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NATIONAL GEOCHEMICAL RECONNAISSANCE 1:250 000 MAP SERIES

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(N.T.S. 103I and part of 103J)

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AVAILABLE FOR REFERENCE AT:

- ALL LIBRARIES OF THE GEOLOGICAL SURVEY OF CANADA
- BRITISH COLUMBIA MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES, VICTORIA, BRITISH COLUMBIA

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REGIONAL GEOCHEMICAL SURVEYS 1 AND 2 WERE MANAGED AND FUNDED BY THE BRITISH COLUMBIA MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES; DATA MANAGEMENT BY THE GEOLOGICAL SURVEY OF CANADA.

REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, BRITISH COLUMBIA, 1978

BC RGS-1, GEOLOGICAL SURVEY OF CANADA OPEN FILE 772, NTS 103I

THE 1978 RECONNAISSANCE SURVEY WAS UNDERTAKEN BY THE BRITISH COLUMBIA MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES USING THE METHODS OF SAMPLE COLLECTION AND ANALYSES ESTABLISHED BY THE GEOLOGICAL SURVEY OF CANADA DURING THE FEDERAL-PROVINCIAL JOINT URANIUM RECONNAISSANCE PROGRAM.

CONTRACTS LET FOR SAMPLE COLLECTION, PREPARATION, AND ANALYSES WERE SUPERVISED AND/OR MONITORED BY STAFF OF THE MINISTRY AS FOLLOWS:

COLLECTION - STAFF AND EQUIPMENT PROVIDED BY STOKES EXPLORATION MANAGEMENT CO. LTD., VANCOUVER.
SUPERVISION - T. E. KALNINS, N. C. CARTER, W. M. JOHNSON.
PREPARATION - MINEN LABORATORIES LTD.
SUPERVISION - W. M. JOHNSON.
ANALYTICAL - CHEMEX LABS. LTD., NORTH VANCOUVER (STREAM SEDIMENTS).
BONDAR-CLEGG & COMPANY LTD., NORTH VANCOUVER (STREAM WATERS).
NOVATRACK ANALYSTS LIMITED, VANCOUVER (URANIUM IN STREAM SEDIMENTS).
SUPERVISION - W. M. JOHNSON.

THE GEOLOGICAL SURVEY OF CANADA WAS RESPONSIBLE FOR DATA MANAGEMENT.

FEDERAL LIAISON WAS WITH E.H.W. HORNBROOK AND S. B. BALLANTYNE, RESOURCE GEOCHEMISTRY SUBSECTION, GEOLOGICAL SURVEY OF CANADA.

REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, BRITISH COLUMBIA, 1978

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STREAM SEDIMENT AND WATER SAMPLES WERE COLLECTED AT AN AVERAGE DENSITY OF ONE SAMPLE PER 6 SQUARE KILOMETRES (2.3 SQUARE MILES) THROUGHOUT THE 30 000-SQUARE-KILOMETRE (11,600-SQUARE-MILE) TOTAL SURVEY AREA. THE HELICOPTER AND 4-WHEEL-DRIVE TRUCK-SUPPORTED SAMPLE COLLECTION WAS CARRIED OUT DURING THE SUMMER OF 1978.

ONE FIELD DUPLICATE SAMPLE WAS ROUTINELY COLLECTED IN EACH ANALYTICAL BLOCK OF 20 SAMPLES.

FIELD DRIED SAMPLES WERE AIR DRIED AND THE MINUS 80 MESH (177 MICRONS) FRACTION WAS OBTAINED FOR SUBSEQUENT ANALYSES.

FOR CONTROL, A SAMPLE BLOCK OF 20 SILT SAMPLES INCLUDES THE FIELD DUPLICATE AND ONE CONTROL REFERENCE AND ONE BLIND DUPLICATE SAMPLE. IN EACH ANALYTICAL BLOCK OF 20 WATER SAMPLES THE CONTROL REFERENCE AND BLIND DUPLICATE SAMPLE POSITIONS WERE FILLED WITH CONTROL REFERENCE WATER SAMPLES. THE SAMPLE PREPARATION LABORATORY IS RESPONSIBLE FOR INSERTION OF CONTROL SAMPLES.

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

THE DETERMINATION OF U IN STREAM SEDIMENTS WAS CARRIED OUT BY NOVATRACK ANALYSTS LIMITED.

THE DETERMINATION OF U, F, AND pH IN STREAM WATERS WAS CARRIED OUT BY BONDAR-CLEGG & COMPANY LTD.

FOR THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN, AND FE, A 1-GRAM SAMPLE WAS REACTED WITH 3 ML OF CONCENTRATED HNO_3 IN A TEST TUBE FOR 30 MINUTES AT 90° C. AT THIS POINT, 1 ML CONCENTRATED HCL WAS ADDED AND THE DIGESTION WAS CONTINUED AT 90° C 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 ABSORPTION SPECTROSCOPY USING AN AIR-ACETYLENE FLAME.
BACKGROUND CORRECTIONS WERE MADE FOR PB, NI, CO, AND AG.

MOLYBDENUM WAS DETERMINED BY ATOMIC ABSORPTION SPECTROSCOPY USING A NITROUS OXIDE-ACETYLENE FLAME.
A 0.5-GRAM SAMPLE WAS REACTED WITH 1.5 ML CONCENTRATED HNO_3 AT 90° C FOR 30 MINUTES.
AT THIS POINT 0.5 ML CONCENTRATED HCL WAS ADDED AND THE DIGESTION WAS CONTINUED AT 90° C FOR AN ADDITIONAL 90 MINUTES.
AFTER COOLING, 8 ML OF 1 250 PPM AL SOLUTION WERE ADDED AND THE SAMPLE SOLUTION WAS DILUTED TO 10 ML BEFORE ASPIRATION.
MERCURY WAS DETERMINED BY THE HATCH AND OTT PROCEDURE WITH SOME MODIFICATIONS.
THE METHOD IS DESCRIBED BY JONASSON, ET AL. (1973).

A 0.5-GRAM SAMPLE WAS REACTED WITH 20 ML CONCENTRATED HNO_3 AND 1 ML CONCENTRATED HCL IN A TEST TUBE FOR 10 MINUTES AT ROOM TEMPERATURE PRIOR TO 2 HOURS OF DIGESTION WITH MIXING AT 90° C IN A HOT WATER BATH.
AFTER DIGESTION, THE SAMPLE SOLUTIONS WERE COOLED AND DILUTED TO 100 ML WITH METAL-FREE WATER.
THE HG PRESENT WAS REDUCED TO THE ELEMENTAL STATE BY THE ADDITION OF 10 ML W/V $SNSO_4$ IN M H_2SO_4.
THE HG VAPOUR WAS THEN FLUSHED BY A STREAM OF AIR INTO AN ABSORPTION CELL MOUNTED IN THE LIGHT PATH OF AN ATOMIC ABSORPTION SPECTROPHOTOMETER.
ABSORPTION MEASUREMENTS WERE MADE AT 253.7 NM.

ARSENIC WAS DETERMINED BY HYDRIDE GENERATION/ATOMIC ABSORPTION SPECTROSCOPY ON AN ALIQUOT TAKEN FROM THE SAMPLE PREPARED FOR THE BASE METAL ANALYSES.

TUNGSTEN WAS DETERMINED COLOURIMETRICALLY SUBSEQUENT TO A PYROSULFATE FUSION AND A DITHIOCARBONATE COMPLEXING FOR THE GENERATION OF THE COLOUR.
URANIUM WAS DETERMINED USING A NEUTRON ACTIVATION METHOD WITH DELAYED NEUTRON COUNTING.

A DETAILED DESCRIPTION OF THE METHOD IS PROVIDED BY BOULANGER, ET AL. (1975). IN BRIEF, A 1-GRAM SAMPLE IS WEIGHED INTO A 7-DRAM POLYETHYLENE VIAL, CAPPED AND SEALED.

THE IRRADIATION IS PROVIDED BY THE TRIUMF CYCLOTRON WITH AN OPERATING FLUX OF 10^{11} NEUTRONS PER SQUARE CENTIMETRE PER SECOND.

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 20-SECOND DELAY THE SAMPLE IS COUNTED FOR 60 SECONDS WITH SIX BF_3 DETECTOR TUBES EMBEDDED IN PARRAFIN.

FOLLOWING COUNTING, THE SAMPLES ARE AUTOMATICALLY EJECTED INTO A SHIELDED STORAGE CONTAINER.

CALIBRATION IS CARRIED OUT EVERY 40 SAMPLES AS A MINIMUM USING NATURAL MATERIALS OF KNOWN URANIUM CONCENTRATION.

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 NA_2CO_3, K_2CO_3, AND NAF IN A PLATINUM DISH. AFTER COOLING THE FLUORESCENCE OF THE FUSED PELLET WAS MEASURED USING A TURNER 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 STRENGTH ADJUSTMENT BUFFER). THE FLUORIDE WAS MEASURED USING A CORNING 101 ELECTROMETER WITH AN ORION FLUORIDE ELECTRODE.

FOR THE DETERMINATION OF pH AN ALIQUOT OF THE WATER SAMPLE WAS TRANSFERRED TO A CLEAN DRY BEAKER. THE pH WAS MEASURED USING A FISHER ACCUMET pH METER.

ON RECEIPT, FIELD AND ANALYTICAL DATA WERE PUNCHED ONTO 80-COLUMN CARDS AND ALL SUBSEQUENT PROCESSING WAS CARRIED OUT WITH THE AID OF COMPUTERS.
THE FIELD DATA WERE RECORDED BY THE FIELD CONTRACT STAFF ONTO STANDARD GEOCHEMICAL STREAM WATER AND SEDIMENT SAMPLE FIELD CARDS BASED ON FORM REV. 77 USED BY THE GEOLOGICAL SURVEY OF CANADA.
THE SAMPLE SITE POSITIONS WERE SELECTED ON 1:50 000 BASE MAPS AND TRANSFERRED TO 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 BY T. E. KALNINS ON A GEOLOGICAL MAP WITH A MODIFIED LEGEND COMPILED BY T. E. KALNINS AND S. B. BALLANTYNE FOR THE NGS GEOCHEMICAL MAPS AND GEOLOGICAL SOURCES ARE GIVEN IN THE REFERENCES.

REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, BRITISH COLUMBIA, 1978

BC RGS-1, GEOLOGICAL SURVEY OF CANADA OPEN FILE 772, NTS 103I

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

ELEMENT	DETECTION LIMIT (D.L)	VALUE REPORTED IF LESS THAN D.L.
SEDIMENT		
ZN	2	1
CU	2	1
PB	2	1
NI	2	1
CO	2	1
AG	0.2	0.1
MN	5	2
FE	0.02	0.01
AS	1	1
MO	2	1
W	2	1
HG PPB	10	5
U	0.2	0.1
WATER		
U PPB	0.05	0.02
F PPB	20	10

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

DETAILED INSPECTIONS OF THE FIELD AND ANALYTICAL DATA WERE MADE TO CHECK FOR ANY MISSING INFORMATION AND/OR GROSS ERRORS.

THE SAMPLE SITE COORDINATES WERE CHECKED BY PLOTTING SAMPLING LOCATION MAPS ON A FLAT-BED PLOTTER FROM THE DIGITIZED COORDINATES AND THEN OVERLYING THESE OVER THE FIELD CONTRACTOR'S SAMPLE LOCATION BASE MAPS.

QUALITY CONTROL AND MONITORING OF THE ANALYTICAL DATA WAS BASED ON CONTROL REFERENCE AND BLIND DUPLICATE SAMPLES AND CRITERIA STIPULATED IN THE ANALYTICAL CONTRACTS.

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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 (METRES) AT THE SAMPLE SITE
DT-	DEPTH OF STREAM SAMPLED TO NEAREST TENTH OF METRE
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
- GRNT- GRANITE
- MVCC- META VOLCANIC
- SLSN- SILTSTONE
- GNSS- GNEISS
- MSDM- META SEDIMENT

AGE:
- 10- CAMBRIAN
- 33- CARBONIFEROUS UPPER
- 35- CARBONIFEROUS - PERMIAN
- 41- MESOZOIC UNDIVIDED
- 44- TRIASSIC MIDDLE

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
- 2- PROBABLE

BANK:
- 0- UNDIVIDED UNCONSOLIDATED MATERIAL
- 1- ALLUVIAL
- 2- COLLUVIAL (RESIDUAL AND MOUNTAIN SOILS)
- 3- GLACIAL TILL, TILLITE
- 4- GLACIAL OUTWASH, MORAINE

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

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

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

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

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

PRPB:
- 0- FEATURELESS
- 1- RED, BROWN
- 2- WHITE, BUFF
- 6- BLUISH

PHYS:
- 0- PLAIN
- 1- MUSKEG, SWAMPLAND
- 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)
- 6- BASINAL (CLOSED)
- 7- OTHER

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

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

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

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)
AS-	ARSENIC BY FLAMELESS SPECTROSCOPY (PPM)
MO-	MOLYBDENUM BY ATOMIC ABSORPTION SPECTROSCOPY (PPM)
W-	TUNGSTON BY COLORIMETRY USING ZINC DITHIOL (PPM)
HG-	MERCURY BY FLAMELESS SPECTROSCOPY (PPB)
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 COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	781002	9	540393	6029085	GRNT	41	20	3	6	10	02021	220	0051140	90	78	8	8	19	0.1	780	3.45	2.0	3	2	40	19.0	0.10	36	7.8
103I	781003	9	540393	6029085	GRNT	41	20	3	6	20	02021	220	0051140	100	82	6	9	19	0.1	830	3.40	1.0	2	8	5	19.0	0.14	30	7.6
103I	781005	9	541092	6026566	GRNT	41	10	3	6	00	12021	121	0051140	66	26	2	2	5	0.2	630	1.70	0.5	2	2	20	9.0	0.70	100	8.1
103I	781006	9	540816	6026069	GRNT	41	50	8	6	00	02031	120	0051140	64	40	8	9	10	0.1	430	2.45	0.5	1	24	10	6.0	0.10	30	7.3
103I	781007	9	540126	6027283	GRNT	41	30	3	6	00	12021	220	0051140	54	26	4	2	4	0.2	335	1.40	0.5	1	2	20	7.0	0.18	36	6.8
103I	781008	9	538556	6028412	GRNT	41	10	2	6	00	11021	120	0051140	42	22	2	1	3	0.1	260	1.30	0.5	1	9	10	5.0	0.30	52	7.5
103I	781009	9	538937	6029435	GRNT	41	20	2	6	00	11031	220	0051140	44	26	2	4	8	0.1	530	2.05	1.0	1	2	20	3.0	0.05	24	7.6
103I	781010	9	518707	5984002	MVCC	33	20	6	6	00	12031	220	0000110	20	36	1	4	9	0.2	195	0.95	0.5	1	2	40	1.0	0.02	62	7.3
103I	781011	9	518575	5985468	MVCC	33	30	5	6	00	12021	121	0000120	36	30	1	6	8	0.1	445	1.75	1.0	1	2	60	2.0	0.05	30	7.3
103I	781012	9	520075	5991102	TILL	44	60	10	6	00	12016	030	0000120	52	36	2	14	8	0.1	320	2.10	1.0	1	2	20	3.0	0.12	80	7.5
103I	781013	9	520961	5993344	TILL	44	20	5	6	00	11016	021	0007120	46	20	2	10	6	0.2	225	1.45	1.0	1	2	20	2.0	0.10	280	7.8
103I	781014	9	520378	5995587	TILL	44	15	2	6	00	12013	022	0007120	40	14	10	16	5	0.1	305	0.70	1.0	2	2	120	3.0	0.02	200	7.9
103I	781015	9	519298	5998525	MVCC	33	40	4	6	00	11031	130	0051140	48	44	2	6	10	0.2	410	1.80	0.5	2	2	30	2.0	0.02	94	7.5
103I	781016	9	511521	6001711	GRNT	41	20	3	6	00	02032	120	0051140	30	10	4	2	4	0.1	320	1.10	0.5	1	2	10	16.0	0.22	30	7.3
103I	781017	9	512822	6001923	MVCC	33	15	3	6	00	02031	111	0051140	56	106	1	22	14	0.1	400	1.85	0.5	1	2	30	6.0	0.05	10	7.3
103I	781018	9	514333	6001807	MVCC	33	5	1	6	00	02021	111	0051140	48	106	1	28	23	0.2	560	2.65	0.5	1	2	20	3.0	0.02	10	7.1
103I	781019	9	516193	6001615	MVCC	33	8	2	6	00	12021	120	0051140	32	46	1	12	10	0.1	390	1.70	1.0	1	2	10	0.5	0.02	10	7.4
103I	781020	9	509635	5998342	GRNT	41	20	5	6	00	02031	121	0051140	36	10	2	1	3	0.2	510	0.95	0.5	1	2	10	34.0	0.40	10	7.4
103I	781022	9	511394	5997497	GRNT	41	10	1	6	00	02021	120	0052140	42	12	4	1	4	0.1	470	1.10	0.5	3	2	10	9.0	0.20	20	6.8
103I	781023	9	513476	5998324	MVCC	33	10	2	6	00	02021	220	0051140	48	98	1	16	15	0.2	620	2.60	0.5	3	2	30	1.0	0.10	10	7.2
103I	781025	9	516146	5999345	MVCC	33	10	1	6	00	02021	111	0051140	38	64	1	8	13	0.1	700	1.75	0.5	1	2	30	0.5	0.14	44	7.9
103I	781026	9	520455	6003110	TILL	44	20	1	6	10	02021	220	0051130	42	12	1	8	4	0.1	410	1.50	2.0	1	2	20	3.0	0.10	76	8.0
103I	781027	9	520455	6003110	TILL	44	20	1	6	20	02021	220	0051130	42	12	1	9	5	0.2	420	1.55	1.0	1	2	20	3.0	0.10	80	8.0
103I	781028	9	517990	6005354	MVCC	33	50	10	6	00	02036	120	0051130	40	58	1	11	10	0.1	320	2.20	1.0	1	2	10	4.0	0.20	26	7.3
103I	781029	9	506866	6012766	GRNT	41	15	2	6	00	02036	120	0051130	46	22	1	6	8	0.1	440	2.00	0.5	2	2	5	3.0	0.34	10	7.3
103I	781030	9	508006	6013166	GRNT	41	15	2	6	00	12036	220	0051130	40	22	1	4	7	0.1	450	2.15	0.5	5	18	10	9.0	0.24	10	7.3
103I	781031	9	509545	6012839	GRNT	41	30	3	6	00	02041	120	0051130	36	12	3	2	4	0.2	475	1.45	0.5	2	2	10	8.0	0.24	10	7.0
103I	781032	9	511054	6012564	GRNT	41	40	4	6	00	12041	220	0051130	54	38	1	10	10	0.1	620	2.30	0.5	2	2	5	0.5	0.12	10	7.0
103I	781033	9	512912	6012639	GRNT	41	25	3	6	00	12031	220	0051130	42	48	1	12	14	0.1	460	2.60	0.5	2	2	5	2.0	0.14	10	7.3
103I	781034	9	513991	6012543	GRNT	41	30	3	6	00	12031	130	0051130	44	44	1	10	13	0.1	550	2.50	0.5	1	2	10	4.0	0.60	10	7.1
103I	781035	9	515475	6011963	GRNT	41	25	3	6	00	02031	210	0051130	46	30	2	8	10	0.1	590	2.05	0.5	1	2	20	9.0	0.14	10	7.1
103I	781036	9	516527	6011760	GRNT	41	40	5	6	00	02031	220	0051130	38	22	4	8	6	0.2	510	1.55	0.5	1	2	80	5.0	0.18	10	7.1
103I	781037	9	518434	6011306	GRNT	41	15	2	6	00	12021	121	0051130	52	20	6	6	7	0.1	570	1.60	0.5	2	2	20	7.0	0.28	22	7.6
103I	781038	9	519757	6009928	MVCC	33	2	1	6	00	02021	021	0051130	32	16	4	6	5	0.1	290	1.10	0.5	2	2	90	6.0	0.14	160	6.5
103I	781039	9	520399	6010253	MVCC	33	20	1	6	00	02011	220	0051130	52	24	4	5	6	0.1	500	1.40	0.5	5	2	20	6.0	0.46	210	7.9
103I	781040	9	521630	6010797	MVCC	33	40	5	6	00	12026	030	0031130	56	22	2	15	8	0.2	595	2.30	2.0	2	2	20	3.0	0.22	44	7.8
103I	781042	9	522161	6010273	MVCC	33	20	1	6	00	12011	130	0031130	54	18	2	16	6	0.1	510	2.45	4.0	1	2	20	0.5	0.20	190	5.8
103I	781043	9	521348	6007120	GRNT	41	3	1	6	00	02021	111	0031130	68	18	4	24	22	0.2	1500	3.30	0.5	2	2	10	0.5	0.02	320	6.4
103I	781044	9	523071	6002141	MVCC	33	15	1	6	10	12011	220	1131130	48	26	1	11	7	0.1	330	2.95	11.0	3	2	210	1.0	0.02	220	7.4
103I	781045	9	523071	6002141	MVCC	33	15	1	6	20	12011	220	1131130	46	24	1	10	6	0.2	370	2.50	3.0	2	2	290	3.0	0.05	190	7.5
103I	781046	9	522105	6002533	MVCC	33	10	1	6	00	02021	120	0031130	36	32	1	8	6	0.1	345	1.70	2.0	1	2	90	3.0	0.05	220	7.4
103I	781047	9	521324	6004054	GRNT	41	5	1	6	00	02011	120	0031130	54	34	1	12	9	0.1	610	2.45	2.0	2	2	40	3.0	0.16	290	7.5
103I	781048	9	525250	5985329	GRNT	41	20	1	6	00	02021	220	0031110	44	20	2	12	8	0.1	480	2.15	1.0	2	2	30	2.0	0.02	150	7.9
103I	781049	9	526104	5986491	GRNT	41	25	1	6	00	02021	220	0037110	78	32	6	20	13	0.1	760	3.10	0.5	1	2	20	0.5	0.02	120	7.8
103I	781050	9	526061	5987662	GRNT	41	20	1	6	00	02026	120	0037110	42	20	1	10	7	0.1	540	1.85	2.0	1	2	20	3.0	0.02	76	7.9
103I	781051	9	525920	5988307	GRNT	41	20	2	6	00	12011	130	0037110	50	16	2	14	6	0.1	535	2.10	2.0	1	2	20	4.0	0.02	60	7.9
103I	781052	9	522557	6014966	GRNT	41	50	4	6	00	12021	030	0031130	64	24	2	16	10	0.2	640	2.60	1.0	1	2	20	4.0	0.10	54	8.0
103I	781053	9	522851	6015088	TILL	44	10	1	6	00	12011	120	0031130	72	30	5	13	10	0.1	1100	3.10	3.0	1	2	30	3.0	0.05	40	7.7
103I	781054	9	523109	6014593	TILL	44	20	2	6	00	02012	130	0031130	44	8	1	4	5	0.2	720	1.65	0.5	1	2	50	4.0	0.12	92	7.7
103I	781055	9	524778	6013304	TILL	44	60	6	6	00	12021	030	0031130	64	18	2	16	8	0.1	810	2.60	5.0	1	2	30	3.0	0.10	64	7.8

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	781056	9	527719	6010975	TILL	44	20	20	6	00	12011	030	0010130	68	14	1	17	7	0.1	455	2.35	5.0	1	2	20	1.0	0.10	72	8.2
103I	781057	9	527610	6008114	TILL	44	20	2	6	00	12021	220	0200130	64	10	1	14	8	0.1	970	2.55	5.0	1	2	60	1.0	0.10	94	8.1
103I	781059	9	526026	6008798	TILL	44	12	8	6	00	12026	030	0010130	64	22	4	18	8	0.1	575	2.55	2.0	1	2	30	1.0	0.05	60	8.0
103I	781060	9	526224	6009157	TILL	44	5	1	6	00	12016	030	0010130	56	16	3	16	6	0.2	380	2.30	4.0	1	2	30	1.0	0.10	80	8.0
103I	781062	9	525047	6010902	TILL	44	10	5	6	10	12021	030	0010130	66	18	2	18	7	0.1	910	2.50	4.0	1	2	30	2.0	0.02	72	8.0
103I	781063	9	525047	6010902	TILL	44	10	5	6	20	12021	030	0010130	58	16	3	16	7	0.2	880	2.40	3.0	1	2	20	1.0	0.02	60	8.0
103I	781064	9	521412	6013543	GRNT	41	30	3	6	00	12026	030	0031130	42	22	2	13	8	0.1	465	2.10	0.5	1	2	10	5.0	0.02	38	7.9
103I	781065	9	527319	6006739	TILL	44	3	1	6	00	02011	120	0010120	80	30	7	22	14	0.1	900	3.30	4.0	1	7	40	3.0	0.02	170	8.4
103I	781066	9	526358	6006019	TILL	44	15	1	6	00	13011	030	0010120	60	14	3	16	8	0.1	630	2.45	3.0	1	2	30	2.0	0.02	100	6.1
103I	781067	9	524827	6005022	MVCC	33	20	1	6	00	13021	031	0010120	76	120	2	20	10	0.1	350	2.45	0.5	2	4	30	2.0	0.02	140	7.5
103I	781068	9	523946	5999861	MVCC	33	10	1	6	00	12021	120	0010130	70	26	5	18	9	0.1	630	2.90	4.0	1	2	30	0.5	0.02	120	7.5
103I	781069	9	525648	6002597	TILL	44	3	1	6	00	02021	111	0010120	84	24	2	10	13	0.2	1800	2.40	2.0	1	2	20	3.0	0.02	72	7.0
103I	781070	9	531726	5992916	GRNT	41	50	3	6	00	02021	130	0051130	48	40	1	8	10	0.2	490	2.10	0.5	1	2	10	1.0	0.02	28	7.5
103I	781071	9	529795	5992670	GRNT	41	25	1	6	00	12021	220	0030130	86	28	1	12	18	0.1	1850	3.60	0.5	1	2	30	1.0	0.02	26	7.8
103I	781072	9	529268	5991338	GRNT	41	30	2	6	00	12021	220	0030130	56	48	1	8	12	0.1	550	2.60	0.5	1	2	10	0.5	0.02	24	8.0
103I	781073	9	526405	5992648	MVCC	33	10	1	6	00	12011	210	0037120	58	20	2	14	9	0.1	690	2.45	2.0	1	2	20	2.0	0.02	30	8.0
103I	781075	9	526598	5995609	MVCC	33	10	2	6	00	12021	031	0037120	62	20	4	15	10	0.2	830	2.65	2.0	1	2	40	1.0	0.02	38	7.8
103I	781076	9	538087	5991237	GRNT	41	30	2	6	00	02021	030	0051130	52	56	1	36	14	0.1	600	3.00	0.5	1	2	20	4.0	0.02	24	7.8
103I	781077	9	536384	5992374	GRNT	41	40	3	6	00	12031	120	0051130	38	78	1	22	13	0.1	380	2.35	0.5	1	2	10	2.0	0.02	10	7.6
103I	781078	9	535263	5993329	GRNT	41	6	1	6	00	02021	111	0051130	48	42	1	34	15	0.1	850	3.05	0.5	1	2	30	6.0	0.02	24	7.7
103I	781079	9	533727	5994553	GRNT	41	10	1	6	00	12026	030	0051130	24	22	1	16	6	0.1	270	1.65	0.5	1	2	20	4.0	0.20	28	8.3
103I	781080	9	531054	5997310	GRNT	41	90	9	6	00	13036	220	0051130	30	12	2	10	4	0.1	265	1.60	1.0	1	2	10	4.0	0.10	20	7.6
103I	781082	9	531389	5999988	GRNT	41	30	3	6	10	02031	111	0051130	44	8	2	4	5	0.1	530	2.00	0.5	1	2	40	15.0	0.14	26	7.5
103I	781083	9	531389	5999988	GRNT	41	30	3	6	20	02031	111	0051130	40	6	4	3	4	0.1	460	1.85	0.5	1	2	40	14.0	0.20	22	7.3
103I	781084	9	529160	5999475	TILL	44	80	5	6	00	12021	030	0051130	30	10	2	8	4	0.1	255	1.45	1.0	1	2	10	4.0	0.05	24	7.4
103I	781085	9	529663	5999847	TILL	44	50	5	6	00	13021	030	0031120	46	12	4	7	6	0.1	510	2.05	2.0	1	2	40	8.0	0.12	50	7.5
103I	781086	9	528690	6003045	TILL	44	10	1	6	00	22011	030	0031120	38	14	2	12	5	0.1	400	1.80	2.0	1	2	20	1.0	0.02	26	8.1
103I	781087	9	530433	6004171	GRNT	41	30	2	6	00	12011	121	0031120	44	10	3	4	4	0.1	430	1.65	0.5	1	2	40	13.0	0.28	38	7.8
103I	781088	9	530674	6004460	GRNT	41	80	4	6	00	12026	120	0031120	18	8	2	2	4	0.1	165	1.90	0.5	1	28	20	21.0	0.16	24	7.5
103I	781089	9	530491	6008101	GRNT	41	6	1	6	00	13011	120	0051120	38	14	4	8	5	0.1	710	1.65	2.0	1	2	20	4.0	0.05	30	7.8
103I	781090	9	531038	6007754	GRNT	41	20	1	6	00	13021	120	0051120	46	12	2	9	6	0.1	410	1.90	1.0	1	2	30	8.0	0.10	30	7.5
103I	781091	9	531252	6011153	GRNT	41	3	1	6	00	13016	130	0051120	32	14	2	10	5	0.1	310	1.80	2.0	1	2	20	3.0	0.10	44	8.3
103I	781092	9	546174	6017698	MVCC	33	40	5	6	00	02021	220	0051130	70	56	8	26	17	0.2	830	3.35	3.0	2	2	80	3.0	0.02	22	8.0
103I	781093	9	547104	6016383	MVCC	33	20	1	6	00	02031	120	0051130	72	74	3	29	16	0.1	900	3.15	1.0	1	2	10	2.0	0.02	22	7.6
103I	781095	9	543633	6017858	MVCC	33	3	1	6	00	01011	220	0051130	100	74	16	22	15	0.2	800	2.85	1.0	1	2	90	3.0	0.02	52	8.0
103I	781096	9	539936	6017727	MVCC	33	40	3	6	00	12026	130	0051130	100	78	6	19	18	0.1	650	3.40	2.0	1	2	20	2.0	0.02	36	7.8
103I	781097	9	537709	6017665	MVCC	33	10	2	6	00	02021	121	0051130	56	34	4	13	9	0.1	680	2.10	0.5	1	2	30	12.0	0.70	52	8.3
103I	781098	9	536253	6017373	MVCC	33	10	1	6	00	02026	220	0051130	62	14	7	12	7	0.1	710	2.10	0.5	1	2	30	10.0	0.40	50	8.0
103I	781099	9	543397	6017099	MVCC	33	25	2	6	00	02026	220	0051130	106	42	46	25	13	0.1	620	2.90	0.5	3	2	10	5.0	0.02	40	7.7
103I	781100	9	540669	6016448	MVCC	33	30	3	6	00	02031	220	0051130	80	94	13	22	14	0.1	535	3.05	1.0	2	2	10	3.0	0.02	24	7.5
103I	781102	9	533181	6016983	GRNT	41	5	1	6	00	12011	220	0041131	72	6	3	5	6	0.1	890	2.30	0.5	1	2	60	11.0	0.18	50	7.7
103I	781103	9	539869	6016876	GRNT	41	20	2	6	10	02032	220	0041131	68	74	10	20	16	0.1	550	2.90	0.5	4	2	20	3.0	0.02	26	7.1
103I	781104	9	539869	6016876	GRNT	41	20	2	6	20	02032	220	0041131	66	76	10	20	15	0.1	530	2.85	1.0	2	2	30	3.0	0.10	20	7.0
103I	781105	9	532213	6020066	GRNT	41	50	5	6	00	02032	130	0042101	42	12	3	8	6	0.1	340	1.95	0.5	1	2	50	8.0	0.10	44	7.3
103I	781106	9	530373	6021390	GRNT	41	50	2	6	00	02032	130	0042101	40	10	2	7	5	0.1	280	2.15	0.5	1	2	10	10.0	0.10	48	7.3
103I	781107	9	528267	5986535	GRNT	41	15	2	6	00	02021	121	0041111	72	22	1	8	16	0.1	1800	2.90	0.5	2	2	50	1.0	0.02	30	7.5
103I	781108	9	514609	6081810	SLSN	35	30	2	6	00	02036	120	0051141	94	40	2	22	14	0.1	920	3.90	6.0	2	4	30	3.0	0.02	20	7.5
103I	781109	9	516107	6080600	SLSN	35	15	1	6	00	02036	130	0151141	78	24	2	14	10	0.1	580	3.20	7.0	2	2	30	2.0	0.02	10	7.3
103I	781110	9	516436	6078762	SLSN	35	13	1	6	00	12026	130	0051141	86	32	2	18	12	0.1	780	3.45	7.0	1	2	30	3.0	0.12	34	8.1
103I	781111	9	519194	6077231	SLSN	35	3	1	6	00	02036	121	0051341	128	88	6	19	16	0.1	1200	4.60	11.0	1	2	100	2.0	0.14	34	8.2

