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* OPEN FILE 561 *
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OPEN FILE 561 (REVISED, 1980) IS ONE OF TWO OPEN FILES (561 AND 562) COVERING THE TOTAL NORTHERN BRITISH COLUMBIA SURVEY AREA.
REVISED FILE INCLUDES URANIUM CONTENT OF WATERS.

THE RECONNAISSANCE SURVEY WAS UNDERTAKEN BY THE GEOLOGICAL SURVEY OF CANADA IN CONJUNCTION WITH THE BRITISH COLUMBIA DEPARTMENT OF MINES AND PETROLEUM RESOURCES UNDER THE TERMS OF THE CANADA-BRITISH COLUMBIA AGREEMENT ON A URANIUM RECONNAISSANCE PROGRAM.

E.H.W. HORNBROOK DIRECTED GEOLOGICAL SURVEY OF CANADA ACTIVITIES.
S.B. BALLANTYNE, REGIONAL GEOCHEMIST, WAS RESPONSIBLE FOR PLANNING, COORDINATING AND SUPERVISING FIELD OPERATIONS.
CONTRACTS LET FOR SAMPLE COLLECTION, PREPARATION AND ANALYSIS WERE SUPERVISED AND/OR MONITORED BY STAFF OF THE GEOCHEMISTRY SECTION AS FOLLOWS:

COLLECTION
- STAFF AND EQUIPMENT PROVIDED BY BEMA INDUSTRIES LIMITED. LANGLEY, BRITISH COLUMBIA. LIFTAIR INTERNATIONAL, CALGARY
- S.B. BALLANTYNE.
- G. NORDIN (BRITISH COLUMBIA MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES)

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

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

AT THE GEOLOGICAL SURVEY OF CANADA, N.G. LUND WAS RESPONSIBLE FOR OPEN FILE PRODUCTION AND DATA MANAGEMENT AND WAS SUPPORTED BY F. WILLIAMS OF THE CARTOGRAPHIC SECTION WHO SUPERVISED MAP PREPARATION.
PLOTTING FACILITIES WERE MADE AVAILABLE THROUGH THE GEOLOGICAL SURVEY OF CANADA AND COMPUTER SCIENCE CENTER OF E.M.R.

PROVINCIAL LIASON WAS WITH N.C. CARTER, BRITISH COLUMBIA MINISTRY OF ENERGY, MINES AND PETROLEUM RESOUCES.

STREAM SEDIMENT AND WATER SAMPLES WERE COLLECTED AT AN AVERAGE DENSITY OF ONE SAMPLE PER 13 SQUARE KILOMETRES (5 SQUARE MILES) THROUGHOUT THE 25,900 SQUARE KILOMETRE (9,600 SQUARE MILE) TOTAL NORTHERN BRITISH COLUMBIA SURVEY AREA.
THE HELICOPTER AND 4-WHEEL DRIVE TRUCK SUPPORTED SAMPLE COLLECTION WAS CARRIED OUT DURING THE SUMMER OF 1978.
A TOTAL OF 80 LAKE SEDIMENTS AND WATERS WERE ALSO COLLECTED DURING THE SURVEY.
LAKES ARE SHOWN ON THE MAPS BY A DOT (.) RATHER THAN BY A PLUS SIGN (+).
A SEPERATE STATISTICAL EVALUATION WAS CARRIED OUT ON THE LAKE SEDIMENT AND WATER DATA.
SAMPLE SITE DUPLICATE SAMPLES WERE ROUTINELY COLLECTED IN EACH ANALYTICAL BLOCK OF TWENTY SAMPLES.

IN OTTAWA, FIELD DRIED SAMPLES WERE AIR-DRIED AND THE MINUS 80 MESH (177 MICRONS) FRACTION WAS OBTAINED AND THEN BALL MILLED FOR SUBSEQUENT ANALYSES.
AS REQUIRED, AT THIS TIME, CONTROL REFERENCE AND BLIND DUPLICATE SAMPLE POSITIONS IN EACH ANALYTICAL BLOCK OF TWENTY SEDIMENT SAMPLES WERE FILLED.
THE CONTROL REFERENCE AND BLIND DUPLICATE SAMPLE POSITIONS IN EACH ANALYTICAL BLOCK OF TWENTY WATER SAMPLES WERE FILLED IN BRITISH COLUMBIA AT THE BASE CAMP.

THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN, FE, MO AND W IN STREAM SEDIMENTS WAS CARRIED OUT BY CHEMEX LABS LIMITED.

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

THE DETERMINATION OF LOSS ON IGNITION WAS CARRIED OUT BY THE GEOLOGICAL SURVEY OF CANADA.

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

FOR THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN AND FE, A 1 GRAM SAMPLE WAS REACTED WITH 3 ML OF CONCENTRATED HNO3 IN A TEST-TUBE FOR 30 MINUTES AT 90C.
AT THIS POINT, 1 ML CONCENTRATED HCL WAS ADDED AND THE DIGESTION WAS CONTINUED AT 90C FOR AN ADDITIONAL 90 MINUTES.
THE SAMPLE SOLUTION WAS THEN DILUTED TO 20 ML WITH METAL FREE WATER AND MIXED.
ZN, CU, PB, NI, CO, AG, MN AND FE WERE DETERMINED BY ATOMIC ABSORTION SPECTROSCOPY USING AN AIR-ACETYLENE FLAME.
BACKGROUND CORRECTIONS WERE MADE FOR PB, NI, CO AND AG.

MOLYBDENUM WAS DETERMINED BY ATOMIC ABSORTION SPECTROSCOPY USING A NITROUS OXIDE-ACETYLENE FLAME.
A 0.5 GRAM SAMPLE WAS REACTED WITH 1.5 ML CONCENTRATED HNO3 AT 90C FOR 30 MINUTES.
AT THIS POINT 0.5 ML CONCENTRATED HCL WAS ADDED AND THE DIGESTION WAS CONTINUED AT 90C FOR AN ADDITIONAL 90 MINUTES.
AFTER COOLING, 8 ML OF 1250 PPM AL SOLUTION WERE ADDED AND THE SAMPLE SOLUTION WAS DILUTED TO 10 ML BEFORE ASPIRATION.

URANIUM WAS DETERMINED USING A NEUTRON ACTIVATION METHOD WITH DELAYED NEUTRON COUNTING.
A DETAILED DESCRIPTION OF THE METHOD IS PROVIDED BY BOULANGER ET AL. (1975).
IN BRIEF, A 1 GRAM SAMPLE IS WEIGHED INTO A 7 DRAM POLYETHYLENE VIAL, CAPPED AND HEAT SEALED.
THE IRRADIATION IS PROVIDED BY THE SLOWPOKE REACTOR WITH AN OPERATING FLUX OF 10**12 NEUTRONS/SQ. CM./SEC.
THE SAMPLES ARE PNEUMATICALLY TRANSFERRED FROM AN AUTOMATIC LOADER TO THE

REACTOR, WHERE EACH SAMPLE IS IRRADIATED FOR 60 SECONDS.
AFTER IRRADIATION, THE SAMPLE IS AGAIN TRANSFERRED PNEUMATICALLY TO THE COUNTING FACILITY WHERE AFTER A 10 SECOND DELAY THE SAMPLE IS COUNTED FOR 60 SECONDS WITH SIX BF3 DETECTOR TUBES EMBEDDED IN PARRAFIN.
FOLLOWING COUNTING, THE SAMPLES ARE AUTOMATICALLY EJECTED INTO A SHIELDED STORAGE CONTAINER.
CALIBRATION IS CARRIED OUT TWICE A DAY AS A MINIMUM USING NATURAL MATERIALS OF KNOWN URANIUM CONCENTRATION.

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

TUNGSTEN WAS DETERMINED AS FOLLOWS: A 0.2 GRAM SAMPLE OF STREAM SEDIMENT WAS FUSED WITH 1 GRAM KHSO4 IN A RIMLESS TEST TUBE AT 575C FOR 15-20 MINUTES IN A FURNACE. THE COOLED MELT WAS THEN LEACHED WITH 10 ML CONCENTRATED HCL IN A WATER BATH HEATED TO 85C. AFTER THE SOLUBLE MATERIAL HAD COMPLETELY DISSOLVED, THE INSOLUBLE MATERIAL WAS ALLOWED TO SETTLE AND AN ALIQUOT OF 5 ML WAS TRANSFERRED TO ANOTHER TEST TUBE. 5 ML OF 20% SNCL2 SOLUTION WERE THEN ADDED TO THE SAMPLE ALIQUOT, MIXED AND HEATED FOR 10 MINUTES AT 85C IN A HOT WATER BATH. A 1 ML ALIQUOT OF DITHIOL SOLUTION (1% DITHIOL IN ISO-AMYL ACETATE) WAS ADDED TO THE TEST SOLUTION AND THE TEST SOLUTION WAS THEN HEATED OVERNIGHT AT 80-85C IN A HOT WATER BATH. THE TEST SOLUTION WAS THEN REMOVED FROM THE HOT WATER BATH, COOLED AND 3.0 ML OF KEROSENE ADDED TO DISSOLVE THE GLOBULE CONTAINING THE TUNGSTEN-DITHIOL COMPLEX. THE ABSORBANCE OF THE KEROSENE SOLUTION WAS MEASURED AT 630 NM USING A SPECTROPHOTOMETER.

URANIUM WAS DETERMINED IN THE WATER SAMPLES BY A FLUOROMETRIC METHOD. THE URANIUM WAS INITIALLY PRECONCENTRATED BY EVAPORATION. THE RESIDUE AFTER EVAPORATION WAS FUSED WITH A MIXTURE OF NA2CO3, K2CO3 AND NAF IN A PLATINUM DISH, AFTER COOLING THE FLOURESCENCE OF THE FUSED PELLET WAS MEASURED USING A TUNER FLUOROMETER MODEL 111.

FLUORIDE IN STREAM WATER SAMPLES WAS DETERMINED USING A SPECIFIC ION ELECTRODE. AN ALIQUOT OF THE SAMPLE WAS MIXED WITH AN EQUAL VOLUME OF A TISAB SOLUTION (TOTAL IONIC STRENTH ADJUSTMENT BUFFER). THE FLUORIDE WAS MEASURED USING ORION SELECTIVE AND REFERENCE ELECTRODES AND AN ORION ELECTOMETER.

FOR THE DETERMINATION OF PH AN ALIQUOT OF THE WATER SAMPLE WAS TRANSFERRED TO A CLEAN DRY BEAKER. THE PH WAS MEASURED USING GLASS AND CALOMEL ELECTRODES WITH AN ORION ELECTOMETER.

ON RECEIPT, FIELD AND ANALYTICAL DATA WERE PUNCHED ONTO 80 COLUMN CARDS AND ALL SUBSEQUENT PROCESSING WAS CARRIED OUT WITH THE AID OF COMPUTERS.
THE FIELD DATA WERE RECORDED BY THE FIELD CONTRACT STAFF ONTO STANDARD GEOCHEMICAL STREAM WATER AND SEDIMENT SAMPLE FIELD CARDS (REV. 77) USED BY THE GEOLOGICAL SURVEY OF CANADA.

THE SAMPLE SITE POSITIONS WERE MARKED ON APPROPRIATE 1/250,000 SCALE NTS MAPS IN THE FIELD.
THESE MAPS WERE DIGITIZED AT THE GEOLOGICAL SURVEY IN OTTAWA TO OBTAIN THE SAMPLE SITE UTM COORDINATES.
THE DOMINANT ROCK TYPES IN THE STREAM CATCHMENT BASINS WERE IDENTIFIED ON A GEOLOGICAL MAP WITH A MODIFIED LEGEND COMPILED BY G.D. NORDIN AND S.B. BALLANTYNE FOR THE NGR GEOCHEMICAL MAPS.
GEOLOGICAL SOURCES ARE GIVEN IN THE REFERENCES.

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

ELEMENT		ANAL. CARD	COLUMNS	DETECTION LIMIT	
SEDIMENT					
ZN		1	21-25	2	1
CU		1	26-30	2	1
PB		1	31-35	2	1
NI		1	36-40	2	1
CO		1	41-45	2	1
AG		1	46-50	0.2	0.1
MN		1	51-55	5	2
FE	%	1	56-60	0.02	0.01
MO		1	66-70	2	1
W		1	71-75	4	2
LOI	%	1	76-79	1	0.5
U		2	21-25	0.2	0.1
WATER					
U	PPB	3	21-25	0.05	0.02
F	PPB	3	26-30	20	10
PH		3	31-35		

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

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

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

REFERENCES

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GARRETT, R.G. (1974) FIELD DATA AQUISITION METHODS FOR APPLIED GEOCHEMICAL SURVEYS AT THE GEOLOGICAL SURVEY OF CANADA: GEOL SURV. CAN. PAPER 74-52

G.S.C. OPEN FILE 214 (JUNE,1974) ISKUT RIVER BRITISH COLUMBIA.

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
PRPS-	PRECIPITATE OR STAIN ON SEDIMENTS AT SAMPLE SITE
PRPB-	DISTINCTIVE PRECIPITATE, STAIN, WEATHERING, BLOOMS ON ROCKS IN THE IMMEDIATE CATCHMENT AREA
PHYS-	GENERAL PHSYIOGRAPHY
PATT-	DRAINAGE PATTERN
TYPE-	STREAM TYPE
CLSS-	STREAM CLASS
SRCE-	SOURCE OF WATER

DATA LIST LEGEND (CONT'D)

ROCK TYPE:
- TILL- TILL
- LMSN- LIMESTONE
- GNSS- GNEISS
- DLMT- DOLOMITE
- CHRT- CHERT
- TUFF- TUFF
- GRNS- GREENSTONE
- SRPN- SERPENTINITE
- QZMZ- QUARTZ MONZONITE
- PLLT- PHYLLITE
- QRZD- QUARTZ DIORITE
- GRNT- GRANITE
- GRCK- GRAYWACKE

AGE:
- 08- PROTEROZOIC - CAMBRIAN
- 25- DEVONIAN
- 29- DEVONIAN - CARBONEFEROUS
- 30- CARBONIFEROUS
- 46- TIRASSIC - JURASSIC
- 48- JURASSIC LOWER
- 51- JURASSIC - CRETACEOUS
- 52- CRETACEOUS
- 53- CRETACEOUS LOWER
- 57- TERTIARY UNDIVIDED
- 63- TERTIARY - QUATERNARY
- 64- QUATERNARY

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

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

CONT:
- 0- NONE
- 1- POSSIBLE

BANK:
- 2- COLLUVIAL (RESIDUAL & MOUNTAIN SOILS)
- 3- GLACIAL TILL, TILLITE
- 5- BARE ROCK
- 6- TALUS, SCREE
- 7- ORGANIC PREDOMINANT

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

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

SCOL:
- 1- RED, BROWN
- 2- WHITE, BUFF
- 3- BLACK
- 6- GREY, BLUE-GREY

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

PRPS:
- 0- NONE
- 1- RED, BROWN
- 6- GREY

PRPB:
- 0- FEATURELESS
- 1- RED, BROWN
- 4- YELLOW
- 5- GREEN

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

PATT:
- 0- POORLY DEFINED, HAPHAZARD
- 1- DENDRITIC
- 2- HERRING BONE
- 5- DISCONTINUOUS SHIELD TYPE (CHAINS OF LAKES, SWAMPS)

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

CLSS:
- 0- UNDEFINED
- 2- SECONDARY
- 3- TERTIARY
- 4- QUATERNARY

SRCE:
- 1- GROUNDWATER
- 2- SNOW MELT OR SPRING RUN-OFF

DATA LIST LEGEND (CONT'D)

ZN-	ZINC BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
CU-	COPPER BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
PB-	LEAD BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
NI-	NICKEL BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
CO-	COBALT BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
AG-	SILVER BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
MN-	MANGANESE BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
FE-	IRON BY ATOMIC ABSORPTION SPECTROSCOPY (PCT)
MO-	MOLYBDENUM BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
W-	TUNGSTON BY COLORIMETRY USING ZINC DITHIOL (PPM)
U-	URANIUM BY DELAYED NEUTRON ACTIVATION (PPM)
U-W-	URANIUM IN WATERS FLUOROMETRICALLY (PPB)
F-W-	FLUORINE IN WATERS BY SPECIFIC ION ELECTRODE (PPB)
PH-	PH BY COMBINATION GLASS - CALOMEL ELECTRODE

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785002	9	357649	6644528	GNSS	30	15	25	6	00	03031	210	1021122	54	20	6	20	8	0.1	665	1.80	1	12	3.0	0.05	98	7.8
1040	785003	9	361880	6643339	TILL	64	4	15	6	00	13021	022	1021222	58	40	3	16	6	0.1	2100	2.15	1	2	2.5	0.24	86	8.1
1040	785004	9	362555	6642025	CHRT	30	1	5	6	00	13021	022	0021322	64	40	7	30	11	0.1	620	2.60	1	2	2.5	3.50	210	8.0
1040	785005	9	364724	6641680	CHRT	30	1	10	6	00	13001	210	0121221	64	20	6	21	10	0.1	790	2.10	1	2	3.1	1.20	220	7.9
1040	785006	9	365463	6641707	CHRT	30	3	5	6	00	13311	130	0021121	44	24	4	20	8	0.1	285	1.80	1	2	3.0	1.70	170	8.0
1040	785007	9	370225	6643852	CHRT	30	8	15	6	00	13033	112	1021122	56	14	7	20	7	0.1	350	1.75	1	25	3.9	0.05	54	8.0
1040	785008	9	372532	6645845	CHRT	30	3	5	6	00	13036	211	0421222	38	18	4	19	7	0.1	275	1.70	1	2	2.7	0.78	84	8.2
1040	785009	9	375502	6648669	CHRT	30	9	10	6	00	13026	211	0021122	64	30	4	25	8	0.1	580	2.35	1	2	2.7	0.22	78	8.0
1040	785010	9	375663	6650064	CHRT	30	20	25	6	00	13031	211	0021122	66	12	3	21	6	0.1	410	1.20	1	2	14.7	0.50	620	7.5
1040	785011	9	439603	6570187	QZMZ	52	3	5	6	00	03021	121	0031341	68	16	3	45	17	0.1	425	3.00	1	2	9.7	0.05	34	7.0
1040	785012	9	437517	6567584	QZMZ	52	10	15	6	10	03021	210	0031131	56	8	4	13	7	0.1	350	2.00	1	2	5.9	0.05	20	7.0
1040	785013	9	437517	6567584	QZMZ	52	10	15	6	20	03021	210	0031131	60	8	5	15	8	0.1	310	2.10	1	2	5.9	0.05	10	6.9
1040	785014	9	434865	6566649	QZMZ	52	8	5	6	00	03021	031	0031342	62	16	8	19	9	0.1	330	2.30	1	2	6.1	0.05	20	7.1
1040	785015	9	436933	6563692	QZMZ	52	8	10	6	00	03031	120	0031142	50	16	6	18	9	0.1	260	2.05	2	2	5.7	0.05	10	6.8
1040	785016	9	437522	6561954	QZMZ	52	10	10	6	00	03031	121	0031142	102	32	22	32	16	0.1	490	3.45	2	2	6.2	0.05	10	6.8
1040	785017	9	440410	6561872	QZMZ	52	6	5	6	00	03021	120	0031142	92	10	10	13	8	0.1	560	2.80	2	2	16.9	0.05	10	7.2
1040	785018	9	438920	6556493	QZMZ	52	10	10	6	00	03031	121	0031131	44	16	6	16	7	0.1	255	1.75	1	2	6.0	0.05	10	7.1
1040	785019	9	435550	6558813	QZMZ	52	15	5	6	00	03021	111	0031141	96	20	8	25	14	0.1	860	3.80	3	2	11.4	0.05	20	7.1
1040	785022	9	432718	6559918	QZMZ	52	8	5	6	00	03031	120	0031141	58	12	7	18	8	0.1	240	2.40	1	2	7.7	0.05	10	7.1
1040	785023	9	431579	6561536	QZMZ	52	3	5	6	00	03031	021	0031141	68	14	7	20	8	0.1	200	2.45	1	7	12.9	0.05	22	7.2
1040	785025	9	431632	6563736	QZMZ	52	8	10	6	00	03031	121	0031132	80	16	10	21	12	0.1	420	2.95	1	2	8.7	0.05	26	7.3
1040	785026	9	425033	6557983	QZMZ	52	8	10	6	00	03031	121	0031132	46	16	2	16	8	0.1	290	1.95	1	2	6.2	0.05	10	7.2
1040	785027	9	422135	6558727	QZMZ	52	6	5	6	00	03031	220	0031132	48	12	9	14	7	0.1	330	1.80	2	2	39.1	0.05	10	7.2
1040	785028	9	419534	6562002	QZMZ	52	10	5	6	00	03031	121	0031131	96	22	4	88	26	0.1	620	5.10	1	2	4.6	0.05	46	7.4
1040	785029	9	422759	6563242	GNSS	30	3	5	6	00	03031	111	0031342	90	30	16	35	15	0.1	590	3.15	1	2	4.2	0.12	20	8.0
1040	785030	9	422177	6566080	GNSS	30	7	5	6	00	03031	021	0031132	245	30	42	31	15	0.1	400	3.00	1	2	6.6	0.05	72	7.8
1040	785031	9	420539	6567061	QZMZ	52	6	10	6	00	03031	111	0031132	80	16	5	40	11	0.1	270	2.30	6	2	5.4	0.05	500	7.1
1040	785032	9	419425	6568653	QZMZ	52	16	10	6	00	03021	211	0031131	106	24	4	69	26	0.1	620	5.10	3	2	22.0	0.05	570	7.0
1040	785033	9	419297	6568077	QZMZ	52	15	10	6	00	03021	121	0031131	134	18	18	24	11	0.3	740	2.00	5	2	117.0	0.05	510	7.0
1040	785034	9	415774	6564516	TILL	64	10	5	6	00	03021	111	0031131	60	18	3	61	20	0.5	440	3.25	1	2	4.8	0.05	76	7.3
1040	785035	9	413266	6567426	TILL	64	6	5	6	10	03023	220	0031131	74	30	1	42	27	0.1	690	5.00	2	2	1.1	0.05	44	7.7
1040	785036	9	413266	6567426	TILL	64	6	5	6	20	03023	220	0031131	74	28	1	35	24	0.1	690	5.00	2	2	1.1	0.05	42	7.5
1040	785037	9	412920	6563343	QZMZ	52	10	10	6	00	03036	120	0031131	70	24	1	78	25	0.1	570	4.40	1	2	5.3	0.05	36	7.1
1040	785038	9	412805	6560941	GNSS	30	6	5	6	00	03031	111	0031141	54	20	3	50	8	0.1	240	2.10	2	2	7.3	0.05	34	7.0
1040	785039	9	415313	6561747	TUFF	63	8	10	6	00	03031	031	0131131	72	22	2	56	17	0.1	390	4.10	1	2	5.2	0.05	74	7.3
1040	785040	9	416093	6561620	QZMZ	52	4	5	6	00	03031	220	0031131	84	12	2	58	20	0.1	480	3.90	1	2	16.6	0.05	20	7.5
1040	785042	9	416812	6557601	QZMZ	52	6	5	6	00	03031	211	0031342	56	14	6	26	6	0.1	370	1.80	1	2	11.7	0.05	26	6.7
1040	785043	9	419523	6554890	QZMZ	52	6	10	6	00	03022	111	0031331	50	12	5	24	7	0.1	370	1.90	4	2	22.3	0.12	46	7.0
1040	785044	9	417814	6551279	QZMZ	52	4	5	6	00	03031	111	0031132	100	14	10	22	8	0.1	420	2.60	6	2	100.0	0.18	42	6.7
1040	785045	9	414992	6549361	GNSS	30	7	5	6	00	03031	210	0031332	78	68	3	58	21	0.1	630	2.85	3	2	10.8	0.05	32	7.0
1040	785046	9	410049	6545497	TILL	64	1	5	6	00	07011	121	0031341	50	20	3	22	8	0.1	545	2.00	1	2	2.8	0.10	36	7.6
1040	785047	9	412377	6543272	QZMZ	48	1	10	6	00	07011	031	0031341	98	24	5	20	7	0.1	540	2.00	2	2	4.2	0.05	20	7.2
1040	785048	9	414630	6544038	QZMZ	48	3	5	6	00	07011	012	0031131	116	14	1	18	31	0.1	4900	11.50	1	2	3.4	0.05	28	7.5
1040	785049	9	416954	6545122	GRNS	46	2	5	6	00	03021	120	0031141	58	26	9	30	11	0.1	370	2.45	1	2	4.6	0.05	24	7.4
1040	785051	9	417591	6545685	QZMZ	52	8	5	6	00	07023	210	0031131	82	30	1	140	35	0.1	1000	4.75	2	2	3.9	0.05	32	7.2
1040	785052	9	418082	6542270	TUFF	63	5	5	6	00	07031	121	0031131	70	22	2	84	20	0.1	660	3.40	1	2	4.0	0.05	60	7.4
1040	785053	9	420924	6541827	TUFF	63	4	5	6	00	03031	121	0031131	84	40	9	98	27	0.1	125	3.95	1	2	1.5	0.05	30	7.3
1040	785054	9	424919	6544658	GRNS	46	8	10	6	00	03036	130	0031131	72	40	1	148	34	0.1	615	4.70	1	2	2.6	0.05	34	7.3
1040	785055	9	424704	6546050	GNSS	30	6	5	6	00	03032	120	0031141	48	34	1	50	13	0.1	310	2.30	2	2	4.8	0.05	22	7.2
1040	785056	9	423631	6550433	GNSS	30	6	10	6	10	03031	121	0031131	56	28	1	33	10	0.1	340	1.75	3	2	4.7	0.05	10	6.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785057	9	423631	6550433	GNSS	30	6	10	6	20	03031	121	0031131	56	28	1	30	9	0.1	315	1.80	2	2	4.0	0.05	10	6.7
1040	785058	9	421216	6551961	QZMZ	52	8	5	6	00	03021	031	0031332	40	16	1	33	6	0.1	185	1.35	1	2	5.2	0.05	20	7.0
1040	785059	9	426168	6552167	QZMZ	52	4	5	6	00	03021	121	0031342	100	70	2	78	21	0.1	550	3.50	7	2	4.7	0.32	20	6.2
1040	785060	9	427358	6549784	SRPN	29	2	5	6	00	03021	021	0031342	66	32	3	30	13	0.1	635	2.20	5	2	4.2	0.05	20	6.5
1040	785062	9	427653	6548798	GNSS	30	10	5	6	00	03031	120	0031342	50	32	1	23	6	0.1	275	2.20	4	2	2.5	0.05	10	6.2
1040	785063	9	430234	6548653	GNSS	30	3	10	6	00	03031	111	0031141	30	22	1	15	6	0.1	230	1.30	2	2	2.8	0.05	10	6.4
1040	785064	9	431261	6545817	GNSS	30	4	5	6	00	07021	021	0031341	44	20	1	17	8	0.1	255	1.60	2	2	2.3	0.05	10	6.9
1040	785065	9	429257	6542384	GNSS	30	3	5	6	00	07026	120	0031131	46	22	2	29	8	0.1	340	1.60	1	2	2.5	0.10	26	7.0
1040	785066	9	434258	6541769	TILL	64	3	10	6	00	07021	121	0031131	88	42	2	53	12	0.1	650	2.45	1	2	2.2	0.05	22	7.2
1040	785067	9	435223	6542713	TILL	64	8	5	6	00	07021	121	0031131	74	30	2	46	11	0.1	325	2.00	1	2	2.3	0.05	24	7.2
1040	785069	9	440233	6542707	GNSS	30	10	10	6	00	03031	121	0031131	52	26	2	29	10	0.1	415	2.05	1	2	2.8	0.05	22	7.7
1040	785070	9	440942	6544694	GNSS	30	10	10	6	00	03031	121	0031131	74	24	4	25	10	0.1	390	2.10	1	2	5.2	0.05	20	7.4
1040	785071	9	439989	6550647	QZMZ	52	10	5	6	10	03031	120	0031131	104	26	7	26	11	0.1	440	2.75	2	2	6.5	0.05	28	7.5
1040	785072	9	439989	6550647	QZMZ	52	10	5	6	20	03031	120	0031131	108	30	9	27	11	0.1	430	2.70	2	2	7.0	0.05	26	7.6
1040	785073	9	440277	6552841	QZMZ	52	9	10	6	00	03031	210	0031342	66	16	8	17	9	0.1	375	2.55	1	2	4.9	0.05	20	7.2
1040	785074	9	439525	6553330	QZMZ	52	8	10	6	00	03031	120	0031342	50	16	6	16	8	0.1	300	2.00	1	2	6.8	0.05	10	6.9
1040	785075	9	434995	6552611	QZMZ	52	15	10	6	00	03031	210	0031131	54	22	4	21	9	0.1	250	1.80	1	2	4.9	0.05	20	7.7
1040	785076	9	443098	6632070	TILL	64	2	10	6	00	07311	022	0031341	34	10	1	46	13	0.1	260	2.50	10	2	5.9	0.14	150	7.8
1040	785077	9	442790	6635691	GRNS	29	3	10	6	00	07013	022	0031341	40	14	3	29	8	0.1	530	1.50	1	2	2.6	0.16	88	8.1
1040	785078	9	438621	6628220	GRNS	29	5	10	6	00	07011	012	0031131	34	12	2	19	7	0.3	555	1.85	1	2	2.3	0.52	170	8.0
1040	785079	9	435435	6627297	CHRT	29	6	10	6	00	07011	012	0031341	54	52	1	19	3	0.1	135	0.80	4	2	3.1	0.78	150	7.8
1040	785080	9	433176	6624144	LMSN	08	1	5	6	00	07011	022	0031331	176	18	16	18	6	0.3	240	1.80	1	2	3.2	0.74	170	8.1
1040	785082	9	436311	6623471	GRNS	29	1	10	6	00	07013	013	0031341	40	40	4	29	12	0.3	545	1.50	1	2	8.8	0.10	170	7.7
1040	785083	9	432683	6630671	TILL	64	10	20	6	00	07021	021	0031131	62	10	6	13	7	0.1	745	1.60	1	2	8.4	0.05	56	7.7
1040	785084	9	436909	6631976	GRNS	29	10	20	6	00	07021	022	0031131	64	10	7	25	7	0.1	440	1.95	1	2	7.2	0.20	58	7.5
1040	785085	9	436598	6633644	GRNS	29	6	10	6	00	07011	022	0131131	32	10	1	8	5	0.1	160	1.30	1	2	4.7	0.32	54	8.0
1040	785086	9	432371	6634171	GRNS	29	2	5	6	00	07011	022	0031341	64	22	6	48	9	0.1	270	1.80	1	2	6.4	0.05	26	7.5
1040	785087	9	433512	6635264	GRNS	29	1	5	6	00	07011	012	0031341	66	106	9	29	11	0.1	300	1.70	1	2	5.9	0.05	30	7.2
1040	785088	9	436346	6636945	GRNS	29	5	10	6	00	03023	112	0031131	46	28	3	50	12	0.1	340	2.20	2	2	2.8	0.05	20	7.8
1040	785089	9	434214	6638536	GRNS	29	5	10	6	00	07021	012	0031131	68	22	5	72	14	0.1	1050	2.50	1	2	7.6	0.10	20	7.6
1040	785091	9	434816	6638967	GRNS	29	3	5	6	00	03021	211	0031131	54	38	4	56	14	0.1	365	2.35	1	2	2.1	0.05	10	7.7
1040	785092	9	431632	6639743	CHRT	29	2	5	6	00	03021	031	0031341	40	18	1	1250	43	0.1	875	3.10	1	2	0.9	0.05	20	8.0
1040	785093	9	429557	6641326	CHRT	29	6	10	6	10	03021	031	0031131	320	40	79	38	8	0.8	1000	1.60	3	2	4.6	0.05	42	7.7
1040	785094	9	429557	6641326	CHRT	29	6	10	6	20	03021	031	0031131	310	36	80	40	8	0.8	980	1.60	2	2	2.9	0.05	46	7.8
1040	785095	9	431400	6644424	SRPN	29	4	5	6	00	03021	121	0031341	104	60	10	44	9	0.6	710	1.80	3	2	2.9	0.24	42	8.1
1040	785096	9	433702	6642162	CHRT	29	3	5	6	00	03031	120	0031131	28	38	1	500	71	0.1	490	3.20	1	2	0.3	0.05	10	7.9
1040	785097	9	433812	6645964	CHRT	29	1	5	6	00	03023	021	0031341	94	38	15	27	8	1.6	210	1.45	1	2	6.1	0.05	44	6.4
1040	785098	9	433259	6647332	CHRT	29	6	10	6	00	03021	220	0031131	98	42	9	26	6	0.3	345	1.30	1	2	3.7	0.16	46	7.6
1040	785099	9	434242	6648784	CHRT	29	3	5	6	00	03023	121	0031331	210	32	15	32	7	0.1	220	1.80	1	2	6.5	0.16	100	7.7
1040	785100	9	436700	6648554	DLMT	25	1	5	6	00	03026	121	0031341	174	22	10	22	6	0.1	125	1.20	2	2	3.5	0.85	34	8.0
1040	785102	9	439512	6647698	DLMT	25	6	10	6	00	03021	120	0031131	120	28	12	26	6	0.1	170	1.20	1	2	3.2	0.64	70	7.9
1040	785103	9	442756	6643307	CHRT	29	2	5	6	00	07013	121	0031341	118	22	6	28	7	0.1	2650	1.45	1	2	2.9	1.30	140	8.0
1040	785104	9	443700	6639700	CHRT	29	3	5	6	00	03023	211	0031131	188	44	4	50	14	0.1	635	2.00	2	2	2.6	0.46	94	8.0
1040	785105	9	437214	6640494	GRNS	29	3	5	6	00	03031	220	0031331	114	106	10	315	30	0.1	1300	3.50	1	2	1.6	0.05	20	7.7
1040	785106	9	437940	6643187	GRNS	29	4	5	6	00	03021	112	0031331	50	50	1	685	46	0.1	710	3.40	2	2	1.2	0.05	20	8.0
1040	785107	9	426841	6642771	CHRT	29	3	5	6	00	07033	112	0031341	770	70	225	30	9	1.6	840	2.00	1	2	3.8	0.10	50	7.7
1040	785108	9	427052	6643606	CHRT	29	3	5	6	00	03021	111	0031141	300	48	48	35	8	0.8	600	7.80	1	2	3.1	0.94	56	8.0
1040	785109	9	425165	6643753	DLMT	25	6	10	6	00	13026	120	0031131	675	40	58	36	11	0.8	520	2.05	2	2	4.7	0.28	72	8.0
1040	785111	9	425919	6645726	CHRT	29	5	10	6	00	03031	112	0031141	96	46	10	48	8	0.2	435	1.60	1	2	2.6	0.24	58	8.0
1040	785112	9	425484	6647524	GRNS	29	4	5	6	00	13026	211	0031131	92	42	9	24	6	0.2	475	1.40	1	2	2.6	0.22	50	8.0

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785113	9	423244	6649429	DLMT	25	6	10	6	00	03023	112	0031131	200	16	58	9	3	0.1	365	1.15	3	2	13.8	0.64	36	7.9
1040	785114	9	425938	6650790	TILL	64	5	5	6	00	13021	210	0031331	74	10	12	11	3	0.1	195	1.25	1	2	7.1	0.24	38	7.8
1040	785115	9	429919	6648519	CHRT	29	6	10	6	00	07021	012	0031341	90	32	6	38	8	0.3	690	1.55	1	2	2.5	0.10	40	7.8
1040	785116	9	423493	6646758	DLMT	25	2	5	6	00	03021	121	0031341	700	16	151	19	5	0.1	630	1.50	4	2	2.5	0.92	42	8.1
1040	785117	9	421838	6645728	DLMT	25	8	10	6	00	03021	211	0031131	160	12	31	8	4	0.1	470	1.40	3	4	6.1	0.66	38	8.0
1040	785118	9	421268	6641568	DLMT	25	8	10	6	10	03026	021	0031131	245	20	15	21	8	0.1	225	1.65	3	4	2.5	0.52	58	8.1
1040	785119	9	421268	6641568	DLMT	25	8	10	6	20	03026	021	0031131	240	24	16	23	8	0.1	205	1.90	4	4	3.2	0.46	54	8.2
1040	785120	9	417981	6647093	QZMZ	52	7	5	6	00	03021	031	0031131	94	16	22	15	7	0.5	480	2.05	3	18	18.1	0.64	66	7.7
1040	785122	9	415675	6651252	QZMZ	52	6	5	6	10	03031	211	0031131	48	6	22	1	2	0.1	240	1.00	1	2	7.8	0.16	38	7.1
1040	785123	9	415675	6651252	QZMZ	52	6	5	6	20	03031	211	0031131	60	6	29	1	4	0.2	370	1.40	2	2	8.1	0.28	38	7.0
1040	785124	9	415488	6646637	QZMZ	52	5	5	6	00	03031	012	0031141	64	8	23	2	4	0.4	130	1.50	1	2	27.6		88	7.8
1040	785125	9	414441	6645428	QZMZ	52	5	10	6	00	03031	211	0031341	92	10	36	5	5	1.2	440	1.75	2	2	53.0	0.51	30	7.1
1040	785126	9	415296	6643652	QZMZ	52	6	5	6	00	03021	211	0031141	74	6	30	3	3	0.8	495	1.35	1	2	20.9	0.05	20	7.2
1040	785127	9	417007	6642529	QZMZ	52	4	5	6	00	03021	211	0031131	50	8	18	2	4	0.6	280	1.40	3	4	43.3	0.05	20	7.2
1040	785128	9	417460	6641532	QZMZ	52	5	5	6	00	03031	111	0031341	44	6	16	1	2	0.4	210	1.10	2	2	34.2	0.05	50	7.0
1040	785129	9	419870	6640323	LMSN	08	4	5	6	00	03023	121	0031341	196	20	30	28	14	0.1	375	2.55	5	2	3.4	1.10	30	8.1
1040	785130	9	418233	6637372	GRNS	29	6	5	6	00	03031	211	0031341	126	26	18	30	10	0.1	280	1.90	5	6	5.0	1.70	36	8.0
1040	785132	9	416435	6637778	QZMZ	52	10	5	6	00	03021	210	0031131	62	8	18	4	4	0.1	270	1.25	1	2	16.8	0.14	60	7.3
1040	785133	9	412100	6637258	QZMZ	52	8	5	6	00	03031	121	0031131	86	8	19	4	4	0.1	205	1.20	2	6	11.7	0.16	36	7.4
1040	785134	9	415900	6635367	QZMZ	52	6	20	6	00	03021	211	0031341	54	12	8	5	5	0.1	310	1.45	1	4	14.3	0.12	22	7.0
1040	785135	9	413734	6636379	QZMZ	52	10	10	6	00	03021	111	0031131	116	10	54	3	3	0.8	310	1.70	1	4	22.7	0.05	30	7.0
1040	785136	9	406722	6618612	QZMZ	48	6	5	6	00	03031	120	0031331	50	4	5	7	5	0.1	400	1.85	2	2	7.0	0.05	10	7.0
1040	785137	9	406466	6620705	QZMZ	48	4	5	6	00	03021	121	0031341	72	12	9	7	6	0.1	660	2.95	3	2	8.8	0.05	10	7.0
1040	785138	9	406359	6621821	QZMZ	48	4	5	6	00	03031	210	0031131	78	76	12	19	16	0.1	910	3.25	4	2	3.5	0.16	28	7.7
1040	785139	9	406132	6623239	QZMZ	48	3	5	6	00	03031	210	0031342	58	64	14	19	11	0.1	520	2.35	2	2	15.3	0.05	42	7.5
1040	785140	9	405568	6624696	QZMZ	48	8	10	6	00	03031	021	0031331	48	8	3	56	18	0.1	425	2.60	1	2	3.2	0.05	56	7.5
1040	785142	9	408024	6625713	QZMZ	48	5	5	6	10	03032	220	0031341	28	2	3	7	4	0.1	320	1.00	1	2	4.7	0.05	38	6.7
1040	785143	9	408024	6625713	QZMZ	48	5	5	6	20	03032	220	0031341	32	2	4	7	5	0.1	325	1.10	1	2	4.5	0.05	38	6.8
1040	785144	9	408319	6630573	QZMZ	48	4	5	6	00	03032	210	0031131	54	4	5	3	5	0.1	560	1.15	2	2	8.9	0.05	34	7.0
1040	785145	9	409570	6634188	QZMZ	52	4	5	6	00	07021	220	0031131	44	4	3	5	4	0.1	280	1.70	1	2	5.6	0.05	38	7.0
1040	785146	9	413155	6633174	QZMZ	52	3	5	6	00	03022	220	0031341	58	6	16	4	4	0.1	320	1.45	1	4	11.8	0.05	38	6.8
1040	785147	9	415591	6630692	QZMZ	52	6	5	6	00	03031	121	0031141	220	10	37	4	3	1.3	340	1.80	2	8	20.9	0.05	32	7.0
1040	785148	9	416947	6631753	QZMZ	52	3	10	6	00	03021	12Q	1031341	70	12	10	10	8	0.1	390	2.25	1	4	9.4	0.05	40	7.0
1040	785149	9	417606	6630045	QZMZ	52	8	5	6	00	03031	121	0031331	98	6	43	5	4	0.9	305	1.40	1	4	13.5	0.05	28	7.1
1040	785150	9	422460	6630712	QZMZ	52	6	5	6	00	03022	210	0031131	46	4	10	6	4	0.1	245	1.25	2	2	8.0	0.05	32	7.2
1040	785151	9	421675	6633574	DLMT	25	6	5	6	00	03032	120	0031141	42	6	7	6	3	0.1	170	0.85	2	4	4.7	0.05	32	7.2
1040	785152	9	423297	6636157	CHRT	29	5	5	6	00	03023	121	0031131	325	8	34	20	4	0.1	390	1.25	2	2	3.2	0.80	52	8.2
1040	785153	9	426416	6638042	CHRT	29	5	5	6	00	03026	121	0131131	275	44	36	32	10	0.8	970	2.55	1	2	6.2	0.05	56	7.2
1040	785155	9	427522	6635038	CHRT	29	8	10	6	00	07026	121	0031131	265	8	21	18	4	0.1	220	1.10	2	8	3.4	0.84	60	8.2
1040	785156	9	425835	6631019	TILL	64	10	10	6	00	03022	220	0031131	58	4	8	6	4	0.1	350	1.20	1	2	5.4	0.62	46	7.9
1040	785157	9	424451	6628781	QZMZ	52	10	20	6	00	03021	120	1031131	58	12	9	7	3	0.1	330	1.60	1	2	11.8	0.14	52	7.3
1040	785158	9	423031	6626347	QZMZ	52	8	5	6	00	03031	121	0031131	38	4	5	8	3	0.1	370	0.85	1	4	8.9	0.14	66	7.3
1040	785159	9	420252	6625942	QZMZ	52	5	5	6	00	03022	121	0031341	46	2	26	3	3	0.5	300	1.10	1	4	13.5	0.14	30	7.0
1040	785160	9	420542	6625566	QZMZ	52	6	5	6	00	03021	120	1131141	405	20	13	32	28	0.4	12500	10.75	6	4	51.0	0.14	38	7.5
1040	785162	9	420710	6623552	QZMZ	52	4	10	6	00	13021	121	1131341	120	8	4	9	5	0.1	630	4.40	3	6	36.5	0.20	68	7.5
1040	785163	9	419573	6622835	QZMZ	52	8	10	6	00	03032	121	0031341	80	4	8	10	4	0.1	355	1.05	1	2	10.5	0.20	52	7.3
1040	785164	9	421862	6621393	TUFF	63	2	10	6	00	07021	121	0131341	64	10	2	20	12	0.1	1000	3.15	1	2	15.6	0.05	100	7.5
1040	785165	9	428027	6622041	TUFF	63	2	5	6	00	07011	021	0031331	64	28	3	15	10	0.1	970	4.00	1	2	46.4	5.60	190	7.9
1040	785166	9	428392	6623998	LMSN	08	5	5	6	00	03031	211	0031131	68	20	7	16	7	0.1	395	1.70	1	2	8.6	0.05	34	7.0
1040	785167	9	427901	6627986	LMSN	08	6	10	6	00	07021	220	1031131	44	6	5	10	6	0.1	270	2.00	1	2	11.5	0.05	50	7.3

