LMSN	T-ALK	PPM	85	89.7	38.4	42.8	-.33	.76	81.4	98.0	72.1	1.8580	.3993	59.1	87.9
SHLE	T-ALK	PPM	39	61.8	48.2	78.0	.84	.17	46.2	77.4	37.9	1.5785	.5507	25.1	57.1
SLTE	T-ALK	PPM	37	30.1	20.2	67.0	.78	1.18	23.4	36.8	20.5	1.3126	.4843	14.2	29.8
QZMZ	T-ALK	PPM	23	4.99	4.68	93.8	1.79	3.68	2.97	7.01	3.38	.5286	.4018	2.27	5.03
ARNT	T-ALK	PPM	58	27.5	18.8	68.5	.44	-.63	22.5	32.4	18.3	1.2627	.4947	13.6	24.7
DLMT	T-ALK	PPM	61	77.3	38.4	49.7	.43	.68	67.4	87.1	65.0	1.8132	.2941	54.7	77.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	T-ALK	PPM	473	1.000	12.800	46.600	86.800	95.400	118.700	134.300	156.800	165.100	193.200
CGLM	T-ALK	PPM	81	1.000	1.000	7.900	39.300	75.900	105.300	122.200	123.300	125.300	125.300
SLSN	T-ALK	PPM	102	1.000	1.000	5.000	26.700	45.400	71.000	80.500	132.300	160.800	160.800
LMSN	T-ALK	PPM	85	1.000	71.400	93.300	110.800	113.500	126.200	153.000	184.300	198.600	198.600
SHLE	T-ALK	PPM	39	1.000	25.600	50.300	89.800	101.800	129.100	163.900	195.300	195.300	195.300
SLTE	T-ALK	PPM	37	1.000	18.400	30.600	38.700	46.900	53.800	66.800	94.100	94.100	94.100
QZMZ	T-ALK	PPM	23	1.000	2.300	3.200	8.500	8.700	10.300	20.900	20.900	20.900	20.900
ARNT	T-ALK	PPM	58	1.000	11.000	27.400	39.200	45.600	58.700	60.900	75.500	75.500	75.500
DLMT	T-ALK	PPM	61	7.500	53.100	76.900	100.600	102.300	122.100	159.700	195.100	195.100	195.100

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	811002	GLAV	5	*					+							*		
105I	811011	GLAV	4												+	**		
105I	811012	GLAV	8									*			*	***		
105I	811014	GLAV	17	***					***	*		+			***			*
105I	811015	GLAV	7	**					*						*			
105I	811016	GLAV	4	+	+							+			+			
105I	811020	SLSN	10	*					*							***		*
105I	811022	GLAV	9	*					*			*				*		+
105I	811023	LMSN	4		+										+	*		
105I	811025	GLAV	7	*								+	*		*			
105I	811034	CGLM	7			+		***								*		
105I	811037	GLAV	11	*	+	*			*			*			+	+		
105I	811038	GLAV	8	+		+			*	+					+	+		+
105I	811049	GLAV	5		*		*						+					
105I	811051	GLAV	5		*		*						+					
105I	811052	GLAV	20	*	***				***	+	**	+			*			**
105I	811053	GLAV	11	+					**	*		+						***
105I	811056	GLAV	14	+					**	**		+					*	***
105I	811066	SLSN	4										**			+		
105I	811069	CGLM	7		+	+	+	+				**						
105I	811076	GLAV	4				***											
105I	811078	GLAV	21		*	***	***			*		*	**		***			
105I	811082	GLAV	12		+	+	*			+		+	*		***			
105I	811091	GLAV	4			+	+					*						
105I	811093	GLAV	7	+	*	*				+		+						
105I	811094	GLAV	8	+	*	*				+		*						
105I	811100	GLAV	5		*					*		+						
105I	811107	GLAV	4	+	*			+										
105I	811117	SHLE	4			***												
105I	811118	GLAV	7			+	***					*						
105I	811119	GLAV	13	*	+	*				**		+			+		*	+
105I	811131	GLAV	6		+			+						***				
105I	811132	GLAV	5		+									***				
105I	811134	SHLE	12		*								***	***		*		
105I	811135	GLAV	5		+									***				
105I	811137	GLAV	6	+	+			+		+		+	+					
105I	811147	GLAV	4	+	+			*										
105I	811149	GLAV	11	*	+				+	***					+		+	+
105I	811151	GLAV	14	*	+	+			+	**		*			*		+	+
105I	811156	GLAV	7		+		*					*				*		
105I	811158	CGLM	9						+	***					*		+	+
105I	811163	GLAV	4			*	+								+			
105I	811169	SHLE	5		+						+			*				+
105I	811171	GLAV	10		*							*	*	***				
105I	811172	GLAV	7		+					*			+		*	+		
105I	811175	GLAV	8							+		+	*		*	*		
105I	811176	SLTE	4													***		
105I	811178	LMSN	4								*					*		
105I	811180	GLAV	4								***							
105I	811182	GLAV	7	+					+	+	+				*	+		

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	811187	SLTE	4								***							
105I	811190	GLAV	4						+				*					+
105I	811191	GLAV	4													***		
105I	811197	SLTE	18	+	+				***	***							***	***
105I	811203	GLAV	6	+					+	*					*			
105I	811207	GLAV	11	*		+			+	*							*	**
105I	811208	GLAV	11	*	*					+		+	**				+	+
105I	811219	GLAV	6						+								**	*
105I	811232	GLAV	13	**	*	*				+		*	*				+	
105I	811233	GLAV	11	+	***	**				*					+			
105I	811235	GLAV	15		**	***						*	***			*		
105I	811236	GLAV	10		**	*						+	*			*		
105I	811237	GLAV	8					***					*			*		
105I	811238	GLAV	12	+	*					**			*		+	*	+	
105I	811239	GLAV	5		+			+					+			*		
105I	811240	GLAV	6		*					+			+			*		
105I	811242	GLAV	16	+	***	***				+		+	**			*		
105I	811243	GLAV	8		*			*								***		
105I	811244	GLAV	18	***	*	+			+	***		+	+		+	+		*
105I	811245	GLAV	5	*		+										*		
105I	811269	GLAV	4						+								*	+
105I	811270	GLAV	5						+								**	+
105I	811271	LMSN	8						*								***	*
105I	811292	GLAV	4										***					
105I	811328	GLAV	6				*					*	*					
105I	811330	CGLM	4													***		
105I	811349	GLAV	5								*		**					
105I	811359	SLSN	20	*	*	***	**	***		+		+			*	+		
105I	811363	SLSN	4			+	*								+			
105I	811368	SLSN	12	**		**	+	**							*			
105I	811374	QZMZ	5							+	***							
105I	811376	GLAV	4								***							
105I	811380	QZMZ	4										***					
105I	811389	QZMZ	5		***											+		
105I	811398	GLAV	5					*			**							
105I	811399	GLAV	6					***			*							
105I	811400	GLAV	6					**			**							
105I	811402	GLAV	4					***										
105I	811404	GLAV	4					*			*							
105I	811405	GLAV	4				+				**							
105I	811409	GLAV	6					***			*							
105I	811411	GLAV	4					*			*							
105I	811418	SLSN	7						*	+							**	+
105I	811420	GLAV	7			+	**				+	*						
105I	811422	GLAV	6			+	*	+				*						
105I	811424	GLAV	7			*	*					*			+			
105I	811432	SLSN	4											***				
105I	811437	SLSN	6	+		*		*							+			
105I	811444	SLSN	17		+	*	***		+	***			+		***			
105I	811446	SLSN	4		+	+	+								+			

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	811450	SLSN	5							**					*			
105I	811457	GLAV	8								***		***					
105I	811460	GLAV	9			+		+			**					***		
105I	811463	GLAV	7					*			***	+						
105I	811465	GLAV	4								***							
105I	811470	GLAV	4							+	+				*			
105I	811477	GLAV	4		+									**				
105I	811491	GLAV	4								+			**				
105I	811518	GLAV	7	*						***							+	
105I	811530	GLAV	4									***						
105I	811531	GLAV	4									***						
105I	811533	SLTE	4	+					+								+	+
105I	811535	ARNT	8						*			*				*	+	+
105I	811549	ARNT	4							+					*	+		
105I	811554	ARNT	8		+	+	+				*				+	*		
105I	811556	ARNT	7	*							+					***		
105I	811558	GLAV	4													***		
105I	811563	ARNT	12	+					+	*	***						*	*
105I	811566	ARNT	4							+	*						+	
105I	811573	SHLE	5	+												***		
105I	811575	LMSN	7								**				+	**		
105I	811609	ARNT	4										***					
105I	811615	GLAV	13	**					***						**	+	+	+
105I	811620	GLAV	6									+	***			+		
105I	811631	GLAV	4						+								*	+
105I	811632	GLAV	4						+								*	+
105I	811637	CGLM	10						+							**	**	**
105I	811644	GLAV	5														**	*
105I	811650	LMSN	11						***	+			**		**			
105I	811651	DLMT	4	***														
105I	811654	LMSN	8										***	***				
105I	811655	GLAV	11						*				+	***			*	*
105I	811656	GLAV	15	+					*			+		**			***	***
105I	811658	GLAV	6	***								+	+					
105I	811667	QZMZ	4	+					+								+	+
105I	811668	QZMZ	14						***	+					+		***	***
105I	811677	GLAV	10						*			***					*	*
105I	811678	GLAV	5						+								*	*
105I	811684	DLMT	4										***					
105I	811690	DLMT	4						+						+		*	
105I	811691	DLMT	6	+									+				***	
105I	811693	GLAV	4														*	*
105I	811694	GLAV	6						+				+				*	*
105I	811698	GLAV	11						*		*						***	**
105I	811699	GLAV	4														*	*
105I	811700	CGLM	13	+					*				+			+	***	***
105I	811705	CGLM	11							+	*		***				*	*
105I	811707	CGLM	7										***			+	+	+
105I	811708	CGLM	8						+		*		+				*	*
105I	811709	GLAV	5	+						+	*						+	

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	811711	LMSN	5	***		+												
105I	811712	LMSN	4	*											*			
105I	811713	GLAV	4						+	+							+	+
105I	811714	LMSN	21	*	***	***	***					+	*		***			
105I	811715	GLAV	18	+	+	***	*		+	+			***		**	+		
105I	811716	DLMT	10			***				+							***	+
105I	811717	LMSN	10	**		+			+	**						+	+	
105I	811719	LMSN	5	+		+	+		+				+					
105I	811723	LMSN	7			**										***		
105I	811726	SLSN	4							+						*	+	
105I	811732	GLAV	5			**		+			+							
105I	811733	GLAV	4					**			+							
105I	811736	GLAV	11						*	*	**	+			**			
105I	811743	GLAV	6			*	**	+										
105I	811748	QZMZ	8			***										***		
105I	811749	GLAV	4			*	+	+										
105I	811750	QZMZ	6	***		+				+								
105I	811751	QZMZ	8							***					***			
105I	811754	GLAV	8			*	**	+							*			
105I	811755	GLAV	4										*			*		
105I	811758	GLAV	9	+		**			*								*	+
105I	811760	GLAV	17	**					**			+				*	***	***
105I	811762	DLMT	4			*										*		
105I	811763	LMSN	5						*								*	+
105I	811764	SLSN	7						+	*							*	*
105I	811776	CGLM	4								***							
105I	811778	CGLM	12		+	*	**	**		+					*			
105I	811780	CGLM	14		*	***	*	**		**								
105I	811783	GLAV	4					***										
105I	811790	CGLM	10	+		**	+	+					+		**			
105I	811791	CGLM	5		*	*							+					
105I	811799	GLAV	13	*					***						+		***	*
105I	811816	SLSN	4													*	+	+
105I	811817	SLSN	7						+	*						*	+	+
105I	811819	GLAV	10	*					*			*	*		+	+		
105I	811825	GLAV	12				**			+		*				***	+	+
105I	811826	DLMT	4										*			+	+	
105I	811833	DLMT	10		+				*	*					*		*	+
105I	811835	CGLM	14	***					*	*	***				+		+	
105I	811839	GLAV	22		***				+	***	**	***			**	**		
105I	811842	GLAV	16	+	***				*	*		*				+	*	*
105I	811843	DLMT	4				***											
105I	811855	DLMT	8								***					***		
105I	811856	DLMT	6								*							***
105I	811858	DLMT	7						+	*							*	*
105I	811869	LMSN	19						**	***	***		+				**	***
105I	811872	DLMT	5	+		+			+	+								+
105I	811879	DLMT	4					***										
105I	811889	GLAV	23		**	***	***		*	**			**		***			
105I	811890	GLAV	14		+				***	***		+			***			

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	811892	SLTE	12		***	*	***						+		+			
105I	811893	SLTE	11		*	+					*		***		*			
105I	811895	SLTE	8		+					+	*				***			
105I	811898	LMSN	6	+						**					*			
105I	811899	DLMT	11		***	+			***						*			
105I	811900	DLMT	4		+							*			+			
105I	811902	DLMT	20	*	***				*	***		*			***			*
105I	811903	LMSN	6						+	**			+		+			
105I	811908	LMSN	4	+	+								*					
105I	811909	DLMT	4		+		*						+					
105I	811913	LMSN	8	+	**				+			**						
105I	811914	SHLE	17	+	***					***	+	***	*		+			
105I	811915	DLMT	4									***						
105I	811916	SLSN	7	*								***					+	
105I	811919	LMSN	6			+	**					+			+			
105I	811920	SHLE	12				*		+		***	*	+		*			
105I	811922	GLAV	7			*	*					+	+		+			
105I	811926	DLMT	5		*						*	+						
105I	811940	SHLE	11						+		***						***	*
105I	811942	SLSN	4	+							*	+						
105I	811943	SHLE	4				***											
105I	811948	SLSN	6	*					+			+					+	+
105I	811951	CGLM	4	**								+						
105I	811955	GLAV	6						*			*			*			
105I	811956	CGLM	4						**						+			
105I	811960	CGLM	14	+	**				***	*					***			
105I	811968	GLAV	9		+	+	***	+				*						
105I	811969	CGLM	5				***								+			
105I	811971	CGLM	11	*	***		*					**						
105I	811972	CGLM	8		+						*	***			+			
105I	813003	SLSN	4		+						*		+					
105I	813004	SLSN	7		**		+				**							
105I	813006	SLSN	6		**		*				+							
105I	813010	GLAV	8						**								**	*
105I	813012	LMSN	6							+	**							*
105I	813013	GLAV	5						*								*	+
105I	813017	GLAV	14	***	**					*		**			*			
105I	813030	LMSN	4									***						
105I	813049	SLSN	9							+			***				*	*
105I	813055	GLAV	5							+							*	*
105I	813056	GLAV	10	+						+			+				***	**
105I	813073	QZMZ	4									***						
105I	813088	GLAV	15	***					+			*	+		+		*	***
105I	813100	GLAV	4								*	*						
105I	813106	ARNT	4			+	*								+			
105I	813108	ARNT	9		*	*	*			+					*			
105I	813109	ARNT	21		*	***	***			***	+		*		***			
105I	813115	SLTE	7	***					+						+			+
105I	813117	SLTE	4			***												
105I	813120	ARNT	10	***					*				+				*	+

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 15
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	U	F	ZN	MN	FE	CA	MG	NA	K	NO3	PO4	SO4	CL	PH	T-AL
105I	813130	GLAV	5	+								**	+					
105I	813133	SLTE	9						*			+	*				*	*
105I	813146	GLAV	4									***						
105I	813151	SLSN	23	***					***	*	***				**		*	***
105I	813152	SLSN	13	+					**				*				***	**
105I	813155	ARNT	21	*	***				***			+	*				***	***
105I	813156	SLSN	6		+				*			*						+
105I	813157	SLSN	4						+			**						
105I	813162	SLTE	5									***	+					
105I	813164	ARNT	5		+				+			*						+
105I	813165	ARNT	8	+					*		+	***						
105I	813169	SLSN	5									*				**		
105I	813171	SLSN	5		***											+		
105I	813174	SHLE	7	*					*	+							+	+
105I	813175	SHLE	21	***					***	*		+			***		*	***

VARIABLE NAME: ZN . UNIT OF MEASUREMENT: PPM . DATA SUBSET: TOTAL

HISTOGRAM

		N	%	CUM %
1 PPM	I	2	.20	.20
2 PPM				
5 PPM				
10 PPM				
20 PPM	I	1	.10	.30
50 PPM	XX	38	3.86	4.17
100 PPM	XXXXXXXX	157	15.96	20.12
200 PPM	XXXXXXXXXXXXXXXXXX	358	36.38	56.50
500 PPM	XXXXXXXXXXX	211	21.44	77.95
1000 PPM	XXXXXX	116	11.79	89.74
2000 PPM	XXX	68	6.91	96.65
5000 PPM	XX	31	3.15	99.80
1 PCT	I	1	.10	99.90
2 PCT	I	1	.10	100.00
5 PCT				
10 PCT				
20 PCT				
50 PCT				

0 20 40 60 80 100

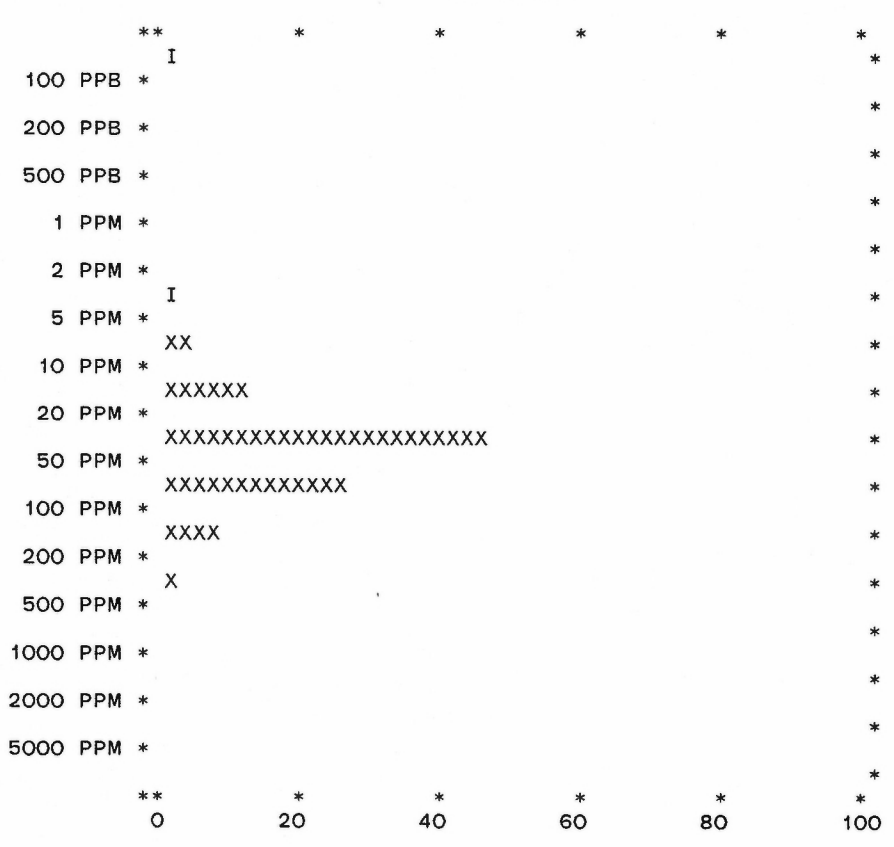
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	437.9481
VARIANCE	**********
STANDARD DEVIATION	745.4249
SKEW	6.0997
EXCESS KURTOSIS	66.4036
COEFFICIENT OF VARIATION, %	170.2085
STANDARD ERROR OF THE MEAN	23.7875
LOWER 95% LIMIT ON THE MEAN	391.2749
UPPER 95% LIMIT ON THE MEAN	484.6212
LOWER 95% LIMIT ON THE RANGE	-1024.6428
UPPER 95% LIMIT ON THE RANGE	1900.5389
GEOMETRIC MEAN	229.8771
LOG10 MEAN	2.3615
LOG10 VARIANCE	.2020
LOG10 STANDARD DEVIATION	.4494
STANDARD ERROR ON THE MEAN	.0143
LOWER 95% LIMIT ON THE MEAN	215.4551
UPPER 95% LIMIT ON THE MEAN	245.2644
LOWER 95% LIMIT ON THE RANGE	30.1795
UPPER 95% LIMIT ON THE RANGE	1750.9727
MINIMUM VALUE	20.0000
25TH PERCENTILE OR 1ST QUARTILE	112.0000
50TH PERCENTILE OR MEDIAN	180.0000
75TH PERCENTILE OR 3RD QUARTILE	430.0000
80TH PERCENTILE	570.0000
90TH PERCENTILE	1050.0000
95TH PERCENTILE	1700.0000
98TH PERCENTILE	2810.0000
99TH PERCENTILE	3600.0000
MAXIMUM VALUE	12000.0000