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	781112	9	517890	6076503	SLSN	35	3	1	6	00	02026	121	0051341	100	42	8	14	12	0.1	1250	3.30	9.0	1	2	90	2.0	0.05	32	8.1
103I	781113	9	518601	6073953	SLSN	35	3	1	6	00	02031	031	0051141	192	36	15	10	12	0.1	2200	4.70	5.0	2	2	100	2.0	0.05	38	8.3
103I	781114	9	517268	6074110	SLSN	35	90	8	6	00	02031	220	0151132	96	38	3	18	12	0.2	745	3.85	11.0	3	4	40	3.0	0.02	22	7.3
103I	781115	9	516890	6072877	SLSN	35	30	4	6	00	02036	220	0051141	116	46	7	24	15	0.1	1050	4.60	10.0	3	4	40	4.0	0.10	30	7.7
103I	781117	9	515774	6070900	SLSN	35	5	1	6	00	12021	030	0051131	118	22	9	11	10	0.1	1100	3.50	6.0	3	5	50	3.0	0.16	80	8.3
103I	781118	9	524834	6066915	GRNT	41	25	3	6	00	02236	030	0051144	36	10	1	4	4	0.1	335	1.30	0.5	1	2	20	5.0	0.10	10	7.8
103I	781119	9	525205	6066679	GRNT	41	60	5	6	00	02236	030	0051134	36	10	1	4	4	0.1	310	1.55	0.5	1	2	10	6.0	0.12	10	7.4
103I	781120	9	525383	6068114	SLSN	35	20	1	6	00	12236	120	0051144	88	42	4	12	12	0.1	840	3.35	3.0	2	2	20	4.0	0.12	24	7.6
103I	781122	9	524590	6069279	SLSN	35	5	1	6	10	02021	220	0051144	178	44	24	18	16	0.2	1300	3.80	14.0	3	2	40	2.0	0.02	30	8.0
103I	781123	9	524590	6069279	SLSN	35	5	1	6	20	02021	220	0051144	200	48	32	20	17	0.4	1400	4.00	9.0	3	2	40	2.0	0.05	32	7.8
103I	781125	9	522880	6069278	SLSN	35	15	2	6	00	02031	220	0051144	108	96	4	30	20	0.2	1050	3.40	10.0	1	4	50	2.0	0.02	20	7.9
103I	781126	9	522120	6068395	SLSN	35	15	2	6	00	02031	220	0051141	86	30	1	14	11	0.1	985	1.85	1.0	1	2	30	3.0	0.02	22	7.7
103I	781127	9	521730	6069006	SLSN	35	5	1	6	00	02021	220	0051341	116	84	2	42	18	0.1	990	4.60	13.0	5	17	30	2.0	0.02	48	7.8
103I	781128	9	520310	6068166	SLSN	35	20	5	6	00	02236	220	0051142	66	34	2	9	10	0.1	680	2.20	2.0	2	14	60	9.0	0.05	30	7.5
103I	781129	9	520066	6068749	SLSN	35	5	1	6	00	02021	220	0051342	72	46	1	8	12	0.1	830	2.90	7.0	1	23	70	3.0	0.34	46	7.9
103I	781130	9	519254	6067441	SLSN	35	15	1	6	00	02031	121	0051141	66	38	2	8	10	0.1	860	1.70	1.0	2	2	40	5.0	0.02	20	7.4
103I	781131	9	517956	6068119	SLSN	35	5	1	6	00	02021	220	0051341	62	34	2	9	10	0.1	550	2.10	3.0	1	2	30	8.0	2.40	190	7.6
103I	781132	9	506311	6090767	SLSN	35	3	1	6	00	01011	030	0051141	84	34	8	20	14	0.2	1100	3.10	8.0	1	2	40	1.0	0.02	66	7.5
103I	781133	9	505461	6091196	SLSN	35	15	3	6	00	01021	030	0051141	114	52	20	26	18	0.2	1100	3.50	11.0	1	2	30	1.0	0.02	30	7.6
103I	781134	9	504462	6091544	SLSN	35	3	1	6	00	21011	021	0041141	108	26	6	30	9	0.2	765	2.30	10.0	1	2	50	2.0	0.02	48	8.3
103I	781135	9	515901	6065262	GRNT	41	20	2	6	00	02021	220	0051131	48	14	2	6	6	0.1	560	1.60	1.0	1	2	30	7.0	0.05	22	7.7
103I	781136	9	517863	6065437	GRNT	41	25	2	6	00	12032	220	0051131	42	14	1	4	5	0.1	440	1.40	1.0	1	2	30	6.0	0.10	24	7.3
103I	781137	9	516551	6063870	GRNT	41	60	5	6	00	02021	210	0051131	46	10	1	4	6	0.1	400	1.60	0.5	1	2	10	6.0	0.12	30	7.3
103I	781138	9	518509	6058168	GRNT	41	30	2	6	00	12031	220	0051131	66	18	2	9	9	0.2	930	2.25	0.5	1	2	60	22.0	0.14	28	7.3
103I	781139	9	519976	6057029	GRNT	41	20	2	6	00	12022	220	0051131	40	14	1	4	5	0.1	340	1.65	0.5	1	2	20	11.0	0.12	28	7.1
103I	781140	9	504581	6077969	SLSN	35	3	1	6	00	02011	030	0041331	70	32	7	13	10	0.2	655	2.25	5.0	2	4	30	2.0	0.10	40	7.8
103I	781142	9	506676	6078135	SLSN	35	5	1	6	00	02011	121	0041331	130	64	17	14	12	0.6	1500	2.90	16.0	7	4	70	4.0	0.02	20	8.2
103I	781143	9	507921	6080855	SLSN	35	5	1	6	00	02016	120	0041141	66	24	4	20	11	0.1	710	2.80	3.0	1	2	20	1.0	0.02	22	7.9
103I	781144	9	507921	6081255	SLSN	35	15	2	6	00	02011	121	0041141	90	16	4	19	12	0.1	1700	2.60	2.0	1	2	80	1.0	0.05	46	8.6
103I	781145	9	504551	6082702	SLSN	35	10	2	6	00	02036	120	0041141	78	30	4	16	12	0.1	735	3.00	6.0	1	2	20	1.0	0.02	24	8.7
103I	781147	9	506028	6082796	SLSN	35	10	2	6	10	02021	220	0041141	94	36	2	20	15	0.1	825	4.10	6.0	1	2	20	1.0	0.02	26	8.3
103I	781148	9	506028	6082796	SLSN	35	10	2	6	20	02021	220	0041141	84	32	4	17	14	0.1	740	3.30	4.0	1	2	30	1.0	0.05	50	8.3
103I	781149	9	505314	6085175	SLSN	35	10	1	6	00	02011	220	0041341	80	22	4	24	13	0.2	1500	2.80	4.0	2	2	60	2.0	0.02	24	7.9
103I	781150	9	505007	6088609	SLSN	35	30	2	6	00	12036	130	0041141	58	18	2	12	9	0.1	510	2.45	7.0	1	2	20	5.0	0.10	20	7.7
103I	781151	9	504623	6088794	SLSN	35	5	1	6	00	12011	120	0041341	66	24	2	18	9	0.1	770	2.25	4.0	1	2	20	5.0	0.05	10	8.3
103I	781152	9	502615	6089618	SLSN	35	20	2	6	00	02021	120	0041141	46	18	2	10	8	0.1	450	1.80	5.0	1	2	60	1.0	0.02	10	8.4
103I	781153	9	500351	6090664	SLSN	35	30	2	6	00	02036	130	0041141	44	16	2	9	7	0.1	400	1.95	2.0	1	2	20	2.0	0.10	10	7.9
103I	781154	9	498093	6091728	GRNT	41	50	4	6	00	02236	030	0041144	38	14	1	6	7	0.1	280	1.70	0.5	1	2	10	5.0	0.02	10	7.5
103I	781155	9	497690	6091926	GRNT	41	80	5	6	00	02236	310	1041144	24	14	1	8	8	0.2	180	2.25	2.0	1	23	10	42.0	0.02	10	7.4
103I	781156	9	498247	6093926	GRNT	41	60	10	6	00	01226	120	0042141	34	12	1	9	6	0.1	200	1.50	3.0	1	2	10	6.0	0.12	24	7.5
103I	781157	9	521678	6058309	GRNT	41	40	3	6	00	02036	220	0041134	42	14	1	4	6	0.1	380	1.55	0.5	1	2	10	13.0	0.10	10	7.4
103I	781158	9	525168	6057546	GRNT	41	25	2	6	00	02022	220	0041131	84	22	2	13	12	0.1	810	2.20	0.5	2	2	20	11.0	0.05	10	7.5
103I	781159	9	522049	6055262	GRNT	41	25	2	6	00	02026	220	0041131	50	18	1	7	7	0.1	465	1.45	0.5	1	2	20	4.0	0.02	10	7.6
103I	781160	9	524098	6056357	GRNT	41	30	2	6	00	02026	220	0041131	56	20	1	8	8	0.1	570	1.75	0.5	1	2	10	4.0	0.02	10	7.7
103I	781163	9	525648	6055553	GRNT	41	40	4	6	00	02022	120	0041231	68	34	1	12	10	0.1	740	2.20	1.0	5	2	20	1.0	0.02	32	7.7
103I	781164	9	523162	6047081	TILL	44	40	3	6	00	12016	030	0041231	76	20	2	21	11	0.1	900	2.60	3.0	4	2	30	3.0	0.05	52	8.0
103I	781165	9	512590	6093720	SLSN	35	30	2	6	00	02021	121	0041141	94	32	8	14	15	0.1	1050	3.65	5.0	1	2	30	1.0	0.05	24	8.1
103I	781166	9	512027	6093177	SLSN	35	20	2	6	10	02026	210	0041141	96	30	8	12	14	0.1	1000	3.75	5.0	2	2	30	1.0	0.12	48	8.4
103I	781167	9	512027	6093177	SLSN	35	20	2	6	20	02026	210	0041141	98	30	7	13	14	0.2	1050	3.70	4.0	2	2	50	1.0	0.02	50	8.4
103I	781168	9	511014	6092368	SLSN	35	3	1	6	00	02011	210	0041341	94	26	6	19	15	0.2	2150	3.40	3.0	1	2	80	0.5	0.02	10	7.9

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	781169	9	510499	6089535	SLSN	35	3	2	6	00	02021	211	0041141	260	40	26	12	26	0.1	3700	3.95	6.0	20	11	100	2.0	0.05	32	8.4
103I	781170	9	511976	6087155	SLSN	35	10	1	6	00	02021	030	0041341	100	40	7	20	14	0.1	1100	3.45	4.0	4	6	50	2.0	0.02	10	7.9
103I	781171	9	512364	6087167	SLSN	35	25	3	6	00	02021	120	0041131	68	28	4	11	11	0.2	610	3.00	4.0	1	2	20	1.0	0.05	10	7.4
103I	781172	9	513964	6085237	SLSN	35	15	2	6	00	02026	210	0041141	82	34	4	18	12	0.1	980	2.90	4.0	1	2	50	2.0	0.28	60	8.2
103I	781173	9	514352	6085211	SLSN	35	30	4	6	00	02036	130	0041141	78	34	4	16	12	0.2	635	3.30	4.0	1	2	10	2.0			
103I	781174	9	515198	6083491	SLSN	35	10	1	6	00	02026	130	0041141	72	26	2	10	11	0.1	840	2.80	3.0	1	8	40	2.0	0.30	28	8.7
103I	781175	9	513318	6084663	SLSN	35	25	4	6	00	11016	030	0011131	88	32	6	15	12	0.2	490	3.20	5.0	1	2	50	2.0	0.14	10	8.1
103I	781176	9	472977	6015599	GRNT	41	20	1	6	00	02042	310	0051221	32	14	2	8	7	0.1	120	2.10	1.0	2	2	30	1.0	0.05	10	6.1
103I	781177	9	472275	6014778	GRNT	41	20	2	6	00	01046	120	0051221	32	12	1	6	6	0.1	140	1.40	0.5	1	2	20	1.0	0.10	10	6.7
103I	781178	9	471619	6012971	GRNT	41	10	1	6	00	02031	121	0051121	58	30	4	14	11	0.2	400	2.70	2.0	1	2	50	1.0	0.02	10	6.9
103I	781179	9	470548	6011731	GRNT	41	30	2	6	00	01046	120	0051121	42	14	1	10	8	0.1	240	1.80	1.0	1	2	20	1.0	0.05	10	6.6
103I	781180	9	468978	6011434	GRNT	41	30	2	6	00	01041	210	0051121	26	16	1	6	6	0.1	120	1.40	0.5	1	2	20	1.0	0.02	10	6.4
103I	781182	9	466859	6011708	GRNT	41	20	2	6	10	11026	031	0051121	58	30	1	14	12	0.1	320	2.60	2.0	2	2	40	1.0	0.02	10	6.9
103I	781183	9	466859	6011708	GRNT	41	20	2	6	20	11026	031	0051121	56	28	2	15	10	0.1	370	2.50	3.0	5	4	40	1.0	0.02	10	7.0
103I	781184	9	466099	6010850	GRNT	41	30	2	6	00	02031	310	0051121	40	12	1	6	8	0.1	200	1.70	0.5	1	2	20	1.0	0.02	10	6.6
103I	781185	9	460500	6005722	GRNT	41	30	2	6	00	02046	310	0051121	22	12	1	6	6	0.1	140	1.10	0.5	1	2	20	1.0	0.10	10	6.1
103I	781186	9	455779	6007028	GRNT	41	25	2	6	00	02146	310	0051121	28	10	1	6	6	0.1	160	1.65	0.5	1	2	40	1.0	0.02	10	5.0
103I	781187	9	453191	6008085	GNSS	10	30	2	6	00	02146	220	0051121	30	18	1	8	8	0.1	180	1.60	0.5	1	2	30	14.0	0.02	22	6.9
103I	781188	9	451538	6008471	GRNT	41	20	2	6	00	02146	310	0051121	20	20	1	4	5	0.1	120	0.95	0.5	1	2	40	2.0	0.02	10	5.5
103I	781189	9	438310	6016633	GRNT	41	20	1	6	00	02031	031	0052121	14	8	2	2	3	0.1	120	0.95	0.5	1	2	50	3.0	0.02	10	5.9
103I	781190	9	437776	6015898	GRNT	41	5	1	6	00	02021	310	0052221	74	22	1	5	10	0.1	500	3.00	0.5	2	2	40	2.0	0.12	10	6.4
103I	781191	9	439859	6014671	GRNT	41	20	2	6	00	02041	121	0051121	22	10	2	3	4	0.1	140	1.45	0.5	2	2	100	1.0	0.05	10	6.4
103I	781192	9	441432	6013403	GRNT	41	25	2	6	00	02046	121	0051131	22	10	1	2	4	0.1	160	1.00	0.5	1	2	40	1.0	0.02	10	6.3
103I	781193	9	443642	6012836	GRNT	41	25	2	6	00	02141	112	0051131	12	4	2	3	3	0.1	90	0.85	0.5	1	2	60	1.0	0.02	10	5.5
103I	781195	9	442371	6013984	GRNT	41	20	2	6	00	02141	211	0051121	14	2	1	2	3	0.1	100	0.70	0.5	1	2	20	1.0	0.05	10	6.2
103I	781196	9	444770	6011938	GRNT	41	10	1	6	00	02131	031	0051121	4	2	2	1	1	0.1	20	0.40	0.5	1	4	50	1.0	0.02	10	4.8
103I	781197	9	444465	6011212	GRNT	41	25	2	6	00	11121	121	0051121	22	4	2	4	4	0.1	160	1.20	0.5	2	2	40	1.0	0.05	10	5.8
103I	781198	9	435005	6005358	GRNT	41	15	1	6	00	01131	211	0051221	18	2	2	2	3	0.1	120	1.10	0.5	2	2	70	1.0	0.02	10	5.5
103I	781199	9	443500	6010268	GRNT	41	15	1	6	00	01121	220	0051221	20	6	1	2	4	0.1	130	0.80	0.5	1	2	20	1.0	0.02	10	6.1
103I	781200	9	440250	6008107	GRNT	41	40	1	6	00	02026	220	0051121	40	12	3	5	6	0.1	250	1.90	1.0	1	2	50	1.0	0.02	10	5.9
103I	781202	9	438093	6006632	GRNT	41	10	2	6	00	01021	211	0051221	46	6	4	4	5	0.1	280	1.65	0.5	1	2	60	1.0	0.02	10	6.9
103I	781203	9	435625	6008743	GRNT	41	25	2	6	00	02131	210	0651131	26	6	2	6	4	0.1	200	1.30	0.5	1	2	40	1.0	0.02	10	5.3
103I	781204	9	436902	6017154	GRNT	41	25	1	6	00	02021	210	0051121	28	4	1	4	4	0.1	180	1.50	0.5	1	4	50	2.0	0.02	10	5.4
103I	783002	9	525355	6026320	GRNT	41	15	3	6	00	13311	210	0020130	42	10	2	8	7	0.1	500	1.90	2.0	1	2	20	3.0	0.02	68	8.0
103I	783003	9	524471	6031997	TILL	44	10	4	6	00	13021	120	0020130	66	14	2	15	10	0.1	910	2.55	3.0	1	2	30	3.0	0.02	56	8.0
103I	783004	9	523863	6034284	TILL	44	35	7	6	10	13211	021	0020130	74	28	6	19	13	0.1	785	2.95	6.0	1	2	40	4.0	0.05	46	8.5
103I	783005	9	523863	6034284	TILL	44	35	7	6	20	13211	021	0020120	68	22	6	18	12	0.1	630	2.65	6.0	1	4	60	3.0	0.36	38	8.4
103I	783006	9	518704	6036120	TILL	44	40	6	6	00	11111	021	0010130	82	28	5	19	10	0.2	510	3.30	6.0	2	2	40	4.0	0.02	56	8.0
103I	783007	9	520949	6034362	TILL	44	30	8	6	00	11311	021	0020120	72	26	4	18	12	0.1	710	2.80	8.0	1	2	60	4.0	0.05	46	8.4
103I	783008	9	518938	6035314	TILL	44	30	6	6	00	23226	121	0020120	74	24	4	18	12	0.2	1600	3.30	0.5	1	2	60	2.0	0.02	56	8.3
103I	783009	9	505390	6025863	GRNT	41	60	6	6	00	13031	210	0051120	22	36	1	8	7	0.2	165	1.40	0.5	1	2	10	1.0	0.02	10	7.5
103I	783010	9	504340	6024718	GRNT	41	7	2	6	00	02046	012	0051130	48	26	3	2	6	0.1	390	1.75	0.5	1	2	30	12.0	0.12	10	7.3
103I	783012	9	506756	6022576	GRNT	41	70	6	6	00	02231	210	0051120	18	38	2	4	6	0.1	130	1.15	0.5	1	2	30	4.0	0.14	28	7.2
103I	783013	9	509068	6019551	GRNT	41	25	3	6	00	02046	120	0051140	22	40	1	4	7	0.1	190	1.60	0.5	1	2	10	1.0	0.02	10	7.1
103I	783014	9	508815	6019327	GRNT	41	50	5	6	00	02036	210	0051130	30	28	1	4	7	0.1	335	1.85	0.5	1	2	20	5.0	0.10	10	7.4
103I	783015	9	508376	6021777	GRNT	41	60	5	6	00	12036	210	1051130	22	20	1	2	6	0.1	210	1.70	0.5	1	2	20	4.0	0.16	10	7.2
103I	783016	9	507532	6025418	GRNT	41	60	6	6	00	11036	120	0051130	28	30	2	3	7	0.1	225	1.90	0.5	1	2	20	5.0	0.10	10	7.4
103I	783017	9	508527	6026303	GRNT	41	40	3	6	00	03036	210	0051120	50	18	4	1	4	0.1	280	1.40	0.5	1	2	10	10.0	0.30	10	7.6
103I	783018	9	509453	6026872	GRNT	41	15	1	6	00	13036	121	0051130	46	48	2	4	12	0.1	365	2.50	2.0	1	2	20	2.0	0.02	28	7.4
103I	783019	9	510528	6027966	MVCC	33	35	4	6	00	13031	121	0051120	56	54	1	12	14	0.1	420	3.40	1.0	2	2	20	1.0	0.14	20	7.2

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	783020	9	513367	6029855	MVCC	33	15	1	6	00	02041	210	0051120	58	68	2	12	16	0.2	360	2.20	0.5	1	2	5	3.0	0.02	10	7.4
103I	783022	9	511950	6029587	MVCC	33	20	1	6	00	13031	121	0051120	72	84	2	10	18	0.2	575	3.50	1.0	1	2	10	2.0	0.02	27	7.6
103I	783023	9	515882	6030732	MVCC	33	35	3	6	10	02041	121	0051130	102	72	4	6	14	0.2	500	2.85	1.0	1	2	20	1.0	0.10	20	7.4
103I	783024	9	515882	6030732	MVCC	33	35	3	6	20	02041	121	0051130	102	76	4	7	14	0.1	540	3.00	1.0	1	2	20	1.0	0.02	10	7.4
103I	783026	9	515591	6031214	MVCC	33	13	2	6	00	12121	121	0051130	76	28	6	12	12	0.1	870	2.80	4.0	2	2	40	3.0	0.02	44	7.8
103I	783027	9	503217	6035296	GRNT	41	30	2	6	00	22046	210	0051130	36	6	2	7	6	0.1	200	1.20	0.5	1	2	10	6.0	0.02	20	6.9
103I	783028	9	500158	6037743	GRNT	41	70	3	6	00	01236	210	0051120	20	8	1	1	2	0.1	110	0.90	0.5	1	2	10	5.0	0.10	24	7.0
103I	783029	9	500923	6037882	GRNT	41	30	3	6	00	13036	210	0051130	24	4	1	2	3	0.1	150	1.30	0.5	1	2	10	8.0	0.02	10	6.8
103I	783030	9	501415	6036594	GRNT	41	40	4	6	00	13046	210	0051130	14	2	1	1	2	0.2	70	0.80	0.5	1	2	10	5.0	0.02	10	6.8
103I	783031	9	503166	6036665	GRNT	41	32	3	6	00	13046	211	0051130	28	2	1	2	3	0.1	160	1.10	0.5	1	2	10	7.0	0.02	10	6.8
103I	783032	9	505251	6035591	GRNT	41	25	3	6	00	13046	210	0051130	28	2	2	2	2	0.1	150	0.80	0.5	1	2	10	8.0	0.02	10	6.9
103I	783033	9	506268	6032634	GRNT	41	10	1	6	00	22041	111	0051130	58	46	1	30	13	0.1	340	2.65	2.0	1	2	20	12.0	0.02	10	6.9
103I	783034	9	508332	6030314	MVCC	33	7	1	6	00	03031	111	0050120	62	56	2	6	12	0.2	610	2.80	0.5	1	2	30	3.0	0.02	10	7.8
103I	783035	9	510054	6032026	MVCC	33	42	3	6	00	03046	120	0050120	46	48	2	15	11	0.1	255	1.90	0.5	1	2	10	4.0	0.02	10	7.2
103I	783036	9	511538	6033538	MVCC	33	50	4	6	00	03246	210	0050120	30	20	1	8	7	0.1	190	1.60	0.5	1	5	10	7.0	0.02	10	7.1
103I	783037	9	505961	6033924	GRNT	41	12	2	6	00	12046	120	0052130	46	18	1	12	6	0.2	230	1.45	0.5	1	2	10	21.0	0.02	10	7.2
103I	783038	9	493990	6032714	GRNT	41	25	2	6	00	12131	210	0052130	46	4	1	2	4	0.1	270	1.40	0.5	1	2	30	7.0	0.02	10	6.9
103I	783039	9	494265	6032105	GRNT	41	20	2	6	00	02046	111	0052130	34	6	3	2	6	0.1	425	1.60	0.5	1	2	60	11.0	0.02	10	7.0
103I	783040	9	495562	6031356	GRNT	41	32	3	6	00	13031	310	0052130	38	10	7	6	6	0.1	255	1.40	0.5	1	2	20	9.0	0.02	10	6.9
103I	783042	9	497150	6029871	GRNT	41	30	2	6	10	13031	121	0052130	56	40	2	12	10	0.1	440	2.10	0.5	1	2	20	7.0	0.16	34	7.8
103I	783043	9	497150	6029871	GRNT	41	30	2	6	20	13031	121	0052130	58	42	2	14	10	0.1	440	2.15	0.5	1	2	20	9.0	0.16	24	7.3
103I	783044	9	488614	6022996	GRNT	41	35	3	6	00	03036	021	0050120	30	24	1	6	6	0.2	230	1.35	0.5	1	2	10	3.0	0.02	10	7.0
103I	783046	9	488881	6023347	GRNT	41	20	1	6	00	03021	121	0052130	40	30	1	5	8	0.1	300	1.70	0.5	1	2	20	7.0	0.05	24	7.5
103I	783047	9	491497	6025648	GRNT	41	40	3	6	00	13031	121	0052120	64	52	2	13	12	0.1	480	2.80	0.5	1	2	20	7.0	0.02	10	7.2
103I	783048	9	492192	6026786	GRNT	41	25	1	6	00	03031	211	0052130	44	32	2	5	7	0.1	485	1.90	0.5	2	2	20	11.0	0.20	10	7.2
103I	783049	9	494060	6027065	GNSS	10	3	1	6	00	02011	210	0052120	38	24	4	4	7	0.2	650	1.85	0.5	1	2	20	9.0	0.38	22	7.1
103I	783050	9	503691	6030422	MVCC	33	30	2	6	00	03021	121	0052120	50	22	1	18	10	0.1	305	2.05	0.5	1	2	20	10.0	0.60	10	7.1
103I	783051	9	499979	6029821	GRNT	41	20	1	6	00	12131	121	0052120	48	16	5	6	6	0.1	305	1.35	0.5	1	2	10	9.0	0.10	34	7.7
103I	783052	9	501724	6030267	MVCC	33	30	3	6	00	02041	211	0052120	46	28	1	11	6	0.2	255	1.50	0.5	1	2	10	8.0	0.10	10	7.0
103I	783053	9	501463	6029902	MVCC	33	35	3	6	00	02041	211	0057120	58	34	2	14	10	0.2	320	1.95	0.5	1	2	20	6.0	0.12	30	7.1
103I	783054	9	511854	6033800	GRNT	41	30	2	6	00	01046	120	0051120	38	8	1	10	6	0.1	240	1.35	0.5	1	2	10	6.0	0.20	20	7.4
103I	783055	9	513147	6034743	MVCC	33	25	2	6	00	02031	121	0057120	70	92	1	15	14	0.1	450	2.45	0.5	1	2	20	2.0	0.05	240	8.0
103I	783056	9	514317	6035810	MVCC	33	10	1	6	00	13011	121	0051120	62	30	2	8	10	0.2	665	2.60	2.0	2	2	40	2.0	0.02	280	7.9
103I	783057	9	516136	6037247	MVCC	33	13	2	6	00	13031	121	0052120	50	44	1	9	11	0.1	380	2.10	1.0	1	2	20	5.0	0.10	250	7.5
103I	783058	9	503833	6043013	GRNT	41	20	3	6	00	02046	120	0051130	24	2	1	2	4	0.1	150	1.20	0.5	1	2	10	8.0	1.40	240	7.3
103I	783059	9	505598	6042180	GRNT	41	15	2	6	00	12046	120	0052130	38	4	2	1	3	0.1	230	1.00	0.5	1	2	10	17.0	0.64	240	7.3
103I	783060	9	507396	6042065	GRNT	41	20		1	00	12 1	120	0057230	34	4	1	1	4	0.1	185	0.95	0.5	1	2	10	14.0			
103I	783062	9	508951	6042585	GRNT	41	25	2	6	10	13036	210	0051130	30	4	2	3	3	0.1	190	0.75	0.5	1	2	5	10.0	0.34	240	7.2
103I	783063	9	508951	6042585	GRNT	41	25	2	6	20	13036	210	0051130	18	2	2	2	2	0.1	150	0.70	0.5	1	2	5	10.0	0.30	250	7.0
103I	783064	9	510325	6042967	GRNT	41	20	1	6	00	13036	210	0051130	16	2	2	1	2	0.1	120	0.50	0.5	1	2	5	7.0	0.90	160	7.2
103I	783065	9	511180	6043842	GRNT	41	15	2	6	00	02031	210	0051130	18	4	2	1	2	0.1	120	0.50	0.5	1	2	5	8.0	1.50	170	7.3
103I	783066	9	512351	6043904	GRNT	41	8	1	6	00	13031	210	0051130	30	2	1	1	2	0.1	190	0.70	0.5	1	2	10	11.0	0.60	160	7.3
103I	783067	9	518590	6029246	MVCC	33	12	1	6	00	12031	121	0057130	76	112	1	16	22	0.1	830	3.90	0.5	1	2	10	1.0	0.02	160	7.8
103I	783068	9	520015	6027185	GRNT	41	35	3	6	00	12236	130	0052120	62	62	1	10	14	0.1	540	2.90	0.5	1	2	5	2.0	0.10	160	7.6
103I	783069	9	520311	6027021	MVCC	33	25	2	6	00	12021	130	0052130	34	22	1	6	7	0.1	500	1.70	2.0	1	2	20	1.0	0.10	160	7.7
103I	783070	9	509005	6041712	GRNT	41	40	3	6	00	12041	120	0052130	32	4	1	4	4	0.1	215	1.30	0.5	1	2	5	9.0	0.42	140	7.4
103I	783071	9	511317	6042262	GRNT	41	20	2	6	00	13036	210	0052130	30	2	1	2	4	0.1	315	1.10	0.5	1	2	10	32.0	1.70	72	7.4
103I	783072	9	512160	6042489	GRNT	41	15	2	6	00	03041	210	0052130	30	4	1	2	3	0.1	240	0.80	0.5	1	2	10	9.0	0.70	60	7.2
103I	783073	9	514375	6043257	GRNT	41	20	2	6	00	13031	210	0052130	28	4	1	4	4	0.1	200	0.80	0.5	1	2	10	10.0	1.40	56	7.5
103I	783074	9	515100	6044682	GRNT	41	12	1	6	00	13021	210	0051130	42	62	1	10	6	0.1	305	1.45	0.5	1	2	10	14.0	0.86	76	7.8

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	783076	9	516791	6044677	TILL	44	15	3	6	00	11026	120	0052130	50	22	2	20	8	0.1	360	1.85	3.0	3	2	20	6.0	0.32	64	7.3
103I	783077	9	518816	6046968	MVCC	33	10	1	6	00	23021	120	0050130	56	12	2	20	10	0.1	1400	2.30	3.0	1	2	40	2.0	0.02	150	7.6
103I	783078	9	523616	6026179	GRNT	41	25	3	6	00	13111	210	1050140	54	12	2	10	7	0.1	440	1.90	1.0	2	2	730	3.0	0.16	270	7.8
103I	783079	9	523691	6025777	GRNT	41	65	3	6	00	13321	121	0052140	52	12	1	8	7	0.2	430	2.30	0.5	2	2	220	7.0	0.05	230	7.6
103I	783080	9	523904	6027345	GRNT	41	5	1	6	00	13011	121	0050140	76	22	6	18	12	0.1	850	2.85	5.0	3	2	280	3.0	0.05	300	7.8
103I	783082	9	522451	6029660	GRNT	41	5	1	6	00	02111	121	0057130	66	22	4	16	11	0.1	1000	2.55	4.0	2	2	580	1.0	0.02	52	7.6
103I	783083	9	521008	6024401	GRNT	41	30	2	6	00	23021	121	0051140	60	10	2	5	6	0.1	630	2.00	0.5	1	5	40	8.0	0.16	32	7.4
103I	783084	9	523273	6024455	GRNT	41	45	3	6	10	13021	121	0051130	46	10	1	7	6	0.1	330	1.80	0.5	1	2	20	3.0	0.10	20	7.3
103I	783085	9	523273	6024455	GRNT	41	45	3	6	20	13021	121	0051130	44	10	1	6	6	0.1	330	1.70	0.5	1	2	20	0.5	0.05	10	7.2
103I	783087	9	522218	6022318	GRNT	41	25	1	6	00	13021	120	0051140	48	12	2	6	6	0.1	390	1.70	0.5	1	2	20	5.0	0.14	38	7.3
103I	783088	9	522257	6022025	GRNT	41	10	1	6	00	03011	211	0051140	64	18	4	12	8	0.1	630	2.50	2.0	1	2	60	5.0	0.18	58	7.4
103I	783089	9	523396	6020319	GRNT	41	40	3	6	00	13031	210	0051130	38	8	1	5	6	0.1	300	1.85	0.5	1	2	10	9.0	0.05	10	7.2
103I	783090	9	528506	6019051	TILL	44	25	2	6	00	13121	031	0056130	58	16	2	16	8	0.1	400	2.20	4.0	2	2	30	2.0	0.14	48	7.3
103I	783091	9	514596	6050994	SLSN	35	10	1	6	00	13026	031	0052140	132	56	10	53	24	0.1	920	3.30	12.0	2	2	50	3.0	0.02	10	7.8
103I	783092	9	516052	6050243	SLSN	35	5	1	6	00	12021	013	0057140	204	220	14	48	15	2.8	1600	2.70	9.0	1	2	30	15.0	0.16	10	7.8
103I	783093	9	519046	6050176	TILL	44	10	1	6	00	13111	031	0050140	32	10	7	8	6	0.1	1100	1.20	0.5	1	2	110	3.0	0.02	34	7.3
103I	783094	9	516587	6054195	GRNT	41	5	1	6	00	02031	022	0152330	124	52	30	30	24	0.1	2850	3.90	6.0	5	2	110	4.0	0.10	44	7.7
103I	783095	9	507561	6060469	SLSN	35	5	1	6	00	13011	121	0055340	112	34	12	50	14	0.1	1000	3.30	13.0	2	2	40	3.0	0.02	26	7.4
103I	783096	9	511420	6060057	SLSN	35	45	4	6	00	13236	210	0151130	24	10	1	6	3	0.1	110	1.10	2.0	1	2	5	6.0	0.02	10	7.1
103I	783097	9	514620	6057315	TILL	44	40	3	6	00	13036	120	0052130	64	24	2	24	8	0.1	410	2.40	7.0	2	2	10	4.0	0.02	10	7.2
103I	783098	9	481294	6093276	GRNT	41	25	2	6	00	02041	120	0051130	34	10	1	2	3	0.1	250	1.20	0.5	2	2	10	5.0	0.12	20	7.0
103I	783099	9	480761	6094411	GRNT	41	5		1	00	02 6	210	0051230	56	8	4	6	10	0.1	480	2.10	0.5	3	36	20	8.0			
103I	783100	9	464048	6075215	GRNT	41	40	3	6	00	03136	121	0152130	28	6	2	8	4	0.1	210	1.10	0.5	1	2	10	6.0	0.02	10	7.1
103I	783103	9	463462	6076606	GRNT	41	5	1	6	00	03101	211	0050130	16	2	6	7	2	0.1	90	0.70	0.5	1	2	40	3.0	0.02	10	6.3
103I	783104	9	463093	6076918	GRNT	41	40	3	6	00	03036	220	0051120	40	12	1	9	5	0.1	280	1.40	0.5	1	2	10	4.0	0.02	10	6.9
103I	783105	9	463486	6078985	GRNT	41	10	1	6	00	03041	220	0050130	36	4	1	4	2	0.1	530	1.00	0.5	1	2	50	111.0	0.56	150	7.2
103I	783106	9	463286	6080222	GRNT	41	30	1	6	00	03131	310	0051130	58	10	6	8	7	0.1	680	2.00	0.5	1	2	50	22.0	0.05	26	7.0
103I	783107	9	463322	6081525	GRNT	41	25	1	6	00	03031	310	0051130	52	12	2	14	6	0.1	410	2.00	1.0	1	2	40	10.0	0.10	22	6.8
103I	783108	9	463300	6082098	GRNT	41	30	2	6	10	03236	120	0051130	52	14	1	24	6	0.1	515	1.90	4.0	1	2	30	4.0	0.16	22	6.7
103I	783109	9	463300	6082098	GRNT	41	30	2	6	20	03236	120	0051130	48	14	1	20	6	0.1	470	1.70	3.0	1	2	30	3.0	0.12	20	6.6
103I	783110	9	463257	6083568	GRNT	41	25	2	6	00	02046	121	0151130	34	4	1	2	2	0.1	210	1.00	0.5	1	2	10	6.0	0.05	20	6.6
103I	783111	9	462390	6085969	GRNT	41	20	1	6	00	02036	210	0051130	52	8	1	5	4	0.1	360	1.70	0.5	1	2	10	10.0	0.10	20	6.7
103I	783112	9	461967	6087897	GRNT	41	40	5	6	00	02246	211	0052130	44	6	1	4	4	0.1	280	1.55	1.0	2	2	10	7.0	0.05	10	6.9
103I	783113	9	462046	6089804	GRNT	41	10	1	6	00	02111	031	1152130	128	100	2	26	16	0.1	710	4.45	50.0	6	9	30	4.0	0.02	26	7.5
103I	783114	9	463719	6086664	GRNT	41	10	1	6	00	02031	031	0050130	66	10	3	12	8	0.1	930	2.00	3.0	1	2	80	41.0	1.70	100	7.7
103I	783115	9	464710	6091194	GRNT	41	5	1	6	00	02111	120	1152130	128	28	4	13	16	0.1	1150	3.60	4.0	2	12	50	13.0	0.05	30	7.5
103I	783116	9	465136	6091542	GRNT	41	10		1	00	02 1	310	0051230	68	10	1	14	10	0.1	1000	2.55	3.0	1	2	40	7.0			
103I	783117	9	504649	6064064	SLSN	35	20	2	6	00	03031	120	0051140	80	42	4	23	18	0.1	650	2.70	52.0	1	2	30	3.0	0.02	10	7.3
103I	783118	9	502526	6064109	SLSN	35	30	3	6	00	02046	210	0051140	138	66	7	40	22	0.1	690	4.60	40.0	2	2	110	2.0	0.02	10	7.0
103I	783119	9	502269	6063941	SLSN	35	45	4	6	00	02241	031	0051140	88	36	1	24	11	0.1	460	3.30	25.0	2	2	20	3.0	0.02	10	7.0
103I	783120	9	506849	6063700	SLSN	35	10	1	6	00	13111	121	0151140	102	38	6	22	12	0.1	465	2.60	31.0	3	2	110	3.0	0.02	10	7.2
103I	783122	9	454864	6091115	GRNT	41	40	3	6	00	12236	120	0151122	44	14	2	18	7	0.2	400	1.60	2.0	1	2	20	4.0	0.05	10	7.4
103I	783123	9	460721	6092175	GRNT	41	10	1	6	00	13011	022	0051231	80	16	1	35	14	0.2	1000	2.60	2.0	1	2	60	1.0	0.02	56	7.8
103I	783124	9	465726	6091837	GRNT	41	30	2	6	00	01036	211	0052122	48	14	2	11	8	0.1	410	1.80	7.0	1	2	20	4.0	0.10	24	7.5
103I	783125	9	497154	6076595	SLSN	35	25	1	6	00	02036	220	0052131	168	112	10	114	28	0.2	1450	4.70	22.0	1	2	20	1.0	0.02	10	7.9
103I	783126	9	499796	6075721	SLSN	35	15	1	6	00	11031	121	0052131	98	48	7	20	16	0.2	820	3.20	18.0	1	2	40	1.0	0.02	10	8.0
103I	783127	9	501158	6075410	SLSN	35	30	2	6	00	02041	031	0052131	170	94	16	23	22	0.7	1600	3.95	35.0	2	2	70	2.0	0.02	10	7.8
103I	783128	9	500730	6075297	SLSN	35	15	2	6	00	02046	031	0052141	102	40	6	18	14	0.1	1000	3.30	18.0	1	2	30	1.0	0.02	10	7.8
103I	783129	9	501809	6075888	SLSN	35	10	1	6	00	02041	031	0051131	80	38	8	12	12	0.3	650	2.90	13.0	2	2	50	2.0	0.05	10	8.4
103I	783130	9	503610	6075595	SLSN	35	5	1	6	00	02011	121	0057232	84	36	10	13	13	0.2	1300	2.60	14.0	1	2	110	1.0	0.02	10	7.8