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785168	9	442215	6623617	GRNS	29	6	5	6	10	03026	210	0031131	88	48	7	33	8	0.2	625	1.85	1	2	3.1	0.68	62	8.1
1040	785169	9	442215	6623617	GRNS	29	6	5	6	20	03026	210	0031131	84	46	7	36	8	0.1	600	1.85	1	2	4.1	0.72	48	8.1
1040	785170	9	443313	6621599	GRNS	29	2	5	6	00	03021	211	0031131	78	30	8	35	8	0.1	565	2.00	1	2	4.1	0.05	30	7.0
1040	785171	9	443001	6619450	GRNS	29	5	5	6	00	03031	210	0031131	74	58	6	40	15	0.1	750	2.90	1	2	2.2	0.05	92	7.5
1040	785172	9	440070	6618254	GRNS	29	5	10	6	00	03031	210	0031131	100	48	11	35	11	0.2	740	1.95	1	2	4.2	0.05	32	7.7
1040	785173	9	442594	6612792	GRNS	29	5	5	6	00	03031	112	0031131	92	78	10	58	16	0.1	770	3.60	1	2	2.8	0.05	40	7.4
1040	785174	9	441046	6610100	GRNS	29	6	10	6	00	03033	112	0031331	82	30	18	10	6	0.2	590	2.20	1	2	78.1	0.05	24	7.0
1040	785175	9	440948	6607309	QZMZ	52	3	5	6	00	03031	111	0031131	66	60	15	7	3	0.2	385	1.85	1	10	31.6	0.05	30	7.1
1040	785176	9	442848	6607436	SRPN	29	2	10	6	00	03031	111	0031141	54	30	7	54	9	0.1	280	2.20	1	2	14.0	0.05	32	7.3
1040	785177	9	442436	6604602	SRPN	29	8	5	6	00	03032	120	0031341	38	8	7	138	10	0.1	190	1.30	1	25	9.3	0.05	20	7.3
1040	785179	9	439026	6604696	TUFF	63	3	5	6	00	03022	220	0031142	68	10	10	20	8	0.1	430	1.85	1	2	20.5	0.05	24	6.9
1040	785180	9	440286	6604666	QZMZ	52	3	5	6	00	03021	031	0031342	130	56	15	68	24	0.1	825	5.25	1	2	3.7	0.05	20	5.1
1040	785182	9	440046	6599416	LMSN	08	3	5	6	00	03021	121	0031141	48	8	6	6	4	0.1	130	0.95	1	2	26.0	1.10	30	7.4
1040	785183	9	442804	6599739	SRPN	29	8	5	6	00	03031	111	0031341	325	36	29	38	8	0.1	220	2.00	3	12	3.3	0.50	30	8.0
1040	785184	9	441110	6596770	LMSN	08	6	5	6	00	03032	130	0031341	76	28	8	30	15	0.1	395	3.40	1	2	3.8	0.05	34	7.3
1040	785185	9	439016	6597590	LMSN	08	10	10	6	10	03031	021	0031142	74	24	11	23	14	0.1	830	3.20	1	2	5.7	0.05	32	7.5
1040	785186	9	439016	6597590	LMSN	08	10	10	6	20	03031	021	0031142	84	26	11	28	15	0.1	925	3.65	1	4	5.5	0.05	28	7.4
1040	785187	9	442420	6596707	LMSN	08	5	5	6	00	03031	121	0031142	72	28	12	30	18	0.1	435	3.15	1	2	4.0	0.05	28	7.3
1040	785188	9	436381	6598162	QZMZ	52	8	5	6	00	03236	121	0031142	62	16	5	15	9	0.1	430	2.30	2	2	8.8	0.05	26	7.1
1040	785189	9	435328	6598569	QZMZ	52	6	5	6	00	03231	021	0031142	106	14	15	12	10	0.1	475	2.95	1	2	5.5	0.05	22	6.7
1040	785190	9	435214	6600709	QZMZ	52	10	10	6	00	03031	121	0031142	128	26	25	18	11	0.3	660	3.20	1	2	5.7	0.05	10	6.3
1040	785191	9	435608	6601501	QZMZ	52	5	5	6	00	03031	021	0031142	62	12	8	13	6	0.1	350	2.45	1	2	7.4	0.05	20	6.1
1040	785192	9	431902	6597200	QZMZ	52	10	5	6	00	03031	111	0031141	126	14	27	13	7	0.1	450	1.80	1	12	10.2	0.05	30	6.6
1040	785193	9	431800	6599302	QZMZ	52	7	5	6	00	03032	120	0031142	134	20	36	19	10	0.3	495	2.80	1	2	6.2	0.05	20	6.6
1040	785194	9	431886	6601291	QZMZ	52	2	5	6	00	03031	121	0031342	90	14	10	10	8	0.1	515	2.50	1	2	3.5	0.58	26	7.3
1040	785196	9	432879	6603698	QZMZ	52	5	5	6	00	03032	121	0031141	76	14	14	13	8	0.1	590	2.25	2	2	7.7	0.05	20	7.0
1040	785197	9	435511	6604882	TUFF	63	6	10	6	00	03031	120	0031142	78	14	15	9	5	0.3	440	2.00	2	2	28.8	0.05	28	6.9
1040	785198	9	435035	6612419	QZMZ	52	8	10	6	00	03031	220	0031131	94	14	8	15	6	0.2	365	1.65	1	4	14.3	0.05	48	6.9
1040	785199	9	438267	6611566	QZMZ	52	3	10	6	00	03031	211	0031131	58	12	14	8	4	0.5	340	1.45	1	2	54.8	0.20	20	7.2
1040	785200	9	439744	6612879	GRNS	29	8	10	6	00	03031	211	0031131	104	38	15	20	10	0.2	320	2.80	2	2	30.8	0.05	34	7.3
1040	785202	9	436962	6615548	QZMZ	52	5	15	6	00	03021	211	0031131	66	8	12	9	6	0.1	280	1.70	1	2	16.8	0.05	34	7.0
1040	785203	9	408428	6612776	QZMZ	48	3	5	6	00	03021	120	0031331	62	8	3	32	9	0.1	370	2.30	1	2	4.8	0.05	22	7.1
1040	785204	9	410771	6612764	TUFF	63	2	5	6	00	03021	021	1131341	58	14	2	6	9	0.1	365	3.75	1	2	6.4	0.05	44	7.0
1040	785206	9	413125	6613007	QZMZ	52	1	5	6	10	07011	120	1031341	44	14	2	29	10	0.1	230	2.30	1	8	1.6	0.05	48	7.1
1040	785207	9	413125	6613007	QZMZ	52	3	5	6	20	07011	120	1031341	38	12	1	30	10	0.1	190	2.00	1	2	1.8	0.05	52	7.2
1040	785208	9	412108	6609322	QZMZ	48	6	5	6	00	07021	021	1131131	62	24	2	38	15	0.1	585	2.75	2	2	2.3	0.05	64	7.7
1040	785209	9	415729	6608994	PLLT	30	3	5	6	00	03021	220	0131131	60	52	5	30	16	0.1	850	2.55	1	2	1.7	0.05	66	7.7
1040	785210	9	417124	6607707	QZMZ	57	6	5	6	00	03021	120	0031131	94	14	4	56	18	0.1	465	2.95	1	2	7.5	0.05	460	7.1
1040	785211	9	421237	6606960	QZMZ	52	5	10	6	00	07021	021	0031131	50	4	8	8	6	0.1	465	1.80	6	2	25.1	0.18	780	7.0
1040	785212	9	422036	6605223	QZMZ	52	8	5	6	00	03031	210	0031131	56	4	8	9	4	0.1	250	1.05	2	4	16.1	0.28	340	6.9
1040	785213	9	422243	6609086	QZMZ	52	3	5	6	00	03021	220	0031141	48	4	12	5	2	0.1	220	0.95	1	4	13.7	0.56	660	6.9
1040	785214	9	424310	6607923	QZMZ	52	5	5	6	00	03021	120	0031341	98	6	11	3	1	0.1	120	1.15	3	4	16.6	0.32	340	6.6
1040	785215	9	426211	6608635	QZMZ	52	4	5	6	00	03031	121	0031341	100	8	17	5	3	0.1	285	1.20	3	6	23.1	0.05	110	6.8
1040	785216	9	422767	6610251	QZMZ	52	2	5	6	00	03021	121	0031341	56	6	7	17	6	0.1	220	1.40	4	2	47.2	0.92	1400	7.2
1040	785217	9	420125	6612101	QZMZ	52	2	5	6	00	03021	121	0031141	58	6	6	17	6	0.1	255	1.30	3	7	33.5	0.94	500	7.0
1040	785218	9	419250	6611970	QZMZ	57	2	5	6	00	03021	031	0031142	86	12	15	19	8	0.1	360	2.25	14	6	55.0	0.72	310	6.4
1040	785219	9	418642	6614752	QZMZ	52	2	5	6	00	03031	022	0031141	112	36	10	19	10	0.1	1500	2.80	13	6	67.8	0.16	380	6.6
1040	785220	9	416107	6614163	QZMZ	57	3	5	6	00	03026	130	0131131	46	32	5	18	9	0.1	550	1.75	1	2	2.8	0.05	56	7.7
1040	785222	9	410672	6615305	QZMZ	48	3	5	6	00	03021	112	0031131	54	8	3	19	8	0.1	410	2.15	1	2	4.8	0.05	32	6.9
1040	785223	9	410471	6618624	QZMZ	48	6	10	6	00	03031	120	0031131	32	4	2	13	5	0.1	310	1.25	2	2	4.2	0.05	32	6.9

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785224	9	412647	6616702	PLLT	30	5	10	6	10	03021	121	0031131	48	10	4	20	8	0.1	395	1.85	2	2	3.6	0.05	24	6.9
1040	785225	9	412647	6616702	PLLT	30	5	10	6	20	03021	121	0031131	50	12	3	19	8	0.1	400	1.85	1	2	3.9	0.05	30	6.9
1040	785226	9	414937	6619039	QRZD	48	2	5	6	00	03031	121	0031341	56	14	4	19	8	0.1	370	1.95	2	2	6.1	0.05	86	7.7
1040	785227	9	413204	6618432	PLLT	30	10	10	6	00	03021	022	0031131	42	8	3	20	8	0.1	620	1.65	1	2	3.5	0.05	46	7.1
1040	785228	9	410766	6620850	QZMZ	48	6	5	6	00	03031	022	0031131	48	24	6	15	6	0.1	305	1.75	2	2	2.6	0.05	34	6.6
1040	785229	9	415326	6622516	QZMZ	52	3	5	6	00	03031	022	0031341	60	12	7	26	7	0.1	260	1.70	2	2	5.4	0.14	32	7.5
1040	785230	9	415270	6621767	QZMZ	52	2	5	6	00	03031	031	0031341	78	18	13	25	10	0.1	640	2.30	2	2	5.0	0.05	94	7.5
1040	785232	9	416222	6618461	QZMZ	52	2	5	6	00	03031	130	0031131	176	20	11	29	10	0.3	470	2.40	3	2	38.4	0.76	140	7.6
1040	785233	9	420501	6616120	QZMZ	52	5	5	6	00	03031	121	0031141	54	14	4	10	8	0.1	340	1.25	2	4	7.0	0.32	490	7.1
1040	785234	9	423306	6615754	QZMZ	52	3	5	6	00	03031	012	0031141	200	18	12	5	6	0.1	330	1.20	9	6	39.4	0.66	630	7.0
1040	785235	9	422016	6614251	QZMZ	52	5	5	6	00	03031	022	0031141	104	10	9	8	5	0.1	180	1.20	5	4	37.2	0.50	560	7.1
1040	785236	9	426708	6616665	QZMZ	52	4	5	6	00	03031	210	0031341	122	12	12	5	4	0.2	290	1.10	3	35	13.8	0.38	150	7.2
1040	785237	9	428368	6618190	QZMZ	52	5	5	6	00	03021	211	0031341	86	16	9	8	5	0.1	350	1.50	2	4	10.8	0.10	56	7.2
1040	785238	9	431886	6621020	QZMZ	48	2	10	6	00	07013	012	0031341	52	34	8	5	4	0.1	140	0.95	1	2	78.4	0.86	86	7.2
1040	785239	9	434719	6618127	QZMZ	48	2	5	6	00	07013	022	0031341	102	40	7	22	8	0.1	1000	2.95	2	2	82.8	0.60	270	7.2
1040	785240	9	433421	6615995	QZMZ	48	5	5	6	00	03231	220	0031141	380	6	150	7	5	3.5	470	1.30	1	2	11.5	2.20	38	7.7
1040	785242	9	432444	6614530	QZMZ	48	2	5	6	00	03031	121	0031341	102	6	20	18	6	0.1	330	1.45	1	2	8.9	0.38	30	7.3
1040	785243	9	431122	6611711	QZMZ	48	2	10	6	10	03021	121	0031141	68	8	21	7	5	0.1	310	1.65	16	8	11.8	0.05	110	6.9
1040	785244	9	431122	6611711	QZMZ	48	2	10	6	20	03021	121	0031141	72	8	25	6	5	0.1	340	1.75	16	8	15.9	0.05	100	6.8
1040	785245	9	429433	6610836	QZMZ	52	3	5	6	00	03232	111	0031342	70	4	15	2	2	0.1	210	0.75	3	2	21.9	0.54	160	7.4
1040	785246	9	424484	6612850	QZMZ	52	5	5	6	00	03032	120	0031142	170	12	13	9	4	0.1	375	1.20	6	2	107.0	0.38	570	6.9
1040	785247	9	423649	6603187	QZMZ	52	6	5	6	00	03021	022	0031141	138	14	18	9	5	0.1	235	1.45	1	2	35.6	0.24	240	7.0
1040	785249	9	426471	6603253	QZMZ	52	4	5	6	00	03021	031	0031341	174	18	23	9	6	0.1	455	2.25	1	7	20.1	0.05	40	6.7
1040	785250	9	426025	6605121	QZMZ	52	3	10	6	00	03031	022	0031341	154	12	36	3	3	0.1	310	1.50	1	4	26.0	0.18	88	6.8
1040	785251	9	429465	6604435	QZMZ	52	3	5	6	00	03021	022	0031341	178	22	25	15	6	0.1	365	1.75	1	4	7.2	1.20	22	7.2
1040	785252	9	428302	6602357	QZMZ	52	5	10	6	00	07031	031	0031131	94	8	14	8	5	0.1	340	1.55	2	10	10.8	0.36	52	7.3
1040	785253	9	426370	6596925	TUFF	63	6	10	6	00	03031	121	0031131	240	26	66	34	12	0.2	3100	3.45	14	6	15.4	0.50	110	7.2
1040	785254	9	423262	6598723	QZMZ	52	3	10	6	00	07011	022	1031131	180	14	28	19	9	0.2	445	2.45	3	4	14.6	0.66	78	7.4
1040	785255	9	424219	6599865	QZMZ	52	3	5	6	00	03021	031	0031141	280	56	154	50	14	0.1	1000	2.95	4	4	6.1	0.40	70	7.5
1040	785256	9	418830	6596787	PLLT	30	4	5	6	00	03031	031	0031141	245	46	17	42	9	0.4	565	3.50	9	4	6.5	0.05	48	7.5
1040	785257	9	420185	6595419	PLLT	30	10	5	6	00	03031	012	0031342	186	42	8	50	15	0.3	300	2.60	8	6	3.9	0.05	32	6.9
1040	785258	9	415606	6598544	PLLT	30	3	5	6	00	03031	210	0031141	360	80	11	64	15	1.2	545	4.20	12	6	6.4	0.10	58	7.7
1040	785259	9	416159	6597157	PLLT	30	5	5	6	00	03021	210	0031141	395	68	8	70	17	1.0	425	3.45	7	4	6.0	0.12	76	7.6
1040	785260	9	416663	6595598	PLLT	30	4	5	6	00	03036	130	0031342	205	126	12	92	35	0.9	820	5.00	13	6	4.1	0.05	24	7.0
1040	785262	9	416093	6594658	PLLT	30	15	10	6	10	03021	121	0031131	92	38	7	44	14	0.2	470	3.00	2	2	3.0	0.05	20	7.7
1040	785263	9	416093	6594658	PLLT	30	15	10	6	20	03021	121	0031131	96	42	6	48	13	0.1	465	3.10	2	2	3.3	0.05	22	7.6
1040	785264	9	414394	6595735	PLLT	30	3	5	6	00	03031	130	0031341	68	26	6	27	11	0.1	430	2.60	1	2	2.8	0.05	20	7.5
1040	785265	9	410629	6596443	PLLT	30	5	10	6	00	07011	031	0031131	48	18	4	19	8	0.1	735	1.75	2	2	2.7	0.05	34	7.8
1040	785266	9	409923	6600996	PLLT	30	4	5	6	00	07031	210	0031131	104	56	6	44	18	0.1	1000	2.30	3	2	2.6	0.05	56	7.6
1040	785267	9	406734	6601555	PLLT	30	3	5	6	00	03031	210	0031131	124	52	4	78	18	0.1	835	3.20	2	2	2.5	0.05	40	7.6
1040	785268	9	406970	6597274	PLLT	30	5	5	6	00	03031	210	0031131	84	54	4	48	12	0.1	1150	3.40	4	2	2.9	0.05	42	7.8
1040	785269	9	405713	6595313	PLLT	30	4	5	6	00	03031	210	0031131	76	54	6	56	14	0.1	615	2.55	1	2	2.3	0.05	48	7.8
1040	785271	9	400158	6592710	TILL	64	3	10	6	00	07016	111	0031341	194	46	7	27	14	0.1	250	2.80	1	2	4.5	0.24	54	7.8
1040	785272	9	398286	6595383	TILL	64	5	10	6	00	07021	130	0031331	38	12	3	15	6	0.1	280	1.05	1	2	3.1	0.05	64	7.4
1040	785273	9	417609	6592306	PLLT	30	8	5	6	00	03031	121	0031131	112	44	4	56	13	0.1	440	2.80	3	2	3.3	0.05	32	7.3
1040	785274	9	421401	6593570	PLLT	30	5	5	6	00	03036	021	0031341	525	260	34	98	29	1.2	1700	5.70	55	15	7.5	0.05	28	7.2
1040	785275	9	421889	6592910	PLLT	30	7	10	6	00	03031	120	0031341	245	68	8	56	13	0.2	770	3.20	9	2	2.8	0.05	24	7.3
1040	785276	9	428128	6590298	QZMZ	52	10	5	6	00	03031	121	0031131	86	22	5	60	14	0.1	445	3.50	2	8	17.9	0.05	34	7.4
1040	785277	9	428057	6591299	QZMZ	52	8	10	6	00	03031	121	0031142	164	24	41	25	10	0.6	470	2.25	4	2	24.7	0.30	34	7.3
1040	785278	9	428709	6593822	QZMZ	52	3	10	6	00	03031	121	0031342	230	28	58	25	9	0.8	670	2.65	5	6	17.4	0.14	22	7.5

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785279	9	431522	6594327	QZMZ	52	3	5	6	00	03031		121	0031342	142	26	22	15	12	0.2	780	3.20	11	6	51.3	0.10	58	7.0
1040	785280	9	434087	6591899	QZMZ	52	10	10	6	00	03031		121	0031131	58	6	10	4	3	0.1	225	1.20	4	17	13.9	0.32	48	7.0
1040	785282	9	436066	6591890	QZMZ	52	10	10	6	10	03031		022	0031131	118	6	24	5	4	0.1	260	1.80	4	2	23.1	0.26	52	6.8
1040	785283	9	436066	6591890	QZMZ	52	10	10	6	20	03031		022	0031131	140	8	26	5	4	0.1	235	1.85	7	6	24.5	0.20	54	6.8
1040	785284	9	435740	6590218	QZMZ	52	10	10	6	00	07021		121	0031141	48	2	9	1	3	0.5	110	1.60	9	7	20.8	0.40	76	7.0
1040	785285	9	436700	6589107	QZMZ	52	6	10	6	00	03031		120	1031141	56	2	10	3	4	0.1	225	1.10	4	6	19.0	0.98	62	6.9
1040	785286	9	439682	6588960	QZMZ	52	7	10	6	00	03031		220	0031341	58	20	19	19	9	0.1	310	2.40	3	28	11.0	0.05	52	6.9
1040	785287	9	439261	6593977	QZMZ	52	10	10	6	00	03031		121	0031131	78	18	12	23	10	0.1	1000	3.20	2	2	5.1	0.05	30	7.1
1040	785288	9	436726	6594743	QZMZ	52	15	10	6	00	03021		121	0031131	134	12	28	10	5	0.5	320	1.90	1	4	11.5	0.05	28	7.0
1040	785289	9	442816	6590119	QZMZ	52	6	10	6	00	03032		120	0031141	82	34	16	30	14	0.1	530	3.25	1	2	4.9	0.05	22	7.1
1040	785290	9	442597	6582827	QZMZ	52	10	10	6	00	03032		210	0031131	26	4	4	3	2	0.1	210	0.70	3	2	12.6	0.80	38	6.9
1040	785291	9	441997	6580067	QZMZ	52	10	10	6	00	03031		121	0031131	36	4	4	2	2	0.1	230	0.90	4	2	16.8	0.64	32	6.9
1040	785292	9	440212	6585842	QZMZ	52	10	5	6	00	03031		120	0031341	48	6	8	2	2	0.1	160	1.00	12	12	41.8	0.10	48	7.0
1040	785293	9	439925	6581803	QZMZ	52	6	5	6	00	03032		120	0031341	62	10	14	2	4	0.1	435	1.35	1	2	20.3	0.05	24	6.9
1040	785294	9	437717	6580513	QZMZ	52	8	5	6	00	03031		121	0031131	54	6	7	5	4	0.1	245	1.60	6	2	24.9	0.12	26	6.9
1040	785295	9	434153	6583748	QZMZ	52	3	5	6	00	03031		021	0031342	108	34	1	78	33	0.1	865	6.35	1	2	1.7	0.05	28	7.1
1040	785296	9	433147	6582423	GNSS	30	8	10	6	00	03031		120	0031141	88	12	38	15	7	0.1	385	2.25	8	4	72.9	0.10	20	7.1
1040	785297	9	435918	6582210	GNSS	30	10	10	6	00	03031		021	0031131	102	18	8	36	16	0.1	615	3.70	2	2	16.7	0.05	56	7.1
1040	785298	9	434651	6577151	QZMZ	52	8	10	6	00	03031		120	0031142	88	10	12	11	7	0.1	340	2.05	6	2	177.0	1.60	110	7.0
1040	785300	9	432097	6579471	QZMZ	52	3	5	6	00	03036		120	0031341	90	18	12	21	7	0.1	350	1.80	3	2	5.1	0.05	28	7.0
1040	785302	9	438725	6575024	QZMZ	52	8	5	6	00	07031		220	0031131	44	4	5	5	2	0.1	310	1.45	1	2	20.2	0.05	20	6.9
1040	785303	9	437623	6574440	QZMZ	52	6	10	6	10	03031		120	0031131	98	22	20	17	6	0.2	280	2.65	5	4	18.0	0.05	20	6.9
1040	785304	9	437623	6574440	QZMZ	52	6	10	6	20	03031		120	0031131	96	20	18	17	7	0.3	300	2.45	5	2	19.3	0.05	20	6.7
1040	785306	9	441938	6573077	QZMZ	52	6	10	6	00	03036		121	0031341	42	6	6	7	6	0.1	260	1.45	2	2	66.1	0.12	20	7.0
1040	785307	9	434671	6571304	QZMZ	52	5	5	6	00	03031		120	0031141	116	10	10	19	5	0.1	250	1.60	1	15	31.5	0.05	40	7.4
1040	785308	9	433382	6570387	QZMZ	52	4	5	6	00	03031		021	0031141	110	20	19	16	10	0.2	450	2.55	2	2	15.3	0.05	22	7.1
1040	785309	9	432846	6574878	QZMZ	52	7	5	6	00	03021		120	0031331	108	6	12	12	6	0.1	430	1.80	6	4	27.6	0.05	40	7.1
1040	785310	9	416160	6570290	TUFF	63	2	10	6	00	03021		220	0031331	98	36	1	39	26	0.1	920	5.85	4	2	6.2	0.05	530	7.4
1040	785311	9	418949	6570287	QZMZ	52	4	5	6	00	03031		220	0031131	68	4	5	10	3	0.1	135	1.20	6	7	39.8	0.05	910	6.8
1040	785312	9	415441	6574022	QZMZ	52	3	5	6	00	03031		120	0031341	92	6	6	6	3	0.1	130	1.90	10	6	49.6	0.05	800	6.8
1040	785313	9	417467	6574107	QZMZ	52	8	5	6	00	03023		120	0031131	54	26	1	20	18	0.1	540	3.80	1	2	3.2	0.18	240	7.7
1040	785314	9	416563	6577832	QZMZ	52	10	10	6	00	03033		220	0031131	70	28	1	41	23	0.1	665	4.80	1	2	10.0	0.05	340	7.5
1040	785315	9	415734	6578004	QZMZ	52	5	5	6	00	03021		120	0031341	42	4	2	5	2	0.1	130	0.95	7	2	20.2	0.05	620	7.2
1040	785316	9	414092	6579373	QZMZ	52	4	5	6	00	03031		121	0031341	220	40	14	22	9	0.1	560	2.85	1	10	20.7	0.05	110	7.5
1040	785317	9	418292	6578770	QZMZ	52	8	5	6	00	03021		021	0031131	68	26	1	38	17	0.1	430	3.75	1	2	3.6	0.05	34	7.9
1040	785318	9	422489	6580445	PLLT	30	8	5	6	00	03031		120	0031131	82	28	14	25	13	0.2	765	2.85	1	2	6.2	0.05	20	8.0
1040	785319	9	419724	6576350	QZMZ	52	5	5	6	00	03021		121	0031341	90	8	3	9	4	0.1	200	1.80	1	7	32.5	0.05	450	7.3
1040	785320	9	421018	6572197	QZMZ	52	6	10	6	00	03021		120	0031141	100	8	6	9	4	0.1	330	1.85	2	6	29.4	0.05	620	6.7
1040	785322	9	421598	6573003	QZMZ	52	8	5	6	00	03021		121	0031341	86	18	4	31	11	0.1	345	2.95	2	8	52.7	0.05	320	6.6
1040	785323	9	424559	6574930	PLLT	30	7	5	6	00	03031		120	0031331	88	30	9	30	15	0.1	420	3.00	1	2	3.4	0.05	20	7.8
1040	785324	9	429166	6574038	QZMZ	52	12	20	6	00	03021		120	0031131	96	20	2	95	29	0.1	480	4.80	1	2	9.0	0.05	44	7.3
1040	785325	9	429306	6572177	QZMZ	52	3	5	6	10	03032		121	0031131	56	2	12	5	2	0.2	190	1.25	1	2	21.8	0.05	30	6.9
1040	785326	9	429306	6572177	QZMZ	52	3	5	6	20	03032		120	0031131	54	2	9	4	1	0.1	170	1.05	1	2	23.1	0.05	32	6.8
1040	785327	9	429668	6570552	QZMZ	52	4	5	6	00	03032		021	0031331	200	26	32	29	13	0.1	595	3.75	3	4	12.2	0.05	20	6.9
1040	785328	9	427887	6577256	TUFF	63	4	10	6	00	07021		120	0031131	118	42	1	95	33	0.1	1150	6.40	1	2	2.6	0.05	56	7.3
1040	785329	9	426065	6578820	PLLT	30	9	10	6	00	03021		121	0031131	78	38	6	39	15	0.1	530	2.90	1	2	7.0	0.05	28	7.8
1040	785331	9	427810	6581768	QZMZ	52	4	5	6	00	07021		021	1131341	100	26	3	48	17	0.1	620	4.35	3	2	5.8	0.05	56	8.0
1040	785332	9	425139	6583722	PLLT	30	6	5	6	00	03031		121	0031141	54	148	1	51	37	0.1	405	2.85	1	2	2.0	0.05	34	7.3
1040	785333	9	429230	6586067	QZMZ	52	10	10	6	00	03031		121	0031341	102	32	2	126	33	0.1	710	5.40	1	2	2.4	0.05	36	7.3
1040	785334	9	426407	6587776	TUFF	63	2	5	6	00	03031		121	0031341	102	44	1	148	35	0.1	765	5.50	1	2	1.8	0.05	40	7.4

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785335	9	424339	6586483	PLLT	30	3	5	6	00	03031	120	0031341	36	40	1	25	11	0.1	330	1.85	1	2	1.2	0.05	20	7.1
1040	785336	9	424520	6586065	PLLT	30	5	5	6	00	03031	121	0031341	68	116	1	48	23	0.1	490	2.10	1	2	2.7	0.05	30	7.2
1040	785337	9	422577	6588694	QZMZ	52	5	5	6	00	03021	130	0031342	92	76	2	69	20	0.1	730	3.45	1	2	2.6	0.05	26	7.5
1040	785338	9	422613	6589654	PLLT	30	4	5	6	00	03021	031	0031141	152	98	10	134	29	0.1	1200	4.90	5	2	2.9	0.05	30	7.6
1040	785339	9	419619	6586621	PLLT	30	3	5	6	00	07021	120	0031141	112	72	2	95	22	0.1	730	3.95	1	2	2.6	0.05	30	8.2
1040	785340	9	419703	6584539	PLLT	30	6	10	6	00	03031	121	0031341	94	46	10	48	16	0.1	575	3.00	1	2	4.6	0.05	20	7.7
1040	785342	9	420065	6585033	PLLT	30	7	10	6	00	03021	121	0031141	58	28	3	31	7	0.1	335	1.75	1	2	2.9	0.05	30	7.4
1040	785343	9	417391	6585841	PLLT	30	7	5	6	00	03021	021	0031341	96	44	20	32	17	0.1	690	3.30	1	2	3.5	0.05	20	7.8
1040	785344	9	415842	6588416	PLLT	30	4	5	6	00	03031	120	0031141	84	48	12	48	17	0.1	550	3.40	1	2	4.2	0.05	20	7.4
1040	785345	9	413445	6588550	PLLT	30	8	10	6	10	03031	121	0031141	72	28	9	25	12	0.1	600	2.40	1	2	5.3	0.05	32	7.6
1040	785346	9	413445	6588550	PLLT	30	8	10	6	20	03031	121	0031141	76	30	8	25	11	0.1	600	2.45	1	2	5.3	0.05	20	7.6
1040	785347	9	416488	6583229	PLLT	30	5	5	6	00	03021	121	0031131	84	38	12	21	12	0.1	980	2.90	1	2	16.7	0.05	22	7.7
1040	785348	9	410286	6589268	PLLT	30	2	5	6	00	03021	120	0031331	54	28	7	26	11	0.1	600	2.25	1	2	3.0	0.05	22	7.5
1040	785349	9	397380	6589704	PLLT	30	2	5	6	00	07013	022	0031331	42	10	1	18	7	0.1	570	2.60	1	2	2.7	0.52	54	8.0
1040	785351	9	399214	6588655	PLLT	30	4	10	6	00	07013	012	0031331	68	12	1	24	9	0.1	1100	2.35	1	2	3.2	0.10	50	8.0
1040	785352	9	401934	6586325	PLLT	30	2	10	6	00	07013	111	0031341	84	68	2	22	5	0.1	3300	3.45	1	2	16.5	0.05	46	7.4
1040	785353	9	405563	6588497	PLLT	30	3	5	6	00	07021	012	0031331	160	54	11	34	13	0.2	260	2.85	1	2	11.7	0.05	64	7.6
1040	785354	9	410914	6592110	PLLT	30	2	5	6	00	03031	130	0041342	112	46	22	32	14	0.1	540	3.90	1	2	7.1	0.05	22	7.5
1040	785355	9	411628	6592411	PLLT	30	5	20	6	00	03021	021	1141131	90	34	6	36	13	0.1	995	4.20	1	2	3.4	0.05	22	7.5
1040	785356	9	408518	6584284	PLLT	30	6	10	6	00	03031	022	0041131	98	64	16	32	16	0.2	795	3.30	1	7	9.3	0.05	54	7.0
1040	785357	9	410333	6582186	PLLT	30	10	5	6	00	03021	112	0041131	52	16	4	11	5	0.1	535	1.30	2	2	42.1	0.05	120	6.9
1040	785358	9	411056	6578313	PLLT	30	8	5	6	00	03021	220	0041131	76	68	12	34	17	0.1	820	2.70	2	4	4.0	0.05	32	7.2
1040	785359	9	412195	6576689	PLLT	30	6	5	6	00	03021	022	0041131	96	24	15	14	8	0.1	465	2.20	1	4	14.0	0.05	110	7.4
1040	785360	9	408049	6578239	PLLT	30	6	5	6	00	03021	012	0041131	54	8	11	4	3	0.1	420	1.60	1	2	78.9	0.10	150	6.8
1040	785362	9	405753	6575380	QZMZ	52	2	5	6	00	07011	013	0141341	64	10	4	12	9	0.2	815	3.60	2	2	34.2	0.05	46	7.2
1040	785363	9	404781	6576275	QZMZ	52	8	10	6	00	03021	012	0041131	56	16	5	19	8	0.1	425	1.80	3	2	11.6	0.05	46	6.7
1040	785364	9	405078	6580422	QZMZ	52	6	10	6	00	03021	121	0041131	38	6	6	5	2	0.1	160	1.40	5	2	33.9	0.20	110	6.7
1040	785365	9	402643	6580277	QZMZ	52	4	5	6	00	03021	211	0041341	32	4	10	2	2	0.1	235	1.05	1	2	43.8	0.18	20	6.9
1040	785366	9	402924	6584622	QZMZ	52	5	20	6	10	03021	021	0041131	58	16	7	12	5	0.1	300	1.80	1	2	37.6	0.05	52	7.1
1040	785367	9	402924	6584622	QZMZ	52	5	20	6	20	03021	021	0041131	58	16	8	14	6	0.1	340	1.95	1	2	36.9	0.05	54	7.2
1040	785368	9	397960	6584912	QZMZ	52	2	10	6	00	03031	220	1131131	70	12	1	24	10	0.1	450	3.00	1	2	14.9	0.05	92	6.5
1040	785369	9	395527	6583800	QZMZ	52	5	5	6	00	07021	220	0041331	86	22	1	58	17	0.1	1250	3.10	1	2	7.9	0.42	88	7.8
1040	785370	9	397192	6580223	QZMZ	52	3	10	6	00	03021	022	0041341	90	18	1	36	19	0.1	5800	3.45	3	2	8.2	0.05	98	7.4
1040	785371	9	398868	6577886	QZMZ	52	2	10	6	00	07011	031	1041141	98	8	1	14	8	0.1	650	3.30	2	2	5.5	0.05	50	6.7
1040	785372	9	400622	6575884	PLLT	30	3	5	6	00	03021	022	0041341	92	22	4	42	11	0.1	720	2.40	1	2	22.1	0.05	96	7.3
1040	785373	9	402707	6573932	PLLT	30	2	10	6	00	03021	031	0041341	144	14	3	60	22	0.1	25500	4.70	6	2	6.6	0.05	60	7.2
1040	785374	9	396482	6571536	TILL	64	2	10	6	00	07011	121	1031341	94	8	1	12	11	0.1	1050	6.25	1	4	5.8	0.05	140	7.9
1040	785375	9	396258	6569347	TILL	64	2	5	6	00	07011	012	0031341	102	16	2	22	8	0.1	655	1.80	1	2	3.8	0.05	50	6.7
1040	785377	9	395993	6568373	TILL	64	4	10	6	00	07013	012	0031341	98	14	1	17	6	0.1	340	2.80	1	2	6.6	0.05	82	7.5
1040	785378	9	397169	6566456	TILL	64	4	10	6	00	07013	012	0031341	118	18	2	18	7	0.1	1050	1.95	1	2	4.7	0.05	92	7.9
1040	785379	9	406151	6569912	QZMZ	52	3	5	6	00	03021	022	1031341	70	16	3	19	7	0.1	800	2.75	3	2	31.8	0.10	260	7.1
1040	785380	9	409313	6573316	PLLT	30	8	5	6	00	03021	130	0041131	50	14	4	14	9	0.1	830	1.70	1	2	7.0	0.05	70	7.6
1040	785383	9	411221	6572183	TUFF	63	5	10	6	00	03036	220	0041131	52	26	1	34	18	0.1	440	3.15	1	2	2.8	0.05	130	7.6
1040	785384	9	411148	6571249	TUFF	63	6	5	6	00	03023	220	0041131	46	26	1	30	17	0.1	465	3.10	1	2	1.2	0.05	100	7.8
1040	785385	9	405564	6548550	TUFF	63	2	5	6	00	07026	130	0041341	56	22	2	34	10	0.1	220	1.75	1	2	2.6	0.05	120	7.9
1040	785386	9	406029	6554423	TILL	64	10	20	6	00	07021	031	0031131	108	26	2	30	15	0.1	580	2.35	1	2	2.2	0.05	58	7.5
1040	785387	9	403528	6553891	TILL	64	8	10	6	00	07011	031	0031131	92	14	1	34	11	0.1	330	2.50	1	2	2.2	0.05	80	7.9
1040	785388	9	400130	6551282	TUFF	63	3	10	6	00	07021	220	0031141	140	18	1	56	18	0.1	855	3.20	1	2	4.0	0.05	84	7.9
1040	785389	9	397302	6554715	TUFF	63	8	10	6	00	07021	012	0031131	146	18	1	48	25	0.1	2100	3.70	1	2	2.5	0.05	88	8.0
1040	785390	9	397309	6555777	TUFF	63	4	5	6	00	03023	111	0031131	154	18	1	56	69	0.1	6950	5.75	2	2	1.9	0.05	50	7.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785391	9	400114	6555977	TILL	64	4	5	6	00	07011	022	1031131	58	8	2	11	6	0.1	280	1.30	1	2	1.5	0.05	86	8.0
1040	785392	9	400033	6558149	TILL	64	5	5	6	00	07011	211	0031341	64	8	1	11	4	0.1	115	1.15	1	2	1.9	0.05	76	8.2
1040	785393	9	401191	6558407	TILL	64	5	10	6	00	07021	031	0031131	84	12	1	20	8	0.1	455	4.50	1	2	1.8	0.05	76	7.8
1040	785394	9	404894	6558872	GNSS	30	3	30	6	00	07021	031	1031331	88	12	1	20	9	0.1	650	3.45	1	2	1.9	0.05	64	7.8
1040	785395	9	404849	6562309	GNSS	30	3	10	6	10	07011	031	0031341	50	10	1	14	5	0.1	270	1.90	1	2	2.7	0.05	66	7.5
1040	785396	9	404849	6562309	GNSS	30	3	10	6	20	07011	031	0031341	50	12	2	12	3	0.1	300	2.30	1	2	2.6	0.05	62	7.4
1040	785397	9	408628	6560901	GNSS	30	6	5	6	00	03021	031	0041131	124	44	3	108	50	0.1	420	3.30	4	2	3.7	0.05	38	6.7
1040	785398	9	409208	6564660	QZMZ	52	8	5	6	00	03021	220	0041131	84	44	4	70	12	0.1	390	2.00	3	2	7.2	0.05	44	6.6
1040	785399	9	408938	6566951	GNSS	30	3	5	6	00	03021	031	1141141	50	10	1	10	3	0.1	1900	23.50	8	2	16.4	0.05	150	7.3
1040	785400	9	409103	6567990	QZMZ	52	4	10	6	00	03026	220	0041141	88	38	6	30	24	0.1	645	4.50	1	2	6.0	0.48	78	7.8
1040	785402	9	402478	6566997	TILL	64	3	5	6	00	07021	021	0031131	64	70	1	102	18	0.1	870	5.75	19	2	12.1	0.05	100	7.3
1040	785403	9	401371	6566209	TILL	64	5	10	6	10	07026	031	1031141	82	10	1	24	10	0.1	1250	1.95	4	2	5.1	0.05	170	7.6
1040	785404	9	401371	6566209	TILL	64	5	10	6	20	07026	031	1031141	78	8	2	23	8	0.1	380	1.40	3	2	6.0	0.05	160	7.7
1040	785405	9	400421	6566683	TILL	64	3	5	6	00	07021	120	0031341	66	6	1	20	9	0.1	265	1.60	1	2	3.8	0.05	120	7.5
1040	785406	9	389636	6603682	CHRT	30	4	5	6	00	03031	121	0041341	76	14	2	22	9	0.1	470	2.40	4	2	8.8	0.05	28	7.0
1040	785408	9	392745	6601139	TUFF	63	4	5	1	00	03001	210	0041341	86	42	1	64	28	0.1	720	5.45	2	2	1.0			
1040	785409	9	392695	6600116	TUFF	63	2	5	6	00	03021	121	0041341	70	24	1	56	20	0.1	610	4.50	1	2	1.7	0.05	150	7.9
1040	785410	9	394639	6602055	TUFF	63	6	10	6	00	03021	120	0041131	84	20	1	52	26	0.1	825	4.30	2	2	3.1	0.05	42	7.5
1040	785411	9	397067	6603778	QZMZ	48	2	5	6	00	03021	121	0041341	84	6	2	16	10	0.1	830	2.70	1	2	6.6	0.05	22	6.8
1040	785412	9	398449	6604623	QZMZ	48	8	5	6	00	03021	121	0041131	32	4	1	15	5	0.1	180	2.10	3	2	11.6	0.05	20	6.8
1040	785413	9	393588	6605242	QZMZ	48	4	5	6	00	03031	211	0041341	42	6	1	19	6	0.1	320	1.90	1	2	5.7	0.05	20	6.4
1040	785414	9	393628	6607168	QZMZ	48	8	5	6	00	03021	120	0141131	38	12	1	16	6	0.1	230	2.65	1	2	7.5	0.05	20	6.9
1040	785415	9	390647	6607889	QZMZ	48	6	10	6	00	03031	121	0041331	36	32	2	20	6	0.1	195	1.65	1	2	9.6	0.05	20	6.5
1040	785416	9	390567	6610435	QZMZ	48	4	10	6	00	03021	121	0041131	30	10	2	8	4	0.1	160	1.30	3	2	57.2	0.10	22	6.5
1040	785417	9	390222	6615450	QZMZ	48	5	10	6	00	03031	120	0041141	42	6	2	16	6	0.1	325	1.55	1	2	26.6	0.05	20	6.8
1040	785418	9	389538	6613698	QZMZ	48	6	10	6	00	03031	111	0041141	42	10	4	5	3	0.1	475	1.40	1	2	41.2	0.05	20	6.8
1040	785419	9	394296	6612770	QZMZ	48	6	10	6	00	03031	121	0041131	26	14	2	9	4	0.1	250	1.20	1	2	8.3	0.05	22	6.9
1040	785420	9	397977	6613115	QZMZ	48	5	10	6	00	03021	021	0041141	30	14	1	15	5	0.1	155	1.25	3	2	22.5	0.66	30	7.3
1040	785422	9	397357	6611125	QZMZ	48	2	5	6	00	03031	220	0041342	50	26	2	42	13	0.1	245	2.30	1	2	21.4	0.05	20	6.7
1040	785423	9	399561	6610914	QZMZ	48	8	10	6	00	03031	211	0041131	32	8	2	13	7	0.1	275	1.60	1	2	7.5	0.05	20	6.4
1040	785424	9	401946	6608700	QZMZ	48	3	5	6	00	03021	211	0041131	24	2	1	6	6	0.1	290	1.15	1	2	6.0	0.05	10	6.4
1040	785425	9	401217	6614437	QZMZ	48	8	10	6	00	03031	120	0041141	48	8	2	9	3	0.1	500	2.40	1	2	8.7	0.05	20	6.6
1040	785426	9	401156	6616131	QZMZ	48	6	10	6	10	03031	021	0041141	44	28	2	27	7	0.1	450	2.15	1	2	6.8	0.05	20	7.0
1040	785427	9	401156	6616131	QZMZ	48	6	10	6	20	03031	021	0041141	38	24	2	24	9	0.1	335	1.90	1	2	6.3	0.05	20	7.0
1040	785428	9	403386	6615161	QZMZ	48	8	10	6	00	03021	120	0041131	36	16	2	18	9	0.1	400	1.50	1	2	6.6	0.05	20	6.8
1040	785429	9	401433	6619216	QZMZ	48	8	5	6	00	03031	121	0041141	52	12	2	20	6	0.1	345	1.95	1	2	5.1	0.05	20	6.5
1040	785430	9	401734	6619813	QZMZ	48	4	10	6	00	03021	021	0041141	64	8	3	7	7	0.1	555	2.35	1	2	6.2	0.05	20	7.1
1040	785431	9	400851	6624707	QZMZ	48	9	5	6	00	03021	111	0041131	42	6	2	6	7	0.1	300	1.45	1	2	5.5	0.05	22	7.2
1040	785432	9	399647	6625735	QZMZ	48	3	5	6	00	03021	022	0041331	184	40	8	38	4	0.1	225	2.00	2	2	3.0	0.05	44	7.5
1040	785433	9	398358	6623717	QZMZ	48	3	5	6	00	03021	120	0041142	68	10	4	22	7	0.1	245	2.60	2	2	8.4	0.05	20	6.9
1040	785434	9	396959	6621658	QZMZ	48	4	5	6	00	03031	211	0041331	32	4	2	2	3	0.1	260	1.20	1	2	6.8	0.05	20	7.2
1040	785435	9	394954	6620592	QZMZ	48	4	5	6	00	03021	022	0041331	54	6	1	8	4	0.1	225	1.70	1	2	17.3	0.12	30	7.2
1040	785436	9	395192	6617775	QZMZ	48	5	5	6	00	03021	022	0041131	38	8	4	11	5	0.1	145	1.70	1	2	8.4	0.05	24	6.9
1040	785437	9	397056	6617972	QZMZ	48	3	5	6	00	03026	121	0041342	46	16	2	26	9	0.1	215	1.75	1	2	9.6	0.10	20	7.0
1040	785438	9	397234	6615550	QZMZ	48	3	5	6	00	03021	012	0041341	50	34	6	18	6	0.1	330	2.10	2	2	18.5	0.05	20	6.7
1040	785440	9	391186	6618742	QZMZ	48	6	5	6	00	03021	211	0041131	48	10	1	44	16	0.1	410	2.45	1	2	14.6	0.05	22	7.2
1040	785442	9	391979	6623183	QZMZ	48	3	10	6	10	03021	121	0041341	38	8	1	11	6	0.1	250	1.60	3	4	7.8	0.10	20	6.9
1040	785443	9	391979	6623183	QZMZ	48	3	10	6	20	03021	121	0041341	36	8	2	46	7	0.2	250	1.60	3	4	7.1	0.05	20	6.9
1040	785444	9	390424	6622005	QZMZ	48	5	5	6	00	03031	111	0041142	54	28	4	19	8	0.1	680	2.70	4	6	15.8	0.05	20	7.0
1040	785445	9	382167	6606253	CHRT	30	5	5	6	00	03031	121	0041341	52	54	2	10	6	0.1	315	1.60	2	2	2.4	0.05	24	7.6