VARIABLE NAME: CU | UNIT OF MEASUREMENT: PPM | DATA SUBSET: TOTAL

HISTOGRAM



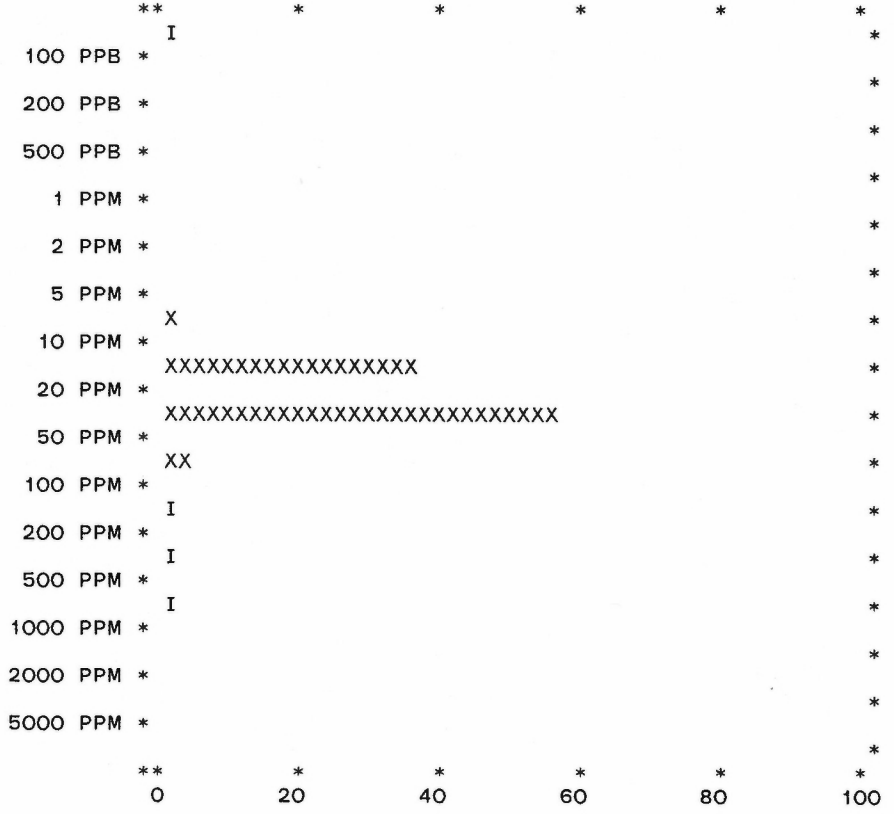
	N	%	CUM %
*			
*	2	.20	.20
*			
*			
*			
*			
*			
*	7	.71	.91
*	41	4.17	5.08
*	124	12.60	17.68
*	454	46.14	63.82
*	255	25.91	89.74
*	83	8.43	98.17
*	18	1.83	100.00
*			
*			
*			
*			
*			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	52.1752
VARIANCE	2122.4627
STANDARD DEVIATION	46.0702
SKEW	3.1930
EXCESS KURTOSIS	16.4052
COEFFICIENT OF VARIATION, %	88.2991
STANDARD ERROR OF THE MEAN	1.4702
LOWER 95% LIMIT ON THE MEAN	49.2906
UPPER 95% LIMIT ON THE MEAN	55.0597
LOWER 95% LIMIT ON THE RANGE	-38.2187
UPPER 95% LIMIT ON THE RANGE	142.5690
GEOMETRIC MEAN	39.3361
LOG10 MEAN	1.5948
LOG10 VARIANCE	.1072
LOG10 STANDARD DEVIATION	.3275
STANDARD ERROR ON THE MEAN	.0105
LOWER 95% LIMIT ON THE MEAN	37.5220
UPPER 95% LIMIT ON THE MEAN	41.2378
LOWER 95% LIMIT ON THE RANGE	8.9585
UPPER 95% LIMIT ON THE RANGE	172.7210
MINIMUM VALUE	4.0000
25TH PERCENTILE OR 1ST QUARTILE	25.0000
50TH PERCENTILE OR MEDIAN	40.0000
75TH PERCENTILE OR 3RD QUARTILE	66.0000
80TH PERCENTILE	72.0000
90TH PERCENTILE	102.0000
95TH PERCENTILE	131.0000
98TH PERCENTILE	200.0000
99TH PERCENTILE	250.0000
MAXIMUM VALUE	470.0000

VARIABLE NAME: PB
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



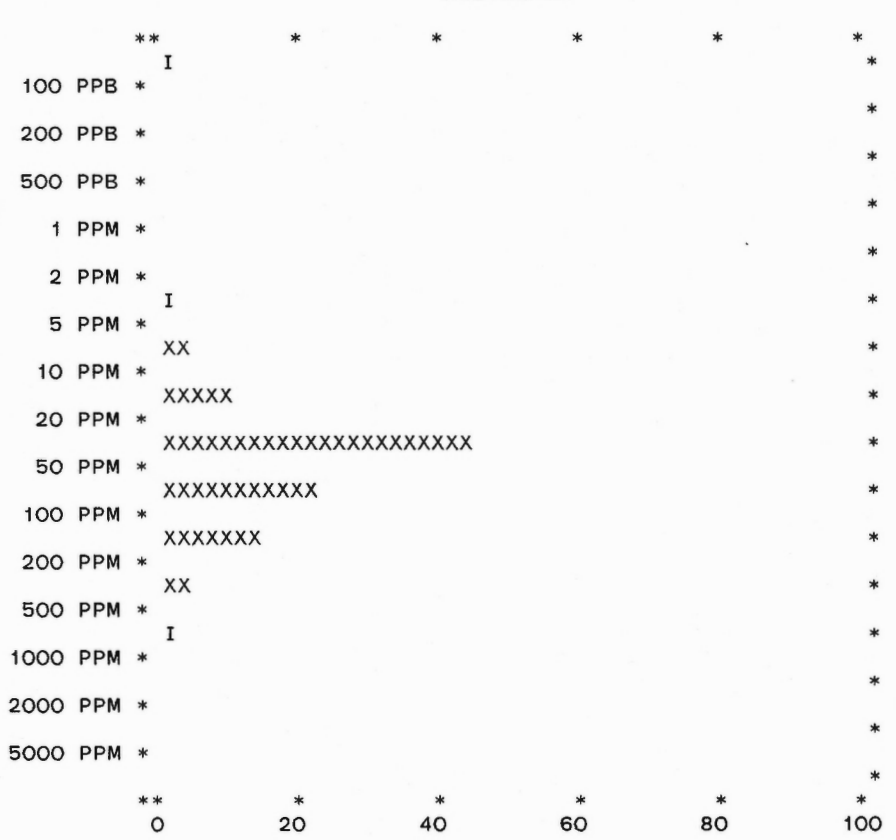
	N	%	CUM %
*	2	.20	.20
*	17	1.73	1.93
*	362	36.79	38.72
*	550	55.89	94.61
*	39	3.96	98.58
*	5	.51	99.09
*	4	.41	99.49
*	5	.51	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	31.9114
VARIANCE	3228.9351
STANDARD DEVIATION	56.8237
SKEW	10.7644
EXCESS KURTOSIS	131.0545
COEFFICIENT OF VARIATION, %	178.0671
STANDARD ERROR OF THE MEAN	1.8133
LOWER 95% LIMIT ON THE MEAN	28.3535
UPPER 95% LIMIT ON THE MEAN	35.4693
LOWER 95% LIMIT ON THE RANGE	-79.5818
UPPER 95% LIMIT ON THE RANGE	143.4047
GEOMETRIC MEAN	24.9752
LOG10 MEAN	1.3975
LOG10 VARIANCE	.0517
LOG10 STANDARD DEVIATION	.2273
STANDARD ERROR ON THE MEAN	.0073
LOWER 95% LIMIT ON THE MEAN	24.1700
UPPER 95% LIMIT ON THE MEAN	25.8073
LOWER 95% LIMIT ON THE RANGE	8.9434
UPPER 95% LIMIT ON THE RANGE	69.7453
MINIMUM VALUE	7.0000
25TH PERCENTILE OR 1ST QUARTILE	18.0000
50TH PERCENTILE OR MEDIAN	24.0000
75TH PERCENTILE OR 3RD QUARTILE	32.0000
80TH PERCENTILE	35.0000
90TH PERCENTILE	42.0000
95TH PERCENTILE	52.0000
98TH PERCENTILE	80.0000
99TH PERCENTILE	176.0000
MAXIMUM VALUE	920.0000

VARIABLE NAME: NI
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM

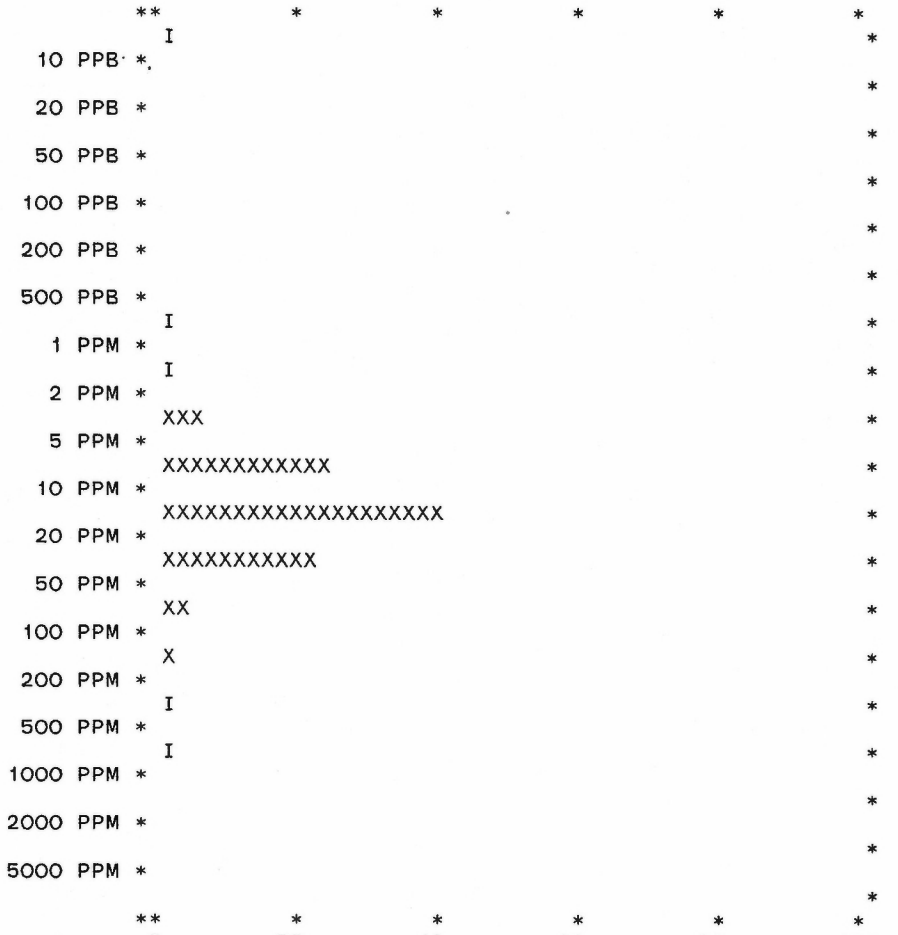


SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	68.8075
VARIANCE	6211.1892
STANDARD DEVIATION	78.8111
SKEW	3.3871
EXCESS KURTOSIS	15.4602
COEFFICIENT OF VARIATION, %	114.5385
STANDARD ERROR OF THE MEAN	2.5150
LOWER 95% LIMIT ON THE MEAN	63.8730
UPPER 95% LIMIT ON THE MEAN	73.7421
LOWER 95% LIMIT ON THE RANGE	-85.8269
UPPER 95% LIMIT ON THE RANGE	223.4420
GEOMETRIC MEAN	46.1917
LOG10 MEAN	1.6646
LOG10 VARIANCE	.1382
LOG10 STANDARD DEVIATION	.3718
STANDARD ERROR ON THE MEAN	.0119
LOWER 95% LIMIT ON THE MEAN	43.7809
UPPER 95% LIMIT ON THE MEAN	48.7353
LOWER 95% LIMIT ON THE RANGE	8.6110
UPPER 95% LIMIT ON THE RANGE	247.7846
MINIMUM VALUE	4.0000
25TH PERCENTILE OR 1ST QUARTILE	26.0000
50TH PERCENTILE OR MEDIAN	42.0000
75TH PERCENTILE OR 3RD QUARTILE	79.0000
80TH PERCENTILE	96.0000
90TH PERCENTILE	148.0000
95TH PERCENTILE	214.0000
98TH PERCENTILE	340.0000
99TH PERCENTILE	400.0000
MAXIMUM VALUE	745.0000

VARIABLE NAME: CO
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
10 PPB	2	.20	.20
20 PPB			
50 PPB			
100 PPB			
200 PPB			
500 PPB			
1 PPM	5	.51	.71
2 PPM	7	.71	1.42
5 PPM	66	6.71	8.13
10 PPM	241	24.49	32.62
20 PPM	391	39.74	72.36
50 PPM	213	21.65	94.00
100 PPM	45	4.57	98.58
200 PPM	11	1.12	99.70
500 PPM	2	.20	99.90
1000 PPM	1	.10	100.00
2000 PPM			
5000 PPM			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	20.4542
VARIANCE	729.0779
STANDARD DEVIATION	27.0014
SKEW	9.7444
EXCESS KURTOSIS	158.9949
COEFFICIENT OF VARIATION, %	132.0094
STANDARD ERROR OF THE MEAN	.8617
LOWER 95% LIMIT ON THE MEAN	18.7635
UPPER 95% LIMIT ON THE MEAN	22.1448
LOWER 95% LIMIT ON THE RANGE	-32.5251
UPPER 95% LIMIT ON THE RANGE	73.4334
GEOMETRIC MEAN	14.7432
LOG10 MEAN	1.1686
LOG10 VARIANCE	.1082
LOG10 STANDARD DEVIATION	.3289
STANDARD ERROR ON THE MEAN	.0105
LOWER 95% LIMIT ON THE MEAN	14.0605
UPPER 95% LIMIT ON THE MEAN	15.4591
LOWER 95% LIMIT ON THE RANGE	3.3368
UPPER 95% LIMIT ON THE RANGE	65.1413
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	10.0000
50TH PERCENTILE OR MEDIAN	14.0000
75TH PERCENTILE OR 3RD QUARTILE	22.0000
80TH PERCENTILE	26.0000
90TH PERCENTILE	38.0000
95TH PERCENTILE	54.0000
98TH PERCENTILE	88.0000
99TH PERCENTILE	130.0000
MAXIMUM VALUE	550.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
1 PPB	I	3	.30	.30
2 PPB				
5 PPB				
10 PPB				
20 PPB				
50 PPB				
100 PPB	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	540	54.88	55.18
200 PPB	XXX	65	6.61	61.79
500 PPB	XXXXXX	111	11.28	73.07
1 PPM	XXXXXXXXXX	188	19.11	92.17
2 PPM	XXX	65	6.61	98.78
5 PPM	X	11	1.12	99.90
10 PPM	I	1	.10	100.00
20 PPM				
50 PPM				

0 20 40 60 80 100

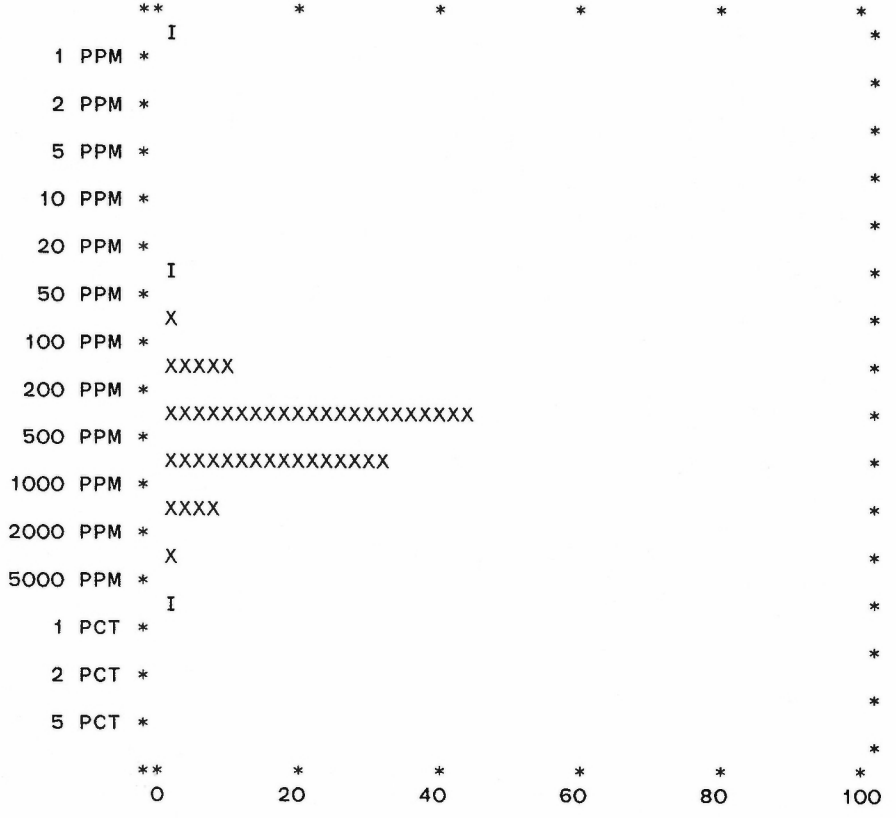
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	3
NUMBER OF NON-ZERO SAMPLES	981
ARITHMETIC MEAN	.3927
VARIANCE	.2731
STANDARD DEVIATION	.5226
SKEW	4.7474
EXCESS KURTOSIS	47.0055
COEFFICIENT OF VARIATION, %	133.0967
STANDARD ERROR OF THE MEAN	.0167
LOWER 95% LIMIT ON THE MEAN	.3599
UPPER 95% LIMIT ON THE MEAN	.4254
LOWER 95% LIMIT ON THE RANGE	-.6328
UPPER 95% LIMIT ON THE RANGE	1.4181
GEOMETRIC MEAN	.2238
LOG10 MEAN	-.6501
LOG10 VARIANCE	.1877
LOG10 STANDARD DEVIATION	.4332
STANDARD ERROR ON THE MEAN	.0138
LOWER 95% LIMIT ON THE MEAN	.2103
UPPER 95% LIMIT ON THE MEAN	.2383
LOWER 95% LIMIT ON THE RANGE	.0316
UPPER 95% LIMIT ON THE RANGE	1.5847
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.6000
80TH PERCENTILE	.7000
90TH PERCENTILE	1.0000
95TH PERCENTILE	1.3000
98TH PERCENTILE	1.6000
99TH PERCENTILE	2.3000
MAXIMUM VALUE	7.8000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MN	PPM	TOTAL