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	783131	9	505362	6075099	SLSN	35	10	1	6	00	12036	031	0050032	66	18	4	10	8	0.1	455	2.10	6.0	1	2	40	1.0	0.02	20	8.3
103I	783133	9	506431	6074063	SLSN	35	10	1	6	00	03021	211	0051032	90	46	22	15	14	0.2	680	3.25	75.0	1	2	10	2.0	0.02	10	8.2
103I	783134	9	496914	6067809	SLSN	35	15	2	6	00	03046	022	0051131	76	22	3	17	10	0.1	520	2.60	9.0	2	2	40	1.0	0.02	38	7.6
103I	783135	9	498136	6068938	SLSN	35	40	4	6	10	11236	130	0052144	44	12	1	4	8	0.1	280	1.95	1.0	1	2	10	5.0	0.02	10	7.4
103I	783136	9	498136	6068938	SLSN	35	40	4	6	20	11236	130	0052144	40	10	1	4	6	0.2	260	1.70	0.5	1	8	20	4.0	1.10	10	7.3
103I	783137	9	497167	6069865	SLSN	35	10	2	6	00	03046	310	0051141	94	42	2	17	14	0.2	810	3.75	10.0	1	2	10	1.0	0.02	10	7.7
103I	783138	9	496757	6069714	SLSN	35	40	3	6	00	03236	120	0052144	12	8	2	2	4	0.1	100	1.30	1.0	1	2	90	11.0	0.02	10	7.6
103I	783139	9	498699	6069475	SLSN	35	15	2	6	00	02041	022	0051142	104	38	8	22	14	0.4	1850	3.40	11.0	2	2	80	1.0	0.02	24	7.6
103I	783140	9	501205	6070213	SLSN	35	10	1	6	00	03031	111	0051332	82	136	12	3	7	1.0	595	2.45	40.0	2	2	50	10.0	0.10	10	8.2
103I	783142	9	501414	6069452	SLSN	35	25	2	6	00	02041	130	0051142	154	48	32	32	18	0.3	1000	4.10	70.0	6	2	40	4.0	0.02	10	7.6
103I	783143	9	503773	6072259	GRNT	41	15	2	6	00	03046	211	0051141	102	54	17	14	18	0.2	1350	3.55	14.0	1	4	130	1.0	0.02	10	8.4
103I	783144	9	502792	6071469	SLSN	35	2	1	6	00	03011	022	0051342	44	34	8	2	3	0.1	2700	0.80	22.0	1	2	40	9.0	0.22	22	8.5
103I	783145	9	504767	6072019	SLSN	35	25	3	6	00	03041	031	0051141	50	22	10	5	8	0.1	580	2.40	19.0	2	6	60	2.0	0.02	10	7.8
103I	783147	9	511324	6067437	SLSN	35	15	1	6	00	13121	031	0152131	42	10	2	5	7	0.1	860	3.90	12.0	6	2	50	3.0	0.02	10	7.9
103I	783148	9	510920	6067972	SLSN	35	15	2	6	00	13031	031	0152131	36	12	22	4	7	0.1	1150	2.80	10.0	2	2	50	4.0	0.02	10	7.7
103I	783149	9	510630	6068486	SLSN	35	25	1	6	00	13021	210	0051131	66	74	9	12	12	0.2	975	3.60	21.0	2	2	20	4.0	0.02	10	7.7
103I	783150	9	509174	6068505	GRNT	41	20	3	6	00	03041	220	0051131	28	12	2	3	5	0.1	380	1.70	2.0	1	2	50	2.0	0.05	10	7.6
103I	783151	9	509007	6069800	GRNT	41	30	2	6	00	02031	121	0151131	54	86	6	4	8	0.2	895	2.70	4.0	2	2	60	4.0	0.02	10	7.6
103I	783152	9	435851	6019227	GRNT	41	5	1	6	00	12311	220	0050311	36	6	2	4	8	0.1	380	2.20	0.5	1	2	90	1.0	0.02	10	6.5
103I	783153	9	439302	6051724	GNSS	10	10	1	6	00	02031	031	0051211	16	6	1	4	4	0.1	200	1.30	0.5	1	2	40	2.0	0.02	10	7.2
103I	783154	9	439912	6050626	GNSS	10	120	2	6	10	01036	220	1052111	28	14	1	10	5	0.1	180	1.10	0.5	1	2	20	2.0	0.05	10	7.1
103I	783155	9	439912	6050626	GNSS	10	120	2	6	20	01036	220	1052111	22	14	1	9	5	0.1	160	1.00	0.5	1	2	20	1.0	0.02	10	7.1
103I	783156	9	438138	6050308	MSDM	33	45	3	6	00	11031	030	1052111	200	44	1	30	16	0.1	430	3.60	1.0	4	2	40	1.0	0.05	10	7.6
103I	783157	9	436460	6051075	MSDM	33	30	2	6	00	11021	120	0052111	255	34	1	24	8	0.1	340	3.25	0.5	7	2	20	4.0	0.02	10	7.2
103I	783158	9	437422	6051834	MSDM	33	20	1	6	00	01031	021	0051111	44	34	1	24	14	0.1	400	2.40	0.5	3	2	60	1.0	0.02	10	7.0
103I	783159	9	435972	6053253	MSDM	33	10	1	6	00	02031	310	0051211	68	44	1	38	14	0.1	250	2.10	0.5	2	2	30	1.0	0.10	20	7.8
103I	783160	9	438166	6090829	GNSS	10	5	1	6	00	02031	210	0052111	66	18	1	22	13	0.1	620	2.40	1.0	2	2	70	4.0	0.36	10	8.0
103I	783162	9	442836	6094479	GRNT	41	5	1	6	00	03121	130	0057111	54	14	1	32	10	0.1	800	2.30	4.0	2	2	70	2.0	0.10	10	7.7
103I	783163	9	448314	6092537	GRNT	41	3	1	6	00	02011	130	0052221	40	8	2	8	16	0.2	1200	1.90	0.5	2	2	100	17.0	0.02	10	7.0
103I	783164	9	445189	6090939	GRNT	41	10		1	00	02	1	120 0051212	44	22	2	18	15	0.1	580	2.10	0.5	2	2	90	2.0			
103I	783165	9	444781	6089858	GRNT	41	130	3	6	00	03141	031	0052111	48	14	1	16	8	0.1	300	1.90	0.5	1	2	60	2.0	0.10	10	7.0
103I	783166	9	444056	6089146	GRNT	41	40	2	6	00	01031	121	1052111	52	12	1	8	8	0.1	370	1.90	1.0	2	2	40	.2.0	0.02	10	7.2
103I	783167	9	440578	6087402	GRNT	41	60	1	6	00	01021	120	0052111	34	12	1	12	6	0.1	340	1.55	1.0	1	2	50	2.0	0.02	10	7.0
103I	783169	9	437844	6088482	GRNT	41	3	1	6	00	02011	022	0051212	46	12	2	22	12	0.1	870	1.80	2.0	1	2	70	2.0	0.02	10	7.2
103I	783170	9	436417	6087484	GRNT	41	5	1	6	00	02041	031	0051111	62	20	2	29	9	0.1	720	2.10	3.0	2	2	60	9.0	1.80	76	8.3
103I	783171	9	438030	6085762	GRNT	41	15	2	6	00	02041	310	0051111	56	12	1	13	8	0.1	430	1.45	2.0	1	2	50	2.0	0.05	10	7.4
103I	783172	9	439017	6086184	GRNT	41	3	1	6	00	12041	013	0051111	84	58	1	12	13	0.1	700	2.50	1.0	2	2	70	4.0	0.18	26	7.9
103I	785002	9	528524	6028935	GRNT	41	3	1	6	00	11011	220	1052241	96	22	6	9	7	0.1	700	1.80	2.0	1	2	20	2.0	0.20	340	8.5
103I	785003	9	528825	6031187	GRNT	41	3	1	6	00	11011	220	1051141	68	22	4	15	8	0.2	660	2.40	5.0	1	2	40	6.0	0.30	340	8.6
103I	785004	9	530027	6030110	TILL	44	20	3	6	10	21026	210	0051231	58	24	1	11	10	0.1	380	2.00	1.0	1	6	10	3.0	0.10	320	8.7
103I	785005	9	530027	6030110	TILL	44	20	3	6	20	21026	210	0051141	62	28	1	12	10	0.1	430	2.10	0.5	1	10	10	3.0	0.05	290	8.7
103I	785007	9	531853	6028035	GRNT	41	16	2	6	00	12022	210	0051131	38	8	2	2	4	0.1	235	1.45	0.5	1	2	10	4.0	0.28	230	8.1
103I	785008	9	531144	6025021	GRNT	41	6	6	6	00	03032	210	0051131	40	12	2	6	5	0.2	220	1.40	0.5	2	2	10	4.0	0.20	230	7.9
103I	785009	9	531792	6026402	GRNT	41	5	1	6	00	11011	220	0151131	54	24	3	12	8	0.1	655	2.25	2.0	1	2	30	3.0	0.10	240	7.8
103I	785010	9	532554	6030586	GRNT	41	10	1	6	00	01021	030	0051141	54	92	1	18	14	0.2	390	2.60	0.5	2	4	20	4.0	0.40	220	8.4
103I	785011	9	536331	6030945	GRNT	41	10	5	6	00	02021	210	0051141	70	76	5	13	21	0.2	640	3.30	0.5	1	75	20	2.0	0.02	140	7.7
103I	785012	9	535658	6031695	GRNT	41	25	2	6	00	11031	210	0051141	58	46	4	10	12	0.1	505	2.40	1.0	2	2	20	4.0	0.10	76	7.7
103I	785013	9	534772	6032645	GRNT	41	10	1	6	00	01021	210	0051141	84	66	1	16	18	0.2	680	3.60	0.5	2	2	20	3.0	0.05	72	8.0
103I	785014	9	534379	6036062	GRNT	41	10	3	6	00	11016	030	0051141	70	38	7	10	10	0.1	555	2.55	1.0	2	2	30	4.0	0.02	68	8.1
103I	785015	9	534731	6036564	GRNT	41	15	1	6	00	01021	130	0051141	80	52	12	10	12	0.2	735	2.95	2.0	2	2	40	4.0	0.05	68	8.1

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785016	9	533968	6038314	GRNT	41	20	1	6	00	11011	130	0051141	78	72	16	5	13	0.2	840	2.80	0.5	1	2	30	3.0	0.05	68	8.3
103I	785017	9	530265	6038590	TILL	44	30	4	6	00	21306	030	0052141	80	28	4	13	11	0.2	365	2.55	1.0	2	2	50	3.0	0.05	76	8.4
103I	785018	9	541449	6041694	MVCC	33	20	1	6	00	12021	220	0051131	92	68	11	12	12	0.1	965	2.80	4.0	2	2	40	4.0	0.05	60	8.5
103I	785019	9	541799	6040594	GRNT	41	20	3	6	00	11021	210	0051131	74	34	8	6	7	0.2	940	1.80	3.0	1	2	30	4.0	0.10	60	8.4
103I	785020	9	538449	6042794	GRNT	41	15	2	6	00	02021	130	0051131	56	34	4	7	9	0.2	635	1.95	3.0	1	2	20	2.0	0.10	56	8.0
103I	785022	9	546985	6053855	GRNT	41	20	2	6	00	02021	121	0051121	52	26	8	11	8	0.5	710	1.85	0.5	1	15	30	10.0	0.20	54	8.3
103I	785023	9	547168	6054494	MVCC	33	30	3	6	00	21231	130	0051124	220	110	55	12	18	0.4	1800	3.40	1.0	1	4	20	2.0	0.05	40	8.6
103I	785024	9	546156	6055174	MVCC	33	10	1	6	00	22011	121	0051121	94	76	13	7	11	0.2	1800	2.45	1.0	1	2	30	4.0	0.14	38	8.7
103I	785025	9	545561	6054637	MVCC	33	20	2	6	00	11031	210	0051121	58	40	4	16	12	0.1	840	2.10	2.0	1	4	30	5.0	0.10	30	8.1
103I	785026	9	542278	6055936	MVCC	33	20	3	6	00	12021	211	0051121	68	56	3	22	14	0.1	955	2.30	1.0	1	5	20	5.0	0.02	30	7.9
103I	785027	9	546519	6064778	GRNT	41	10	2	6	00	12021	130	0051121	82	20	6	12	10	0.2	760	2.05	2.0	1	4	20	5.0	0.05	44	8.0
103I	785028	9	545022	6063214	GRNT	41	20	1	6	00	01011	121	0051121	88	46	6	10	8	0.1	1050	1.70	2.0	3	2	50	6.0	0.05	46	8.0
103I	785029	9	544295	6061319	MVCC	33	20	4	6	10	02031	030	0051121	78	38	6	8	10	0.2	910	1.45	1.0	1	2	10	2.0	0.12	36	8.5
103I	785030	9	544295	6061319	MVCC	33	20	4	6	20	02031	030	0051121	78	38	8	9	9	0.2	920	1.50	1.0	1	2	10	3.0	0.16	34	8.5
103I	785031	9	544037	6060771	MVCC	33	20	2	6	00	01031	210	0051121	116	50	6	11	10	0.1	1300	2.10	1.0	2	2	60	4.0	0.05	28	7.6
103I	785032	9	543480	6060214	MVCC	33	10	1	6	00	01021	022	0051121	122	26	8	10	9	0.2	1500	2.15	2.0	2	4	70	4.0	0.10	20	7.8
103I	785033	9	542371	6058619	MVCC	33	3	1	6	00	01011	121	0051211	80	30	4	14	8	0.6	1150	2.20	3.0	2	2	60	10.0	0.16	30	8.6
103I	785034	9	538619	6055080	MVCC	33	60	3	6	00	03026	310	0051121	84	20	2	6	7	0.4	580	1.70	2.0	1	4	10	1.0	0.05	22	7.9
103I	785036	9	546745	6089070	SLSN	35	20	3	6	00	02046	121	0051124	194	52	28	8	19	0.2	820	4.10	42.0	2	2	30	3.0	0.02	26	8.3
103I	785037	9	545901	6089849	SLSN	35	25	3	6	00	22036	220	0051134	735	54	100	8	14	0.7	810	3.65	53.0	2	2	60	2.0	0.05	10	7.9
103I	785038	9	543298	6094017	SLSN	35	20	5	6	00	01246	130	0051121	80	42	10	7	12	0.2	490	3.45	4.0	3	10	170	5.0	0.20	460	8.0
103I	785039	9	543375	6093659	SLSN	35	20	5	6	00	01246	130	0051121	84	42	15	8	12	0.2	520	3.45	8.0	2	8	180	2.0	0.02	76	8.0
103I	785040	9	542410	6093791	SLSN	35	3	1	6	00	01001	220	0052221	132	42	7	18	10	0.2	670	3.50	9.0	1	2	90	2.0	0.10	60	8.8
103I	785042	9	541334	6091909	SLSN	35	3	1	6	00	01006	030	0051221	82	36	6	24	12	0.1	645	3.50	7.0	1	8	100	3.0	0.02	84	8.4
103I	785043	9	539478	6089856	SLSN	35	35	4	6	00	11036	030	0051124	168	32	10	11	13	0.1	750	3.95	16.0	1	2	70	2.0	0.02	26	6.7
103I	785045	9	539973	6087328	SLSN	35	10		1	00	01 1	021	0051221	138	34	8	15	10	0.2	2400	3.00	9.0	2	2	80	1.0			
103I	785046	9	541441	6086901	SLSN	35	6	1	6	10	01011	021	0051221	122	24	4	6	11	0.2	2500	3.95	8.0	1	7	110	1.0	0.02	40	7.8
103I	785047	9	541441	6086901	SLSN	35	6	1	6	20	01011	021	0051221	116	30	4	8	11	0.1	1750	3.80	13.0	1	2	90	3.0	0.02	38	7.8
103I	785048	9	540427	6083535	SLSN	35	25	4	6	00	11031	030	0051121	92	42	8	10	16	0.1	630	4.35	14.0	2	2	80	4.0	0.02	34	8.2
103I	785049	9	540149	6081874	SLSN	35	4	1	6	00	11021	120	0051221	62	32	14	6	12	0.2	3700	3.35	95.0	3	2	30	4.0	0.02	38	8.5
103I	785050	9	542664	6079196	SLSN	35	3	1	6	00	01021	030	0051121	114	38	8	22	12	0.1	820	3.60	11.0	2	2	40	2.0	0.02	38	8.5
103I	785051	9	544031	6078847	SLSN	35	3	1	6	00	01201	022	0051221	158	48	10	14	14	0.4	1700	3.40	6.0	1	2	80	2.0	0.10	52	8.7
103I	785052	9	545373	6076037	MVCC	33	10	3	6	00	02031	111	0051121	140	50	8	6	10	0.1	2500	3.00	1.0	2	2	100	3.0	0.02	48	8.5
103I	785053	9	546151	6074376	MVCC	33	60	10	6	00	12046	210	0051121	82	34	8	9	10	0.1	550	3.30	23.0	2	65	20	2.0	0.02	40	8.1
103I	785054	9	547212	6073269	MVCC	33	80	10	6	00	11246	210	0051121	82	42	6	6	10	0.1	770	2.25	6.0	1	2	20	2.0	0.02	34	7.9
103I	785055	9	547614	6071901	MVCC	33	10	2	6	00	02031	022	0051121	126	50	9	10	15	0.1	2200	3.50	2.0	2	2	110	4.0	0.02	34	7.9
103I	785056	9	548022	6070577	MVCC	33	10	1	6	00	01031	210	0051121	76	32	6	15	10	0.1	750	3.00	5.0	2	2	70	26.0	0.18	110	7.9
103I	785057	9	549420	6068720	GRNT	41	10	2	6	00	11021	120	0052221	82	64	4	3	8	0.1	860	2.70	2.0	2	2	30	4.0	0.02	30	7.4
103I	785058	9	547661	6066036	GRNT	41	20	3	6	00	01041	120	0051221	90	26	6	14	12	0.2	880	2.30	2.0	1	2	30	5.0	0.10	34	7.6
103I	785059	9	550586	6064597	MVCC	33	3	1	6	00	01021	031	0051132	100	148	2	18	19	0.1	1000	2.60	1.0	1	2	200	9.0	0.36	56	8.2
103I	785060	9	550902	6064464	MVCC	33	30	5	6	00	01241	030	0051132	86	24	3	6	8	0.1	830	1.45	2.0	1	2	70	2.0	0.12	24	8.2
103I	785062	9	544950	6055990	MVCC	33	3	1	6	00	02031	210	0052231	102	72	9	14	16	0.2	1200	2.95	0.5	1	16	30	1.0	0.02	10	8.1
103I	785063	9	544268	6055538	MVCC	33	6	1	6	00	12031	030	0051131	66	54	5	9	11	0.1	1600	2.50	0.5	1	2	40	3.0	0.10	10	7.9
103I	785065	9	539458	6052584	MVCC	33	20	2	6	10	11211	120	0051121	76	32	4	19	10	0.2	610	3.20	6.0	2	2	50	3.0	0.02	20	8.1
103I	785066	9	539458	6052584	MVCC	33	20	2	6	20	11211	120	0051121	70	28	4	20	10	0.1	610	3.10	5.0	1	2	50	2.0	0.02	20	8.0
103I	785067	9	539271	6051061	MVCC	33	3	1	6	00	11011	130	0051121	70	24	4	16	10	0.1	790	2.65	3.0	2	2	60	2.0	0.02	20	7.9
103I	785068	9	549777	6046071	MVCC	33	30	2	6	00	01031	130	0051131	54	24	2	4	8	0.1	570	1.80	1.0	1	2	10	1.0	0.02	30	7.4
103I	785069	9	550854	6043393	GRNT	41	20	3	6	00	01031	030	0051131	44	24	1	4	8	0.1	485	1.65	0.5	1	2	10	1.0	0.02	24	7.4
103I	785070	9	550519	6043163	GRNT	41	10	3	6	00	01041	210	0051131	46	18	2	4	7	0.1	690	1.65	0.5	1	2	30	4.0	0.26	24	7.4
103I	785071	9	548544	6046837	MVCC	33	10	1	6	00	11011	121	0051231	80	110	12	10	14	0.1	1800	3.20	7.0	2	6	100	8.0	0.05	22	8.2

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785072	9	547097	6047028	MVCC	33	20	1	6	00	01021	030	0051231	92	56	6	8	11	0.3	1700	2.60	4.0	1	2	70	4.0	0.05	20	8.3
103I	785073	9	547695	6045612	MVCC	33	20	2	6	00	01031	220	0051131	56	46	2	7	11	0.1	770	2.00	1.0	1	2	50	4.0	0.02	20	7.9
103I	785074	9	545832	6046332	MVCC	33	10	3	6	00	01031	021	0051131	64	48	4	7	11	0.1	790	2.40	1.0	1	2	30	4.0	0.02	22	7.7
103I	785075	9	544093	6046885	MVCC	33	20	3	6	00	02031	220	0051131	194	420	64	22	45	0.8	825	7.20	2.0	58	18	30	3.0	0.02	30	7.9
103I	785076	9	544034	6048546	GRNT	41	10	2	6	00	02031	120	0051131	64	42	4	12	12	0.1	1050	2.55	2.0	2	2	100	17.0	0.34	36	8.1
103I	785077	9	542917	6049717	GRNT	41	10	2	6	00	11021	120	0051131	36	20	3	6	7	0.1	260	1.90	1.0	1	2	30	2.0	0.02	40	7.9
103I	785078	9	538129	6048022	GRNT	41	13	2	6	00	11011	030	0051121	74	26	4	18	10	0.1	545	2.90	5.0	1	2	50	3.0	0.14	50	8.4
103I	785079	9	538638	6048719	GRNT	41	6	1	6	00	11011	031	0051121	76	32	4	18	12	0.2	820	3.00	4.0	2	2	60	5.0	0.16	54	8.3
103I	785080	9	563524	6028455	MVCC	33	35	4	6	00	11031	130	0051141	58	40	2	12	11	0.2	750	1.80	2.0	1	2	10	2.0	0.02	44	8.0
103I	785082	9	563179	6029078	MVCC	33	15	2	6	00	11021	130	0051141	82	28	2	14	12	0.1	1700	3.20	5.0	1	2	30	2.0	0.05	56	8.2
103I	785083	9	561976	6031115	MVCC	33	30	2	6	00	01021	220	0151141	46	20	2	7	10	0.1	620	1.10	2.0	1	2	10	1.0	0.02	36	8.0
103I	785084	9	564307	6032359	MVCC	33	13	2	6	00	11011	120	0051141	108	46	6	20	14	0.1	1550	2.80	4.0	1	2	60	2.0	0.02	40	7.7
103I	785085	9	564775	6030817	MVCC	33	10	1	6	00	11011	120	0051141	86	34	4	8	8	0.1	1600	2.35	6.0	1	2	40	2.0	0.02	34	8.0
103I	785087	9	536040	6047474	GRNT	41	30	3	6	00	11031	210	0051121	82	58	1	16	13	0.1	755	2.15	3.0	1	2	30	2.0	0.02	64	7.7
103I	785088	9	536628	6050491	MVCC	33	10	1	6	00	01031	220	0051121	82	66	2	22	16	0.1	1300	2.90	5.0	5	2	50	3.0	0.02	68	8.1
103I	785089	9	536371	6053180	MVCC	33	15	1	6	00	01031	210	0051121	102	32	4	21	14	0.1	1250	1.50	2.0	1	2	10	2.0	0.02	38	7.6
103I	785090	9	538662	6055721	MVCC	33	55	4	6	00	01031	030	0051121	122	26	4	16	10	0.1	570	2.30	6.0	2	2	30	4.0	0.02	40	7.5
103I	785091	9	539214	6057410	MVCC	33	33	1	6	00	01021	310	0051121	250	86	11	34	20	0.2	1950	2.95	4.0	1	5	40	2.0	0.02	50	8.1
103I	785092	9	540177	6058270	MVCC	33	44	15	6	00	01021	210	0051121	66	22	3	14	8	0.1	510	2.50	4.0	1	4	20	3.0	0.02	52	7.8
103I	785093	9	541043	6058732	MVCC	33	3	1	6	00	01011	310	0051121	130	16	2	24	16	0.1	1250	2.30	3.0	2	6	30	3.0	0.02	50	7.6
103I	785094	9	541623	6060528	MVCC	33	4	1	6	00	11021	210	0051121	192	68	7	38	22	0.1	1850	2.85	2.0	1	8	30	3.0	0.02	110	8.2
103I	785095	9	542515	6061707	MVCC	33	60	4	6	10	11031	210	0051121	50	34	2	8	6	0.1	420	2.00	3.0	2	5	10	5.0	0.02	50	7.8
103I	785096	9	542515	6061707	MVCC	33	60	4	6	20	11031	210	0051121	52	32	2	8	6	0.1	440	1.95	2.0	1	6	10	4.0	0.02	46	7.7
103I	785097	9	543937	6064035	GRNT	41	30	3	6	00	11031	210	0051121	94	52	8	28	12	0.4	690	3.70	12.0	4	16	10	4.0	0.10	38	7.8
103I	785098	9	544500	6065285	GRNT	41	30	3	6	00	11231	030	0051121	68	28	5	12	8	0.1	570	2.65	12.0	1	2	10	0.5	0.20	36	7.9
103I	785099	9	546237	6071041	GRNT	41	3	1	6	00	11011	022	1051121	106	24	5	22	30	0.1	17500	4.50	17.0	3	2	40	1.0	0.02	40	7.9
103I	785100	9	545731	6072564	GRNT	41	6	2	6	00	11026	030	0051121	78	34	5	24	12	0.1	765	3.50	7.0	1	2	50	3.0	0.02	44	8.0
103I	785102	9	543209	6075243	SLSN	35	3	1	6	00	21011	030	0051121	82	28	7	22	11	0.1	990	3.00	4.0	1	2	40	5.0	0.02	94	8.0
103I	785103	9	542455	6076083	SLSN	35	3	1	6	00	11016	030	0051121	76	30	4	22	12	0.1	820	2.95	6.0	1	2	40	3.0	0.10	44	8.1
103I	785104	9	538615	6090653	SLSN	35	3	1	6	00	11011	031	0051121	80	56	6	10	7	0.1	1800	1.50	8.0	3	2	30	2.0	0.02	30	8.3
103I	785105	9	536288	6051725	MVCC	33	8	1	6	00	11031	210	0051121	72	166	1	22	15	0.1	1000	2.35	1.0	1	4	30	2.0	0.20	28	8.2
103I	785106	9	562196	6031690	MVCC	33	6	1	6	00	21021	210	0041141	82	26	2	7	12	0.1	2100	3.10	3.0	1	2	30	2.0	0.02	24	7.8
103I	785107	9	558034	6034557	MVCC	33	10	1	6	00	01031	120	0051231	124	66	3	16	12	0.1	1900	2.45	3.0	1	2	20	3.0	0.02	30	7.8
103I	785109	9	555927	6034404	MVCC	33	25	3	6	00	01031	030	0051131	116	94	9	24	14	0.1	1100	2.65	1.0	1	2	10	2.0	0.02	22	7.7
103I	785110	9	551167	6034941	MVCC	33	30	3	6	00	11031	030	0051131	86	38	9	14	12	0.1	900	2.60	1.0	1	2	10	2.0	0.02	10	7.8
103I	785111	9	548083	6033393	MVCC	33	25	3	6	00	11036	210	0051131	68	74	2	14	15	0.1	645	2.95	1.0	1	2	10	2.0	0.02	10	7.7
103I	785112	9	549383	6033093	MVCC	33	22	3	6	00	11036	210	0051131	72	72	3	15	16	0.1	870	2.75	1.0	1	2	10	2.0	0.02	10	7.6
103I	785113	9	546380	6036127	GRNT	41	13	2	6	00	12031	220	0051231	70	66	4	12	13	0.1	865	2.85	2.0	1	2	30	2.0	0.02	10	7.5
103I	785114	9	545602	6036319	GRNT	41	20	2	6	00	12036	030	0051131	90	48	5	11	12	0.2	760	2.55	3.0	1	2	20	3.0	0.02	10	7.8
103I	785115	9	544548	6037158	GRNT	41	3	1	6	00	11011	030	0051131	72	50	4	9	10	0.1	910	2.70	3.0	1	2	30	3.0	0.02	10	8.0
103I	785116	9	544031	6037746	GRNT	41	10	3	6	00	11021	210	0051231	76	32	4	7	9	0.1	910	2.50	2.0	5	2	30	11.0	0.10	10	7.6
103I	785117	9	539923	6033730	GRNT	41	20	2	6	10	01046	310	0051141	88	94	12	8	16	0.2	790	2.60	6.0	4	40	20	4.0	0.02	10	7.3
103I	785118	9	539923	6033730	GRNT	41	20	2	6	20	01046	310	0051141	84	94	10	7	16	0.1	800	2.60	5.0	1	56	20	4.0	0.02	10	7.1
103I	785119	9	540380	6033677	GRNT	41	35	4	6	00	01036	210	0051131	74	68	2	10	16	0.1	660	3.10	2.0	1	2	5	1.0	0.02	10	7.8
103I	785120	9	541019	6034206	GRNT	41	22	3	6	00	01046	120	0051141	275	130	22	16	30	0.2	1300	4.10	12.0	1	2	30	0.5	0.02	10	7.9
103I	785122	9	539697	6035432	GRNT	41	13	2	6	00	11031	220	0051141	52	44	5	10	11	0.2	730	2.15	1.0	1	2	40	12.0	0.16	10	7.5
103I	785123	9	540273	6038856	GRNT	41	20	2	6	00	01036	130	0051131	38	18	4	7	7	0.1	560	1.80	0.5	1	2	50	5.0	0.20	24	7.4
103I	785125	9	540182	6039793	GRNT	41	13	2	6	00	12026	130	0051131	56	38	3	6	10	0.1	750	2.10	0.5	1	8	40	2.0	0.14	24	7.8
103I	785126	9	538451	6040797	MVCC	33	35	3	6	00	11041	310	0051131	62	62	4	12	14	0.1	775	2.50	3.0	1	2	40	2.0	0.02	10	7.5
103I	785127	9	536392	6041928	MVCC	33	20	2	6	00	02031	121	0051131	142	68	6	14	14	0.1	960	2.55	3.0	1	2	60	1.0	0.02	10	7.8