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785446	9	384059	6604744	CHRT	30	6	5	6	00	03021	211	0041341	82	14	2	33	10	0.1	370	1.90	1	2	3.3	0.26	28	8.1
1040	785447	9	383553	6607543	CHRT	30	5	5	6	00	03031	211	0041131	72	66	2	17	11	0.1	520	2.65	1	2	3.0	0.05	20	7.6
1040	785448	9	387896	6607878	QZMZ	48	3	5	6	00	03031	121	0041131	46	14	2	18	7	0.1	270	2.65	1	2	10.8	0.05	20	6.7
1040	785449	9	386847	6610295	QZMZ	48	3	5	6	00	03031	121	0041141	46	24	2	25	8	0.1	375	2.10	1	2	13.6	0.05	20	7.0
1040	785450	9	387113	6611599	QZMZ	48	2	5	6	00	03021	111	0041341	62	24	7	20	8	0.1	325	2.60	3	15	21.8	0.05	20	6.7
1040	785451	9	383608	6612784	QZMZ	48	6	10	6	00	03031	211	0041131	30	10	2	12	6	0.1	285	2.00	3	2	6.5	0.05	22	7.1
1040	785452	9	387276	6614414	QZMZ	48	5	5	6	00	03031	120	0041131	38	12	5	10	6	0.1	250	1.50	2	2	14.5	0.14	22	7.0
1040	785453	9	387516	6617818	QZMZ	48	3	5	6	00	03031	112	0041341	72	32	12	29	14	0.1	890	3.65	6	4	95.9	0.05	20	6.9
1040	785454	9	388669	6619693	QZMZ	48	4	5	6	00	03031	121	0041341	52	18	4	12	9	0.1	345	2.20	5	4	17.9	0.05	20	7.1
1040	785455	9	388995	6620582	QZMZ	48	5	5	6	00	03021	021	0041341	58	26	6	15	10	0.1	570	3.00	11	8	23.1	0.05	22	6.5
1040	785456	9	384276	6622336	QZMZ	48	6	5	6	00	03031	211	0041141	52	18	3	13	6	0.1	230	2.00	13	8	22.5	0.12	40	7.1
1040	785457	9	382735	6622335	QZMZ	48	8	5	6	00	03036	220	0041141	106	24	6	14	5	0.1	230	1.70	5	4	21.6	0.10	22	7.1
1040	785458	9	381516	6620589	QZMZ	48	2	5	6	00	03031	121	0041341	74	26	9	18	9	0.1	495	3.10	8	4	39.7	0.05	20	6.7
1040	785459	9	381927	6618862	QZMZ	48	2	5	6	00	03031	220	0041341	66	38	6	17	14	0.1	615	3.35	2	4	19.6	0.30	28	7.4
1040	785462	9	380435	6622256	QZMZ	48	3	5	6	00	03031	210	0041131	56	24	15	6	6	0.1	410	1.70	11	28	25.6	0.05	50	7.3
1040	785463	9	379563	6623562	QZMZ	48	3	5	6	00	03031	111	0041141	100	80	16	18	11	0.6	540	3.65	14	20	117.0	0.05	30	7.1
1040	785464	9	379311	6626088	QZMZ	48	2	5	6	00	03031	220	0041341	98	92	20	48	24	0.1	1000	4.05	3	2	7.4	0.05	50	7.7
1040	785465	9	377741	6627251	QZMZ	48	2	5	6	00	03031	120	0041341	68	60	10	26	16	0.1	665	2.90	3	2	4.7	0.05	56	7.6
1040	785466	9	377419	6625217	QZMZ	48	5	5	6	10	03031	121	0041131	38	14	5	10	5	0.1	170	1.40	3	2	14.3	0.10	44	7.4
1040	785467	9	377419	6625217	QZMZ	48	5	5	6	20	03031	121	0041131	38	14	5	10	6	0.1	165	1.75	3	4	15.1	0.05	36	7.3
1040	785469	9	376158	6622823	QZMZ	48	2	5	6	00	03021	021	0041341	80	28	10	12	8	0.1	520	2.55	4	10	22.7	0.14	52	6.5
1040	785470	9	373268	6622294	QZMZ	48	3	5	6	00	03031	111	0041341	32	8	4	3	4	0.1	210	1.10	2	2	27.5	0.05	38	6.9
1040	785471	9	376127	6620171	QZMZ	48	7	5	6	00	03031	211	0041131	36	8	4	4	5	0.1	370	2.50	11	4	16.4	0.12	62	6.9
1040	785472	9	376724	6620640	QZMZ	48	10	5	6	00	03021	211	0041131	36	10	4	5	6	0.1	440	1.90	9	12	8.2	0.05	36	6.9
1040	785473	9	380325	6616578	LMSN	30	6	5	6	00	03031	120	0041131	34	12	3	10	6	0.1	295	1.90	4	2	14.4	0.05	30	7.2
1040	785474	9	379717	6614830	LMSN	30	2	5	6	00	03031	021	0041341	475	295	26	88	57	0.5	1700	4.65	12	2	10.5	0.05	44	6.2
1040	785475	9	377865	6613793	QZMZ	48	2	5	6	00	03031	021	0041341	122	40	10	24	13	0.1	655	2.95	1	2	7.5	0.05	34	7.6
1040	785476	9	375253	6614231	QZMZ	48	3	5	6	00	07021	121	0041331	74	22	4	30	13	0.1	480	2.10	3	2	6.2	0.05	44	7.4
1040	785477	9	374564	6617644	QZMZ	48	4	5	6	00	03031	121	0041131	32	24	5	10	6	0.1	280	1.30	3	2	38.4	0.05	50	6.9
1040	785478	9	379585	6611958	QZMZ	48	5	5	6	00	03031	120	0041131	76	34	6	18	11	0.1	450	2.15	3	2	5.1	0.05	34	6.9
1040	785479	9	380783	6611204	CHRT	30	6	5	6	00	03021	021	0041141	250	92	14	45	34	0.2	2100	4.40	9	2	19.0	0.05	44	7.2
1040	785480	9	382453	6610267	CHRT	30	3	5	6	00	03031	121	0041141	68	56	4	19	12	0.4	850	1.50	3	2	37.1	0.05	20	6.8
1040	785482	9	382582	6608991	CHRT	30	3	5	6	00	03031	022	0041141	164	106	16	46	26	0.1	1650	4.25	5	2	6.8	0.05	32	7.1
1040	785483	9	380789	6607749	CHRT	30	4	5	6	10	03031	121	0041141	58	82	2	13	16	0.1	470	2.65	2	2	1.5	0.05	20	7.0
1040	785484	9	380789	6607749	CHRT	30	4	5	6	20	03031	121	0041141	68	88	2	15	16	0.1	560	3.20	1	2	1.8	0.05	10	7.3
1040	785485	9	380440	6605912	CHRT	30	2	5	6	00	03036	220	0041341	60	44	3	25	12	0.1	410	2.30	1	2	2.5	0.05	20	7.5
1040	785486	9	389496	6578606	TILL	64	3	5	6	00	07021	012	0031341	38	10	4	12	3	0.1	185	0.80	1	2	6.7	0.05	120	7.3
1040	785487	9	390069	6576226	TILL	64	3	5	6	00	07013	012	0031141	98	18	2	21	11	0.2	1400	4.10	3	2	10.3	0.05	140	7.0
1040	785488	9	389021	6573382	TILL	64	4	10	6	00	07021	013	0031141	52	10	1	11	5	0.1	1300	2.30	1	2	3.0	0.05	230	8.7
1040	785489	9	387547	6569231	GRNT	53	3	5	6	00	03031	022	0041141	166	26	20	18	9	0.1	1600	3.00	18	4	19.2	0.05	200	6.5
1040	785490	9	384448	6569566	GRNT	53	2	5	6	00	03031	022	0041341	76	22	6	19	9	0.1	185	2.40	9	4	30.3	0.12	100	7.3
1040	785491	9	383502	6567533	GRNT	53	6	5	6	00	03021	120	0041141	166	6	30	1	2	0.1	340	1.25	11	4	14.8	0.05	370	6.7
1040	785493	9	385150	6566985	GRNT	53	15	10	6	00	03031	120	1141131	88	8	8	25	18	0.1	260	2.60	3	2	19.6	0.05	320	7.1
1040	785494	9	380642	6569307	GRNT	53	5	5	6	00	03021	130	0041141	265	34	30	35	13	0.1	800	3.10	14	4	25.0	0.05	240	6.7
1040	785495	9	384058	6572966	TUFF	63	5	5	6	00	03021	021	0041331	78	12	4	12	12	0.2	780	3.05	1	2	7.9	0.05	120	7.3
1040	785496	9	381276	6574814	GRNT	53	3	5	6	00	03031	121	0041141	62	40	8	13	9	0.1	250	2.20	4	14	10.5	0.05	62	7.0
1040	785497	9	379392	6572702	GRNT	53	4	5	6	00	03031	031	0041141	116	80	11	16	16	0.1	295	2.95	9	25	114.0	0.20	170	7.3
1040	785498	9	378621	6569457	GRNT	53	6	5	6	00	03031	112	0041141	230	14	18	3	3	0.2	390	1.00	7	2	39.1	0.05	460	7.0
1040	785499	9	378146	6569551	GRNT	53	8	5	6	00	03031	130	0041141	66	14	7	2	5	0.1	300	1.70	11	2	24.9	0.84	220	6.8
1040	785500	9	377130	6566458	GRNT	53	6	5	6	00	03031	120	0041131	56	10	6	7	4	0.2	80	1.10	5	2	9.8	0.05	210	6.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785502	9	379475	6565759	GRNT	53	4	5	6	00	03031	220	0041342	178	14	44	3	2	0.2	80	1.10	11	2	18.8	0.24	410	6.5
1040	785503	9	379659	6563356	GRNT	53	3	5	6	00	03021	031	0041341	126	20	26	13	7	0.1	455	2.45	10	4	24.3	0.05	400	6.6
1040	785504	9	378092	6563572	GRNT	53	2	5	6	00	03031	021	0041341	510	18	22	11	4	0.4	430	2.05	17	2	29.0	0.05	470	6.5
1040	785505	9	377953	6560407	GRNT	53	10	10	6	10	03021	120	0041131	102	14	6	16	11	0.1	280	2.70	5	2	8.6	0.05	130	7.1
1040	785506	9	377953	6560407	GRNT	53	10	10	6	20	03021	120	0041131	96	14	6	15	9	0.1	245	2.70	4	2	8.0	0.05	120	7.2
1040	785507	9	384353	6561297	GRNS	46	4	10	6	00	07021	112	0041131	152	14	6	23	10	0.1	245	2.60	5	2	2.5	0.05	48	7.1
1040	785508	9	382354	6562917	GRNS	46	5	5	6	00	03031	220	0041141	240	18	27	12	7	0.1	630	2.40	10	4	36.9	0.05	260	6.5
1040	785509	9	382608	6565004	GRNT	53	8	5	6	00	03021	012	0041341	136	8	25	3	2	0.1	575	1.90	3	2	11.4	0.05	280	6.2
1040	785511	9	387748	6564073	GRNT	53	4	5	6	00	03031	021	0041131	102	18	4	59	18	0.1	390	4.00	2	2	4.3	0.05	260	7.4
1040	785512	9	386950	6561859	TILL	64	3	5	6	00	07021	022	0031141	76	12	3	60	14	0.1	210	2.60	1	2	2.6	0.05	42	6.8
1040	785513	9	388747	6561650	TILL	64	6	10	6	00	07021	031	0031341	58	10	4	53	18	0.1	210	2.10	1	2	3.3	0.05	32	7.5
1040	785514	9	392867	6562245	TUFF	63	5	5	6	00	03031	211	0031131	98	18	2	62	34	0.1	1850	4.10	1	2	3.4	0.05	130	7.5
1040	785515	9	394350	6564099	TUFF	63	7	10	6	00	07021	012	0031341	104	14	1	104	29	0.1	725	3.55	1	2	7.7	0.05	52	7.7
1040	785516	9	390616	6565022	GRNT	53	2	5	6	00	03031	130	0041342	138	56	10	54	24	0.1	870	4.00	9	4	15.0	0.05	34	6.7
1040	785517	9	389617	6566611	GRNT	53	2	5	6	00	03031	031	0041342	104	26	5	72	20	0.1	510	3.60	5	2	4.6	0.05	350	6.6
1040	785518	9	394453	6560960	TUFF	63	6	10	6	00	07021	210	0031141	245	14	1	60	60	0.1	12500	8.50	3	4	3.9	0.05	54	7.9
1040	785519	9	393897	6560318	TUFF	63	10	10	6	00	03021	022	0031131	132	24	1	72	26	0.1	1250	3.75	1	2	2.2	0.05	60	7.7
1040	785520	9	391934	6560244	TUFF	63	4	5	6	00	07021	210	1131131	120	14	1	42	22	0.1	770	3.60	1	2	2.4	0.05	46	7.7
1040	785522	9	393309	6557291	TUFF	63	5	10	6	00	07031	121	0031141	144	20	1	53	37	0.1	3800	4.55	2	2	2.1	0.05	80	7.8
1040	785524	9	392096	6557963	TUFF	63	8	10	6	00	07031	210	0031141	118	18	2	120	29	0.1	830	4.05	2	2	1.8	0.05	46	7.6
1040	785525	9	389165	6556761	TUFF	63	10	5	6	00	07031	121	0031131	118	26	2	78	27	0.1	950	3.90	1	2	1.6	0.05	44	7.6
1040	785526	9	391400	6552800	TUFF	63	2	5	6	00	07021	112	0031141	98	28	3	50	16	0.1	470	3.10	2	2	1.3	0.05	30	7.5
1040	785527	9	391246	6551418	TUFF	63	10	5	6	10	07021	031	0031141	110	18	4	21	8	0.1	415	2.45	1	2	1.7	0.05	20	5.7
1040	785528	9	391246	6551418	TUFF	63	10	5	6	20	07021	031	0031141	120	18	4	23	8	0.1	300	2.60	1	2	1.6	0.05	20	5.7
1040	785529	9	395433	6551057	TILL	64	6	5	6	00	07033	210	0031131	164	30	2	108	35	0.1	1300	4.30	2	2	1.8	0.05	52	7.6
1040	785530	9	396253	6551037	TILL	64	7	10	6	00	07021	022	0031131	102	22	2	58	13	0.1	230	2.60	1	2	1.2	0.05	30	7.6
1040	785531	9	397010	6549403	TILL	64	8	5	6	00	07021	012	0031131	114	18	2	36	17	0.1	1150	3.00	2	2	3.0	0.05	54	7.6
1040	785532	9	397086	6548301	TILL	64	10	10	6	00	07031	021	0031131	88	14	2	25	15	0.2	970	3.70	3	2	2.1	0.05	58	7.7
1040	785533	9	394019	6549449	TUFF	63	5	5	6	00	07023	012	0031141	54	18	2	27	6	0.1	555	1.35	2	2	4.1	0.05	54	7.7
1040	785534	9	394608	6546928	TILL	64	7	5	6	00	07036	130	0031141	114	16	3	27	13	0.1	260	2.30	1	2	3.2	0.05	54	7.8
1040	785535	9	399054	6546498	CHRT	30	3	5	6	00	07021	130	0031141	120	28	2	35	17	0.1	1750	3.90	2	4	7.6	0.05	56	7.8
1040	785536	9	398977	6545647	CHRT	30	3	5	6	00	07026	130	0031341	94	12	2	22	11	0.1	170	2.10	1	2	1.8	0.05	54	6.6
1040	785537	9	394286	6542203	TUFF	63	5	5	6	00	07031	031	0031141	102	38	2	55	20	0.1	1100	3.40	1	2	2.5	0.05	54	7.8
1040	785538	9	391186	6543288	TUFF	63	6	10	6	00	03026	120	0031141	136	54	8	42	22	0.2	335	3.50	3	2	2.2	0.05	42	7.7
1040	785539	9	390146	6543994	TUFF	63	4	5	6	00	07026	031	0031141	140	22	2	32	14	0.1	370	2.45	3	2	3.7	0.05	44	7.3
1040	785540	9	388883	6544699	CHRT	30	8	5	6	00	03021	031	0031141	110	56	6	40	17	0.1	900	3.20	3	2	2.1	0.05	38	7.6
1040	785542	9	387231	6542950	CHRT	30	8	5	6	00	03021	310	0031141	92	40	4	41	15	0.1	680	2.60	3	2	1.8	0.05	44	7.7
1040	785543	9	385028	6543735	CHRT	30	3	5	6	00	03021	031	0031141	104	46	8	36	14	0.1	540	2.80	2	2	2.6	0.05	28	7.7
1040	785544	9	383211	6542544	CHRT	30	7	5	6	00	03021	220	0031131	100	52	7	30	15	0.1	645	2.95	2	2	2.0	0.05	34	7.4
1040	785545	9	387391	6545911	CHRT	30	4	5	6	00	03021	021	0031141	138	42	6	40	15	0.2	775	3.25	3	2	3.7	0.05	28	7.8
1040	785546	9	389549	6547005	TUFF	63	5	10	6	10	07021	031	0031141	94	24	4	26	13	0.1	355	3.40	1	2	1.6	0.05	46	7.4
1040	785547	9	389549	6547005	TUFF	63	5	10	6	20	07021	031	0031141	82	30	4	29	14	0.1	790	2.80	3	2	2.8	0.05	48	7.7
1040	785548	9	386447	6549019	TILL	64	6	5	6	00	03021	031	0031341	112	28	3	50	27	0.1	1700	4.10	1	2	1.8	0.05	34	7.7
1040	785549	9	386503	6551671	TUFF	63	3	5	6	00	07021	021	0031141	56	14	2	23	8	0.1	280	2.30	1	2	0.9	0.05	32	7.5
1040	785550	9	386051	6550060	TUFF	63	3	5	6	00	03021	121	0031141	126	30	2	55	26	0.1	710	4.30	1	2	1.9		38	7.6
1040	785551	9	377929	6548199	CHRT	30	8	5	6	00	03031	130	0031131	136	40	6	40	18	0.2	870	3.45	1	2	2.3	0.05	24	7.8
1040	785553	9	377230	6546657	CHRT	30	6	5	6	00	03021	022	0031131	188	78	8	38	18	0.1	1450	4.10	3	2	2.2	0.05	38	7.8
1040	785554	9	384384	6593018	QZMZ	52	8	5	6	00	03021	211	0041141	34	10	2	10	6	0.2	410	2.20	3	2	11.8	0.05	10	6.9
1040	785555	9	384992	6592068	QZMZ	52	4	5	6	00	03021	121	0041141	62	12	2	16	8	0.1	640	2.40	2	2	25.0	0.05	10	6.9
1040	785556	9	386649	6590813	QZMZ	52	3	5	6	00	03021	021	0041341	66	14	4	8	8	0.1	395	2.70	2	2	44.3	0.05	10	6.8

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785557	9	387685	6592900	CHRT	30	8	10	6	00	03031	111	0041131	62	6	2	16	9	0.1	1500	2.15	1	2	7.0	0.05	20	7.2
1040	785558	9	383799	6588775	QZMZ	52	5	5	6	00	03031	121	0041341	40	8	2	11	6	0.1	285	1.80	2	2	15.2	0.05	10	7.0
1040	785559	9	380647	6579416	GRNT	53	10	10	6	00	03031	120	0041131	38	8	1	17	7	0.1	200	1.90	1	2	8.3	0.05	20	7.2
1040	785560	9	379348	6576966	GRNT	53	4	10	6	00	03021	120	0041141	46	12	2	12	7	0.1	190	1.65	1	2	8.5	0.05	20	7.0
1040	785562	9	371271	6578081	GRNS	46	4	5	6	10	03021	021	1141342	58	88	3	30	17	0.1	415	3.25	1	2	1.5	0.05	10	6.8
1040	785563	9	371271	6578081	GRNS	46	4	5	6	20	03021	021	1141342	52	84	2	24	15	0.1	370	2.95	1	2	1.5	0.05	10	6.9
1040	785564	9	370998	6576517	GRNS	46	6	5	6	00	03021	012	0041342	74	220	6	22	26	0.2	640	3.75	1	4	1.6	0.05	10	6.9
1040	785565	9	372346	6573780	GRNS	46	5	5	6	00	03021	211	0051131	62	20	9	2	2	0.2	145	1.80	7	16	53.2	0.05	270	6.8
1040	785566	9	374622	6574197	GRNT	53	8	5	6	00	03031	021	0051142	48	52	4	17	11	0.1	150	2.10	5	2	14.0	0.05	150	6.9
1040	785567	9	374267	6571069	GRNT	53	2	5	6	00	03031	220	0051342	162	18	20	12	6	0.1	435	2.50	8	4	8.4	0.05	280	6.7
1040	785568	9	373598	6569431	GRNT	53	6	5	6	00	03031	211	0051142	96	8	8	4	4	0.1	410	1.80	7	2	10.0	0.05	170	6.9
1040	785569	9	373057	6566772	CHRT	30	5	5	6	00	03031	021	0051131	200	18	15	12	8	0.1	695	2.65	12	2	26.1	0.05	200	7.0
1040	785570	9	369692	6566877	GRNT	53	5	20	6	00	03021	111	0051141	76	8	9	1	2	0.1	70	1.15	5	16	23.7	0.05	330	6.5
1040	785571	9	371889	6564802	GRNT	53	7	20	6	00	03031	220	0051131	68	14	4	8	8	0.1	300	3.75	12	4	16.8	0.05	32	7.0
1040	785572	9	369975	6562214	CHRT	30	8	5	6	00	03031	121	0051131	118	42	11	15	6	0.2	390	3.20	6	4	19.4	0.05	90	6.9
1040	785573	9	374722	6561337	GRNT	53	4	10	6	00	03031	121	0051131	84	14	6	9	12	0.1	620	3.30	8	4	8.4	0.05	34	7.0
1040	785574	9	375048	6561908	GRNT	53	7	5	6	00	03031	121	0041131	80	26	5	20	13	0.1	380	2.75	6	2	13.5	0.05	34	7.0
1040	785575	9	377776	6559387	GRNT	53	8	10	6	00	03011	021	1041131	76	16	6	11	6	0.1	280	10.50	5	2	10.4	0.05	120	7.0
1040	785577	9	377761	6557460	CHRT	30	4	10	6	00	03021	121	0041131	102	32	8	16	10	0.1	400	2.55	3	2	4.4	0.05	46	7.0
1040	785578	9	377450	6555609	CHRT	30	4	20	6	00	03011	121	0041131	118	18	2	22	16	0.1	3150	6.30	3	2	3.9	0.05	38	7.4
1040	785579	9	380137	6555621	TUFF	63	5	5	6	00	07021	121	0041131	110	22	1	62	27	0.1	1850	4.50	1	2	2.3	0.05	52	7.7
1040	785580	9	378983	6552118	TUFF	63	6	10	6	00	03021	022	0041131	102	20	1	46	17	0.1	960	3.95	1	2	1.5	0.05	34	7.7
1040	785583	9	378095	6550899	TUFF	63	6	5	6	00	03021	022	0031131	82	44	3	46	6	0.1	190	1.50	3	2	2.3	0.05	34	7.6
1040	785584	9	375433	6555136	CHRT	30	5	5	6	00	03031	121	0041131	112	38	4	28	15	0.1	1300	3.30	3	2	3.7	0.05	24	7.3
1040	785585	9	374322	6555786	CHRT	30	3	5	6	00	03021	112	0041341	60	26	5	12	6	0.1	300	1.60	1	2	2.2	0.05	20	7.1
1040	785586	9	373116	6558849	CHRT	30	4	5	6	00	03021	111	1151141	84	16	6	9	5	0.1	240	2.20	4	2	8.8	0.05	62	6.8
1040	785587	9	370901	6555123	CHRT	30	7	5	6	00	03031	120	0041131	82	16	5	8	6	0.1	230	2.25	5	2	9.2	0.05	56	7.2
1040	785588	9	371215	6552043	CHRT	30	3	5	6	00	03021	210	0041131	112	26	5	32	19	0.1	1850	3.20	1	2	2.6	0.05	56	7.7
1040	785589	9	370325	6551275	CHRT	30	2	5	6	00	03011	210	0041341	92	40	1	70	31	0.1	795	5.70	1	2	1.1	0.05	54	7.6
1040	785590	9	372564	6549059	CHRT	30	5	5	6	00	03031	021	0041131	104	40	6	30	15	0.1	1100	4.20	3	2	2.1	0.05	34	7.8
1040	785591	9	376996	6544334	CHRT	30	6	5	6	00	03031	121	0041131	118	46	5	32	16	0.1	1050	4.80	3	2	2.1	0.05	46	7.8
1040	785592	9	374308	6545047	CHRT	30	8	5	6	00	03036	120	0041141	108	58	6	66	25	0.1	980	3.70	2	2	18.0	0.05	52	7.7
1040	785593	9	370860	6546198	CHRT	30	3	5	6	00	03011	211	0041331	106	64	6	86	27	0.1	780	3.80	4	2	2.0	0.05	34	7.5
1040	785594	9	369570	6546598	CHRT	30	6	5	6	00	03021	211	0041331	122	58	10	40	18	0.1	890	3.10	4	2	2.3	0.05	44	8.0
1040	785595	9	367913	6547312	LMSN	30	8	5	6	00	03021	111	0041131	100	44	6	58	17	0.1	735	2.80	2	2	2.1	0.05	48	8.1
1040	785596	9	365104	6547748	TILL	64	3	5	6	10	03021	021	0041131	106	42	6	37	13	0.1	200	2.20	3	2	2.4	0.05	48	8.1
1040	785597	9	365104	6547748	TILL	64	3	5	6	20	03021	021	0041131	96	36	6	33	12	0.1	160	1.95	2	2	2.4	0.05	48	8.1
1040	785598	9	363059	6546881	LMSN	30	5	5	6	00	03031	121	0041131	108	24	2	58	18	0.1	2000	3.20	1	2	1.3	0.05	28	8.2
1040	785599	9	359645	6546823	TILL	64	3	10	6	00	03021	022	0041131	172	28	3	42	15	0.1	1300	3.75	2	2	2.5	0.05	24	7.8
1040	785600	9	358696	6545739	TILL	64	3	5	6	00	03031	121	0041341	140	30	3	53	17	0.1	1700	3.20	2	2	1.8	0.05	30	7.9
1040	785602	9	357177	6544763	TUFF	63	3	5	6	00	03021	012	0031341	92	32	4	39	13	0.1	390	3.00	1	2	2.8	0.05	40	7.6
1040	785603	9	353718	6545724	TILL	64	6	10	6	00	07021	022	0031131	82	38	4	48	14	0.1	1400	2.75	1	2	1.8	0.05	48	7.7
1040	785604	9	355664	6547764	TILL	64	3	10	6	00	07011	022	0031341	80	22	3	29	11	0.1	1200	3.45	1	2	2.4	0.30	40	7.9
1040	785606	9	358932	6548679	LMSN	30	2	5	6	10	03026	121	0031331	74	16	4	34	13	0.1	790	2.40	1	2	1.3	0.05	68	8.1
1040	785607	9	358932	6548679	LMSN	30	2	5	6	20	03026	121	0031331	80	20	3	34	13	0.1	630	2.75	1	2	1.8	0.05	68	8.1
1040	785608	9	365896	6551852	TUFF	63	3	5	6	00	03033	220	0041341	94	34	1	122	39	0.1	770	6.60	2	2	0.7	0.05	68	7.4
1040	785609	9	364015	6553882	CHRT	30	3	10	6	00	07021	121	0041131	96	30	2	74	28	0.1	910	5.35	2	2	2.0	0.05	92	7.7
1040	785610	9	362762	6553918	TILL	64	4	5	6	00	03021	111	0041331	110	20	6	28	11	0.1	630	2.50	2	2	4.7	0.05	100	7.7
1040	785611	9	362065	6556734	TILL	64	3	5	6	00	03036	120	0041131	70	20	4	24	10	0.1	225	1.50	1	2	3.9	3.20	140	7.6
1040	785612	9	357882	6556141	TILL	64	2	5	6	00	07011	021	0041341	146	26	4	31	7	0.1	140	1.75	1	2	3.4	0.10	40	7.5

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785613	9	357566	6553317	TUFF	63	2	5	6	00	07026	021	0031341	120	14	4	24	7	0.1	430	2.50	1	2	4.2	0.05	50	7.5
1040	785614	9	354239	6553963	LMSN	30	2	5	6	00	07021	021	0031341	114	38	4	33	9	0.1	280	2.30	2	2	3.0	0.52	64	7.6
1040	785615	9	353283	6554705	LMSN	30	5	10	6	00	07021	012	0031341	102	50	3	32	10	0.1	2250	4.45	3	2	2.8	0.05	80	7.7
1040	785616	9	352171	6559853	LMSN	30	2	5	6	00	03011	021	0041131	225	64	3	48	11	0.5	880	8.80	9	2	8.4	0.05	48	7.7
1040	785617	9	355257	6559792	CHRT	30	4	5	6	00	03021	220	0041131	120	40	7	36	12	0.1	665	2.20	3	2	3.0	0.10	60	8.0
1040	785618	9	352275	6562071	CHRT	30	6	10	6	00	03021	121	0041341	196	76	8	46	11	0.2	500	2.65	4	2	4.5	0.10	44	7.7
1040	785619	9	353236	6561265	CHRT	30	4	10	6	00	03021	021	0041341	110	36	5	45	14	0.1	1050	2.80	2	2	2.3	1.30	48	7.7
1040	785620	9	351151	6564598	CHRT	30	3	5	6	00	03021	021	0041341	156	64	10	39	12	0.1	440	2.50	5	2	4.2	0.05	38	7.5
1040	785622	9	351956	6565762	CHRT	30	4	10	6	00	03021	211	0041341	78	28	4	38	10	0.1	400	2.20	1	2	2.3	2.70	36	7.3
1040	785623	9	353822	6567397	CHRT	30	2	5	6	00	07011	012	0041331	122	18	1	55	29	0.1	18250	13.50	2	2	1.4	0.05	46	7.3
1040	785624	9	354099	6569401	LMSN	30	4	10	6	00	03021	021	0041131	88	34	4	36	11	0.1	480	2.40	1	2	2.7	0.10	52	7.5
1040	785625	9	354333	6572271	QRZD	51	3	5	6	00	03031	220	0041331	58	26	5	18	9	0.1	245	1.60	2	2	4.0	0.12	36	7.5
1040	785626	9	357820	6571138	QZMZ	48	4	5	6	00	03031	021	0041331	70	38	6	17	8	0.3	360	1.45	5	2	2.0	0.05	30	6.6
1040	785627	9	357174	6568373	CHRT	30	3	10	6	00	07021	022	0041131	100	18	3	17	8	0.1	1550	3.40	3	2	8.3	0.05	160	7.3
1040	785628	9	363942	6581202	GRNT	53	3	5	6	00	03011	022	0041131	128	20	4	24	14	0.1	3050	3.90	5	2	34.9	0.05	140	7.4
1040	785629	9	362983	6580487	GRNT	53	6	10	6	00	03031	121	0041131	54	12	4	18	8	0.1	220	1.95	3	4	7.5	0.52	100	7.3
1040	785630	9	360455	6580210	GRNT	53	8	20	6	10	03021	130	0041131	66	10	4	22	8	0.1	440	2.10	2	2	11.7	0.05	150	7.1
1040	785631	9	360455	6580210	GRNT	53	8	20	6	20	03021	130	0041131	66	10	4	20	9	0.1	495	2.50	2	4	10.5	0.05	150	7.1
1040	785632	9	362520	6577387	GRNT	53	5	5	6	00	03021	210	0041341	100	8	7	6	11	0.1	580	2.85	2	4	26.7	0.42	140	7.0
1040	785633	9	361982	6576955	GRNT	53	6	5	6	00	03031	022	0041341	84	16	5	26	7	0.1	300	1.90	1	2	3.0	0.05	130	7.2
1040	785634	9	358692	6575691	QZMZ	48	10	10	6	00	03031	013	0041131	62	10	4	11	5	0.1	145	1.10	3	2	16.7	0.05	200	6.9
1040	785635	9	360720	6573963	GRNT	53	8	10	6	00	03031	310	0041131	94	14	8	11	7	0.1	340	2.50	8	14	33.5	0.05	180	7.0
1040	785636	9	364374	6574518	GRNT	53	7	5	6	00	03031	210	0041131	36	8	3	2	4	0.1	190	1.30	4	4	24.1	0.05	110	7.0
1040	785637	9	365714	6572259	GRNT	53	10	10	6	00	03021	121	0041142	38	10	2	4	7	0.1	90	1.25	3	2	14.0	0.90	58	6.9
1040	785638	9	367003	6572922	GRNT	53	3	5	6	00	03021	031	0051342	94	34	9	24	19	0.1	330	4.65	18	6	35.0	0.05	38	7.2
1040	785639	9	367130	6575833	GRNT	53	8	15	6	00	03031	210	0051131	46	10	3	4	6	0.1	380	1.90	6	10	18.4	0.05	84	7.0
1040	785643	9	368500	6575355	GRNT	53	8	5	6	00	03031	031	0051131	66	34	8	4	4	0.1	340	1.95	8	12	17.8	0.05	310	7.1
1040	785644	9	366673	6578535	GRNT	53	4	5	6	00	03011	022	0041131	42	6	3	4	5	0.1	290	1.90	3	2	14.6	0.30	160	7.0
1040	785645	9	369583	6574864	GRNS	46	4	5	6	00	03021	121	0041131	74	82	12	6	10	0.1	490	3.30	2	12	27.7	0.05	240	6.8
1040	785646	9	368792	6572644	GRNT	53	7	10	6	00	03021	220	0141131	36	8	3	2	2	0.1	230	1.40	15	14	40.0	0.05	160	6.8
1040	785647	9	365998	6568416	GRNT	53	6	10	6	00	03021	121	0041141	76	14	13	5	3	0.1	155	1.25	6	2	36.2	0.05	390	6.7
1040	785648	9	365201	6567290	GRNT	53	8	10	6	00	03031	210	0041141	270	14	14	4	3	0.2	230	1.30	3	24	25.3	0.05	480	6.9
1040	785649	9	362082	6569172	GRNT	53	4	5	6	10	03021	120	0041131	60	16	6	12	12	0.1	285	2.50	7	2	19.2	0.05	78	6.8
1040	785650	9	362082	6569172	GRNT	53	4	5	6	20	03021	120	0041131	60	16	6	13	11	0.1	320	2.60	9	4	19.1	0.05	78	6.8
1040	785651	9	359938	6569745	CHRT	30	8	10	6	00	03031	220	0041341	88	22	8	22	8	0.1	360	2.25	4	4	17.6	0.05	190	7.1
1040	785652	9	361939	6566376	CHRT	30	5	5	6	00	03021	211	0041341	144	82	12	34	16	0.1	600	3.40	6	2	2.1	0.05	32	7.0
1040	785653	9	359424	6565545	CHRT	30	3	5	6	00	03021	022	0041131	84	14	2	10	4	0.1	640	2.10	3	2	11.9	0.05	230	7.8
1040	785654	9	357667	6561267	TUFF	63	6	10	6	00	07021	022	0041131	156	24	4	32	12	0.1	4000	3.30	4	2	5.4	0.05	100	7.7
1040	785655	9	360538	6562878	CHRT	30	2	5	6	00	03021	012	1141141	132	32	2	22	14	0.1	3500	10.00	6	2	3.0	0.05	58	7.4
1040	785656	9	363544	6565090	CHRT	30	2	5	6	00	03031	022	0441341	128	64	7	32	14	0.1	545	3.15	5	2	2.6	0.05	28	7.2
1040	785657	9	363237	6563412	CHRT	30	5	10	6	00	03031	121	0041131	126	84	8	34	16	0.1	585	3.75	4	2	11.6	0.05	26	7.1
1040	785658	9	367210	6563985	LMSN	30	3	5	6	00	03031	012	0041331	785	96	47	57	22	0.2	1100	3.45	11	4	9.9	0.05	92	7.4
1040	785659	9	365157	6560376	CHRT	30	5	10	6	00	03031	021	0041131	98	50	8	27	12	0.1	520	2.70	2	2	3.5	0.05	30	7.3
1040	785660	9	361931	6560427	CHRT	30	3	5	6	00	07021	031	1141131	106	42	6	27	13	0.5	1500	3.70	4	2	5.6	0.05	56	7.8
1040	785663	9	362156	6559474	CHRT	30	6	5	6	00	07021	121	0041141	162	36	5	30	14	0.1	2500	3.90	3	2	4.0	0.05	56	7.7
1040	785664	9	337820	6553357	GRNS	30	2	5	6	00	07011	022	0031131	76	38	2	60	15	0.1	760	2.80	1	2	1.7	0.05	46	7.6
1040	785665	9	336425	6549567	GRNS	30	3	5	6	00	03021	022	1031341	116	44	2	62	14	0.1	1400	3.20	2	2	2.4	0.05	32	7.7
1040	785666	9	336200	6544425	TILL	64	2	10	6	00	07011	012	0031341	100	32	2	54	20	0.1	2500	3.70	2	2	2.3	0.05	52	7.8
1040	785667	9	337707	6544338	TILL	64	2	5	6	00	07011	022	0031341	82	28	2	58	17	0.1	1350	2.85	1	2	1.9	0.05	52	7.7
1040	785668	9	333607	6548597	GRNS	30	2	5	6	00	07313	022	0031341	118	18	1	31	14	0.1	22000	6.70	2	2	1.6	0.05	48	7.6