HISTOGRAM



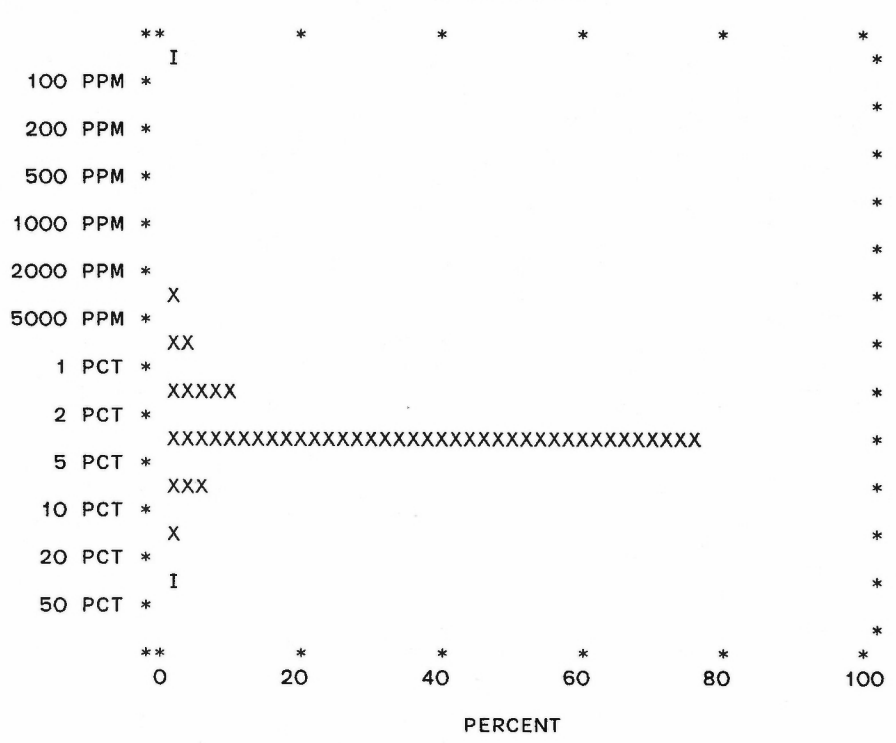
	N	%	CUM %
1 PPM	2	.20	.20
50 PPM	3	.30	.51
100 PPM	16	1.63	2.13
200 PPM	93	9.45	11.59
500 PPM	438	44.51	56.10
1000 PPM	318	32.32	88.41
2000 PPM	88	8.94	97.36
5000 PPM	21	2.13	99.49
1 PCT	5	.51	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	608.0754
VARIANCE	**********
STANDARD DEVIATION	602.4771
SKEW	4.6363
EXCESS KURTOSIS	33.1222
COEFFICIENT OF VARIATION, %	99.0793
STANDARD ERROR OF THE MEAN	19.2258
LOWER 95% LIMIT ON THE MEAN	570.3526
UPPER 95% LIMIT ON THE MEAN	645.7981
LOWER 95% LIMIT ON THE RANGE	-574.0389
UPPER 95% LIMIT ON THE RANGE	1790.1896
GEOMETRIC MEAN	461.4879
LOG10 MEAN	2.6642
LOG10 VARIANCE	.0968
LOG10 STANDARD DEVIATION	.3111
STANDARD ERROR ON THE MEAN	.0099
LOWER 95% LIMIT ON THE MEAN	441.2440
UPPER 95% LIMIT ON THE MEAN	482.6605
LOWER 95% LIMIT ON THE RANGE	113.1546
UPPER 95% LIMIT ON THE RANGE	1882.1242
MINIMUM VALUE	25.0000
25TH PERCENTILE OR 1ST QUARTILE	291.0000
50TH PERCENTILE OR MEDIAN	460.0000
75TH PERCENTILE OR 3RD QUARTILE	700.0000
80TH PERCENTILE	780.0000
90TH PERCENTILE	1090.0000
95TH PERCENTILE	1560.0000
98TH PERCENTILE	2400.0000
99TH PERCENTILE	3200.0000
MAXIMUM VALUE	7300.0000

VARIABLE NAME: FE
UNIT OF MEASUREMENT: PCT
DATA SUBSET: TOTAL

HISTOGRAM



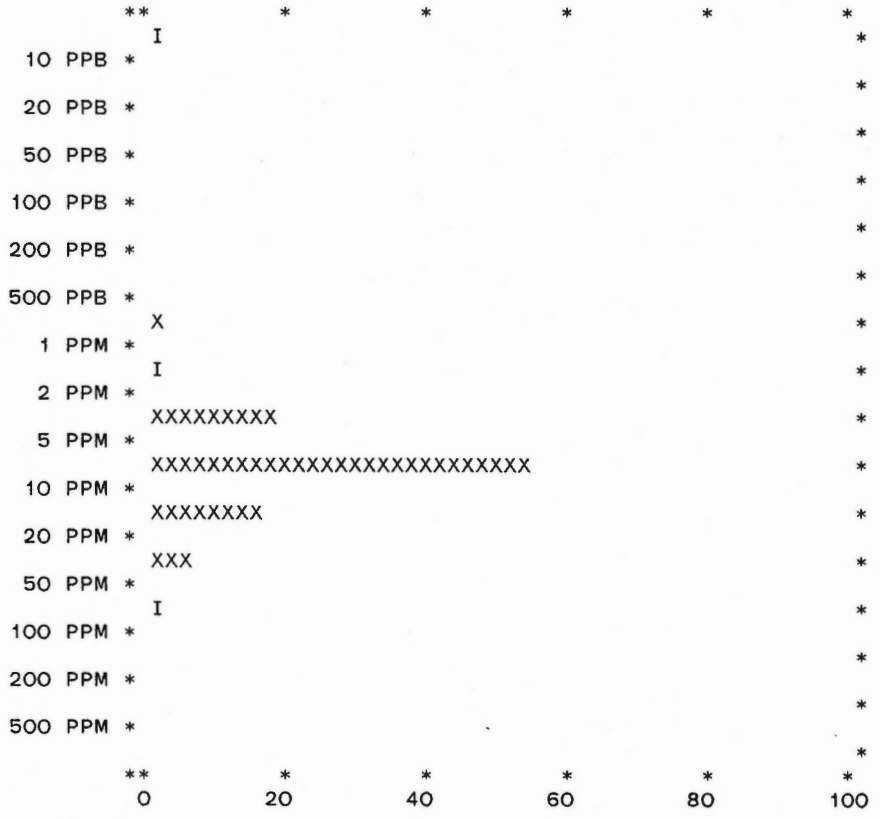
	N	%	CUM %
	2	.20	.20
	10	1.02	1.22
	42	4.27	5.49
	105	10.67	16.16
	756	76.83	92.99
	57	5.79	98.78
	11	1.12	99.90
	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	3.2522
VARIANCE	3.7989
STANDARD DEVIATION	1.9491
SKEW	5.4741
EXCESS KURTOSIS	56.1606
COEFFICIENT OF VARIATION, %	59.9305
STANDARD ERROR OF THE MEAN	.0622
LOWER 95% LIMIT ON THE MEAN	3.1302
UPPER 95% LIMIT ON THE MEAN	3.3743
LOWER 95% LIMIT ON THE RANGE	-.5720
UPPER 95% LIMIT ON THE RANGE	7.0765
GEOMETRIC MEAN	2.8687
LOG10 MEAN	.4577
LOG10 VARIANCE	.0504
LOG10 STANDARD DEVIATION	.2245
STANDARD ERROR ON THE MEAN	.0072
LOWER 95% LIMIT ON THE MEAN	2.7774
UPPER 95% LIMIT ON THE MEAN	2.9631
LOWER 95% LIMIT ON THE RANGE	1.0404
UPPER 95% LIMIT ON THE RANGE	7.9099
MINIMUM VALUE	.3000
25TH PERCENTILE OR 1ST QUARTILE	2.4000
50TH PERCENTILE OR MEDIAN	3.0000
75TH PERCENTILE OR 3RD QUARTILE	3.8000
80TH PERCENTILE	4.0000
90TH PERCENTILE	4.6000
95TH PERCENTILE	5.4000
98TH PERCENTILE	7.5000
99TH PERCENTILE	11.0000
MAXIMUM VALUE	31.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MO	PPM	TOTAL

HISTOGRAM



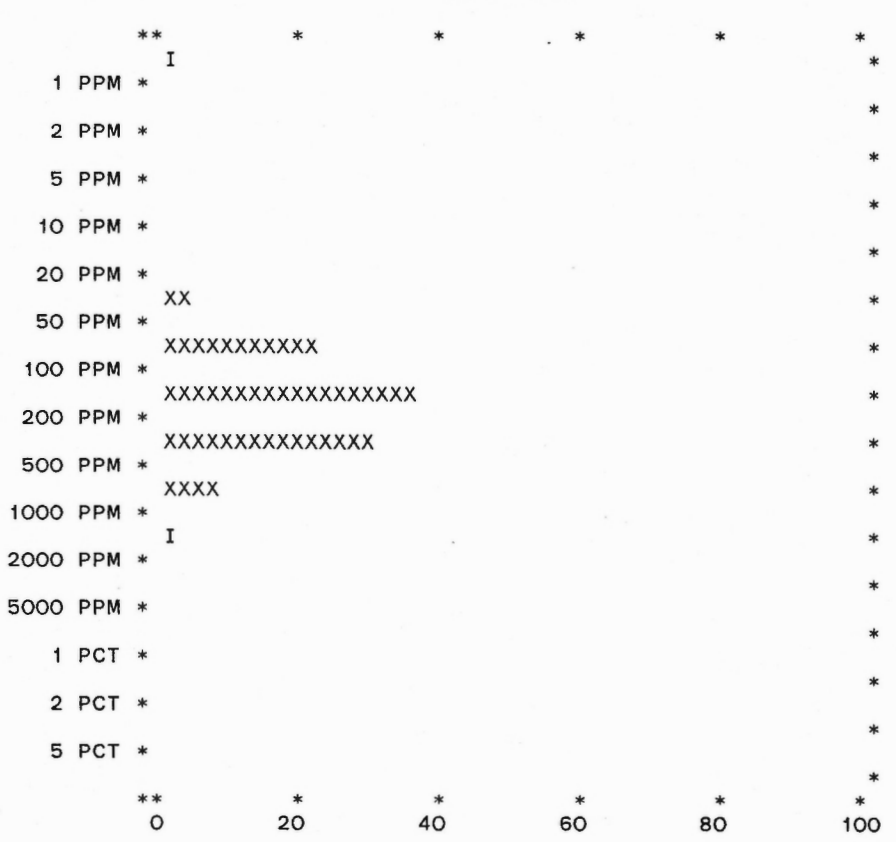
	N	%	CUM %
I	2	.20	.20
X	19	1.93	2.13
I	2	.20	2.34
XXXXXXXXX	184	18.70	21.04
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	541	54.98	76.02
XXXXXXXX	167	16.97	92.99
XXX	66	6.71	99.70
I	3	.30	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	9.7230
VARIANCE	51.2321
STANDARD DEVIATION	7.1577
SKEW	3.1353
EXCESS KURTOSIS	16.2280
COEFFICIENT OF VARIATION, %	73.6156
STANDARD ERROR OF THE MEAN	.2284
LOWER 95% LIMIT ON THE MEAN	9.2749
UPPER 95% LIMIT ON THE MEAN	10.1712
LOWER 95% LIMIT ON THE RANGE	-4.3210
UPPER 95% LIMIT ON THE RANGE	23.7670
GEOMETRIC MEAN	8.0499
LOG10 MEAN	.9058
LOG10 VARIANCE	.0696
LOG10 STANDARD DEVIATION	.2638
STANDARD ERROR ON THE MEAN	.0084
LOWER 95% LIMIT ON THE MEAN	7.7495
UPPER 95% LIMIT ON THE MEAN	8.3619
LOWER 95% LIMIT ON THE RANGE	2.4448
UPPER 95% LIMIT ON THE RANGE	26.5051
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	6.0000
50TH PERCENTILE OR MEDIAN	8.0000
75TH PERCENTILE OR 3RD QUARTILE	10.0000
80TH PERCENTILE	12.0000
90TH PERCENTILE	18.0000
95TH PERCENTILE	23.0000
98TH PERCENTILE	32.0000
99TH PERCENTILE	38.0000
MAXIMUM VALUE	80.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
V	PPM	TOTAL

HISTOGRAM



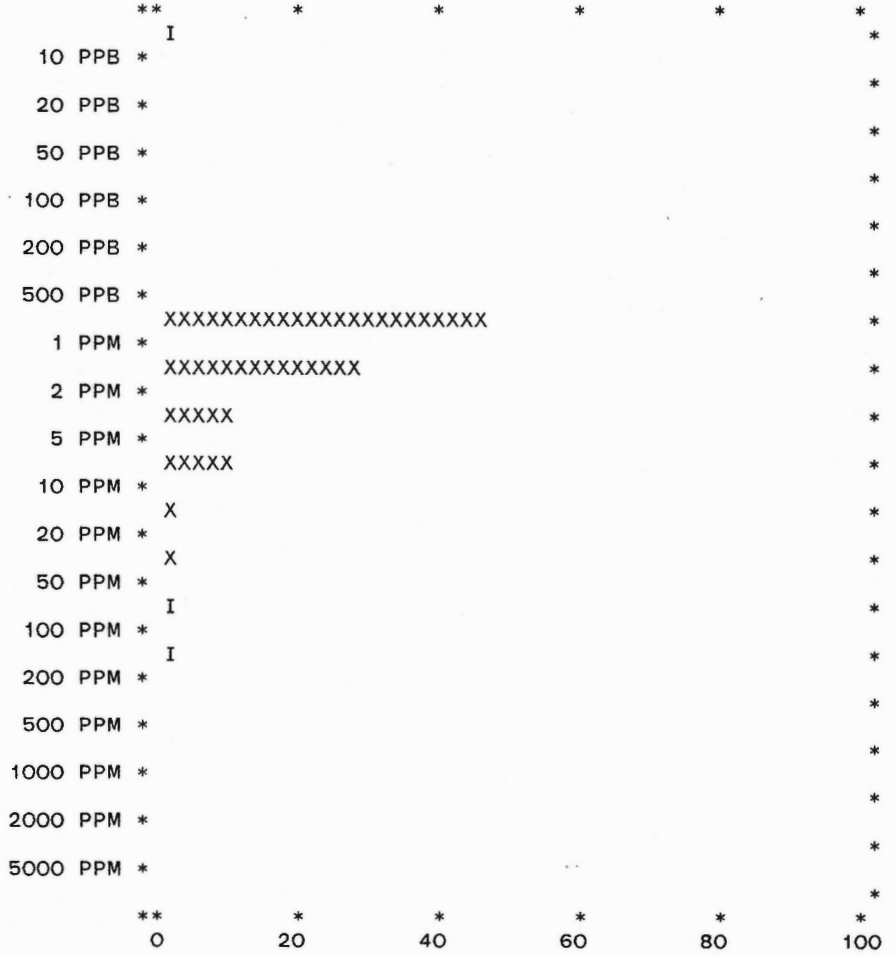
	N	%	CUM %
1 PPM	2	.20	.20
50 PPM	35	3.56	3.76
100 PPM	212	21.54	25.30
200 PPM	347	35.26	60.57
500 PPM	305	31.00	91.57
1000 PPM	80	8.13	99.70
2000 PPM	3	.30	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	220.1436
VARIANCE	33054.7184
STANDARD DEVIATION	181.8096
SKEW	2.2775
EXCESS KURTOSIS	7.3189
COEFFICIENT OF VARIATION, %	82.5868
STANDARD ERROR OF THE MEAN	5.8018
LOWER 95% LIMIT ON THE MEAN	208.7600
UPPER 95% LIMIT ON THE MEAN	231.5272
LOWER 95% LIMIT ON THE RANGE	-136.5831
UPPER 95% LIMIT ON THE RANGE	576.8703
GEOMETRIC MEAN	170.2437
LOG10 MEAN	2.2311
LOG10 VARIANCE	.0916
LOG10 STANDARD DEVIATION	.3027
STANDARD ERROR ON THE MEAN	.0097
LOWER 95% LIMIT ON THE MEAN	162.9745
UPPER 95% LIMIT ON THE MEAN	177.8371
LOWER 95% LIMIT ON THE RANGE	43.3706
UPPER 95% LIMIT ON THE RANGE	668.2615
MINIMUM VALUE	35.0000
25TH PERCENTILE OR 1ST QUARTILE	100.0000
50TH PERCENTILE OR MEDIAN	155.0000
75TH PERCENTILE OR 3RD QUARTILE	270.0000
80TH PERCENTILE	302.0000
90TH PERCENTILE	469.0000
95TH PERCENTILE	610.0000
98TH PERCENTILE	760.0000
99TH PERCENTILE	905.0000
MAXIMUM VALUE	1612.0000

VARIABLE NAME: W
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
10 PPB	3	.30	.30
1 PPM	450	45.73	46.04
2 PPM	266	27.03	73.07
5 PPM	106	10.77	83.84
10 PPM	104	10.57	94.41
20 PPM	25	2.54	96.95
50 PPM	25	2.54	99.49
100 PPM	4	.41	99.90
200 PPM	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	3
NUMBER OF NON-ZERO SAMPLES	981
ARITHMETIC MEAN	3.8277
VARIANCE	73.8713
STANDARD DEVIATION	8.5948
SKEW	9.2864
EXCESS KURTOSIS	130.0232
COEFFICIENT OF VARIATION, %	224.5417
STANDARD ERROR OF THE MEAN	.2744
LOWER 95% LIMIT ON THE MEAN	3.2893
UPPER 95% LIMIT ON THE MEAN	4.3661
LOWER 95% LIMIT ON THE RANGE	-13.0362
UPPER 95% LIMIT ON THE RANGE	20.6916
GEOMETRIC MEAN	2.0585
LOG10 MEAN	.3136
LOG10 VARIANCE	.1524
LOG10 STANDARD DEVIATION	.3903
STANDARD ERROR ON THE MEAN	.0125
LOWER 95% LIMIT ON THE MEAN	1.9458
UPPER 95% LIMIT ON THE MEAN	2.1777
LOWER 95% LIMIT ON THE RANGE	.3529
UPPER 95% LIMIT ON THE RANGE	12.0062
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	4.0000
80TH PERCENTILE	4.0000
90TH PERCENTILE	8.0000
95TH PERCENTILE	12.0000
98TH PERCENTILE	28.0000
99TH PERCENTILE	40.0000
MAXIMUM VALUE	160.0000

VARIABLE NAME: U
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM

		N	%	CUM %
10 PPB	I	2	.20	.20
20 PPB				
50 PPB				
100 PPB				
200 PPB				
500 PPB	I	7	.71	.91
1 PPM	X	19	1.93	2.85
2 PPM	XXX	51	5.18	8.03
5 PPM	XXXXXXXXXXXXXXXXXXXXX	438	44.51	52.54
10 PPM	XXXXXXXXXXXXXXXX	342	34.76	87.30
20 PPM	XXXX	83	8.43	95.73
50 PPM	XX	34	3.46	99.19
100 PPM	I	6	.61	99.80
200 PPM	I	2	.20	100.00
500 PPM				
1000 PPM				
2000 PPM				
5000 PPM				

0 20 40 60 80 100

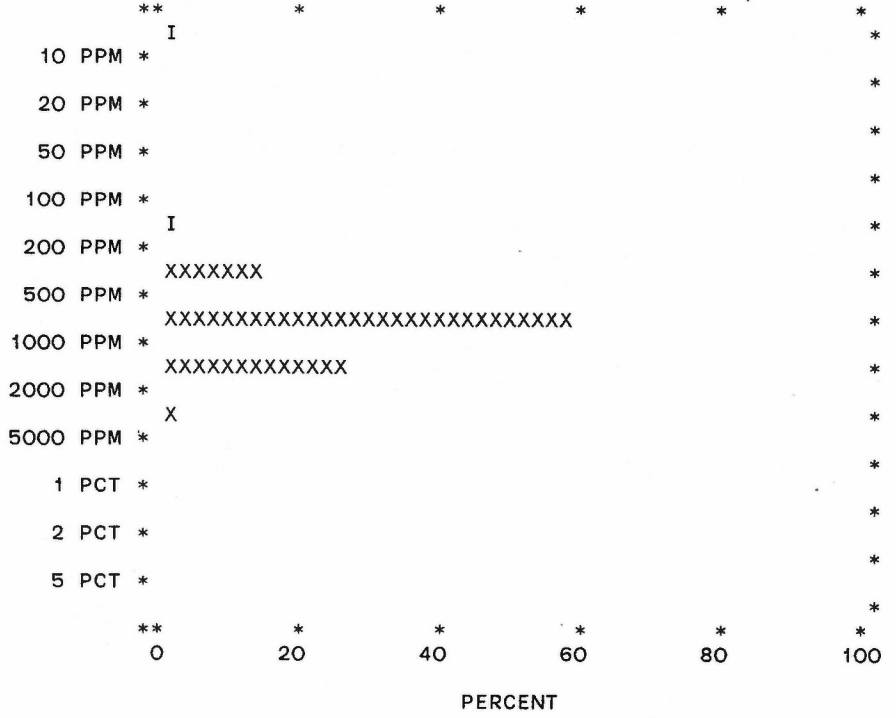
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	7.3222
VARIANCE	85.5966
STANDARD DEVIATION	9.2518
SKEW	7.0590
EXCESS KURTOSIS	73.1001
COEFFICIENT OF VARIATION, %	126.3533
STANDARD ERROR OF THE MEAN	.2952
LOWER 95% LIMIT ON THE MEAN	6.7429
UPPER 95% LIMIT ON THE MEAN	7.9015
LOWER 95% LIMIT ON THE RANGE	-10.8307
UPPER 95% LIMIT ON THE RANGE	25.4751
GEOMETRIC MEAN	5.4545
LOG10 MEAN	.7368
LOG10 VARIANCE	.0916
LOG10 STANDARD DEVIATION	.3027
STANDARD ERROR ON THE MEAN	.0097
LOWER 95% LIMIT ON THE MEAN	5.2216
UPPER 95% LIMIT ON THE MEAN	5.6978
LOWER 95% LIMIT ON THE RANGE	1.3895
UPPER 95% LIMIT ON THE RANGE	21.4110
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	4.0000
50TH PERCENTILE OR MEDIAN	5.0000
75TH PERCENTILE OR 3RD QUARTILE	7.5000
80TH PERCENTILE	8.0000
90TH PERCENTILE	12.0000
95TH PERCENTILE	18.5000
98TH PERCENTILE	33.0000
99TH PERCENTILE	48.0000
MAXIMUM VALUE	143.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
F	PPM	TOTAL