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785128	9	534684	6042436	MVCC	33	10	1	6	00	12011	030	0051221	84	38	3	11	18	0.1	890	3.30	2.0	4	4	50	7.0	0.12	36	7.6
103I	785129	9	536716	6046177	GRNT	41	30	1	6	10	11021	220	0051120	88	40	5	18	18	0.1	1100	3.55	2.0	4	2	60	2.0	0.05	10	7.8
103I	785130	9	536716	6046177	GRNT	41	30	1	6	20	11021	220	0051120	88	42	6	19	19	0.1	1100	3.45	2.0	2	2	40	2.0	0.10	10	7.9
103I	785131	9	560273	6049820	GRNT	41	30	3	6	00	01031	220	0031131	94	40	8	18	15	0.1	1100	2.80	4.0	1	6	60	1.0	0.02	10	7.7
103I	785132	9	559718	6049741	GRNT	41	13	5	6	00	01021	120	0051141	100	142	14	16	18	0.1	1650	3.85	4.0	2	2	50	2.0	0.05	10	7.7
103I	785133	9	560833	6048754	MVCC	33	3	1	6	00	01021	121	0031141	102	54	8	15	12	0.1	1800	2.70	2.0	2	4	90	4.0	0.05	10	7.5
103I	785134	9	559107	6046845	GRNT	41	20	2	6	00	02031	220	0051141	62	42	4	5	10	0.1	930	2.25	6.0	1	2	40	2.0	0.05	10	7.8
103I	785135	9	558423	6048428	GRNT	41	20	1	6	00	11021	130	0051131	68	42	4	6	10	0.1	860	2.40	2.0	1	2	40	1.0	0.02	10	7.6
103I	785136	9	556682	6048491	GRNT	41	15	2	6	00	11031	210	0051131	98	80	12	22	19	0.1	1400	3.60	5.0	2	2	70	4.0	0.05	10	7.4
103I	785137	9	555020	6048025	MVCC	33	10	2	6	00	11031	130	0041131	186	200	32	19	30	0.2	1700	5.00	15.0	4	4	60	1.0	0.12	10	7.4
103I	785138	9	554111	6047710	MVCC	33	10	2	6	00	11031	130	0041131	144	106	10	24	22	0.1	1300	3.90	5.0	1	14	60	1.0	0.05	10	7.6
103I	785139	9	555314	6046678	GRNT	41	10	2	6	00	12021	210	0041131	96	66	11	10	12	0.1	1250	2.90	6.0	4	2	70	4.0	0.14	10	7.8
103I	785140	9	554423	6045937	GRNT	41	30	3	6	00	11036	030	0042131	72	70	2	10	14	0.1	800	2.60	2.0	1	2	40	1.0	0.02	10	7.6
103I	785143	9	553221	6045570	GRNT	41	15	2	6	00	11031	030	0051131	64	46	6	4	9	0.4	1050	1.95	2.0	4	2	60	1.0	0.02	10	7.9
103I	785144	9	552055	6046552	MVCC	33	7	1	6	10	01041	130	0051131	86	66	7	9	12	0.1	1400	2.50	2.0	1	2	70	1.0	0.02	10	8.2
103I	785145	9	552055	6046552	MVCC	33	7	1	6	20	01041	130	0051131	82	62	6	10	12	0.1	1100	2.40	2.0	2	2	60	1.0	0.02	10	8.2
103I	785146	9	550424	6047077	MVCC	33	10	1	6	00	01021	030	0051131	102	74	26	16	18	0.2	1350	3.40	4.0	2	2	60	2.0	0.02	10	7.9
103I	785147	9	450712	6002819	GRNT	41	20	2	6	00	02131	310	0041121	36	8	4	4	6	0.1	310	1.40	0.5	1	2	30	2.0	0.02	10	7.1
103I	785148	9	450710	6004835	GRNT	41	33	2	6	00	02121	210	0041121	18	2	2	2	3	0.1	150	0.90	0.5	1	2	40	3.0	0.02	10	6.8
103I	785149	9	443484	5998375	GRNT	41	40	3	6	00	02131	220	0051121	24	2	2	2	3	0.2	110	1.00	0.5	1	2	70	2.0	0.02	10	5.5
103I	785150	9	450043	6005260	GRNT	41	10	1	6	00	02021	210	0051120	22	14	2	5	4	0.1	100	1.10	0.5	1	2	50	1.0	0.02	10	5.9
103I	785151	9	446929	6000399	GRNT	41	22	2	6	00	02011	210	0041120	16	4	3	2	2	0.1	130	0.90	0.5	1	2	40	3.0	0.05	10	6.3
103I	785152	9	446557	6000552	GRNT	41	10	2	6	00	02021	310	0041130	30	6	2	3	5	0.1	350	1.45	0.5	1	2	70	2.0	0.02	10	6.6
103I	785153	9	445899	6004997	GRNT	41	20	2	6	00	02121	210	0041131	22	6	2	3	4	0.2	360	1.20	0.5	1	2	80	1.0	0.02	10	6.4
103I	785154	9	446289	6004799	GRNT	41	30	2	6	00	02121	220	0041121	16	2	1	2	2	0.1	80	0.70	0.5	1	2	60	1.0	0.02	10	6.5
103I	785155	9	443659	6006367	GRNT	41	10	1	6	00	02121	310	0041221	66	26	6	14	10	0.3	430	2.55	4.0	1	2	70	2.0	0.02	10	5.7
103I	785156	9	442955	6001507	GRNT	41	22	2	6	00	02121	220	0041121	18	2	2	2	2	0.1	110	0.80	0.5	1	2	50	1.0	0.02	10	6.0
103I	785157	9	441419	6005561	GRNT	41	30	2	6	00	02121	210	0041121	12	2	1	2	2	0.1	75	0.65	0.5	1	2	30	4.0	0.02	10	6.3
103I	785158	9	439745	6004421	GRNT	41	10	2	6	00	02131	310	0047121	22	4	2	3	2	0.1	65	0.90	0.5	1	2	50	2.0	0.02	10	5.4
103I	785159	9	439304	6001808	GRNT	41	20	1	6	00	02021	310	0041121	38	10	114	3	3	0.1	130	1.30	1.0	1	2	180	1.0	0.02	10	6.9
103I	785160	9	439490	5999763	GRNT	41	23	2	6	00	02041	210	0041121	24	2	2	2	2	0.1	110	0.80	0.5	1	2	70	1.0	0.02	10	5.9
103I	785162	9	442611	5995070	GRNT	41	15	1	6	00	12036	210	0052221	60	14	40	12	9	0.2	475	2.05	0.5	1	2	80	1.0	0.02	10	6.1
103I	785163	9	441297	5996983	GRNT	41	50	3	6	00	12131	111	0051121	18	4	2	3	2	0.1	170	0.90	0.5	1	2	70	1.0	0.02	10	5.6
103I	785164	9	437528	6011997	GRNT	41	20	3	6	00	02021	022	0052131	20	6	1	2	3	0.2	110	1.00	0.5	1	2	80	1.0	0.02	10	5.5
103I	785165	9	441732	6018053	GRNT	41	60	3	6	00	02026	030	0051121	20	2	2	2	2	0.1	100	0.80	0.5	1	2	50	3.0	0.02	10	5.5
103I	785166	9	441661	6017323	GRNT	41	20	3	6	00	02036	220	0052231	28	4	2	4	4	0.2	125	1.75	0.5	1	2	70	2.0	0.02	10	5.6
103I	785167	9	440042	6017091	GRNT	41	3	2	6	00	02036	120	0052231	36	8	2	6	6	0.1	270	1.65	0.5	1	2	40	2.0	0.02	10	6.1
103I	785168	9	440109	6023298	GRNT	41	20	2	6	00	02031	121	0052221	56	12	4	9	8	0.1	260	2.10	0.5	1	2	50	3.0	0.02	10	6.0
103I	785169	9	440024	6023535	GRNT	41	30	3	6	00	02036	220	0051111	52	16	6	9	10	0.2	300	2.40	0.5	1	2	60	3.0	0.02	10	5.9
103I	785170	9	439338	6023204	GRNT	41	30	3	6	00	02021	220	0051121	22	4	1	4	3	0.1	110	0.90	0.5	1	2	40	3.0	0.02	10	5.8
103I	785171	9	438636	6021677	GRNT	41	40	3	6	00	02031	120	0051121	8	2	2	2	2	0.1	35	0.50	0.5	1	2	40	4.0	0.02	10	5.3
103I	785173	9	437569	6022135	GRNT	41	15	1	6	00	02036	210	0052221	58	26	4	17	10	0.1	390	2.30	0.5	1	2	50	5.0	0.02	10	6.5
103I	785174	9	436427	6021201	GRNT	41	10	1	6	00	02026	120	0052221	46	14	2	7	7	0.1	275	1.70	1.0	1	2	40	4.0	0.02	10	6.7
103I	785175	9	435407	6024966	GRNT	41	10	2	6	00	02031	210	0052221	66	30	3	16	12	0.1	465	2.70	1.0	1	2	40	10.0	0.02	10	6.4
103I	785176	9	436399	6024961	GRNT	41	35	3	6	10	02236	130	0052122	14	2	1	1	2	0.1	80	0.60	0.5	1	2	10	2.0	0.02	10	6.4
103I	785177	9	436399	6024961	GRNT	41	35	3	6	20	02236	130	0052122	14	2	1	1	2	0.1	75	0.55	0.5	1	2	10	1.0	0.02	10	6.3
103I	785178	9	445754	6038805	MSDM	33	40	3	6	00	02026	120	0051111	30	18	1	16	8	0.2	130	1.50	0.5	1	2	10	0.5	0.02	10	6.7
103I	785179	9	445732	6039728	GRNT	41	20	2	6	00	02036	220	0051121	14	8	1	3	3	0.1	90	1.20	0.5	1	2	10	2.0	0.10	10	6.6
103I	785180	9	445849	6043389	GNSS	10	30	3	6	00	02031	220	0052121	18	6	2	4	3	0.1	95	1.50	1.0	1	2	10	2.0	0.02	10	6.5
103I	785182	9	444331	6041388	GRNT	41	30	4	6	00	02026	220	0052121	28	8	1	4	3	0.1	125	1.30	0.5	2	2	10	3.0	0.02	10	6.4

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	785183	9	443053	6040679	MSDM	33	10	2	6	00	02026	120	0052221	28	28	1	22	10	0.1	130	1.30	0.5	1	2	10	1.0	0.02	10	7.0
103I	785184	9	442951	6037132	GNSS	10	60	3	6	00	02036	130	0051121	62	32	1	14	11	0.1	330	2.50	0.5	3	2	20	2.0	0.02	10	6.4
103I	785185	9	441784	6040168	MSDM	33	40	4	6	00	02136	220	0052121	56	28	1	12	9	0.2	225	2.05	0.5	4	2	10	4.0	0.02	10	6.5
103I	785186	9	439020	6040624	MSDM	33	30	2	6	00	02021	220	1052121	130	22	2	12	6	0.1	310	2.10	2.0	11	2	30	4.0	0.02	10	6.2
103I	785188	9	438885	6042694	MSDM	33	20	2	6	00	02031	220	0152231	285	54	2	23	13	0.2	685	2.90	1.0	7	2	20	4.0	0.10	20	7.3
103I	785189	9	438355	6040750	MSDM	33	50	3	6	10	02031	120	0051121	152	42	1	19	10	0.7	310	2.20	1.0	5	2	20	3.0	0.02	10	6.6
103I	785190	9	438355	6040750	MSDM	33	50	3	6	20	02031	120	0051121	166	44	1	20	11	0.4	325	2.40	1.0	5	2	10	3.0	0.02	10	6.1
103I	785191	9	438080	6040348	GNSS	10	15	1	6	00	02031	120	0052221	72	16	1	10	14	0.4	500	2.45	1.0	2	2	40	2.0	0.02	10	6.0
103I	785192	9	437004	6028563	GRNT	41	30	9	6	00	02036	120	0051111	46	10	1	8	8	0.2	310	1.40	0.5	1	2	20	4.0	0.02	10	6.1
103I	785193	9	440125	6029868	GNSS	10	35	3	6	00	02036	220	0051121	24	4	1	4	4	0.1	120	0.75	0.5	1	2	20	2.0	0.02	10	6.1
103I	785194	9	439222	6030609	GNSS	10	50	3	6	00	02036	130	0051121	34	6	1	8	6	0.1	165	1.10	0.5	1	2	10	1.0	0.05	10	6.2
103I	785195	9	438775	6030471	GNSS	10	30	3	6	00	02036	120	0052111	42	12	1	10	7	0.1	240	1.80	0.5	1	2	20	4.0	0.02	10	6.3
103I	785196	9	439166	6032099	GNSS	10	25	2	6	00	12031	121	0052221	48	16	1	12	12	0.1	260	2.40	0.5	1	2	40	2.0	0.10	10	6.1
103I	785197	9	435549	6032151	GNSS	10	30	4	6	00	12131	210	0051131	34	12	2	7	7	0.1	210	1.50	0.5	1	2	20	3.0	0.05	10	6.0
103I	785198	9	435513	6031579	GRNT	41	40	3	6	00	12236	120	0051131	34	8	1	4	6	0.2	200	1.50	0.5	2	2	10	3.0	0.10	10	6.2
103I	785199	9	435331	6031735	GRNT	41	30	3	6	00	12231	120	0051121	30	8	2	4	6	0.4	130	1.30	0.5	1	2	20	1.0	0.05	10	6.3
103I	785200	9	437905	6033043	GNSS	10	60	4	6	00	12131	220	0051121	38	8	1	7	6	0.4	210	1.60	0.5	1	2	10	3.0	0.05	10	6.3
103I	785202	9	437722	6035629	GNSS	10	30	3	6	00	12031	120	0051221	22	10	1	5	6	0.6	145	1.20	1.0	2	2	10	4.0	0.02	10	6.4
103I	785203	9	437447	6035195	GNSS	10	80	5	6	00	12026	130	0051111	42	12	1	9	7	0.1	220	1.90	0.5	2	2	20	2.0	0.02	10	5.8
103I	785204	9	436182	6037717	GNSS	10	80	10	6	00	12026	030	0051111	34	6	1	6	6	0.1	190	1.50	0.5	2	2	10	1.0	0.02	10	6.2
103I	785205	9	439685	6046502	MSDM	33	40	2	6	00	02031	220	0152111	182	52	1	32	19	0.3	490	3.55	1.0	5	2	30	2.0	0.02	10	7.1
103I	785206	9	437764	6048610	MSDM	33	15	2	6	00	02031	220	0151221	114	28	1	16	9	0.2	260	2.80	0.5	7	2	30	3.0	0.02	10	7.0
103I	785207	9	438085	6048757	MSDM	33	50	2	6	10	02031	030	0051111	192	44	1	30	14	0.2	365	3.10	1.0	7	2	20	2.0	0.02	26	7.3
103I	785208	9	438085	6048757	MSDM	33	50	2	6	20	02031	030	0051111	194	48	2	30	15	0.2	370	3.20	2.0	6	2	10	3.0	0.02	10	7.4
103I	785209	9	436116	6047151	MSDM	33	20	2	6	00	02021	121	1052221	196	36	2	13	6	0.4	545	3.05	2.0	11	2	50	4.0	0.02	10	6.9
103I	785210	9	435328	6044498	MSDM	33	10	1	6	00	02021	030	1052221	92	28	1	16	14	0.1	440	2.40	0.5	5	2	40	2.0	0.02	56	6.8
103I	785211	9	445390	6046203	GNSS	10	25	2	6	00	03021	220	0051111	28	18	1	10	8	0.1	240	1.70	0.5	3	2	20	5.0	0.02	10	7.2
103I	785212	9	444759	6047543	GNSS	10	35	3	6	00	02021	220	1051111	22	12	1	9	6	0.1	175	1.50	0.5	2	2	20	2.0	0.02	10	7.2
103I	785213	9	442873	6049097	GNSS	10	20	3	6	00	02031	210	0052121	16	16	1	18	10	0.1	210	1.25	0.5	1	2	40	4.0	0.05	10	6.7
103I	785214	9	443161	6048838	GNSS	10	40	3	6	00	02021	030	0051111	34	20	1	14	8	0.1	230	2.00	0.5	1	2	20	4.0	0.02	10	7.1
103I	785215	9	442140	6045459	GNSS	10	25	2	6	00	02026	120	0152121	26	16	1	10	5	0.1	130	1.10	0.5	1	2	10	3.0	0.02	10	7.3
103I	785216	9	441555	6048625	GNSS	10	20	10	6	00	02036	210	0051121	24	12	1	9	4	0.1	120	0.95	0.5	2	2	10	2.0	0.02	10	7.4
103I	785217	9	441844	6051634	GNSS	10	3	1	6	00	02021	111	0052211	52	4	1	6	8	0.1	400	2.10	0.5	1	5	40	4.0	0.14	10	6.1
103I	785218	9	453981	6044370	GRNT	41	30	2	6	00	02036	120	0052121	36	32	1	10	8	0.2	300	1.55	0.5	1	2	20	3.0	0.02	10	6.8
103I	785219	9	453868	6044092	GRNT	41	35	3	6	00	02036	120	0051111	30	22	1	8	6	0.2	240	1.30	0.5	1	2	10	2.0	0.02	10	7.0
103I	785222	9	452847	6044288	GRNT	41	20	2	6	00	02026	210	0051121	12	12	1	4	4	0.1	90	1.10	0.5	1	2	10	3.0	0.02	10	7.1
103I	785223	9	452311	6045220	GNSS	10	15	1	6	00	02036	210	0052121	58	32	1	16	10	0.1	290	1.60	0.5	1	2	10	3.0	0.02	10	7.3
103I	785224	9	450951	6044926	GNSS	10	15	2	6	00	02036	220	0051121	16	18	1	5	5	0.1	165	0.95	0.5	1	2	10	3.0	0.02	10	6.7
103I	785225	9	449791	6045462	GNSS	10	15	2	6	00	02026	210	1052121	22	12	2	6	4	0.1	170	1.60	0.5	1	2	10	3.0	0.02	10	7.0
103I	785226	9	449533	6046008	GNSS	10	15	1	6	00	02026	220	0052221	42	32	1	6	10	0.1	365	2.30	0.5	2	2	20	4.0	0.02	10	6.8
103I	785227	9	449205	6046866	GNSS	10	15	1	6	00	02021	210	0052221	30	22	1	12	10	0.1	320	1.90	0.5	2	2	20	6.0	0.02	10	6.5
103I	785228	9	449684	6047309	GNSS	10	15	2	6	00	02026	120	0052121	28	10	1	4	5	0.1	240	1.30	0.5	1	2	10	7.0	0.10	10	6.6
103I	785229	9	449171	6048857	GNSS	10	15	2	6	00	02036	210	0052121	28	36	1	22	10	0.1	145	1.60	0.5	3	2	10	3.0	0.02	10	6.8
103I	785230	9	449738	6049598	GNSS	10	10	1	6	00	02026	030	0052221	30	4	2	11	5	0.1	245	0.75	0.5	1	2	10	1.0	0.02	10	7.1
103I	785231	9	449883	6050994	GNSS	10	6	1	6	00	02021	210	0052221	34	12	1	7	6	0.1	240	2.40	0.5	1	2	30	3.0	0.05	10	7.3
103I	785232	9	452811	6050776	GNSS	10	25	2	6	00	02036	220	0057131	22	26	1	6	6	0.2	150	1.65	0.5	1	2	10	5.0	0.05	10	7.3
103I	785233	9	454610	6052830	GNSS	10	10	1	6	00	02026	220	0052221	76	34	1	22	12	0.1	555	2.80	0.5	1	2	20	6.0	0.02	10	7.2
103I	785234	9	454227	6052424	GNSS	10	20	1	6	10	02036	220	0052131	66	36	1	32	14	0.1	430	2.40	0.5	1	2	10	3.0	0.05	10	7.1
103I	785235	9	454227	6052424	GNSS	10	20	1	6	20	02036	220	0052131	62	36	1	30	14	0.1	420	2.50	0.5	1	2	10	2.0	0.02	10	7.1
103I	785237	9	453139	6053474	GNSS	10	10	2	6	00	02036	210	0052231	86	44	1	19	12	0.1	565	2.30	0.5	3	2	20	4.0	0.14	44	7.9

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	785238	9	452195	6052937	GNSS	10	15	2	6	00	02036	220	0052231	66	56	1	23	12	0.1	425	1.80	0.5	1	2	30	4.0	0.02	30	7.0
103I	785239	9	451114	6052225	GNSS	10	50	3	6	00	02026	220	0051131	28	22	1	6	6	0.1	170	1.40	0.5	1	2	10	3.0	0.02	20	7.1
103I	785240	9	448982	6052874	GNSS	10	3	1	6	00	02021	220	0052221	30	10	2	7	8	0.2	910	2.70	0.5	3	2	60	6.0	0.05	10	6.6
103I	785242	9	448223	6052385	GNSS	10	25	2	6	10	02036	120	0052121	42	54	1	40	16	0.1	230	2.35	0.5	4	2	10	3.0	0.02	10	6.9
103I	785243	9	448223	6052385	GNSS	10	25	2	6	20	02036	120	0052121	38	46	1	34	14	0.2	195	2.00	0.5	4	2	10	3.0	0.02	10	6.9
103I	785244	9	473965	6084235	GRNT	41	20	2	6	00	02021	210	0051121	56	4	2	2	6	0.1	455	2.10	1.0	1	2	30	48.0	0.42	10	7.5
103I	785245	9	475306	6085610	GRNT	41	20	2	6	00	02231	210	0052131	50	2	4	2	6	0.1	395	2.00	1.0	2	2	20	23.0	0.46	32	7.4
103I	785246	9	472430	6086584	GRNT	41	40	3	6	00	02021	310	0051121	38	2	3	2	4	0.1	320	1.30	0.5	2	10	10	15.0	0.42	32	7.6
103I	785247	9	471947	6086612	GRNT	41	20	2	6	00	02022	210	0051131	42	4	4	1	3	0.1	270	1.30	0.5	1	4	20	8.0	0.05	10	7.2
103I	785248	9	471267	6089480	GRNT	41	15	2	6	00	02031	130	0051131	14	2	2	1	2	0.1	130	1.00	0.5	1	2	40	6.0	0.40	10	7.6
103I	785249	9	471023	6089300	GRNT	41	50	3	6	00	02022	310	0051121	26	2	2	1	3	0.1	240	0.90	0.5	1	2	10	8.0	0.30	26	7.5
103I	785250	9	471066	6089929	GRNT	41	30	2	6	00	02031	210	0051131	40	2	4	2	4	0.1	410	1.50	0.5	1	2	30	37.0	0.88	28	7.7
103I	785251	9	470021	6090539	GRNT	41	6	1	6	00	02031	210	0052231	52	4	5	4	5	0.1	340	1.45	1.0	1	2	10	24.0	6.70	160	8.1
103I	785252	9	467806	6089707	GRNT	41	3	1	6	00	02021	220	0052231	16	2	1	2	2	0.1	145	0.70	1.0	1	2	20	5.0	0.26	66	8.0
103I	785253	9	467175	6088911	GRNT	41	30	2	6	00	02031	130	0051131	32	4	2	2	3	0.1	235	0.90	0.5	1	2	10	9.0	0.42	62	7.7
103I	785254	9	465461	6088382	GRNT	41	15	1	6	00	02031	220	0052231	24	4	1	2	2	0.1	160	0.80	0.5	1	2	10	5.0	0.38	56	7.6
103I	785255	9	472629	6081709	GRNT	41	20	1	6	00	02021	210	0051221	46	6	3	3	6	0.2	290	1.45	1.0	1	2	20	21.0	0.28	24	7.4
103I	785256	9	469759	6080570	GRNT	41	30	2	6	00	02236	220	0051231	20	8	1	5	5	0.1	160	0.85	0.5	1	2	10	4.0	0.12	28	7.5
103I	785258	9	468552	6082736	GRNT	41	50	3	6	00	02221	030	1051121	24	8	2	5	6	0.1	160	1.25	0.5	1	2	10	6.0	0.36	60	7.9
103I	785259	9	467447	6083875	GRNT	41	3	1	6	00	02021	310	0052231	36	2	4	2	4	0.1	295	1.20	0.5	1	2	40	15.0	0.36	66	7.9
103I	785260	9	466149	6084210	GRNT	41	10	2	6	00	02021	220	0052231	58	4	6	2	4	0.1	500	1.20	0.5	2	2	60	28.0	0.20	54	7.6
103I	785262	9	466673	6083628	GRNT	41	35	3	6	10	02226	130	0051121	32	6	1	5	6	0.1	230	1.20	0.5	1	2	10	8.0	0.32	66	7.5
103I	785263	9	466673	6083628	GRNT	41	35	3	6	20	02226	130	1051121	34	6	2	6	6	0.1	265	1.30	1.0	1	2	10	7.0	0.36	66	7.4
103I	785264	9	464958	6083385	GRNT	41	10	1	6	00	02021	210	0052231	34	8	4	8	5	0.2	345	1.30	1.0	1	2	20	8.0	0.56	36	7.5
103I	785265	9	467096	6079556	GRNT	41	25	2	6	00	02021	111	1052221	28	6	2	13	5	0.1	190	1.20	0.5	1	2	20	9.0	0.22	66	7.4
103I	785266	9	466799	6077558	GRNT	41	20	2	6	00	02031	210	0051121	16	2	1	2	3	0.1	120	1.20	1.0	1	2	10	10.0	0.24	54	7.2
103I	785268	9	464401	6079305	GRNT	41	20	2	6	00	02031	210	0052121	24	4	1	7	4	0.1	175	1.15	0.5	2	2	20	7.0	0.22	66	7.3
103I	785269	9	464706	6077506	GRNT	41	30	2	6	00	02021	210	1051121	28	4	1	4	3	0.1	145	0.90	1.0	1	2	10	7.0	0.38	50	7.0
103I	785270	9	467125	6053173	GNSS	10	30	2	6	00	03036	120	0052131	44	20	1	8	8	0.1	220	1.40	2.0	2	4	10	6.0	0.02	10	7.3
103I	785271	9	467440	6053370	GNSS	10	30	3	6	00	03036	120	0052121	46	20	2	6	8	0.1	255	1.65	3.0	1	2	10	4.0	0.02	10	7.2
103I	785272	9	465891	6054263	GNSS	10	50	3	6	00	03026	220	0051121	40	22	2	7	8	0.1	235	1.70	2.0	1	2	10	3.0	0.02	10	7.3
103I	785273	9	463930	6055539	GNSS	10	50	3	6	00	03026	120	0051121	40	20	1	6	7	0.1	230	1.60	3.0	2	2	10	7.0	0.02	10	7.2
103I	785274	9	460779	6056435	GNSS	10	60	3	6	00	03026	120	0051121	24	22	3	6	6	0.1	150	1.45	1.0	1	2	10	8.0	0.02	10	7.3
103I	785275	9	459341	6056047	GNSS	10	40	2	6	00	02226	130	0052131	18	18	1	6	5	0.1	110	1.15	0.5	1	2	10	9.0	0.02	10	7.1
103I	785276	9	459081	6056751	GNSS	10	15	1	6	00	02031	130	0052231	42	28	1	12	8	0.1	475	1.80	0.5	1	2	10	4.0	0.02	22	7.4
103I	785277	9	457877	6057008	GNSS	10	15	1	6	00	02026	030	0052231	34	22	1	10	7	0.1	370	1.55	0.5	1	2	10	6.0	0.02	10	7.4
103I	785278	9	457632	6056453	GNSS	10	20	2	6	00	02021	030	0052131	32	14	1	6	6	0.1	270	1.60	0.5	1	2	10	4.0	0.02	10	6.9
103I	785279	9	455727	6057307	GNSS	10	10	1	6	00	02031	030	0052231	52	24	1	12	9	0.1	480	2.10	0.5	1	2	30	5.0	0.02	22	7.3
103I	785280	9	455649	6056876	GNSS	10	10	1	6	00	02031	121	0052231	38	30	1	11	10	0.1	380	2.20	0.5	1	2	10	4.0	0.05	26	7.4
103I	785282	9	453568	6056799	GNSS	10	15	2	6	00	02036	220	1052231	46	38	1	10	10	0.1	330	2.40	0.5	1	4	10	14.3	0.05	10	7.5
103I	785283	9	452958	6057185	GNSS	10	15	2	6	00	02026	120	1052231	32	28	1	8	6	0.1	210	1.80	0.5	1	2	10	5.7	0.02	10	6.9
103I	785284	9	448351	6063030	GNSS	10	30	3	6	10	02021	120	0051131	34	40	1	22	14	0.1	280	2.70	1.0	2	2	10	1.3	0.02	10	7.7
103I	785285	9	448351	6063030	GNSS	10	30	3	6	20	02021	120	0051131	28	48	1	26	18	0.1	260	3.00	0.5	1	2	10	1.2	0.02	10	7.7
103I	785286	9	448965	6061124	GNSS	10	30	3	6	00	02031	030	0052131	30	50	1	27	18	0.1	270	3.10	0.5	1	2	20	1.3	0.05	10	7.6
103I	785287	9	449868	6059002	GNSS	10	40	3	6	00	02021	220	0052131	28	40	1	18	12	0.1	220	2.20	0.5	2	2	10	2.6	0.02	24	7.6
103I	785288	9	451343	6059338	GNSS	10	40	3	6	00	02031	220	0051131	56	26	2	9	8	0.1	440	1.90	0.5	1	2	10	2.3	0.02	10	7.3
103I	785289	9	451906	6060594	GNSS	10	10	1	6	00	02031	121	0052241	90	50	1	13	10	0.1	700	2.15	0.5	3	2	20	3.3	0.10	20	7.3
103I	785290	9	452381	6061877	GNSS	10	30	3	6	00	02021	030	0051131	62	30	1	8	7	0.1	435	1.80	0.5	3	2	10	3.5	0.05	10	7.3
103I	785291	9	453191	6062734	GNSS	10	20	2	6	00	02031	310	0052141	86	24	8	11	9	0.1	595	2.20	1.0	2	2	20	20.3	0.05	10	7.2
103I	785292	9	454412	6061293	GNSS	10	20	2	6	00	02036	030	0052141	74	42	2	6	7	0.1	640	1.65	0.5	2	2	10	4.1	0.02	10	7.2