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AG E	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785669	9	330706	6549207	TILL	64	4	5	6	00	07021	022	0031131	102	30	2	78	20	0.1	3100	3.50	1	2	1.4	0.10	38	8.0
1040	785670	9	330463	6547572	TILL	64	3	5	6	00	07011	211	0031341	108	22	2	38	14	0.1	875	2.35	1	2	2.1	0.05	56	8.0
1040	785671	9	337153	6556070	GRNS	30	3	5	6	00	03026	031	0031131	78	48	4	64	15	0.1	375	2.70	1	2	1.7	0.05	34	7.9
1040	785672	9	332441	6556826	GRNS	30	3	5	6	00	03021	012	0031341	146	76	2	76	20	0.1	4750	4.80	2	2	2.8	0.05	20	7.5
1040	785673	9	334028	6557437	GRNS	30	3	10	6	00	07013	022	0031341	116	60	2	54	11	0.1	590	3.25	2	2	2.6	0.05	26	7.4
1040	785674	9	332881	6558991	TILL	64	2	5	6	00	07011	012	0031341	88	52	2	48	12	0.1	400	3.40	1	2	2.1	0.05	42	7.8
1040	785675	9	331964	6562143	TILL	64	3	5	6	10	07021	022	0031141	90	52	4	48	14	0.1	610	2.55	2	2	2.4		28	7.6
1040	785676	9	331964	6562143	TILL	64	3	5	6	20	07021	022	0031141	92	48	5	46	13	0.1	500	2.40	1	2	2.0	0.05	34	7.5
1040	785677	9	332282	6561626	TILL	64	2	5	6	00	07026	031	0031141	106	64	6	54	15	0.1	360	2.70	2	2	3.0	0.05	32	7.6
1040	785678	9	348866	6560606	LMSN	30	3	10	6	00	07013	013	0031341	76	30	3	28	8	0.1	885	2.50	1	2	2.2	0.62	130	8.0
1040	785679	9	349431	6561592	CHRT	30	4	5	1	00	03003	031	0041341	156	196	4	34	6	0.6	195	1.60	1	2	3.8			
1040	785680	9	348292	6562401	CHRT	30	2	5	6	00	07011	013	0041341	78	58	5	32	10	0.1	1700	2.70	2	2	3.0	0.10	170	7.9
1040	785682	9	348040	6563349	CHRT	30	2	5	6	00	07026	031	0041341	76	22	4	24	9	0.1	260	1.90	1	2	2.1	0.05	170	7.6
1040	785683	9	345771	6565356	CHRT	30	3	5	6	00	07021	012	0041341	78	40	5	27	10	0.1	390	2.20	1	2	2.4	0.05	80	7.6
1040	785684	9	345938	6567554	CHRT	30	1	5	6	00	07011	022	0041341	114	84	8	50	12	0.4	2000	3.00	4	2	4.5	0.05	110	7.0
1040	785685	9	344754	6571558	CHRT	30	6	5	6	00	03031	021	0041131	88	42	5	38	12	0.1	505	2.25	2	2	2.5	0.05	54	7.7
1040	785686	9	349049	6569318	CHRT	30	4	5	6	00	03036	211	0041141	86	32	6	24	9	0.1	275	1.95	2	2	2.9	0.05	34	7.4
1040	785687	9	349941	6569615	CHRT	30	5	5	6	10	03031	220	0041141	78	40	4	29	11	0.1	490	2.20	3	2	2.5	0.05	62	7.6
1040	785688	9	349941	6569615	CHRT	30	5	5	6	20	03031	220	0041141	84	40	4	32	10	0.1	520	2.20	2	2	2.6	0.05	64	7.8
1040	785689	9	403161	6625721	QZMZ	48	5	5	6	00	03021	030	0041131	48	16	2	39	14	0.1	305	2.30	1	2	7.7	0.05	56	7.5
1040	785690	9	401835	6627502	QZMZ	48	2	5	6	00	07011	012	0041331	46	26	1	22	4	0.1	110	1.40	1	2	10.5	0.05	120	7.1
1040	785691	9	403211	6629963	QZMZ	48	7	5	6	00	03031	220	0041131	44	6	2	10	5	0.1	325	1.50	1	2	7.3	0.05	44	7.3
1040	785692	9	409868	6623760	QZMZ	48	5	5	6	00	03031	121	0041131	56	20	5	8	7	0.1	440	1.90	1	2	6.7	0.05	44	7.4
1040	785693	9	411571	6626551	QZMZ	48	8	5	6	00	03031	031	0041131	48	14	3	7	5	0.1	290	1.70	1	2	5.9	0.05	52	7.2
1040	785694	9	413166	6624585	QZMZ	48	4	5	6	00	03022	121	0041141	52	14	5	12	5	0.1	190	1.30	1	2	6.8	0.05	52	7.2
1040	785695	9	415571	6625310	QZMZ	52	2	5	6	00	03031	121	0041341	140	6	28	7	4	0.6	265	1.35	3	2	12.6	0.26	32	6.9
1040	785696	9	415219	6625764	QZMZ	52	3	5	6	00	03031	022	0041341	166	8	34	5	5	1.4	300	1.65	1	4	19.5	0.05	36	7.1
1040	785697	9	412299	6629033	TUFF	63	10	10	6	00	03021	121	0041121	54	6	8	7	4	0.1	285	1.35	1	2	6.2	0.05	46	7.1
1040	785698	9	410797	6632785	TUFF	63	10	10	6	00	03031	120	0041121	58	8	8	8	5	0.1	230	1.40	1	2	7.7	0.05	50	7.4
1040	785700	9	411815	6632239	QZMZ	52	8	10	6	00	03031	120	0141131	52	6	8	6	4	0.1	290	1.30	1	2	6.1	0.05	40	7.4
1040	785702	9	406751	6633715	QZMZ	48	6	5	6	00	03036	121	1141131	66	18	5	9	5	0.1	1550	3.50	1	2	8.8	0.05	46	7.2
1040	785703	9	405163	6635725	CHRT	30	5	5	6	00	03021	030	1141131	108	72	4	26	8	0.1	295	3.45	3	2	3.7	0.05	46	6.9
1040	785705	9	413131	6639377	QZMZ	52	8	5	6	00	03031	210	0041131	300	10	48	8	5	0.2	1700	1.65	1	2	15.3	0.18	150	7.5
1040	785706	9	413714	6640610	QZMZ	52	6	5	6	00	03031	111	0041131	110	10	170	3	2	1.4	400	1.10	1	2	22.0	0.10	44	7.3
1040	785707	9	412778	6642452	QZMZ	52	7	10	6	10	03021	210	0041131	240	6	60	4	3	0.5	780	1.10	2	2	12.5	0.16	100	7.3
1040	785708	9	412778	6642452	QZMZ	52	7	10	6	20	03021	210	0041131	220	4	54	4	3	0.1	780	1.00	2	2	10.9	0.20	110	7.3
1040	785709	9	410665	6645919	QZMZ	52	2	5	6	00	03031	121	0041141	310	14	280	5	4	2.2	1950	2.05	7	6	25.4	0.14	42	6.9
1040	785710	9	411714	6645608	QZMZ	52	8	5	6	00	03031	210	0041141	164	4	40	3	3	0.7	340	1.00	1	2	14.7	0.26	42	7.3
1040	785711	9	408364	6641813	QZMZ	52	5	5	6	00	03032	120	0041131	192	4	104	3	3	0.1	275	1.05	1	2	11.8	0.10	56	7.3
1040	785712	9	406383	6640423	QRZD	48	5	10	6	00	03032	211	0041131	116	6	42	6	4	0.2	145	0.85	1	2	10.1	0.05	68	7.4
1040	785713	9	404195	6641570	QRZD	48	3	5	6	00	03021	210	0041131	68	12	7	12	6	0.2	395	2.10	1	2	7.6	0.20	44	7.7
1040	785714	9	409233	6648333	QZMZ	52	4	20	6	00	03022	120	0041131	122	4	42	3	3	0.9	430	1.40	3	2	46.1	0.66	80	7.3
1040	785715	9	410231	6651229	QZMZ	52	8	10	6	00	03031	120	0041131	122	6	39	5	3	0.5	280	1.35	2	2	37.8	0.70	82	7.3
1040	785716	9	406039	6648931	QZMZ	52	3	5	6	00	03031	121	0041341	158	6	70	5	3	1.1	410	1.50	2	8	31.8	0.05	36	6.8
1040	785717	9	404276	6651359	QZMZ	52	4	5	6	00	03031	121	0041141	156	16	32	12	6	1.0	360	2.60	2	4	35.3	0.14	44	7.2
1040	785718	9	401571	6648446	GRNS	29	9	10	6	00	03031	120	0041131	92	10	18	12	6	0.2	450	1.95	1	4	10.9	0.22	44	7.8
1040	785719	9	401528	6649319	GRNS	29	10	10	6	00	03031	120	0041131	120	12	29	12	5	0.1	825	2.00	1	4	12.8	0.14	54	7.6
1040	785720	9	398764	6650873	GRNS	29	3	5	6	00	03031	121	0041331	96	18	12	18	7	0.1	520	2.30	1	2	4.8	0.10	40	7.9
1040	785722	9	395660	6651234	GRNS	29	10	10	6	00	03031	121	0041131	86	8	12	11	5	0.1	340	1.80	2	2	6.5	0.16	50	7.8
1040	785723	9	396235	6649961	GRNS	29	10	10	6	00	03026	210	1141121	70	8	12	7	5	0.1	285	1.75	1	2	5.7	0.18	46	7.6

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785724	9	381457	6637068	CHRT	30	6	5	6	00	03031	211	0041131	40	14	2	12	5	0.1	400	1.80	2	2	3.8	0.05	30	7.5
1040	785725	9	386030	6636609	TILL	64	4	10	6	00	03021	211	0041131	48	10	1	16	6	0.1	345	1.75	2	2	3.6	0.05	34	7.5
1040	785726	9	386227	6633665	TILL	64	10	5	6	00	03031	012	0041131	36	10	1	11	4	0.1	340	1.55	3	2	10.8	0.16	40	7.5
1040	785727	9	391197	6635200	CHRT	30	6	10	6	00	07021	121	0041331	68	14	3	15	7	0.1	510	3.00	1	2	6.6	0.05	34	7.5
1040	785728	9	393474	6633250	CHRT	30	3	5	6	00	03031	021	0041131	64	18	6	21	8	0.2	670	2.20	1	2	2.4	0.05	52	7.7
1040	785729	9	393903	6638940	QRZD	48	5	5	6	10	03031	121	0041341	38	20	3	16	6	0.1	255	1.55	2	2	3.1	0.30	34	7.9
1040	785731	9	393903	6638940	QRZD	48	5	5	6	20	03031	111	0041341	42	22	2	14	5	0.1	280	1.55	2	2	6.1	0.32	40	8.0
1040	785732	9	395797	6636973	CHRT	30	5	5	6	00	03021	121	0041341	86	46	9	22	10	0.1	540	2.75	1	2	2.5	0.05	24	7.6
1040	785733	9	396530	6637560	QRZD	48	5	15	6	00	03021	031	0041341	56	16	4	20	6	0.1	330	2.10	2	2	2.8	0.48	24	8.0
1040	785734	9	395057	6641699	QRZD	48	4	5	6	00	03021	121	0041341	38	22	2	10	4	0.1	190	1.10	1	2	6.1	0.05	34	7.5
1040	785735	9	394332	6643867	QRZD	48	3	5	6	00	03031	111	0041341	98	36	6	15	4	0.1	260	1.80	1	2	2.5	0.36	40	8.2
1040	785736	9	398433	6644201	QRZD	48	2	5	6	00	03021	121	0041131	46	10	5	16	5	0.1	260	1.50	1	2	2.8	0.05	30	7.6
1040	785737	9	398452	6641790	QRZD	48	4	5	6	00	03031	121	0041331	102	42	7	17	5	0.1	380	1.75	4	2	2.4	0.36	36	8.2
1040	785738	9	399608	6640350	QRZD	48	3	5	6	00	03021	120	0041341	184	62	4	59	6	0.7	600	3.20	5	2	3.6	0.05	42	6.9
1040	785739	9	399574	6637309	QRZD	48	3	5	6	00	03021	022	1141131	280	30	1	76	10	0.1	4400	11.50	8	2	7.0	0.74	52	7.9
1040	785740	9	401849	6637179	CHRT	30	2	5	6	00	03021	012	0041341	775	162	12	265	44	1.0	1000	3.70	2	2	27.9	0.10	190	7.4
1040	785742	9	399720	6634112	CHRT	30	5	5	6	00	03031	121	0541131	102	40	8	43	10	0.2	500	2.60	2	2	3.4	0.22	26	8.2
1040	785743	9	402357	6632586	QZMZ	48	2	5	6	00	03031	121	0041341	84	14	8	15	7	0.2	800	3.00	1	2	30.2	0.05	64	7.4
1040	785744	9	399362	6630558	QZMZ	48	6	5	6	00	03031	220	0041131	40	10	2	26	7	0.1	330	1.90	1	2	3.9	0.05	52	7.5
1040	785745	9	399766	6631223	QZMZ	48	10	5	6	00	03031	120	0041131	44	10	2	29	6	0.1	260	1.70	1	2	2.5	0.18	60	7.8
1040	785746	9	396103	6630057	CHRT	30	10	20	6	00	07021	030	0041131	46	10	3	28	7	0.1	340	1.80	2	2	3.1	0.10	62	7.7
1040	785747	9	395311	6628886	CHRT	30	20	5	6	00	03031	111	0041131	40	12	2	10	4	0.1	560	1.60	1	2	29.7	0.10	20	7.3
1040	785748	9	396472	6628693	QZMZ	48	20	15	6	00	07026	030	0041121	44	10	1	39	11	0.1	280	2.25	2	2	2.6	0.05	36	7.5
1040	785750	9	393591	6630155	CHRT	30	5	5	6	10	03021	031	0041131	44	18	4	14	6	0.1	340	1.65	1	2	4.7	0.05	36	7.5
1040	785751	9	393591	6630155	CHRT	30	5	5	6	20	03021	031	0041131	46	16	4	14	6	0.1	370	1.70	1	2	5.1	0.05	42	7.5
1040	785752	9	394109	6629742	CHRT	30	10	10	6	00	03021	121	0041131	22	4	2	5	2	0.1	125	0.75	1	2	14.5	0.05	28	7.5
1040	785753	9	393223	6626461	QZMZ	48	15	30	6	00	03021	112	0041131	32	8	3	5	3	0.1	210	1.30	1	2	18.7	0.10	30	7.5
1040	785754	9	389446	6629039	QZMZ	48	3	5	6	00	03031	210	0041341	58	22	4	17	8	0.1	695	2.15	1	2	6.0	0.05	52	7.4
1040	785755	9	390700	6627800	QZMZ	48	5	5	6	00	03021	111	0041341	36	12	4	6	4	0.1	350	1.70	2	2	10.6	0.05	20	7.5
1040	785756	9	368246	6629502	TILL	64	8	10	6	00	03031	121	0041131	18	4	2	2	1	0.2	150	0.65	1	2	5.3	0.05	58	7.6
1040	785757	9	367443	6624908	QZMZ	48	8	10	6	00	03031	022	0041131	24	4	3	2	1	0.1	215	0.65	1	2	6.0	0.05	88	6.9
1040	785758	9	371735	6618876	QZMZ	48	4	5	6	00	03021	120	0041341	34	12	2	12	4	0.1	165	1.30	1	2	15.3	0.05	54	7.2
1040	785759	9	381410	6597758	TILL	64	4	5	6	00	03021	012	0041131	76	14	3	18	6	0.1	350	1.60	2	2	6.0	0.05	34	7.4
1040	785760	9	378299	6595689	QZMZ	52	4	5	6	00	03021	022	0041341	76	14	8	16	6	0.1	265	2.60	1	2	10.0	0.05	20	7.2
1040	785762	9	376803	6596214	QZMZ	52	6	5	6	00	03031	121	0041341	38	18	3	8	3	0.1	250	1.35	2	2	6.6	0.05	20	7.1
1040	785763	9	377153	6596760	QZMZ	52	3	5	6	00	03031	031	0041341	94	60	4	43	21	0.2	770	3.70	10	2	17.6	0.05	24	7.4
1040	785764	9	374881	6599193	CHRT	30	2	5	6	10	03021	021	0041141	96	42	10	22	7	0.1	350	2.00	1	2	4.5	0.48	50	8.0
1040	785765	9	374881	6599193	CHRT	30	2	5	6	20	03021	021	0041141	96	40	11	21	7	0.2	360	1.95	1	2	4.4	0.44	56	8.0
1040	785766	9	372598	6597422	CHRT	30	3	5	6	00	03031	022	0041341	100	28	8	26	8	0.2	315	2.40	6	2	12.9	0.05	20	7.2
1040	785767	9	371231	6593237	QZMZ	52	5	10	6	00	03036	021	0041141	42	12	3	8	4	0.1	280	1.40	1	2	9.9	0.05	10	7.0
1040	785768	9	358079	6589715	GRNS	46	3	5	6	00	07021	021	0041131	42	8	1	15	10	0.1	520	1.70	1	2	3.7	0.05	42	7.8
1040	785769	9	357175	6587580	GRNS	46	3	5	6	00	03031	121	0041131	66	16	3	24	7	0.1	340	2.05	1	2	3.7	0.05	24	7.1
1040	785770	9	357060	6584650	GRNS	46	7	5	6	00	03031	021	0041131	56	56	3	31	12	0.2	390	2.40	1	2	2.7	0.05	10	7.0
1040	785771	9	356508	6582067	GRNS	46	8	5	6	00	03021	021	0041131	72	50	7	12	10	0.2	390	2.50	1	2	3.0	0.05	30	7.6
1040	785772	9	356081	6580455	CHRT	30	6	5	6	00	03031	121	0041131	220	52	78	20	7	1.8	610	2.70	3	4	2.7	0.05	180	6.9
1040	785773	9	354419	6578554	QRZD	51	9	10	6	00	03021	021	0041131	54	20	4	20	8	0.1	890	2.25	1	2	8.0	0.05	22	7.3
1040	785774	9	355721	6578148	QRZD	51	4	5	6	00	03031	211	0041131	60	18	2	42	12	0.1	500	2.45	1	2	7.5	0.05	24	7.2
1040	785775	9	351365	6578087	QRZD	51	5	5	6	00	03036	120	0041131	56	26	5	5	7	0.1	430	2.10	1	18	15.5	0.05	20	7.3
1040	785776	9	351782	6573681	QRZD	51	4	5	6	00	03031	121	1141341	62	68	3	16	6	0.2	240	2.25	53	28	12.0	0.05	30	7.1
1040	785777	9	351174	6574624	QRZD	51	4	5	6	00	03031	211	0041341	62	50	2	14	7	0.1	365	2.50	2	6	6.6	0.05	20	7.0

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785778	9	349844	6574363	QRZD	51	6	5	6	00		03031	022	0041131	66	40	3	24	9	0.1	425	2.50	1	2	6.5	0.05	20	7.2
1040	785779	9	347468	6575101	QRZD	51	5	5	6	00		03031	112	0041131	58	40	4	12	7	0.1	340	2.25	1	2	4.6	0.05	20	7.1
1040	785783	9	345983	6573692	QRZD	51	6	5	6	00		03031	220	0041131	60	36	3	25	10	0.2	390	2.30	1	2	3.3	0.05	20	7.4
1040	785784	9	344656	6576790	QRZD	51	5	5	6	00		03031	121	0041131	120	52	4	38	11	0.1	430	2.75	3	2	4.7	0.05	58	7.7
1040	785785	9	347876	6580715	QRZD	51	3	5	6	00		03031	021	0041142	108	74	11	15	9	0.2	630	2.90	1	2	35.1	0.05	20	7.0
1040	785786	9	340062	6578726	QRZD	51	7	10	6	10		03026	031	0141131	52	28	3	19	6	0.1	225	1.90	2	2	6.3	0.05	10	7.4
1040	785787	9	340062	6578726	QRZD	51	7	10	6	20		03026	031	0141131	54	28	2	20	6	0.1	195	1.65	3	2	5.4	0.05	20	7.5
1040	785788	9	340841	6580431	QRZD	51	4	5	6	00		03031	130	0041131	56	44	1	12	7	0.1	320	2.10	2	2	7.1	0.05	20	7.4
1040	785789	9	344420	6580766	QRZD	51	2	5	6	00		03031	031	0041131	80	148	8	10	12	0.1	1200	4.75	2	2	6.1	0.05	10	7.2
1040	785790	9	342878	6583080	QRZD	51	5	5	6	00		03031	012	0041131	86	54	3	12	10	0.1	1100	3.55	4	4	7.0	0.05	20	7.2
1040	785791	9	344902	6583592	QRZD	51	3	5	6	00		03031	022	0041341	64	44	3	19	11	0.2	620	3.40	3	2	8.9	0.05	10	6.9
1040	785792	9	346769	6584228	QRZD	51	6	10	6	00		03031	021	0041131	80	48	6	14	7	0.1	470	2.30	4	2	7.0	0.05	10	7.1
1040	785793	9	349571	6584803	CHRT	30	6	5	6	00		03031	112	0041131	88	34	2	12	12	0.1	1750	3.60	3	4	3.3	0.05	24	7.1
1040	785794	9	349363	6582760	CHRT	30	3	5	6	00		03031	012	0041331	92	46	10	13	5	0.2	650	2.20	5	2	7.9	0.05	10	6.9
1040	785795	9	351291	6582726	CHRT	30	8	5	6	00		03031	211	0041131	92	36	6	10	6	0.1	370	2.00	1	24	3.4	0.05	24	6.9
1040	785796	9	350487	6582122	CHRT	30	4	5	6	00		03031	031	0041131	86	46	5	12	7	0.1	490	2.80	3	2	3.9	0.05	20	7.0
1040	785797	9	352681	6584411	CHRT	30	4	5	6	00		03031	022	0041331	68	32	5	18	8	0.1	540	2.35	1	2	2.3	0.05	24	7.0
1040	785798	9	350424	6588524	QZMZ	48	2	5	6	00		03021	022	0041331	86	22	2	22	9	0.1	410	2.65	2	2	3.0	0.05	20	7.3
1040	785799	9	348840	6588046	QZMZ	48	5	5	6	00		03031	121	0041131	96	18	2	26	11	0.1	1450	3.20	1	2	6.2	0.05	26	7.6
1040	785800	9	345905	6588549	QZMZ	48	8	10	6	00		03031	012	0041131	98	26	3	24	11	0.2	2650	3.20	3	2	3.9	0.05	20	7.2
1040	785802	9	346329	6592719	QZMZ	48	7	5	6	00		03021	022	0041131	72	18	2	34	11	0.1	840	2.30	1	2	3.9	0.05	24	7.5
1040	785803	9	349801	6592292	QZMZ	48	6	5	6	00		03031	220	0041131	68	16	2	31	10	0.1	400	2.10	1	4	4.7	0.22	42	7.7
1040	785804	9	344070	6595159	TILL	64	3	5	6	00		07011	013	0041341	108	36	1	26	11	0.1	2300	4.10	1	2	9.8	2.20	98	7.7
1040	785805	9	341887	6589854	CHRT	30	2	5	6	00		07026	130	0041341	48	14	2	20	8	0.1	545	1.80	1	4	2.2	0.05	58	7.5
1040	785807	9	339631	6591320	GRNT	53	4	10	6	10		07021	031	0041131	64	16	2	20	8	0.1	1550	2.00	1	2	4.3	0.80	88	7.8
1040	785808	9	339631	6591320	GRNT	53	4	10	6	20		07021	031	0041131	64	16	2	20	8	0.1	1200	2.10	1	2	3.9	0.88	86	7.8
1040	785809	9	335685	6588685	LMSN	30	5	10	6	00		03026	121	0041131	56	24	2	34	10	0.1	470	2.05	1	2	2.8	1.00	72	8.0
1040	785810	9	332494	6591536	LMSN	30	4	10	6	00		07021	022	0041131	64	30	2	33	9	0.1	500	2.25	2	2	2.9	0.88	92	7.9
1040	785811	9	332403	6593071	LMSN	30	2	5	6	00		07013	012	0041341	66	24	2	41	11	0.1	2000	2.50	1	2	1.5	0.40	110	7.8
1040	785812	9	330873	6594583	LMSN	30	4	5	6	00		07026	031	0041131	62	30	1	46	10	0.1	515	2.25	1	2	3.5	0.86	66	7.8
1040	785813	9	339395	6594520	TILL	64	2	5	6	00		07021	121	0041131	84	16	2	26	8	0.1	770	1.95	1	2	15.1	8.80	76	7.9
1040	785814	9	340654	6599509	TILL	64	4	5	6	00		07026	031	0041131	64	22	2	25	10	0.1	675	2.40	1	2	5.7	0.98	98	7.7
1040	785815	9	340295	6601293	TILL	64	2	5	6	00		07021	021	0041341	48	14	1	17	7	0.1	285	1.50	1	2	4.4	1.20	92	7.5
1040	785816	9	334718	6600453	QRZD	51	3	5	6	00		03026	130	0041131	48	14	2	22	6	0.2	170	1.55	1	2	3.7	0.05	38	7.4
1040	785817	9	332157	6605171	QRZD	51	3	10	6	00		07021	022	0041341	64	32	2	34	9	0.1	385	2.10	1	2	3.4	1.10	94	7.4
1040	785818	9	338111	6584206	QRZD	51	3	5	6	00		03021	220	0041331	54	26	2	31	8	0.1	395	1.80	1	2	5.7	0.05	32	7.5
1040	785819	9	365550	6595765	QZMZ	52	3	5	6	00		03031	211	0041341	78	34	5	36	7	0.2	425	1.95	2	2	11.4	0.05	20	6.5
1040	785820	9	365950	6597333	QZMZ	52	4	5	6	00		03031	111	0041331	68	38	20	17	4	0.7	330	1.85	4	2	42.6	0.05	20	6.6
1040	785822	9	365750	6600150	QZMZ	52	4	5	6	00		03031	021	0041131	50	26	3	26	8	0.1	200	2.20	2	2	4.6	0.05	20	6.5
1040	785823	9	362721	6599917	QZMZ	52	2	5	6	00		03031	121	0041342	32	14	1	12	3	0.1	150	1.50	2	2	9.3	0.05	10	6.4
1040	785824	9	361791	6600690	QZMZ	52	2	5	6	00		03031	021	0041131	86	28	8	22	7	0.1	580	2.90	5	2	12.3	0.05	20	6.6
1040	785825	9	358324	6604004	QZMZ	52	3	5	6	00		03031	220	0041131	68	14	2	11	7	0.1	530	1.70	1	2	3.7	0.05	32	7.4
1040	785827	9	356725	6604743	GRNS	30	4	5	6	00		03021	211	0041131	84	18	1	12	6	0.1	380	1.85	2	2	2.2	0.05	20	7.3
1040	785828	9	358269	6600640	QZMZ	52	2	5	6	00		03031	130	0041341	78	34	9	22	7	0.1	420	2.80	2	2	5.3	0.05	20	6.2
1040	785829	9	361506	6596746	QZMZ	52	3	5	6	00		03036	220	0041141	64	38	4	51	16	0.2	720	2.85	1	2	2.3	0.05	28	6.7
1040	785830	9	361497	6595588	QZMZ	52	5	5	6	00		03031	210	0041141	52	24	3	35	9	0.1	375	1.95	1	2	3.4	0.05	20	6.9
1040	785831	9	357784	6596307	QZMZ	52	6	5	6	00		03036	121	0041131	44	20	1	22	6	0.1	505	1.70	1	2	2.5	0.05	20	7.1
1040	785832	9	355958	6596369	QZMZ	52	6	5	6	00		03031	120	0041131	58	26	1	40	9	0.1	425	2.05	1	2	2.7	0.05	36	7.2
1040	785833	9	354597	6599583	CHRT	30	2	5	6	00		03031	111	0041341	40	16	2	22	4	0.2	250	1.25	1	2	2.7	0.05	24	6.9
1040	785834	9	353406	6600095	CHRT	30	3	10	6	10		03031	021	0041341	76	28	3	32	9	0.2	385	2.30	2	2	2.4	0.05	26	6.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785835	9	353406	6600095	CHRT	30	3	10	6	20		03031	120	0041341	84	32	4	34	8	0.4	445	2.55	2	2	2.5	0.05	28	6.5
1040	785836	9	347561	6599516	CHRT	30	2	5	6	00		03031	021	0041341	66	24	1	68	9	0.3	1950	2.10	1	2	2.0	0.05	46	7.3
1040	785837	9	354179	6602882	CHRT	30	5	10	6	00		03031	211	0041131	70	26	2	28	7	0.1	855	2.20	2	2	2.9	0.05	22	7.2
1040	785838	9	349715	6603905	GRNS	30	10	10	6	00		03031	220	0041131	56	24	2	38	9	0.1	600	2.05	1	2	2.6	0.05	24	7.2
1040	785839	9	346444	6605275	GRNS	30	3	5	6	00		03031	022	0041341	82	20	3	27	9	0.1	860	2.30	1	2	2.8	0.05	24	7.7
1040	785840	9	347052	6605381	GRNS	30	1	5	6	00		03011	022	0041341	64	32	2	33	10	0.2	540	2.70	1	2	2.3	0.05	44	7.2
1040	785842	9	343335	6607041	GRNS	30	2	5	6	00		03021	021	0041341	46	22	1	28	8	0.1	480	2.30	1	2	1.9	0.40	42	7.7
1040	785843	9	345817	6609387	GRNS	30	3	5	6	00		03031	121	0041341	140	20	3	46	9	0.2	2100	2.65	1	2	4.1	0.20	24	7.9
1040	785844	9	346137	6611612	QZMZ	48	5	5	6	00		03031	022	0041341	52	24	1	31	8	0.1	280	2.15	1	2	2.3	0.05	20	7.2
1040	785845	9	348791	6611046	QZMZ	48	2	5	6	00		03031	121	0041341	52	18	2	16	7	0.1	370	2.85	2	2	4.2	0.05	20	6.7
1040	785846	9	350870	6611493	QZMZ	48	2	5	6	00		03031	021	0041341	64	26	2	32	7	0.1	380	2.40	1	2	3.5	0.05	32	6.8
1040	785847	9	352488	6612873	CHRT	30	2	5	6	10		03031	211	0041341	80	22	1	28	10	0.1	1400	2.60	1	2	1.7	0.05	22	7.5
1040	785848	9	352488	6612873	CHRT	30	2	5	6	20		03031	211	0041341	94	22	1	30	11	0.1	1100	2.45	1	2	1.8	0.05	22	7.2
1040	785849	9	354431	6616898	QZMZ	48	3	5	6	00		03031	120	0041341	46	6	1	8	4	0.1	220	1.80	1	2	5.5	0.05	28	6.7
1040	785850	9	354476	6615866	QZMZ	48	4	5	6	00		03031	210	0041341	52	12	2	17	5	0.1	410	2.00	1	2	5.8	0.05	20	6.7
1040	785851	9	357078	6614983	QZMZ	48	2	5	6	00		03031	021	0041341	64	16	3	13	6	0.1	360	3.50	1	2	6.3	0.05	20	6.7
1040	785852	9	356015	6610205	CHRT	30	2	5	6	00		03031	021	0041341	200	104	4	74	18	0.7	895	3.45	7	2	7.6	0.05	20	7.2
1040	785853	9	357868	6612343	CHRT	30	5	10	6	00		03026	121	1141131	138	48	1	26	8	0.1	350	2.85	1	2	3.5	0.16	24	7.5
1040	785854	9	372468	6615977	QZMZ	48	4	5	6	00		03031	120	0041131	62	26	4	12	5	0.4	550	1.90	1	2	38.7	0.05	30	6.9
1040	785855	9	363742	6628019	QZMZ	48	10	10	6	00		03021	111	0041131	28	6	2	8	2	0.1	170	1.10	1	2	4.1	0.05	34	6.6
1040	785856	9	364366	6631751	QZMZ	48	6	10	6	00		03032	220	0041131	20	4	1	6	1	0.1	120	0.75	1	2	3.6	0.10	32	6.8
1040	785857	9	363207	6634145	QZMZ	48	10	10	6	00		03031	120	0041131	20	12	1	12	3	0.1	290	1.30	1	2	7.5	0.05	40	7.4
1040	785858	9	359340	6627882	QZMZ	48	8	10	6	00		03031	210	0041131	26	8	2	16	4	0.1	210	1.25	1	2	5.0	0.05	60	7.0
1040	785860	9	356781	6626557	QZMZ	48	7	10	6	00		03021	211	0041131	40	10	1	13	4	0.1	340	1.45	1	2	5.2	0.05	36	7.2
1040	785862	9	362243	6622838	QZMZ	48	2	5	6	00		03031	021	0041342	76	102	10	20	9	0.2	795	3.95	17	20	48.3	0.05	30	6.6
1040	785863	9	359624	6620585	QZMZ	48	2	5	6	00		03031	121	0041341	26	8	7	5	3	0.4	320	1.10	1	2	5.0	0.05	52	6.5
1040	785864	9	362443	6618685	QZMZ	48	6	5	6	00		03021	021	0041131	40	6	2	7	2	0.1	225	1.80	1	2	17.6	0.14	110	7.1
1040	785865	9	359995	6618279	QZMZ	48	5	5	6	00		03031	220	0141131	62	18	1	14	6	0.1	660	2.20	1	2	3.8	0.05	28	7.2
1040	785866	9	361628	6615218	QZMZ	48	3	5	6	00		03031	220	0041141	38	10	1	8	3	0.1	210	2.50	1	2	5.6	0.05	22	6.7
1040	785867	9	361231	6613771	CHRT	30	6	5	6	00		03031	121	0041141	78	34	3	22	6	0.1	450	1.95	1	2	3.9	2.30	24	7.3
1040	785868	9	358325	6615482	QZMZ	48	8	5	6	00		03031	121	0041131	68	38	1	15	7	0.1	400	2.45	1	2	3.1	0.05	24	7.1
1040	785869	9	357660	6616725	QZMZ	48	4	10	6	10		03021	021	0041341	70	18	3	11	8	0.1	345	3.20	2	2	12.8	0.05	38	6.5
1040	785871	9	357660	6616725	QZMZ	48	4	10	6	20		03021	021	0041341	62	18	2	10	7	0.1	280	2.35	3	2	11.1	0.05	44	6.9
1040	785872	9	355198	6618890	QZMZ	48	6	5	6	00		03031	022	0041341	70	24	5	20	8	0.1	730	2.90	4	2	7.7	0.05	10	6.2
1040	785873	9	353610	6618241	QZMZ	48	2	5	6	00		03031	111	0041341	62	18	2	14	7	0.1	420	2.60	1	2	8.0	0.05	10	6.6
1040	785874	9	350141	6622548	QZMZ	48	7	10	6	00		03031	121	0041331	54	18	1	30	9	0.1	460	2.30	2	2	3.8	0.05	28	7.3
1040	785875	9	352315	6622681	QZMZ	48	3	5	6	00		03021	121	0041331	54	20	1	38	10	0.1	500	2.05	1	2	3.4	0.05	38	7.6
1040	785876	9	348296	6621250	TILL	64	3	5	6	00		03021	121	0041331	52	12	1	20	8	0.1	340	2.05	1	2	4.0	0.05	40	7.4
1040	785877	9	345866	6617567	QZMZ	48	2	5	6	00		03031	111	0041341	56	20	1	42	10	0.1	375	1.95	1	2	2.2	0.64	62	7.1
1040	785878	9	344882	6619035	QZMZ	48	1	5	6	00		07011	022	0041341	56	14	1	24	7	0.1	530	1.70	1	2	3.3	7.80	180	7.9
1040	785879	9	349504	6607575	GRNS	30	4	5	6	00		03031	121	0041131	70	24	1	25	9	0.1	345	2.05	1	2	2.4	0.05	28	7.5
1040	785880	9	351248	6608105	GRNS	30	2	5	6	00		03031	211	0041131	62	22	1	26	9	0.1	380	2.10	1	2	3.4	0.05	30	7.3
1040	785882	9	351923	6606531	GRNS	30	6	10	6	00		03021	021	0041131	92	64	1	162	28	0.1	1400	4.40	1	2	1.5	0.05	20	7.3
1040	785883	9	354489	6607328	CHRT	30	3	5	6	00		03031	021	0041131	116	196	1	98	26	0.1	615	3.60	1	2	1.2	0.05	20	7.3
1040	785884	9	354446	6608455	CHRT	30	4	5	6	00		03021	121	0041141	28	54	1	28	10	0.1	360	2.20	1	2	3.8	0.05	20	6.8
1040	785885	9	352759	6609793	CHRT	30	5	10	6	00		03031	121	0041131	52	28	1	22	8	0.1	410	1.95	1	2	2.7	0.05	24	7.0
1040	785886	9	358211	6606177	CHRT	30	3	5	6	00		03031	031	0041131	70	120	1	44	21	0.1	665	3.40	1	2	1.6	0.05	10	6.8
1040	785887	9	358372	6607852	CHRT	30	3	5	6	00		03031	120	0041131	60	146	1	30	13	0.2	470	3.20	4	2	10.3	0.05	10	6.3
1040	785888	9	358651	6609443	CHRT	30	3	5	6	10		03031	120	0041331	94	70	1	30	15	0.1	475	3.40	1	2	3.2		10	6.5
1040	785889	9	358651	6609443	CHRT	30	3	5	6	20		03031	120	0041331	94	72	2	31	15	0.2	540	3.60	3	2	3.0	0.05	20	6.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785890	9	360906	6610006	CHRT	30	8	10	6	00	03031	211	0041121	120	48	4	24	5	0.1	320	2.35	5	2	7.5	0.05	26	7.2
1040	785891	9	373266	6625933	QZMZ	48	3	10	6	00	03021	022	0041141	38	12	2	6	3	0.2	730	1.25	1	2	38.1	0.05	30	7.1
1040	785892	9	375641	6628892	QZMZ	48	20	40	6	00	03011	012	0041131	24	6	1	9	3	0.1	165	1.10	1	2	5.1	0.05	48	6.8
1040	785893	9	377292	6630564	CHRT	30	3	5	6	00	02021	210	0041141	40	14	1	18	5	0.1	270	1.75	1	2	3.9	0.14	24	6.6
1040	785894	9	382201	6633819	QZMZ	48	7	10	6	00	03021	210	0042131	40	14	1	16	5	0.1	330	1.95	2	2	5.0	0.05	22	5.9
1040	785895	9	381906	6631045	QZMZ	48	8	5	6	00	03021	210	0042131	42	8	1	10	5	0.1	620	1.75	3	2	6.2	0.05	34	6.8
1040	785896	9	384638	6631374	QZMZ	48	6	10	6	00	03011	211	0042131	26	6	1	12	3	0.1	245	1.60	1	2	5.0	0.05	26	7.2
1040	785897	9	383782	6627260	QZMZ	48	40	5	6	00	03026	211	0041131	50	18	2	11	5	0.1	240	1.90	4	6	41.5	0.05	28	7.5
1040	785898	9	383486	6628189	QZMZ	48	12	10	6	00	03021	121	0041131	38	26	2	9	2	0.1	310	1.20	4	2	48.2	0.05	40	7.5
1040	785900	9	385364	6629258	QZMZ	48	10	5	6	00	03011	220	0041141	32	8	1	8	3	0.1	245	1.70	3	2	17.7	0.21	30	7.1
1040	785902	9	387205	6626637	QZMZ	48	10	5	6	00	06021	120	0042131	48	8	2	12	6	0.1	465	2.90	3	2	19.5	0.05	20	7.0
1040	785903	9	389069	6624207	QZMZ	48	5	5	6	10	03021	220	0042141	30	6	1	8	4	0.1	185	1.70	1	2	9.6	0.05	20	7.2
1040	785904	9	389069	6624207	QZMZ	48	5	5	6	20	03021	220	0042141	30	6	1	8	4	0.1	180	1.60	2	2	8.9	0.84	20	7.3
1040	785905	9	386070	6620983	QZMZ	48	2	5	6	00	06011	220	0052141	74	34	8	20	8	0.1	715	3.15	23	12	39.6	0.20	24	7.1
1040	785906	9	391169	6643363	CHRT	30	4	5	6	00	07011	112	0031341	54	18	2	10	3	0.1	220	1.10	1	2	5.8	1.80	40	7.7
1040	785907	9	391569	6644111	GRCK	48	9	10	6	00	07021	220	0031331	54	10	5	15	5	0.1	140	1.60	1	2	3.6	0.05	26	7.6
1040	785908	9	389151	6646306	GRCK	48	6	5	6	00	03021	022	0031331	68	12	6	18	6	0.1	335	1.85	1	2	6.0	0.05	22	7.7
1040	785909	9	393111	6646326	CHRT	30	5	10	6	00	03021	120	0041131	42	8	4	9	3	0.1	220	1.05	1	2	4.4	0.05	42	7.6
1040	785911	9	393849	6646035	TILL	64	12	20	6	00	03031	121	0041131	36	10	1	14	6	0.1	885	1.90	1	2	3.5	0.10	46	7.6
1040	785912	9	390840	6648792	GRCK	48	2	15	6	00	02031	210	0040141	54	14	7	16	6	0.1	450	1.90	1	2	5.0	0.05	34	7.8
1040	785913	9	389839	6652461	CHRT	30	2	5	6	00	06021	121	0030301	205	76	8	93	10	0.7	560	2.85	1	2	6.8	0.30	94	8.0
1040	785914	9	386008	6652222	CHRT	30	6	5	6	00	07021	012	0030101	64	22	7	14	6	0.1	820	2.55	1	2	5.9	0.05	26	7.6
1040	785915	9	383134	6649447	CHRT	30	7	15	6	00	03011	121	0030101	52	30	8	14	5	0.1	320	1.70	1	2	5.1	0.05	30	7.6
1040	785916	9	382998	6645353	GRCK	48	6	10	6	00	03021	031	0031131	42	12	4	14	5	0.1	425	1.65	1	2	3.1	0.10	28	7.8
1040	785917	9	383533	6641097	GRCK	48	2	5	6	00	07021	211	1032131	48	10	4	18	7	0.1	450	1.60	1	2	2.9	0.32	24	8.0
1040	785918	9	382700	6639700	CHRT	30	5	5	6	00	03031	130	0032131	36	14	2	19	7	0.1	330	1.55	1	2	2.2	0.05	32	7.5
1040	785919	9	387733	6641575	CHRT	30	6	15	6	00	03021	130	0032131	38	14	2	16	7	0.1	250	1.60	1	2	2.6	0.42	30	8.0
1040	785920	9	371659	6652724	CHRT	30	13	15	6	00	03021	121	0042131	80	16	5	22	6	0.1	685	1.60	1	6	23.4	0.14	820	7.5
1040	785922	9	364842	6653014	CHRT	30	15	5	6	00	03031	210	0041131	76	24	11	20	7	0.1	490	2.00	2	2	3.6	0.18	68	8.0
1040	785923	9	365574	6649816	CHRT	30	3	10	6	00	02011	130	0041141	54	18	5	16	6	0.1	630	1.90	1	4	2.7	0.05	30	8.1
1040	785924	9	366328	6649422	CHRT	30	12	10	6	00	03031	121	0041131	60	20	8	19	7	0.1	250	1.80	1	2	2.9	0.18	46	8.1
1040	785925	9	363737	6645394	CHRT	30	4	10	6	00	07011	012	0045131	54	12	3	10	4	0.1	1200	1.95	1	2	3.0	0.28	96	8.1
1040	785926	9	368279	6645005	CHRT	30	20	10	6	00	03031	211	0041131	58	18	6	20	7	0.1	470	1.80	1	2	3.0	0.18	58	8.1
1040	785927	9	371858	6650423	CHRT	30	10	10	6	00	03026	121	0041131	60	20	6	14	4	0.1	80	1.00	1	2	4.7	0.32	82	8.1
1040	785928	9	371753	6649751	CHRT	30	3	5	6	00	03031	121	0041141	110	28	8	20	6	0.2	720	2.00	1	2	5.6	0.05	74	7.7
1040	785929	9	377466	6650129	CHRT	30	10	10	6	00	06016	130	0031131	44	26	1	28	9	0.1	460	2.10	1	2	1.6	0.05	62	7.8
1040	785930	9	373594	6638605	CHRT	30	15	10	6	00	05031	211	0031131	32	10	1	15	6	0.1	440	1.50	1	2	5.9	0.05	52	7.3
1040	785931	9	374011	6636330	CHRT	30	8	10	6	00	03031	130	0031141	44	14	1	15	5	0.1	470	1.60	2	2	2.8	0.05	44	7.5
1040	785932	9	373536	6632181	QZMZ	48	6	10	6	00	03021	013	0031141	100	22	1	15	6	0.2	515	2.65	2	4	40.7	0.10	54	7.7
1040	785933	9	375110	6632512	CHRT	30	12	15	6	10	03031	121	0032131	42	10	1	9	3	0.1	150	1.25	2	2	9.2	0.05	48	7.3
1040	785934	9	375110	6632512	CHRT	30	12	15	6	20	03031	121	0032131	34	8	1	7	2	0.1	130	1.20	2	2	8.1	0.05	52	7.2
1040	785935	9	371334	6637533	CHRT	30	3	5	6	00	03031	210	0030101	48	16	2	16	6	0.1	300	1.70	1	2	2.4	0.05	32	7.5
1040	785937	9	368529	6637880	CHRT	30	3	10	6	00	03011	012	0030301	28	34	2	11	3	0.2	200	1.20	1	2	4.9	0.40	110	8.0
1040	785938	9	367175	6627300	QZMZ	48	4	10	6	00	03021	121	0031141	18	8	1	6	2	0.1	130	0.75	1	2	1.7	0.05	30	7.2
1040	785939	9	364937	6622894	QZMZ	48	10	5	6	00	06021	121	0051141	22	4	2	2	1	0.1	185	0.75	1	2	7.1	0.05	78	6.3
1040	785940	9	366442	6619518	QZMZ	48	8	10	6	00	06031	310	0051141	22	4	1	4	1	0.1	260	0.90	1	2	6.5	0.05	58	6.4
1040	785942	9	367984	6618279	QZMZ	48	9	10	6	00	06032	211	0051141	58	12	3	6	4	0.1	865	1.70	2	2	27.0	0.05	52	5.5
1040	785944	9	367645	6618211	QZMZ	48	10	10	6	00	06032	310	0051141	14	4	1	2	1	0.1	175	0.90	1	2	4.5	0.05	44	7.1
1040	785945	9	368079	6621426	QZMZ	48	7	5	6	10	03022	220	1051141	22	4	1	3	1	0.1	210	0.95	1	2	6.0	0.05	76	7.0
1040	785946	9	368079	6621426	QZMZ	48	7	5	6	20	03022	220	1051141	20	4	1	3	2	0.1	210	1.00	1	2	6.5	0.05	66	6.7