HISTOGRAM



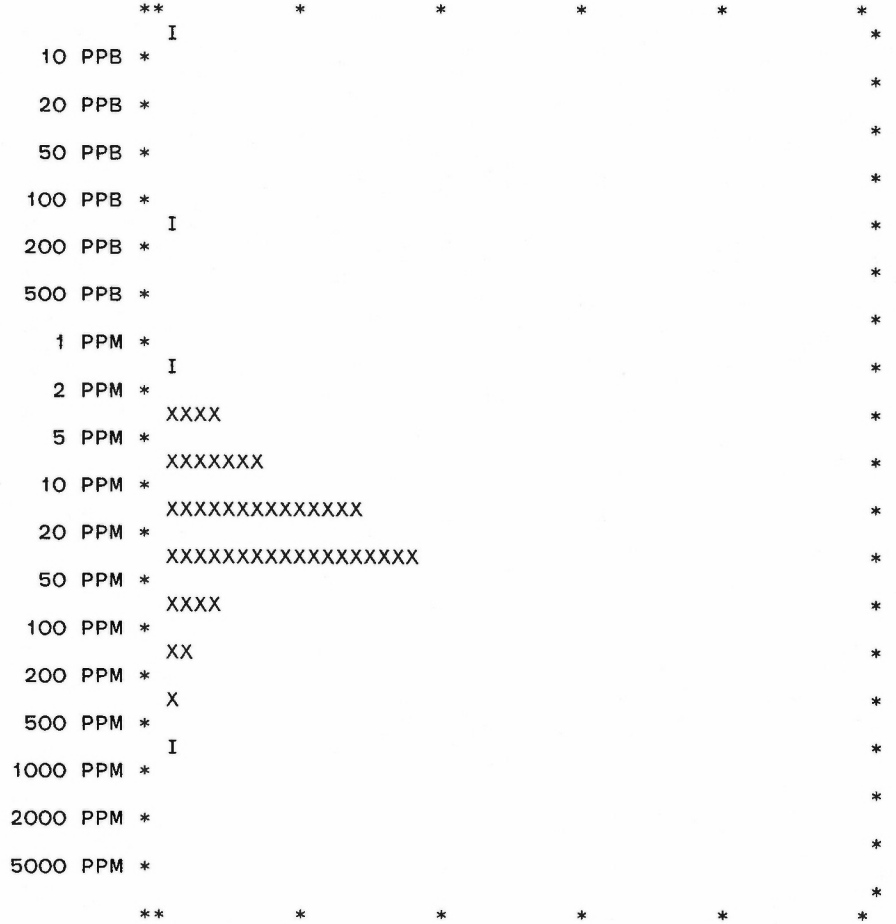
	N	%	CUM %
	2	.20	.20
	3	.30	.51
	136	13.82	14.33
	575	58.43	72.76
	249	25.30	98.07
	19	1.93	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	849.9287
VARIANCE	**********
STANDARD DEVIATION	409.7098
SKEW	1.3955
EXCESS KURTOSIS	2.2103
COEFFICIENT OF VARIATION, %	48.2052
STANDARD ERROR OF THE MEAN	13.0744
LOWER 95% LIMIT ON THE MEAN	824.2756
UPPER 95% LIMIT ON THE MEAN	875.5818
LOWER 95% LIMIT ON THE RANGE	46.0412
UPPER 95% LIMIT ON THE RANGE	1653.8162
GEOMETRIC MEAN	767.8224
LOG10 MEAN	2.8853
LOG10 VARIANCE	.0374
LOG10 STANDARD DEVIATION	.1933
STANDARD ERROR ON THE MEAN	.0062
LOWER 95% LIMIT ON THE MEAN	746.7204
UPPER 95% LIMIT ON THE MEAN	789.5207
LOWER 95% LIMIT ON THE RANGE	320.6256
UPPER 95% LIMIT ON THE RANGE	1838.7524
MINIMUM VALUE	125.0000
25TH PERCENTILE OR 1ST QUARTILE	575.0000
50TH PERCENTILE OR MEDIAN	710.0000
75TH PERCENTILE OR 3RD QUARTILE	1050.0000
80TH PERCENTILE	1150.0000
90TH PERCENTILE	1450.0000
95TH PERCENTILE	1680.0000
98TH PERCENTILE	2000.0000
99TH PERCENTILE	2180.0000
MAXIMUM VALUE	3000.0000

VARIABLE NAME: AS
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
	2	.20	.20
	1	.10	.30
	7	.71	1.02
XXXX	69	7.01	8.03
XXXXXXX	128	13.01	21.04
XXXXXXXXXXXXXX	281	28.56	49.59
XXXXXXXXXXXXXXXXXX	360	36.59	86.18
XXXX	77	7.83	94.00
XX	39	3.96	97.97
X	13	1.32	99.29
I	7	.71	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	36.9601
VARIANCE	5971.3141
STANDARD DEVIATION	77.2743
SKEW	7.9341
EXCESS KURTOSIS	78.2632
COEFFICIENT OF VARIATION, %	209.0750
STANDARD ERROR OF THE MEAN	2.4659
LOWER 95% LIMIT ON THE MEAN	32.1217
UPPER 95% LIMIT ON THE MEAN	41.7984
LOWER 95% LIMIT ON THE RANGE	-114.6590
UPPER 95% LIMIT ON THE RANGE	188.5792
GEOMETRIC MEAN	20.2506
LOG10 MEAN	1.3064
LOG10 VARIANCE	.1845
LOG10 STANDARD DEVIATION	.4295
STANDARD ERROR ON THE MEAN	.0137
LOWER 95% LIMIT ON THE MEAN	19.0346
UPPER 95% LIMIT ON THE MEAN	21.5443
LOWER 95% LIMIT ON THE RANGE	2.9085
UPPER 95% LIMIT ON THE RANGE	140.9944
MINIMUM VALUE	.2000
25TH PERCENTILE OR 1ST QUARTILE	11.7000
50TH PERCENTILE OR MEDIAN	20.2000
75TH PERCENTILE OR 3RD QUARTILE	32.7000
80TH PERCENTILE	39.0000
90TH PERCENTILE	65.0000
95TH PERCENTILE	124.0000
98TH PERCENTILE	211.8000
99TH PERCENTILE	395.0000
MAXIMUM VALUE	984.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
HG	PPB	TOTAL

HISTOGRAM

		N	%	CUM %
1 PPB	I	2	.20	.20
2 PPB				
5 PPB				
10 PPB				
20 PPB	XXXXXXXXXXXXXX	271	27.54	27.74
50 PPB	XXXXXXXX	164	16.67	44.41
100 PPB	XXXXXXXXXX	189	19.21	63.62
200 PPB	XXXXXXXX	160	16.26	79.88
500 PPB	XXXXXXXXX	175	17.78	97.66
1 PPM	X	23	2.34	100.00
2 PPM				
5 PPM				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	118.4582
VARIANCE	18390.6155
STANDARD DEVIATION	135.6120
SKEW	1.8235
EXCESS KURTOSIS	3.2632
COEFFICIENT OF VARIATION, %	114.4808
STANDARD ERROR OF THE MEAN	4.3276
LOWER 95% LIMIT ON THE MEAN	109.9672
UPPER 95% LIMIT ON THE MEAN	126.9493
LOWER 95% LIMIT ON THE RANGE	-147.6247
UPPER 95% LIMIT ON THE RANGE	384.5412
GEOMETRIC MEAN	63.8233
LOG10 MEAN	1.8050
LOG10 VARIANCE	.2468
LOG10 STANDARD DEVIATION	.4968
STANDARD ERROR ON THE MEAN	.0159
LOWER 95% LIMIT ON THE MEAN	59.4120
UPPER 95% LIMIT ON THE MEAN	68.5622
LOWER 95% LIMIT ON THE RANGE	6.7645
UPPER 95% LIMIT ON THE RANGE	602.1796
MINIMUM VALUE	15.0000
25TH PERCENTILE OR 1ST QUARTILE	15.0000
50TH PERCENTILE OR MEDIAN	63.0000
75TH PERCENTILE OR 3RD QUARTILE	159.0000
80TH PERCENTILE	204.0000
90TH PERCENTILE	316.0000
95TH PERCENTILE	412.0000
98TH PERCENTILE	530.0000
99TH PERCENTILE	579.0000
MAXIMUM VALUE	784.0000

VARIABLE NAME: SB
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM

		N	%	CUM %
10 PPB	I	2	.20	.20
20 PPB				
50 PPB				
100 PPB				
200 PPB	XXXX	77	7.83	8.03
500 PPB	XXXXX	98	9.96	17.99
1 PPM	XXXXXXXX	154	15.65	33.64
2 PPM	XXXXXXXXX	186	18.90	52.54
5 PPM	XXXXXXXXXXXXX	253	25.71	78.25
10 PPM	XXXXXXXX	157	15.96	94.21
20 PPM	XX	46	4.67	98.88
50 PPM	X	10	1.02	99.90
100 PPM	I	1	.10	100.00
200 PPM				
500 PPM				

0 20 40 60 80 100

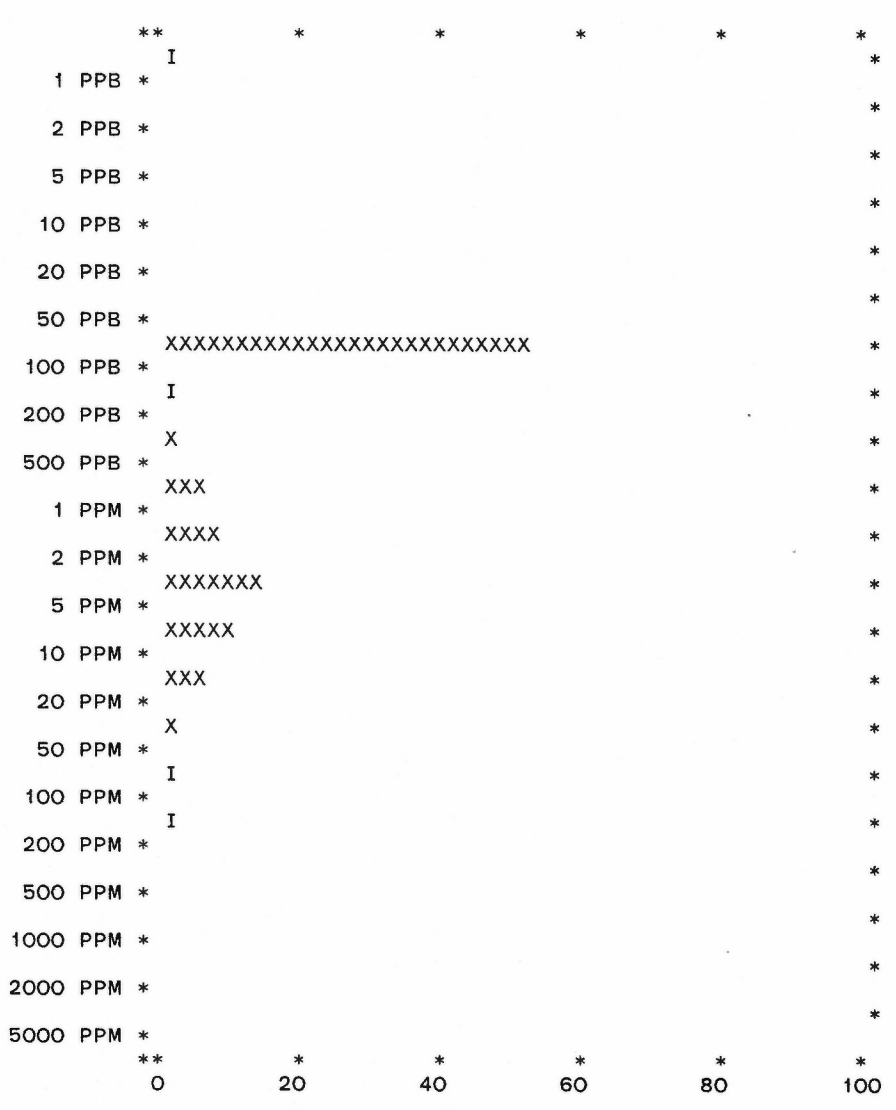
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	3.3353
VARIANCE	17.9077
STANDARD DEVIATION	4.2317
SKEW	4.0128
EXCESS KURTOSIS	30.0405
COEFFICIENT OF VARIATION, %	126.8762
STANDARD ERROR OF THE MEAN	.1350
LOWER 95% LIMIT ON THE MEAN	3.0704
UPPER 95% LIMIT ON THE MEAN	3.6003
LOWER 95% LIMIT ON THE RANGE	-4.9677
UPPER 95% LIMIT ON THE RANGE	11.6384
GEOMETRIC MEAN	1.7900
LOG10 MEAN	.2529
LOG10 VARIANCE	.2600
LOG10 STANDARD DEVIATION	.5099
STANDARD ERROR ON THE MEAN	.0163
LOWER 95% LIMIT ON THE MEAN	1.6632
UPPER 95% LIMIT ON THE MEAN	1.9265
LOWER 95% LIMIT ON THE RANGE	.1788
UPPER 95% LIMIT ON THE RANGE	17.9164
MINIMUM VALUE	.2000
25TH PERCENTILE OR 1ST QUARTILE	.8000
50TH PERCENTILE OR MEDIAN	1.9000
75TH PERCENTILE OR 3RD QUARTILE	4.5000
80TH PERCENTILE	5.2000
90TH PERCENTILE	7.8000
95TH PERCENTILE	10.5000
98TH PERCENTILE	14.7000
99TH PERCENTILE	21.7000
MAXIMUM VALUE	54.5000

VARIABLE NAME: CD
UNIT OF MEASUREMENT: PPM
DATA SUBSET: TOTAL

HISTOGRAM



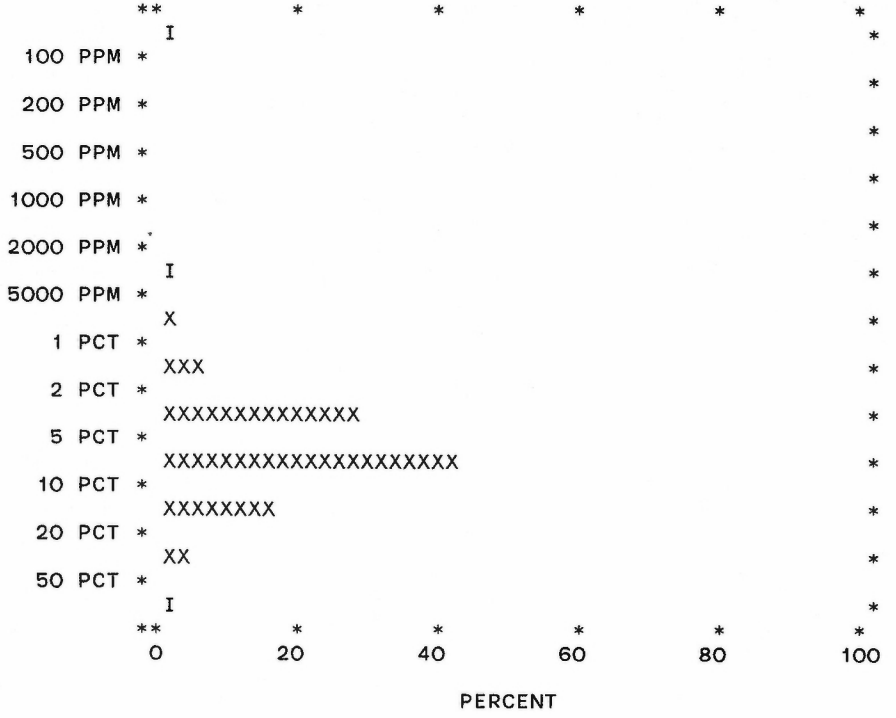
	N	%	CUM %
	2	.20	.20
	514	52.24	52.44
	9	.91	53.35
	11	1.12	54.47
	67	6.81	61.28
	75	7.62	68.90
	130	13.21	82.11
	93	9.45	91.57
	54	5.49	97.05
	27	2.74	99.80
	1	.10	99.90
	1	.10	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	3.0957
VARIANCE	46.0547
STANDARD DEVIATION	6.7864
SKEW	6.2244
EXCESS KURTOSIS	70.5730
COEFFICIENT OF VARIATION, %	219.2173
STANDARD ERROR OF THE MEAN	.2166
LOWER 95% LIMIT ON THE MEAN	2.6708
UPPER 95% LIMIT ON THE MEAN	3.5206
LOWER 95% LIMIT ON THE RANGE	-10.2197
UPPER 95% LIMIT ON THE RANGE	16.4112
GEOMETRIC MEAN	.5424
LOG10 MEAN	-.2657
LOG10 VARIANCE	.7081
LOG10 STANDARD DEVIATION	.8415
STANDARD ERROR ON THE MEAN	.0269
LOWER 95% LIMIT ON THE MEAN	.4804
UPPER 95% LIMIT ON THE MEAN	.6123
LOWER 95% LIMIT ON THE RANGE	.0121
UPPER 95% LIMIT ON THE RANGE	24.2879
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	3.0000
80TH PERCENTILE	4.5000
90TH PERCENTILE	9.5000
95TH PERCENTILE	15.0000
98TH PERCENTILE	23.0000
99TH PERCENTILE	29.5000
MAXIMUM VALUE	110.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
LOI	PCT	TOTAL