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785294	9	454634	6061620	GNSS	10	20	2	6	00	02031	130	0052241	86	42	1	6	7	0.1	710	1.70	0.5	2	2	20	4.4	0.02	10	7.5
103I	785295	9	453747	6064632	GNSS	10	10	2	6	00	02021	210	0052241	90	14	2	8	8	0.1	580	1.70	0.5	1	2	30	3.3	0.10	10	7.2
103I	785296	9	454188	6064439	GNSS	10	13	2	6	00	02021	220	0052231	94	16	2	9	8	0.1	510	1.70	0.5	1	2	20	4.9	0.05	26	7.2
103I	785297	9	459513	6062061	GNSS	10	30	2	6	00	02021	210	0052141	28	14	1	4	4	0.1	245	1.75	0.5	2	2	10	6.1	0.10	26	7.3
103I	785298	9	458982	6062242	GNSS	10	20	2	6	00	02026	030	0052131	52	20	1	6	6	0.1	530	1.40	0.5	1	2	10	3.3	0.02	10	7.4
103I	785299	9	458765	6065381	GNSS	10	25	2	6	00	02026	120	0051131	56	18	1	11	7	0.1	310	1.80	2.0	1	2	10	2.1	0.05	20	7.6
103I	785300	9	460638	6065914	GNSS	10	35	3	6	00	02222	220	0052124	40	18	2	4	5	0.1	255	1.40	0.5	1	2	10	6.5	0.10	22	7.3
103I	785302	9	466543	6059728	GNSS	10	30	3	6	00	02026	120	0052122	42	14	1	5	7	0.2	245	1.40	1.0	1	2	10	5.0	0.05	24	7.4
103I	785304	9	466262	6060025	GNSS	10	25	2	6	00	02026	030	0052132	20	8	1	2	4	0.1	160	0.80	1.0	1	2	10	3.0	0.05	30	7.4
103I	785305	9	469994	6060334	GNSS	10	35	3	6	00	02226	220	0051114	36	12	2	3	6	0.1	270	1.70	2.0	2	2	20	9.0	0.02	10	7.3
103I	785306	9	468899	6062058	GNSS	10	50	2	6	00	02026	120	0052121	34	12	2	4	5	0.1	220	1.20	2.0	1	2	10	3.0	0.05	24	7.4
103I	785307	9	468433	6061965	GNSS	10	40	2	6	00	02226	210	0052114	18	4	1	1	4	0.1	120	1.00	2.0	1	2	10	10.0	0.02	10	7.4
103I	785308	9	468862	6062479	GRNT	41	20	1	6	00	02036	220	0052221	44	4	2	2	6	0.1	260	1.70	0.5	1	2	10	9.0	0.11	10	7.3
103I	785309	9	467842	6064443	GRNT	41	15	1	6	00	02026	030	0052221	76	12	4	2	4	0.1	245	1.10	0.5	1	2	10	4.0	0.14	32	7.1
103I	785310	9	468164	6065391	GRNT	41	3	1	6	00	02036	120	0052221	54	8	4	2	6	0.1	300	1.80	0.5	1	2	30	4.0	0.20	68	7.7
103I	785311	9	467929	6066451	GRNT	41	15	1	6	00	02036	220	0052221	32	6	1	3	4	0.1	170	1.25	2.0	1	2	20	9.0	0.05	42	7.5
103I	785312	9	466567	6066730	GRNT	41	10	1	6	00	02031	220	0052231	108	8	3	9	7	0.1	420	1.60	0.5	1	2	20	17.0	0.18	22	7.5
103I	785313	9	466663	6066410	GRNT	41	25	3	6	10	02026	220	0052122	18	4	1	2	2	0.1	100	0.80	0.5	1	2	10	5.0	0.10	20	7.4
103I	785314	9	466663	6066410	GRNT	41	25	3	6	20	02026	220	0052122	22	8	1	2	2	0.1	120	0.75	0.5	1	2	10	6.0	0.10	10	7.3
103I	785315	9	467920	6068086	GRNT	41	3	1	6	00	02021	220	0052221	38	6	2	2	4	0.1	230	1.65	1.0	1	2	20	15.0	1.30	56	7.5
103I	785316	9	467491	6068622	GRNT	41	10	1	6	00	02026	220	0052221	30	4	1	4	4	0.1	170	1.20	1.0	1	2	20	6.0	0.05	10	7.1
103I	785317	9	472473	6066319	GRNT	41	15	1	6	00	03022	210	0052231	50	8	3	3	4	0.1	240	1.35	0.5	1	2	10	4.0	0.05	46	7.2
103I	785318	9	471972	6068834	GRNT	41	40	1	6	00	02026	030	0051121	36	6	2	2	4	0.1	170	1.40	0.5	1	2	10	9.0	0.10	32	7.4
103I	785319	9	472128	6069035	GRNT	41	30	2	6	00	02026	120	0052131	26	6	2	2	3	0.1	180	0.90	0.5	1	2	20	6.0	0.42	30	7.5
103I	785320	9	469956	6069913	GRNT	41	50	3	6	00	02026	220	0051121	30	4	1	1	3	0.1	155	1.10	0.5	2	2	20	7.0	0.10	38	7.1
103I	785322	9	467870	6069912	GRNT	41	70	3	6	00	02026	120	0051121	32	4	1	2	4	0.1	175	1.20	0.5	1	2	20	9.0	0.12	32	7.6
103I	785323	9	464942	6069392	GRNT	41	25	2	6	10	02026	120	0052121	52	14	1	4	4	0.1	285	1.00	1.0	1	2	10	4.0	0.10	10	7.2
103I	785324	9	464942	6069392	GRNT	41	25	2	6	20	02026	120	0052121	42	10	1	4	4	0.1	295	0.90	1.0	1	2	10	3.0	0.12	10	7.1
103I	785325	9	466508	6070885	GRNT	41	30	2	6	00	02031	130	0052121	40	12	1	4	3	0.1	300	0.90	2.0	1	2	10	6.0	0.20	20	7.0
103I	785327	9	466908	6072302	GRNT	41	30	2	6	00	02036	220	0052121	34	4	2	3	4	0.1	310	1.20	0.5	1	2	20	13.0	0.30	10	7.5
103I	785328	9	465618	6074132	GRNT	41	6	1	6	00	02021	111	1052221	36	8	2	5	5	0.1	580	1.50	1.0	1	2	50	26.0	0.44	36	7.4
103I	785329	9	464729	6075954	GRNT	41	10	2	6	00	02021	120	1052221	22	4	2	3	4	0.1	370	1.15	0.5	1	2	40	10.0	0.44	44	7.0
103I	785330	9	461646	6070011	GRNT	41	10	1	6	00	02036	210	0052231	52	6	2	6	6	0.3	355	1.15	2.0	1	2	20	9.0	0.42	24	7.3
103I	785331	9	460294	6069450	GRNT	41	10	1	6	00	02031	120	0052231	86	20	1	18	10	0.2	480	1.90	0.5	1	2	20	4.0	0.05	10	7.1
103I	785332	9	461302	6068917	GRNT	41	15	1	6	00	02036	120	0052231	98	16	1	18	9	0.1	600	1.60	2.0	1	2	10	5.0	0.20	10	7.2
103I	785333	9	459970	6067662	GNSS	10	60	3	6	00	02221	120	1051131	38	12	2	5	4	0.1	220	1.20	0.5	1	2	10	3.0	0.05	10	7.2
103I	785334	9	462558	6063087	GRNT	41	35	3	6	00	02221	220	0052124	48	18	1	5	6	0.1	340	1.40	1.0	1	2	10	4.0	0.05	10	7,3
103I	785335	9	461620	6065006	GRNT	41	35	5	6	00	02221	210	0052124	54	18	2	5	6	0.1	370	1.55	1.0	2	2	10	4.0	0.02	20	7.3
103I	785336	9	461848	6065326	GRNT	41	20	1	6	00	02036	120	0052231	46	14	1	16	9	0.1	380	1.90	0.5	1	2	10	7.0	0.12	20	7.3
103I	785337	9	452336	6066826	GNSS	10	50	5	6	00	02021	030	0051142	34	30	1	12	10	0.1	280	2.00	1.0	1	2	10	11.0	0.02	10	7.1
103I	785338	9	452583	6069238	GNSS	10	22	2	6	00	01011	220	0011142	34	12	1	8	6	0.2	310	1.40	1.0	2	2	30	0.5	0.10	10	7.0
103I	785339	9	451517	6068322	GNSS	10	10	1	6	00	02011	030	0050242	68	28	2	12	10	0.2	565	2.35	1.0	5	2	40	6.0	0.02	10	6.6
103I	785340	9	453295	6072794	GNSS	10	10	2	6	00	01011	220	0017241	30	12	1	10	5	0.1	230	0.90	0.5	1	2	10	4.0	0.10	10	7.0
103I	785342	9	454711	6073036	GNSS	10	10	1	6	00	02021	310	0051243	82	28	3	16	10	0.1	630	2.20	0.5	3	2	20	12.0	0.10	10	7.2
103I	785343	9	456117	6068781	GNSS	10	33	2	6	00	02031	120	1151141	32	12	2	4	3	0.1	300	1.10	0.5	2	2	10	6.0	0.02	10	7.0
103I	785344	9	456546	6072119	GNSS	10	40	10	6	00	01011	121	0010131	28	8	1	2	3	0.2	300	1.20	1.0	1	2	20	7.0	0.02	10	7.1
103I	785345	9	456526	6073130	GNSS	10	20	1	6	00	02021	220	0051141	140	26	1	16	10	0.1	710	2.40	0.5	1	2	20	7.0	0.02	10	7.2
103I	785347	9	458788	6073071	GRNT	41	22	2	6	10	00021	030	0051141	54	14	1	18	6	0.1	330	1.55	1.0	1	2	20	5.0	0.02	20	7.6
103I	785348	9	458788	6073071	GRNT	41	20	2	6	20	00021	030	0051141	48	14	1	16	6	0.1	280	1.40	1.0	1	2	20	4.0	0.05	10	7.6
103I	785349	9	460985	6073222	GRNT	41	33	2	6	00	01021	210	0051141	50	14	2	12	6	0.1	400	1.70	1.0	1	2	20	5.0	0.02	10	7.5

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785350	9	463202	6074137	GRNT	41	50	10	6	00	01021	220	0051141	36	8	1	7	4	0.1	210	1.20	0.5	2	2	10	3.0	0.02	10	7.5
103I	785351	9	462457	6071593	GRNT	41	20	2	6	00	03021	120	0051141	46	12	1	16	5	0.1	440	1.65	2.0	1	2	30	3.0	0.02	20	7.5
103I	785352	9	464808	6072906	GRNT	41	40	10	6	00	02231	210	0051141	44	12	1	10	5	0.1	650	1.60	2.0	1	2	20	6.0	0.02	10	7.6
103I	785353	9	454327	6076782	GRNT	41	30	2	6	00	02226	130	0051130	40	16	1	8	4	0.1	240	1.10	0.5	1	2	10	3.0	0.02	10	7.5
103I	785354	9	456469	6077062	GRNT	41	30	3	6	00	02226	220	0051130	34	16	1	8	5	0.1	235	1.20	0.5	1	2	10	3.0	0.02	10	7.6
103I	785355	9	458222	6079422	GRNT	41	30	2	6	00	02031	210	0051130	32	6	2	2	3	0.1	180	1.30	0.5	1	2	10	10.0	0.10	10	7.5
103I	785356	9	458548	6078081	GRNT	41	40	3	6	00	02021	210	0051130	28	8	2	4	6	0.1	165	1.90	1.0	1	2	20	11.0	0.10	10	7.3
103I	785357	9	458211	6077724	GRNT	41	40	10	6	00	01236	310	0051130	22	10	1	4	4	0.1	150	1.10	0.5	1	2	20	5.0	0.02	10	7.5
103I	785358	9	459389	6077818	GRNT	41	10	1	6	00	02021	210	0051131	76	26	3	16	14	0.1	660	2.75	1.0	1	2	50	5.0	0.34	36	7.6
103I	785359	9	459664	6077215	GRNT	41	10	1	6	00	02231	202	0051142	32	6	1	4	4	0.1	220	1.10	0.5	1	2	10	4.0	0.05	20	7.3
103I	785360	9	460843	6077353	GRNT	41	10	1	6	00	02021	130	0051140	88	14	1	6	9	0.1	480	2.40	1.0	1	2	40	22.0	0.52	100	8.1
103I	785362	9	461381	6076847	GRNT	41	10	1	6	00	02021	130	0051243	52	14	2	8	7	0.1	395	1.80	0.5	2	2	20	6.0	0.12	10	7.7
103I	785363	9	443868	6061310	GNSS	10	55	8	6	00	02036	210	0051131	54	18	1	10	6	0.1	400	1.60	1.0	1	2	10	6.0	0.02	10	7.1
103I	785364	9	446763	6059624	GNSS	10	60	10	6	00	02036	220	0051130	56	18	2	9	7	0.1	440	1.90	1.0	1	2	10	3.0	0.02	10	6.8
103I	785365	9	449533	6058741	GNSS	10	60	5	6	00	01026	121	0051131	36	14	1	5	4	0.1	300	1.60	2.0	3	2	20	5.0	0.02	10	6.6
103I	785366	9	449686	6057702	GNSS	10	10	2	6	00	01021	120	0051131	58	32	1	18	9	0.1	270	2.30	0.5	2	2	70	4.0	0.02	10	6.7
103I	785367	9	448283	6057135	GNSS	10	22	1	6	00	01011	120	1151131	34	18	1	5	5	0.1	300	2.10	1.0	1	2	20	4.0	0.02	10	6.8
103I	785368	9	448316	6056518	GNSS	10	10	1	6	00	01021	111	0051131	48	32	1	10	8	0.1	435	1.70	1.0	1	2	30	6.0	0.05	20	6.8
103I	785369	9	446339	6055847	GNSS	10	33	5	6	00	02236	220	0051130	44	26	1	17	9	0.1	385	1.85	0.5	1	2	10	6.0	0.10	10	6.7
103I	785370	9	447434	6052323	GNSS	10	20	2	6	00	01011	120	0051130	30	32	1	26	10	0.1	160	1.60	0.5	2	2	20	3.0	0.02	10	6.9
103I	785371	9	447509	6052983	GNSS	10	40	5	6	00	01021	220	0051130	26	14	1	11	7	0.1	370	4.55	0.5	1	2	20	10.0	0.05	10	7.1
103I	785372	9	446336	6053163	GNSS	10	20	2	6	00	01011	211	0051130	48	50	1	32	14	0.1	255	2.40	0.5	1	2	20	3.0	0.02	10	7.0
103I	785373	9	445542	6054730	GNSS	10	15	1	6	00	02021	111	0052221	108	24	2	22	12	0.1	870	2.45	0.5	2	2	30	2.0	0.02	10	6.8
103I	785374	9	444042	6053630	GNSS	10	20	1	6	00	02021	120	0052221	26	20	2	6	5	0.2	260	2.80	1.0	5	2	30	3.0	0.02	10	6.7
103I	785375	9	441688	6057807	GNSS	10	15	2	6	00	02031	120	0052231	42	28	1	16	11	0.1	320	2.00	0.5	1	2	20	3.0	0.05	10	6.6
103I	785376	9	441835	6058236	GNSS	10	30	2	6	00	02032	210	0052121	38	12	1	8	6	0.1	410	1.80	1.0	3	2	10	6.0	0.02	10	6.7
103I	785377	9	441285	6055556	GNSS	10	15	2	6	10	02031	210	0052231	46	42	24	12	20	0.1	370	2.40	1.0	17	7	20	4.0	0.02	10	6.0
103I	785378	9	441285	6055556	GNSS	10	15	2	6	20	02031	210	0052231	36	30	2	8	11	0.1	250	2.40	0.5	18	8	20	6.0	0.02	10	5.9
103I	785379	9	441605	6056014	GNSS	10	35	3	6	00	02031	130	0052121	32	12	2	6	6	0.1	300	1.85	1.0	5	2	10	8.0	0.02	10	6.7
103I	785382	9	442047	6053742	GNSS	10	60	3	6	00	02021	220	0051121	28	12	1	5	4	0.1	165	1.60	1.0	1	2	10	5.0	0.05	30	7.3
103I	785383	9	441682	6053571	GNSS	10	10	2	6	10	02021	220	0052221	36	14	1	6	6	0.1	260	4.45	2.0	6	2	10	4.0	0.05	10	6.2
103I	785384	9	441682	6053571	GNSS	10	10	2	6	20	02021	220	1052221	30	12	1	5	4	0.1	200	5.40	6.0	7	2	20	5.0	0.05	10	6.6
103I	785386	9	442519	6052742	GNSS	10	15	1	6	00	02031	220	0052221	26	10	1	8	5	0.1	180	1.30	0.5	1	2	10	5.0	0.05	10	7.0
103I	785387	9	440665	6063886	GNSS	10	25	2	6	00	02021	220	0052131	42	22	1	10	8	0.1	360	1.80	0.5	1	2	20	5.0	0.10	10	6.7
103I	785388	9	440364	6063796	GNSS	10	30	2	6	00	02121	120	0051121	26	12	1	6	6	0.1	300	1.40	1.0	1	2	20	6.0	0.05	10	6.7
103I	785389	9	439144	6066299	GRNT	41	30	2	6	00	02021	120	0052131	28	16	1	8	7	0.1	235	1.60	1.0	1	2	20	3.0	0.05	10	6.9
103I	785390	9	439472	6066153	GNSS	10	40	3	6	00	02121	220	1051121	34	16	1	10	6	0.1	285	1.60	0.5	1	2	20	6.0	0.10	10	6.8
103I	785391	9	440157	6067845	GNSS	10	15	2	6	00	02021	210	0052231	24	16	2	8	6	0.1	235	1.70	0.5	1	2	20	7.0	0.05	10	6.6
103I	785392	9	440898	6069416	GNSS	10	30	4	6	00	02131	310	0051121	24	16	1	7	6	0.1	250	1.70	1.0	1	2	10	5.0	0.05	10	6.8
103I	785393	9	446529	6068164	GNSS	10	15	2	6	00	02031	210	0052221	70	32	2	12	10	0.1	700	2.10	0.5	1	2	30	7.0	0.12	10	6.8
103I	785394	9	447607	6067680	GNSS	10	20	1	6	00	02036	220	0051221	32	14	1	14	5	0.1	270	1.10	1.0	1	2	10	2.0	0.05	10	6.4
103I	785395	9	448346	6068805	GNSS	10	15	1	6	00	02031	220	0052221	44	36	1	8	6	0.1	430	1.60	1.0	1	2	10	7.0	0.10	10	6.7
103I	785396	9	450562	6069675	GNSS	10	20	1	6	00	02021	210	0052221	40	52	1	9	24	0.1	1750	2.65	1.0	1	2	40	8.0	0.12	10	6.2
103I	785397	9	448359	6072373	GNSS	10	25	3	6	00	02026	210	0051121	30	22	1	8	6	0.1	260	1.50	1.0	1	2	10	7.0	0.10	10	6.8
103I	785398	9	450551	6072270	GNSS	10	35	3	6	00	02026	220	0051121	40	26	1	10	6	0.1	350	1.80	0.5	4	2	10	8.0	0.05	10	6.9
103I	785399	9	439558	6061044	GNSS	10	20	2	6	00	02021	210	1052221	34	12	2	12	3	0.1	520	2.45	0.5	1	2	20	4.0	0.05	10	7.0
103I	785400	9	440004	6060750	GNSS	10	30	3	6	00	02021	120	1051111	42	26	1	10	6	0.1	350	1.80	0.5	1	2	20	5.0	0.05	10	7.2
103I	785403	9	437310	6058756	GNSS	10	20	2	6	00	02021	210	0052221	30	10	2	4	6	0.1	330	2.30	0.5	1	2	30	3.0	0.02	10	7.4
103I	785404	9	437236	6057823	GNSS	10	35	3	6	00	02021	120	1051111	34	10	1	8	5	0.1	290	1.95	0.5	1	2	30	4.0	0.05	10	7.1
103I	785405	9	437372	6057579	GNSS	10	15	1	6	00	02021	220	0051221	16	12	1	4	3	0.1	150	1.95	2.0	1	2	20	4.0	0.02	10	6.7

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785406	9	435455	6056608	GNSS	10	10	2	6	10	02021	220	0051221	28	8	1	6	5	0.1	320	2.00	1.0	1	2	30	5.0	0.02	10	7.2
103I	785407	9	435455	6056608	GNSS	10	10	2	6	20	02021	220	0051221	30	6	1	6	6	0.1	320	1.90	1.0	1	2	30	4.0	0.02	10	7.3
103I	785408	9	436118	6056106	GNSS	10	10	1	6	00	02036	120	0051221	24	8	1	6	5	0.1	225	1.90	0.5	1	2	10	5.0	0.02	10	6.7
103I	785409	9	436054	6073796	GNSS	10	10	2	6	00	02021	220	1052221	28	18	1	8	4	0.1	170	1.35	0.5	1	2	30	4.0	0.10	10	6.8
103I	785410	9	435953	6074205	GNSS	10	20	2	6	00	02021	210	1052231	30	12	1	7	5	0.1	190	1.85	0.5	1	2	30	6.0	0.02	10	7.1
103I	785411	9	436763	6070800	GRNT	41	10	1	6	00	02021	210	1052221	50	32	1	14	10	0.1	455	2.30	1.0	1	2	50	6.0	0.02	20	7.3
103I	785412	9	436459	6066964	GRNT	41	15	2	6	00	02021	210	1052221	38	20	1	8	10	0.1	510	2.70	0.5	1	2	60	4.0	0.02	10	6.9
103I	785413	9	437460	6069566	GRNT	41	35	2	6	00	02021	111	1051121	44	18	1	8	6	0.1	360	1.75	0.5	1	2	30	5.0	0.05	10	7.0
103I	785414	9	439052	6070765	GNSS	10	3	1	6	00	02021	210	1052221	40	18	1	7	8	0.1	240	1.65	0.5	1	2	30	6.0	0.05	10	7.0
103I	785415	9	445715	6066423	GNSS	10	25	3	6	00	02031	210	0051221	46	18	1	10	7	0.1	335	1.20	2.0	1	2	10	2.0	0.02	10	7.1
103I	785416	9	444832	6066108	GNSS	10	15	1	6	00	02036	220	0051221	78	30	1	10	9	0.1	580	2.00	1.0	1	2	10	4.0	0.02	10	6.9
103I	785417	9	443660	6067045	GNSS	10	15	1	6	00	02026	210	0051221	34	16	1	6	6	0.1	265	1.40	1.0	1	2	10	7.0	0.02	10	6.8
103I	785418	9	443743	6068856	GNSS	10	3	1	6	00	02021	210	0052221	60	48	1	10	10	0.1	470	1.95	0.5	1	2	10	5.0	0.05	10	7.1
103I	785419	9	443500	6070183	GNSS	10	20	1	6	00	02021	310	0051121	44	24	1	11	10	0.1	395	2.20	0.5	1	2	10	5.0	0.02	10	6.9
103I	785420	9	441267	6070516	GNSS	10	3	1	6	00	02021	120	1051221	42	20	1	9	8	0.1	320	2.80	0.5	1	2	40	4.0	0.12	20	6.9
103I	785422	9	440526	6074587	GNSS	10	25	2	6	00	02021	310	1052211	24	16	1	8	8	0.2	295	1.70	0.5	4	2	20	4.0	0.02	56	7.4
103I	785423	9	440150	6074549	GNSS	10	20	2	6	00	02021	120	1052221	26	16	1	10	7	0.1	250	1.40	0.5	1	2	10	4.0	0.02	10	7.1
103I	785424	9	440337	6076435	GNSS	10	10	1	6	00	02021	121	1052221	30	8	1	10	8	0.1	290	1.60	0.5	1	2	40	5.0	0.02	10	7.0
103I	785425	9	439970	6079037	GNSS	10	3	1	6	00	02021	120	0052221	36	16	1	11	18	0.1	760	2.30	0.5	1	2	40	2.0	0.02	10	7.0
103I	785427	9	439439	6078862	GNSS	10	20	2	6	00	02021	310	0052121	58	20	4	15	10	0.1	345	2.30	0.5	1	2	30	4.0	0.02	10	7.4
103I	785428	9	437832	6080360	GNSS	10	15	2	6	00	02031	220	0052121	44	30	2	17	11	0.1	320	1.85	0.5	1	2	30	3.0	0.02	10	7.3
103I	785429	9	437548	6081230	GNSS	10	6	1	6	00	02011	220	0051221	50	28	2	15	14	0.1	360	3.20	1.0	1	2	30	3.0	0.02	10	7.3
103I	785430	9	436119	6081662	GNSS	10	35	2	6	00	02021	210	1052121	26	10	1	6	6	0.1	205	1.40	0.5	2	2	10	5.0	0.02	10	7.4
103I	785431	9	445903	6080438	GNSS	10	15	2	6	00	02021	310	0051111	94	26	1	10	10	0.1	580	2.20	0.5	2	2	20	4.0	0.02	10	7.0
103I	785432	9	445048	6082749	GNSS	10	25	2	6	00	02021	210	0051111	86	34	6	12	12	0.1	540	2.90	1.0	3	2	20	4.0	0.02	10	6.9
103I	785433	9	443899	6085346	GRNT	41	25	3	6	10	02021	120	0051111	58	18	1	8	8	0.1	375	2.00	0.5	6	2	30	3.0	0.02	10	7.0
103I	785434	9	443899	6085346	GRNT	41	25	3	6	20	02021	120	0051111	66	18	1	8	8	0.1	420	2.10	0.5	1	2	30	3.0	0.02	10	7.2
103I	785435	9	516422	6046808	SLSN	35	25	2	6	00	12031	220	0052131	44	22	1	21	8	0.1	265	1.95	4.0	1	2	20	8.0	0.26	10	7.2
103I	785436	9	506063	6047883	GRNT	41	15	2	6	00	02026	120	0051131	46	16	2	12	7	0.1	270	1.85	2.0	2	4	10	9.0	0.02	10	7.3
103I	785437	9	506027	6047611	GRNT	41	30	2	6	00	02021	130	0051131	48	12	2	16	9	0.1	300	2.20	2.0	1	2	20	0.5	0.02	10	6.9
103I	785438	9	508709	6049318	GRNT	41	15	2	6	00	02206	210	0051241	20	4	1	4	5	0.1	130	1.45	0.5	1	2	10	8.0	0.02	10	7.1
103I	785439	9	508267	6049161	GRNT	41	30	2	6	00	02021	210	0051131	52	16	1	15	8	0.1	320	2.20	2.0	3	2	20	7.0	0.02	10	7.0
103I	785440	9	507927	6051832	SLSN	35	40	3	6	00	02026	031	0051141	42	14	1	10	6	0.1	270	1.60	2.0	2	13	10	5.0	0.02	10	7.0
103I	785442	9	511864	6051494	SLSN	35	40	3	6	00	02036	220	0051131	56	14	1	16	9	0.1	345	2.00	2.0	2	2	20	4.0	0.02	10	7.5
103I	785443	9	511955	6051925	SLSN	35	40	3	6	00	02236	030	0051141	42	14	2	11	6	0.2	240	1.45	1.0	1	7	10	4.0	0.02	10	7.4
103I	785444	9	513014	6051047	SLSN	35	10	1	6	00	02026	220	0052231	106	60	12	44	21	0.2	1000	3.40	12.0	2	4	40	6.0	0.02	10	7.3
103I	785445	9	507237	6054134	SLSN	35	20	2	6	00	02036	210	0052131	78	36	2	30	12	0.1	430	3.30	15.0	2	5	20	2.0	0.02	10	7.3
103I	785446	9	506965	6056314	SLSN	35	20	2	6	10	02236	030	0052141	56	28	2	18	11	0.1	350	2.50	9.0	1	2	10	3.0	0.02	10	7.2
103I	785447	9	506965	6056314	SLSN	35	20	2	6	20	02236	030	0052141	58	30	1	20	11	0.1	370	2.80	9.0	1	2	10	2.0	0.02	10	7.1
103I	785448	9	509431	6055901	GRNT	41	30	3	6	00	02236	030	0052141	62	28	1	21	11	0.1	370	2.80	9.0	1	2	10	3.0	0.02	10	7.3
103I	785450	9	509552	6055517	GRNT	41	30	3	6	00	02236	220	0052131	88	46	6	32	13	0.1	470	3.20	10.0	1	13	20	3.0	0.02	10	7.9
103I	785451	9	512343	6056205	GRNT	41	45	3	6	00	02236	030	0051131	70	34	2	24	12	0.1	410	3.00	10.0	1	2	10	1.0	0.02	10	7.6
103I	785452	9	501585	6057034	SLSN	35	30	3	6	00	02236	220	0051131	30	14	1	8	4	0.1	110	1.60	2.0	1	12	10	3.0	0.02	10	7.3
103I	785453	9	501281	6057471	SLSN	35	30	3	6	00	02236	220	0051141	44	26	1	10	6	0.1	165	2.40	5.0	2	2	10	4.0	0.02	10	6.8
103I	785454	9	504901	6059328	SLSN	35	10	2	6	00	02026	210	0052241	92	52	5	50	18	0.1	450	3.40	28.0	2	2	20	3.0	0.02	10	7.1
103I	785455	9	504729	6059655	SLSN	35	50	3	6	00	02036	120	0051131	36	22	1	11	7	0.1	160	2.10	3.0	2	4	10	10.0	0.02	10	7.1
103I	785456	9	508551	6059294	SLSN	35	10	1	6	00	02031	210	0052241	168	82	36	84	31	0.2	1100	4.35	29.0	3	2	20	3.0	0.02	20	7.6
103I	785457	9	494432	6055654	GRNT	41	40	3	6	00	02236	030	0051134	22	2	2	1	4	0.1	140	1.20	0.5	1	2	10	9.0	0.66	10	7.4
103I	785458	9	493985	6056661	GRNT	41	35	3	6	00	02236	030	0052144	18	2	2	1	3	0.1	110	1.35	0.5	1	2	10	14.0	0.86	10	7.1
103I	785459	9	494650	6056496	GRNT	41	20	2	6	00	02226	130	0052144	30	6	1	2	4	0.1	165	1.80	8.0	1	2	10	9.0	0.12	10	6.9

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785460	9	495084	6057977	GRNT	41	10	1	6	00	02026	220	0052241	32	14	2	4	7	0.1	190	1.40	1.0	1	2	10	14.0	0.26	10	6.9
103I	785462	9	494860	6058973	GRNT	41	15	1	6	00	02026	120	0051241	34	2	1	2	4	0.1	195	1.60	1.0	1	2	20	8.0	0.16	10	7.3
103I	785463	9	496591	6059756	GRNT	41	20	1	6	00	02031	210	0052241	70	20	4	8	14	0.1	450	3.10	2.0	3	5	50	10.0	0.02	10	6.9
103I	785464	9	497508	6060535	GRNT	41	50	6	6	00	02236	210	0051131	16	4	2	1	4	0.1	100	1.65	1.0	2	2	10	23.0	0.60	10	7.3
103I	785465	9	497887	6060719	GRNT	41	20	1	6	00	02031	030	0052241	48	22	2	11	4	0.1	280	2.20	19.0	2	2	10	4.0	0.16	10	6.9
103I	785466	9	496898	6062333	GRNT	41	15	2	6	00	02036	220	0051241	34	10	2	3	5	0.1	200	1.50	2.0	2	2	20	10.0	0.20	10	7.1
103I	785467	9	497271	6063611	GRNT	41	25	1	6	00	02036	210	0051241	58	18	7	6	10	0.1	360	2.70	3.0	1	2	10	11.0	0.05	10	6.9
103I	785468	9	497857	6063340	GRNT	41	80	5	6	10	02236	120	0051134	22	4	2	2	3	0.1	130	1.70	1.0	1	2	10	16.0	0.60	10	7.1
103I	785469	9	497857	6063340	GRNT	41	80	5	6	20	02236	120	0051134	22	4	1	2	3	0.1	145	1.70	1.0	1	2	10	14.0	0.56	10	6.9
103I	785470	9	499774	6064209	SLSN	35	15	1	6	00	02031	120	0052241	126	54	6	28	16	0.1	525	4.95	50.0	2	2	20	3.0	0.02	10	7.0
103I	785471	9	500365	6064860	SLSN	35	10	1	6	00	02036	210	0052241	120	68	16	36	20	0.1	760	3.75	75.0	2	2	30	3.0	0.02	10	7.2
103I	785472	9	502750	6065224	SLSN	35	15	1	6	00	02021	210	0052241	90	40	6	17	12	0.1	590	3.65	25.0	4	2	30	4.0	0.02	10	7.0
103I	785473	9	505948	6065224	SLSN	35	10	2	6	00	02031	210	0052241	116	42	56	13	16	0.2	1000	3.40	120.0	2	16	50	5.0	0.02	10	7.3
103I	785474	9	507328	6065193	SLSN	35	10	1	6	00	02021	310	0052241	118	48	34	36	19	0.5	820	3.50	115.0	2	2	40	3.0	0.02	10	7.6
103I	785475	9	487149	6058062	GRNT	41	80	4	6	00	02226	210	0052124	26	6	1	1	3	0.1	160	1.50	1.0	1	2	20	14.0	0.42	10	6.8
103I	785476	9	486719	6058228	GRNT	41	30	2	6	00	02226	210	0052144	18	6	2	1	2	0.1	110	1.00	1.0	1	2	10	7.0	0.26	10	6.5
103I	785477	9	487928	6060401	GRNT	41	30	2	6	00	02226	030	0052144	20	4	2	1	2	0.1	130	1.35	0.5	1	2	10	42.0	0.64	10	6.5
103I	785478	9	487639	6060215	GRNT	41	120	3	6	00	02236	220	0051124	22	4	2	1	2	0.1	150	1.20	0.5	1	2	10	8.0	0.40	10	6.6
103I	785479	9	487655	6062187	GRNT	41	10	2	6	00	02021	130	0052241	36	4	3	2	3	0.1	245	1.40	1.0	1	2	10	16.0	0.40	10	6.8
103I	785482	9	486955	6062487	GRNT	41	50	3	6	10	02236	030	0052144	18	6	2	1	2	0.1	130	1.40	1.0	1	2	10	12.0	0.30	22	7.2
103I	785483	9	486955	6062487	GRNT	41	50	3	6	20	02236	030	0052144	18	4	2	1	2	0.1	110	1.60	1.0	1	2	10	15.0	0.32	10	7.0
103I	785484	9	487055	6064169	GRNT	41	3	1	6	00	02032	030	0052241	58	4	3	1	4	0.1	350	1.40	1.0	1	2	10	12.0	0.42	10	7.2
103I	785485	9	485137	6067854	GRNT	41	25	2	6	00	02236	310	0052141	16	4	5	1	2	0.1	120	2.20	1.0	1	2	10	28.0	0.30	10	6.7
103I	785486	9	478153	6061778	GRNT	41	50	3	6	00	03236	130	0052124	26	2	1	1	3	0.1	160	1.30	0.5	1	2	10	5.0	0.12	10	6.8
103I	785487	9	477831	6061873	GRNT	41	50	3	6	00	03236	120	0052134	26	12	1	2	3	0.1	130	1.20	1.0	1	2	10	5.0	0.05	10	6.7
103I	785488	9	478605	6063570	GRNT	41	50	3	6	00	02236	210	0052134	20	4	1	1	2	0.1	120	1.35	0.5	1	2	10	7.0	0.16	24	7.2
103I	785489	9	479954	6063927	GRNT	41	30	2	6	00	02222	022	0052134	48	4	2	1	4	0.1	260	1.70	1.0	1	2	20	7.0	0.20	10	6.8
103I	785490	9	480638	6065556	GRNT	41	15	1	6	00	02036	120	0052231	38	4	4	1	2	0.1	180	0.85	1.0	1	2	10	5.0	0.40	100	7.0
103I	785491	9	482126	6066274	GRNT	41	15	1	6	00	02032	310	0052231	32	6	3	1	3	0.1	200	1.45	0.5	1	2	10	17.0	0.30	22	7.0
103I	785492	9	481957	6067154	GRNT	41	6	1	6	00	02021	210	0052231	54	6	5	1	4	0.1	430	1.40	1.0	1	2	20	35.0	0.90	64	7.2
103I	785493	9	482911	6067468	GRNT	41	3	1	6	00	02021	310	0052231	66	8	8	1	4	0.1	810	1.50	1.0	1	2	50	29.0	0.68	10	7.0
103I	785494	9	482782	6068781	GRNT	41	30	2	6	00	02236	220	0052134	18	6	2	1	2	0.1	110	1.10	0.5	1	2	10	11.0	0.30	10	6.9
103I	785495	9	483576	6070147	GRNT	41	10	2	6	00	02021	210	0052231	50	6	4	2	4	0.1	350	1.60	0.5	1	2	20	16.0	0.22	10	6.9
103I	785497	9	484529	6070460	GRNT	41	15	2	6	00	02236	120	0052132	32	4	2	1	4	0.1	180	1.20	1.0	1	2	10	9.0	0.44	10	7.4
103I	785498	9	484558	6072819	GRNT	41	15	1	6	00	02031	030	0051231	82	36	2	12	9	0.1	395	3.60	6.0	5	2	10	5.0	0.14	10	7.2
103I	785499	9	483795	6073145	GRNT	41	10	2	6	00	02026	220	0052231	58	6	8	2	8	0.1	420	2.20	1.0	2	2	10	12.0	0.70	10	7.2
103I	785500	9	485311	6075077	GRNT	41	15	1	6	00	02036	210	0052231	40	16	8	2	7	0.1	520	2.10	2.0	1	2	20	5.0	0.18	10	7.3
103I	785502	9	487573	6076734	SLSN	35	30	2	6	00	02026	030	0051131	28	16	1	4	5	0.1	195	1.55	2.0	2	7	10	8.0	0.10	10	7.5
103I	785503	9	490425	6076900	SLSN	35	30	2	6	00	02236	210	0052131	62	38	2	15	9	0.1	340	3.20	4.0	4	22	20	5.0	0.24	42	7.5
103I	785504	9	493560	6077594	SLSN	35	20	3	6	00	01226	031	0051131	52	28	2	6	8	0.1	300	2.70	9.0	3	14	20	3.0	0.10	26	7.4
103I	785505	9	511726	6047013	GRNT	41	25	2	6	00	02021	120	0051131	36	6	2	10	5	0.1	270	1.40	0.5	2	2	30	8.0	0.36	10	7.1
103I	785506	9	514000	6047557	SLSN	35	30	3	6	00	02026	220	0051131	40	14	1	17	7	0.1	265	1.70	2.0	3	2	20	9.0	0.42	10	7.0
103I	785507	9	492588	6064191	GRNT	41	40	3	6	00	02236	120	1051144	18	4	1	1	3	0.1	130	2.00	0.5	1	2	10	20.0	0.32	10	7.0
103I	785508	9	492708	6063814	GRNT	41	50	3	6	00	02236	220	0051134	14	4	1	1	1	0.1	85	0.90	1.0	1	2	10	15.0	0.50	10	6.9
103I	785509	9	494993	6066743	GRNT	41	40	3	6	00	02236	210	0052144	12	4	1	1	2	0.1	90	1.20	1.0	1	2	10	16.0	0.56	10	7.0
103I	785510	9	495115	6066429	GRNT	41	60	4	6	00	02236	120	0051134	14	2	1	1	2	0.1	85	1.00	0.5	1	2	10	18.0	0.38	10	7.0
103I	785511	9	494916	6070586	SLSN	35	45	2	6	00	02236	210	0051144	40	16	1	4	6	0.1	250	2.10	4.0	3	2	10	5.0	0.30	10	7.2
103I	785512	9	495198	6070727	SLSN	35	10	2	6	00	02026	120	0052241	80	48	4	12	15	0.1	620	3.45	18.0	2	2	20	1.0	0.02	10	7.7
103I	785513	9	481716	6078531	SLSN	35	25	2	6	10	02236	120	0051141	30	16	2	6	8	0.1	160	1.70	1.0	2	2	10	3.0	0.02	10	7.4
103I	785514	9	481716	6078531	SLSN	35	25	2	6	20	02236	120	0051141	30	14	1	6	9	0.1	170	1.80	1.0	1	2	10	5.0	0.05	10	7.3