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	785947	9	368412	6620985	QZMZ	48	11	10	6	00	03022	220	0051141	14	4	1	2	1	0.1	110	0.60	1	2	4.3	0.05	50	6.9
1040	785948	9	370568	6619858	QZMZ	48	4	5	6	00	03021	013	0051141	30	6	2	8	2	0.1	130	1.00	1	2	5.3	0.05	52	6.9
1040	785949	9	375195	6608583	CHRT	30	4	5	6	00	02021	210	0042141	70	68	1	18	11	0.1	540	2.40	1	2	2.1	0.05	20	7.4
1040	785950	9	343963	6614114	TILL	64	8	10	6	00	03036	120	0041131	42	18	1	29	8	0.1	260	1.60	1	2	3.5	0.05	46	7.7
1040	785951	9	340338	6614817	CHRT	30	2	5	6	00	03021	111	0031131	48	18	1	29	9	0.2	410	1.90	1	2	1.9	0.40	94	7.8
1040	785952	9	340504	6615615	CHRT	30	2	5	6	00	03021	021	0031131	68	38	2	42	14	0.1	725	2.85	2	2	3.7	0.58	100	7.7
1040	785953	9	341995	6619428	QZMZ	48	3	10	6	00	07011	022	0031341	52	18	1	24	5	0.1	245	1.55	1	2	2.0	0.05	110	7.9
1040	785954	9	341207	6619759	TILL	64	2	10	6	00	07021	021	0031341	38	8	1	13	4	0.1	240	0.90	1	2	2.3	0.16	110	7.7
1040	785955	9	337639	6623630	TILL	64	2	10	6	00	07026	211	0031341	38	10	1	18	5	0.1	345	2.40	1	2	1.6	0.05	88	7.8
1040	785956	9	341085	6627422	TILL	64	3	10	6	00	03021	121	0031131	44	20	1	30	7	0.2	380	1.85	1	2	2.0	0.48	90	7.5
1040	785957	9	342190	6628916	GNSS	30	3	10	6	00	03011	022	0031331	40	22	1	14	5	0.1	500	1.65	1	2	1.8	0.05	36	7.7
1040	785958	9	343907	6630707	GNSS	30	6	5	6	00	03021	111	0041131	42	24	1	25	6	0.1	190	1.50	1	2	2.4	0.12	38	7.9
1040	785959	9	336538	6629503	GNSS	30	2	5	6	00	07011	021	0031131	42	14	1	26	8	0.1	3850	2.35	2	2	1.8	0.80	220	7.8
1040	785960	9	335312	6629608	GNSS	30	1	5	6	00	07011	111	0031341	56	24	1	30	8	0.1	535	2.10	1	2	1.8	0.05	76	7.9
1040	785962	9	332836	6629324	GNSS	30	3	5	6	00	03026	021	0031131	42	16	1	26	7	0.1	325	1.70	1	2	1.9	0.34	110	7.9
1040	785963	9	332419	6637191	GNSS	30	2	5	6	00	03011	021	0031341	68	36	1	32	9	0.1	620	2.45	1	2	2.3	0.18	100	7.6
1040	785964	9	334755	6636664	TILL	64	2	5	6	00	07011	012	0031331	74	54	2	30	9	0.1	420	2.50	1	2	3.3	0.05	110	7.2
1040	785965	9	337579	6634682	GNSS	30	1	10	6	00	03021	220	0031341	44	28	1	27	8	0.2	215	1.70	1	2	1.7	0.42	68	7.9
1040	785966	9	343232	6635768	GNSS	30	6	10	6	10	03036	120	0041131	36	32	1	16	5	0.1	210	1.50	1	2	1.7	0.32	52	7.8
1040	785967	9	343232	6635768	GNSS	30	6	10	6	20	03036	120	0041131	34	24	1	16	7	0.1	200	1.45	1	2	1.6	0.20	54	8.1
1040	785968	9	342343	6638799	TILL	64	2	5	6	00	07011	022	0041131	58	26	1	12	7	0.1	4700	4.15	2	2	2.1	0.18	96	7.9
1040	785969	9	345020	6638926	GNSS	30	3	5	6	00	03026	121	0041341	26	50	1	8	3	0.1	145	1.20	1	2	2.7	0.05	44	7.7
1040	785970	9	348462	6638869	GNSS	30	8	5	6	00	03031	120	0041131	62	22	1	12	7	0.1	1500	2.20	1	2	2.2	0.05	32	7.6
1040	785971	9	354036	6638220	GNSS	30	8	10	6	00	03036	121	0041131	38	18	1	17	6	0.1	640	1.55	1	2	2.2	0.05	42	7.6
1040	785972	9	352044	6635850	GNSS	30	5	10	6	00	03031	121	0041121	100	24	4	17	3	0.1	690	1.90	1	2	2.8	0.05	36	7.4
1040	785973	9	353204	6634054	TILL	64	5	5	6	00	03031	220	0041131	44	10	1	11	5	0.1	3300	1.80	1	2	2.3	0.05	42	7.4
1040	785974	9	350893	6632951	GNSS	30	3	5	6	00	03031	121	0041141	130	104	4	32	8	0.2	340	2.15	1	2	4.1	0.05	44	7.1
1040	785975	9	349883	6631468	GNSS	30	3	5	6	00	03031	121	0041141	108	70	1	22	7	0.2	750	2.10	1	2	3.8	0.05	26	7.9
1040	785976	9	349035	6628211	GNSS	30	5	5	6	00	03021	211	0041141	102	22	6	20	6	0.1	500	1.95	1	2	3.3	0.10	44	8.0
1040	785977	9	347466	6625940	TILL	64	2	5	6	00	03021	121	0041331	92	16	1	23	8	0.2	2900	3.10	1	2	2.5	0.05	28	7.8
1040	785979	9	353200	6629346	QZMZ	48	3	5	6	00	03031	021	0041341	62	14	5	18	6	0.2	270	2.45	1	2	3.1	0.05	20	6.9
1040	785980	9	355411	6632379	QZMZ	48	6	10	6	00	03012	220	0041131	24	4	1	6	2	0.1	130	0.80	1	2	1.9	0.05	20	7.1
1040	785982	9	359664	6638544	TILL	64	6	5	6	00	03031	220	0041131	44	12	1	15	5	0.2	790	1.45	1	2	3.4	0.32	68	7.7
1040	785983	9	362616	6639504	QZMZ	48	6	10	6	00	03031	121	0041131	48	26	2	23	8	0.1	465	1.90	1	2	2.6	0.24	50	7.8
1040	785984	9	359373	6650047	CHRT	30	6	10	6	00	03036	211	0041141	48	14	8	26	6	0.1	400	1.60	1	15	4.7	0.05	42	7.5
1040	785986	9	358554	6650404	CHRT	30	8	5	6	00	03031	121	0041141	62	20	8	19	7	0.1	880	1.75	5	120	6.4	0.20	290	7.6
1040	785987	9	360219	6652959	CHRT	30	7	10	6	00	03026	121	1141141	52	16	6	37	8	0.2	285	1.95	1	22	2.9	0.05	32	7.5
1040	785988	9	354559	6650785	QRZD	51	2	5	6	00	03021	121	0041141	46	14	2	14	5	0.1	445	1.90	2	4	7.8	0.92	250	7.8
1040	785989	9	351472	6646838	GNSS	30	2	10	6	00	03031	121	0041131	86	30	3	15	10	0.1	1700	2.60	1	2	2.0	0.05	44	7.4
1040	785990	9	347586	6651512	GNSS	30	5	5	6	00	03031	120	0041131	52	22	3	19	7	0.1	440	1.50	1	4	2.4	0.20	50	7.9
1040	785991	9	345501	6652942	GNSS	30	4	10	6	10	03021	121	0041131	48	22	2	19	7	0.1	380	1.60	1	4	2.4	0.05	42	7.6
1040	785992	9	345501	6652942	GNSS	30	4	10	6	20	03021	121	0041131	48	24	2	19	7	0.1	365	1.70	1	4	3.3	0.05	50	7.7
1040	785993	9	341657	6653270	GNSS	30	5	5	6	00	03031	120	0041131	62	36	1	15	6	0.1	650	1.80	1	2	2.5	0.70	24	7.4
1040	785994	9	338800	6653853	GNSS	30	4	5	6	00	03036	121	0041341	40	26	1	14	7	0.1	355	1.55	1	2	1.8	15.00	30	7.6
1040	785995	9	337919	6653467	GNSS	30	3	10	6	00	03031	121	0041341	78	20	1	20	8	0.2	2150	1.25	2	2	2.4	0.10	36	7.7
1040	785996	9	333014	6653597	GNSS	30	2	5	6	00	03021	021	0041341	74	32	2	18	7	0.1	440	1.95	2	2	2.9	0.18	44	7.7
1040	785997	9	333940	6648905	GNSS	30	8	10	6	00	03036	120	0041131	48	24	2	34	10	0.1	485	2.25	1	2	2.2	0.05	40	7.6
1040	785998	9	336685	6646836	GNSS	30	3	5	6	00	07011	012	0031341	42	26	1	17	6	0.1	360	3.15	1	2	2.4	0.05	60	7.7
1040	785999	9	333306	6646109	TILL	64	9	20	6	00	07011	021	0031131	52	20	1	22	8	0.2	360	1.55	1	2	1.6	0.26	64	7.9
1040	787122	9	337285	6643710	TILL	64	4	10	6	00	03011	120	0031131	50	20	1	19	9	0.1	460	1.55	1	2	2.4	0.22	80	7.9

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP	ST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	U	U-W	F-W	PH
1040	787123	9	341758	6648693	GNSS	30	5	5	6	00	03031	111	0041331	68	26	2	23	9	0.1	450	1.80	1	2	2.6	0.05	28	7.4
1040	787124	9	343137	6644836	GNSS	30	3	5	6	00	03021	120	0031331	38	22	2	14	7	0.1	320	1.45	1	2	2.6	0.20	62	7.9
1040	787125	9	345174	6645659	GNSS	30	3	5	6	00	07011	031	0031131	50	30	2	19	9	0.1	260	1.95	2	2	2.8	0.34	92	7.7
1040	787126	9	351886	6652942	QRZD	51	2	10	6	10	03021	211	0041141	48	16	2	16	6	0.1	735	1.60	2	4	10.4	0.52	270	7.8
1040	787127	9	351886	6652942	QRZD	51	2	10	6	20	03021	211	0041141	76	20	4	18	7	0.1	2200	2.10	2	6	4.8	0.62	270	7.7
1040	787128	9	356945	6652332	CHRT	30	5	5	6	00	03021	121	0041141	64	24	8	18	7	0.1	340	1.70	5	80	6.8	0.40	280	7.5
1040	787129	9	391888	6595886	QZMZ	52	2	5	6	00	07016	121	1031341	56	20	2	22	10	0.1	575	2.70	1	2	4.7	0.05	46	7.3
1040	787130	9	389759	6587755	QZMZ	52	5	5	6	00	03021	112	1141131	46	12	1	15	19	0.1	4750	7.80	3	2	17.0	0.05	20	7.1
1040	787131	9	385805	6584280	QZMZ	52	3	5	6	10	03031	022	1141131	28	6	1	13	4	0.1	110	1.20	1	2	4.2	0.05	26	7.1
1040	787132	9	385805	6584280	QZMZ	52	3	5	6	20	03031	022	1141131	28	8	1	14	5	0.1	120	1.25	1	2	4.2	0.05	20	7.1
1040	787133	9	381441	6587871	QZMZ	52	3	5	6	00	03031	210	0041341	44	12	2	12	6	0.1	420	1.45	1	2	15.9	0.05	36	6.7
1040	787135	9	379956	6588829	QZMZ	52	3	5	6	00	03031	211	0041341	64	16	2	31	13	0.1	580	2.55	1	2	8.0	0.05	10	7.2
1040	787136	9	380149	6591318	QZMZ	52	2	5	6	00	03031	120	0041331	78	24	2	32	12	0.2	525	3.25	1	2	34.3	0.05	26	6.9
1040	787137	9	376513	6591806	QZMZ	52	4	5	6	00	03031	120	0041131	34	10	1	16	6	0.1	200	1.40	1	2	5.7	0.05	10	6.9
1040	787138	9	375179	6590890	QZMZ	52	8	5	6	00	03031	021	0041131	44	12	1	13	6	0.1	395	1.45	1	2	5.7	0.05	20	6.8
1040	787139	9	370998	6591734	QZMZ	52	4	5	6	00	03031	120	0041141	56	20	1	44	13	0.1	430	2.65	1	2	3.4	0.05	20	6.9
1040	787140	9	369303	6591667	QZMZ	52	5	5	6	00	03031	130	0041131	56	14	2	16	7	0.1	405	1.95	1	2	9.5	0.05	10	6.7
1040	787142	9	371005	6596283	QZMZ	52	3	5	6	00	03031	210	0041131	60	32	1	14	10	0.1	480	2.85	1	2	5.9	0.05	10	6.5
1040	787143	9	369913	6597753	CHRT	30	6	5	6	10	03031	021	0041131	48	18	1	19	5	0.1	180	1.70	2	2	5.7	0.05	10	6.8
1040	787144	9	369913	6597753	CHRT	30	6	5	6	20	03031	021	0041131	48	16	2	19	5	0.1	185	1.70	2	2	5.7	0.05	10	6.5
1040	787145	9	371447	6606776	CHRT	30	4	5	6	00	03031	120	0041341	72	62	1	14	11	0.1	430	2.60	1	2	1.8	0.05	10	7.3
1040	787146	9	370226	6606602	CHRT	30	4	5	6	00	03031	220	0041341	62	24	12	16	9	0.1	630	2.45	1	2	4.3	0.05	10	7.8
1040	787147	9	368692	6608725	CHRT	30	3	5	6	00	03031	121	0041131	54	42	2	22	10	0.1	385	2.30	1	2	0.8	0.05	10	7.7
1040	787148	9	367999	6607406	CHRT	30	3	5	6	00	03031	310	0041131	52	38	11	22	11	0.1	600	2.45	1	2	4.5	0.40	10	7.8
1040	787149	9	364559	6608131	CHRT	30	5	5	6	00	03031	210	0041131	128	40	2	22	9	0.4	385	2.65	1	2	4.5	0.05	10	7.3
1040	787150	9	362791	6606850	CHRT	30	3	5	6	00	03036	012	0041131	60	24	7	21	5	0.6	145	1.45	5	2	21.4	0.05	10	7.4
1040	787151	9	365860	6607966	TILL	64	15	10	6	00	03031	022	0041121	62	32	2	18	9	0.1	485	2.40	1	2	4.0	0.05	20	7.4
1040	787152	9	363409	6611689	CHRT	30	5	5	6	00	03031	121	0041341	38	22	1	13	5	0.1	240	1.50	1	2	2.4	0.05	10	7.0
1040	787154	9	364426	6611881	CHRT	30	3	5	6	00	03031	220	0041341	50	38	1	13	7	0.1	305	1.95	1	2	1.8	0.05	20	7.1
1040	787155	9	365191	6613790	QZMZ	48	3	5	6	00	03031	031	0041341	64	16	2	10	7	0.1	640	1.90	1	2	13.4	0.05	10	6.8
1040	787156	9	366959	6614238	QZMZ	48	6	10	6	00	03031	021	0041131	26	8	1	8	3	0.1	200	1.40	1	2	3.5	0.05	24	7.0
1040	787157	9	370890	6613050	QZMZ	48	6	5	6	00	03021	031	0041141	56	24	1	12	6	0.1	245	1.80	1	2	7.6	0.05	20	7.0
1040	787158	9	371664	6609748	CHRT	30	3	5	6	00	03036	031	0041341	74	26	1	11	10	0.1	395	2.65	1	2	2.4	0.05	10	7.2
1040	787159	9	371934	6611479	CHRT	30	8	10	6	00	03021	031	0041131	68	72	1	12	11	0.1	470	2.60	1	2	3.2	0.05	10	7.5
1040	787160	9	372853	6607837	CHRT	30	3	5	6	00	03031	012	0041341	76	98	1	12	12	0.1	730	3.00	1	2	3.0	0.05	10	7.1
1040	787162	9	377805	6609423	CHRT	30	6	10	6	10	03031	210	0041131	78	26	2	20	9	0.1	320	2.00	1	2	4.3	0.05	26	7.3
1040	787164	9	377805	6609423	CHRT	30	6	10	6	20	03031	210	0041131	68	22	3	17	7	0.1	270	1.75	1	2	3.9	0.05	28	7.2
1040	787165	9	374314	6606383	CHRT	30	3	5	6	00	03031	121	0041341	76	68	2	15	11	0.1	680	2.90	1	2	2.2	0.05	20	7.3
1040	787166	9	381117	6602569	LMSN	30	6	5	6	00	03031	310	0041131	52	18	1	44	12	0.1	365	2.30	1	2	2.3	0.32	20	8.2
1040	787167	9	383540	6602193	LMSN	30	2	5	6	00	03031	013	0041341	72	46	3	20	1	0.6	255	1.50	1	2	2.0	0.44	10	8.2
1040	787168	9	389335	6598021	CHRT	30	4	5	6	00	03021	111	0031232	66	40	5	50	19	0.1	1950	2.80	1	2	9.6	0.14	76	7.5
1040	787169	9	391141	6597927	TILL	64	20	25	6	00	03011	111	0031232	52	12	1	27	10	0.1	450	2.00	1	2	2.7	0.05	50	7.6
1040	787170	9	390508	6598864	TILL	64	2	5	6	00	03011	211	0131232	66	14	1	74	23	0.1	970	3.55	1	2	2.8	0.05	54	7.5
1040	787171	9	385108	6597740	QZMZ	52	3	10	6	00	03021	120	1031232	42	14	1	40	12	0.1	240	1.90	1	2	3.5	0.05	32	7.3
1040	787172	9	383958	6598894	TILL	64	7	20	6	00	03021	130	6031232	38	18	1	19	7	0.1	180	1.55	1	2	8.8	0.12	36	7.3
1040	787173	9	385361	6600590	LMSN	30	13	15	6	00	03021	220	0031232	50	20	1	34	11	0.1	500	2.50	1	2	3.8	0.05	20	7.3

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
ZN	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
1 PPM				
2 PPM				
5 PPM				
10 PPM	I	6	.67	.67
20 PPM	XXXXXXXXXXXX	212	23.77	24.44
50 PPM	XXXXXXXXXXXXXXXXXXXXXXXXXXX	455	51.01	75.45
100 PPM	XXXXXXXXXX	177	19.84	95.29
200 PPM	XX	35	3.92	99.22
500 PPM	I	7	.78	100.00
1000 PPM				
2000 PPM				
5000 PPM				

0 20 40 60 80 100

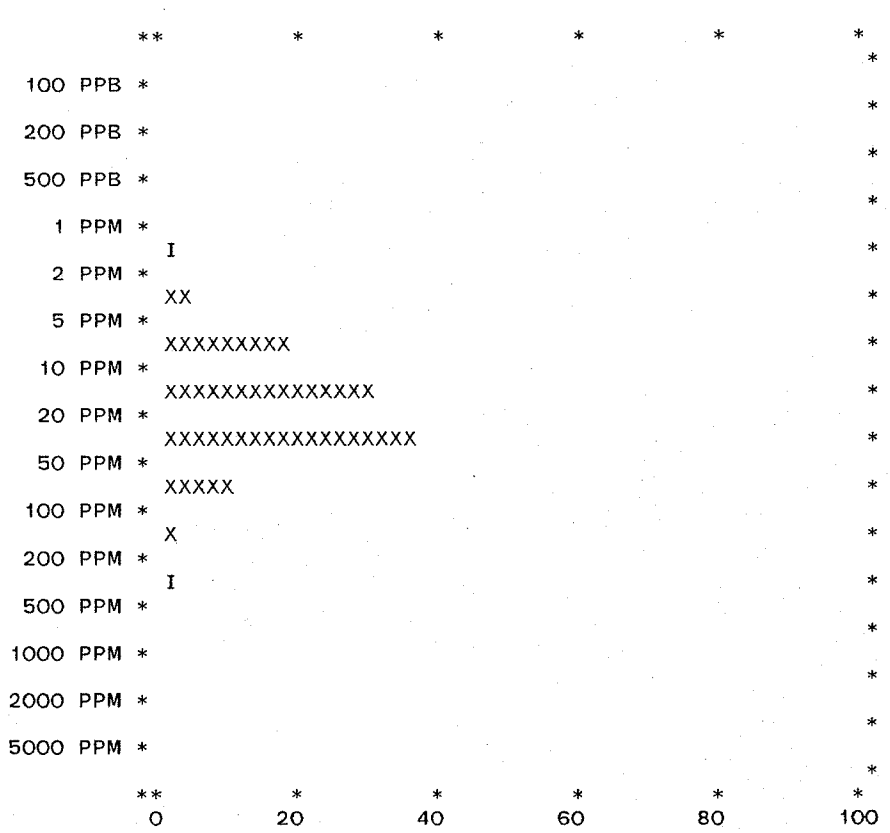
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	88.8408
VARIANCE	5714.4303
STANDARD DEVIATION	75.5939
SKEW	4.9013
EXCESS KURTOSIS	34.3477
COEFFICIENT OF VARIATION, %	85.0891
STANDARD ERROR OF THE MEAN	2.5311
LOWER 95% LIMIT ON THE MEAN	83.8735
UPPER 95% LIMIT ON THE MEAN	93.8081
LOWER 95% LIMIT ON THE RANGE	-59.5151
UPPER 95% LIMIT ON THE RANGE	237.1968
GEOMETRIC MEAN	73.8496
LOG10 MEAN	1.8683
LOG10 VARIANCE	.0589
LOG10 STANDARD DEVIATION	.2428
STANDARD ERROR ON THE MEAN	.0081
LOWER 95% LIMIT ON THE MEAN	71.1861
UPPER 95% LIMIT ON THE MEAN	76.6128
LOWER 95% LIMIT ON THE RANGE	24.6542
UPPER 95% LIMIT ON THE RANGE	221.2106
MINIMUM VALUE	14.0000
25TH PERCENTILE OR 1ST QUARTILE	52.0000
50TH PERCENTILE OR MEDIAN	70.0000
75TH PERCENTILE OR 3RD QUARTILE	100.0000
80TH PERCENTILE	108.0000
90TH PERCENTILE	144.0000
95TH PERCENTILE	200.0000
98TH PERCENTILE	300.0000
99TH PERCENTILE	405.0000
MAXIMUM VALUE	785.0000

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

HISTOGRAM



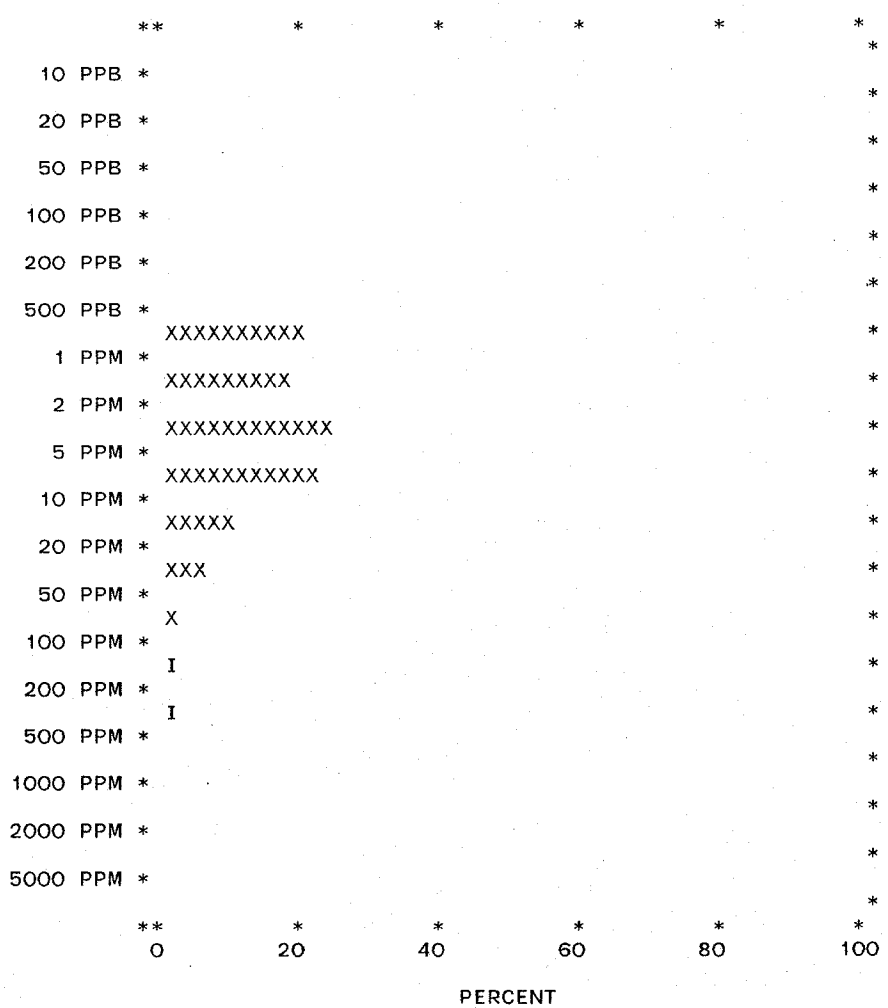
	N	%	CUM %
I	6	.67	.67
XX	33	3.70	4.37
XXXXXXXXX	157	17.60	21.97
XXXXXXXXXXXXXXX	275	30.83	52.80
XXXXXXXXXXXXXXXXX	321	35.99	88.79
XXXXX	82	9.19	97.98
X	15	1.68	99.66
I	3	.34	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	27.1267
VARIANCE	705.1545
STANDARD DEVIATION	26.5547
SKEW	3.9887
EXCESS KURTOSIS	26.1226
COEFFICIENT OF VARIATION, %	97.8916
STANDARD ERROR OF THE MEAN	.8891
LOWER 95% LIMIT ON THE MEAN	25.3818
UPPER 95% LIMIT ON THE MEAN	28.8716
LOWER 95% LIMIT ON THE RANGE	-24.9881
UPPER 95% LIMIT ON THE RANGE	79.2414
GEOMETRIC MEAN	19.7981
LOG10 MEAN	1.2966
LOG10 VARIANCE	.1172
LOG10 STANDARD DEVIATION	.3424
STANDARD ERROR ON THE MEAN	.0115
LOWER 95% LIMIT ON THE MEAN	18.7987
UPPER 95% LIMIT ON THE MEAN	20.8507
LOWER 95% LIMIT ON THE RANGE	4.2144
UPPER 95% LIMIT ON THE RANGE	93.0054
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	12.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	34.0000
80TH PERCENTILE	38.0000
90TH PERCENTILE	54.0000
95TH PERCENTILE	70.0000
98TH PERCENTILE	102.0000
99TH PERCENTILE	146.0000
MAXIMUM VALUE	295.0000

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

HISTOGRAM



	N	%	CUM %
10 PPB			
20 PPB			
50 PPB			
100 PPB			
200 PPB			
500 PPB			
1 PPM	182	20.40	20.40
2 PPM	155	17.38	37.78
5 PPM	208	23.32	61.10
10 PPM	189	21.19	82.29
20 PPM	91	10.20	92.49
50 PPM	51	5.72	98.21
100 PPM	9	1.01	99.22
200 PPM	5	.56	99.78
500 PPM	2	.22	100.00
1000 PPM			
2000 PPM			
5000 PPM			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	8.3587
VARIANCE	338.9419
STANDARD DEVIATION	18.4104
SKEW	8.3887
EXCESS KURTOSIS	92.9558
COEFFICIENT OF VARIATION, %	220.2529
STANDARD ERROR OF THE MEAN	.6164
LOWER 95% LIMIT ON THE MEAN	7.1490
UPPER 95% LIMIT ON THE MEAN	9.5685
LOWER 95% LIMIT ON THE RANGE	-27.7724
UPPER 95% LIMIT ON THE RANGE	44.4898
GEOMETRIC MEAN	4.0722
LOG10 MEAN	.6098
LOG10 VARIANCE	.2206
LOG10 STANDARD DEVIATION	.4697
STANDARD ERROR ON THE MEAN	.0157
LOWER 95% LIMIT ON THE MEAN	3.7929
UPPER 95% LIMIT ON THE MEAN	4.3721
LOWER 95% LIMIT ON THE RANGE	.4876
UPPER 95% LIMIT ON THE RANGE	34.0075
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	4.0000
75TH PERCENTILE OR 3RD QUARTILE	8.0000
80TH PERCENTILE	10.0000
90TH PERCENTILE	16.0000
95TH PERCENTILE	29.0000
98TH PERCENTILE	48.0000
99TH PERCENTILE	78.0000
MAXIMUM VALUE	280.0000

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

HISTOGRAM

		N	%	CUM %
10 PPB				
20 PPB				
50 PPB				
100 PPB				
200 PPB				
500 PPB	I	5	.56	.56
1 PPM	X	17	1.91	2.47
2 PPM	XXX	58	6.50	8.97
5 PPM	XXXXXX	104	11.66	20.63
10 PPM	XXXXXXXXXXXXXXXX	283	31.73	52.35
20 PPM	XXXXXXXXXXXXXXXXXX	325	36.43	88.79
50 PPM	XXXXX	82	9.19	97.98
100 PPM	X	13	1.46	99.44
200 PPM	I	3	.34	99.78
500 PPM	I	1	.11	99.89
1000 PPM	I	1	.11	100.00
2000 PPM				
5000 PPM				
1 PCT				
2 PCT				
5 PCT				

0 20 40 60 80 100
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	29.1816
VARIANCE	3047.8301
STANDARD DEVIATION	55.2072
SKEW	15.0789
EXCESS KURTOSIS	295.4050
COEFFICIENT OF VARIATION, %	189.1847
STANDARD ERROR OF THE MEAN	1.8485
LOWER 95% LIMIT ON THE MEAN	25.5539
UPPER 95% LIMIT ON THE MEAN	32.8093
LOWER 95% LIMIT ON THE RANGE	-79.1646
UPPER 95% LIMIT ON THE RANGE	137.5279
GEOMETRIC MEAN	19.1761
LOG10 MEAN	1.2828
LOG10 VARIANCE	.1482
LOG10 STANDARD DEVIATION	.3849
STANDARD ERROR ON THE MEAN	.0129
LOWER 95% LIMIT ON THE MEAN	18.0911
UPPER 95% LIMIT ON THE MEAN	20.3262
LOWER 95% LIMIT ON THE RANGE	3.3674
UPPER 95% LIMIT ON THE RANGE	109.2007
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	12.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	33.0000
80TH PERCENTILE	38.0000
90TH PERCENTILE	54.0000
95TH PERCENTILE	70.0000
98TH PERCENTILE	102.0000
99TH PERCENTILE	140.0000
MAXIMUM VALUE	1250.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CO	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
10 PPB	X	10	1.12	1.12
20 PPB	X	26	2.91	4.04
50 PPB	XXXXXXXXXX	178	19.96	23.99
100 PPB	XXXXXXXXXXXXXXXXXXXXX	390	43.72	67.71
200 PPB	XXXXXXXXXXXX	220	24.66	92.38
500 PPB	XXXX	64	7.17	99.55
1 PPM	I	4	.45	100.00
2 PPM				
5 PPM				
10 PPM				
20 PPM				
50 PPM				
100 PPM				
200 PPM				
500 PPM				

0 20 40 60 80 100

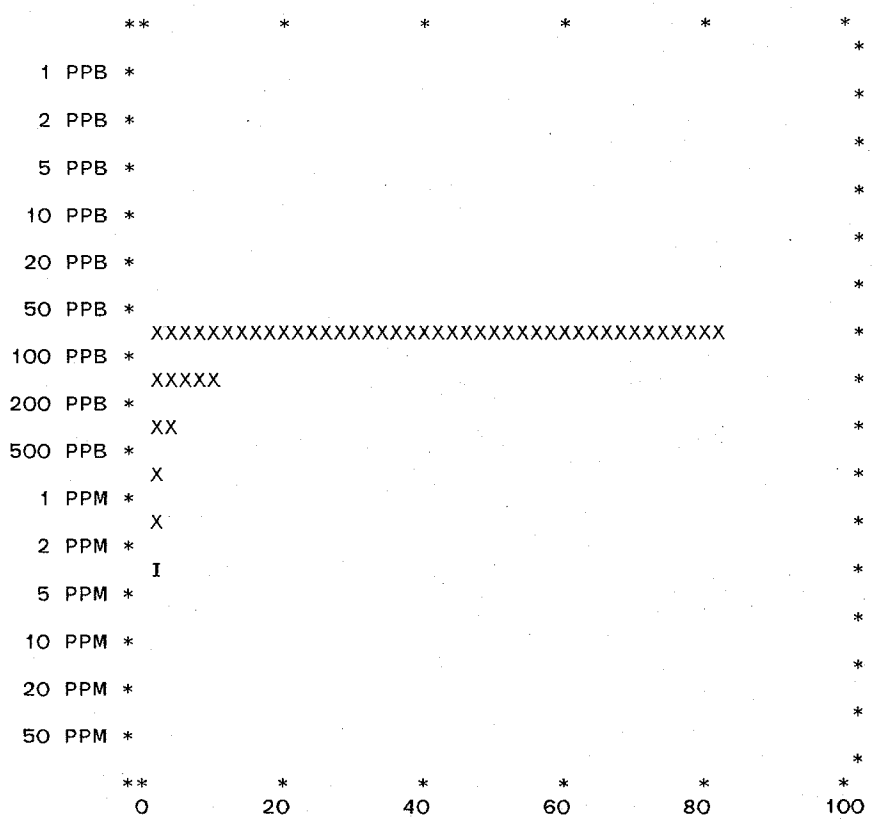
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	10.1065
VARIANCE	60.6744
STANDARD DEVIATION	7.7894
SKEW	2.8561
EXCESS KURTOSIS	13.0659
COEFFICIENT OF VARIATION, %	77.0729
STANDARD ERROR OF THE MEAN	.2608
LOWER 95% LIMIT ON THE MEAN	9.5947
UPPER 95% LIMIT ON THE MEAN	10.6183
LOWER 95% LIMIT ON THE RANGE	-5.1805
UPPER 95% LIMIT ON THE RANGE	25.3935
GEOMETRIC MEAN	8.0965
LOG10 MEAN	.9083
LOG10 VARIANCE	.0836
LOG10 STANDARD DEVIATION	.2891
STANDARD ERROR ON THE MEAN	.0097
LOWER 95% LIMIT ON THE MEAN	7.7500
UPPER 95% LIMIT ON THE MEAN	8.4586
LOWER 95% LIMIT ON THE RANGE	2.1922
UPPER 95% LIMIT ON THE RANGE	29.9039
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	6.0000
50TH PERCENTILE OR MEDIAN	8.0000
75TH PERCENTILE OR 3RD QUARTILE	12.0000
80TH PERCENTILE	14.0000
90TH PERCENTILE	18.0000
95TH PERCENTILE	26.0000
98TH PERCENTILE	34.0000
99TH PERCENTILE	39.0000
MAXIMUM VALUE	71.0000

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

HISTOGRAM



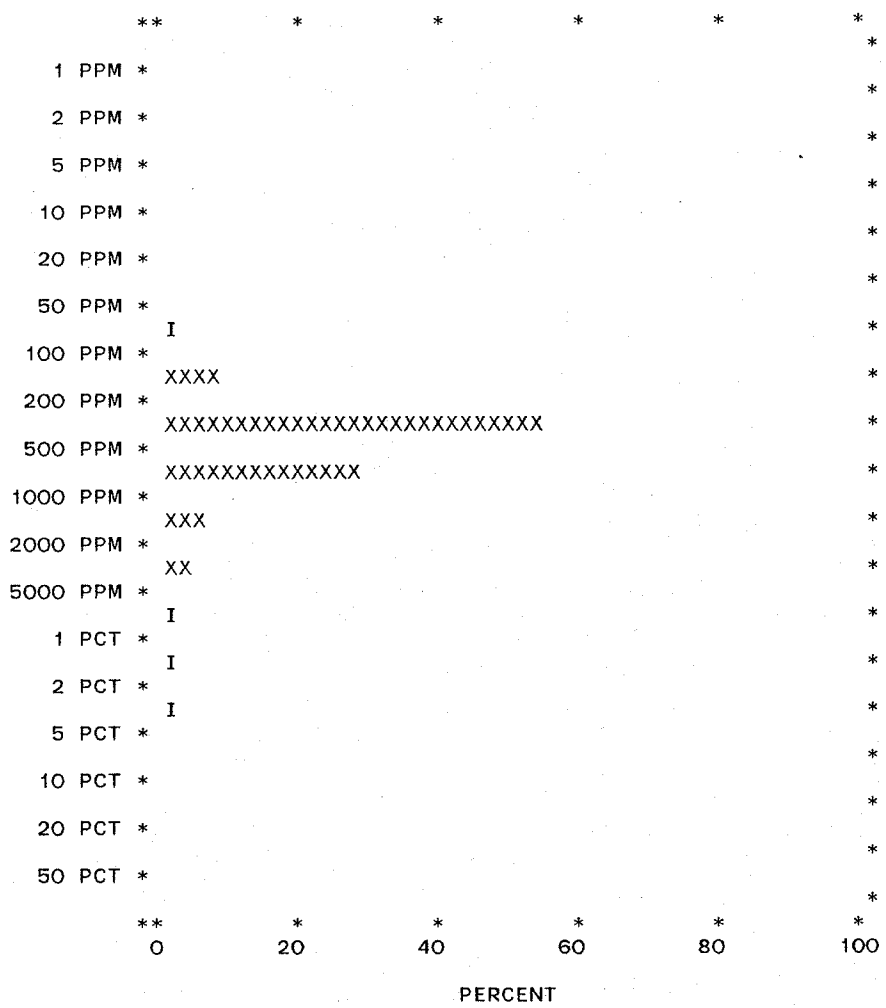
	N	%	CUM %
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	739	82.85	82.85
XXXXX	81	9.08	91.93
XX	34	3.81	95.74
X	26	2.91	98.65
X	10	1.12	99.78
I	2	.22	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	.1599
VARIANCE	.0507
STANDARD DEVIATION	.2252
SKEW	7.1196
EXCESS KURTOSIS	72.5163
COEFFICIENT OF VARIATION, %	140.8623
STANDARD ERROR OF THE MEAN	.0075
LOWER 95% LIMIT ON THE MEAN	.1451
UPPER 95% LIMIT ON THE MEAN	.1747
LOWER 95% LIMIT ON THE RANGE	-.2821
UPPER 95% LIMIT ON THE RANGE	.6018
GEOMETRIC MEAN	.1233
LOG10 MEAN	-.9090
LOG10 VARIANCE	.0549
LOG10 STANDARD DEVIATION	.2342
STANDARD ERROR ON THE MEAN	.0078
LOWER 95% LIMIT ON THE MEAN	.1190
UPPER 95% LIMIT ON THE MEAN	.1278
LOWER 95% LIMIT ON THE RANGE	.0428
UPPER 95% LIMIT ON THE RANGE	.3553
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1000
90TH PERCENTILE	.2000
95TH PERCENTILE	.5000
98TH PERCENTILE	.9000
99TH PERCENTILE	1.2000
MAXIMUM VALUE	3.5000

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

HISTOGRAM



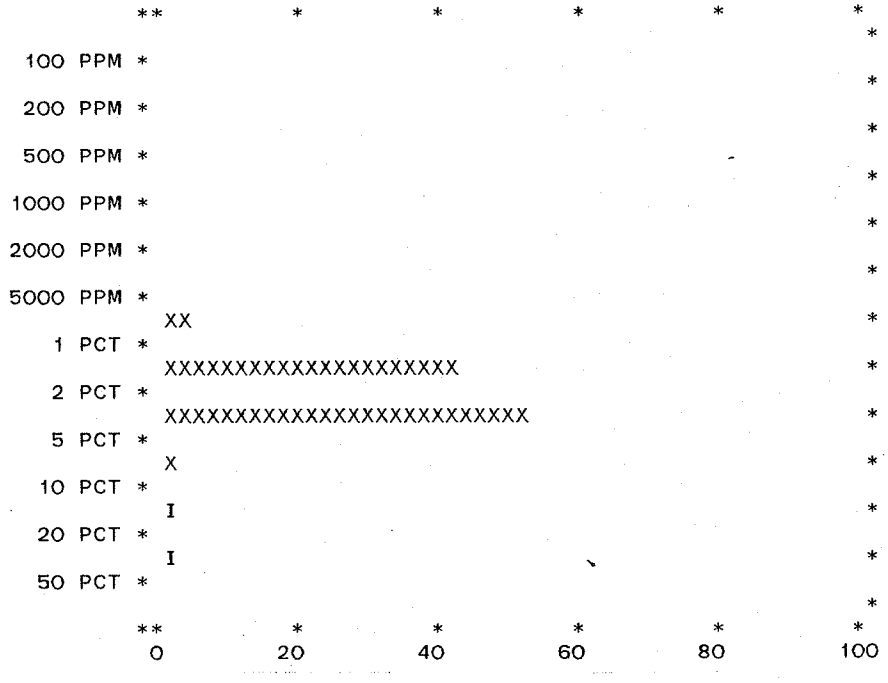
	N	%	CUM %
I	5	.56	.56
XXXX	75	8.41	8.97
XXXXXXXXXXXXXXXXXXXXXXXXXX	473	53.03	62.00
XXXXXXXXXXXXXX	244	27.35	89.35
XXX	61	6.84	96.19
XX	27	3.03	99.22
I	2	.22	99.44
I	3	.34	99.78
I	2	.22	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	701.3789
VARIANCE	**********
STANDARD DEVIATION	1513.0981
SKEW	11.2060
EXCESS KURTOSIS	151.7268
COEFFICIENT OF VARIATION, %	215.7319
STANDARD ERROR OF THE MEAN	50.6623
LOWER 95% LIMIT ON THE MEAN	601.9522
UPPER 95% LIMIT ON THE MEAN	800.8057
LOWER 95% LIMIT ON THE RANGE	-2268.1367
UPPER 95% LIMIT ON THE RANGE	3670.8945
GEOMETRIC MEAN	462.9818
LOG10 MEAN	2.6656
LOG10 VARIANCE	.1026
LOG10 STANDARD DEVIATION	.3203
STANDARD ERROR ON THE MEAN	.0107
LOWER 95% LIMIT ON THE MEAN	441.0775
UPPER 95% LIMIT ON THE MEAN	485.9738
LOWER 95% LIMIT ON THE RANGE	108.8698
UPPER 95% LIMIT ON THE RANGE	1968.8855
MINIMUM VALUE	70.0000
25TH PERCENTILE OR 1ST QUARTILE	290.0000
50TH PERCENTILE OR MEDIAN	425.0000
75TH PERCENTILE OR 3RD QUARTILE	655.0000
80TH PERCENTILE	745.0000
90TH PERCENTILE	1100.0000
95TH PERCENTILE	1750.0000
98TH PERCENTILE	3300.0000
99TH PERCENTILE	4750.0000
MAXIMUM VALUE	25500.0000

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

HISTOGRAM



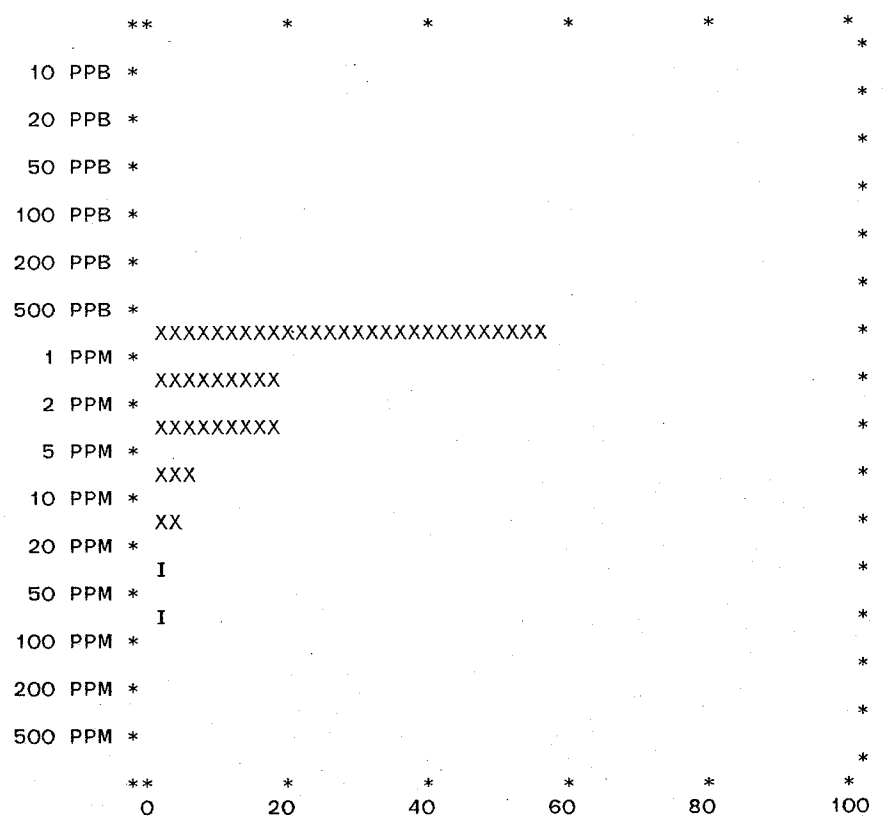
	N	%	CUM %
	31	3.48	3.48
	367	41.14	44.62
	465	52.13	96.75
	23	2.58	99.33
	5	.56	99.89
	1	.11	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	2.4662
VARIANCE	2.1902
STANDARD DEVIATION	1.4799
SKEW	5.2565
EXCESS KURTOSIS	54.2676
COEFFICIENT OF VARIATION, %	60.0088
STANDARD ERROR OF THE MEAN	.0496
LOWER 95% LIMIT ON THE MEAN	2.3690
UPPER 95% LIMIT ON THE MEAN	2.5634
LOWER 95% LIMIT ON THE RANGE	-.4382
UPPER 95% LIMIT ON THE RANGE	5.3706
GEOMETRIC MEAN	2.2068
LOG10 MEAN	.3438
LOG10 VARIANCE	.0381
LOG10 STANDARD DEVIATION	.1951
STANDARD ERROR ON THE MEAN	.0065
LOWER 95% LIMIT ON THE MEAN	2.1426
UPPER 95% LIMIT ON THE MEAN	2.2729
LOWER 95% LIMIT ON THE RANGE	.9138
UPPER 95% LIMIT ON THE RANGE	5.3293
MINIMUM VALUE	.6000
25TH PERCENTILE OR 1ST QUARTILE	1.6500
50TH PERCENTILE OR MEDIAN	2.2000
75TH PERCENTILE OR 3RD QUARTILE	2.9000
80TH PERCENTILE	3.2000
90TH PERCENTILE	3.7500
95TH PERCENTILE	4.5000
98TH PERCENTILE	5.8500
99TH PERCENTILE	8.5000
MAXIMUM VALUE	23.5000