HISTOGRAM



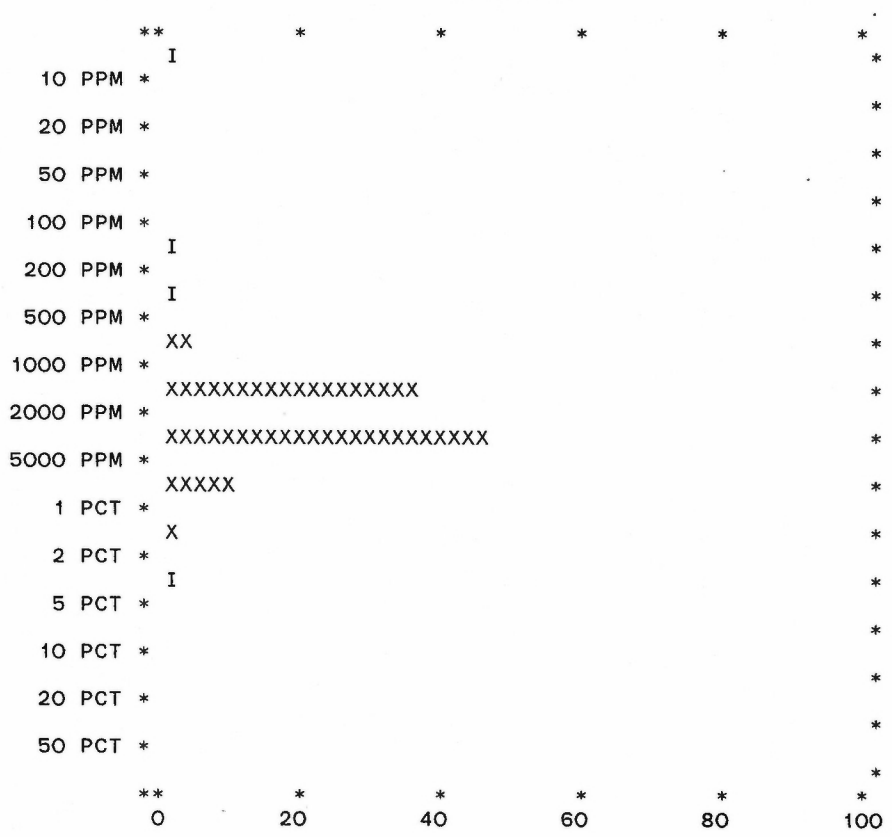
	N	%	CUM %
	2	.20	.20
	6	.61	.81
X	12	1.22	2.03
XXX	63	6.40	8.43
XXXXXXXXXXXXX	285	28.96	37.40
XXXXXXXXXXXXXXXXXXXX	417	42.38	79.78
XXXXXXXX	165	16.77	96.54
XX	32	3.25	99.80
I	2	.20	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	982
ARITHMETIC MEAN	7.5362
VARIANCE	38.2281
STANDARD DEVIATION	6.1829
SKEW	3.2761
EXCESS KURTOSIS	16.8326
COEFFICIENT OF VARIATION, %	82.0425
STANDARD ERROR OF THE MEAN	.1973
LOWER 95% LIMIT ON THE MEAN	7.1491
UPPER 95% LIMIT ON THE MEAN	7.9233
LOWER 95% LIMIT ON THE RANGE	-4.5952
UPPER 95% LIMIT ON THE RANGE	19.6676
GEOMETRIC MEAN	5.8491
LOG10 MEAN	.7671
LOG10 VARIANCE	.1018
LOG10 STANDARD DEVIATION	.3190
STANDARD ERROR ON THE MEAN	.0102
LOWER 95% LIMIT ON THE MEAN	5.5861
UPPER 95% LIMIT ON THE MEAN	6.1244
LOWER 95% LIMIT ON THE RANGE	1.3839
UPPER 95% LIMIT ON THE RANGE	24.7219
MINIMUM VALUE	.3000
25TH PERCENTILE OR 1ST QUARTILE	4.0500
50TH PERCENTILE OR MEDIAN	6.1500
75TH PERCENTILE OR 3RD QUARTILE	9.2000
80TH PERCENTILE	10.1500
90TH PERCENTILE	13.5000
95TH PERCENTILE	18.2000
98TH PERCENTILE	25.7000
99TH PERCENTILE	33.5500
MAXIMUM VALUE	59.3500

VARIABLE NAME: P2O5 | UNIT OF MEASUREMENT: PCT | DATA SUBSET: TOTAL

HISTOGRAM



	N	%	CUM %
10 PPM	3	.30	.30
20 PPM			
50 PPM			
100 PPM			
200 PPM	3	.30	.61
500 PPM	4	.41	1.02
1000 PPM	47	4.78	5.79
2000 PPM	360	36.59	42.38
5000 PPM	451	45.83	88.21
1 PCT	99	10.06	98.27
2 PCT	16	1.63	99.90
5 PCT	1	.10	100.00
10 PCT			
20 PCT			
50 PCT			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	3
NUMBER OF NON-ZERO SAMPLES	981
ARITHMETIC MEAN	.2926
VARIANCE	.0478
STANDARD DEVIATION	.2187
SKEW	2.5148
EXCESS KURTOSIS	9.9961
COEFFICIENT OF VARIATION, %	74.7644
STANDARD ERROR OF THE MEAN	.0070
LOWER 95% LIMIT ON THE MEAN	.2789
UPPER 95% LIMIT ON THE MEAN	.3063
LOWER 95% LIMIT ON THE RANGE	-.1366
UPPER 95% LIMIT ON THE RANGE	.7218
GEOMETRIC MEAN	.2383
LOG10 MEAN	-.6228
LOG10 VARIANCE	.0731
LOG10 STANDARD DEVIATION	.2703
STANDARD ERROR ON THE MEAN	.0086
LOWER 95% LIMIT ON THE MEAN	.2292
UPPER 95% LIMIT ON THE MEAN	.2478
LOWER 95% LIMIT ON THE RANGE	.0703
UPPER 95% LIMIT ON THE RANGE	.8082
MINIMUM VALUE	.0200
25TH PERCENTILE OR 1ST QUARTILE	.1600
50TH PERCENTILE OR MEDIAN	.2100
75TH PERCENTILE OR 3RD QUARTILE	.3700
80TH PERCENTILE	.4100
90TH PERCENTILE	.5700
95TH PERCENTILE	.7100
98TH PERCENTILE	.9600
99TH PERCENTILE	1.1000
MAXIMUM VALUE	2.1800

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
BA	PCT	TOTAL

HISTOGRAM

		N	%	CUM %
1 PPM	I	5	.51	.51
2 PPM				
5 PPM				
10 PPM				
20 PPM				
50 PPM				
100 PPM	X	24	2.44	2.95
200 PPM	X	25	2.54	5.49
500 PPM	XXXXXXXXXXXXXX	274	27.85	33.33
1000 PPM	XXXXXXXXXX	202	20.53	53.86
2000 PPM	XXXXXXXXX	179	18.19	72.05
5000 PPM	XXXXXXXXX	182	18.50	90.55
1 PCT	XXX	61	6.20	96.75
2 PCT	X	16	1.63	98.37
5 PCT	X	10	1.02	99.39
10 PCT	I	5	.51	99.90
20 PCT	I	1	.10	100.00
50 PCT				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	984
NUMBER OF ZERO VALUE SAMPLES	5
NUMBER OF NON-ZERO SAMPLES	979
ARITHMETIC MEAN	.2578
VARIANCE	.5176
STANDARD DEVIATION	.7194
SKEW	9.5619
EXCESS KURTOSIS	113.7014
COEFFICIENT OF VARIATION, %	279.0132
STANDARD ERROR OF THE MEAN	.0230
LOWER 95% LIMIT ON THE MEAN	.2127
UPPER 95% LIMIT ON THE MEAN	.3030
LOWER 95% LIMIT ON THE RANGE	-1.1537
UPPER 95% LIMIT ON THE RANGE	1.6694
GEOMETRIC MEAN	.1111
LOG10 MEAN	-.9543
LOG10 VARIANCE	.2409
LOG10 STANDARD DEVIATION	.4908
STANDARD ERROR ON THE MEAN	.0157
LOWER 95% LIMIT ON THE MEAN	.1035
UPPER 95% LIMIT ON THE MEAN	.1193
LOWER 95% LIMIT ON THE RANGE	.0121
UPPER 95% LIMIT ON THE RANGE	1.0204
MINIMUM VALUE	.0100
25TH PERCENTILE OR 1ST QUARTILE	.0500
50TH PERCENTILE OR MEDIAN	.0900
75TH PERCENTILE OR 3RD QUARTILE	.2300
80TH PERCENTILE	.2900
90TH PERCENTILE	.5000
95TH PERCENTILE	.8200
98TH PERCENTILE	1.2200
99TH PERCENTILE	3.4700
MAXIMUM VALUE	11.7000

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	PPM	982	438.	745.	170.2	6.10	66.40	391.	485.	230.	2.3615	.4494	215.	245.
TOTAL	CU	PPM	982	52.2	46.1	88.3	3.19	16.41	49.3	55.1	39.3	1.5948	.3275	37.5	41.2
TOTAL	PB	PPM	982	31.9	56.8	178.1	10.76	131.05	28.4	35.5	25.0	1.3975	.2273	24.2	25.8
TOTAL	NI	PPM	982	68.8	78.8	114.5	3.39	15.46	63.9	73.7	46.2	1.6646	.3718	43.8	48.7
TOTAL	CO	PPM	982	20.5	27.0	132.0	9.74	158.99	18.8	22.1	14.7	1.1686	.3289	14.1	15.5
TOTAL	AG	PPM	981	.393	.523	133.1	4.75	47.01	.360	.425	.224	-.6501	.4332	.210	.238
TOTAL	MN	PPM	982	608.	602.	99.1	4.64	33.12	570.	646.	461.	2.6642	.3111	441.	483.
TOTAL	FE	PCT	982	3.25	1.95	59.9	5.47	56.16	3.13	3.37	2.87	.4577	.2245	2.78	2.96
TOTAL	MO	PPM	982	9.72	7.16	73.6	3.14	16.23	9.27	10.2	8.05	.9058	.2638	7.75	8.36
TOTAL	V	PPM	982	220.	182.	82.6	2.28	7.32	209.	232.	170.	2.2311	.3027	163.	178.
TOTAL	W	PPM	981	3.83	8.59	224.5	9.29	130.02	3.29	4.37	2.06	.3136	.3903	1.95	2.18
TOTAL	U	PPM	982	7.32	9.25	126.4	7.06	73.10	6.74	7.90	5.45	.7368	.3027	5.22	5.70
TOTAL	F	PPM	982	850.	410.	48.2	1.40	2.21	824.	876.	768.	2.8853	.1933	747.	790.
TOTAL	AS	PPM	982	37.0	77.3	209.1	7.93	78.26	32.1	41.8	20.3	1.3064	.4295	19.0	21.5
TOTAL	HG	PPB	982	118.	136.	114.5	1.82	3.26	110.	127.	63.8	1.8050	.4968	59.4	68.6
TOTAL	SB	PPM	982	3.34	4.23	126.9	4.01	30.04	3.07	3.60	1.79	.2529	.5099	1.66	1.93
TOTAL	CD	PPM	982	3.10	6.79	219.2	6.22	70.57	2.67	3.52	.542	-.2657	.8415	.480	.612
TOTAL	LOI	PCT	982	7.54	6.18	82.0	3.28	16.83	7.15	7.92	5.85	.7671	.3190	5.59	6.12
TOTAL	P205	PCT	981	.293	.219	74.8	2.51	10.00	.279	.306	.238	-.6228	.2703	.229	.248
TOTAL	BA	PCT	979	.258	.719	279.0	9.56	113.70	.213	.303	.111	-.9543	.4908	.103	.119

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TOTAL	ZN	PPM	982	20.000	112.000	180.000	430.000	570.000	1050.000	1700.000	2810.000	3600.000	12000.000
TOTAL	CU	PPM	982	4.000	25.000	40.000	66.000	72.000	102.000	131.000	200.000	250.000	470.000
TOTAL	PB	PPM	982	7.000	18.000	24.000	32.000	35.000	42.000	52.000	80.000	176.000	920.000
TOTAL	NI	PPM	982	4.000	26.000	42.000	79.000	96.000	148.000	214.000	340.000	400.000	745.000
TOTAL	CO	PPM	982	1.000	10.000	14.000	22.000	26.000	38.000	54.000	88.000	130.000	550.000
TOTAL	AG	PPM	981	.100	.100	.100	.600	.700	1.000	1.300	1.600	2.300	7.800
TOTAL	MN	PPM	982	25.000	291.000	460.000	700.000	780.000	1090.000	1560.000	2400.000	3200.000	7300.000
TOTAL	FE	PCT	982	.300	2.400	3.000	3.800	4.000	4.600	5.400	7.500	11.000	31.000
TOTAL	MO	PPM	982	1.000	6.000	8.000	10.000	12.000	18.000	23.000	32.000	38.000	80.000
TOTAL	V	PPM	982	35.000	100.000	155.000	270.000	302.000	469.000	610.000	760.000	905.000	1612.000
TOTAL	W	PPM	981	1.000	1.000	2.000	4.000	4.000	8.000	12.000	28.000	40.000	160.000
TOTAL	U	PPM	982	.500	4.000	5.000	7.500	8.000	12.000	18.500	33.000	48.000	143.000
TOTAL	F	PPM	982	125.000	575.000	710.000	1050.000	1150.000	1450.000	1680.000	2000.000	2180.000	3000.000
TOTAL	AS	PPM	982	.200	11.700	20.200	32.700	39.000	65.000	124.000	211.800	395.000	984.000
TOTAL	HG	PPB	982	15.000	15.000	63.000	159.000	204.000	316.000	412.000	530.000	579.000	784.000
TOTAL	SB	PPM	982	.200	.800	1.900	4.500	5.200	7.800	10.500	14.700	21.700	54.500
TOTAL	CD	PPM	982	.100	.100	.100	3.000	4.500	9.500	15.000	23.000	29.500	110.000
TOTAL	LOI	PCT	982	.300	4.050	6.150	9.200	10.150	13.500	18.200	25.700	33.550	59.350
TOTAL	P205	PCT	981	.020	.160	.210	.370	.410	.570	.710	.960	1.100	2.180
TOTAL	BA	PCT	979	.010	.050	.090	.230	.290	.500	.820	1.220	3.470	11.700

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	
GLAV	ZN	PPM	475	558.	894.	160.3	5.96	59.64	477.	638.	299.	2.4758	.4538	272.	329.
CGLM	ZN	PPM	82	490.	476.	97.3	2.05	4.40	385.	594.	335.	2.5250	.3831	276.	407.
SLSN	ZN	PPM	113	189.	171.	90.4	4.85	30.81	157.	221.	156.	2.1922	.2461	140.	173.
LMSN	ZN	PPM	86	278.	381.	137.0	2.94	8.54	196.	360.	164.	2.2152	.4154	134.	201.
SHLE	ZN	PPM	40	.133E+04	.129E+04	97.5	1.22	.19	913.	.174E+04	799.	2.9026	.4799	561.	.114E+04
SLTE	ZN	PPM	37	167.	167.	99.9	4.69	22.93	111.	222.	139.	2.1438	.2164	118.	164.
QZMZ	ZN	PPM	23	111.	56.1	50.3	1.64	3.27	87.2	136.	99.5	1.9978	.2197	80.0	124.
ARNT	ZN	PPM	58	121.	72.6	60.0	3.80	17.91	102.	140.	110.	2.0399	.1753	98.6	122.
DLMT	ZN	PPM	62	152.	173.	113.3	2.56	7.33	109.	196.	99.3	1.9970	.3873	79.2	125.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	ZN	PPM	475	25.000	140.000	240.000	630.000	760.000	1340.000	2100.000	3075.000	3800.000	12000.000
CGLM	ZN	PPM	82	28.000	180.000	300.000	640.000	780.000	1080.000	1680.000	1960.000	2500.000	2500.000
SLSN	ZN	PPM	113	45.000	110.000	157.000	200.000	205.000	320.000	380.000	740.000	1500.000	1500.000
LMSN	ZN	PPM	86	31.000	81.000	153.000	280.000	320.000	580.000	1520.000	1850.000	1880.000	1880.000
SHLE	ZN	PPM	40	46.000	420.000	740.000	1950.000	2000.000	3750.000	4000.000	4600.000	4600.000	4600.000
SLTE	ZN	PPM	37	68.000	104.000	125.000	160.000	175.000	245.000	400.000	1080.000	1080.000	1080.000
QZMZ	ZN	PPM	23	20.000	85.000	92.000	138.000	155.000	200.000	295.000	295.000	295.000	295.000
ARNT	ZN	PPM	58	62.000	80.000	110.000	126.000	130.000	166.000	260.000	540.000	540.000	540.000
DLMT	ZN	PPM	62	22.000	50.000	94.000	163.000	220.000	410.000	620.000	950.000	950.000	950.000

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	
GLAV	CU	PPM	475	55.3	47.5	85.8	3.59	21.19	51.0	59.6	43.0	1.6335	.3045	40.4	45.8
CGLM	CU	PPM	82	72.1	53.3	74.0	2.03	4.69	60.4	83.8	57.5	1.7596	.3015	49.4	67.0
SLSN	CU	PPM	113	53.5	33.0	61.8	2.00	5.56	47.3	59.7	45.8	1.6612	.2401	41.3	50.8
LMSN	CU	PPM	86	30.6	26.1	85.4	2.27	5.74	25.0	36.2	23.2	1.3658	.3209	19.8	27.2
SHLE	CU	PPM	40	102.	80.7	78.8	1.32	1.04	76.6	128.	75.6	1.8784	.3591	58.0	98.4
SLTE	CU	PPM	37	46.4	23.9	51.5	2.31	6.98	38.4	54.4	42.2	1.6252	.1830	36.7	48.5
QZMZ	CU	PPM	23	24.1	18.2	75.7	1.60	1.48	16.2	32.0	19.5	1.2909	.2715	14.9	25.6
ARNT	CU	PPM	58	42.5	26.1	61.5	2.08	4.06	35.6	49.3	37.3	1.5713	.2087	32.8	42.3
DLMT	CU	PPM	62	20.0	13.9	69.4	1.58	3.29	16.5	23.5	16.1	1.2063	.2949	13.5	19.1

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	CU	PPM	475	5.000	26.000	42.000	70.000	76.000	104.000	124.000	195.000	250.000	470.000
CGLM	CU	PPM	82	6.000	42.000	55.000	81.000	105.000	134.000	232.000	245.000	290.000	290.000
SLSN	CU	PPM	113	11.000	32.000	45.000	68.000	70.000	94.000	132.000	159.000	218.000	218.000
LMSN	CU	PPM	86	4.000	14.000	24.000	38.000	42.000	56.000	123.000	125.000	131.000	131.000
SHLE	CU	PPM	40	14.000	50.000	82.000	132.000	160.000	270.000	300.000	330.000	330.000	330.000
SLTE	CU	PPM	37	20.000	32.000	40.000	55.000	66.000	75.000	86.000	148.000	148.000	148.000
QZMZ	CU	PPM	23	8.000	12.000	19.000	29.000	30.000	64.000	74.000	74.000	74.000	74.000
ARNT	CU	PPM	58	17.000	26.000	34.000	46.000	48.000	80.000	109.000	142.000	142.000	142.000
DLMT	CU	PPM	62	4.000	10.000	17.000	26.000	30.000	40.000	47.000	77.000	77.000	77.000

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	
GLAV	PB	PPM	475	31.8	69.4	218.5	10.01	107.42	25.5	38.0	23.4	1.3686	.2367	22.2	24.5
CGLM	PB	PPM	82	27.7	12.8	46.2	2.45	10.15	24.9	30.5	25.5	1.4060	.1742	23.3	27.8
SLSN	PB	PPM	113	33.7	11.9	35.5	.57	.18	31.4	35.9	31.6	1.4991	.1594	29.5	33.8
LMSN	PB	PPM	86	29.3	48.9	166.5	8.11	68.91	18.9	39.8	22.2	1.3458	.2553	19.5	25.2
SHLE	PB	PPM	40	63.5	122.	191.5	3.13	8.30	24.7	102.	31.9	1.5040	.4031	23.7	42.9
SLTE	PB	PPM	37	29.8	17.5	58.8	4.47	21.92	24.0	35.7	27.4	1.4380	.1584	24.3	31.0
QZMZ	PB	PPM	23	42.9	10.5	24.6	.04	-.75	38.3	47.4	41.6	1.6187	.1132	37.1	46.5
ARNT	PB	PPM	58	24.5	5.22	21.3	.07	-.21	23.1	25.9	23.9	1.3789	.0968	22.6	25.4
DLMT	PB	PPM	62	23.7	10.5	44.3	2.33	7.68	21.0	26.3	22.0	1.3434	.1559	20.1	24.2

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	PB	PPM	475	8.000	17.000	22.000	30.000	31.000	40.000	48.000	100.000	340.000	920.000
CGLM	PB	PPM	82	12.000	20.000	26.000	33.000	34.000	40.000	50.000	64.000	98.000	98.000
SLSN	PB	PPM	113	13.000	26.000	33.000	41.000	43.000	48.000	55.000	70.000	70.000	70.000
LMSN	PB	PPM	86	10.000	15.000	20.000	30.000	35.000	44.000	58.000	70.000	460.000	460.000
SHLE	PB	PPM	40	7.000	20.000	26.000	36.000	39.000	128.000	450.000	540.000	540.000	540.000
SLTE	PB	PPM	37	14.000	24.000	28.000	31.000	33.000	38.000	48.000	125.000	125.000	125.000
QZMZ	PB	PPM	23	21.000	35.000	40.000	52.000	53.000	59.000	63.000	63.000	63.000	63.000
ARNT	PB	PPM	58	14.000	22.000	24.000	28.000	30.000	31.000	32.000	38.000	38.000	38.000
DLMT	PB	PPM	62	12.000	17.000	20.000	28.000	30.000	38.000	43.000	75.000	75.000	75.000