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	785515	9	472807	6076045	GRNT	41	40	2	6	00	02236	120	0052141	18	6	1	1	2	0.1	150	0.70	0.5	1	2	10	3.0	0.10	10	6.9
103I	785516	9	473169	6075695	GRNT	41	30	2	6	00	02036	220	0052141	20	18	1	1	3	0.1	220	1.00	0.5	1	2	10	7.0	0.18	10	7.2
103I	785518	9	474961	6080210	GRNT	41	35	3	6	00	03236	120	0052134	28	8	1	2	4	0.1	160	1.30	1.0	1	2	10	6.0	0.30	10	7.5
103I	785519	9	474096	6079488	GRNT	41	30	2	6	00	02026	220	0052241	28	22	1	14	10	0.1	160	1.70	1.0	1	2	10	4.0	0.10	10	7.1
103I	785520	9	475129	6076817	GRNT	41	40	3	6	00	02236	210	0051134	20	10	2	3	5	0.1	120	1.40	1.0	1	6	10	18.0	0.20	10	7.1
103I	785522	9	474900	6076471	GRNT	41	35	3	6	00	02236	120	0051134	20	8	1	2	3	0.1	210	0.80	0.5	1	2	10	4.0	0.12	10	7.4
103I	785523	9	476948	6074342	GRNT	41	30	3	6	00	02236	120	0052144	22	12	2	2	3	0.1	145	1.10	1.0	2	2	10	9.0	0.22	10	6.9
103I	785524	9	477732	6075867	SLSN	35	15	2	6	00	02231	220	0152241	68	30	2	8	13	0.1	400	3.25	3.0	1	4	20	2.0	0.02	10	7.0
103I	785525	9	479086	6074743	SLSN	35	25	4	6	10	02236	130	0052144	22	18	1	2	4	0.1	130	1.10	1.0	4	2	10	4.0	0.12	10	6.8
103I	785526	9	479086	6074743	SLSN	35	25	4	6	20	02236	130	0052144	26	20	1	2	3	0.1	150	1.20	1.0	6	2	10	5.0	0.16	10	6.8
103I	785527	9	481199	6074501	SLSN	35	15	1	6	00	02036	210	0052241	76	40	2	9	12	0.2	390	3.25	10.0	4	2	20	6.0	0.02	10	6.9
103I	785528	9	481312	6075116	GRNT	41	35	3	6	00	02236	120	0051141	28	14	1	6	8	0.1	145	1.60	1.0	1	2	20	5.0	0.05	10	7.0
103I	785529	9	483668	6075659	GRNT	41	10	2	6	00	02236	030	0052241	62	6	6	2	5	0.1	410	1.60	0.5	1	2	10	9.0	2.40	10	7.3
103I	785530	9	486685	6077564	SLSN	35	25	1	6	00	02036	220	0052231	44	20	4	3	7	0.1	425	2.10	2.0	4	11	20	5.0	0.02	24	7.0
103I	785531	9	488857	6078480	SLSN	35	10	2	6	00	02031	210	0051231	82	82	9	18	10	0.2	520	3.70	3.0	15	29	20	4.0	0.02	28	7.1
103I	785532	9	492387	6078849	SLSN	35	3	1	6	00	02031	310	0052231	144	88	8	64	19	0.1	765	4.40	7.0	4	8	10	3.0	0.02	32	7.2
103I	785533	9	495383	6077154	SLSN	35	20	2	6	00	02021	220	0052131	114	60	6	46	16	0.1	800	4.40	26.0	1	2	20	2.0	0.02	10	7.5
103I	785535	9	495209	6079492	SLSN	35	3	1	6	00	02026	210	0052231	150	128	12	126	26	0.1	1050	4.30	22.0	2	2	20	3.0	0.14	10	7.6
103I	785536	9	495597	6091550	GRNT	41	25	3	6	00	02236	120	0051144	20	18	2	8	4	0.1	130	1.25	1.0	3	2	10	8.0	0.16	10	7.3
103I	785537	9	500228	6086309	SLSN	35	20	2	6	00	02021	220	0052141	62	34	4	6	9	0.1	470	2.55	34.0	1	2	10	12.0	0.40	10	7.2
103I	785538	9	502167	6086974	SLSN	35	30	3	6	00	02026	120	0052141	50	18	3	10	7	0.1	400	2.25	7.0	2	2	20	3.0	0.30	10	7.2
103I	785539	9	496160	6082839	SLSN	35	35	3	6	00	02036	130	0051141	42	24	2	20	8	0.1	260	1.85	8.0	1	6	10	11.0	0.02	10	7.0
103I	785540	9	496477	6083152	SLSN	35	20	2	6	00	02026	031	0052141	74	36	2	57	11	0.1	470	2.50	17.0	2	2	20	7.0	0.30	10	6.9
103I	785542	9	499344	6083088	SLSN	35	6	1	6	00	02026	120	0052241	74	30	6	25	10	0.1	635	2.80	10.0	1	2	10	13.0	0.70	22	7.6
103I	785543	9	499094	6082615	SLSN	35	50	3	6	00	02236	220	0051141	46	26	3	22	8	0.2	260	1.90	5.0	3	6	10	3.0	0.02	10	7.3
103I	785544	9	499547	6082384	SLSN	35	15	1	6	00	02031	210	0052241	88	72	7	38	18	0.1	730	3.00	8.0	2	16	20	4.0	0.02	10	7.2
103I	785545	9	502236	6082998	SLSN	35	40	3	6	00	02236	030	0051141	56	30	2	26	9	0.1	350	2.20	8.0	1	2	10	4.0	0.02	10	7.0
103I	785546	9	502627	6082825	SLSN	35	15	2	6	00	02021	220	0052241	78	40	4	16	12	0.1	760	3.20	13.0	1	13	30	3.0	0.02	10	7.2
103I	785547	9	502895	6083577	SLSN	35	10	1	6	00	02021	220	0052241	90	44	8	18	14	0.1	785	3.25	16.0	1	6	30	2.0	0.02	10	7.8
103I	785548	9	500520	6078118	SLSN	35	6	1	6	00	02021	120	0052231	106	108	8	24	22	0.2	1100	3.90	7.0	1	2	20	2.0	0.28	32	7.6
103I	785550	9	502609	6078316	SLSN	35	6	1	6	10	02021	220	0052231	126	54	10	30	18	0.1	1200	4.00	18.0	1	4	30	2.0	0.02	10	7.6
103I	785551	9	502609	6078316	SLSN	35	6	1	6	20	02021	220	0052231	108	46	9	26	16	0.2	1050	3.65	17.0	1	2	30	2.0	0.02	10	7.6
103I	785552	9	563664	6051299	MVCC	33	20	2	6	00	02021	210	0051141	150	54	13	12	14	0.1	2000	3.60	4.0	2	4	20	2.0	0.02	10	7.5
103I	785553	9	563424	6051773	MVCC	33	25	2	6	00	02021	130	0051131	72	20	6	10	10	0.1	980	2.00	2.0	1	2	20	1.0	0.02	10	7.5
103I	785554	9	564145	6055456	MVCC	33	20	2	6	00	02021	210	0051141	46	26	6	12	10	0.1	570	2.40	2.0	1	2	20	2.0	0.02	10	7.5
103I	785555	9	563863	6054971	MVCC	33	20	2	6	00	02021	220	0051141	36	18	6	6	7	0.1	550	1.85	2.0	1	8	20	3.0	0.02	10	7.5
103I	785556	9	564043	6061093	MVCC	33	25	2	6	00	02021	220	0052131	72	26	7	8	8	0.1	890	2.10	4.0	1	2	30	1.0	0.02	10	7.5
103I	785557	9	563172	6065701	MVCC	33	30	3	6	00	02031	130	0051131	92	46	8	10	9	0.1	1000	1.90	4.0	1	2	20	1.0	0.02	10	7.5
103I	785558	9	559933	6076578	SLSN	35	30	3	6	00	02021	210	0051131	98	38	12	22	14	0.1	930	4.40	20.0	3	2	20	2.0	0.02	10	7.0
103I	785559	9	559945	6076190	SLSN	35	30	2	6	00	02021	120	0051141	140	38	29	8	9	0.2	940	2.30	15.0	2	2	130	0.5	0.02	10	7.1
103I	785560	9	563810	6073621	MVCC	33	50	3	6	00	02221	120	0051131	196	54	46	12	12	0.3	930	3.80	34.0	2	2	70	6.0	0.02	10	7.1
103I	785562	9	563542	6073212	MVCC	33	40	3	6	00	02221	130	0051141	76	18	16	6	8	0.1	910	1.65	5.0	1	2	100	3.0	0.02	10	7.5
103I	785563	9	560289	6083326	SLSN	35	25	3	6	00	02031	211	0051131	106	32	10	28	14	0.1	1550	3.85	10.0	1	2	240	2.0	0.02	10	7.4
103I	785564	9	560646	6083008	SLSN	35	20	2	6	00	02021	220	0051241	90	38	10	38	15	0.1	910	4.00	12.0	2	2	100	3.0	0.02	10	7.2
103I	785565	9	562767	6082487	SLSN	35	25	2	6	00	02031	220	0052141	90	32	9	34	15	0.1	790	3.90	12.0	1	2	60	2.0	0.02	10	7.2
103I	785566	9	563349	6080880	SLSN	35	20	3	6	00	02021	310	0052141	96	32	11	40	15	0.2	830	3.50	7.0	1	2	110	2.0	0.02	10	7.1
103I	785567	9	563927	6079063	SLSN	35	25	2	6	00	02021	220	0051141	102	50	10	40	16	0.1	795	4.10	13.0	1	2	200	2.0	0.02	10	7.2
103I	785569	9	562264	6085288	SLSN	35	30	2	6	00	02031	210	0052141	88	36	10	44	16	0.1	860	3.70	7.0	1	2	60	3.0	0.05	10	7.0
103I	785570	9	563546	6090118	SLSN	35	30	3	6	00	02021	210	0052141	84	32	16	24	16	0.1	980	4.10	9.0	1	2	70	2.0	0.02	10	7.1
103I	785571	9	560563	6092207	SLSN	35	30	2	6	00	02021	210	0052121	88	32	7	19	15	0.1	480	3.90	5.0	1	2	70	3.0	0.02	10	7.1

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RP ST	CBWRS DACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	785572	9	561137	6091948	SLSN	35	25	2	6	00	02021	120	0051131	90	30	8	38	14	0.1	550	3.55	7.0	1	2	70	3.0	0.02	10	7.1
103I	785573	9	556753	6092167	SLSN	35	35	2	6	00	02026	220	0051121	58	44	1	7	12	0.1	400	3.20	34.0	3	14	10	2.0	0.02	20	7.0
103I	785574	9	555120	6094715	SLSN	35	35	3	6	00	02026	220	0051121	68	34	2	7	11	0.1	450	2.95	15.0	4	28	10	4.0	0.02	34	7.1
103I	785575	9	555752	6083496	SLSN	35	30	2	6	00	02026	220	0052131	86	42	4	11	16	0.1	680	4.90	33.0	1	2	50	3.0	0.02	10	7.2
103I	785576	9	555429	6083235	SLSN	35	30	4	6	10	02026	220	0051121	86	32	4	20	13	0.1	720	4.20	21.0	1	2	60	1.0	0.05	10	7.3
103I	785577	9	555429	6083235	SLSN	35	30	4	6	20	02026	220	0051121	82	32	6	20	12	0.1	730	4.10	16.0	1	2	60	2.0	0.02	10	7.1
103I	785578	9	554804	6085250	SLSN	35	20	2	6	00	02031	211	0051131	80	34	4	14	14	0.1	670	4.15	8.0	1	2	90	2.0	0.02	10	7.1
103I	785579	9	554517	6085548	SLSN	35	15	2	6	00	02036	220	0051131	94	34	7	12	16	0.2	1100	4.35	17.0	1	4	40	2.0	0.02	10	7.2
103I	785580	9	554292	6085075	SLSN	35	40	4	6	00	02026	120	0051121	86	36	6	16	14	0.1	780	4.40	25.0	1	2	50	2.0	0.02	10	7.3
103I	785582	9	552785	6085788	SLSN	35	25	2	6	00	02236	120	0051131	96	40	7	11	13	0.1	670	4.10	11.0	2	36	20	1.0	0.02	100	7.5
103I	785583	9	552244	6085073	SLSN	35	15	2	6	00	02026	220	0051231	96	40	13	12	16	0.1	1000	4.40	55.0	1	2	50	2.0	0.02	10	7.6
103I	785584	9	549714	6085443	SLSN	35	20	2	6	00	02036	210	0052131	76	52	6	9	12	0.3	455	3.50	21.0	2	13	10	1.0	0.02	20	7.4
103I	785585	9	549462	6084506	MVCC	33	30	2	6	00	02036	120	0052131	84	22	4	8	10	0.1	680	4.10	31.0	1	2	20	1.0	0.02	10	7.7
103I	785586	9	549199	6085134	SLSN	35	20	2	6	00	02036	210	0051131	124	40	8	12	16	0.1	750	4.80	36.0	2	14	20	2.0	0.02	10	7.6
103I	785587	9	550973	6081896	MVCC	33	15	2	6	00	02026	210	0052131	86	20	4	8	8	0.1	640	3.80	29.0	1	2	10	1.0	0.02	10	7.7
103I	785588	9	546024	6081107	SLSN	35	60	3	6	10	02226	130	0051121	96	38	9	11	13	0.1	680	3.80	20.0	4	2	20	1.0	0.02	24	7.6
103I	785589	9	546024	6081107	SLSN	35	60	3	6	20	02026	130	0051121	84	44	8	11	13	0.1	660	3.90	18.0	3	20	40	2.0	0.05	30	7.6
103I	785590	9	546359	6080993	MVCC	33	15	2	6	00	02021	310	0051231	88	26	4	14	12	0.2	1400	3.90	17.0	2	2	30	2.0	0.05	24	7.6
103I	785591	9	547258	6078999	MVCC	33	20	1	6	00	02036	210	0052231	124	28	5	12	10	0.1	955	3.80	18.0	3	2	10	1.0	0.02	10	7.6
103I	785592	9	547452	6077081	MVCC	33	60	4	6	00	02236	210	0051121	84	28	7	11	12	0.1	680	3.90	32.0	2	13	20	3.0	0.02	22	7.6
103I	785593	9	547967	6077040	MVCC	33	25	2	6	00	02231	030	0051131	70	20	2	5	7	0.1	645	2.10	12.0	1	2	10	1.0	0.10	10	7.3
103I	785594	9	553809	6074099	MVCC	33	30	3	6	00	02236	310	0052131	122	44	13	14	12	0.1	1200	2.75	14.0	1	2	10	2.0	0.02	10	7.3
103I	785595	9	554130	6073928	MVCC	33	20	2	6	00	02231	220	0052141	172	40	11	8	14	0.1	1800	2.45	12.0	1	2	50	2.0	0.02	10	7.2
103I	785596	9	553507	6069308	MVCC	33	20	2	6	00	02031	120	0052131	66	22	4	6	8	0.2	865	1.70	2.0	1	2	20	2.0	0.02	26	7.5
103I	785597	9	553758	6069501	MVCC	33	25	2	6	00	02031	120	0051121	96	48	15	6	11	0.4	1100	2.30	4.0	1	2	30	3.0	0.02	26	7.5
103I	785598	9	551679	6072337	MVCC	33	30	3	6	00	02221	120	0051121	100	84	10	6	16	0.2	1200	4.50	13.0	2	18	10	2.0	0.02	46	7.5
103I	785600	9	551975	6072567	MVCC	33	40	3	6	00	02221	220	0051131	122	44	8	8	10	0.1	1150	1.95	10.0	1	2	60	1.0	0.02	22	7.5
103I	785602	9	551038	6074206	MVCC	33	10	2	6	00	02031	121	0051131	98	34	4	9	10	0.1	980	2.00	7.0	1	2	20	3.0	0.02	26	7.5
103I	785603	9	557070	6055945	GRNT	41	25	3	6	00	02021	220	0051121	128	102	18	11	15	0.1	950	3.60	2.0	2	2	10	4.0	0.26	10	7.6
103I	785604	9	557450	6056218	GRNT	41	15	2	6	00	02021	120	0051131	118	66	8	22	16	0.1	1300	2.60	1.0	2	2	10	2.0	0.12	10	7.5
103I	785605	9	555896	6057531	MVCC	33	20	2	6	00	02021	120	0051131	118	58	20	10	14	0.1	920	3.30	2.0	1	8	10	3.0	0.10	10	7.4
103I	785606	9	556337	6057300	GRNT	41	30	3	6	00	02021	120	0051121	130	82	17	12	16	0.2	1000	3.40	2.0	1	2	10	2.0	0.18	10	7.6
103I	785607	9	557166	6059524	MVCC	33	50	3	6	00	02021	130	0051121	126	74	19	12	14	0.4	1000	3.30	2.0	1	2	10	2.0	0.18	10	7.7
103I	785608	9	557710	6059744	MVCC	33	20	2	6	00	02021	220	0051131	98	74	15	17	13	0.2	1150	3.10	3.0	1	2	20	2.0	0.02	10	7.6
103I	785609	9	557531	6061101	MVCC	33	20	2	6	00	02021	210	0051131	70	44	1	30	15	0.1	1100	2.50	3.0	1	2	20	2.0	0.02	10	7.6
103I	785610	9	555866	6063268	MVCC	33	30	2	6	00	02021	120	0051131	78	30	3	17	12	0.1	1000	2.25	3.0	1	2	10	1.0	0.02	10	7.4
103I	785611	9	554960	6063100	MVCC	33	20	2	6	00	02021	120	0051131	126	46	11	9	11	0.2	1500	2.30	3.0	1	2	20	3.0	0.02	10	7.6
103I	785612	9	553682	6064872	MVCC	33	10	1	6	10	02021	111	0052231	60	20	6	8	7	0.1	570	2.00	2.0	1	2	20	3.0	0.02	10	7.7
103I	785613	9	553682	6064872	MVCC	33	10	1	6	20	02021	111	0052231	62	22	6	8	8	0.2	530	2.05	3.0	1	2	30	2.0	0.02	10	7.7
103I	785614	9	551809	6061846	MVCC	33	20	2	6	00	02031	120	0052131	86	16	4	6	7	0.1	920	1.45	2.0	1	2	10	2.0	0.12	10	7.7
103I	785615	9	551561	6066131	MVCC	33	3	1	6	00	02031	220	0051231	60	22	2	12	9	0.2	840	1.60	4.0	1	2	20	2.0	0.02	40	7.8
103I	785616	9	543348	6068428	SLSN	35	25	3	6	00	02236	120	0051121	52	24	4	9	6	0.1	435	2.30	13.0	1	2	10	3.0	0.16	24	7.3
103I	785617	9	543897	6066440	MVCC	33	20	2	6	00	02031	130	0051231	168	32	14	14	12	0.2	1500	3.90	32.0	2	2	30	4.0	0.02	20	7.0
103I	785619	9	544073	6066691	GRNT	41	40	3	6	00	02236	220	0051121	50	24	5	9	6	0.1	410	2.50	18.0	1	2	20	3.0	0.18	26	7.4
103I	785620	9	538831	6065163	GRNT	41	25	2	6	00	02036	220	0052121	68	38	8	18	9	0.2	530	2.80	11.0	2	13	10	4.0	0.05	20	7.1
103I	785622	9	540684	6064545	GRNT	41	25	3	6	00	02036	120	0051121	74	38	4	21	10	0.2	590	2.90	12.0	2	2	10	4.0	0.10	30	7.5
103I	785623	9	540904	6064757	GRNT	41	15	2	6	00	02031	220	0051131	230	88	16	74	24	0.3	1250	4.80	30.0	3	2	30	5.0	0.02	30	7.2
103I	785624	9	531328	6061634	MVCC	33	30	3	6	00	02031	220	0051121	54	38	2	10	6	0.2	470	1.70	2.0	1	2	20	3.0	0.05	10	7.2
103I	785625	9	534007	6062451	GRNT	41	40	3	6	00	02031	120	0051121	52	38	1	9	6	0.2	440	1.90	3.0	3	2	10	3.0	0.10	10	7.2
103I	785627	9	534062	6063029	GRNT	41	10	2	6	00	02021	220	0052231	46	82	4	4	6	0.1	410	1.80	2.0	4	2	10	6.0	0.12	24	7.4

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785628	9	537785	6062517	GRNT	41	20	2	6	00	02036	130	0051131	52	20	2	6	8	0.1	620	2.45	2.0	1	2	10	4.0	0.02	10	7.3
103I	785629	9	537756	6062988	GRNT	41	40	3	6	00	02031	220	0051121	36	34	4	7	6	0.1	290	2.80	6.0	2	35	10	5.0	0.12	20	7.3
103I	785630	9	534683	6059736	GRNT	41	40	2	6	00	02031	220	0051121	56	28	1	8	7	0.1	540	2.20	2.0	2	5	10	3.0	0.10	22	7.1
103I	785631	9	534965	6059521	GRNT	41	25	2	6	00	02036	120	0052231	46	12	4	6	4	0.1	400	1.50	2.0	2	2	10	4.0	0.30	26	7.1
103I	785632	9	492370	6094241	GRNT	41	20	1	6	00	02236	220	0052141	36	20	1	13	6	0.1	170	1.85	13.0	1	7	10	5.0	0.36	78	7.2
103I	785633	9	491859	6093723	GRNT	41	25	2	6	00	02036	120	0052141	12	4	1	2	2	0.1	80	1.45	2.0	1	2	10	125.0	0.60	10	7.1
103I	785634	9	490984	6093535	GRNT	41	35	3	6	00	02036	210	0052141	34	8	1	5	4	0.1	260	1.50	6.0	1	2	10	8.0	0.62	20	7.0
103I	785635	9	490940	6093898	GRNT	41	30	3	6	00	02036	120	0052141	44	12	1	9	5	0.1	290	1.90	4.0	1	2	10	6.0	0.16	32	7.0
103I	785636	9	489179	6088644	GRNT	41	30	2	6	10	02026	120	0052141	22	6	1	2	4	0.1	145	1.45	1.0	1	2	10	9.0	0.42	10	7.1
103I	785637	9	489179	6088644	GRNT	41	30	2	6	20	02026	120	0052141	20	8	1	2	2	0.1	150	1.50	2.0	2	22	10	9.0	0.42	10	7.0
103I	785638	9	489676	6091173	GRNT	41	30	3	6	00	02036	220	0052141	28	10	1	3	3	0.1	220	1.50	2.0	1	2	10	9.0	0.48	10	7.0
103I	785639	9	489698	6092400	GRNT	41	10	3	6	00	02021	121	0051241	40	4	3	7	6	0.1	550	2.30	7.0	6	6	30	18.0	0.56	24	6.5
103I	785640	9	487931	6092076	GRNT	41	6	1	6	00	02021	220	0052241	48	2	4	2	6	0.1	420	2.10	1.0	2	2	10	30.0			
103I	785642	9	487630	6087355	GRNT	41	25	2	6	00	02026	120	0052131	32	4	1	2	3	0.1	190	1.80	1.0	1	6	10	24.0	0.36	10	7.1
103I	785643	9	484653	6090487	GRNT	41	35	3	6	00	02026	120	0052131	28	2	1	2	2	0.1	160	2.00	1.0	1	2	10	28.0	0.78	32	7.1
103I	785644	9	485611	6083664	GRNT	41	40	3	6	00	02036	220	0051121	28	6	1	3	4	0.1	175	1.60	1.0	1	2	10	13.0	0.16	10	6.8
103I	785645	9	486075	6083961	GRNT	41	30	3	6	00	02036	120	0051131	30	12	1	8	6	0.1	170	1.60	3.0	1	2	10	8.0	0.58	10	7.0
103I	785646	9	481559	6086745	GRNT	41	40	3	6	10	02236	120	0051131	16	6	1	1	3	0.1	90	2.60	1.0	1	2	10	38.0	0.44	10	6.9
103I	785647	9	481559	6086745	GRNT	41	40	3	6	20	02236	120	0051131	14	2	1	1	2	0.1	85	1.30	1.0	2	2	10	17.0	0.60	10	6.8
103I	785648	9	484267	6088140	GRNT	41	50	5	6	00	02036	220	0051121	26	4	1	4	4	0.1	145	1.60	1.0	1	2	10	9.0	0.56	10	7.0
103I	785649	9	483839	6088345	GRNT	41	60	5	6	00	02236	130	0051131	18	2	1	2	2	0.1	115	1.30	1.0	1	2	10	14.0	0.64	10	6.9
103I	785650	9	483894	6090386	GRNT	41	15	1	6	00	02031	310	0052231	56	10	8	2	6	0.1	520	2.10	0.5	2	2	20	21.0	0.56	10	7.0
103I	785651	9	484120	6090191	GRNT	41	50	10	6	00	02236	120	0051121	16	2	1	1	2	0.1	100	1.40	1.0	1	2	10	12.0	0.70	10	7.0
103I	785652	9	484850	6091577	GRNT	41	6	1	6	00	02021	220	0052231	74	8	10	4	5	0.1	750	2.40	2.0	4	2	30	34.0	2.60	76	7.5
103I	785654	9	458032	6085468	GRNT	41	35	4	6	00	02026	120	0052121	36	6	1	3	4	0.1	190	1.30	1.0	1	2	10	4.0	0.10	10	6.4
103I	785655	9	459918	6087450	GNSS	10	35	4	6	00	02036	120	0052121	16	4	1	2	2	0.1	95	0.75	0.5	1	2	10	4.0	0.16	10	6.5
103I	785656	9	449437	6078587	GRNT	41	20	2	6	00	02031	220	0051121	44	22	1	12	9	0.1	460	2.10	0.5	1	2	20	4.0	0.02	10	6.4
103I	785657	9	449797	6078428	GRNT	41	35	3	6	00	02036	220	0051111	32	24	1	13	7	0.1	240	1.90	0.5	1	2	10	4.0	0.02	10	6.5
103I	785658	9	449682	6081222	GRNT	41	20	2	6	00	02031	210	0051221	28	18	1	10	7	0.2	270	1.90	0.5	1	2	20	5.0	0.02	10	6.5
103I	785659	9	449919	6080964	GRNT	41	45	4	6	00	02021	220	0051111	24	8	1	6	5	0.1	230	1.70	0.5	1	2	20	8.0	0.05	10	6.9
103I	785660	9	452433	6080384	GRNT	41	25	3	6	00	02036	220	0051131	16	10	1	5	6	0.2	100	1.30	0.5	1	2	10	3.0	0.02	10	6.8
103I	785662	9	452174	6080103	GRNT	41	35	3	6	00	02031	220	0051121	40	22	3	14	12	0.1	210	2.30	0.5	1	2	10	2.0	0.05	10	7.0
103I	785663	9	451427	6082781	GRNT	41	15	1	6	10	02031	120	0052131	40	10	1	7	8	0.1	280	2.25	0.5	1	2	10	3.0	0.02	10	6.8
103I	785664	9	451427	6082781	GRNT	41	15	1	6	20	02031	120	0052131	38	10	1	6	7	0.2	310	2.20	0.5	1	2	10	5.0	0.02	10	6.6
103I	785665	9	449874	6084107	GRNT	41	35	3	6	00	02031	210	0051131	28	12	2	7	6	0.2	155	1.70	0.5	1	2	10	2.0	0.05	10	6.8
103I	785666	9	449511	6084113	GRNT	41	80	4	6	00	02031	210	0051121	34	14	1	10	6	0.1	235	1.70	0.5	1	2	10	5.0	0.02	10	6.6
103I	785667	9	449499	6085913	GRNT	41	20	1	6	00	02031	211	0052221	76	22	2	23	12	0.1	510	3.10	3.0	2	10	40	10.0	0.12	10	6.8
103I	785668	9	449099	6088764	GRNT	41	10	2	6	00	02021	120	0052211	40	18	1	16	12	0.1	240	2.05	0.5	1	2	30	4.0	0.34	42	7.1
103I	785669	9	448589	6088378	GRNT	41	80	3	6	00	02021	310	0051111	32	12	2	9	6	0.1	220	1.70	0.5	1	2	10	5.0	0.02	10	6.8
103I	785670	9	445565	6089234	GRNT	41	20	2	6	00	02031	310	0052121	56	20	1	15	11	0.1	480	2.40	2.0	2	2	30	5.0	0.02	10	6.7
103I	785671	9	451203	6089457	GRNT	41	15	1	6	00	02031	120	0052211	38	20	1	12	6	0.1	240	1.95	2.0	2	2	20	7.0	0.10	10	6.8
103I	785672	9	452430	6088729	GRNT	41	15	2	6	00	02031	220	0051111	44	16	4	14	8	0.1	375	2.40	3.0	1	2	20	8.0	0.02	10	6.9
103I	785673	9	454195	6084277	GRNT	41	30	3	6	00	02036	120	0051111	30	4	1	3	2	0.2	170	1.30	0.5	1	2	10	5.0	0.02	10	6.8
103I	785674	9	454302	6086743	GRNT	41	60	3	6	00	02026	130	0051111	32	2	1	2	2	0.1	150	1.15	0.5	2	2	10	1.0	0.10	10	6.8
103I	785675	9	454445	6089743	GRNT	41	50	5	6	00	02036	210	0051111	28	4	1	6	3	0.1	180	1.30	1.0	1	2	10	6.0	0.10	10	6.9
103I	785676	9	455927	6091147	GRNT	41	20	2	6	00	02021	220	0052211	88	38	8	46	12	0.2	610	3.45	12.0	3	2	80	4.0	0.36	34	7.0
103I	785677	9	458961	6091888	GRNT	41	25	2	6	00	02021	220	0051211	60	20	1	34	14	0.1	695	2.60	3.0	5	2	70	9.0	0.12	26	7.1
103I	785678	9	529040	6043637	GRNT	41	15	2	6	00	11021	120	0051121	62	20	4	19	10	0.1	760	3.00	7.0	2	2	40	3.0	0.16	100	7.4
103I	785679	9	534610	6049987	MVCC	33	30	2	6	00	02026	220	0052121	76	50	1	14	10	0.2	610	1.80	2.0	1	18	10	2.0	0.02	30	7.3
103I	785682	9	534660	6055608	MVCC	33	30	2	6	00	02021	120	0051131	128	22	2	20	14	0.1	1250	2.20	3.0	2	2	10	2.0	0.02	10	7.7