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

HISTOGRAM



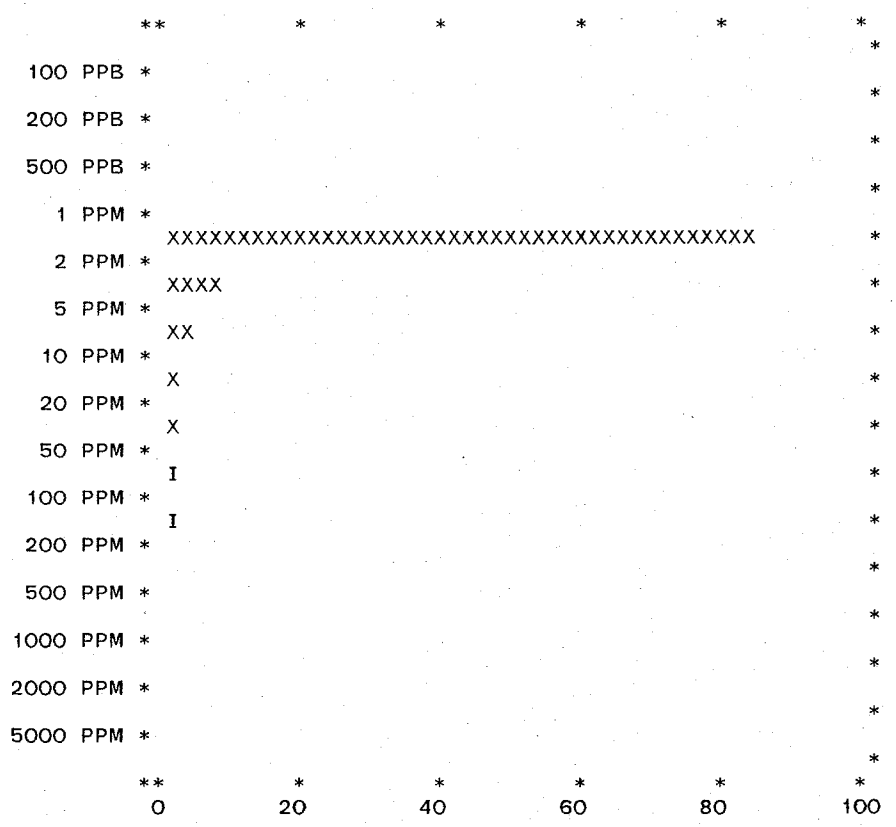
	N	%	CUM %
500 PPB	498	55.83	55.83
1 PPM	154	17.26	73.09
2 PPM	159	17.83	90.92
5 PPM	51	5.72	96.64
10 PPM	27	3.03	99.66
20 PPM	1	.11	99.78
50 PPM	2	.22	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	2.5348
VARIANCE	13.4320
STANDARD DEVIATION	3.6650
SKEW	7.5036
EXCESS KURTOSIS	89.2212
COEFFICIENT OF VARIATION, %	144.5889
STANDARD ERROR OF THE MEAN	.1227
LOWER 95% LIMIT ON THE MEAN	2.2939
UPPER 95% LIMIT ON THE MEAN	2.7756
LOWER 95% LIMIT ON THE RANGE	-4.6579
UPPER 95% LIMIT ON THE RANGE	9.7274
GEOMETRIC MEAN	1.7346
LOG10 MEAN	.2392
LOG10 VARIANCE	.1046
LOG10 STANDARD DEVIATION	.3234
STANDARD ERROR ON THE MEAN	.0108
LOWER 95% LIMIT ON THE MEAN	1.6517
UPPER 95% LIMIT ON THE MEAN	1.8216
LOWER 95% LIMIT ON THE RANGE	.4022
UPPER 95% LIMIT ON THE RANGE	7.4813
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	1.0000
75TH PERCENTILE OR 3RD QUARTILE	3.0000
80TH PERCENTILE	3.0000
90TH PERCENTILE	5.0000
95TH PERCENTILE	9.0000
98TH PERCENTILE	12.0000
99TH PERCENTILE	16.0000
MAXIMUM VALUE	55.0000

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

HISTOGRAM



	N	%	CUM %
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	741	83.07	83.07
XXXX	74	8.30	91.37
XX	43	4.82	96.19
X	22	2.47	98.65
X	10	1.12	99.78
I	1	.11	99.89
I	1	.11	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	3.2152
VARIANCE	33.5743
STANDARD DEVIATION	5.7943
SKEW	12.8116
EXCESS KURTOSIS	220.9054
COEFFICIENT OF VARIATION, %	180.2142
STANDARD ERROR OF THE MEAN	.1940
LOWER 95% LIMIT ON THE MEAN	2.8345
UPPER 95% LIMIT ON THE MEAN	3.5960
LOWER 95% LIMIT ON THE RANGE	-8.1564
UPPER 95% LIMIT ON THE RANGE	14.5869
GEOMETRIC MEAN	2.4521
LOG10 MEAN	.3895
LOG10 VARIANCE	.0529
LOG10 STANDARD DEVIATION	.2299
STANDARD ERROR ON THE MEAN	.0077
LOWER 95% LIMIT ON THE MEAN	2.3683
UPPER 95% LIMIT ON THE MEAN	2.5389
LOWER 95% LIMIT ON THE RANGE	.8675
UPPER 95% LIMIT ON THE RANGE	6.9310
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	4.0000
95TH PERCENTILE	8.0000
98TH PERCENTILE	16.0000
99TH PERCENTILE	25.0000
MAXIMUM VALUE	120.0000

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

HISTOGRAM

		N	%	CUM %
10 PPB				
20 PPB				
50 PPB				
100 PPB				
200 PPB	I	1	.11	.11
500 PPB	I	5	.56	.67
1 PPM	XXXX	73	8.18	8.86
2 PPM	XXXXXXXXXXXXXXXXXXXX	356	39.91	48.77
5 PPM	XXXXXXXXXX	203	22.76	71.52
10 PPM	XXXXXXX	126	14.13	85.65
20 PPM	XXXXXX	106	11.88	97.53
50 PPM	X	17	1.91	99.44
100 PPM	I	5	.56	100.00
200 PPM				
500 PPM				
1000 PPM				
2000 PPM				
5000 PPM				

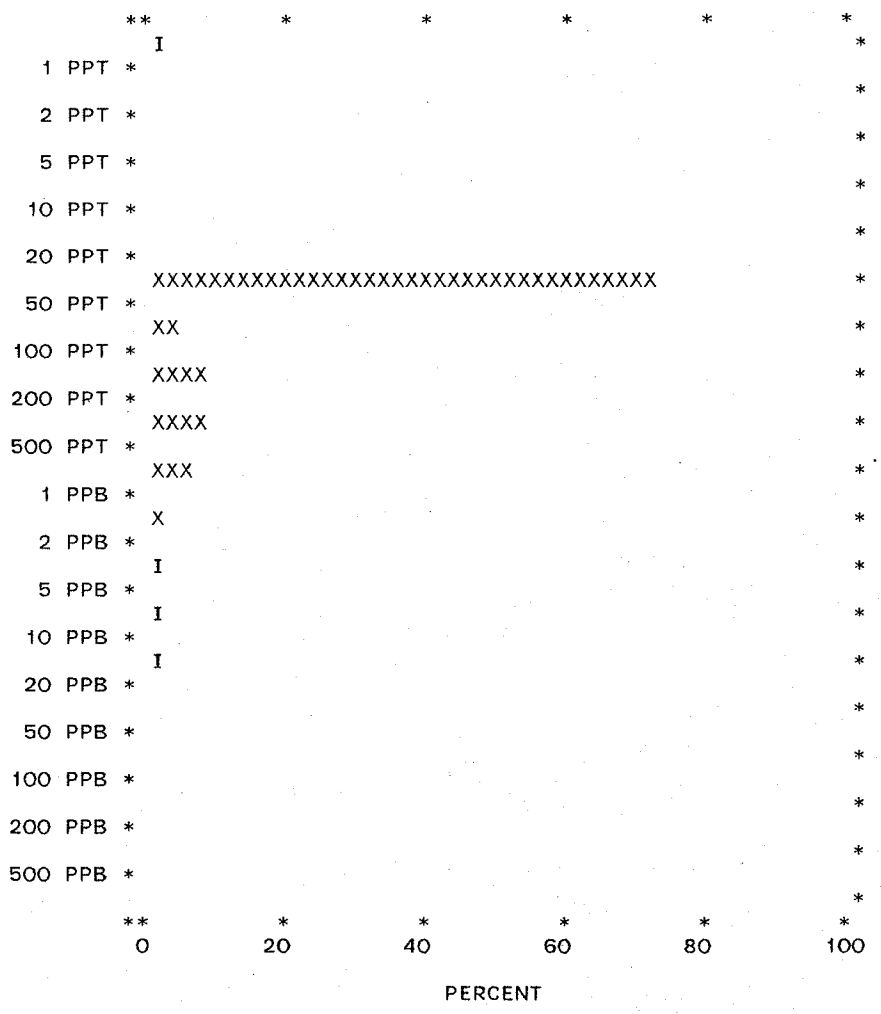
0 20 40 60 80 100
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	892
ARITHMETIC MEAN	10.7474
VARIANCE	238.2531
STANDARD DEVIATION	15.4355
SKEW	4.2627
EXCESS KURTOSIS	27.2108
COEFFICIENT OF VARIATION, %	143.6200
STANDARD ERROR OF THE MEAN	.5168
LOWER 95% LIMIT ON THE MEAN	9.7331
UPPER 95% LIMIT ON THE MEAN	11.7617
LOWER 95% LIMIT ON THE RANGE	-19.5453
UPPER 95% LIMIT ON THE RANGE	41.0401
GEOMETRIC MEAN	6.1746
LOG10 MEAN	.7906
LOG10 VARIANCE	.1811
LOG10 STANDARD DEVIATION	.4256
STANDARD ERROR ON THE MEAN	.0142
LOWER 95% LIMIT ON THE MEAN	5.7895
UPPER 95% LIMIT ON THE MEAN	6.5852
LOWER 95% LIMIT ON THE RANGE	.9025
UPPER 95% LIMIT ON THE RANGE	42.2465
MINIMUM VALUE	.3000
25TH PERCENTILE OR 1ST QUARTILE	2.8000
50TH PERCENTILE OR MEDIAN	5.3000
75TH PERCENTILE OR 3RD QUARTILE	11.8000
80TH PERCENTILE	15.2000
90TH PERCENTILE	26.0000
95TH PERCENTILE	38.7000
98TH PERCENTILE	53.2000
99TH PERCENTILE	78.9000
MAXIMUM VALUE	177.0000

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

HISTOGRAM



	N	%	CUM %
I	6	.67	.67
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	637	71.41	72.09
XX	38	4.26	76.35
XXXX	68	7.62	83.97
XXXX	69	7.74	91.70
XXX	52	5.83	97.53
X	12	1.35	98.88
I	6	.67	99.55
I	3	.34	99.89
I	1	.11	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	6
NUMBER OF NON-ZERO SAMPLES	886
ARITHMETIC MEAN	.1996
VARIANCE	.5281
STANDARD DEVIATION	.7267
SKEW	13.5734
EXCESS KURTOSIS	232.1200
COEFFICIENT OF VARIATION, %	364.0103
STANDARD ERROR OF THE MEAN	.0244
LOWER 95% LIMIT ON THE MEAN	.1517
UPPER 95% LIMIT ON THE MEAN	.2476
LOWER 95% LIMIT ON THE RANGE	-1.2266
UPPER 95% LIMIT ON THE RANGE	1.6259
GEOMETRIC MEAN	.0835
LOG10 MEAN	-1.0781
LOG10 VARIANCE	.1750
LOG10 STANDARD DEVIATION	.4184
STANDARD ERROR ON THE MEAN	.0141
LOWER 95% LIMIT ON THE MEAN	.0784
UPPER 95% LIMIT ON THE MEAN	.0890
LOWER 95% LIMIT ON THE RANGE	.0126
UPPER 95% LIMIT ON THE RANGE	.5533
MINIMUM VALUE	.0500
25TH PERCENTILE OR 1ST QUARTILE	.0500
50TH PERCENTILE OR MEDIAN	.0500
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1600
90TH PERCENTILE	.4000
95TH PERCENTILE	.7600
98TH PERCENTILE	1.2000
99TH PERCENTILE	2.2000
MAXIMUM VALUE	15.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
F-W	PPB	TOTAL

HISTOGRAM

		N	%	CUM %
	I	2	.22	.22
100 PPT				
200 PPT				
500 PPT				
1 PPB				
2 PPB				
5 PPB	XXX	54	6.05	6.28
10 PPB	XXXXXXX	120	13.45	19.73
20 PPB	XXXXXXXXXXXXXXXXXXXXX	398	44.62	64.35
50 PPB	XXXXXXXXXXX	193	21.64	85.99
100 PPB	XXXX	66	7.40	93.39
200 PPB	XX	44	4.93	98.32
500 PPB	X	14	1.57	99.89
1 PPM	I	1	.11	100.00
2 PPM				
5 PPM				
10 PPM				
20 PPM				
50 PPM				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	892
NUMBER OF ZERO VALUE SAMPLES	2
NUMBER OF NON-ZERO SAMPLES	890
ARITHMETIC MEAN	72.3056
VARIANCE	12840.6984
STANDARD DEVIATION	113.3168
SKEW	4.9894
EXCESS KURTOSIS	34.7418
COEFFICIENT OF VARIATION, %	156.7192
STANDARD ERROR OF THE MEAN	3.7984
LOWER 95% LIMIT ON THE MEAN	64.8511
UPPER 95% LIMIT ON THE MEAN	79.7601
LOWER 95% LIMIT ON THE RANGE	-150.0843
UPPER 95% LIMIT ON THE RANGE	294.6955
GEOMETRIC MEAN	44.2380
LOG10 MEAN	1.6458
LOG10 VARIANCE	.1417
LOG10 STANDARD DEVIATION	.3764
STANDARD ERROR ON THE MEAN	.0126
LOWER 95% LIMIT ON THE MEAN	41.7860
UPPER 95% LIMIT ON THE MEAN	46.8338
LOWER 95% LIMIT ON THE RANGE	8.0724
UPPER 95% LIMIT ON THE RANGE	242.4317
MINIMUM VALUE	10.0000
25TH PERCENTILE OR 1ST QUARTILE	24.0000
50TH PERCENTILE OR MEDIAN	40.0000
75TH PERCENTILE OR 3RD QUARTILE	64.0000
80TH PERCENTILE	80.0000
90TH PERCENTILE	150.0000
95TH PERCENTILE	260.0000
98TH PERCENTILE	490.0000
99TH PERCENTILE	620.0000
MAXIMUM VALUE	1400.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN		GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN	
TOTAL	ZN	PPM	892	88.8	75.6	85.1	4.90	34.35	83.9	93.8	73.8	1.8683	.2428	71.2	76.6
TOTAL	CU	PPM	892	27.1	26.6	97.9	3.99	26.12	25.4	28.9	19.8	1.2966	.3424	18.8	20.9
TOTAL	PB	PPM	892	8.36	18.4	220.3	8.39	92.96	7.15	9.57	4.07	.6098	.4697	3.79	4.37
TOTAL	NI	PPM	892	29.2	55.2	189.2	15.08	295.40	25.6	32.8	19.2	1.2828	.3849	18.1	20.3
TOTAL	CO	PPM	892	10.1	7.79	77.1	2.86	13.07	9.59	10.6	8.10	.9083	.2891	7.75	8.46
TOTAL	AG	PPM	892	.160	.225	140.9	7.12	72.52	.145	.175	.123	-.9090	.2342	.119	.128
TOTAL	MN	PPM	892	701.	.151E+04	215.7	11.21	151.73	602.	801.	463.	2.6656	.3203	441.	486.
TOTAL	FE	PCT	892	2.47	1.48	60.0	5.26	54.27	2.37	2.56	2.21	.3438	.1951	2.14	2.27
TOTAL	MO	PPM	892	2.53	3.66	144.6	7.50	89.22	2.29	2.78	1.73	.2392	.3234	1.65	1.82
TOTAL	W	PPM	892	3.22	5.79	180.2	12.81	220.91	2.83	3.60	2.45	.3895	.2299	2.37	2.54
TOTAL	U	PPM	892	10.7	15.4	143.6	4.26	27.21	9.73	11.8	6.17	.7906	.4256	5.79	6.59
TOTAL	U-W	PPB	886	.200	.727	364.0	13.57	232.12	.152	.248	.835E-01	-1.0781	.4184	.784E-01	.890E-01
TOTAL	F-W	PPB	890	72.3	113.	156.7	4.99	34.74	64.9	79.8	44.2	1.6458	.3764	41.8	46.8

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TOTAL	ZN	PPM	892	14.000	52.000	70.000	100.000	108.000	144.000	200.000	300.000	405.000	785.000
TOTAL	CU	PPM	892	2.000	12.000	20.000	34.000	38.000	54.000	70.000	102.000	146.000	295.000
TOTAL	PB	PPM	892	1.000	2.000	4.000	8.000	10.000	16.000	29.000	48.000	78.000	280.000
TOTAL	NI	PPM	892	1.000	12.000	20.000	33.000	38.000	54.000	70.000	102.000	140.000	1250.000
TOTAL	CO	PPM	892	1.000	6.000	8.000	12.000	14.000	18.000	26.000	34.000	39.000	71.000
TOTAL	AG	PPM	892	.100	.100	.100	.100	.100	.200	.500	.900	1.200	3.500
TOTAL	MN	PPM	892	70.000	290.000	425.000	655.000	745.000	1100.000	1750.000	3300.000	4750.000	25500.000
TOTAL	FE	PCT	892	.600	1.650	2.200	2.900	3.200	3.750	4.500	5.850	8.500	23.500
TOTAL	MO	PPM	892	1.000	1.000	1.000	3.000	3.000	5.000	9.000	12.000	16.000	55.000
TOTAL	W	PPM	892	2.000	2.000	2.000	2.000	2.000	4.000	8.000	16.000	25.000	120.000
TOTAL	U	PPM	892	.300	2.800	5.300	11.800	15.200	26.000	38.700	53.200	78.900	177.000
TOTAL	U-W	PPB	886	.050	.050	.050	.100	.160	.400	.760	1.200	2.200	15.000
TOTAL	F-W	PPB	890	10.000	24.000	40.000	64.000	80.000	150.000	260.000	490.000	620.000	1400.000

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	
TILL	ZN	PPM	75	78.1	33.8	43.3	.99	1.28	70.3	85.9	71.3	1.8528	.1904	64.4	78.8
LMSN	ZN	PPM	26	129.	161.	124.4	3.14	9.50	64.4	194.	91.4	1.9611	.3114	68.5	122.
GNSS	ZN	PPM	46	66.2	36.7	55.5	2.75	10.35	55.3	77.1	59.7	1.7758	.1880	52.5	67.9
CHRT	ZN	PPM	161	102.	93.7	91.8	4.91	30.77	87.5	117.	83.8	1.9231	.2476	76.7	91.5
TUFF	ZN	PPM	48	102.	42.3	41.5	1.44	2.89	89.6	114.	94.6	1.9759	.1668	84.6	106.
GRNS	ZN	PPM	53	82.0	35.9	43.7	1.84	5.48	72.1	91.8	75.7	1.8791	.1720	67.9	84.4
QZMZ	ZN	PPM	340	74.6	50.5	67.7	2.85	11.74	69.2	80.0	63.6	1.8035	.2357	60.0	67.4
PLLT	ZN	PPM	47	116.	96.8	83.5	2.56	6.75	87.5	144.	94.0	1.9730	.2595	78.8	112.
QRZD	ZN	PPM	33	76.5	46.9	61.4	2.93	9.38	59.8	93.1	68.5	1.8358	.1862	58.9	79.8
GRNT	ZN	PPM	45	107.	83.4	78.0	2.90	10.54	82.0	132.	88.5	1.9467	.2535	74.2	105.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	ZN	PPM	75	18.000	52.000	74.000	100.000	106.000	114.000	146.000	172.000	194.000	194.000
LMSN	ZN	PPM	26	34.000	62.000	74.000	108.000	176.000	225.000	785.000	785.000	785.000	785.000
GNSS	ZN	PPM	46	26.000	44.000	54.000	78.000	88.000	102.000	130.000	245.000	245.000	245.000
CHRT	ZN	PPM	161	22.000	60.000	78.000	112.000	120.000	188.000	250.000	325.000	770.000	775.000
TUFF	ZN	PPM	48	46.000	70.000	98.000	120.000	132.000	146.000	240.000	245.000	245.000	245.000
GRNS	ZN	PPM	53	32.000	62.000	74.000	96.000	104.000	126.000	146.000	240.000	240.000	240.000
QZMZ	ZN	PPM	340	14.000	46.000	62.000	90.000	98.000	122.000	174.000	230.000	310.000	405.000
PLLT	ZN	PPM	47	36.000	68.000	84.000	112.000	152.000	245.000	395.000	525.000	525.000	525.000
QRZD	ZN	PPM	33	38.000	54.000	60.000	86.000	98.000	120.000	184.000	280.000	280.000	280.000
GRNT	ZN	PPM	45	36.000	62.000	84.000	128.000	138.000	178.000	270.000	510.000	510.000	510.000

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	
TILL	CU	PPM	75	21.5	13.9	64.7	1.42	1.83	18.3	24.7	17.9	1.2522	.2672	15.5	20.6
LMSN	CU	PPM	26	40.3	55.2	137.1	4.00	15.90	18.0	62.5	27.9	1.4461	.3305	20.6	38.0
GNSS	CU	PPM	46	28.3	16.6	58.7	2.69	8.59	23.4	33.3	25.3	1.4027	.1989	22.1	29.0
CHRT	CU	PPM	161	40.1	31.2	77.7	2.44	8.13	35.3	45.0	31.7	1.5014	.2979	28.5	35.3
TUFF	CU	PPM	48	23.6	10.6	45.1	.82	.22	20.5	26.7	21.3	1.3287	.2023	18.6	24.4
GRNS	CU	PPM	53	39.2	35.3	90.0	2.86	11.23	29.5	49.0	29.5	1.4703	.3239	24.0	36.3
QZMZ	CU	PPM	340	16.9	14.0	82.7	2.56	9.26	15.4	18.4	13.0	1.1125	.3191	12.0	14.0
PLLT	CU	PPM	47	50.8	43.6	85.8	2.73	9.84	38.0	63.6	38.5	1.5853	.3314	30.8	48.1
QRZD	CU	PPM	33	36.0	26.6	73.9	2.36	7.55	26.6	45.4	29.1	1.4636	.2895	23.0	36.8
GRNT	CU	PPM	45	19.0	14.7	77.2	2.30	5.83	14.6	23.4	15.5	1.1909	.2617	13.0	18.6

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	CU	PPM	75	4.000	12.000	18.000	28.000	30.000	42.000	52.000	64.000	70.000	70.000
LMSN	CU	PPM	26	6.000	20.000	28.000	38.000	46.000	64.000	295.000	295.000	295.000	295.000
GNSS	CU	PPM	46	10.000	20.000	24.000	30.000	32.000	44.000	70.000	104.000	104.000	104.000
CHRT	CU	PPM	161	4.000	18.000	34.000	48.000	56.000	76.000	98.000	162.000	196.000	196.000
TUFF	CU	PPM	48	6.000	18.000	22.000	28.000	32.000	42.000	44.000	54.000	54.000	54.000
GRNS	CU	PPM	53	8.000	18.000	28.000	50.000	56.000	82.000	106.000	220.000	220.000	220.000
QZMZ	CU	PPM	340	2.000	8.000	14.000	22.000	24.000	32.000	40.000	64.000	80.000	102.000
PLLT	CU	PPM	47	8.000	28.000	44.000	64.000	68.000	98.000	148.000	260.000	260.000	260.000
QRZD	CU	PPM	33	6.000	18.000	30.000	48.000	50.000	68.000	74.000	148.000	148.000	148.000
GRNT	CU	PPM	45	6.000	10.000	14.000	22.000	26.000	34.000	56.000	80.000	80.000	80.000

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	
TILL	PB	PPM	75	2.40	1.94	80.8	2.41	7.44	1.95	2.85	1.91	.2816	.2787	1.65	2.22
LMSN	PB	PPM	26	8.15	10.8	132.1	2.36	5.13	3.81	12.5	4.62	.6649	.4473	3.05	7.00
GNSS	PB	PPM	46	3.98	8.19	206.0	3.90	14.40	1.55	6.41	1.96	.2928	.4114	1.48	2.60
CHRT	PB	PPM	161	7.85	19.9	254.1	8.72	87.43	4.75	11.0	4.05	.6077	.4281	3.48	4.72
TUFF	PB	PPM	48	4.21	9.56	227.2	5.82	34.93	1.43	6.98	2.22	.3462	.3950	1.70	2.89
GRNS	PB	PPM	53	6.70	6.41	95.8	1.63	2.68	4.93	8.47	4.29	.6323	.4313	3.26	5.64
QZMZ	PB	PPM	340	10.7	23.4	218.2	7.12	64.57	8.22	13.2	4.81	.6825	.5063	4.25	5.45
PLLT	PB	PPM	47	8.09	6.42	79.4	1.71	4.09	6.20	9.97	5.87	.7685	.3797	4.54	7.58
QRZD	PB	PPM	33	5.00	6.99	139.7	4.70	22.39	2.52	7.48	3.58	.5537	.3070	2.79	4.60
GRNT	PB	PPM	45	9.98	9.25	92.7	1.79	2.91	7.20	12.8	7.07	.8492	.3616	5.50	9.07

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	PB	PPM	75	1.000	1.000	2.000	3.000	3.000	4.000	6.000	8.000	12.000	12.000
LMSN	PB	PPM	26	1.000	2.000	4.000	8.000	12.000	26.000	47.000	47.000	47.000	47.000
GNSS	PB	PPM	46	1.000	1.000	1.000	3.000	4.000	6.000	38.000	42.000	42.000	42.000
CHRT	PB	PPM	161	1.000	2.000	4.000	8.000	8.000	11.000	16.000	78.000	79.000	225.000
TUFF	PB	PPM	48	1.000	1.000	2.000	4.000	4.000	8.000	15.000	66.000	66.000	66.000
GRNS	PB	PPM	53	1.000	2.000	4.000	10.000	11.000	18.000	18.000	29.000	29.000	29.000
QZMZ	PB	PPM	340	1.000	2.000	5.000	10.000	13.000	22.000	36.000	60.000	154.000	280.000
PLLT	PB	PPM	47	1.000	4.000	6.000	11.000	12.000	16.000	22.000	34.000	34.000	34.000
QRZD	PB	PPM	33	1.000	2.000	3.000	5.000	6.000	8.000	11.000	42.000	42.000	42.000
GRNT	PB	PPM	45	1.000	4.000	6.000	13.000	18.000	25.000	30.000	44.000	44.000	44.000

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	
TILL	NI	PPM	75	31.3	20.8	66.5	1.49	2.52	26.5	36.1	25.4	1.4055	.2924	21.8	29.7
LMSN	NI	PPM	26	34.4	17.9	52.1	.91	1.36	27.2	41.6	29.6	1.4719	.2619	23.2	37.8
GNSS	NI	PPM	46	25.4	16.3	64.2	3.14	12.67	20.6	30.3	22.3	1.3492	.2080	19.4	25.8
CHRT	NI	PPM	161	39.3	106.	269.3	9.96	107.08	22.8	55.8	25.1	1.3996	.2962	22.6	27.9
TUFF	NI	PPM	48	49.5	31.8	64.2	1.07	1.01	40.2	58.7	39.3	1.5946	.3234	31.7	48.8
GRNS	NI	PPM	53	53.0	101.	190.4	5.13	28.12	25.2	80.8	29.7	1.4727	.4157	22.8	38.7
QZMZ	NI	PPM	340	18.3	17.6	96.1	2.89	12.30	16.5	20.2	12.8	1.1078	.3799	11.7	14.1
PLLT	NI	PPM	47	41.9	25.6	61.1	1.45	2.44	34.4	49.4	35.1	1.5451	.2751	29.1	42.2
QRZD	NI	PPM	33	21.2	14.7	69.4	2.21	5.05	15.9	26.4	17.9	1.2522	.2456	14.6	21.8
GRNT	NI	PPM	45	15.0	15.2	101.3	2.08	4.59	10.4	19.5	9.40	.9733	.4499	6.89	12.8

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	NI	PPM	75	2.000	17.000	25.000	46.000	48.000	58.000	74.000	102.000	108.000	108.000
LMSN	NI	PPM	26	6.000	23.000	33.000	44.000	48.000	58.000	88.000	88.000	88.000	88.000
GNSS	NI	PPM	46	8.000	16.000	20.000	30.000	32.000	36.000	58.000	108.000	108.000	108.000
CHRT	NI	PPM	161	5.000	17.000	22.000	34.000	38.000	48.000	74.000	265.000	500.000	1250.000
TUFF	NI	PPM	48	6.000	27.000	46.000	62.000	64.000	98.000	122.000	148.000	148.000	148.000
GRNS	NI	PPM	53	2.000	19.000	29.000	50.000	56.000	76.000	162.000	685.000	685.000	685.000
QZMZ	NI	PPM	340	1.000	8.000	14.000	22.000	26.000	38.000	51.000	78.000	95.000	140.000
PLLT	NI	PPM	47	4.000	25.000	34.000	51.000	56.000	78.000	98.000	134.000	134.000	134.000
QRZD	NI	PPM	33	5.000	14.000	16.000	24.000	25.000	42.000	59.000	76.000	76.000	76.000
GRNT	NI	PPM	45	1.000	4.000	12.000	20.000	22.000	26.000	59.000	72.000	72.000	72.000

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	
TILL	CO	PPM	75	10.9	6.10	56.1	1.37	2.58	9.48	12.3	9.34	.9703	.2531	8.17	10.7
LMSN	CO	PPM	26	12.7	10.2	80.3	3.26	12.04	8.58	16.8	10.2	1.0100	.3042	7.72	13.6
GNSS	CO	PPM	46	9.07	7.04	77.7	4.50	23.24	6.98	11.2	7.87	.8960	.2086	6.83	9.08
CHRT	CO	PPM	161	11.0	8.29	75.1	3.54	18.44	9.74	12.3	9.25	.9663	.2448	8.48	10.1
TUFF	CO	PPM	48	20.5	13.2	64.6	1.51	3.18	16.7	24.3	16.8	1.2259	.2849	13.9	20.4
GRNS	CO	PPM	53	12.0	7.94	66.3	2.30	5.97	9.79	14.2	10.2	1.0105	.2371	8.81	11.9
QZMZ	CO	PPM	340	7.72	5.66	73.3	2.11	5.45	7.12	8.32	6.21	.7927	.2898	5.78	6.66
PLLT	CO	PPM	47	14.5	7.15	49.3	1.30	1.95	12.4	16.6	13.0	1.1124	.2142	11.2	15.0
QRZD	CO	PPM	33	7.45	2.29	30.8	.39	-.79	6.64	8.27	7.11	.8522	.1360	6.37	7.95
GRNT	CO	PPM	45	8.44	5.43	64.2	.97	.34	6.82	10.1	6.83	.8346	.2973	5.56	8.39

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	CO	PPM	75	1.000	7.000	10.000	14.000	15.000	18.000	23.000	27.000	35.000	35.000
LMSN	CO	PPM	26	1.000	8.000	11.000	14.000	17.000	18.000	57.000	57.000	57.000	57.000
GNSS	CO	PPM	46	3.000	6.000	8.000	9.000	10.000	15.000	21.000	50.000	50.000	50.000
CHRT	CO	PPM	161	2.000	7.000	9.000	13.000	14.000	18.000	27.000	43.000	44.000	71.000
TUFF	CO	PPM	48	4.000	12.000	18.000	27.000	28.000	35.000	60.000	69.000	69.000	69.000
GRNS	CO	PPM	53	2.000	7.000	10.000	14.000	15.000	26.000	30.000	46.000	46.000	46.000
QZMZ	CO	PPM	340	1.000	4.000	6.000	9.000	10.000	14.000	20.000	26.000	33.000	35.000
PLLT	CO	PPM	47	3.000	11.000	13.000	17.000	18.000	23.000	35.000	37.000	37.000	37.000
QRZD	CO	PPM	33	4.000	6.000	7.000	9.000	10.000	11.000	12.000	12.000	12.000	12.000
GRNT	CO	PPM	45	2.000	4.000	7.000	12.000	13.000	18.000	20.000	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	
TILL	AG	PPM	75	.115	.538E-01	46.9	5.37	33.76	.102	.127	.109	-.9626	.1173	.102	.116
LMSN	AG	PPM	26	.162	.144	89.4	2.16	3.11	.103	.220	.130	-.8864	.2502	.103	.164
GNSS	AG	PPM	46	.109	.285E-01	26.2	2.93	6.60	.100	.117	.106	-.9738	.0858	.100	.113
CHRT	AG	PPM	161	.184	.256	139.2	4.32	20.42	.144	.224	.132	-.8778	.2734	.120	.146
TUFF	AG	PPM	48	.110	.371E-01	33.6	3.75	13.99	.996E-01	.121	.107	-.9712	.0989	.100	.114
GRNS	AG	PPM	53	.130	.540E-01	41.5	1.58	1.56	.115	.145	.122	-.9138	.1487	.111	.134
QZMZ	AG	PPM	340	.178	.288	161.8	6.73	60.43	.147	.209	.127	-.8958	.2661	.119	.136
PLLT	AG	PPM	47	.204	.277	135.8	2.87	6.78	.123	.286	.139	-.8575	.3068	.113	.171
QRZD	AG	PPM	33	.139	.109	78.1	4.34	19.75	.101	.178	.123	-.9105	.1841	.106	.143
GRNT	AG	PPM	45	.116	.520E-01	45.0	4.12	18.42	.999E-01	.131	.110	-.9599	.1218	.101	.119

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	AG	PPM	75	.100	.100	.100	.100	.100	.200	.200	.200	.500	.500
LMSN	AG	PPM	26	.100	.100	.100	.100	.200	.500	.600	.600	.600	.600
GNSS	AG	PPM	46	.100	.100	.100	.100	.100	.100	.200	.200	.200	.200
CHRT	AG	PPM	161	.100	.100	.100	.100	.200	.300	.700	1.600	1.600	1.800
TUFF	AG	PPM	48	.100	.100	.100	.100	.100	.100	.200	.300	.300	.300
GRNS	AG	PPM	53	.100	.100	.100	.200	.200	.200	.200	.300	.300	.300
QZMZ	AG	PPM	340	.100	.100	.100	.100	.100	.300	.600	1.100	1.400	3.500
PLLT	AG	PPM	47	.100	.100	.100	.100	.200	.400	1.200	1.200	1.200	1.200
QRZD	AG	PPM	33	.100	.100	.100	.200	.200	.200	.200	.700	.700	.700
GRNT	AG	PPM	45	.100	.100	.100	.100	.100	.200	.200	.400	.400	.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	
TILL	MN	PPM	75	822.	841.	102.4	2.30	6.02	629.	.102E+04	562.	2.7497	.3683	462.	683.
LMSN	MN	PPM	26	733.	599.	81.6	1.43	.82	492.	975.	561.	2.7493	.3162	419.	753.
GNSS	MN	PPM	46	616.	650.	105.6	3.33	12.27	423.	809.	468.	2.6699	.2869	384.	569.
CHRT	MN	PPM	161	787.	.149E+04	189.8	10.13	114.97	554.	.102E+04	544.	2.7358	.3150	486.	609.
TUFF	MN	PPM	48	.126E+04	.205E+04	162.3	4.06	18.04	669.	.186E+04	739.	2.8686	.3959	567.	963.
GRNS	MN	PPM	53	.106E+04	.301E+04	283.3	6.59	43.14	233.	.189E+04	564.	2.7514	.3406	455.	700.
QZMZ	MN	PPM	340	498.	836.	168.0	10.40	132.02	408.	587.	375.	2.5741	.2644	351.	400.
PLLT	MN	PPM	47	.125E+04	.364E+04	291.8	6.47	40.53	180.	.232E+04	689.	2.8385	.3075	560.	849.
QRZD	MN	PPM	33	562.	731.	130.2	4.59	21.54	303.	821.	419.	2.6221	.2814	333.	527.
GRNT	MN	PPM	45	447.	503.	112.5	3.65	14.86	296.	598.	326.	2.5128	.3236	260.	407.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	MN	PPM	75	115.000	285.000	460.000	1050.000	1300.000	1700.000	2900.000	3300.000	4700.000	4700.000
LMSN	MN	PPM	26	130.000	365.000	500.000	880.000	1100.000	2000.000	2250.000	2250.000	2250.000	2250.000
GNSS	MN	PPM	46	145.000	320.000	420.000	630.000	650.000	1500.000	2150.000	3850.000	3850.000	3850.000
CHRT	MN	PPM	161	80.000	350.000	500.000	795.000	890.000	1500.000	1950.000	3150.000	3500.000	18250.000
TUFF	MN	PPM	48	125.000	415.000	725.000	1000.000	1150.000	3100.000	6950.000	12500.000	12500.000	12500.000
GRNS	MN	PPM	53	145.000	370.000	520.000	740.000	760.000	1400.000	2100.000	22000.000	22000.000	22000.000
QZMZ	MN	PPM	340	110.000	255.000	360.000	505.000	560.000	730.000	910.000	1700.000	4900.000	12500.000
PLLT	MN	PPM	47	260.000	470.000	600.000	830.000	980.000	1150.000	3300.000	25500.000	25500.000	25500.000
QRZD	MN	PPM	33	145.000	260.000	390.000	600.000	620.000	1100.000	1200.000	4400.000	4400.000	4400.000
GRNT	MN	PPM	45	70.000	230.000	300.000	440.000	510.000	800.000	1600.000	3050.000	3050.000	3050.000

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	
TILL	FE	PCT	75	2.49	1.11	44.6	1.05	1.19	2.24	2.75	2.27	.3554	.1936	2.05	2.51
LMSN	FE	PCT	26	2.81	1.48	52.6	2.70	8.65	2.21	3.40	2.56	.4079	.1808	2.16	3.03
GNSS	FE	PCT	46	2.54	3.22	126.7	6.21	38.05	1.58	3.49	2.11	.3233	.1968	1.84	2.41
CHRT	FE	PCT	161	2.58	1.45	56.4	3.96	23.18	2.35	2.80	2.33	.3680	.1824	2.19	2.49
TUFF	FE	PCT	48	3.66	1.44	39.5	.86	1.45	3.24	4.08	3.38	.5293	.1798	3.00	3.81
GRNS	FE	PCT	53	2.54	.987	38.8	1.91	4.73	2.27	2.81	2.40	.3795	.1443	2.19	2.63
QZMZ	FE	PCT	340	2.17	1.19	54.8	3.32	19.45	2.04	2.30	1.95	.2899	.1941	1.86	2.04
PLLT	FE	PCT	47	2.94	.959	32.7	.77	.47	2.65	3.22	2.79	.4454	.1411	2.54	3.07
QRZD	FE	PCT	33	2.49	1.78	71.5	4.12	18.27	1.86	3.12	2.21	.3436	.1918	1.89	2.58
GRNT	FE	PCT	45	2.47	1.52	61.5	3.42	15.52	2.01	2.92	2.19	.3413	.2003	1.91	2.52

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	FE	PCT	75	.650	1.750	2.350	3.100	3.450	4.100	4.500	5.750	6.250	6.250
LMSN	FE	PCT	26	.950	2.050	2.500	3.200	3.400	4.450	8.800	8.800	8.800	8.800
GNSS	FE	PCT	46	1.200	1.600	1.950	2.300	2.600	3.150	3.700	23.500	23.500	23.500
CHRT	FE	PCT	161	.750	1.800	2.250	3.000	3.200	3.700	4.400	7.800	10.000	13.500
TUFF	FE	PCT	48	1.350	3.050	3.550	4.300	4.500	5.750	6.600	8.500	8.500	8.500
GRNS	FE	PCT	53	1.300	1.900	2.300	2.900	3.250	3.750	4.700	6.700	6.700	6.700
QZMZ	FE	PCT	340	.600	1.450	1.900	2.650	2.800	3.350	3.950	5.100	7.800	11.500
PLLT	FE	PCT	47	1.300	2.350	2.850	3.400	3.500	4.200	5.000	5.700	5.700	5.700
QRZD	FE	PCT	33	.850	1.800	2.100	2.500	2.750	3.550	4.750	11.500	11.500	11.500
GRNT	FE	PCT	45	1.000	1.700	2.100	2.950	3.100	3.900	4.650	10.500	10.500	10.500

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	
TILL	MO	PPM	75	1.67	2.35	141.0	6.07	39.73	1.13	2.21	1.29	.1120	.2341	1.14	1.47
LMSN	MO	PPM	26	2.58	3.18	123.3	2.10	3.03	1.30	3.86	1.66	.2214	.3598	1.19	2.33
GNSS	MO	PPM	46	1.72	1.56	90.8	3.04	9.25	1.25	2.18	1.40	.1451	.2431	1.18	1.65
CHRT	MO	PPM	161	2.12	1.71	80.5	2.28	7.40	1.86	2.39	1.69	.2272	.2771	1.53	1.86
TUFF	MO	PPM	48	1.75	1.98	113.4	5.11	28.68	1.17	2.33	1.40	.1452	.2420	1.19	1.64
GRNS	MO	PPM	53	1.62	1.63	100.6	3.63	13.67	1.17	2.07	1.31	.1180	.2345	1.13	1.52
QZMZ	MO	PPM	340	2.47	2.80	113.2	3.40	14.52	2.17	2.77	1.77	.2475	.3148	1.64	1.91
PLLT	MO	PPM	47	3.72	8.22	220.8	5.38	30.68	1.31	6.14	1.84	.2645	.4158	1.39	2.43
QRZD	MO	PPM	33	3.61	9.00	249.5	5.24	26.29	.418	6.79	1.89	.2757	.3631	1.40	2.54
GRNT	MO	PPM	45	6.80	4.56	67.1	.90	.17	5.43	8.17	5.27	.7216	.3398	4.16	6.66

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	MO	PPM	75	1.000	1.000	1.000	2.000	2.000	2.000	3.000	10.000	19.000	19.000
LMSN	MO	PPM	26	1.000	1.000	1.000	2.000	4.000	9.000	12.000	12.000	12.000	12.000
GNSS	MO	PPM	46	1.000	1.000	1.000	2.000	2.000	3.000	8.000	8.000	8.000	8.000
CHRT	MO	PPM	161	1.000	1.000	1.000	3.000	3.000	5.000	5.000	7.000	9.000	12.000
TUFF	MO	PPM	48	1.000	1.000	1.000	2.000	2.000	3.000	4.000	14.000	14.000	14.000
GRNS	MO	PPM	53	1.000	1.000	1.000	2.000	2.000	2.000	5.000	10.000	10.000	10.000
QZMZ	MO	PPM	340	1.000	1.000	1.000	3.000	3.000	5.000	9.000	13.000	16.000	23.000
PLLT	MO	PPM	47	1.000	1.000	1.000	3.000	5.000	9.000	13.000	55.000	55.000	55.000
QRZD	MO	PPM	33	1.000	1.000	2.000	3.000	3.000	5.000	8.000	53.000	53.000	53.000
GRNT	MO	PPM	45	1.000	3.000	6.000	9.000	11.000	14.000	18.000	18.000	18.000	18.000