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	
GLAV	NI	PPM	475	77.9	87.8	112.8	3.29	14.20	70.0	85.8	52.8	1.7228	.3659	49.0	57.0
CGLM	NI	PPM	82	91.1	92.9	101.9	2.61	8.99	70.7	112.	61.5	1.7890	.3911	50.5	75.0
SLSN	NI	PPM	113	52.7	36.2	68.8	2.02	5.63	45.9	59.4	43.2	1.6353	.2768	38.3	48.6
LMSN	NI	PPM	86	49.3	52.1	105.5	2.75	8.28	38.2	60.5	34.8	1.5421	.3456	29.4	41.3
SHLE	NI	PPM	40	150.	117.	78.1	1.17	.68	113.	188.	111.	2.0446	.3591	85.1	144.
SLTE	NI	PPM	37	46.0	33.5	72.9	2.40	4.96	34.8	57.1	39.3	1.5948	.2189	33.3	46.5
QZMZ	NI	PPM	23	17.5	16.3	93.1	1.52	1.13	10.5	24.6	12.7	1.1028	.3378	9.06	17.7
ARNT	NI	PPM	58	43.3	43.6	100.6	4.84	26.65	31.9	54.8	35.7	1.5529	.2268	31.1	41.0
DLMT	NI	PPM	62	31.5	29.6	94.2	2.84	9.29	24.0	39.0	24.0	1.3799	.3012	20.1	28.6

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	NI	PPM	475	5.000	30.000	47.000	93.000	108.000	158.000	230.000	384.000	500.000	745.000
CGLM	NI	PPM	82	6.000	32.000	64.000	114.000	136.000	196.000	300.000	380.000	580.000	580.000
SLSN	NI	PPM	113	10.000	30.000	43.000	70.000	74.000	90.000	120.000	200.000	220.000	220.000
LMSN	NI	PPM	86	5.000	22.000	32.000	51.000	65.000	105.000	168.000	268.000	295.000	295.000
SHLE	NI	PPM	40	16.000	66.000	114.000	212.000	280.000	340.000	400.000	505.000	505.000	505.000
SLTE	NI	PPM	37	18.000	30.000	35.000	42.000	45.000	93.000	154.000	163.000	163.000	163.000
QZMZ	NI	PPM	23	4.000	8.000	10.000	30.000	30.000	52.000	62.000	62.000	62.000	62.000
ARNT	NI	PPM	58	16.000	26.000	30.000	42.000	44.000	64.000	126.000	320.000	320.000	320.000
DLMT	NI	PPM	62	7.000	15.000	22.000	37.000	44.000	67.000	86.000	167.000	167.000	167.000

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	
GLAV	CO	PPM	475	20.1	32.6	162.3	10.67	152.79	17.1	23.0	14.5	1.1602	.3086	13.6	15.4
CGLM	CO	PPM	82	28.0	30.4	108.5	2.43	6.53	21.3	34.7	18.5	1.2666	.3880	15.2	22.5
SLSN	CO	PPM	113	29.4	23.0	78.1	2.06	6.45	25.1	33.7	22.4	1.3511	.3356	19.4	25.9
LMSN	CO	PPM	86	12.1	12.1	99.8	4.98	33.52	9.54	14.7	9.17	.9626	.3266	7.81	10.8
SHLE	CO	PPM	40	20.9	13.2	63.1	1.38	1.93	16.7	25.1	17.5	1.2421	.2668	14.4	21.3
SLTE	CO	PPM	37	21.7	11.0	50.9	1.65	2.27	18.0	25.4	19.6	1.2931	.1883	17.0	22.7
QZMZ	CO	PPM	23	12.0	3.52	29.3	.45	-.31	10.5	13.5	11.5	1.0607	.1321	10.1	13.1
ARNT	CO	PPM	58	19.6	18.1	92.3	4.37	22.63	14.9	24.4	16.2	1.2098	.2360	14.1	18.7
DLMT	CO	PPM	62	11.2	11.6	103.9	3.61	16.51	8.24	14.1	8.30	.9192	.3139	6.91	9.97

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	CO	PPM	475	1.000	10.000	14.000	20.000	23.000	34.000	47.000	66.000	156.000	550.000
CGLM	CO	PPM	82	3.000	9.000	17.000	32.000	38.000	68.000	103.000	132.000	170.000	170.000
SLSN	CO	PPM	113	1.000	14.000	22.000	37.000	42.000	61.000	73.000	92.000	152.000	152.000
LMSN	CO	PPM	86	1.000	6.000	10.000	14.000	17.000	21.000	31.000	35.000	102.000	102.000
SHLE	CO	PPM	40	5.000	13.000	18.000	28.000	32.000	40.000	48.000	66.000	66.000	66.000
SLTE	CO	PPM	37	10.000	14.000	19.000	26.000	28.000	40.000	54.000	54.000	54.000	54.000
QZMZ	CO	PPM	23	5.000	10.000	12.000	14.000	15.000	18.000	19.000	19.000	19.000	19.000
ARNT	CO	PPM	58	8.000	11.000	15.000	20.000	24.000	27.000	48.000	130.000	130.000	130.000
DLMT	CO	PPM	62	2.000	5.000	8.000	13.000	16.000	25.000	31.000	78.000	78.000	78.000

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	
GLAV	AG	PPM	474	.478	.516	107.9	2.51	10.61	.431	.525	.286	-.5433	.4445	.261	.314
CGLM	AG	PPM	82	.441	.434	98.4	1.67	4.44	.346	.537	.270	-.5689	.4435	.216	.338
SLSN	AG	PPM	113	.301	.447	148.7	2.75	7.50	.218	.384	.170	-.7690	.3921	.144	.201
LMSN	AG	PPM	86	.241	.275	114.2	1.92	2.47	.182	.300	.160	-.7972	.3478	.134	.189
SHLE	AG	PPM	40	.940	1.28	135.9	4.05	19.10	.532	1.35	.509	-.2931	.5184	.348	.746
SLTE	AG	PPM	37	.135	.111	82.2	4.08	17.02	.981E-01	.172	.118	-.9283	.1863	.102	.136
QZMZ	AG	PPM	23	.183	.170	92.9	1.71	1.25	.109	.256	.140	-.8550	.2865	.105	.186
ARNT	AG	PPM	58	.129	.117	90.5	4.32	17.74	.986E-01	.160	.112	-.9501	.1791	.101	.125
DLMT	AG	PPM	62	.181	.198	109.7	3.64	15.44	.130	.231	.139	-.8574	.2640	.119	.162

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	AG	PPM	474	.100	.100	.300	.800	.800	1.100	1.300	1.800	2.600	4.200
CGLM	AG	PPM	82	.100	.100	.200	.700	.800	1.000	1.200	1.400	2.500	2.500
SLSN	AG	PPM	113	.100	.100	.100	.200	.300	1.000	1.300	2.200	2.400	2.400
LMSN	AG	PPM	86	.100	.100	.100	.200	.400	.700	1.000	1.000	1.200	1.200
SHLE	AG	PPM	40	.100	.100	.800	1.200	1.400	1.700	3.000	7.800	7.800	7.800
SLTE	AG	PPM	37	.100	.100	.100	.100	.100	.200	.400	.700	.700	.700
QZMZ	AG	PPM	23	.100	.100	.100	.100	.300	.600	.600	.600	.600	.600
ARNT	AG	PPM	58	.100	.100	.100	.100	.100	.100	.400	.700	.700	.700
DLMT	AG	PPM	62	.100	.100	.100	.200	.200	.500	.600	1.300	1.300	1.300

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	
GLAV	MN	PPM	475	604.	623.	103.3	4.50	32.69	547.	660.	448.	2.6513	.3229	419.	479.
CGLM	MN	PPM	82	717.	.111E+04	155.3	3.58	12.13	472.	961.	445.	2.6485	.3558	372.	533.
SLSN	MN	PPM	113	709.	471.	66.5	1.32	2.06	621.	797.	559.	2.7477	.3272	486.	644.
LMSN	MN	PPM	86	422.	251.	59.3	1.38	2.87	368.	476.	357.	2.5526	.2591	314.	406.
SHLE	MN	PPM	40	666.	577.	86.7	2.21	4.38	482.	851.	514.	2.7113	.3058	411.	644.
SLTE	MN	PPM	37	880.	403.	45.8	.82	-.57	746.	.101E+04	800.	2.9032	.1900	692.	926.
QZMZ	MN	PPM	23	694.	210.	30.2	-.52	-.67	604.	785.	657.	2.8177	.1562	563.	767.
ARNT	MN	PPM	58	588.	349.	59.3	2.05	5.46	496.	680.	511.	2.7087	.2296	445.	588.
DLMT	MN	PPM	62	376.	218.	57.8	1.62	2.76	321.	432.	329.	2.5173	.2190	290.	374.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	MN	PPM	475	25.000	300.000	435.000	690.000	760.000	1100.000	1720.000	2700.000	3300.000	7300.000
CGLM	MN	PPM	82	110.000	260.000	400.000	580.000	680.000	1540.000	5100.000	5300.000	5800.000	5800.000
SLSN	MN	PPM	113	40.000	420.000	600.000	940.000	960.000	1350.000	1560.000	2400.000	2400.000	2400.000
LMSN	MN	PPM	86	80.000	235.000	380.000	540.000	580.000	750.000	980.000	1050.000	1490.000	1490.000
SHLE	MN	PPM	40	77.000	350.000	470.000	860.000	910.000	1180.000	2500.000	2500.000	2500.000	2500.000
SLTE	MN	PPM	37	410.000	550.000	780.000	1190.000	1450.000	1560.000	1700.000	1740.000	1740.000	1740.000
QZMZ	MN	PPM	23	280.000	615.000	770.000	840.000	840.000	980.000	1040.000	1040.000	1040.000	1040.000
ARNT	MN	PPM	58	125.000	375.000	530.000	680.000	740.000	1060.000	1500.000	2100.000	2100.000	2100.000
DLMT	MN	PPM	62	120.000	240.000	280.000	470.000	565.000	665.000	900.000	1200.000	1200.000	1200.000

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	
GLAV	FE	PCT	475	3.29	1.99	60.5	7.72	90.78	3.11	3.47	2.99	.4758	.1853	2.88	3.11
CGLM	FE	PCT	82	3.82	2.10	54.9	2.40	9.56	3.36	4.28	3.36	.5269	.2265	3.00	3.77
SLSN	FE	PCT	113	4.34	2.54	58.6	3.33	12.66	3.87	4.82	3.93	.5940	.1791	3.64	4.24
LMSN	FE	PCT	86	2.16	1.16	53.5	.59	.29	1.91	2.41	1.82	.2603	.2769	1.59	2.09
SHLE	FE	PCT	40	3.26	1.62	49.8	2.61	10.25	2.74	3.78	2.95	.4700	.1992	2.55	3.42
SLTE	FE	PCT	37	3.51	.857	24.4	.99	.71	3.22	3.79	3.42	.5335	.0997	3.16	3.69
QZMZ	FE	PCT	23	3.06	.706	23.1	-.46	1.31	2.76	3.37	2.97	.4722	.1191	2.64	3.34
ARNT	FE	PCT	58	3.05	.769	25.2	1.45	4.26	2.84	3.25	2.96	.4716	.1025	2.78	3.15
DLMT	FE	PCT	62	1.78	1.07	60.3	.90	.17	1.51	2.05	1.48	.1696	.2745	1.26	1.73

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	FE	PCT	475	.400	2.500	3.000	3.700	3.900	4.400	5.300	6.700	9.200	31.000
CGLM	FE	PCT	82	.600	2.500	3.500	4.700	5.000	5.700	7.500	11.000	15.000	15.000
SLSN	FE	PCT	113	1.700	3.300	3.900	4.500	4.700	5.700	9.900	17.000	17.500	17.500
LMSN	FE	PCT	86	.300	1.200	2.200	2.900	3.100	3.600	4.300	5.000	6.000	6.000
SHLE	FE	PCT	40	.800	2.600	3.200	3.700	3.700	4.500	6.800	10.800	10.800	10.800
SLTE	FE	PCT	37	2.500	2.800	3.300	4.100	4.500	4.600	4.900	6.200	6.200	6.200
QZMZ	FE	PCT	23	1.200	2.800	3.100	3.400	3.500	4.200	4.600	4.600	4.600	4.600
ARNT	FE	PCT	58	1.700	2.500	3.000	3.400	3.600	3.800	4.300	6.300	6.300	6.300
DLMT	FE	PCT	62	.400	.800	1.500	2.400	2.600	3.400	4.200	4.800	4.800	4.800

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	
GLAV	MO	PPM	475	10.6	7.51	71.1	2.61	9.04	9.88	11.2	8.81	.9449	.2573	8.35	9.29
CGLM	MO	PPM	82	12.1	9.81	80.8	4.49	26.62	9.98	14.3	10.3	1.0125	.2262	9.18	11.5
SLSN	MO	PPM	113	6.41	3.07	48.0	.67	1.40	5.83	6.98	5.49	.7392	.2786	4.87	6.18
LMSN	MO	PPM	86	9.53	5.97	62.6	1.56	3.40	8.26	10.8	7.95	.9001	.2743	6.94	9.10
SHLE	MO	PPM	40	17.0	9.64	56.7	.71	-.35	13.9	20.1	14.4	1.1584	.2605	11.9	17.4
SLTE	MO	PPM	37	6.57	3.25	49.4	2.36	6.96	5.49	7.65	6.01	.7791	.1767	5.25	6.89
QZMZ	MO	PPM	23	9.09	5.11	56.2	3.60	13.16	6.88	11.3	8.37	.9229	.1580	7.16	9.80
ARNT	MO	PPM	58	6.50	1.73	26.6	.27	-.87	6.05	6.95	6.27	.7974	.1181	5.84	6.74
DLMT	MO	PPM	62	6.84	4.22	61.7	2.21	5.08	5.77	7.91	6.00	.7781	.2094	5.31	6.78

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	MO	PPM	475	1.000	6.000	8.000	12.000	13.000	20.000	25.000	34.000	43.000	55.000
CGLM	MO	PPM	82	4.000	8.000	10.000	13.000	15.000	23.000	26.000	38.000	80.000	80.000
SLSN	MO	PPM	113	1.000	5.000	6.000	8.000	8.000	10.000	12.000	16.000	16.000	16.000
LMSN	MO	PPM	86	1.000	5.000	8.000	11.000	14.000	18.000	22.000	24.000	36.000	36.000
SHLE	MO	PPM	40	5.000	9.000	16.000	23.000	28.000	32.000	36.000	42.000	42.000	42.000
SLTE	MO	PPM	37	3.000	5.000	6.000	8.000	8.000	10.000	15.000	20.000	20.000	20.000
QZMZ	MO	PPM	23	5.000	7.000	8.000	10.000	10.000	12.000	31.000	31.000	31.000	31.000
ARNT	MO	PPM	58	4.000	5.000	6.000	8.000	8.000	9.000	10.000	10.000	10.000	10.000
DLMT	MO	PPM	62	3.000	4.000	6.000	8.000	9.000	13.000	17.000	24.000	24.000	24.000

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	
GLAV	V	PPM	475	263.	204.	77.3	2.06	6.15	245.	282.	208.	2.3176	.2937	195.	221.
CGLM	V	PPM	82	270.	171.	63.4	2.12	5.91	232.	307.	228.	2.3575	.2612	200.	260.
SLSN	V	PPM	113	144.	73.7	51.0	1.73	3.68	131.	158.	130.	2.1144	.1927	120.	141.
LMSN	V	PPM	86	166.	118.	71.3	1.69	3.47	141.	191.	133.	2.1240	.2920	115.	154.
SHLE	V	PPM	40	413.	234.	56.7	.47	-.59	338.	488.	340.	2.5309	.2996	272.	423.
SLTE	V	PPM	37	126.	69.8	55.6	4.53	22.27	102.	149.	117.	2.0666	.1478	104.	131.
QZMZ	V	PPM	23	139.	36.6	26.3	-.97	.28	123.	155.	133.	2.1226	.1459	115.	153.
ARNT	V	PPM	58	95.1	19.8	20.8	1.12	3.19	89.9	100.	93.3	1.9697	.0871	88.5	98.3
DLMT	V	PPM	62	113.	100.	88.6	2.22	4.55	87.7	139.	87.5	1.9418	.2910	73.8	104.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	V	PPM	475	40.000	123.000	205.000	325.000	390.000	555.000	640.000	880.000	930.000	1612.000
CGLM	V	PPM	82	37.000	177.000	244.000	302.000	325.000	486.000	598.000	970.000	985.000	985.000
SLSN	V	PPM	113	50.000	98.000	125.000	175.000	194.000	260.000	280.000	362.000	480.000	480.000
LMSN	V	PPM	86	36.000	75.000	150.000	206.000	244.000	300.000	462.000	540.000	655.000	655.000
SHLE	V	PPM	40	56.000	281.000	327.000	625.000	690.000	720.000	900.000	975.000	975.000	975.000
SLTE	V	PPM	37	66.000	101.000	112.000	135.000	136.000	162.000	194.000	506.000	506.000	506.000
QZMZ	V	PPM	23	50.000	120.000	144.000	167.000	170.000	181.000	185.000	185.000	185.000	185.000
ARNT	V	PPM	58	52.000	82.000	92.000	107.000	112.000	119.000	122.000	175.000	175.000	175.000
DLMT	V	PPM	62	35.000	50.000	87.000	122.000	139.000	262.000	425.000	475.000	475.000	475.000

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	
GLAV	W	PPM	475	3.02	5.18	171.4	6.35	51.47	2.55	3.49	1.88	.2730	.3549	1.74	2.02
CGLM	W	PPM	82	4.72	10.9	230.9	6.27	44.58	2.32	7.11	2.23	.3474	.4429	1.78	2.78
SLSN	W	PPM	112	4.77	8.04	168.7	3.49	11.61	3.26	6.27	2.73	.4357	.3777	2.32	3.21
LMSN	W	PPM	86	3.19	5.40	169.6	3.78	14.91	2.03	4.34	1.80	.2562	.3826	1.49	2.18
SHLE	W	PPM	40	4.18	5.67	135.8	3.36	12.95	2.36	5.99	2.52	.4019	.4062	1.87	3.40
SLTE	W	PPM	37	2.54	3.96	155.7	4.58	21.89	1.22	3.86	1.71	.2339	.3135	1.35	2.18
QZMZ	W	PPM	23	25.3	34.5	136.5	2.83	8.34	10.4	40.1	12.6	1.0992	.5722	7.12	22.2
ARNT	W	PPM	58	1.93	1.20	62.0	2.67	9.88	1.62	2.25	1.69	.2284	.2133	1.49	1.92
DLMT	W	PPM	62	2.53	3.83	151.3	3.92	16.71	1.56	3.50	1.63	.2133	.3333	1.34	1.99

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	W	PPM	475	1.000	1.000	1.000	4.000	4.000	6.000	8.000	16.000	40.000	60.000
CGLM	W	PPM	82	1.000	1.000	1.000	4.000	6.000	8.000	20.000	32.000	90.000	90.000
SLSN	W	PPM	112	1.000	2.000	2.000	4.000	4.000	8.000	28.000	40.000	44.000	44.000
LMSN	W	PPM	86	1.000	1.000	1.000	2.000	4.000	6.000	14.000	28.000	32.000	32.000
SHLE	W	PPM	40	1.000	1.000	2.000	4.000	6.000	10.000	16.000	32.000	32.000	32.000
SLTE	W	PPM	37	1.000	1.000	2.000	2.000	2.000	6.000	8.000	24.000	24.000	24.000
QZMZ	W	PPM	23	1.000	8.000	12.000	28.000	36.000	70.000	160.000	160.000	160.000	160.000
ARNT	W	PPM	58	1.000	1.000	2.000	2.000	2.000	4.000	4.000	8.000	8.000	8.000
DLMT	W	PPM	62	1.000	1.000	1.000	2.000	2.000	6.000	12.000	24.000	24.000	24.000

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	
GLAV	U	PPM	475	6.71	4.62	68.9	3.12	13.02	6.29	7.12	5.73	.7584	.2360	5.46	6.02
CGLM	U	PPM	82	7.52	5.28	70.2	1.89	3.89	6.36	8.69	6.18	.7907	.2731	5.38	7.09
SLSN	U	PPM	113	6.49	10.6	163.3	8.52	77.28	4.52	8.47	5.18	.7142	.2079	4.74	5.66
LMSN	U	PPM	86	4.60	7.12	154.9	7.95	67.09	3.07	6.13	3.44	.5369	.2855	2.99	3.96
SHLE	U	PPM	40	9.75	5.02	51.5	.47	.34	8.14	11.4	8.14	.9108	.3016	6.52	10.2
SLTE	U	PPM	37	5.72	3.86	67.5	4.76	23.53	4.43	7.00	5.20	.7163	.1592	4.60	5.88
QZMZ	U	PPM	23	43.6	28.3	64.8	1.95	4.70	31.4	55.8	36.8	1.5654	.2621	28.3	47.7
ARNT	U	PPM	58	6.68	4.81	72.0	3.64	13.01	5.42	7.95	5.92	.7720	.1839	5.29	6.61
DLMT	U	PPM	62	3.69	5.53	150.0	5.06	29.08	2.28	5.09	2.38	.3759	.3716	1.91	2.95