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	785683	9	534870	6055961	MVCC	33	30	2	6	00	02021	220	0051121	68	18	4	10	6	0.2	680	2.45	8.0	3	2	20	3.0	0.02	24	7.3
103I	785684	9	548742	6060025	MVCC	33	20	2	6	00	02021	120	0051131	52	30	2	9	8	0.2	920	1.70	1.0	1	2	10	3.0	0.24	20	7.7
103I	785685	9	548568	6059538	MVCC	33	25	2	6	00	02026	120	0052121	152	56	20	12	12	0.2	1600	2.70	3.0	1	2	20	4.0	0.12	10	7.8
103I	785686	9	547230	6060446	MVCC	33	35	2	6	00	02021	130	0051121	96	38	10	11	10	0.1	1150	2.20	1.0	1	2	20	4.0	0.10	10	7.9
103I	785687	9	546945	6060178	MVCC	33	20	2	6	00	02031	210	0052131	98	56	8	10	10	0.1	1400	2.55	2.0	1	2	20	4.0	0.02	10	7.8
103I	785688	9	544536	6074029	SLSN	35	25	2	6	00	02026	220	1052131	72	24	4	20	10	0.1	690	3.40	11.0	2	2	40	2.0	0.02	10	7.7
103I	785689	9	544815	6073617	SLSN	35	30	2	6	00	02021	120	0051121	62	18	3	14	9	0.1	660	3.10	12.0	1	2	30	3.0	0.02	10	7.5
103I	785690	9	531257	6066927	GRNT	41	40	3	6	00	02031	030	0051121	44	20	2	8	6	0.1	460	2.05	1.0	2	2	20	6.0	0.05	10	7.3
103I	785691	9	531548	6066839	GRNT	41	15	1	6	00	02031	120	0052231	38	30	2	5	6	0.1	475	2.00	1.0	1	2	20	8.0	0.05	10	7.3
103I	785692	9	533427	6068746	SLSN	35	30	2	6	00	02036	120	0052131	30	14	1	4	4	0.1	310	1.90	1.0	1	12	10	4.0	0.12	32	7.2
103I	785693	9	532975	6068741	SLSN	35	45	4	6	00	02031	220	0051121	38	14	2	6	5	0.1	370	1.95	1.0	1	2	10	3.0	0.02	22	7.2
103I	785695	9	532689	6070533	SLSN	35	25	3	6	10	02036	220	0052131	94	38	9	21	12	0.1	740	3.65	11.0	1	2	20	3.0	0.02	26	7.5
103I	785696	9	532689	6070533	SLSN	35	25	3	6	20	02036	220	0052131	90	34	12	20	12	0.1	720	3.55	10.0	1	2	20	4.0	0.02	20	7.6
103I	785697	9	533692	6070401	SLSN	35	20	2	6	00	02031	220	0051131	44	66	2	6	8	0.1	560	2.90	2.0	7	25	20	9.0	0.22	22	7.4
103I	785698	9	533747	6072066	SLSN	35	15	1	6	00	02031	220	0052231	62	14	8	6	8	0.2	825	2.30	3.0	1	11	30	14.0	0.12	20	7.6
103I	785699	9	526385	6074640	SLSN	35	15	2	6	00	02036	210	0051141	112	46	12	22	18	0.2	1550	4.65	18.0	2	2	40	2.0	0.02	10	7.5
103I	785700	9	526581	6074268	SLSN	35	40	3	6	00	02026	130	0051131	108	42	5	28	13	0.1	800	4.10	18.0	1	9	20	4.0	0.02	10	7.7
103I	785702	9	529054	6074885	SLSN	35	40	3	6	10	02026	120	0051131	92	32	5	22	12	0.1	690	3.55	11.0	2	2	30	4.0	0.02	10	7.7
103I	785703	9	529054	6074885	SLSN	35	40	3	6	20	02026	120	0051131	88	30	4	20	12	0.1	640	3.40	12.0	2	2	20	3.0	0.10	10	7.7
103I	785704	9	529573	6074424	SLSN	35	20	2	6	00	02036	120	0051141	80	36	7	38	14	0.1	620	3.30	13.0	1	2	20	4.0	0.05	10	7.7
103I	785705	9	531318	6074908	SLSN	35	35	3	6	00	02031	220	0051131	80	30	5	22	12	0.2	620	3.50	12.0	2	18	10	3.0	0.12	10	7.7
103I	785706	9	531509	6074587	SLSN	35	20	2	6	00	02031	130	0051141	96	42	10	29	16	0.1	870	3.75	23.0	1	2	30	4.0	0.10	10	7.7
103I	785707	9	533206	6074862	SLSN	35	45	3	6	00	02036	120	0051131	74	26	4	18	12	0.1	630	3.20	10.0	2	2	10	4.0	0.05	10	7.8
103I	785708	9	534351	6075624	SLSN	35	15	1	6	00	02031	220	0052231	76	32	7	8	12	0.1	895	3.05	13.0	1	2	80	3.0	0.10	10	7.6
103I	785710	9	534781	6077232	SLSN	35	6	1	6	00	02031	121	0052231	108	84	31	18	29	0.1	1700	4.85	55.0	3	2	50	5.0	0.02	22	7.9
103I	785711	9	538564	6073990	SLSN	35	20	2	6	00	12231	120	0051131	76	24	10	10	9	0.2	680	2.70	23.0	2	2	20	4.0	0.66	10	7.8
103I	785712	9	539039	6076010	SLSN	35	25	2	6	00	12236	220	0051131	80	18	8	10	8	0.1	645	3.00	38.0	2	2	20	2.0	0.58	20	7.8
103I	785713	9	544005	6084508	SLSN	35	15	2	6	00	02021	210	0051121	94	22	6	12	13	0.1	1700	4.10	24.0	1	2	40	1.0	0.02	20	7.8
103I	785714	9	528953	6078125	SLSN	35	20	2	6	00	02021	121	0152131	98	184	4	28	16	0.4	880	4.20	65.0	48	14	30	9.0	0.10	10	7.5
103I	785715	9	531543	6079312	SLSN	35	25	2	6	00	02021	220	0152131	118	126	60	38	20	0.2	980	4.65	19.0	12	27	30	6.0	0.12	36	7.5
103I	785716	9	526912	6083459	SLSN	35	20	2	6	00	02021	111	0052231	102	26	22	14	13	0.1	375	3.40	12.0	4	15	30	6.0	0.30	50	7.3
103I	785717	9	526601	6083885	SLSN	35	30	4	6	00	02026	121	0051121	98	28	6	14	12	0.1	570	3.60	11.0	5	2	20	3.0	0.05	26	7.3
103I	785718	9	529001	6082951	SLSN	35	40	3	6	00	02021	210	0051121	98	28	6	14	14	0.1	750	4.00	9.0	2	2	30	2.0	0.12	26	7.3
103I	785719	9	529013	6082544	SLSN	35	35	3	6	00	02026	120	0051131	90	38	3	18	13	0.1	790	4.50	17.0	1	2	30	3.0	0.24	42	7.1
103I	785720	9	532195	6083040	SLSN	35	10	1	6	00	02036	220	0052231	82	32	6	13	14	0.1	750	3.85	10.0	1	2	30	2.0	0.02	10	7.2
103I	785722	9	531732	6082769	SLSN	35	40	8	6	00	02036	120	0051121	90	36	9	14	14	0.1	810	4.10	14.0	1	2	50	2.0	0.18	32	7.3
103I	785723	9	534188	6081777	SLSN	35	60	4	6	00	02036	210	0051121	122	54	5	22	21	0.1	870	5.10	12.0	1	2	40	4.0	0.14	32	7.2
103I	785724	9	534026	6081246	SLSN	35	40	3	6	10	02026	120	0052131	110	54	10	24	19	0.2	710	4.80	14.0	2	2	40	2.0	0.10	56	7.4
103I	785725	9	534026	6081246	SLSN	35	40	3	6	20	02026	120	0052131	110	52	8	24	19	0.1	710	4.80	14.0	2	2	30	3.0	0.18	60	7.4
103I	785726	9	536389	6081770	SLSN	35	10	1	6	00	02031	210	0052231	90	46	7	14	17	0.1	970	3.60	10.0	1	2	30	4.0	0.02	10	7.3
103I	785727	9	526135	6088008	SLSN	35	20	2	6	00	02026	220	0051131	88	32	9	12	13	0.1	710	4.00	6.0	1	2	20	3.0	0.05	10	7.2
103I	785728	9	525788	6088167	SLSN	35	40	2	6	00	02026	120	0051121	90	28	6	16	14	0.1	720	3.90	9.0	1	2	20	2.0	0.02	10	7.1
103I	785729	9	525905	6091523	SLSN	35	25	3	6	00	02026	210	0051131	78	32	5	12	14	0.1	770	3.70	7.0	1	2	20	2.0	0.02	10	7.1
103I	785730	9	526247	6091759	SLSN	35	25	2	6	00	02026	220	0051141	78	30	5	12	14	0.1	680	3.70	6.0	1	2	30	1.0	0.02	10	7.3
103I	785731	9	527701	6090251	SLSN	35	45	3	6	00	02026	220	0051121	88	28	5	16	13	0.1	640	3.95	9.0	2	2	30	1.0	0.02	10	7.4
103I	785732	9	527593	6090571	SLSN	35	40	3	6	00	02026	220	0051131	76	34	5	16	14	0.1	780	3.80	18.0	1	2	30	1.0	0.02	10	7.6
103I	785733	9	531510	6090920	SLSN	35	25	2	6	00	02036	210	0051131	76	34	6	14	13	0.1	695	3.90	14.0	1	2	20	2.0	0.02	10	7.6
103I	785734	9	533136	6090484	SLSN	35	25	2	6	00	02036	210	0051131	86	26	6	15	13	0.1	730	3.90	15.0	1	2	20	1.0	0.02	10	7.4
103I	785735	9	534838	6088927	SLSN	35	30	3	6	00	02026	120	0051131	80	30	8	14	14	0.1	735	4.15	9.0	1	2	20	1.0	0.02	10	7.5
103I	785736	9	535195	6089322	SLSN	35	30	2	6	00	02036	310	0051131	78	24	3	13	12	0.1	610	3.50	21.0	1	2	20	2.0	0.02	10	7.7

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	785737	9	537223	6087517	SLSN	35	80	5	6	00	02026	220	0151121	82	26	5	14	12	0.1	600	3.70	10.0	1	2	30	2.0	0.02	10	7.4
103I	785738	9	480158	6091267	GRNT	41	40	10	6	00	02131	220	0051131	44	36	5	2	8	0.1	300	1.35	1.0	3	2	10	12.0	0.10	10	6.9
103I	785740	9	477551	6091625	GRNT	41	50	10	6	00	02121	120	0051131	24	4	2	1	3	0.1	150	0.95	1.0	1	2	10	10.0	0.54	24	7.1
103I	785742	9	470402	6094425	GRNT	41	30	5	6	10	12221	220	0051121	14	2	1	1	2	0.1	80	0.55	3.0	1	2	10	5.0	0.58	24	7.4
103I	785743	9	470402	6094425	GRNT	41	30	5	6	20	12221	220	0051121	12	2	1	1	2	0.1	80	0.60	1.0	1	2	10	4.0	0.48	22	7.2
103I	785747	9	511715	6043527	GRNT	41	5	1	6	00	02032	210	0052141	22	4	2	2	2	0.1	170	0.90	0.5	1	2	10	14.0	2.80	28	7.0
103I	785749	9	514349	6044669	GRNT	41	3	1	6	00	02032	210	0052141	22	10	3	4	2	0.1	230	1.00	0.5	1	2	30	25.0	0.60	10	6.7
103I	785750	9	513920	6044531	GRNT	41	3	1	6	00	02032	210	0052141	24	4	2	2	2	0.1	245	0.80	0.5	1	2	30	30.0	3.40	22	6.8
103I	785753	9	513410	6043007	GRNT	41	3	1	6	00	02032	210	0052141	32	4	3	1	2	0.1	260	0.80	0.5	1	2	20	60.0	5.00	22	7.0
103I	787002	9	548822	5984856	GRNT	41	30	3	6	00	03031	220	0052123	32	40	1	6	10	0.1	440	1.80	0.5	1	2	10	2.0	0.02	28	7.8
103I	787003	9	544267	5984372	GRNT	41	50	3	6	00	03031	220	0052123	54	42	1	8	13	0.1	590	2.65	0.5	1	2	10	2.0	0.02	26	7.7
103I	787004	9	541272	5985131	GRNT	41	20	3	6	00	03031	220	0052131	44	32	1	4	10	0.2	445	2.25	1.0	1	2	10	2.0	0.02	30	7.9
103I	787005	9	541635	5985876	GRNT	41	6	1	6	00	03021	130	0052131	44	32	1	6	11	0.1	455	2.30	0.5	1	2	10	3.0	0.02	38	8.3
103I	787006	9	538876	5987318	GRNT	41	20	3	6	00	03021	120	0052131	44	56	1	9	13	0.1	520	2.60	0.5	1	2	20	1.0	0.02	28	7.8
103I	787007	9	539406	5986749	GRNT	41	30	3	6	00	03022	220	0052131	50	46	1	6	13	0.2	550	2.60	0.5	1	2	20	3.0	0.02	24	7.7
103I	787008	9	538386	5988014	GRNT	41	20	2	6	00	03022	120	0052131	48	28	1	9	12	0.1	575	2.60	0.5	1	2	20	3.0	0.02	22	7.6
103I	787009	9	537827	5989117	GRNT	41	10	1	6	00	03021	220	0052131	50	30	1	6	11	0.1	455	2.35	0.5	1	2	10	2.0	0.02	26	7.9
103I	787010	9	544696	5986679	GRNT	41	10	3	6	00	02022	120	0052131	52	22	2	7	10	0.1	545	2.30	0.5	1	2	10	8.0	0.02	24	7.5
103I	787011	9	546825	5989103	GRNT	41	20	3	6	10	02031	220	0052131	32	22	1	4	8	0.1	345	1.55	0.5	1	7	10	3.0	0.02	24	7.7
103I	787012	9	552260	5986837	GRNT	41	20	3	6	00	02042	220	0052131	46	48	1	6	11	0.1	570	2.35	0.5	1	2	20	3.0	0.10	10	7.5
103I	787013	9	552172	5986507	GRNT	41	20	3	6	00	02042	310	0052141	22	44	1	4	10	0.1	230	1.35	0.5	1	2	10	2.0	0.02	10	7.5
103I	787014	9	549995	5988168	GRNT	41	50	3	6	00	02041	130	0052143	54	32	1	9	12	0.1	670	2.70	0.5	1	2	20	3.0	0.02	10	7.5
103I	787015	9	550365	5988238	GRNT	41	50	5	6	00	02032	210	0052141	28	38	1	4	10	0.1	335	1.60	0.5	1	2	10	2.0	0.02	10	7.6
103I	787016	9	551163	5991258	GRNT	41	60	3	6	00	03031	220	0052141	90	44	1	14	20	0.3	1100	4.10	0.5	1	4	20	4.0	0.02	10	7.5
103I	787017	9	550989	5991490	GRNT	41	10	3	6	00	03031	210	0052141	110	78	5	14	24	0.3	1100	4.55	1.0	23	19	30	4.0	0.02	56	7.5
103I	787019	9	549097	5990970	GRNT	41	50	3	6	00	03031	210	0052141	80	52	1	14	19	0.1	820	3.75	0.5	4	13	10	4.0	0.02	36	7.9
103I	787020	9	546825	5989103	GRNT	41	20	3	6	20	02031	220	0052131	34	20	1	6	8	0.1	360	1.60	0.5	1	2	10	2.0	0.02	22	7.6
103I	787022	9	548869	5990663	GRNT	41	40	4	6	00	03031	120	0052141	34	64	12	6	11	0.1	415	1.90	3.0	1	2	20	4.0	0.02	26	7.9
103I	787023	9	546736	5991553	GRNT	41	10	2	6	00	02031	210	0052141	64	38	1	11	14	0.1	655	3.10	0.5	1	2	10	3.0	0.02	26	7.7
103I	787024	9	546092	5992531	GRNT	41	10	3	6	00	02021	030	0052141	42	32	1	6	12	0.2	490	2.10	0.5	1	4	10	4.0	0.02	24	7.7
103I	787025	9	545878	5991944	GRNT	41	6	1	6	00	02041	210	0052141	64	54	1	24	18	0.2	685	3.30	0.5	1	2	20	3.0	0.02	24	7.5
103I	787027	9	549425	5996154	GRNT	41	40	2	6	00	12021	220	0052141	64	40	4	16	12	0.4	480	2.95	0.5	1	2	20	15.0	0.02	34	7.7
103I	787028	9	549316	5996449	MVCC	33	10	1	6	00	02031	210	0052141	142	58	4	18	18	0.2	1200	3.75	0.5	2	30	20	4.0	0.02	38	7.7
103I	787029	9	546902	5995856	GRNT	41	20	2	6	10	02021	120	0052141	174	78	5	18	17	0.1	845	3.70	0.5	1	6	20	1.0	0.02	24	7.7
103I	787030	9	546902	5995856	GRNT	41	20	2	6	20	02021	120	0052141	190	84	4	18	18	0.1	870	3.95	0.5	2	2	20	2.0	0.02	20	7.9
103I	787031	9	546757	5996278	GRNT	41	3	1	6	00	02031	120	0052141	46	20	1	12	10	0.4	445	2.10	0.5	1	2	10	5.0	0.02	34	8.0
103I	787032	9	545402	5995209	GRNT	41	10	1	6	00	02031	220	0052141	345	72	2	6	12	0.1	935	3.45	0.5	3	2	70	0.5	0.02	24	7.9
103I	787033	9	544440	5995487	GRNT	41	10	1	6	00	02041	120	0052141	86	82	1	22	16	0.2	730	3.40	0.5	1	2	20	4.0	0.02	26	7.7
103I	787034	9	543353	5993706	GRNT	41	50	3	6	00	02031	120	0052131	56	36	1	8	12	0.1	410	2.45	0.5	1	2	10	4.0	0.02	24	7.6
103I	787035	9	542898	5991393	GRNT	41	20	3	6	00	02046	130	0052141	30	36	1	4	8	0.1	315	1.55	0.5	1	2	10	1.0	0.02	20	7.5
103I	787036	9	541699	5990161	GRNT	41	40	10	6	00	02041	111	0052141	38	36	1	7	16	0.2	890	2.45	0.5	1	2	30	3.0	0.02	20	7.5
103I	787037	9	540752	5990871	GRNT	41	3	1	6	00	03021	211	0052141	46	44	1	7	12	0.1	580	3.25	0.5	2	2	90	3.0	0.02	20	7.8
103I	787038	9	533459	5997712	GRNT	41	30	3	6	00	02036	120	0052131	26	8	1	2	4	0.1	165	1.20	0.5	1	2	20	5.0	0.10	22	7.6
103I	787039	9	536063	5997856	GRNT	41	20	3	6	00	02031	210	0052131	38	10	2	3	6	0.1	310	1.55	0.5	1	2	20	8.0	0.10	22	7.5
103I	787040	9	535931	5997598	GRNT	41	20	2	6	00	02031	210	0052141	38	6	2	2	5	0.1	410	1.60	0.5	1	2	30	17.0	0.20	24	7.6
103I	787042	9	538406	5999430	GRNT	41	3	1	6	00	02021	210	0052141	34	8	2	2	5	0.1	770	1.60	0.5	8	2	30	12.0	0.52	60	7.9
103I	787043	9	538679	5999063	GRNT	41	5	1	6	10	02036	030	0052134	22	6	1	1	4	0.1	160	1.20	0.5	1	2	10	6.0	0.10	26	7.3
103I	787044	9	538679	5999063	GRNT	41	5	1	6	20	02036	030	0052134	24	6	1	1	4	0.1	190	1.10	0.5	1	2	20	6.0	0.05	22	7.6
103I	787045	9	542265	5998642	GRNT	41	30	3	6	00	02031	210	0052131	40	6	2	2	5	0.1	300	1.60	0.5	1	2	20	8.0	0.02	10	7.4
103I	787046	9	542506	5998994	GRNT	41	25	3	6	00	02031	220	0052131	58	12	4	4	8	0.1	445	2.00	0.5	1	2	20	6.0	0.05	10	7.9

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787047	9	540558	6001719	GRNT	41	30	3	6	00	02031	210	0052131	32	8	2	3	4	0.1	250	1.30	0.5	1	2	20	5.0	0.12	10	7.7
103I	787048	9	539666	6001608	GRNT	41	30	3	6	00	02036	220	0052131	26	6	1	2	4	0.1	195	1.20	0.5	1	2	20	6.0	0.10	24	7.7
103I	787050	9	538096	6004473	GRNT	41	8	2	6	00	02036	310	0052131	44	38	6	6	8	0.1	270	1.80	0.5	7	46	20	5.0	0.05	56	8.2
103I	787051	9	546435	6001780	GRNT	41	30	6	6	00	02031	310	0052124	52	16	2	8	12	0.2	800	2.10	0.5	2	2	10	6.0	0.10	30	8.0
103I	787052	9	546734	6002448	MVCC	33	15	2	6	00	02031	220	0052131	82	16	9	13	10	0.2	750	2.50	0.5	1	2	30	13.0	0.12	38	7.9
103I	787053	9	544468	6004868	GRNT	41	10	3	6	00	02031	210	0052131	46	10	5	5	6	0.1	355	1.45	0.5	1	2	10	3.0	0.05	52	7.9
103I	787054	9	544836	6005504	GRNT	41	10	1	6	00	02021	130	0052131	52	12	5	7	6	0.2	495	1.80	0.5	1	2	40	9.0	0.12	52	8.0
103I	787055	9	543157	6006570	GRNT	41	6	1	6	00	02031	030	0052131	26	6	2	4	4	0.1	190	0.95	0.5	1	2	10	1.0	0.20	50	8.0
103I	787056	9	537139	6007893	GRNT	41	50	10	6	00	02032	210	0052121	34	10	4	4	5	0.1	200	1.40	0.5	2	2	10	5.0	0.05	40	7.7
103I	787057	9	537530	6008070	GRNT	41	55	5	6	00	02032	210	0052121	36	8	1	4	5	0.1	245	1.30	0.5	1	6	10	4.0	0.22	50	8.0
103I	787058	9	536101	6008885	GRNT	41	15	1	6	00	03031	210	0052131	32	6	2	4	4	0.1	240	1.30	0.5	1	2	20	6.0	0.30	50	8.4
103I	787059	9	534864	6002979	GRNT	41	20	3	6	00	02032	210	0052121	26	12	3	3	4	0.1	220	1.30	0.5	1	6	20	5.0	0.05	24	7.6
103I	787060	9	533684	6004209	GRNT	41	20	3	6	00	02032	210	0052121	32	14	2	3	5	0.1	240	1.45	0.5	1	2	20	10.0	0.10	38	7.5
103I	787062	9	533366	6003877	GRNT	41	10	2	6	00	02031	030	0052131	20	10	1	2	4	0.1	150	1.30	0.5	1	2	20	11.0	0.16	38	7.5
103I	787063	9	533107	6007189	GRNT	41	5	1	6	00	02031	211	0052121	62	14	6	6	10	0.1	875	2.45	0.5	1	2	50	13.0	0.28	44	8.0
103I	787064	9	502661	5989607	GRNT	41	50	3	6	10	02232	120	0052144	14	12	1	1	3	0.1	145	0.65	0.5	1	2	10	4.0	0.34	22	7.6
103I	787065	9	502661	5989607	GRNT	41	50	3	6	20	02232	120	0052144	20	8	1	1	3	0.1	170	0.80	0.5	1	2	10	3.0	0.16	10	7.9
103I	787066	9	503117	5989147	GRNT	41	25	1	6	00	02231	120	0052141	38	14	1	2	4	0.1	330	1.30	0.5	1	2	10	5.0	0.22	10	7.4
103I	787067	9	501461	5986137	GRNT	41	70	10	6	00	02236	130	0052134	14	14	1	1	2	0.1	155	0.80	0.5	1	2	10	3.0	0.20	10	7.4
103I	787068	9	501069	5985940	GRNT	41	50	4	6	00	02246	120	0052144	26	12	1	4	4	0.1	180	1.40	0.5	1	2	10	6.0	0.16	10	7.4
103I	787069	9	501546	5984844	GRNT	41	20	3	6	00	01031	120	0052141	30	8	1	3	4	0.1	210	1.20	0.5	1	2	10	4.0	0.30	10	7.5
103I	787071	9	503773	5983507	GRNT	41	10	2	6	00	02031	220	0052131	54	20	3	2	6	0.1	530	1.70	0.5	1	2	30	7.0	0.05	10	7.4
103I	787072	9	506846	5987503	GRNT	41	30	3	6	00	02036	220	0052131	22	8	1	1	2	0.1	160	0.75	0.5	1	2	10	3.0	0.12	10	7.4
103I	787073	9	507013	5987945	GRNT	41	30	3	6	00	02031	220	0052141	42	12	1	4	6	0.2	300	1.85	0.5	1	2	10	7.0	0.20	10	7.2
103I	787074	9	510260	5988167	GRNT	41	30	1	6	00	02031	120	0052131	34	14	1	4	5	0.1	245	1.40	0.5	1	2	10	4.0	0.36	10	7.2
103I	787075	9	510570	5988416	GRNT	41	30	2	6	00	02031	030	0052131	50	14	1	5	6	0.1	500	1.80	0.5	1	2	20	7.0	0.30	10	7.8
103I	787076	9	510006	5990646	GRNT	41	30	3	6	00	02031	210	0052141	50	10	2	6	7	0.1	430	1.90	0.5	1	2	20	7.0	0.12	10	7.3
103I	787077	9	510266	5984249	GRNT	41	60	3	6	00	01031	030	0052141	44	18	1	4	6	0.1	290	1.80	0.5	1	2	20	3.0	0.34	10	7.9
103I	787078	9	512165	5983706	GRNT	41	15	2	6	00	02031	220	0052131	38	40	1	4	16	0.1	420	2.55	0.5	1	2	30	1.0	0.16	10	7.5
103I	787079	9	532915	5991807	GRNT	41	20	2	6	00	01031	220	0052141	44	26	1	5	10	0.1	395	1.85	0.5	1	2	20	3.0	0.05	10	8.0
103I	787080	9	532464	5991497	GRNT	41	7	2	6	00	01031	030	0052141	84	120	2	33	23	0.2	980	4.10	3.0	1	2	110	0.5	0.05	28	8.3
103I	787082	9	533851	5989074	GRNT	41	20	1	6	00	01031	030	0052141	54	36	1	7	10	0.1	580	2.35	0.5	1	2	30	3.0	0.02	22	7.5
103I	787083	9	533121	5985913	GRNT	41	20	1	6	00	02021	211	0052144	56	18	2	9	12	0.1	1050	3.10	0.5	2	2	40	4.0	0.02	10	7.3
103I	787084	9	534074	5983778	GRNT	41	20	3	6	00	02031	130	0052141	68	48	1	10	17	0.1	900	3.60	0.5	2	2	60	1.0	0.02	10	7.5
103I	787085	9	531557	5983830	GRNT	41	20	4	1	00	02041	220	0051141	58	50	1	16	20	0.2	940	3.40	1.0	2	2	50	1.0			
103I	787086	9	515130	5989861	GRNT	41	15	2	6	00	02031	210	0051141	64	20	16	2	6	0.2	545	1.55	0.5	2	2	60	2.0	0.02	30	7.2
103I	787087	9	514620	5987994	GRNT	41	30	5	6	10	02031	220	0051141	42	20	1	4	9	0.2	480	1.70	0.5	1	2	30	3.0	0.10	10	7.2
103I	787088	9	514620	5987994	GRNT	41	30	5	6	20	02031	220	0051141	56	28	1	5	11	0.1	670	2.10	0.5	1	2	20	5.0	0.05	10	7.3
103I	787089	9	514537	5987613	GRNT	41	3	1	6	00	02036	030	0051141	20	18	1	3	6	0.1	220	1.20	0.5	1	2	20	2.0	0.02	24	7.1
103I	787090	9	515842	5986261	MVCC	33	20	1	6	00	01031	220	0051141	40	36	1	6	13	0.1	590	2.40	0.5	2	2	30	1.0	0.02	24	7.0
103I	787091	9	516060	5987084	GRNT	41	25	5	6	00	02041	210	0051141	62	54	6	11	19	0.1	760	2.70	0.5	1	2	30	1.0	0.10	46	7.5
103I	787092	9	517415	5986055	GRNT	41	50	5	6	00	02036	030	0051141	30	24	1	4	8	0.1	320	1.60	0.5	1	2	10	0.5	0.02	36	7.3
103I	787093	9	505141	5993124	GRNT	41	20	3	6	00	02041	111	0052141	40	48	1	6	8	0.1	395	1.80	0.5	1	2	20	8.0	0.20	20	7.0
103I	787094	9	504777	5993411	GRNT	41	30	5	6	00	02036	030	0052134	46	56	1	6	11	0.1	455	2.15	0.5	3	2	5	5.0	0.02	10	7.0
103I	787095	9	506775	5994552	GRNT	41	30	5	6	00	02031	120	0052131	30	38	1	5	8	0.1	270	1.70	0.5	2	6	5	2.0	0.05	10	6.9
103I	787096	9	507078	5994425	GRNT	41	10	2	6	00	02032	220	0052131	38	8	4	3	4	0.1	360	1.20	0.5	1	2	10	7.0	0.20	10	6.8
103I	787097	9	507684	5994841	GRNT	41	5	2	6	00	03021	210	0052141	44	24	4	3	6	0.1	605	1.85	0.5	1	2	40	15.0	0.10	20	6.7
103I	787098	9	510548	5996042	GRNT	41	60	5	6	00	03021	220	0051131	38	12	3	4	7	0.1	200	2.30	0.5	1	5	30	3.0	0.02	22	7.3
103I	787099	9	510858	5993480	GRNT	41	20	3	6	00	02031	310	0051141	62	14	7	4	8	0.2	990	2.20	0.5	2	2	120	23.0	0.16	10	7.0
103I	787102	9	511141	5993666	GRNT	41	50	4	6	10	02031	210	0051141	44	20	2	8	10	0.2	825	2.00	0.5	1	2	20	17.0	0.02	24	7.5

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787103	9	511141	5993666	GRNT	41	50	4	6	20	02031	210	0051141	44	24	6	7	10	0.1	710	1.90	0.5	2	2	20	5.0	0.02	20	7.3
103I	787104	9	505148	5997767	MVCC	33	25	3	6	00	02236	111	0051144	14	18	1	10	6	0.1	95	1.00	0.5	1	2	10	2.0	0.02	10	7.1
103I	787105	9	504904	5997288	MVCC	33	30	5	6	00	02236	210	0052141	16	26	1	10	7	0.1	130	1.05	0.5	1	4	10	4.0	0.02	10	6.9
103I	787106	9	506794	5998062	GRNT	41	30	2	6	00	02031	130	0052144	30	28	1	12	9	0.1	250	1.80	0.5	1	2	10	5.0	0.02	10	7.4
103I	787107	9	511899	5996584	GRNT	41	20	1	6	00	01031	220	0052131	44	16	2	6	8	0.1	445	1.75	0.5	1	19	20	8.0	0.05	10	7.4
103I	787108	9	513737	5997277	GRNT	41	15	2	6	00	02031	220	0052131	30	42	1	7	12	0.1	260	1.65	0.5	1	5	10	1.0	0.02	10	7.4
103I	787109	9	515603	5998153	MVCC	33	3	1	6	00	02031	130	0052131	42	34	1	9	8	0.1	400	1.75	1.0	1	2	30	1.0	0.02	10	7.5
103I	787110	9	516526	5998562	MVCC	33	3	1	6	00	01026	130	1052131	22	12	1	5	4	0.1	195	1.05	1.0	1	2	10	1.0	0.02	40	7.7
103I	787111	9	509241	6001892	GRNT	41	30	3	6	00	02032	210	0052131	32	8	2	6	5	0.1	360	1.50	0.5	1	2	10	9.0	0.12	10	7.1
103I	787112	9	512582	6000986	MVCC	33	25	3	6	00	02031	210	0052141	52	14	3	3	6	0.1	670	1.70	1.0	3	2	20	9.0	0.05	10	6.9
103I	787113	9	512520	6001413	GRNT	41	30	10	6	00	02032	210	0052141	24	4	1	2	2	0.1	250	0.80	0.5	1	2	20	8.0	0.12	10	7.0
103I	787114	9	512892	6004409	GRNT	41	20	5	6	00	02031	220	0052131	44	74	4	10	13	0.1	470	2.50	0.5	2	5	30	8.0	0.02	10	7.0
103I	787115	9	517550	6005280	MVCC	33	60	5	6	00	02031	210	0052131	48	78	1	14	24	0.1	360	2.80	0.5	1	20	10	5.0	0.02	10	7.1
103I	787116	9	517770	5995939	MVCC	33	30	2	6	00	02031	120	0052131	42	38	2	7	10	0.1	355	1.90	0.5	1	2	20	1.0	0.02	38	7.2
103I	787117	9	503457	6002453	MVCC	33	50	4	6	00	02236	130	0051124	8	16	1	10	5	0.1	60	0.80	0.5	1	2	5	1.0	0.02	10	7.0
103I	787119	9	503826	6002421	MVCC	33	20	2	6	00	02236	120	0051134	26	46	1	34	14	0.1	160	1.70	0.5	1	2	10	2.0	0.02	10	7.0
103I	787120	9	504990	6003902	MVCC	33	25	3	6	00	02021	030	0051134	28	26	1	16	10	0.1	200	1.70	0.5	1	2	20	3.0	0.02	10	7.0
103I	787122	9	505386	6005020	MVCC	33	20	2	6	00	02026	030	0051131	58	80	1	14	13	0.1	570	2.60	0.5	1	2	10	2.0	0.02	10	7.0
103I	787123	9	506286	6005596	GRNT	41	20	2	6	00	02031	220	0051131	32	16	2	6	5	0.1	470	1.20	0.5	1	2	5	10.0	0.02	10	7.0
103I	787124	9	505886	6005991	GRNT	41	15	2	6	00	02031	120	0051131	46	70	1	8	11	0.1	575	2.30	0.5	9	16	5	5.0	0.02	10	6.7
103I	787125	9	506575	6007149	GRNT	41	25	2	6	00	02021	210	0051131	64	64	1	10	12	0.1	665	2.45	0.5	3	6	20	4.0	0.02	10	6.8
103I	787126	9	509114	6005799	GRNT	41	25	4	6	00	02232	120	0051132	34	4	3	2	3	0.1	380	0.95	0.5	1	2	10	12.0	0.10	24	7.4
103I	787127	9	509270	6006013	GRNT	41	15	2	6	00	02121	210	0051142	42	6	2	3	4	0.1	390	1.20	0.5	1	6	20	20.0	0.10	20	7.3
103I	787128	9	507942	6007837	GRNT	41	50	2	6	00	03021	130	0051132	44	10	2	4	4	0.1	530	1.35	0.5	1	2	20	12.0	0.20	20	7.3
103I	787129	9	507858	6008830	GRNT	41	15	2	6	00	03031	111	0051131	60	50	1	12	12	0.1	715	2.40	0.5	1	2	20	5.0	0.05	10	7.2
103I	787130	9	511267	6008121	GRNT	41	20	4	6	00	02032	130	0051131	40	4	1	3	4	0.1	400	1.25	0.5	1	2	10	8.0	0.10	10	7.1
103I	787131	9	508918	6010147	GRNT	41	10	1	6	00	02026	210	0051131	46	2	7	1	3	0.1	740	1.10	0.5	1	2	30	24.0	0.34	10	7.2
103I	787132	9	509802	6009781	GRNT	41	40	3	6	10	03026	130	0051131	34	4	2	1	4	0.1	345	1.10	0.5	1	2	5	11.0	0.20	24	7.7
103I	787133	9	509802	6009781	GRNT	41	40	3	6	20	03026	130	0051131	36	4	1	2	4	0.1	350	1.10	0.5	1	2	5	9.0	0.20	10	7.4
103I	787135	9	511231	6011111	GRNT	41	10	1	6	00	02036	120	0051131	74	10	7	8	7	0.1	600	1.65	0.5	1	2	10	16.0	0.24	20	7.5
103I	787136	9	513661	6011481	GRNT	41	10	1	6	00	03021	120	0051131	18	2	1	1	2	0.1	500	0.70	0.5	1	2	20	12.0	0.10	22	7.5
103I	787137	9	514294	6007806	GRNT	41	30	4	6	00	03036	210	0051131	44	14	4	4	6	0.1	400	1.45	0.5	1	2	10	14.0	0.05	10	7.5
103I	787138	9	515592	6007471	MVCC	33	30	2	6	00	02021	030	0051131	112	76	3	14	28	0.1	800	2.30	1.0	3	2	20	1.0	0.02	10	7.1
103I	787139	9	517115	6009740	MVCC	33	10	1	6	00	11021	210	0041131	80	46	4	6	12	0.1	790	2.05	0.5	1	2	20	10.0	0.02	20	7.4
103I	787140	9	515362	6010623	GRNT	41	30	2	6	00	01032	120	0041131	48	14	2	4	6	0.1	400	1.45	0.5	1	2	10	10.0	0.02	20	7.6
103I	787142	9	501032	6007623	MVCC	33	15	1	6	00	04036	220	0041124	26	70	1	13	11	0.1	230	1.70	0.5	1	5	10	3.0	0.02	10	7.2
103I	787143	9	502122	6008163	MVCC	33	15	1	6	00	02046	111	0041124	30	50	1	8	10	0.1	320	1.90	0.5	9	8	10	4.0	0.02	30	7.4
103I	787144	9	501830	6008544	MVCC	33	10	1	6	10	02026	030	0041122	52	100	1	37	20	0.1	610	3.00	0.5	1	2	20	2.0	0.02	10	7.5
103I	787145	9	501830	6008544	MVCC	33	10	1	6	20	02026	030	0041122	48	100	1	38	20	0.1	630	3.00	0.5	1	2	20	2.0	0.02	10	7.5
103I	787146	9	503286	6008531	GRNT	41	20	1	6	00	02036	120	0051121	46	64	1	10	12	0.1	490	2.50	0.5	1	2	10	1.0	0.12	10	6.8
103I	787147	9	503223	6010338	GRNT	41	30	3	6	00	01046	120	0051121	22	50	1	9	10	0.1	180	1.45	0.5	1	2	10	1.0	0.02	10	7.0
103I	787149	9	504739	6010788	GRNT	41	10	1	6	00	02046	130	0051121	42	22	4	10	6	0.1	395	1.55	0.5	1	2	10	11.0	0.16	20	7.4
103I	787150	9	503972	6011673	GRNT	41	25	3	6	00	02026	130	0051132	42	78	1	18	14	0.1	460	2.55	0.5	1	2	10	3.0	0.02	20	6.9
103I	787151	9	515483	6024436	GRNT	41	25	3	6	00	02231	210	0051144	50	34	1	10	10	0.1	390	2.50	0.5	1	2	20	3.0	0.02	10	7.2
103I	787152	9	515835	6024232	GRNT	41	25	3	6	00	02231	030	0051134	42	10	1	5	5	0.2	250	1.40	0.5	1	2	30	6.0	0.02	10	7.3
103I	787153	9	517553	6026421	GRNT	41	35	4	6	00	02236	210	0051134	48	34	1	9	10	0.1	440	2.35	0.5	1	2	20	4.0	0.02	10	7.5
103I	787154	9	512180	6018968	GRNT	41	20	2	6	00	02236	210	0051124	24	6	1	3	4	0.1	320	1.40	0.5	1	2	10	11.0	0.02	10	7.3
103I	787155	9	514856	6018901	GRNT	41	20	2	6	00	02021	121	0051134	52	36	1	16	12	0.1	580	2.65	0.5	1	2	20	3.0	0.02	10	7.1
103I	787156	9	514638	6019172	GRNT	41	45	3	6	00	02236	210	0051124	26	8	1	4	5	0.1	280	1.35	0.5	1	2	10	4.0	0.02	10	7.2
103I	787157	9	516460	6019693	GRNT	41	15	3	6	00	02036	120	0051131	56	4	1	8	7	0.1	360	1.80	0.5	1	2	20	5.0	0.05	10	7.2