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	
TILL	W	PPM	75	2.03	.231	11.4	8.49	70.01	1.97	2.08	2.02	.3050	.0348	1.98	2.06
LMSN	W	PPM	26	2.08	.392	18.9	4.80	21.04	1.92	2.24	2.05	.3126	.0590	1.94	2.17
GNSS	W	PPM	46	2.35	1.54	65.5	5.63	32.34	1.89	2.80	2.18	.3376	.1347	1.98	2.39
CHRT	W	PPM	161	3.85	11.5	298.3	8.40	75.02	2.06	5.64	2.33	.3672	.2557	2.13	2.55
TUFF	W	PPM	48	2.13	.640	30.1	5.31	27.81	1.94	2.31	2.08	.3172	.0806	1.97	2.19
GRNS	W	PPM	53	2.68	2.42	90.2	4.41	19.53	2.01	3.34	2.31	.3645	.1859	2.06	2.60
QZMZ	W	PPM	340	3.34	3.75	112.3	4.74	27.84	2.94	3.74	2.63	.4198	.2435	2.48	2.79
PLLT	W	PPM	47	2.81	2.22	79.1	3.94	17.69	2.16	3.46	2.44	.3873	.1955	2.14	2.78
QRZD	W	PPM	33	3.58	5.24	146.5	3.86	14.09	1.72	5.43	2.55	.4065	.2714	2.04	3.18
GRNT	W	PPM	45	5.13	5.70	110.9	2.19	4.07	3.42	6.84	3.54	.5495	.3356	2.81	4.47

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	W	PPM	75	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	4.000	4.000
LMSN	W	PPM	26	2.000	2.000	2.000	2.000	2.000	2.000	4.000	4.000	4.000	4.000
GNSS	W	PPM	46	2.000	2.000	2.000	2.000	2.000	2.000	4.000	12.000	12.000	12.000
CHRT	W	PPM	161	2.000	2.000	2.000	2.000	2.000	2.000	6.000	25.000	80.000	120.000
TUFF	W	PPM	48	2.000	2.000	2.000	2.000	2.000	2.000	4.000	6.000	6.000	6.000
GRNS	W	PPM	53	2.000	2.000	2.000	2.000	2.000	4.000	6.000	16.000	16.000	16.000
QZMZ	W	PPM	340	2.000	2.000	2.000	2.000	4.000	6.000	10.000	17.000	28.000	35.000
PLLT	W	PPM	47	2.000	2.000	2.000	2.000	4.000	6.000	7.000	15.000	15.000	15.000
QRZD	W	PPM	33	2.000	2.000	2.000	2.000	2.000	6.000	18.000	28.000	28.000	28.000
GRNT	W	PPM	45	2.000	2.000	2.000	4.000	6.000	14.000	24.000	25.000	25.000	25.000

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	
TILL	U	PPM	75	3.90	2.70	69.2	1.96	4.06	3.28	4.52	3.27	.5140	.2471	2.87	3.72
LMSN	U	PPM	26	5.52	5.48	99.3	2.29	5.58	3.31	7.73	3.98	.6002	.3366	2.91	5.44
GNSS	U	PPM	46	5.20	10.7	205.8	5.73	33.41	2.02	8.38	3.26	.5129	.3100	2.64	4.03
CHRT	U	PPM	161	5.23	5.64	107.9	3.08	10.52	4.35	6.11	3.81	.5808	.3169	3.40	4.27
TUFF	U	PPM	48	5.44	8.04	147.8	3.54	13.56	3.11	7.78	3.30	.5180	.3856	2.55	4.26
GRNS	U	PPM	53	7.67	13.8	179.4	3.61	13.45	3.88	11.5	4.06	.6086	.4046	3.14	5.25
QZMZ	U	PPM	340	17.0	19.9	116.9	3.43	17.29	14.9	19.2	10.9	1.0391	.3968	9.93	12.1
PLLT	U	PPM	47	7.76	12.6	162.7	4.38	20.61	4.06	11.5	4.84	.6849	.3541	3.81	6.15
QRZD	U	PPM	33	7.13	5.81	81.5	3.56	14.57	5.07	9.19	5.94	.7740	.2461	4.86	7.26
GRNT	U	PPM	45	20.3	17.5	86.3	3.53	16.49	15.0	25.5	15.9	1.2001	.3055	12.8	19.6

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	U	PPM	75	1.100	2.200	3.000	4.700	5.400	7.100	10.300	12.100	15.100	15.100
LMSN	U	PPM	26	1.300	2.300	3.400	8.400	9.900	11.500	26.000	26.000	26.000	26.000
GNSS	U	PPM	46	1.700	2.200	2.600	3.800	4.700	7.300	16.700	72.900	72.900	72.900
CHRT	U	PPM	161	.300	2.400	3.200	5.600	6.500	10.300	19.000	27.900	29.700	37.100
TUFF	U	PPM	48	.700	1.800	2.600	5.400	6.200	15.400	28.800	46.400	46.400	46.400
GRNS	U	PPM	53	1.200	2.300	2.800	5.900	6.500	27.700	36.900	78.100	78.100	78.100
QZMZ	U	PPM	340	1.600	5.600	9.900	20.900	24.900	39.400	51.000	82.800	117.000	177.000
PLLT	U	PPM	47	1.200	2.900	3.600	7.000	7.500	16.500	42.100	78.900	78.900	78.900
QRZD	U	PPM	33	2.400	3.700	6.300	7.800	8.000	12.000	15.500	35.100	35.100	35.100
GRNT	U	PPM	45	3.000	10.000	16.800	25.300	29.000	35.000	40.000	114.000	114.000	114.000

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	
TILL	U-W	PPB	74	.311	1.11	355.4	6.57	46.13	.550E-01	.567	.904E-01	-1.0439	.4818	.699E-01	.117
LMSN	U-W	PPB	26	.338	.383	113.5	.89	-.76	.183	.492	.154	-.8125	.5733	.904E-01	.262
GNSS	U-W	PPB	46	.452	2.20	487.0	6.50	40.54	-.201	1.10	.935E-01	-1.0292	.4804	.673E-01	.130
CHRT	U-W	PPB	159	.213	.471	221.0	4.37	21.66	.139	.287	.889E-01	-1.0512	.4534	.755E-01	.105
TUFF	U-W	PPB	46	.180	.820	454.2	6.50	40.45	-.628E-01	.424	.582E-01	-1.2347	.3332	.464E-01	.731E-01
GRNS	U-W	PPB	53	.137	.252	184.0	4.91	26.70	.674E-01	.206	.799E-01	-1.0973	.3609	.636E-01	.100
QZMZ	U-W	PPB	339	.158	.473	300.1	12.94	200.34	.107	.208	.803E-01	-1.0954	.3790	.731E-01	.881E-01
PLLT	U-W	PPB	47	.647E-01	.697E-01	107.7	6.15	37.57	.442E-01	.851E-01	.560E-01	-1.2521	.1706	.499E-01	.628E-01
QRZD	U-W	PPB	33	.189	.273	144.1	2.06	3.36	.927E-01	.286	.954E-01	-1.0207	.4596	.655E-01	.139
GRNT	U-W	PPB	45	.136	.216	158.5	2.61	5.61	.715E-01	.201	.756E-01	-1.1217	.3857	.579E-01	.986E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	U-W	PPB	74	.050	.050	.050	.120	.180	.480	1.200	8.800	8.800	8.800
LMSN	U-W	PPB	26	.050	.050	.050	.620	.860	1.000	1.100	1.100	1.100	1.100
GNSS	U-W	PPB	46	.050	.050	.050	.120	.200	.340	.800	15.000	15.000	15.000
CHRT	U-W	PPB	159	.050	.050	.050	.100	.180	.480	1.200	2.300	2.700	3.500
TUFF	U-W	PPB	46	.050	.050	.050	.050	.050	.050	.500	5.600	5.600	5.600
GRNS	U-W	PPB	53	.050	.050	.050	.140	.160	.320	.520	1.700	1.700	1.700
QZMZ	U-W	PPB	339	.050	.050	.050	.100	.140	.320	.640	.920	1.600	7.800
PLLT	U-W	PPB	47	.050	.050	.050	.050	.050	.100	.120	.520	.520	.520
QRZD	U-W	PPB	33	.050	.050	.050	.300	.360	.740	.920	1.100	1.100	1.100
GRNT	U-W	PPB	45	.050	.050	.050	.050	.120	.420	.840	.900	.900	.900

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	
TILL	F-W	PPB	75	67.2	38.7	57.6	1.57	3.18	58.3	76.1	58.4	1.7661	.2288	51.7	65.9
LMSN	F-W	PPB	26	57.0	37.6	65.9	1.33	1.50	41.9	72.1	46.9	1.6711	.2814	36.1	60.9
GNSS	F-W	PPB	46	50.0	38.5	77.1	2.36	7.08	38.6	61.4	39.8	1.6001	.2968	32.5	48.8
CHRT	F-W	PPB	160	63.5	91.5	144.1	5.33	36.02	49.2	77.8	41.3	1.6155	.3672	36.2	47.1
TUFF	F-W	PPB	47	74.8	77.2	103.1	4.57	24.10	52.2	97.4	59.4	1.7739	.2624	49.8	70.9
GRNS	F-W	PPB	53	52.5	59.3	112.8	2.64	6.13	36.2	68.9	37.1	1.5693	.3295	30.1	45.7
QZMZ	F-W	PPB	340	76.9	150.	195.5	4.50	24.94	60.9	93.0	39.4	1.5952	.4094	35.6	43.5
PLLT	F-W	PPB	47	43.5	28.5	65.5	1.89	3.60	35.2	51.9	37.2	1.5703	.2338	31.7	43.5
QRZD	F-W	PPB	33	46.8	58.6	125.2	3.04	8.52	26.0	67.5	31.9	1.5043	.3421	24.2	42.2
GRNT	F-W	PPB	45	193.	134.	69.7	.63	-.70	152.	233.	142.	2.1516	.3811	109.	185.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	F-W	PPB	75	20.000	40.000	54.000	88.000	96.000	120.000	140.000	170.000	230.000	230.000
LMSN	F-W	PPB	26	10.000	30.000	48.000	72.000	92.000	110.000	170.000	170.000	170.000	170.000
GNSS	F-W	PPB	46	10.000	26.000	42.000	62.000	68.000	98.000	150.000	220.000	220.000	220.000
CHRT	F-W	PPB	160	10.000	24.000	40.000	60.000	76.000	150.000	200.000	290.000	620.000	820.000
TUFF	F-W	PPB	47	20.000	42.000	52.000	88.000	100.000	130.000	190.000	530.000	530.000	530.000
GRNS	F-W	PPB	53	10.000	24.000	34.000	50.000	54.000	170.000	240.000	270.000	270.000	270.000
QZMZ	F-W	PPB	340	10.000	20.000	32.000	52.000	60.000	120.000	450.000	620.000	800.000	1400.000
PLLT	F-W	PPB	47	20.000	24.000	32.000	54.000	60.000	76.000	120.000	150.000	150.000	150.000
QRZD	F-W	PPB	33	10.000	20.000	30.000	44.000	52.000	94.000	250.000	270.000	270.000	270.000
GRNT	F-W	PPB	45	20.000	88.000	160.000	310.000	330.000	400.000	470.000	480.000	480.000	480.000

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	W	U	U-W	F-W
1040	785002	GNSS	6			+							***			+
1040	785004	CHRT	6												***	*
1040	785005	CHRT	4												*	*
1040	785010	CHRT	6											+	+	***
1040	785016	QZMZ	4		+	+		+			+					
1040	785028	QZMZ	9				**	**			**					
1040	785030	GNSS	9	***		***		+								
1040	785031	QZMZ	4				+					+				*
1040	785032	QZMZ	10				*	**			**					*
1040	785033	QZMZ	10	+					+	+		+		***		*
1040	785034	TILL	6				+	+	***							
1040	785035	TILL	5					**			*					
1040	785037	QZMZ	7				**	*			*					
1040	785040	QZMZ	5				*	*			+					
1040	785044	QZMZ	4									+		**		
1040	785045	GNSS	7		+		*	*				+		+		
1040	785048	QZMZ	11					**		***	***					
1040	785051	QZMZ	12				***	***		*	*					
1040	785054	GRNS	5				+	*			*					
1040	785059	QZMZ	11		**		**	*			+	+			+	
1040	785076	TILL	5									**				*
1040	785078	GRNS	7						***						*	+
1040	785080	LMSN	4													***
1040	785082	GRNS	5						***							+
1040	785092	CHRT	7				***	**								
1040	785093	CHRT	8	*		***			*							
1040	785096	CHRT	8				***	***								
1040	785097	CHRT	5			+			***							
1040	785103	CHRT	4							*					*	
1040	785105	GRNS	6		*		*	*								
1040	785106	GRNS	8				***	***								
1040	785107	CHRT	12	***		***			***							
1040	785108	CHRT	10	*		*			*		**				+	
1040	785114	TILL	5			***								+		
1040	785120	QZMZ	7			+			+				**		*	
1040	785125	QZMZ	8			*			**					*	+	
1040	785129	LMSN	5			+									***	
1040	785130	GRNS	11	+		*						*	*		***	
1040	785135	QZMZ	4			*			*							
1040	785138	QZMZ	6		**			+		*						
1040	785147	QZMZ	8	*		*			**				+			
1040	785149	QZMZ	4			*			*							
1040	785152	CHRT	6	**		*									+	
1040	785153	CHRT	6	*		*			*							
1040	785155	CHRT	7	*		*							*		+	
1040	785156	TILL	4			**									+	
1040	785160	QZMZ	19	***				**	+	***	***	+		*		
1040	785165	TUFF	10											***	***	*
1040	785174	GRNS	6			*								***		
1040	785175	QZMZ	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	W	U	U-W	F-W
1040	785180	QZMZ	11	+	*		*	*		+	**					
1040	785182	LMSN	8											***	***	
1040	785192	QZMZ	4	+		+							*			
1040	785193	QZMZ	4	+		*			+							
1040	785197	TUFF	8			*			***					*		
1040	785210	QZMZ	5				*	+								*
1040	785211	QZMZ	4									+				**
1040	785213	QZMZ	4												+	**
1040	785216	QZMZ	8											+	**	***
1040	785217	QZMZ	6										+		**	*
1040	785218	QZMZ	9									**	+	*	*	+
1040	785219	QZMZ	10		+					*		**	+	*		+
1040	785232	QZMZ	6	*					+						*	+
1040	785234	QZMZ	11	*								*	+	+	*	**
1040	785235	QZMZ	4									+			+	*
1040	785236	QZMZ	7	+									***		+	+
1040	785238	QZMZ	5		+									*	*	
1040	785239	QZMZ	9		*					*				**	+	+
1040	785240	QZMZ	15	***		**			***						***	
1040	785243	QZMZ	5									***	+			
1040	785246	QZMZ	8	+								+		**	+	*
1040	785249	QZMZ	4	*		+							+			
1040	785251	QZMZ	6	*		+									**	
1040	785253	TUFF	20	*		***			*	+		***	***	+	*	
1040	785254	QZMZ	5	*		+									*	
1040	785255	QZMZ	14	**	*	***	+	+		*					+	
1040	785256	PLLT	4	+		+			+			+				
1040	785258	PLLT	9	+					***		+	+	+		+	
1040	785259	PLLT	6	*					+						*	+
1040	785260	PLLT	10		+		+	*	+		*	*	+			
1040	785271	TILL	7	***	+	*										
1040	785274	PLLT	32	***	***	***	*	+	***	+	***	***	***			
1040	785276	QZMZ	5				*	+			+		+			
1040	785277	QZMZ	5	+		*			*							
1040	785278	QZMZ	9	**		*			*			+	+			
1040	785279	QZMZ	8	+		+				+		*	+	*		
1040	785280	QZMZ	4										**		+	
1040	785284	QZMZ	5						+			*	+		+	
1040	785285	QZMZ	4										+		**	
1040	785286	QZMZ	4										***			
1040	785292	QZMZ	5									*	*	+		
1040	785295	QZMZ	12		+		**	***		+	**					
1040	785296	GNSS	12			*						***	*	***		
1040	785297	GNSS	8	+		+	+	+			*			*		
1040	785298	QZMZ	9									+		***	***	
1040	785310	TUFF	7								+	*				***
1040	785311	QZMZ	7									+	+	+		***
1040	785312	QZMZ	8									*	+	+		***
1040	785314	QZMZ	6				+	*			*					+
1040	785315	QZMZ	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	W	U	U-W	F-W
1040	785316	QZMZ	6	*	*								*			
1040	785320	QZMZ	4										+			**
1040	785322	QZMZ	4										+	*		+
1040	785324	QZMZ	9				***	**			*					
1040	785327	QZMZ	4	*		+					+					
1040	785331	QZMZ	4				+	+			*					
1040	785332	PLLT	6		*			***								
1040	785333	QZMZ	12		+		***	***			**					
1040	785334	TUFF	7		*		***	+								
1040	785337	QZMZ	9		**		*	*		+	+					
1040	785338	PLLT	8		+		***	+		+	+					
1040	785349	PLLT	4												***	
1040	785357	PLLT	4											*		*
1040	785360	PLLT	9											***	+	***
1040	785369	QZMZ	6				*	+		*					+	
1040	785370	QZMZ	6					+		***	+					
1040	785373	PLLT	5							***	+					
1040	785374	TILL	10								***		***			*
1040	785390	TUFF	8	+				***		*	+					
1040	785397	GNSS	12	+	+		***	***			+	+				
1040	785398	QZMZ	4		*		*									
1040	785399	GNSS	12							+	***	***		+		*
1040	785400	QZMZ	6		+			*			*				+	
1040	785402	TILL	18		***		**	+			**	***		**		
1040	785403	TILL	5									*				**
1040	785432	QZMZ	5	*	*		+									
1040	785453	QZMZ	8		+			+		+	+	+		**		
1040	785456	QZMZ	4									**	+			
1040	785462	QZMZ	6									*	***			
1040	785463	QZMZ	17		***				*		+	**	**	***		
1040	785464	QZMZ	11		***		+	*		*	*					
1040	785472	QZMZ	4									*	*			
1040	785474	LMSN	20	+	***	+	***	***	+		+	***				
1040	785479	CHRT	16	*	+	+		*		*	*	***		*		
1040	785480	CHRT	5						+					***		
1040	785482	CHRT	9		*	*		+		+	+	*				
1040	785487	TILL	10						**		+	*		*		*
1040	785488	TILL	4													***
1040	785489	GRNT	6							*		***				
1040	785494	GRNT	7	+	+	*	+			+		+				
1040	785497	GRNT	12		***								***	***		
1040	785498	GRNT	5	+					*					+		+
1040	785502	GRNT	8	+		***			*							+
1040	785504	GRNT	11	***					***			+				*
1040	785507	GRNS	4	*								*				
1040	785508	GRNS	15	***		*						***	+	*		*
1040	785511	GRNT	4				*	+			+					
1040	785516	GRNT	9		*		+	***		+	+					
1040	785517	GRNT	6				***	*								
1040	785518	TUFF	17	***				*		***	***	+	*			

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	W	U	U-W	F-W
1040	785529	TILL	11	*			***	***			+					
1040	785532	TILL	5						**			*				
1040	785538	TUFF	8		***	+			*			+				
1040	785548	TILL	5					**		+	+					
1040	785553	CHRT	4	+	+			+			+					
1040	785564	GRNS	7		***			+			+		+			
1040	785565	GRNS	12									*	***	*		***
1040	785569	CHRT	10	+		+						***		*		*
1040	785572	CHRT	6			+						*	+	*		
1040	785575	GRNT	4								***					
1040	785578	CHRT	5							**	*					
1040	785589	CHRT	5				+	*			*					
1040	785592	CHRT	4				+	+			+			+		
1040	785593	CHRT	5				*	*			+					
1040	785596	TILL	5		+	*						*				
1040	785608	TUFF	5				*	+			*					
1040	785609	CHRT	6				*	*			*					
1040	785611	TILL	5			+									*	*
1040	785615	LMSN	5							***	+					
1040	785616	LMSN	8	+	+				+		***	+				
1040	785622	CHRT	4												***	
1040	785623	CHRT	11				+	*		***	***					
1040	785628	GRNT	5							***	+					
1040	785637	GRNT	4												***	
1040	785638	GRNT	9		+			+			*	***		+		
1040	785645	GRNS	6		+								*	+		*
1040	785646	GRNT	4									+	+	*		
1040	785648	GRNT	10	*					*				*			***
1040	785652	CHRT	4		+	+						*				
1040	785654	TUFF	4	+						+		*				
1040	785655	CHRT	10							***	***	*				
1040	785658	LMSN	15	***	+	***		+				+	***			
1040	785668	GRNS	8							***	***					
1040	785669	TILL	5				*	+		*						
1040	785672	GRNS	7	*			+			*	*					
1040	785677	TILL	5		**	*										
1040	785679	CHRT	5		***				+							
1040	785684	CHRT	5		+		+		+	*						
1040	785695	QZMZ	4	+		+			*							
1040	785696	QZMZ	6	+		+			***							
1040	785705	QZMZ	9	**		*				**						+
1040	785706	QZMZ	8			***			***							
1040	785707	QZMZ	8	**		**			+	+						
1040	785709	QZMZ	17	***		***			***	**		+	+			
1040	785710	QZMZ	5	+		*			*							
1040	785711	QZMZ	5	*		**										
1040	785712	QRZD	4			***										
1040	785714	QZMZ	8	+		*			*					+	*	
1040	785715	QZMZ	6	+		*			+						*	
1040	785716	QZMZ	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	W	U	U-W	F-W
1040	785717	QZMZ	4	+		+			*							
1040	785719	GRNS	5			***							+			
1040	785726	TILL	4									*		*		
1040	785738	QRZD	9	*			*		***			+				
1040	785739	QRZD	19	***			***			***	***	*			+	
1040	785740	CHRT	22	***	**	+	**	***	*		+			**		+
1040	785747	CHRT	4											***		
1040	785763	QZMZ	9		*		+	*		+	+	*				
1040	785772	CHRT	10	+		**			***				+			+
1040	785774	QRZD	5				+	***								
1040	785775	QRZD	4										*	*		
1040	785776	QRZD	10		+							***	***	+		
1040	785785	QRZD	8		*	*								***		
1040	785789	QRZD	13		***	+		***		*	*					
1040	785804	TILL	5							+	+			+	*	
1040	785813	TILL	8											***	***	
1040	785817	QRZD	5												***	+
1040	785820	QZMZ	4		+				*					+		
1040	785829	QZMZ	4		+		*	+								
1040	785836	CHRT	4				+		+	*						
1040	785852	CHRT	11	+	*		*	+	*			**				
1040	785862	QZMZ	15		***					+	*	***	**	+		
1040	785878	QZMZ	5												***	+
1040	785882	GRNS	5				*	+		+	+					
1040	785883	CHRT	7		***		*	+								
1040	785905	QZMZ	8		+							***	*	+		
1040	785913	CHRT	6	+	+		*		*							
1040	785920	CHRT	8										*	*		***
1040	785956	TILL	4						**						+	
1040	785959	GNSS	10							***					*	***
1040	785965	GNSS	5						***						+	
1040	785968	TILL	5							***	+					
1040	785974	GNSS	10	*	***				***							
1040	785975	GNSS	7	+	*				***							
1040	785977	TILL	5						**	*						
1040	785986	CHRT	9									*	***			**
1040	785988	QRZD	4												*	*
1040	785994	GNSS	4												***	
1040	785995	GNSS	6						***	*						
1040	787126	QRZD	4													***
1040	787128	CHRT	8									*	***			*
1040	787130	QZMZ	8					+		**	***					
1040	787150	CHRT	5						+			*		*		
1040	787167	LMSN	4						***							
1040	787168	CHRT	4				+	+		*						
1040	787170	TILL	4				*	*								

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 TRANVERSE MERCATOR(UTM) COORDINATE SYSTEM- SAMPLE COORDINATES
ZN- ZONE
EAST- EASTING(METERS)
NORTH- NORTHING(METERS)

ROCK TYPE- MAJOR ROCK TYPE OF LAKE CATCHMENT AREA
AGE- STRATIGRAPHIC AGE OF ROCK TYPE

LAKE AREA- AREA OF LAKE SAMPLED
SMP DTH- SAMPLE DEPTH MEASURED TO THE NEAREST FOOT

RP ST- REPLICATE STATUS- RELATIONSHIP OF SAMPLE WITH RESPECT TO OTHERS WITHIN THE SURVEY

RELF- RELIEF OF THE SURROUNDING LAKE CATCHMENT BASIN
GEL- PRESENCE OF AN ORGANIC GEL OR GYTTJA
CONT- CONTAMINATION- HUMAN OR NATURAL(WORK-DRILL/TRENCH, CAMP,FUEL OR GOSSAN)
SAMP COLOR- SEDIMENT COLOUR
SUSP- SUSPENDED MATTER

ZN- ZINC BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
CU- COPPER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
PB- LEAD BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
NI- NICKEL BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
CO- COBALT BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
AG- SILVER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
MN- MANGANESE BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
FE- IRON BY ATOMIC ABSORPTION SPECTROSCOPY (%)
MO- MOLYBDENUM BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)
W- TUNGSTON BY COLORIMETRY USING ZINC DITHIOL (PPM)
LOI- LOSS ON IGNITION BY WEIGHT DIFFERENCE (%)
U- URANIUM BY DELAYED NEUTRON ACTIVATION(PPM)
U-W- URANIUM IN WATERS FLUOROMETRICALLY (PPB)
F-W- FLUORINE IN WATERS BY SPECIFIC ION ELECTRODE(PPB)
PH- PH BY COMBINATION GLASS - CALOMEL ELECTRODE

ROCK TYPE:
TILL- TILL
QZMZ- QUARTZ MONZONITE
GRNT- GRANITE
CHRT- CHERT
QRZD- QUARTZ DIORITE
LMSN- LIMESTONE
GRNS- GREENSTONE

AGE:
30- CARBONIFEROUS
37- PERMAIN LOWER
48- JURASSIC LOWER
51- JURASSIC - CRETACEOUS
53- CRETACEOUS LOWER
64- QUATERNARY

LAKE AREA:
POND- POND
LT 1- 1/4 TO 1 SQ KM
1-5- 1 TO 5 SQ KM
GT 5- GREATER THAN 5 SQ KM

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

RELF:
L- LOW
M- MEDIUM
H- HIGH

GEL:
BLANK- ABSENT
P- PRESENT

CONT:
BLANK- NONE

SAMP COLOR:
TN- TAN
YL- YELLOW
GN- GREEN
GY- GREY
BR- BROWN
BK- BLACK

SUSP:
BLANK- NONE
L- LIGHT

MAP	SAMPLE	UTM ZN	UTM EAST	UTM NORTH	ROCK TYPE	AGE	LAKE AREA	SMP DTH	RP ST	RELF	GEOL	CONT	SAMP COLOR	SUSP	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	LOI	U	U-W	F-W	PH
104O	787004	9	340990	6617588	TILL	64	GT 5	6	00	L	P		BR		100	24	2	26	4	0.1	170	1.20	4	2	68.3	2.5	0.05	34	7.3
104O	787005	9	339833	6620867	TILL	64	LT 1	3	00	L			BR	L	96	56	2	46	8	0.1	190	2.30	9	2	49.8	5.2	0.32	84	7.7
104O	787006	9	339194	6622899	TILL	64	1-5	3	00	M			BR	L	68	44	1	34	9	0.1	240	3.40	18	2	34.5	14.0	0.44	84	7.8
104O	787007	9	336989	6624390	TILL	64	POND	6	10	L			BR	L	102	40	1	41	10	0.1	390	2.70	4	2	51.2	4.0	0.40	86	7.9
104O	787008	9	336989	6624390	TILL	64	POND	6	20	L			BR	L	86	38	1	41	11	0.1	420	2.60	3	2	49.2	3.8	0.52	90	7.9
104O	787010	9	334284	6626000	TILL	64	POND	2	00	M			BR TN		42	34	1	25	1	0.1	300	0.80	13	2	28.7	5.7	0.58	84	7.9
104O	787011	9	333206	6619785	TILL	64	POND	7	00	M			BR GY	L	106	76	2	58	11	0.1	520	2.70	15	2	47.3	21.3	0.80	68	7.8
104O	787012	9	334238	6617941	TILL	64	POND	11	00	M			BK	L	100	86	2	69	20	0.1	930	4.10	13	2	29.7	24.5	2.80	76	7.8
104O	787013	9	334967	6615964	QZMZ	48	1-5	14	00	M			BK	L	118	134	2	98	18	0.2	720	3.45	10	2	38.7	14.8	0.92	58	7.9
104O	787014	9	334567	6611736	TILL	64	POND	5	00	M			BR	L	120	48	2	46	9	0.1	460	2.90	6	2	49.5	5.5	0.60	110	7.9
104O	787015	9	335804	6611026	CHRT	30	LT 1	7	00	M			BR	L	94	52	2	49	9	0.1	545	1.95	9	2	55.0	6.9	0.40	86	7.9
104O	787016	9	331921	6607282	QRZD	51	POND	2	00	L			BR	L	64	36	2	26	6	0.2	1000	1.95	43	2	66.8	7.1	1.30	72	7.8
104O	787017	9	335400	6602339	GRNT	53	LT 1	7	00	M			GY	L	62	28	1	32	5	0.1	215	1.10	4	2	43.1	17.9	0.90	68	7.8
104O	787018	9	333923	6600484	TILL	64	1-5	7	00	M			GY	L	112	64	2	55	12	0.3	810	5.30	5	2	11.2	6.9	0.52	54	7.6
104O	787019	9	338480	6594033	TILL	64	LT 1	2	00	M			BR	L	104	62	4	56	14	0.2	530	4.00	3	2	47.9	6.5	0.40	92	7.7
104O	787020	9	337063	6592571	QRZD	51	POND	3	00	M			BR	L	70	38	2	40	8	0.1	150	2.00	4	2	46.6	4.9	0.70	72	7.8
104O	787022	9	338287	6591817	LMSN	30	LT 1	5	00	M			BK BR		102	62	2	50	12	0.2	280	3.90	7	2	32.3	5.2	0.44	74	7.8
104O	787023	9	341236	6590824	TILL	64	POND	5	00	L			BR	L	102	50	1	29	7	0.1	210	1.90	9	2	48.1	4.1	0.10	46	7.3
104O	787024	9	334742	6589210	LMSN	30	1-5	4	10	M			GY	L	130	62	3	47	15	0.3	510	4.80	8	2	24.2	6.2	0.50	58	7.8
104O	787025	9	334742	6589210	LMSN	30	1-5	4	20	M			GY		128	64	5	43	12	0.2	400	3.65	9	2	27.5	5.8	0.50	62	7.7
104O	787027	9	335744	6586623	LMSN	30	POND	13	00	M	P		BR	L	64	38	1	29	7	0.1	930	1.85	44	2	64.6	7.5	0.50	62	8.1
104O	787028	9	334469	6585508	TILL	64	LT 1	15	00	L	P		BR	L	158	80	1	56	12	0.1	1050	3.10	22	2	49.8	13.6	0.50	66	8.0
104O	787029	9	334793	6584151	TILL	64	1-5	1	00	L	P		BR		64	28	1	31	4	0.1	150	1.25	1	2	62.5	4.7	0.32	58	7.6
104O	787030	9	330715	6585311	TILL	64	POND	1	00	L			GY		98	40	5	41	8	0.1	390	2.70	6	2	12.3	2.4	0.22	34	7.5
104O	787031	9	332562	6582392	LMSN	30	1-5	2	00	L			BR GY		108	50	3	42	12	0.2	325	2.90	7	2	19.2	3.9	0.20	38	7.6
104O	787032	9	338688	6583314	TILL	64	POND	1	00	L			BR		98	98	2	43	8	0.4	200	2.55	8	2	38.0	2.6	0.30	62	7.7
104O	787033	9	343823	6585590	QRZD	51	LT 1	1	00	L	P		BR GN	L	124	26	1	17	5	0.1	290	1.00	4	2	38.3	0.7	0.10	28	6.8
104O	787034	9	354236	6550610	TILL	64	1-5	7	00	L	P		BR GN	L	64	44	1	34	5	0.1	290	2.00	30	2	68.4	10.6	0.34	66	7.9
104O	787035	9	352305	6543079	TILL	64	LT 1	2	00	L			BR	L	86	36	1	47	10	0.1	200	2.15	5	2	48.7	1.3	0.20	66	7.7
104O	787036	9	349599	6543030	TILL	64	1-5	10	00	L			GY		158	68	5	90	24	0.2	2850	5.45	4	2	15.2	2.9	0.05	34	7.6
104O	787037	9	345367	6543360	TILL	64	1-5	5	00	L			BR	L	118	34	1	42	9	0.1	200	1.75	2	2	59.6	1.9	0.14	52	7.6
104O	787039	9	342239	6544841	TILL	64	1-5	10	00	L	P		BR	L	90	44	1	63	12	0.1	365	2.55	5	2	53.0	2.1	0.05	44	7.5
104O	787040	9	342576	6549655	TILL	64	LT 1	11	00	L			BR GY		96	46	2	56	17	0.1	800	3.65	1	2	18.6	1.5	0.10	38	7.7
104O	787042	9	340850	6547215	TILL	64	LT 1	1	00	L	P		BR	L	74	42	1	52	5	0.1	180	1.80	6	2	53.5	2.7	0.20	62	7.7
104O	787043	9	347200	6545900	TILL	64	1-5	9	00	L			GY	L	104	56	2	48	14	0.1	595	3.10	1	2	20.2	2.0	0.10	46	7.7
104O	787044	9	348343	6544281	TILL	64	1-5	5	10	L			GY	L	100	62	2	56	12	0.1	425	2.60	1	2	22.1	1.8	0.12	36	7.6
104O	787045	9	348343	6544281	TILL	64	1-5	5	20	L			GY	L	102	62	3	56	12	0.1	435	2.60	1	2	22.7	1.8	0.10	36	7.5
104O	787046	9	349333	6547629	TILL	64	LT 1	14	00	L			BK		132	72	1	56	15	0.1	1800	4.00	9	2	46.4	1.9	0.14	40	7.8
104O	787047	9	350362	6548349	TILL	64	LT 1	1	00	L			BR		78	26	2	36	4	0.1	160	1.15	7	2	61.8	1.5	0.10	36	7.3
104O	787048	9	350841	6550806	TILL	64	LT 1	6	00	L			BK	L	106	46	1	36	8	0.1	420	5.90	12	2	61.7	5.7	0.22	56	8.0
104O	787049	9	349247	6553109	LMSN	30	LT 1	18	00	L			BR	L	150	52	2	49	10	0.1	1200	2.00	15	2	47.1	8.6	0.60	86	8.1
104O	787050	9	347598	6552811	TILL	64	1-5	15	00	L	P		BR		130	56	2	49	14	0.1	635	2.40	7	2	50.4	3.1	0.40	44	8.0
104O	787051	9	346576	6554019	TILL	64	1-5	11	00	L	P		BR YL		120	36	2	40	9	0.1	460	1.65	3	2	65.1	1.8	0.05	26	7.7
104O	787052	9	345886	6555760	TILL	64	LT 1	7	00	L	P		BR	L	90	38	1	40	8	0.1	335	2.05	11	2	63.8	7.7	0.42	68	7.9
104O	787053	9	345263	6556875	TILL	64	LT 1	6	00	L	P		BR		132	36	1	42	9	0.1	445	1.50	3	2	65.1	1.7	0.14	28	7.7
104O	787055	9	340885	6552425	TILL	64	LT 1	4	00	L			BR		128	56	4	59	16	0.1	500	3.00	3	2	29.0	1.9	0.20	46	7.8
104O	787056	9	339333	6554065	TILL	64	GT 5	13	00	L			GY		164	74	2	98	28	0.1	4100	7.85	3	2	24.1	2.9	0.12	36	7.9
104O	787057	9	338828	6555044	TILL	64	GT 5	17	00	M			GY		166	72	2	106	28	0.1	7400	7.70	2	2	19.0	2.9	0.12	48	7.8
104O	787058	9	337771	6556902	TILL	64	GT 5	15	00	M			GY		136	62	1	80	23	0.1	31000	8.90	1	2	25.4	2.3	0.14	40	7.9
104O	787059	9	333213	6553938	GRNS	30	POND	16	00	H			GY		250	148	2	134	20	0.3	1200	5.90	3	2	24.3	2.4	0.12	20	7.2

MAP	SAMPLE	UTM ZN	EAST	NORTH	ROCK TYPE	AGE	LAKE AREA	SMP DTH	RP ST	REL F	GEOL	CONT	SAMP COLOR	SUSP	ZN	CU	PB	NI	CO	AG	MN	FE	MO	W	LOI	U	U-W	F-W	PH
1040	787060	9	332000	6552217	GRNS	30	POND	12	00	M			BK	L	184	88	2	78	30	0.1	4900	9.00	5	2	25.2	2.6	0.05	32	7.8
1040	787062	9	329298	6555546	TILL	64	GT 5	25	00	M	P		BR		200	100	2	86	17	0.1	940	2.70	3	2	35.0	5.3	0.05	22	7.7
1040	787063	9	342125	6559533	TILL	64	1-5	13	00	L			BR		134	48	2	50	9	0.1	495	1.70	3	2	53.8	2.9	0.05	28	7.8
1040	787064	9	342029	6560579	TILL	64	1-5	12	10	L			BK		106	58	1	46	12	0.1	1350	12.00	2	2	28.7	2.9	0.05	84	7.7
1040	787065	9	342029	6560579	TILL	64	1-5	12	20	L			BK		90	14	1	23	2	0.1	165	0.70	2	2	60.0	0.7	0.05	76	7.8
1040	787066	9	344372	6563278	TILL	64	LT 1	4	00	L			BR		128	62	1	53	14	0.1	1200	10.50	1	2	25.0	3.3	0.05	70	7.9
1040	787067	9	339419	6570712	TILL	64	LT 1	10	00	L			BK	L	106	54	2	46	13	0.1	610	3.55	5	2	48.5	2.6	0.05	70	7.8
1040	787068	9	341544	6570929	TILL	64	POND	6	00	L			BR		134	62	2	44	10	0.1	345	3.55	6	2	48.7	2.4	0.05	165	7.7
1040	787069	9	342541	6571089	TILL	64	POND	1	00	L			BR	L	106	80	2	42	6	0.1	230	2.35	6	2	52.4	3.0	0.05	140	7.7
1040	787070	9	344329	6570264	LMSN	37	POND	7	00	M	P		BR	L	96	112	2	54	8	0.1	220	2.25	8	2	35.9	4.0	0.05	120	7.0
1040	787075	9	333384	6578994	LMSN	30	1-5	11	00	L			BR	L	84	48	1	49	10	0.1	620	2.15	5	2	46.3	3.1	0.12	140	7.5
1040	787076	9	334074	6576426	TILL	64	POND	2	00	L			GY		114	56	5	56	17	0.1	410	4.10	3	2	7.9	3.4	0.10	140	7.8
1040	787077	9	329530	6575937	LMSN	30	LT 1	8	00	M	P		BR		56	36	1	37	7	0.1	315	1.60	7	2	51.3	6.4	0.20	150	7.8
1040	787078	9	332235	6574046	TILL	64	LT 1	1	00	L			BR		50	38	1	41	6	0.1	180	1.30	6	2	67.2	2.2	0.42	130	7.9
1040	787079	9	330075	6571566	TILL	64	LT 1	2	00	M			BR		102	74	2	68	12	0.1	445	3.10	1	2	34.1	1.8	0.44	120	8.0
1040	787080	9	330766	6570620	TILL	64	LT 1	8	00	M			BR		88	68	2	67	12	0.1	335	2.80	2	2	35.0	2.1	0.44	120	7.8
1040	787082	9	329447	6570060	LMSN	30	1-5	5	10	M	P		BR	L	50	52	1	54	7	0.1	265	2.40	8	2	67.6	4.1	0.58	91	7.6
1040	787083	9	329447	6570060	LMSN	30	1-5	5	20	M	P		BR	L	48	50	1	50	7	0.1	260	2.30	7	2	62.0	4.1	0.32	86	7.7
1040	787084	9	330082	6568117	LMSN	30	1-5	7	00	L			BR	L	84	78	1	67	18	0.1	550	4.50	10	2	44.0	4.8	0.30	86	7.9
1040	787085	9	330312	6566839	TILL	64	POND	3	00	L			BR		98	88	2	86	15	0.1	345	3.80	10	2	36.0	5.4	0.50	96	7.9
1040	787086	9	333528	6565528	LMSN	30	1-5	10	00	L	P		BR	L	76	46	1	56	11	0.1	620	2.10	8	2	44.0	4.3	0.24	96	7.7
1040	787087	9	332840	6564196	LMSN	30	POND	1	00	L	P	BR	GY		68	46	1	46	7	0.1	180	2.30	12	2	62.5	4.9	0.52	96	7.4
1040	787088	9	336001	6563548	TILL	64	POND	5	00	L			GY	L	104	64	7	49	14	0.1	380	2.95	1	2	16.8	2.7	0.36	91	7.4
1040	787089	9	340883	6561134	TILL	64	POND	5	00	L			BR	L	92	44	1	40	10	0.1	340	2.10	6	2	64.6	2.6	0.66	91	7.7
1040	787090	9	339278	6566154	TILL	64	POND	3	00	L			BR		84	56	2	60	10	0.1	200	2.30	2	2	45.1	1.7	0.34	86	7.4
1040	787091	9	335420	6570382	TILL	64	1-5	9	00	L			BR		64	26	1	30	7	0.1	620	2.30	4	2	62.3	1.7	0.34	86	7.6
1040	787092	9	334909	6571119	TILL	64	1-5	7	00	L			BR		58	28	2	38	8	0.1	565	1.60	2	2	58.9	2.6	0.52	86	7.9
1040	787093	9	333564	6569205	TILL	64	POND	8	00	L			BR		78	28	1	34	7	0.1	250	1.80	3	2	65.8	1.3	0.16	91	7.8
1040	787095	9	340801	6573396	TILL	64	POND	2	00	L			BR		48	28	1	38	6	0.1	240	1.45	10	2	65.3	2.5	0.10	110	7.9
1040	787096	9	331356	6580703	TILL	64	POND	6	00	M			BR		48	26	1	27	6	0.1	180	2.90	5	2	21.1	1.8	0.05		

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
ZN	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
1 PPM				
2 PPM				
5 PPM				
10 PPM				
20 PPM	XXX	5	6.67	6.67
50 PPM	XXXXXXXXXXXXXXXXXXXX	33	44.00	50.67
100 PPM	XXXXXXXXXXXXXXXXXXXXXX	36	48.00	98.67
200 PPM	X	1	1.33	100.00
500 PPM				
1000 PPM				
2000 PPM				
5000 PPM				