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	U	PPM	475	.500	4.000	5.500	7.500	9.000	11.000	14.000	24.000	29.000	36.000
CGLM	U	PPM	82	1.000	4.500	6.000	9.000	10.000	17.000	20.000	26.000	29.000	29.000
SLSN	U	PPM	113	2.000	4.000	5.000	6.000	6.500	7.500	8.000	44.000	109.000	109.000
LMSN	U	PPM	86	.500	2.500	3.500	5.000	5.000	7.000	9.500	10.000	67.000	67.000
SHLE	U	PPM	40	1.000	7.000	9.500	13.500	13.500	15.000	20.000	24.000	24.000	24.000
SLTE	U	PPM	37	3.000	4.500	5.000	5.500	6.000	7.500	11.000	27.000	27.000	27.000
QZMZ	U	PPM	23	8.500	28.000	37.000	54.000	60.000	81.000	143.000	143.000	143.000	143.000
ARNT	U	PPM	58	3.000	4.500	5.500	6.500	7.000	8.000	23.000	30.000	30.000	30.000
DLMT	U	PPM	62	.500	1.500	2.500	3.500	4.500	7.000	11.500	40.000	40.000	40.000

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	
GLAV	F	PPM	475	911.	427.	46.9	1.05	.46	873.	950.	824.	2.9159	.1938	792.	858.
CGLM	F	PPM	82	767.	308.	40.2	1.33	2.26	699.	835.	713.	2.8531	.1669	655.	776.
SLSN	F	PPM	113	679.	191.	28.2	1.40	2.83	644.	715.	656.	2.8169	.1128	625.	689.
LMSN	F	PPM	86	941.	436.	46.3	.67	.34	847.	.103E+04	834.	2.9211	.2300	744.	934.
SHLE	F	PPM	40	.115E+04	593.	51.7	1.58	2.52	958.	.134E+04	.103E+04	3.0115	.2041	884.	.119E+04
SLTE	F	PPM	37	646.	201.	31.2	1.84	3.21	579.	713.	622.	2.7941	.1150	570.	680.
QZMZ	F	PPM	23	.125E+04	394.	31.5	.79	.57	.108E+04	.142E+04	.119E+04	3.0770	.1351	.104E+04	.137E+04
ARNT	F	PPM	58	574.	189.	32.9	1.74	4.89	525.	624.	549.	2.7395	.1279	508.	593.
DLMT	F	PPM	62	689.	347.	50.3	1.49	2.10	601.	777.	621.	2.7930	.1944	554.	696.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	F	PPM	475	200.000	600.000	760.000	1170.000	1270.000	1560.000	1775.000	2040.000	2120.000	2430.000
CGLM	F	PPM	82	218.000	580.000	675.000	885.000	1020.000	1220.000	1450.000	1650.000	1950.000	1950.000
SLSN	F	PPM	113	350.000	565.000	635.000	770.000	790.000	935.000	1100.000	1250.000	1500.000	1500.000
LMSN	F	PPM	86	125.000	650.000	910.000	1175.000	1270.000	1550.000	1800.000	2120.000	2250.000	2250.000
SHLE	F	PPM	40	380.000	720.000	1050.000	1370.000	1400.000	2050.000	2800.000	3000.000	3000.000	3000.000
SLTE	F	PPM	37	400.000	540.000	565.000	715.000	730.000	950.000	1150.000	1350.000	1350.000	1350.000
QZMZ	F	PPM	23	650.000	985.000	1300.000	1450.000	1450.000	2180.000	2180.000	2180.000	2180.000	2180.000
ARNT	F	PPM	58	335.000	440.000	550.000	660.000	685.000	775.000	935.000	1400.000	1400.000	1400.000
DLMT	F	PPM	62	290.000	440.000	635.000	810.000	940.000	1125.000	1570.000	1825.000	1825.000	1825.000

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	
GLAV	AS	PPM	475	39.3	90.2	229.4	7.78	69.43	31.2	47.5	21.8	1.3387	.3967	20.1	23.7
CGLM	AS	PPM	82	42.0	59.1	140.7	4.11	20.36	29.0	55.0	26.5	1.4238	.3867	21.8	32.3
SLSN	AS	PPM	113	49.1	74.5	151.9	4.75	28.36	35.2	62.9	29.2	1.4655	.4278	24.3	35.1
LMSN	AS	PPM	86	21.0	41.3	196.2	6.41	47.07	12.2	29.9	11.7	1.0679	.4177	9.51	14.4
SHLE	AS	PPM	40	51.4	55.2	107.5	1.72	2.24	33.7	69.0	32.4	1.5101	.4131	23.9	43.9
SLTE	AS	PPM	37	15.1	12.9	85.4	1.56	2.48	10.8	19.3	10.6	1.0233	.3908	7.82	14.2
QZMZ	AS	PPM	23	39.6	48.5	122.5	1.76	2.36	18.7	60.5	19.5	1.2894	.5492	11.3	33.6
ARNT	AS	PPM	58	32.9	107.	324.7	7.17	50.54	4.83	61.1	13.6	1.1325	.5200	9.90	18.6
DLMT	AS	PPM	62	19.5	21.7	111.3	3.68	16.96	14.0	25.0	13.8	1.1409	.3415	11.3	16.9

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	AS	PPM	475	1.700	13.700	20.600	32.000	37.000	65.000	120.800	211.800	556.600	984.000
CGLM	AS	PPM	82	3.800	17.100	27.600	37.600	43.700	95.700	183.300	218.900	420.400	420.400
SLSN	AS	PPM	113	1.100	16.300	29.700	47.700	52.200	90.000	159.800	302.400	607.900	607.900
LMSN	AS	PPM	86	1.800	5.700	10.600	20.200	24.700	39.000	87.200	124.800	352.600	352.600
SHLE	AS	PPM	40	5.500	16.100	28.700	69.000	97.400	156.000	166.700	240.000	240.000	240.000
SLTE	AS	PPM	37	1.800	4.800	12.200	20.200	24.500	32.000	44.100	59.100	59.100	59.100
QZMZ	AS	PPM	23	3.100	5.800	17.600	56.500	60.800	161.800	179.100	179.100	179.100	179.100
ARNT	AS	PPM	58	.200	7.400	16.100	24.100	30.000	41.700	73.900	824.400	824.400	824.400
DLMT	AS	PPM	62	3.700	7.600	14.400	23.200	26.400	39.000	68.800	145.300	145.300	145.300

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	
GLAV	HG	PPB	475	166.	157.	94.6	1.30	1.23	152.	180.	98.9	1.9951	.4824	89.5	109.
CGLM	HG	PPB	82	118.	105.	88.9	1.73	4.10	95.1	141.	79.0	1.8976	.4189	63.9	97.6
SLSN	HG	PPB	113	43.2	44.8	103.8	2.53	7.51	34.8	51.6	30.2	1.4799	.3452	26.0	35.0
LMSN	HG	PPB	86	83.5	88.5	105.9	2.06	3.93	64.5	102.	53.5	1.7284	.4121	43.7	65.6
SHLE	HG	PPB	40	210.	149.	71.2	.73	.01	162.	257.	149.	2.1729	.4183	109.	203.
SLTE	HG	PPB	37	44.5	57.7	129.7	2.51	5.60	25.2	63.7	27.9	1.4455	.3732	20.9	37.1
QZMZ	HG	PPB	23	19.0	9.09	47.8	1.88	1.87	15.1	22.9	17.6	1.2459	.1567	15.1	20.6
ARNT	HG	PPB	58	29.0	24.0	82.6	2.70	9.48	22.7	35.3	23.4	1.3695	.2630	20.0	27.5
DLMT	HG	PPB	62	47.4	44.3	93.5	1.58	1.57	36.2	58.7	33.3	1.5221	.3559	27.0	41.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	HG	PPB	475	15.000	46.000	109.000	245.000	300.000	397.000	485.000	564.000	689.000	784.000
CGLM	HG	PPB	82	15.000	40.000	90.000	172.000	206.000	255.000	301.000	480.000	576.000	576.000
SLSN	HG	PPB	113	15.000	15.000	30.000	55.000	61.000	91.000	157.000	209.000	272.000	272.000
LMSN	HG	PPB	86	15.000	15.000	63.000	91.000	112.000	259.000	311.000	323.000	448.000	448.000
SHLE	HG	PPB	40	15.000	97.000	191.000	326.000	342.000	417.000	508.000	634.000	634.000	634.000
SLTE	HG	PPB	37	15.000	15.000	15.000	41.000	68.000	121.000	220.000	259.000	259.000	259.000
QZMZ	HG	PPB	23	15.000	15.000	15.000	15.000	15.000	37.000	45.000	45.000	45.000	45.000
ARNT	HG	PPB	58	15.000	15.000	15.000	37.000	40.000	57.000	79.000	149.000	149.000	149.000
DLMT	HG	PPB	62	15.000	15.000	33.000	54.000	77.000	128.000	154.000	191.000	191.000	191.000

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	
GLAV	SB	PPM	475	3.95	4.64	117.4	4.49	36.08	3.53	4.37	2.29	.3602	.4905	2.07	2.54
CGLM	SB	PPM	82	4.39	3.64	83.0	2.02	6.36	3.59	5.19	3.05	.4845	.4179	2.47	3.77
SLSN	SB	PPM	113	2.53	4.09	161.5	3.24	11.44	1.77	3.29	1.24	.0930	.4830	1.01	1.52
LMSN	SB	PPM	86	2.33	3.32	142.5	5.03	31.86	1.62	3.04	1.40	.1449	.4450	1.12	1.74
SHLE	SB	PPM	40	7.50	5.48	73.0	1.24	1.86	5.76	9.25	5.60	.7486	.3635	4.29	7.32
SLTE	SB	PPM	37	1.05	1.34	127.6	3.47	14.62	.603	1.49	.628	-.2021	.4356	.449	.877
QZMZ	SB	PPM	23	1.25	1.16	93.0	1.76	3.16	.750	1.75	.880	-.0555	.3686	.610	1.27
ARNT	SB	PPM	58	.691	.847	122.6	2.79	8.01	.469	.914	.456	-.3412	.3589	.367	.566
DLMT	SB	PPM	62	2.00	1.93	96.3	2.26	4.99	1.51	2.49	1.46	.1653	.3281	1.21	1.77

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	SB	PPM	475	.200	1.100	2.700	5.400	6.200	8.400	10.900	15.100	21.800	54.500
CGLM	SB	PPM	82	.200	1.900	3.700	5.600	7.200	9.300	10.500	16.300	22.200	22.200
SLSN	SB	PPM	113	.200	.600	1.000	2.300	2.800	7.100	13.500	21.700	24.500	24.500
LMSN	SB	PPM	86	.200	.800	1.600	2.500	2.800	4.000	8.900	9.800	26.600	26.600
SHLE	SB	PPM	40	.800	3.400	6.900	10.900	12.700	13.600	18.600	26.300	26.300	26.300
SLTE	SB	PPM	37	.200	.200	.600	1.700	1.900	2.200	2.600	7.700	7.700	7.700
QZMZ	SB	PPM	23	.200	.400	.800	1.900	1.900	3.000	5.100	5.100	5.100	5.100
ARNT	SB	PPM	58	.200	.200	.400	.700	.800	1.700	3.000	4.600	4.600	4.600
DLMT	SB	PPM	62	.200	.900	1.300	2.300	2.900	4.800	7.000	9.400	9.400	9.400

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	
GLAV	CD	PPM	475	4.17	8.11	194.6	6.07	63.22	3.44	4.90	.854	-.0685	.8717	.713	1.02
CGLM	CD	PPM	82	3.65	5.25	143.7	1.98	3.84	2.50	4.81	.898	-.0468	.8527	.583	1.38
SLSN	CD	PPM	113	.474	1.61	338.9	6.29	43.30	.175	.774	.145	-.8394	.4504	.119	.176
LMSN	CD	PPM	86	2.19	4.09	186.6	3.42	13.05	1.31	3.07	.635	-.1973	.7176	.445	.905
SHLE	CD	PPM	40	10.4	11.3	108.0	2.02	4.65	6.83	14.0	5.32	.7256	.6395	3.32	8.51
SLTE	CD	PPM	37	.530	1.55	292.0	4.24	18.07	.143E-01	1.05	.148	-.8289	.4842	.102	.215
QZMZ	CD	PPM	23	.100E+00	.254E-07	.0**********			.100E+00	.100	.100	-1.0000	.0000	.100E+00	.100
ARNT	CD	PPM	58	.157	.280	178.7	5.57	31.89	.832E-01	.231	.113	-.9469	.2345	.981E-01	.130
DLMT	CD	PPM	62	.900	1.57	174.0	2.71	7.76	.502	1.30	.294	-.5321	.6183	.205	.422

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	CD	PPM	475	.100	.100	1.000	5.000	6.500	11.500	17.500	26.000	34.000	110.000
CGLM	CD	PPM	82	.100	.100	1.500	5.400	7.000	12.000	16.000	19.500	25.600	25.600
SLSN	CD	PPM	113	.100	.100	.100	.100	.100	1.000	2.500	9.000	13.500	13.500
LMSN	CD	PPM	86	.100	.100	.900	2.000	2.500	6.000	12.800	18.000	25.000	25.000
SHLE	CD	PPM	40	.100	3.000	6.500	16.000	17.000	24.000	37.000	54.800	54.800	54.800
SLTE	CD	PPM	37	.100	.100	.100	.100	.100	1.500	4.200	8.500	8.500	8.500
QZMZ	CD	PPM	23	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100
ARNT	CD	PPM	58	.100	.100	.100	.100	.100	.100	.600	2.000	2.000	2.000
DLMT	CD	PPM	62	.100	.100	.100	1.100	1.500	2.600	4.800	8.100	8.100	8.100

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	
GLAV	LOI	PCT	475	8.91	6.78	76.1	3.28	15.69	8.30	9.52	7.32	.8647	.2669	6.93	7.74
CGLM	LOI	PCT	82	7.68	6.07	79.1	3.94	22.71	6.35	9.02	6.09	.7849	.3223	5.18	7.17
SLSN	LOI	PCT	113	6.86	5.08	74.1	1.91	4.50	5.91	7.80	5.43	.7348	.3019	4.77	6.18
LMSN	LOI	PCT	86	6.51	6.27	96.4	2.38	6.56	5.16	7.85	4.55	.6580	.3738	3.78	5.47
SHLE	LOI	PCT	40	6.50	3.12	47.9	.19	-.81	5.50	7.49	5.64	.7512	.2539	4.68	6.80
SLTE	LOI	PCT	37	5.54	2.45	44.3	.66	.01	4.72	6.36	5.00	.6994	.2052	4.28	5.86
QZMZ	LOI	PCT	23	4.47	2.58	57.6	-.09	-.86	3.36	5.59	3.36	.5264	.4054	2.25	5.03
ARNT	LOI	PCT	58	6.43	6.63	103.2	4.17	21.08	4.69	8.17	4.94	.6937	.2920	4.14	5.89
DLMT	LOI	PCT	62	3.79	3.58	94.4	2.46	8.52	2.88	4.70	2.68	.4278	.3647	2.16	3.31

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	LOI	PCT	475	.750	5.150	7.150	10.500	11.900	15.000	19.150	28.600	44.800	59.350
CGLM	LOI	PCT	82	.300	4.500	7.300	9.500	10.250	12.050	16.650	23.000	48.150	48.150
SLSN	LOI	PCT	113	.750	3.450	5.750	9.100	10.000	12.350	17.850	25.900	28.850	28.850
LMSN	LOI	PCT	86	.400	2.300	4.800	7.350	8.000	14.700	20.450	32.800	33.550	33.550
SHLE	LOI	PCT	40	1.200	4.200	6.200	9.100	9.750	10.950	12.150	13.250	13.250	13.250
SLTE	LOI	PCT	37	1.750	3.850	5.500	6.400	7.650	9.450	10.800	11.650	11.650	11.650
QZMZ	LOI	PCT	23	.350	2.050	5.000	6.800	6.850	7.250	9.750	9.750	9.750	9.750
ARNT	LOI	PCT	58	1.300	3.150	4.800	7.300	8.050	10.150	20.600	46.200	46.200	46.200
DLMT	LOI	PCT	62	.500	1.250	2.500	4.700	5.650	8.100	10.900	21.700	21.700	21.700

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	
GLAV	P205	PCT	474	.336	.227	67.5	1.59	2.50	.315	.356	.277	-.5569	.2637	.263	.293
CGLM	P205	PCT	82	.279	.255	91.4	5.35	36.23	.223	.335	.232	-.6353	.2387	.205	.261
SLSN	P205	PCT	113	.218	.853E-01	39.2	1.45	2.04	.202	.233	.204	-.6907	.1531	.191	.218
LMSN	P205	PCT	86	.268	.192	71.7	2.90	14.37	.227	.309	.218	-.6618	.2885	.189	.251
SHLE	P205	PCT	40	.502	.336	67.1	1.27	1.30	.394	.609	.407	-.3907	.2905	.328	.504
SLTE	P205	PCT	37	.178	.737E-01	41.5	1.68	4.17	.153	.202	.165	-.7817	.1634	.146	.187
QZMZ	P205	PCT	23	.308	.142	46.2	2.69	8.78	.247	.370	.287	-.5426	.1607	.244	.336
ARNT	P205	PCT	58	.151	.647E-01	42.8	3.40	13.70	.134	.168	.143	-.8456	.1349	.132	.155
DLMT	P205	PCT	62	.194	.183	94.4	3.05	10.85	.148	.241	.146	-.8348	.3225	.121	.177

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	P205	PCT	474	.070	.160	.250	.440	.480	.640	.850	1.030	1.100	1.280
CGLM	P205	PCT	82	.070	.160	.230	.300	.340	.480	.660	.760	2.180	2.180
SLSN	P205	PCT	113	.090	.160	.180	.250	.270	.340	.410	.500	.530	.530
LMSN	P205	PCT	86	.020	.160	.230	.340	.390	.500	.570	.620	1.440	1.440
SHLE	P205	PCT	40	.110	.270	.440	.660	.690	.960	1.310	1.540	1.540	1.540
SLTE	P205	PCT	37	.090	.140	.160	.210	.230	.250	.320	.460	.460	.460
QZMZ	P205	PCT	23	.140	.230	.300	.340	.370	.410	.870	.870	.870	.870
ARNT	P205	PCT	58	.090	.110	.140	.160	.180	.210	.210	.480	.480	.480
DLMT	P205	PCT	62	.020	.090	.160	.230	.270	.340	.660	1.100	1.100	1.100

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	
GLAV	BA	PCT	473	.305	.649	212.9	6.76	56.64	.246	.363	.146	-.8362	.4800	.132	.161
CGLM	BA	PCT	82	.358	.911	254.7	6.53	44.64	.157	.558	.184	-.7355	.4096	.149	.226
SLSN	BA	PCT	113	.139	.190	136.0	2.42	5.61	.104	.175	.805E-01	-1.0944	.4033	.677E-01	.957E-01
LMSN	BA	PCT	86	.121	.184	152.9	4.35	21.32	.810E-01	.160	.704E-01	-1.1527	.4291	.569E-01	.870E-01
SHLE	BA	PCT	40	.955	2.27	237.6	3.84	14.02	.230	1.68	.339	-.4694	.5347	.229	.503
SLTE	BA	PCT	36	.733E-01	.732E-01	99.8	4.33	20.00	.486E-01	.981E-01	.603E-01	-1.2200	.2303	.504E-01	.721E-01
QZMZ	BA	PCT	23	.778E-01	.431E-01	55.3	2.59	5.98	.592E-01	.964E-01	.711E-01	-1.1482	.1693	.601E-01	.841E-01
ARNT	BA	PCT	58	.436E-01	.185E-01	42.4	4.33	25.21	.388E-01	.485E-01	.413E-01	-1.3845	.1374	.380E-01	.448E-01
DLMT	BA	PCT	62	.102	.147	144.4	2.31	4.74	.646E-01	.139	.489E-01	-1.3108	.5135	.362E-01	.660E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GLAV	BA	PCT	473	.010	.060	.140	.290	.350	.640	.920	2.760	3.730	7.570
CGLM	BA	PCT	82	.010	.120	.160	.310	.380	.460	.690	4.070	7.380	7.380
SLSN	BA	PCT	113	.030	.040	.050	.130	.210	.490	.640	.830	1.010	1.010
LMSN	BA	PCT	86	.010	.040	.070	.120	.140	.240	.380	1.070	1.230	1.230
SHLE	BA	PCT	40	.040	.190	.340	.540	.740	2.140	8.810	11.700	11.700	11.700
SLTE	BA	PCT	36	.030	.050	.050	.070	.090	.140	.160	.460	.460	.460
QZMZ	BA	PCT	23	.050	.060	.070	.080	.080	.180	.230	.230	.230	.230
ARNT	BA	PCT	58	.020	.040	.040	.050	.050	.050	.070	.160	.160	.160
DLMT	BA	PCT	62	.010	.020	.050	.080	.150	.310	.530	.660	.660	.660