0 20 40 60 80 100

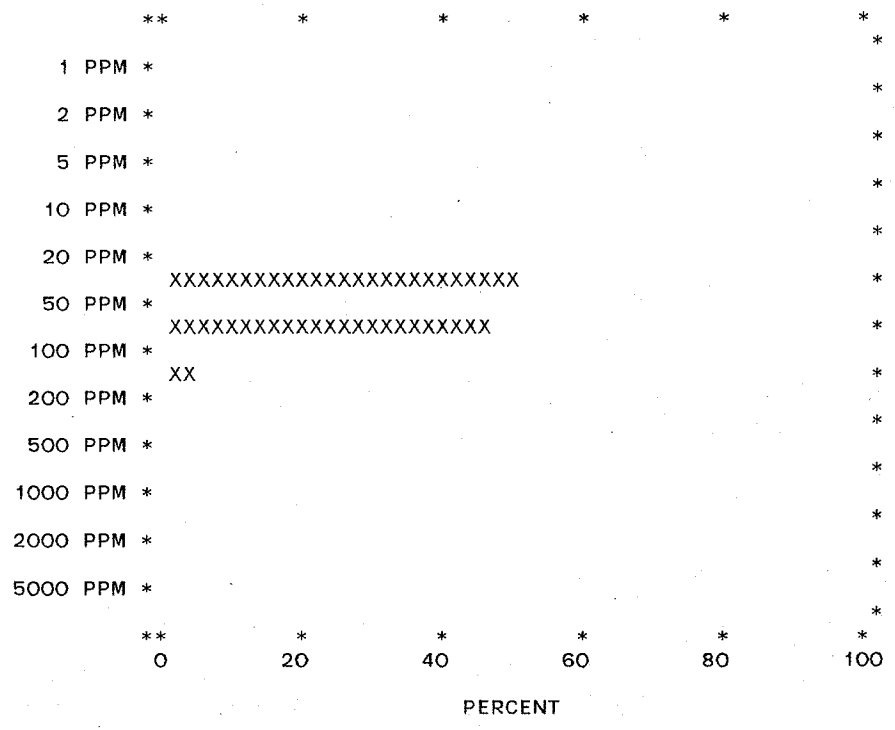
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	102.9067
VARIANCE	1355.8155
STANDARD DEVIATION	36.8214
SKEW	1.1319
EXCESS KURTOSIS	2.4967
COEFFICIENT OF VARIATION, %	35.7814
STANDARD ERROR OF THE MEAN	4.2518
LOWER 95% LIMIT ON THE MEAN	94.4371
UPPER 95% LIMIT ON THE MEAN	111.3762
LOWER 95% LIMIT ON THE RANGE	29.5584
UPPER 95% LIMIT ON THE RANGE	176.2549
GEOMETRIC MEAN	96.8906
LOG10 MEAN	1.9863
LOG10 VARIANCE	.0233
LOG10 STANDARD DEVIATION	.1526
STANDARD ERROR ON THE MEAN	.0176
LOWER 95% LIMIT ON THE MEAN	89.3665
UPPER 95% LIMIT ON THE MEAN	105.0481
LOWER 95% LIMIT ON THE RANGE	48.1116
UPPER 95% LIMIT ON THE RANGE	195.1252
MINIMUM VALUE	42.0000
25TH PERCENTILE OR 1ST QUARTILE	78.0000
50TH PERCENTILE OR MEDIAN	100.0000
75TH PERCENTILE OR 3RD QUARTILE	120.0000
80TH PERCENTILE	130.0000
90TH PERCENTILE	150.0000
95TH PERCENTILE	166.0000
98TH PERCENTILE	200.0000
99TH PERCENTILE	250.0000
MAXIMUM VALUE	250.0000

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

HISTOGRAM



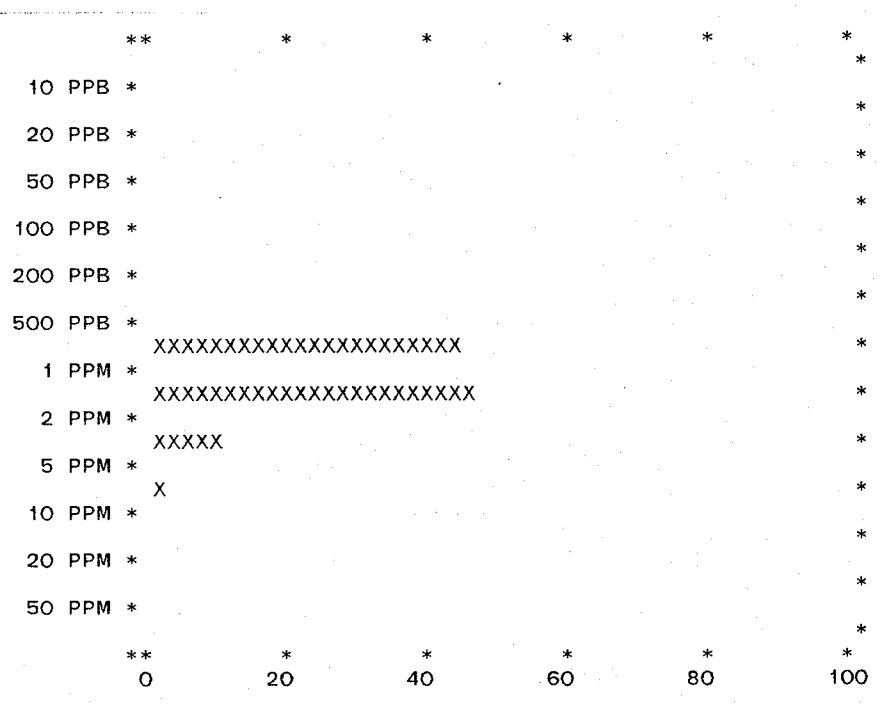
	N	%	CUM %
20 PPM	37	49.33	49.33
50 PPM	35	46.67	96.00
100 PPM	3	4.00	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	55.4133
VARIANCE	580.8404
STANDARD DEVIATION	24.1006
SKEW	1.4279
EXCESS KURTOSIS	2.7821
COEFFICIENT OF VARIATION, %	43.4925
STANDARD ERROR OF THE MEAN	2.7829
LOWER 95% LIMIT ON THE MEAN	49.8698
UPPER 95% LIMIT ON THE MEAN	60.9569
LOWER 95% LIMIT ON THE RANGE	7.4049
UPPER 95% LIMIT ON THE RANGE	103.4218
GEOMETRIC MEAN	51.0253
LOG10 MEAN	1.7078
LOG10 VARIANCE	.0308
LOG10 STANDARD DEVIATION	.1754
STANDARD ERROR ON THE MEAN	.0202
LOWER 95% LIMIT ON THE MEAN	46.4997
UPPER 95% LIMIT ON THE MEAN	55.9914
LOWER 95% LIMIT ON THE RANGE	22.8281
UPPER 95% LIMIT ON THE RANGE	114.0518
MINIMUM VALUE	24.0000
25TH PERCENTILE OR 1ST QUARTILE	38.0000
50TH PERCENTILE OR MEDIAN	52.0000
75TH PERCENTILE OR 3RD QUARTILE	64.0000
80TH PERCENTILE	72.0000
90TH PERCENTILE	86.0000
95TH PERCENTILE	100.0000
98TH PERCENTILE	134.0000
99TH PERCENTILE	148.0000
MAXIMUM VALUE	148.0000

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

HISTOGRAM



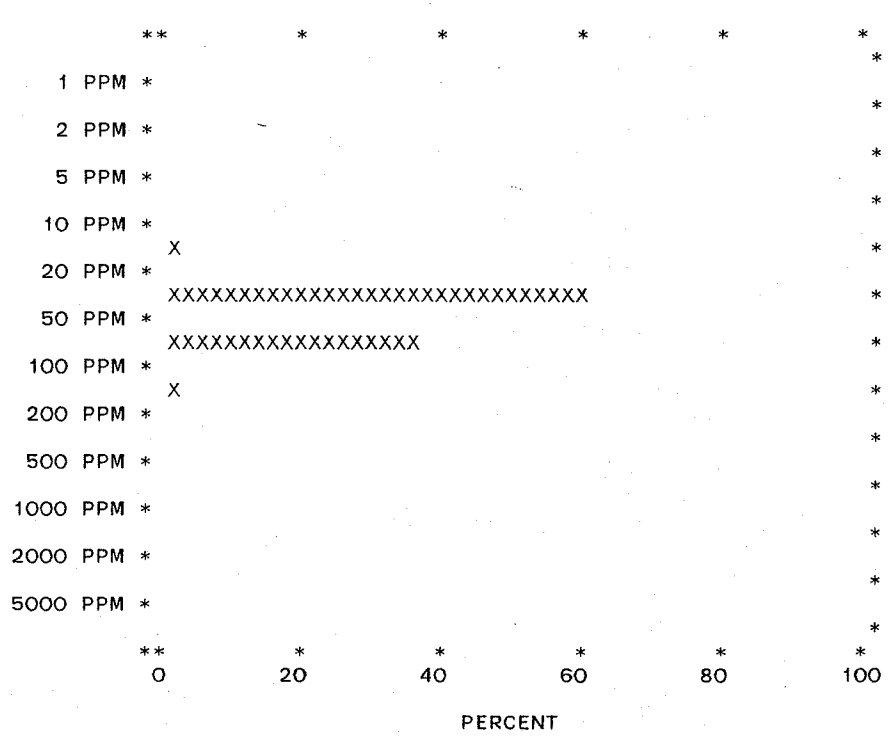
	N	%	CUM %
10 PPB			
20 PPB			
50 PPB			
100 PPB			
200 PPB			
500 PPB			
1 PPM	33	44.00	44.00
2 PPM	34	45.33	89.33
5 PPM	7	9.33	98.67
10 PPM	1	1.33	100.00
20 PPM			
50 PPM			

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	1.8267
VARIANCE	1.2533
STANDARD DEVIATION	1.1195
SKEW	2.3233
EXCESS KURTOSIS	6.4544
COEFFICIENT OF VARIATION, %	61.2878
STANDARD ERROR OF THE MEAN	.1293
LOWER 95% LIMIT ON THE MEAN	1.5692
UPPER 95% LIMIT ON THE MEAN	2.0842
LOWER 95% LIMIT ON THE RANGE	-.4034
UPPER 95% LIMIT ON THE RANGE	4.0568
GEOMETRIC MEAN	1.6013
LOG10 MEAN	.2045
LOG10 VARIANCE	.0447
LOG10 STANDARD DEVIATION	.2114
STANDARD ERROR ON THE MEAN	.0244
LOWER 95% LIMIT ON THE MEAN	1.4317
UPPER 95% LIMIT ON THE MEAN	1.7910
LOWER 95% LIMIT ON THE RANGE	.6074
UPPER 95% LIMIT ON THE RANGE	4.2216
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	3.0000
95TH PERCENTILE	5.0000
98TH PERCENTILE	5.0000
99TH PERCENTILE	7.0000
MAXIMUM VALUE	7.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
NI	PPM	TOTAL

HISTOGRAM



	N	%	CUM %
X	1	1.33	1.33
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	45	60.00	61.33
XXXXXXXXXXXXXXXXXX	27	36.00	97.33
X	2	2.67	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	51.2133
VARIANCE	413.9809
STANDARD DEVIATION	20.3465
SKEW	1.5339
EXCESS KURTOSIS	3.1450
COEFFICIENT OF VARIATION, %	39.7290
STANDARD ERROR OF THE MEAN	2.3494
LOWER 95% LIMIT ON THE MEAN	46.5333
UPPER 95% LIMIT ON THE MEAN	55.8934
LOWER 95% LIMIT ON THE RANGE	10.6831
UPPER 95% LIMIT ON THE RANGE	91.7436
GEOMETRIC MEAN	47.8614
LOG10 MEAN	1.6800
LOG10 VARIANCE	.0251
LOG10 STANDARD DEVIATION	.1585
STANDARD ERROR ON THE MEAN	.0183
LOWER 95% LIMIT ON THE MEAN	44.0067
UPPER 95% LIMIT ON THE MEAN	52.0538
LOWER 95% LIMIT ON THE RANGE	23.1299
UPPER 95% LIMIT ON THE RANGE	99.0368
MINIMUM VALUE	17.0000
25TH PERCENTILE OR 1ST QUARTILE	40.0000
50TH PERCENTILE OR MEDIAN	47.0000
75TH PERCENTILE OR 3RD QUARTILE	56.0000
80TH PERCENTILE	60.0000
90TH PERCENTILE	80.0000
95TH PERCENTILE	98.0000
98TH PERCENTILE	106.0000
99TH PERCENTILE	134.0000
MAXIMUM VALUE	134.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CO	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
	** * * * * *			
	*			
10 PPB	*			
	*			
20 PPB	*			
	*			
50 PPB	*			
	*			
100 PPB	*			
	*			
200 PPB	*			
	*			
500 PPB	*			
	X *	1	1.33	1.33
1 PPM	*			
	*			
2 PPM	*			
	XXXXX *	7	9.33	10.67
5 PPM	*			
	XXXXXXXXXXXXXXXXXXXXXX *	34	45.33	56.00
10 PPM	*			
	XXXXXXXXXXXXXXXXXX *	28	37.33	93.33
20 PPM	*			
	XXX *	5	6.67	100.00
50 PPM	*			
	*			
100 PPM	*			
	*			
200 PPM	*			
	*			
500 PPM	*			
	*			
	** * * * * *			
	0 20 40 60 80 100			

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	11.2400
VARIANCE	33.5362
STANDARD DEVIATION	5.7910
SKEW	1.2496
EXCESS KURTOSIS	1.6322
COEFFICIENT OF VARIATION, %	51.5218
STANDARD ERROR OF THE MEAN	.6687
LOWER 95% LIMIT ON THE MEAN	9.9080
UPPER 95% LIMIT ON THE MEAN	12.5720
LOWER 95% LIMIT ON THE RANGE	-.2958
UPPER 95% LIMIT ON THE RANGE	22.7758
GEOMETRIC MEAN	9.8787
LOG10 MEAN	.9947
LOG10 VARIANCE	.0544
LOG10 STANDARD DEVIATION	.2333
STANDARD ERROR ON THE MEAN	.0269
LOWER 95% LIMIT ON THE MEAN	8.7305
UPPER 95% LIMIT ON THE MEAN	11.1780
LOWER 95% LIMIT ON THE RANGE	3.3883
UPPER 95% LIMIT ON THE RANGE	28.8016
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	7.0000
50TH PERCENTILE OR MEDIAN	10.0000
75TH PERCENTILE OR 3RD QUARTILE	14.0000
80TH PERCENTILE	15.0000
90TH PERCENTILE	18.0000
95TH PERCENTILE	24.0000
98TH PERCENTILE	28.0000
99TH PERCENTILE	30.0000
MAXIMUM VALUE	30.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
	** * * * * *			
	*			
1 PPB	*			
	*			
2 PPB	*			
	*			
5 PPB	*			
	*			
10 PPB	*			
	*			
20 PPB	*			
	*			
50 PPB	*			
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX *	65	86.67	86.67
100 PPB	*			
	XXXX *	6	8.00	94.67
200 PPB	*			
	XXX *	4	5.33	100.00
500 PPB	*			
	*			
1 PPM	*			
	*			
2 PPM	*			
	*			
5 PPM	*			
	*			
	** * * * * *			
	0 20 40 60 80 100			

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	.1200
VARIANCE	.0032
STANDARD DEVIATION	.0569
SKEW	3.0936
EXCESS KURTOSIS	9.4375
COEFFICIENT OF VARIATION, %	47.4579
STANDARD ERROR OF THE MEAN	.0066
LOWER 95% LIMIT ON THE MEAN	.1069
UPPER 95% LIMIT ON THE MEAN	.1331
LOWER 95% LIMIT ON THE RANGE	.0066
UPPER 95% LIMIT ON THE RANGE	.2334
GEOMETRIC MEAN	.1125
LOG10 MEAN	-.9488
LOG10 VARIANCE	.0188
LOG10 STANDARD DEVIATION	.1372
STANDARD ERROR ON THE MEAN	.0158
LOWER 95% LIMIT ON THE MEAN	.1046
UPPER 95% LIMIT ON THE MEAN	.1210
LOWER 95% LIMIT ON THE RANGE	.0600
UPPER 95% LIMIT ON THE RANGE	.2111
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1000
90TH PERCENTILE	.2000
95TH PERCENTILE	.3000
98TH PERCENTILE	.3000
99TH PERCENTILE	.4000
MAXIMUM VALUE	.4000

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

HISTOGRAM

		N	%	CUM %
10 PPM				
20 PPM				
50 PPM				
100 PPM	XXXXXXXXX	13	17.33	17.33
200 PPM	XXXXXXXXXXXXXXXXXXXXX	32	42.67	60.00
500 PPM	XXXXXXXXXXXXX	19	25.33	85.33
1000 PPM	XXXX	6	8.00	93.33
2000 PPM	XX	3	4.00	97.33
5000 PPM	X	1	1.33	98.67
1 PCT				
2 PCT				
5 PCT	X	1	1.33	100.00
10 PCT				
20 PCT				
50 PCT				

0 20 40 60 80 100

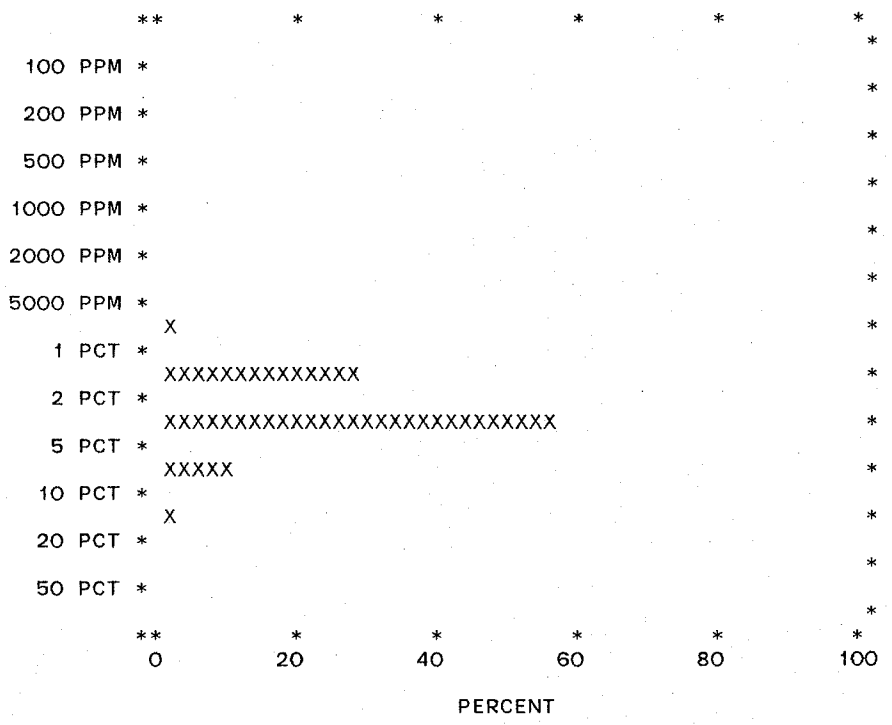
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	1125.2667
VARIANCE	**********
STANDARD DEVIATION	3665.1513
SKEW	7.4514
EXCESS KURTOSIS	57.5985
COEFFICIENT OF VARIATION, %	325.7140
STANDARD ERROR OF THE MEAN	423.2152
LOWER 95% LIMIT ON THE MEAN	282.2219
UPPER 95% LIMIT ON THE MEAN	1968.3114
LOWER 95% LIMIT ON THE RANGE	-6175.7148
UPPER 95% LIMIT ON THE RANGE	8426.2481
GEOMETRIC MEAN	484.6967
LOG10 MEAN	2.6855
LOG10 VARIANCE	.1687
LOG10 STANDARD DEVIATION	.4108
STANDARD ERROR ON THE MEAN	.0474
LOWER 95% LIMIT ON THE MEAN	389.9257
UPPER 95% LIMIT ON THE MEAN	602.5017
LOWER 95% LIMIT ON THE RANGE	73.6510
UPPER 95% LIMIT ON THE RANGE	3189.7878
MINIMUM VALUE	150.0000
25TH PERCENTILE OR 1ST QUARTILE	250.0000
50TH PERCENTILE OR MEDIAN	420.0000
75TH PERCENTILE OR 3RD QUARTILE	635.0000
80TH PERCENTILE	930.0000
90TH PERCENTILE	1200.0000
95TH PERCENTILE	4100.0000
98TH PERCENTILE	7400.0000
99TH PERCENTILE	31000.0000
MAXIMUM VALUE	31000.0000

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

HISTOGRAM



	N	%	CUM %
X	2	2.67	2.67
XXXXXXXXXXXXX	21	28.00	30.67
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	42	56.00	86.67
XXXXX	8	10.67	97.33
X	2	2.67	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	3.2000
VARIANCE	4.7233
STANDARD DEVIATION	2.1733
SKEW	2.1022
EXCESS KURTOSIS	4.5424
COEFFICIENT OF VARIATION, %	67.9162
STANDARD ERROR OF THE MEAN	.2510
LOWER 95% LIMIT ON THE MEAN	2.7001
UPPER 95% LIMIT ON THE MEAN	3.6999
LOWER 95% LIMIT ON THE RANGE	-1.1292
UPPER 95% LIMIT ON THE RANGE	7.5292
GEOMETRIC MEAN	2.7112
LOG10 MEAN	.4332
LOG10 VARIANCE	.0576
LOG10 STANDARD DEVIATION	.2399
STANDARD ERROR ON THE MEAN	.0277
LOWER 95% LIMIT ON THE MEAN	2.3877
UPPER 95% LIMIT ON THE MEAN	3.0785
LOWER 95% LIMIT ON THE RANGE	.9021
UPPER 95% LIMIT ON THE RANGE	8.1480
MINIMUM VALUE	.8000
25TH PERCENTILE OR 1ST QUARTILE	1.9500
50TH PERCENTILE OR MEDIAN	2.5500
75TH PERCENTILE OR 3RD QUARTILE	3.6500
80TH PERCENTILE	4.0000
90TH PERCENTILE	5.9000
95TH PERCENTILE	8.9000
98TH PERCENTILE	10.5000
99TH PERCENTILE	12.0000
MAXIMUM VALUE	12.0000

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

HISTOGRAM

		N	%	CUM %
10 PPB				
20 PPB				
50 PPB				
100 PPB				
200 PPB				
500 PPB	XXXXX	8	10.67	10.67
1 PPM	XXXX	6	8.00	18.67
2 PPM	XXXXXXXXXXXXXXX	24	32.00	50.67
5 PPM	XXXXXXXXXXXXXXXX	25	33.33	84.00
10 PPM	XXXXX	8	10.67	94.67
20 PPM	XXX	4	5.33	100.00
50 PPM				
100 PPM				
200 PPM				
500 PPM				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	7.3867
VARIANCE	61.4566
STANDARD DEVIATION	7.8394
SKEW	3.0341
EXCESS KURTOSIS	10.6300
COEFFICIENT OF VARIATION, %	106.1294
STANDARD ERROR OF THE MEAN	.9052
LOWER 95% LIMIT ON THE MEAN	5.5835
UPPER 95% LIMIT ON THE MEAN	9.1899
LOWER 95% LIMIT ON THE RANGE	-8.2295
UPPER 95% LIMIT ON THE RANGE	23.0028
GEOMETRIC MEAN	5.0615
LOG10 MEAN	.7043
LOG10 VARIANCE	.1446
LOG10 STANDARD DEVIATION	.3802
STANDARD ERROR ON THE MEAN	.0439
LOWER 95% LIMIT ON THE MEAN	4.1384
UPPER 95% LIMIT ON THE MEAN	6.1906
LOWER 95% LIMIT ON THE RANGE	.8850
UPPER 95% LIMIT ON THE RANGE	28.9497
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	3.0000
50TH PERCENTILE OR MEDIAN	5.0000
75TH PERCENTILE OR 3RD QUARTILE	9.0000
80TH PERCENTILE	10.0000
90TH PERCENTILE	13.0000
95TH PERCENTILE	22.0000
98TH PERCENTILE	43.0000
99TH PERCENTILE	44.0000
MAXIMUM VALUE	44.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
W	PPM	TOTAL

HISTOGRAM

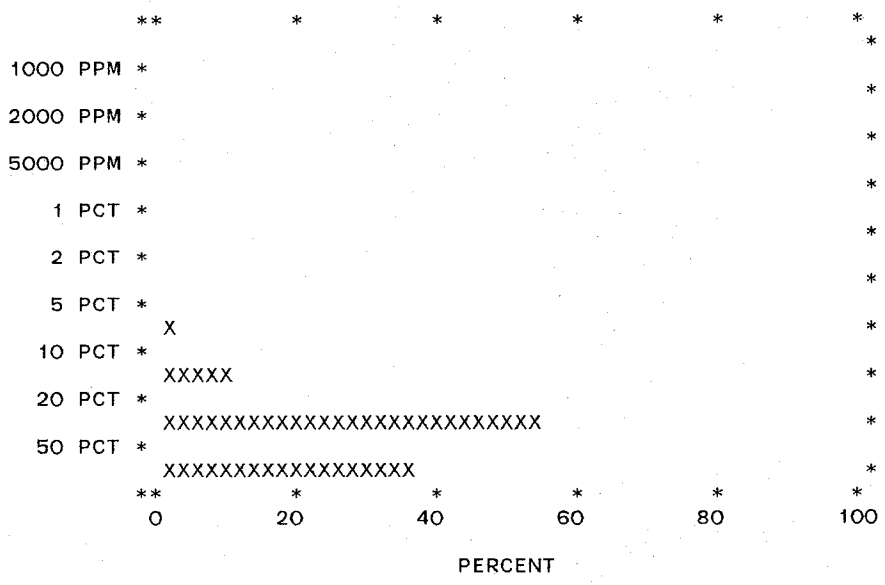
```
                                                                   N      %    CUM %
       **        *         *         *         *         *
                                                          *
100 PPB *
                                                          *
200 PPB *
                                                          *
500 PPB *
                                                          *
  1 PPM *
         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX*   75  100.00  100.00
  2 PPM *
                                                          *
  5 PPM *
                                                          *
 10 PPM *
                                                          *
 20 PPM *
                                                          *
 50 PPM *
                                                          *
       **        *         *         *         *         *
        0       20        40        60        80       100

                          PERCENT
```

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	2.0000
VARIANCE	.0000
STANDARD DEVIATION	.0000
SKEW	**********
EXCESS KURTOSIS	-3.0000
COEFFICIENT OF VARIATION, %	.0000
STANDARD ERROR OF THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
GEOMETRIC MEAN	2.0000
LOG10 MEAN	.3010
LOG10 VARIANCE	.0000
LOG10 STANDARD DEVIATION	.0000
STANDARD ERROR ON THE MEAN	.0000
LOWER 95% LIMIT ON THE MEAN	2.0000
UPPER 95% LIMIT ON THE MEAN	2.0000
LOWER 95% LIMIT ON THE RANGE	2.0000
UPPER 95% LIMIT ON THE RANGE	2.0000
MINIMUM VALUE	2.0000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	2.0000
95TH PERCENTILE	2.0000
98TH PERCENTILE	2.0000
99TH PERCENTILE	2.0000
MAXIMUM VALUE	2.0000

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

HISTOGRAM



	N	%	CUM %
	1	1.33	1.33
	7	9.33	10.67
	40	53.33	64.00
	27	36.00	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	43.3213
VARIANCE	284.2841
STANDARD DEVIATION	16.8607
SKEW	-.2489
EXCESS KURTOSIS	-1.0443
COEFFICIENT OF VARIATION, %	38.9201
STANDARD ERROR OF THE MEAN	1.9469
LOWER 95% LIMIT ON THE MEAN	39.4431
UPPER 95% LIMIT ON THE MEAN	47.1996
LOWER 95% LIMIT ON THE RANGE	9.7348
UPPER 95% LIMIT ON THE RANGE	76.9079
GEOMETRIC MEAN	39.2491
LOG10 MEAN	1.5938
LOG10 VARIANCE	.0448
LOG10 STANDARD DEVIATION	.2116
STANDARD ERROR ON THE MEAN	.0244
LOWER 95% LIMIT ON THE MEAN	35.0882
UPPER 95% LIMIT ON THE MEAN	43.9035
LOWER 95% LIMIT ON THE RANGE	14.8711
UPPER 95% LIMIT ON THE RANGE	103.5900
MINIMUM VALUE	7.9000
25TH PERCENTILE OR 1ST QUARTILE	29.0000
50TH PERCENTILE OR MEDIAN	46.6000
75TH PERCENTILE OR 3RD QUARTILE	58.9000
80TH PERCENTILE	62.3000
90TH PERCENTILE	65.1000
95TH PERCENTILE	67.2000
98TH PERCENTILE	68.3000
99TH PERCENTILE	68.4000
MAXIMUM VALUE	68.4000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U	PPM	TOTAL

HISTOGRAM

		N	%	CUM %
10 PPB				
20 PPB				
50 PPB				
100 PPB				
200 PPB				
500 PPB				
1 PPM	X	1	1.33	1.33
2 PPM	XXXXXXXXXX	15	20.00	21.33
5 PPM	XXXXXXXXXXXXXXXXXXXXXXXX	36	48.00	69.33
10 PPM	XXXXXXXXXXX	16	21.33	90.67
20 PPM	XXX	5	6.67	97.33
50 PPM	X	2	2.67	100.00
100 PPM				
200 PPM				
500 PPM				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	4.7760
VARIANCE	19.8164
STANDARD DEVIATION	4.4516
SKEW	2.5450
EXCESS KURTOSIS	6.8625
COEFFICIENT OF VARIATION, %	93.2070
STANDARD ERROR OF THE MEAN	.5140
LOWER 95% LIMIT ON THE MEAN	3.7521
UPPER 95% LIMIT ON THE MEAN	5.7999
LOWER 95% LIMIT ON THE RANGE	-4.0915
UPPER 95% LIMIT ON THE RANGE	13.6435
GEOMETRIC MEAN	3.6230
LOG10 MEAN	.5591
LOG10 VARIANCE	.0924
LOG10 STANDARD DEVIATION	.3039
STANDARD ERROR ON THE MEAN	.0351
LOWER 95% LIMIT ON THE MEAN	3.0844
UPPER 95% LIMIT ON THE MEAN	4.2557
LOWER 95% LIMIT ON THE RANGE	.8988
UPPER 95% LIMIT ON THE RANGE	14.6039
MINIMUM VALUE	.7000
25TH PERCENTILE OR 1ST QUARTILE	2.3000
50TH PERCENTILE OR MEDIAN	3.0000
75TH PERCENTILE OR 3RD QUARTILE	5.5000
80TH PERCENTILE	6.4000
90TH PERCENTILE	8.6000
95TH PERCENTILE	14.8000
98TH PERCENTILE	21.3000
99TH PERCENTILE	24.5000
MAXIMUM VALUE	24.5000

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

HISTOGRAM

		N	%	CUM %
1 PPT				
2 PPT				
5 PPT				
10 PPT				
20 PPT	XXXXXXXXX	14	18.67	18.67
50 PPT	XXXXX	7	9.33	28.00
100 PPT	XXXXXXXXXX	15	20.00	48.00
200 PPT	XXXXXXXXXXXXXXXXX	25	33.33	81.33
500 PPT	XXXXXXXX	12	16.00	97.33
1 PPB	X	1	1.33	98.67
2 PPB	X	1	1.33	100.00
5 PPB				
10 PPB				
20 PPB				
50 PPB				

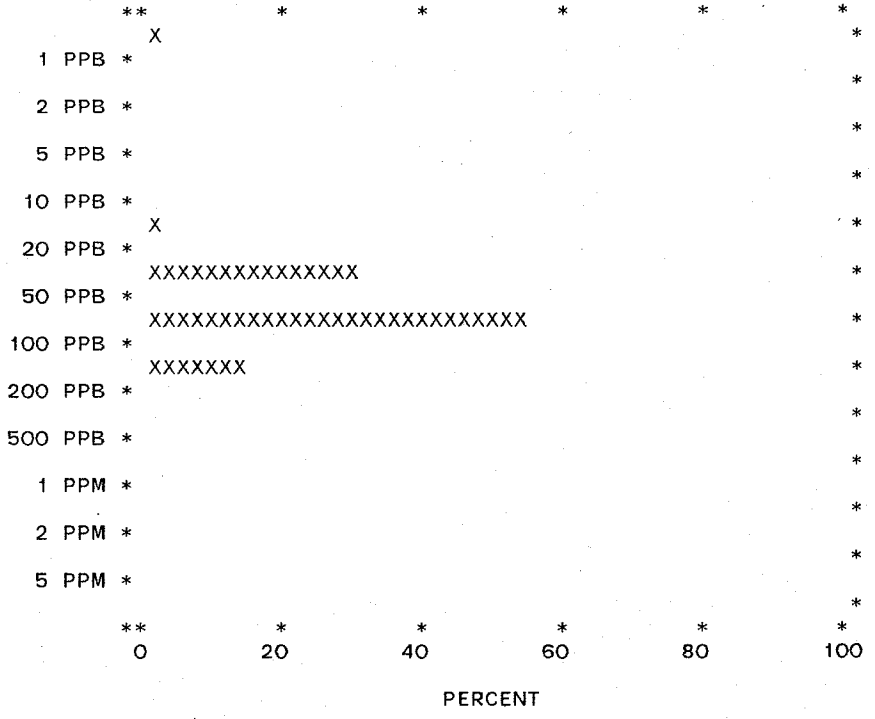
0 20 40 60 80 100
PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	0
NUMBER OF NON-ZERO SAMPLES	75
ARITHMETIC MEAN	.3363
VARIANCE	.1451
STANDARD DEVIATION	.3810
SKEW	3.9359
EXCESS KURTOSIS	21.8150
COEFFICIENT OF VARIATION, %	113.2884
STANDARD ERROR OF THE MEAN	.0440
LOWER 95% LIMIT ON THE MEAN	.2486
UPPER 95% LIMIT ON THE MEAN	.4239
LOWER 95% LIMIT ON THE RANGE	-.4226
UPPER 95% LIMIT ON THE RANGE	1.0951
GEOMETRIC MEAN	.2152
LOG10 MEAN	-.6672
LOG10 VARIANCE	.1784
LOG10 STANDARD DEVIATION	.4224
STANDARD ERROR ON THE MEAN	.0488
LOWER 95% LIMIT ON THE MEAN	.1720
UPPER 95% LIMIT ON THE MEAN	.2691
LOWER 95% LIMIT ON THE RANGE	.0310
UPPER 95% LIMIT ON THE RANGE	1.4936
MINIMUM VALUE	.0500
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.2200
75TH PERCENTILE OR 3RD QUARTILE	.4400
80TH PERCENTILE	.5000
90TH PERCENTILE	.6000
95TH PERCENTILE	.9000
98TH PERCENTILE	1.3000
99TH PERCENTILE	2.8000
MAXIMUM VALUE	2.8000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
F-W	PPB	TOTAL

HISTOGRAM



	N	%	CUM %
X	1	1.33	1.33
XXXXXXXXXXXXXX	22	29.33	32.00
XXXXXXXXXXXXXXXXXXXXXXXXXXX	40	53.33	85.33
XXXXXXX	11	14.67	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	75
NUMBER OF ZERO VALUE SAMPLES	1
NUMBER OF NON-ZERO SAMPLES	74
ARITHMETIC MEAN	71.7432
VARIANCE	1107.0702
STANDARD DEVIATION	33.2727
SKEW	.6562
EXCESS KURTOSIS	-.0259
COEFFICIENT OF VARIATION, %	46.3774
STANDARD ERROR OF THE MEAN	3.8679
LOWER 95% LIMIT ON THE MEAN	64.0364
UPPER 95% LIMIT ON THE MEAN	79.4501
LOWER 95% LIMIT ON THE RANGE	5.4464
UPPER 95% LIMIT ON THE RANGE	138.0401
GEOMETRIC MEAN	64.1154
LOG10 MEAN	1.8070
LOG10 VARIANCE	.0457
LOG10 STANDARD DEVIATION	.2138
STANDARD ERROR ON THE MEAN	.0249
LOWER 95% LIMIT ON THE MEAN	57.2049
UPPER 95% LIMIT ON THE MEAN	71.8607
LOWER 95% LIMIT ON THE RANGE	24.0379
UPPER 95% LIMIT ON THE RANGE	171.0124
MINIMUM VALUE	20.0000
25TH PERCENTILE OR 1ST QUARTILE	44.0000
50TH PERCENTILE OR MEDIAN	68.0000
75TH PERCENTILE OR 3RD QUARTILE	91.0000
80TH PERCENTILE	92.0000
90TH PERCENTILE	120.0000
95TH PERCENTILE	140.0000
98TH PERCENTILE	165.0000
99TH PERCENTILE	165.0000
MAXIMUM VALUE	165.0000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN		GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN	
TOTAL	ZN	PPM	75	103.	36.8	35.8	1.13	2.50	94.4	111.	96.9	1.9863	.1526	89.4	105.
TOTAL	CU	PPM	75	55.4	24.1	43.5	1.43	2.78	49.9	61.0	51.0	1.7078	.1754	46.5	56.0
TOTAL	PB	PPM	75	1.83	1.12	61.3	2.32	6.45	1.57	2.08	1.60	.2045	.2114	1.43	1.79
TOTAL	NI	PPM	75	51.2	20.3	39.7	1.53	3.15	46.5	55.9	47.9	1.6800	.1585	44.0	52.1
TOTAL	CO	PPM	75	11.2	5.79	51.5	1.25	1.63	9.91	12.6	9.88	.9947	.2333	8.73	11.2
TOTAL	AG	PPM	75	.120	.569E-01	47.5	3.09	9.44	.107	.133	.113	-.9488	.1372	.105	.121
TOTAL	MN	PPM	75	.113E+04	.367E+04	325.7	7.45	57.60	282.	.197E+04	485.	2.6855	.4108	390.	603.
TOTAL	FE	PCT	75	3.20	2.17	67.9	2.10	4.54	2.70	3.70	2.71	.4332	.2399	2.39	3.08
TOTAL	MO	PPM	75	7.39	7.84	106.1	3.03	10.63	5.58	9.19	5.06	.7043	.3802	4.14	6.19
TOTAL	W	PPM	75	2.00	.157E-06	.0*******		-3.00	2.00	2.00	2.00	.3010	.0000	2.00	2.00
TOTAL	LOI	PCT	75	43.3	16.9	38.9	-.25	-1.04	39.4	47.2	39.2	1.5938	.2116	35.1	43.9
TOTAL	U	PPM	75	4.78	4.45	93.2	2.55	6.86	3.75	5.80	3.62	.5591	.3039	3.08	4.26
TOTAL	U-W	PPB	75	.336	.381	113.3	3.94	21.81	.249	.424	.215	-.6672	.4224	.172	.269
TOTAL	F-W	PPB	74	71.7	33.3	46.4	.66	-.03	64.0	79.5	64.1	1.8070	.2138	57.2	71.9

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TOTAL	ZN	PPM	75	42.000	78.000	100.000	120.000	130.000	150.000	166.000	200.000	250.000	250.000
TOTAL	CU	PPM	75	24.000	38.000	52.000	64.000	72.000	86.000	100.000	134.000	148.000	148.000
TOTAL	PB	PPM	75	1.000	1.000	2.000	2.000	2.000	3.000	5.000	5.000	7.000	7.000
TOTAL	NI	PPM	75	17.000	40.000	47.000	56.000	60.000	80.000	98.000	106.000	134.000	134.000
TOTAL	CO	PPM	75	1.000	7.000	10.000	14.000	15.000	18.000	24.000	28.000	30.000	30.000
TOTAL	AG	PPM	75	.100	.100	.100	.100	.100	.200	.300	.300	.400	.400
TOTAL	MN	PPM	75	150.000	250.000	420.000	635.000	930.000	1200.000	4100.000	7400.000	31000.000	31000.000
TOTAL	FE	PCT	75	.800	1.950	2.550	3.650	4.000	5.900	8.900	10.500	12.000	12.000
TOTAL	MO	PPM	75	1.000	3.000	5.000	9.000	10.000	13.000	22.000	43.000	44.000	44.000
TOTAL	W	PPM	75	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
TOTAL	LOI	PCT	75	7.900	29.000	46.600	58.900	62.300	65.100	67.200	68.300	68.400	68.400
TOTAL	U	PPM	75	.700	2.300	3.000	5.500	6.400	8.600	14.800	21.300	24.500	24.500
TOTAL	U-W	PPB	75	.050	.100	.220	.440	.500	.600	.900	1.300	2.800	2.800
TOTAL	F-W	PPB	74	20.000	44.000	68.000	91.000	92.000	120.000	140.000	165.000	165.000	165.000

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	
TILL	ZN	PPM	55	103.	31.9	30.8	.45	.57	94.7	112.	98.3	1.9927	.1425	90.0	107.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	ZN	PPM	55	42.000	88.000	102.000	120.000	130.000	136.000	164.000	200.000	200.000	200.000

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	
TILL	CU	PPM	55	53.2	19.2	36.0	.45	-.44	48.0	58.3	49.8	1.6969	.1622	45.0	55.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	CU	PPM	55	24.000	38.000	54.000	64.000	72.000	80.000	88.000	100.000	100.000	100.000

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	
TILL	PB	PPM	55	1.89	1.24	65.7	2.20	5.05	1.56	2.23	1.63	.2122	.2233	1.42	1.87

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	PB	PPM	55	1.000	1.000	2.000	2.000	2.000	4.000	5.000	7.000	7.000	7.000

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	
TILL	NI	PPM	55	50.7	18.0	35.5	1.17	1.18	45.8	55.5	47.9	1.6807	.1436	43.8	52.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	NI	PPM	55	25.000	40.000	46.000	56.000	60.000	80.000	90.000	106.000	106.000	106.000

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	
TILL	CO	PPM	55	11.2	5.68	50.5	1.12	1.38	9.70	12.8	9.84	.9931	.2429	8.46	11.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	CO	PPM	55	1.000	8.000	10.000	14.000	15.000	17.000	24.000	28.000	28.000	28.000

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	
TILL	AG	PPM	55	.113	.511E-01	45.3	4.41	19.54	.989E-01	.127	.107	-.9694	.1155	.999E-01	.115

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	AG	PPM	55	.100	.100	.100	.100	.100	.100	.200	.400	.400	.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	
TILL	MN	PPM	55	.126E+04	.424E+04	336.1	6.51	42.80	116.	.241E+04	481.	2.6821	.4304	368.	629.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	MN	PPM	55	150.000	240.000	410.000	620.000	810.000	1350.000	4100.000	31000.000	31000.000	31000.000

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	
TILL	FE	PCT	55	3.29	2.27	69.1	2.11	4.45	2.67	3.90	2.78	.4435	.2429	2.39	3.23

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	FE	PCT	55	.800	2.000	2.700	3.650	4.000	5.900	8.900	12.000	12.000	12.000

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	
TILL	MO	PPM	55	6.05	5.58	92.1	2.12	5.49	4.55	7.56	4.24	.6274	.3782	3.35	5.37

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	MO	PPM	55	1.000	3.000	5.000	8.000	9.000	13.000	18.000	30.000	30.000	30.000

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	
TILL	W	PPM	55	2.00	.184E-06	.0	0.00	-3.00	2.00	2.00	2.00	.3010	.0000	2.00	2.00

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	W	PPM	55	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

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	
TILL	LOI	PCT	55	43.1	17.7	41.1	-.30	-1.14	38.3	47.9	38.5	1.5856	.2287	33.4	44.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	LOI	PCT	55	7.900	28.700	48.100	59.600	62.300	65.100	67.200	68.400	68.400	68.400

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	
TILL	U	PPM	55	4.33	4.54	105.0	2.94	8.86	3.10	5.55	3.24	.5102	.2943	2.70	3.89

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	U	PPM	55	1.300	2.000	2.700	5.200	5.500	7.700	14.000	24.500	24.500	24.500

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	
TILL	U-W	PPB	55	.300	.393	131.3	4.80	27.94	.193	.406	.189	-.7243	.4157	.146	.244

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	U-W	PPB	55	.050	.100	.200	.420	.440	.520	.660	2.800	2.800	2.800

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	
TILL	F-W	PPB	54	69.9	33.0	47.1	.77	.12	60.9	78.9	62.6	1.7966	.2097	54.9	71.4

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TILL	F-W	PPB	54	22.000	44.000	66.000	86.000	91.000	120.000	140.000	165.000	165.000	165.000

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	W	LOI	U	U-W	F-W
1040	787006	TILL	4									*			*		
1040	787011	TILL	5									+			*	*	
1040	787012	TILL	11		+			+				+			***	***	
1040	787028	TILL	5	+	+							*			+		
1040	787032	TILL	6		*				***								
1040	787034	TILL	9									***		***	+		
1040	787036	TILL	10	+		*	*	*	*	+							
1040	787056	TILL	11	*			*	***		*	+						
1040	787057	TILL	13	*			***	***		*	+						
1040	787058	TILL	9	+			+	+		***	*						
1040	787062	TILL	10	***	***		+	+									
1040	787064	TILL	5							+	***						
1040	787068	TILL	4														***
1040	787076	TILL	5			*		+									*
1040	787088	TILL	4			***											