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O	BA
105I	811002	GLAV	7			+						*	*	+					+				
105I	811005	GLAV	5			+						+	+	*									
105I	811008	GLAV	16	+			+					**	***	*					*	*			+
105I	811014	GLAV	11		+		+					*	+	+					+				***
105I	811015	GLAV	18	+	+		+		*			***	***	+	+				*			+	
105I	811016	GLAV	16		+		+		*			**	***	+	+					+			*
105I	811017	CGLM	8						+			+	*			+		+					*
105I	811018	GLAV	10	+			*	*	+		+									+	*		
105I	811020	SLSN	30	***			*					***	***			***		**		***		***	+
105I	811023	LMSN	32	***	***	+	**	*	**		+	+	**		*			*	+	*			**
105I	811025	GLAV	28	*	***	*	**	**	*	***		*	+		**					*			
105I	811026	GLAV	23	*	+	*	*	+	*			***	*	+	*				*	*			
105I	811028	GLAV	28	*	*	+	*	*		+		***	***	+	**			+	**	*			
105I	811030	GLAV	24	*	+	+	**	*		*	+	**	+		*				*	***			
105I	811031	GLAV	6	+		***						+											
105I	811033	GLAV	21	*	+	+	***	***	+	**					***					+			
105I	811034	CGLM	4						**										+				
105I	811036	LMSN	11	*		*										**		+		+			*
105I	811037	GLAV	30	**	+	***	+		*		+	***	**	+	+				**	*		*	*
105I	811038	GLAV	15	**		***	+	+		+	+	*	+							+			
105I	811039	SHLE	10			+		***		+	*	*											
105I	811045	GLAV	4			*					*												
105I	811047	LMSN	4					+			+					*							
105I	811049	GLAV	6			+					*			**									
105I	811050	GLAV	19		***		***	***		***							+				*		
105I	811051	GLAV	8		*			**		+	*												
105I	811053	GLAV	4																				***
105I	811054	SLSN	6															+		+	***		
105I	811059	LMSN	14		*		*	***		**	**												
105I	811062	GLAV	7			+		*		+	**												
105I	811063	GLAV	14	**		**	+		+			*	+							*			+
105I	811066	SLSN	5			+						+						+			+	+	
105I	811069	CGLM	4																			***	
105I	811070	GLAV	7									+	+						*	+			*
105I	811074	LMSN	28	+	+	***			+			**	***		*	+		+	**	+		*	***
105I	811076	GLAV	23	+	***		**	*		***		+		+	*		+		*	*			
105I	811077	GLAV	13	*		***								*		*		+		+		+	
105I	811078	GLAV	8			*						+	**	+	+								
105I	811079	LMSN	6										+		***	+							
105I	811080	LMSN	4													*					*		
105I	811082	GLAV	20	+			**	*	*	**		+		+				+	*	***			
105I	811088	GLAV	6								*										***		
105I	811089	CGLM	14						*									***		*	***		*
105I	811091	GLAV	29	*	+		*	*			*	***	**		***				**	***			*
105I	811093	GLAV	16	*			*		*			+	+						+	**		+	**
105I	811094	GLAV	13									+			+	**			+	+		*	***
105I	811095	GLAV	15						*			+			+	***		*				*	**
105I	811096	GLAV	14		*				+			+				***		*				*	*
105I	811097	GLAV	8													*	+	*	+			*	
105I	811099	GLAV	8						*							+		**				+	+

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P20	BA
105I	811100	GLAV	8						+			+	+			+		**	+				
105I	811104	SHLE	4							***													
105I	811108	CGLM	18	+	**	**	*	*		**						**				+			
105I	811117	SHLE	11	+												***				+		+	***
105I	811118	GLAV	17	+	***		**	***		***										+			
105I	811119	GLAV	19	*			+		*			*	*			*			+	*		+	***
105I	811122	GLAV	7						+									*			+	**	
105I	811123	GLAV	19	+						**		*	*		*			*		*		***	+
105I	811124	GLAV	11			*							*			**		+				*	+
105I	811126	GLAV	16	+					+				*		*	*		*		+		***	+
105I	811127	GLAV	8													***		+				*	+
105I	811128	GLAV	10						*				*		+	*		+				*	
105I	811129	GLAV	12						*				+		+	*		+				**	*
105I	811130	GLAV	15						*							***		+				***	***
105I	811131	GLAV	5													+						***	
105I	811132	GLAV	8													**						***	+
105I	811134	SHLE	8						+				+					***			*		
105I	811135	GLAV	7													***						**	
105I	811136	GLAV	13						**	+					*			***			+	*	
105I	811137	GLAV	5													+		*				*	
105I	811138	GLAV	5													*		+				*	
105I	811139	GLAV	4													*		+				+	
105I	811140	LMSN	5													+		+				**	
105I	811144	GLAV	4		+											*		+					
105I	811145	GLAV	6						*							+		+			+	+	
105I	811146	GLAV	6													*		*			+	+	
105I	811148	GLAV	4													**						+	
105I	811151	GLAV	5	+			+					+				*							
105I	811152	GLAV	4													**						+	
105I	811154	GLAV	15	+	+				+			+	*			*			+	*		**	+
105I	811156	GLAV	8	+			+						*			+		+				+	+
105I	811157	LMSN	15		+				**				+		+		+	***	+	+		+	+
105I	811158	CGLM	20						***			+	**			***		**	*			**	
105I	811160	GLAV	18	+	*				*			+	*			**			*	+		*	*
105I	811162	CGLM	23	*					+			**	***			+			**	**		*	***
105I	811163	GLAV	7	+									+	+	+				+	+			+
105I	811165	CGLM	7						+				*			+		*				+	
105I	811169	SHLE	4																		***		
105I	811171	GLAV	5				*		+									+				+	
105I	811175	GLAV	4		*													*					
105I	811176	SLTE	5										+			+		+				+	+
105I	811178	LMSN	6						+									**				+	+
105I	811186	LMSN	6							*								*			*		
105I	811197	SLTE	17						*				+			+		***		+	***	*	*
105I	811200	GLAV	4							*	*												
105I	811207	GLAV	12						+			*	**			+		*	+			*	
105I	811212	SHLE	7		*				*							+						*	
105I	811214	SHLE	5						***						+								
105I	811219	GLAV	4			*										+					+		
105I	811223	GLAV	7	+					**					+						+	+		

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O	BA
105I	811225	GLAV	6	+					*			+	+							+			
105I	811226	GLAV	11		+		+		*						**			+		+	*		
105I	811230	CGLM	10						*	+	**							*			*		
105I	811231	SHLE	12	***				+							***					*			+
105I	811232	GLAV	17	**			*					*	*		+				+	**		+	*
105I	811233	GLAV	19	***			+		+			+	***					*	*	*		+	+
105I	811235	GLAV	17	+			+					*	*		+				*	**		*	**
105I	811236	GLAV	20	***	+		*	+				+	+		+			+	+	***		*	+
105I	811237	GLAV	4												+			**					
105I	811238	GLAV	12						+				+					***	+	+		*	*
105I	811239	GLAV	10						*				+		+			***	+			+	
105I	811240	GLAV	6		+													**				+	+
105I	811242	GLAV	12	***			*		+				+							**			+
105I	811243	GLAV	7	+					*									+		+		+	+
105I	811244	GLAV	12	*								**	*	+					+	+			*
105I	811245	GLAV	10	*			+		+			*	*						+	+			
105I	811248	GLAV	4							**											+		
105I	811260	GLAV	6		+												**		*				
105I	811269	GLAV	4																		***		
105I	811271	LMSN	10			**												*			***	+	
105I	811276	GLAV	5	+			+							+					+	+			
105I	811277	GLAV	17		*				***						*			***		+	***		
105I	811280	GLAV	6		*														+	+			*
105I	811286	CGLM	6								*							+			+	*	
105I	811287	CGLM	4								*										+	+	
105I	811289	GLAV	7								***						+				*		
105I	811290	GLAV	11								*			*			**		***				
105I	811294	GLAV	9		**									*	+		*						+
105I	811295	SHLE	8		+					+				***			+				+		
105I	811296	GLAV	8		+		+		*	+									+	+		+	
105I	811299	GLAV	4												*		*						
105I	811300	QZMZ	13									***						+	***		***		
105I	811305	GLAV	4												*		*						
105I	811306	SHLE	8	*			*										***						
105I	811307	SHLE	13						+		+	+	*		+			*	***				+
105I	811310	GLAV	12		*			*						***	+		*				+		
105I	811311	GLAV	7		+						+			***			+						
105I	811316	GLAV	4					*			*												
105I	811323	GLAV	6		*			**			+												
105I	811328	GLAV	4											***									
105I	811336	GLAV	4														*				*		
105I	811339	GLAV	4																		***		
105I	811349	GLAV	4											***									
105I	811354	SLSN	7									*	+						**				+
105I	811359	SLSN	15						***		***	*	+						*			*	
105I	811360	GLAV	12			+			*		***						*		**				
105I	811362	SLSN	7	*	**																		*
105I	811363	SLSN	10		+	*			*										*			+	*
105I	811365	SLSN	4						+		*								+				
105I	811367	GLAV	7								***						*				+		

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P20	BA
105I	811368	SLSN	13								**	***	*						+			**	
105I	811369	GLAV	11						***		+			*	*		*						
105I	811370	GLAV	6						***					*									
105I	811371	GLAV	4								+						+		*				
105I	811372	GLAV	6							*											***		
105I	811374	QZMZ	12							***	***					***							
105I	811375	GLAV	4			+								+	*								
105I	811376	GLAV	13							*	+			*	***		*				*		
105I	811377	GLAV	8			+								**	**	+							
105I	811378	GLAV	7											**	*	*							
105I	811380	QZMZ	7							+	+			+		***							
105I	811388	QZMZ	4			***																	
105I	811390	GLAV	4			*					*												
105I	811392	QZMZ	5					***							+								
105I	811394	GLAV	10			*								***	*		*						
105I	811405	GLAV	4															***					
105I	811413	CGLM	8														***		***				
105I	811418	SLSN	4				+											*				+	
105I	811425	GLAV	6					*		*				*									
105I	811426	GLAV	4					+		*				+									
105I	811429	SLSN	5																	*	**		
105I	811430	GLAV	7					+						+	+		**		+				
105I	811436	SLSN	5		+							+		+	*								
105I	811437	SLSN	5								+	*	*										
105I	811440	SLSN	5						+		*		*										
105I	811442	SLSN	15	*	*		**		*									***		+			+
105I	811443	SLSN	6						*		*	+											+
105I	811444	SLSN	12	+	*				**		+							*					**
105I	811446	SLSN	8						*				*						*				*
105I	811457	GLAV	4															+			**		
105I	811477	GLAV	12		+		+		**						+			**			**		
105I	811478	SLTE	5									*			+						*		
105I	811479	ARNT	9								+	***							*				*
105I	811485	ARNT	4									***											
105I	811486	GLAV	4												**						+		
105I	811491	GLAV	4								*										+	+	
105I	811492	ARNT	7															*	***		+		
105I	811496	GLAV	7			**			***														
105I	811498	GLAV	4															*			*		
105I	811506	SLTE	5	+					+				*							+			
105I	811508	SLTE	4														***						
105I	811511	GLAV	4														*				*		
105I	811513	ARNT	4										*				+		+				
105I	811516	CGLM	7	+		***										*							
105I	811517	SLTE	40	***	+		*		***			***	***	+	*			*	***	***		***	***
105I	811520	ARNT	17		***	***			+				*		*						*	*	
105I	811545	ARNT	4		+								*					+					
105I	811549	ARNT	12	+	*		*	*		+		+		*	+								
105I	811553	ARNT	22						***	***								***		***	***	*	
105I	811554	ARNT	4											***									

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P20	BA
105I	811557	ARNT	5						***			+											
105I	811570	GLAV	5											*			**						
105I	811573	SHLE	5				+						+					+		+	+		
105I	811575	LMSN	7		+				**				+									+	+
105I	811587	ARNT	4														*	+	+				
105I	811596	ARNT	4	+			+	+		+													
105I	811597	ARNT	19	*	+	*	*	*		*		***	+		+		*						
105I	811604	ARNT	14								***				*		***		*		*		
105I	811622	GLAV	6											+			***		+				
105I	811623	GLAV	10			**											**		***				
105I	811628	LMSN	5								+		+	+		+							+
105I	811652	DLMT	7			*				+				*	*								
105I	811654	LMSN	4		+																**		
105I	811657	LMSN	4						**													+	
105I	811662	LMSN	31	+	**	+	*	+				***	*	***	**		***		***			*	
105I	811663	GLAV	4											*	*								
105I	811668	QZMZ	13		+	+	+		***								+	***	+				
105I	811674	QZMZ	6									+	***									+	
105I	811680	LMSN	6	*			+													**			
105I	811700	CGLM	4									+		+						*			
105I	811714	LMSN	10	+			+				***	+			+					*			
105I	811715	GLAV	21	***			***			*	+	***			*					***			
105I	811719	LMSN	18	**	*		***	**				+			+					***			
105I	811722	LMSN	7	+			+					*		+					+	+			
105I	811726	SLSN	5														*	*	+				
105I	811729	GLAV	4		+			+		+				+									
105I	811737	GLAV	5			*					*						+						
105I	811738	SLSN	5						+								+		*	+			
105I	811742	GLAV	13			+			**		**						*		***				
105I	811743	GLAV	6						***		+										+		
105I	811744	SLSN	11								+	+	*				*		***			+	
105I	811745	GLAV	25			**			+		***	*		*	***		***		***			+	
105I	811748	QZMZ	4														***						
105I	811749	GLAV	13								**				***		***				+		
105I	811750	QZMZ	6	+					***														+
105I	811751	QZMZ	17	***	***		***	+															***
105I	811755	GLAV	13		**	+		*			*			+			***						
105I	811756	GLAV	13		***	*		+						*			***						
105I	811759	GLAV	13	*	+		***	+				+		*						*			
105I	811762	DLMT	31	*	*		+		*			*	*		+	***		***	***	*		***	+
105I	811763	LMSN	17									*	*		+	***			*			***	*
105I	811764	SLSN	10					*		***		+				+	*						
105I	811766	DLMT	8						+			+	+			+				+		*	+
105I	811767	DLMT	23	*	*		+		*			*	*	*		*		*	*	*		*	
105I	811768	SHLE	17		***		***	*			+				*					***			
105I	811769	GLAV	4				+					+			+		+						
105I	811776	CGLM	6														**				**		
105I	811787	CGLM	6				+	*				*					+						
105I	811788	CGLM	9		+				+			*			+		*		*				
105I	811790	CGLM	7		**			+		+					*								

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O	BA
105I	811792	CGLM	5			+									*		*						
105I	811795	GLAV	4							+											**		
105I	811799	GLAV	12	*			***					*								*	*		
105I	811802	GLAV	4			+		+						*									
105I	811806	CGLM	12	+			+					***	+	**					+	+			
105I	811809	CGLM	7								***										*	+	
105I	811815	SLSN	7													+		*			*	*	
105I	811819	GLAV	14	**			*	+			+	+		**						**			
105I	811833	DLMT	8		+				*			+	+			+		+		+			
105I	811850	LMSN	7					+		+	*						*		+				
105I	811851	LMSN	7							***	*										+		
105I	811852	DLMT	10							*	***						+				*	+	
105I	811856	DLMT	25	***	*		*					***	***	+	+				+	***			*
105I	811858	DLMT	7									+	+						*	+			*
105I	811870	DLMT	7		+		*	+		+	*												
105I	811876	LMSN	7					+	***	*													
105I	811877	DLMT	4						***														
105I	811884	DLMT	6					*							+		*				+		
105I	811885	DLMT	7			+		*			+						*				+		
105I	811888	GLAV	4			*												*					
105I	811889	GLAV	16	+	*		*	**		*	**				+				*				
105I	811890	GLAV	6				+	*		+	*												
105I	811892	SLTE	13		*		+	+			*	+		*			+			*		+	
105I	811893	SLTE	8	+		*	+	***															
105I	811894	SLTE	7				+	+						+		***							
105I	811895	SLTE	13	*	+	+	***	***			+												
105I	811897	LMSN	4				+	+		+	+												
105I	811899	DLMT	5	+			+		*														+
105I	811902	DLMT	12	+		***												*				+	***
105I	811909	DLMT	23		***	*	***	***		***	+						***						
105I	811919	LMSN	6	+	+	+	+	*															
105I	811920	SHLE	5					+			***												
105I	811934	DLMT	4																		***		
105I	811937	SLSN	4					+		*					+								
105I	811940	SHLE	4							***													
105I	811944	LMSN	6											**	*		+						
105I	811947	SLSN	26	*			*					***	**	***	*	+				**		+	***
105I	811948	SLSN	11	+								*	+	+	+	*				*		+	
105I	811950	SLSN	6	+			+	+						+	*								
105I	811951	CGLM	6											*	***								
105I	811954	GLAV	5											*									**
105I	811960	CGLM	17	**			**	***		*				+						+			**
105I	811962	CGLM	17	*	***		+	**				+		*	**						+		
105I	811966	GLAV	14		**			+	*		***					+	*				+		
105I	811968	GLAV	8								**			*					**				
105I	811970	CGLM	5											***	+								
105I	811972	CGLM	7				*			***										+			
105I	811976	GLAV	12		**		*	***		*				+									
105I	813017	GLAV	8	***			*			*													
105I	813031	SLSN	9											*	***			+				*	

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BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 20
DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	MO	V	W	U	F	AS	HG	SB	CD	LOI	P2O	BA
105I	813032	SLSN	5			***											+						
105I	813033	SLSN	4			*											*						
105I	813034	SLSN	4											*	*								
105I	813036	SLSN	8			***											***						
105I	813044	SLSN	7													**					+	*	
105I	813052	SLSN	13	+	***		*	*												*	+		
105I	813053	SLSN	14	*	*		***	***		*													
105I	813054	SLSN	13	**			*	*					*		+					*		+	
105I	813058	SLSN	4			+		+		*													
105I	813064	SLSN	4			+											**						
105I	813068	SLSN	5		*			*		+													
105I	813069	SLSN	9					**		***					*								
105I	813072	DLMT	9											***	***		+						
105I	813073	QZMZ	12											***	***							***	
105I	813085	GLAV	4									+	*						+				
105I	813086	GLAV	21	*	+	*	+					**	***		+				***	**			
105I	813088	GLAV	5									+	*										*
105I	813098	GLAV	6					+		***	+												
105I	813106	ARNT	21	***	*	+	***	***		*					+	+				*			
105I	813108	ARNT	4				+	+														*	
105I	813109	ARNT	5		+	+								*		+							
105I	813110	GLAV	11		*	+	*	***		+					+								
105I	813120	ARNT	6								+					+						*	*
105I	813122	ARNT	25	*				+	*	+	*		***			*			+	*		***	***
105I	813124	GLAV	4							*	*												
105I	813129	GLAV	8			***		+										+					*
105I	813132	SLTE	11		***	+				+					***						+		
105I	813133	SLTE	10			***								***		*							
105I	813138	SLTE	8							***	***												
105I	813142	ARNT	4												***								
105I	813146	GLAV	4							**							+						
105I	813155	ARNT	7								+			*		***							
105I	813166	LMSN	4							+	+			*									
105I	813170	SLSN	4							*				*									
105I	813171	SLSN	5											**		*							
105I	813173	CGLM	19	***	*		***	+		*			+						+	***			
105I	813174	SHLE	8			*										*						***	
105I	813175	SHLE	4			+								+									*
105I	813177	SHLE	10									***	***	+					+				
105I	813178	SHLE	5			***								+									