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787158	9	517270	6019131	GRNT	41	30	4	6	00	02036	120	0051131	38	24	1	9	10	0.1	445	2.05	0.5	1	2	20	3.0	0.02	60	7.3
103I	787159	9	516725	6016012	GRNT	41	30	2	6	00	02021	210	0051131	48	34	2	14	12	0.1	935	3.00	0.5	2	2	30	6.0	0.02	10	7.3
103I	787160	9	518425	6017578	GRNT	41	20	3	6	00	02026	211	0052131	44	50	1	15	14	0.1	470	2.30	0.5	1	2	30	3.0	0.02	10	7.4
103I	787162	9	518564	6019318	GRNT	41	25	3	6	00	02031	120	0052131	54	20	1	10	10	0.1	500	2.30	0.5	1	2	30	7.0	0.02	10	7.7
103I	787164	9	518733	6020186	GRNT	41	15	2	6	00	02021	120	0052131	60	8	1	10	7	0.1	350	1.75	0.5	1	2	20	3.0	0.02	20	7.5
103I	787165	9	519883	6020834	GRNT	41	15	2	6	00	02021	120	0051131	54	6	1	5	6	0.1	420	1.80	1.0	1	2	20	6.0	0.14	26	7.9
103I	787166	9	512876	6013842	GRNT	41	25	2	6	00	02031	030	0051131	46	48	1	14	16	0.1	500	2.75	0.5	1	12	20	0.5	0.02	10	7.5
103I	787167	9	506347	6011815	GRNT	41	10	2	6	00	03021	130	0051131	36	8	4	4	4	0.1	375	0.95	0.5	1	2	20	13.0	0.30	10	7.0
103I	787168	9	505518	6015970	GRNT	41	20	2	6	00	02026	210	0051122	62	26	1	11	13	0.1	670	2.90	0.5	1	2	20	5.0	0.02	10	7.2
103I	787169	9	505150	6015646	MVCC	33	30	5	6	00	02233	130	0051122	8	18	1	4	4	0.1	80	0.65	0.5	1	2	10	1.0	0.02	10	7.0
103I	787170	9	504821	6018235	MVCC	33	60	5	6	10	02236	130	0051122	12	26	1	6	6	0.1	115	0.90	0.5	1	2	10	3.0	0.02	10	7.0
103I	787171	9	504821	6018235	MVCC	33	60	5	6	20	02236	130	0051122	12	24	1	6	5	0.1	115	0.85	0.5	1	2	10	2.0	0.05	10	7.0
103I	787172	9	505724	6019987	GRNT	41	40	10	6	00	01233	120	0051122	14	26	1	8	6	0.1	125	0.95	0.5	1	2	10	4.0	0.02	10	7.1
103I	787173	9	506235	6020092	GRNT	41	10	2	6	00	01036	130	0051131	28	62	1	12	11	0.1	270	1.90	0.5	1	2	5	3.0	0.02	10	7.3
103I	787174	9	505764	6020450	GRNT	41	15	1	6	00	02041	121	0051131	46	12	2	3	5	0.1	290	1.20	0.5	1	2	20	10.0	0.10	10	7.2
103I	787175	9	500279	6015994	MVCC	33	25	5	6	00	01231	130	0051124	18	52	1	11	10	0.1	150	1.55	0.5	1	2	10	1.0	0.02	10	7.0
103I	787176	9	500404	6018759	GRNT	41	30	5	6	00	01236	220	0051121	20	62	1	12	10	0.1	170	1.70	0.5	1	2	20	1.0	0.02	10	7.0
103I	787177	9	500089	6020692	GRNT	41	50	8	6	00	01236	120	0051121	18	48	1	9	9	0.1	140	1.45	0.5	1	2	10	4.0	0.02	10	7.0
103I	787178	9	499666	6020846	GRNT	41	40	3	6	00	02031	210	0051131	28	32	2	9	7	0.1	245	1.60	0.5	1	2	20	6.0	0.02	10	7.0
103I	787179	9	501111	6022327	GRNT	41	20	3	6	00	01031	220	0051131	28	28	1	9	7	0.1	240	1.40	0.5	1	2	20	4.0	0.02	10	7.1
103I	787180	9	500773	6022670	GRNT	41	3	1	6	00	02021	220	0051134	58	18	5	8	6	0.1	430	1.50	0.5	1	6	30	11.0	0.38	10	7.1
103I	787182	9	502168	6023472	GRNT	41	25	2	6	00	01041	130	0051131	52	32	1	42	20	0.1	475	3.50	0.5	1	2	10	5.0	0.05	10	7.4
103I	787183	9	503587	6024267	GRNT	41	20	2	6	00	02041	210	0051131	54	14	2	13	11	0.1	445	2.40	0.5	1	2	10	10.0	0.14	10	7.1
103I	787184	9	512264	6026173	GRNT	41	15	2	6	00	01042	121	0051124	36	8	2	4	4	0.1	210	1.15	0.5	1	2	30	10.0	0.16	10	7.2
103I	787185	9	511334	6027150	GRNT	41	40	5	6	00	01041	210	0051121	74	54	1	22	18	0.1	600	3.50	1.0	2	2	20	4.0	0.05	10	7.3
103I	787186	9	511052	6022079	GRNT	41	25	3	6	00	03022	220	0051121	42	22	2	9	8	0.1	360	1.55	0.5	1	2	20	12.0	0.28	10	7.7
103I	787187	9	509290	6017086	GRNT	41	30	3	6	00	03021	310	0051121	54	16	2	4	8	0.1	640	2.20	0.5	3	2	20	8.0	0.02	10	7.4
103I	787188	9	509823	6024817	GRNT	41	35	3	6	00	02032	130	0051121	56	12	4	3	4	0.1	290	1.75	0.5	1	2	10	9.0	0.24	10	7.6
103I	787189	9	515543	6029237	MVCC	33	15	2	6	00	02031	310	0051131	130	70	4	8	14	0.1	550	2.85	2.0	1	2	20	1.0	0.02	10	7.5
103I	787191	9	555416	6024198	MVCC	33	50	5	6	10	02036	121	0051101	78	44	2	12	14	0.1	800	2.75	1.0	1	2	10	2.0	0.02	10	7.8
103I	787192	9	555416	6024198	MVCC	33	50	5	6	20	02036	121	0051101	84	52	2	12	15	0.1	895	3.00	1.0	1	2	10	3.0	0.02	10	7.8
103I	787193	9	555615	6024309	MVCC	33	20	2	6	00	02036	210	0051101	108	70	4	28	20	0.1	1200	3.30	1.0	1	2	20	2.0	0.02	10	7.6
103I	787194	9	554430	6024865	MVCC	33	40	2	6	00	03126	310	0051134	72	56	2	16	15	0.1	840	2.75	1.0	1	2	10	2.0	0.02	10	7.8
103I	787195	9	554719	6025038	MVCC	33	20	2	6	00	03126	030	0051141	84	56	2	16	16	0.1	940	3.00	3.0	1	2	10	2.0	0.02	10	7.8
103I	787196	9	552788	6026217	MVCC	33	10	1	6	00	03021	310	0051131	146	134	6	61	28	0.1	1500	3.70	0.5	1	2	30	2.0	0.02	10	7.6
103I	787197	9	551367	6025740	MVCC	33	30	3	6	00	03226	120	0051144	106	56	2	28	18	0.1	1000	2.65	1.0	1	2	10	2.0	0.02	10	7.6
103I	787198	9	550346	6026229	MVCC	33	10	1	6	00	03021	121	0051141	98	116	7	12	11	0.2	1900	2.45	2.0	1	2	40	12.0	0.02	10	7.9
103I	787199	9	548976	6026082	MVCC	33	10	2	6	00	03021	310	0051141	78	166	4	23	19	0.1	1100	2.90	2.0	1	4	40	2.0	0.02	10	7.5
103I	787200	9	549104	6022257	MVCC	33	35	3	6	00	03026	210	0051141	86	36	1	31	18	0.1	920	2.80	0.5	1	2	10	2.0	0.02	10	7.6
103I	787202	9	548670	6022125	MVCC	33	15	3	6	00	03021	310	0051141	70	46	1	37	18	0.1	880	2.90	1.0	1	2	10	3.0	0.02	20	7.8
103I	787203	9	548700	6023085	MVCC	33	20	2	6	00	02026	310	0051141	86	80	4	32	20	0.1	1100	3.30	1.0	1	4	20	2.0	0.02	10	7.4
103I	787204	9	547751	6023731	MVCC	33	20	3	6	00	02031	210	0051141	74	64	2	18	14	0.1	630	2.45	0.5	1	2	30	5.0	0.05	10	7.3
103I	787205	9	487769	6025581	GRNT	41	25	3	6	10	02236	030	0051124	14	18	1	3	4	0.1	140	2.20	0.5	1	2	10	10.0	0.02	10	6.8
103I	787206	9	487769	6025581	GRNT	41	25	3	6	20	02236	030	0051124	14	14	1	3	4	0.1	130	1.05	0.5	1	2	5	9.0	0.02	10	6.8
103I	787207	9	490215	6026116	GNSS	10	25	3	6	00	01041	120	0051121	76	56	2	20	14	0.1	540	2.20	0.5	1	2	10	3.0	0.02	10	7.1
103I	787208	9	490182	6025684	GRNT	41	35	4	6	00	01241	120	0051121	44	30	1	8	9	0.1	460	2.05	0.5	1	2	20	5.0	0.02	10	7.0
103I	787209	9	488160	6023615	GRNT	41	25	3	6	00	01046	130	0051124	32	20	1	6	6	0.1	260	1.30	0.5	1	2	10	4.0	0.02	10	6.9
103I	787210	9	484998	6021382	GRNT	41	30	2	6	00	01031	210	0051124	42	28	1	16	10	0.1	345	2.10	0.5	1	2	10	5.0	0.02	10	6.8
103I	787211	9	483749	6021245	GNSS	10	5	3	6	00	01031	310	0051124	68	56	1	24	16	0.1	750	3.05	0.5	1	2	30	5.0	0.05	10	7.1
103I	787212	9	475113	6037625	GNSS	10	40	7	6	00	01236	030	0051124	34	56	1	9	8	0.1	250	1.65	0.5	1	2	10	4.0	0.02	10	6.9

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787213	9	475055	6037944	GNSS	10	60	10	6	00	01246	210	0051124	20	30	1	4	6	0.1	175	1.40	0.5	1	2	10	5.0	0.02	10	7.0
103I	787214	9	477032	6038602	GNSS	10	60	10	6	00	01236	030	0051124	18	28	1	4	6	0.1	135	1.15	0.5	1	2	10	6.0	0.02	10	7.0
103I	787215	9	478262	6038395	GNSS	10	70	15	6	00	01236	030	0051121	30	30	1	6	6	0.1	220	1.45	0.5	1	2	10	2.0	0.02	10	7.0
103I	787216	9	478734	6038508	GNSS	10	25	3	6	00	01246	121	0051124	34	18	1	5	5	0.1	225	1.10	0.5	1	6	10	2.0	0.10	10	7.0
103I	787217	9	478646	6036423	GNSS	10	15	2	6	00	02236	130	0051134	24	40	1	6	7	0.1	245	1.30	0.5	1	2	5	2.0	0.02	10	6.8
103I	787218	9	477663	6032981	GNSS	10	30	2	6	00	02246	220	0051134	28	52	1	8	8	0.1	230	1.50	0.5	2	2	10	3.0	0.05	10	6.7
103I	787220	9	480014	6034719	GNSS	10	40	8	6	00	01236	030	0051131	26	42	1	6	6	0.1	200	1.25	0.5	1	2	10	3.0	0.02	10	7.3
103I	787222	9	481033	6034351	GNSS	10	35	3	6	00	01242	120	0051134	28	38	1	7	8	0.1	265	1.50	0.5	2	2	20	5.0	0.02	20	7.3
103I	787223	9	481093	6033447	GNSS	10	10	3	6	00	01041	111	0051134	56	66	1	16	14	0.1	720	2.80	0.5	3	2	50	22.0	0.02	20	6.8
103I	787224	9	480590	6032000	GNSS	10	45	3	6	10	01236	130	0051134	22	40	1	5	8	0.1	220	1.35	0.5	2	2	10	3.0	0.02	20	6.9
103I	787225	9	480590	6032000	GNSS	10	45	3	6	20	01236	130	0051134	24	38	1	6	8	0.1	195	1.40	0.5	1	2	10	3.0	0.02	10	6.8
103I	787226	9	481557	6031639	GNSS	10	15	3	6	00	01041	120	0051134	46	48	2	11	12	0.1	485	2.00	0.5	2	2	30	5.0	0.02	10	6.7
103I	787227	9	481504	6030838	GNSS	10	10	3	6	00	01041	121	0051134	46	72	1	10	12	0.1	455	2.25	0.5	2	2	20	3.0	0.02	20	7.0
103I	787228	9	482775	6030091	GNSS	10	20	2	6	00	02026	220	0051141	42	22	1	8	8	0.1	350	1.75	0.5	1	2	20	8.0	0.02	22	7.0
103I	787229	9	482803	6028792	GNSS	10	20	3	6	00	03026	310	0051141	28	32	1	5	7	0.1	240	1.75	0.5	1	2	10	3.0	0.02	20	6.9
103I	787230	9	482168	6028836	GNSS	10	15	2	6	00	02031	111	0051141	58	42	1	6	10	0.1	250	1.90	0.5	1	2	20	7.0	0.02	10	6.8
103I	787231	9	481381	6027858	GRNT	41	25	3	6	00	02031	210	0051141	42	40	1	8	9	0.1	310	1.70	0.5	1	2	10	6.0	0.02	10	6.8
103I	787232	9	482018	6027242	GRNT	41	30	2	6	00	02036	120	0051141	32	36	1	7	9	0.1	215	1.60	0.5	2	2	10	3.0	0.02	10	6.9
103I	787233	9	481748	6025968	GRNT	41	25	3	6	00	03036	130	0051141	26	38	1	7	9	0.1	180	1.45	0.5	1	4	10	3.0	0.02	20	6.9
103I	787234	9	480562	6025436	GRNT	41	10	1	6	00	02021	030	0051242	74	42	1	22	15	0.1	450	2.75	0.5	1	2	20	4.0	0.02	22	7.1
103I	787235	9	467682	6036727	GRNT	41	80	13	6	00	03236	130	0051134	34	24	1	6	7	0.1	220	1.40	0.5	1	2	10	4.0	0.02	10	7.1
103I	787236	9	468555	6036476	GNSS	10	20	2	6	00	03021	210	0051132	40	44	1	12	10	0.1	280	1.85	0.5	1	2	10	5.0	0.02	10	6.9
103I	787237	9	469375	6035438	GNSS	10	10	2	6	00	03031	310	0051132	54	58	1	12	11	0.1	395	2.40	0.5	2	2	20	3.0	0.02	10	6.9
103I	787238	9	468753	6034762	GRNT	41	20	3	6	00	03226	220	0051134	30	30	1	9	8	0.1	190	1.50	0.5	2	2	10	2.0	0.02	10	6.5
103I	787239	9	473096	6032229	GRNT	41	20	3	6	00	04031	120	0051131	54	68	1	6	10	0.1	395	2.50	0.5	4	2	20	4.0	0.02	10	6.4
103I	787242	9	468753	6031143	GRNT	41	30	3	6	00	04031	030	0051132	38	48	1	9	9	0.1	220	2.00	0.5	1	2	10	3.0	0.02	26	7.1
103I	787243	9	469465	6028306	GRNT	41	35	3	6	00	04031	220	0051132	42	22	1	5	6	0.1	200	1.70	0.5	2	2	10	5.0	0.02	28	6.7
103I	787244	9	470419	6032907	GRNT	41	20	2	6	00	03021	220	0051132	52	56	1	14	12	0.1	375	2.30	0.5	2	2	10	2.0	0.02	28	6.9
103I	787245	9	470830	6032422	GRNT	41	40	3	6	00	03031	130	0051131	30	30	1	4	6	0.1	190	1.50	0.5	1	2	10	1.0	0.02	26	6.6
103I	787246	9	470771	6030216	GRNT	41	30	1	6	10	03226	030	0051132	44	22	1	6	7	0.1	220	1.65	0.5	1	2	10	3.0	0.02	26	7.6
103I	787247	9	470771	6030216	GRNT	41	30	1	6	20	03226	030	0051132	60	32	1	9	9	0.1	310	2.25	0.5	1	2	10	3.0	0.02	24	7.1
103I	787248	9	472482	6029524	GRNT	41	10	1	6	00	02031	310	0151232	58	68	1	14	15	0.1	395	2.65	0.5	3	2	20	2.0	0.02	10	6.8
103I	787249	9	473213	6028449	GRNT	41	20	3	6	00	01036	220	0051134	30	36	1	6	8	0.1	290	1.65	0.5	2	4	10	4.0	0.02	20	7.0
103I	787251	9	472613	6027944	GRNT	41	45	8	6	00	01246	031	0051134	52	20	1	8	8	0.1	245	1.70	0.5	1	2	20	3.0	0.02	26	7.5
103I	787252	9	475106	6027232	GRNT	41	10	3	6	00	01041	120	0051134	44	64	1	12	10	0.1	350	1.90	0.5	1	2	20	1.0	0.02	28	7.7
103I	787253	9	475501	6026920	GRNT	41	15	8	6	00	01036	120	0051134	18	22	1	4	6	0.1	145	1.40	0.5	1	6	10	7.0	0.02	24	7.0
103I	787254	9	474219	6026383	GRNT	41	30	3	6	00	01242	220	0051134	54	24	1	14	11	0.1	250	2.00	0.5	1	2	10	7.0	0.02	10	6.8
103I	787255	9	475058	6025306	GRNT	41	35	4	6	00	01246	220	0051134	36	12	1	7	6	0.1	150	1.30	0.5	1	2	10	2.0	0.02	20	6.7
103I	787256	9	477170	6026031	GRNT	41	10	3	6	00	01241	130	0051134	62	76	1	32	16	0.1	390	2.60	0.5	1	2	30	3.0	0.02	20	6.8
103I	787257	9	477425	6024316	GRNT	41	30	4	6	00	01041	130	0051134	46	30	1	9	10	0.1	190	1.60	0.5	1	2	10	3.0	0.02	10	6.6
103I	787258	9	477892	6023741	GNSS	10	20	2	6	00	01021	130	0051134	32	54	1	10	10	0.1	190	1.70	0.5	2	2	10	0.5	0.02	20	6.7
103I	787259	9	479221	6024430	GRNT	41	10	1	6	00	01021	130	0051134	52	46	1	19	12	0.1	330	2.00	0.5	1	2	10	2.0	0.05	20	7.4
103I	787260	9	481066	6023048	GRNT	41	15	1	6	00	01021	220	0051134	34	22	1	12	9	0.1	270	1.50	0.5	2	2	20	4.0	0.05	20	7.3
103I	787262	9	480772	6021584	GNSS	10	10	1	6	00	01021	111	0051134	38	44	1	28	12	0.1	250	1.60	0.5	1	2	10	2.0	0.02	10	6.9
103I	787263	9	480636	6013948	GNSS	10	25	3	6	00	01031	220	0051121	32	18	1	8	8	0.1	285	1.55	0.5	1	2	10	3.0	0.02	10	6.9
103I	787264	9	479741	6016572	GNSS	10	50	8	6	10	01031	130	0051121	72	34	2	16	12	0.1	730	2.95	8.0	1	2	40	1.0	0.02	10	7.0
103I	787265	9	479741	6016572	GNSS	10	50	8	6	20	01031	130	0051121	78	34	2	18	12	0.1	765	3.05	7.0	1	2	50	2.0	0.02	20	7.0
103I	787266	9	481206	6017010	GNSS	10	20	10	6	00	01021	030	0051121	72	28	2	18	10	0.1	505	2.90	5.0	1	2	40	2.0	0.02	10	6.9
103I	787267	9	482232	6017513	GNSS	10	35	4	6	00	01031	220	0051121	26	18	1	9	6	0.1	220	1.20	0.5	1	2	10	3.0	0.02	10	6.8
103I	787268	9	483505	6017554	GRNT	41	20	3	6	00	01041	310	0051121	46	42	1	18	11	0.1	390	2.00	0.5	1	2	30	6.0	0.02	10	6.6

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787269	9	459707	6051276	GNSS	10	80	7	6	00	04226	130	0051124	36	26	1	6	6	0.1	220	1.40	0.5	1	2	5	4.0	0.02	10	7.1
103I	787270	9	459460	6051650	GNSS	10	10	1	6	00	04031	130	0051232	68	52	1	20	12	0.1	550	2.40	0.5	1	2	20	3.0	0.02	10	7.1
103I	787271	9	457864	6050629	GNSS	10	15	2	6	00	03026	120	0051131	12	8	1	2	3	0.1	90	0.80	0.5	1	2	10	3.0	0.02	20	6.7
103I	787272	9	458499	6050229	GNSS	10	10	1	6	00	03031	220	0051232	36	28	1	9	8	0.1	355	1.50	0.5	1	2	20	4.0	0.02	10	6.8
103I	787273	9	457580	6049667	GNSS	10	25	3	6	00	03236	120	0051134	26	22	1	6	4	0.1	175	0.95	0.5	1	2	10	2.0	0.02	10	6.8
103I	787274	9	463636	6047320	GRNT	41	30	5	6	00	04236	120	0151134	28	16	1	2	6	0.1	175	1.15	0.5	1	2	10	4.0	0.02	24	7.0
103I	787275	9	461764	6047900	GRNT	41	50	4	6	00	04226	210	0051134	24	16	1	2	6	0.1	155	1.40	0.5	1	2	10	8.0	0.02	10	7.0
103I	787276	9	459642	6048333	GNSS	10	10	1	6	00	03031	310	0051242	48	30	2	9	9	0.1	490	2.10	0.5	1	2	30	7.0	0.02	28	7.2
103I	787278	9	458862	6047380	GRNT	41	10	2	6	00	03226	310	0051134	32	30	1	10	8	0.1	220	1.55	0.5	1	2	20	1.0	0.02	26	6.9
103I	787279	9	459339	6046328	GRNT	41	15	3	6	00	02036	220	0051132	44	24	1	6	8	0.1	350	1.80	0.5	1	2	20	10.0	0.16	30	7.1
103I	787280	9	459663	6044904	GRNT	41	30	3	6	00	03236	130	0051134	18	14	1	2	3	0.1	125	1.00	0.5	1	2	5	5.0	0.10	30	7.5
103I	787283	9	457836	6041273	GNSS	10	65	5	6	00	03036	120	0051134	68	46	1	12	10	0.1	380	1.90	0.5	1	2	10	1.0	0.02	10	7.4
103I	787284	9	457125	6038863	GNSS	10	50	3	6	00	04236	120	0051134	48	36	1	8	8	0.1	310	1.50	0.5	1	2	10	3.0	0.02	10	6.9
103I	787285	9	459403	6043191	GNSS	10	60	8	6	00	03236	220	0051134	56	38	1	10	10	0.1	310	1.80	0.5	1	2	10	2.0	0.02	10	6.9
103I	787286	9	461169	6042034	GRNT	41	20	2	6	00	02236	310	0051134	36	12	1	6	7	0.1	200	1.40	0.5	1	2	10	6.0	0.16	10	7.0
103I	787287	9	460608	6041936	GNSS	10	15	2	6	10	03021	121	0051232	58	62	1	20	20	0.1	320	2.60	0.5	2	2	20	2.0	0.02	10	7.1
103I	787288	9	460608	6041936	GNSS	10	15	2	6	20	03021	121	0051232	50	58	1	18	20	0.1	290	2.40	0.5	1	2	20	2.0	0.02	10	7.2
103I	787289	9	461845	6040324	GNSS	10	30	6	6	00	02236	210	0051234	40	44	1	12	9	0.1	240	1.90	1.0	2	2	10	8.0	0.02	10	6.9
103I	787290	9	463044	6039819	GRNT	41	30	3	6	00	02031	220	0051234	56	40	1	9	10	0.1	350	2.35	0.5	2	2	20	5.0	0.05	10	7.1
103I	787291	9	463138	6039028	GNSS	10	10	3	6	00	02031	030	0051232	74	52	1	10	13	0.1	480	2.90	1.0	1	2	20	4.0	0.02	10	6.9
103I	787292	9	462936	6038084	GNSS	10	20	3	6	00	02236	120	0051234	38	18	1	10	7	0.1	190	1.50	0.5	2	2	10	3.0	0.02	10	6.7
103I	787293	9	464480	6037281	GRNT	41	3	1	6	00	02031	120	0051234	70	34	1	10	11	0.1	480	2.70	0.5	1	2	20	3.0	0.02	10	7.0
103I	787294	9	463965	6036953	GNSS	10	6	1	6	00	02241	220	0051234	50	14	1	10	8	0.1	245	2.00	0.5	1	2	10	4.0	0.02	10	6.8
103I	787295	9	465604	6036822	GRNT	41	3	1	6	00	02041	210	0051232	66	66	1	11	12	0.1	420	3.05	0.5	5	2	10	2.0	0.02	10	7.1
103I	787296	9	465890	6035786	GRNT	41	30	3	6	00	02236	120	0051234	34	14	1	4	6	0.1	190	1.40	0.5	1	2	10	2.0	0.02	10	6.9
103I	787297	9	468399	6044830	GNSS	10	30	10	6	00	02236	130	0052144	14	20	1	4	4	0.1	110	0.70	0.5	1	2	10	3.0	0.02	10	7.1
103I	787298	9	467703	6044677	GNSS	10	30	10	6	00	02236	120	0052144	24	12	1	3	5	0.1	140	1.25	0.5	1	12	10	8.0	0.02	10	6.9
103I	787299	9	468321	6043318	GRNT	41	10	1	6	00	02031	120	0052144	36	18	1	10	8	0.1	300	1.60	0.5	1	2	10	4.0	0.02	10	6.8
103I	787300	9	467290	6042173	GRNT	41	10	3	6	00	02236	220	0052144	18	14	1	4	5	0.1	90	0.90	1.0	1	2	10	5.0	0.02	10	7.1
103I	787302	9	468420	6040677	GNSS	10	10	1	6	00	02041	130	0052144	66	44	1	12	8	0.1	500	1.90	0.5	1	2	20	2.0	0.02	10	7.3
103I	787303	9	468817	6039410	GNSS	10	20	6	6	00	02236	120	0052144	34	32	1	11	7	0.1	240	1.45	0.5	1	2	10	3.0	0.02	10	7.1
103I	787305	9	472368	6052634	GNSS	10	20	3	6	00	02236	130	0052134	20	10	1	3	4	0.1	120	1.15	0.5	1	2	10	8.0	0.05	10	7.5
103I	787306	9	473713	6052832	GNSS	10	10	3	6	00	02241	210	0052134	84	32	2	7	8	0.1	545	2.10	1.0	1	2	10	8.0	0.02	10	7.0
103I	787307	9	474408	6052572	GNSS	10	30	5	6	00	02236	130	0052134	38	6	1	2	6	0.1	200	1.55	0.5	1	2	10	4.0	0.02	10	7.0
103I	787308	9	475609	6053237	GNSS	10	10	1	6	00	02026	310	0052134	46	6	1	2	6	0.1	240	1.85	0.5	1	2	10	9.0	0.02	10	7.1
103I	787309	9	476077	6054164	GNSS	10	10	3	6	00	02031	220	0052134	56	10	1	4	6	0.1	310	1.95	2.0	1	2	10	8.0	0.02	10	7.1
103I	787310	9	478195	6054170	GRNT	41	10	3	6	00	02031	120	0052134	44	2	1	2	6	0.1	270	1.70	0.5	1	2	10	4.0	0.02	10	6.7
103I	787311	9	478482	6053128	GRNT	41	50	6	6	00	02246	210	0052134	14	2	1	2	2	0.1	90	1.50	0.5	1	2	10	12.0	0.02	10	6.8
103I	787312	9	479039	6053710	GRNT	41	40	10	6	00	02226	120	0052134	48	2	1	2	6	0.1	270	1.70	0.5	1	2	10	7.0	0.05	10	6.9
103I	787313	9	479151	6052512	GRNT	41	30	2	6	10	02236	120	0052134	44	2	1	2	6	0.1	250	1.80	0.5	1	2	10	5.0	0.02	10	6.9
103I	787314	9	479151	6052512	GRNT	41	30	2	6	20	02236	120	0052134	48	2	1	2	6	0.1	270	1.85	0.5	1	2	40	4.0	0.02	10	6.9
103I	787315	9	481203	6051668	GRNT	41	50	5	6	00	02236	130	0052134	42	2	1	2	4	0.1	210	1.60	0.5	1	2	10	6.0	0.05	10	6.9
103I	787316	9	481257	6050096	GRNT	41	10	2	6	00	02036	121	0052134	54	2	1	2	7	0.1	330	1.90	0.5	1	2	10	6.0	0.02	10	7.4
103I	787317	9	474151	6045007	GNSS	10	60	5	6	00	02226	030	0052144	24	28	1	6	5	0.1	240	1.20	0.5	1	2	10	3.0	0.02	10	7.1
103I	787318	9	475441	6045652	GNSS	10	10	2	6	00	02236	120	0052144	46	72	1	8	8	0.1	305	1.85	0.5	1	2	10	3.0	0.02	10	6.8
103I	787319	9	474761	6046046	GRNT	41	10	2	6	00	02236	220	0052144	30	18	1	4	5	0.1	210	1.20	0.5	1	2	10	4.0	0.02	10	6.7
103I	787320	9	476921	6042375	GNSS	10	30	3	6	00	02236	030	0052144	34	28	1	9	6	0.1	270	1.40	0.5	1	2	10	1.0	0.02	10	6.8
103I	787322	9	477924	6044386	GNSS	10	50	6	6	00	02236	130	0052144	46	34	1	11	8	0.1	335	1.85	0.5	1	2	10	2.0	0.02	10	7.4
103I	787323	9	478271	6044584	GNSS	10	50	6	6	00	02246	030	0052144	12	26	1	4	4	0.1	110	0.95	0.5	1	2	10	4.0	0.02	10	7.1
103I	787324	9	479551	6047537	GRNT	41	30	3	6	00	02236	030	0052144	52	6	2	4	7	0.1	300	1.90	0.5	2	2	10	3.0	0.02	10	6.8

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787325	9	480061	6047255	GNSS	10	10	3	6	00	02246	220	0052144	42	6	3	6	5	0.1	280	1.30	0.5	1	2	10	6.0	0.05	10	6.8
103I	787326	9	481646	6048028	GNSS	10	20	3	6	00	02041	121	0052144	42	10	4	6	5	0.1	300	1.35	0.5	1	2	20	8.0	0.05	10	6.5
103I	787327	9	485023	6049806	GRNT	41	40	4	6	10	02236	030	0152134	28	2	2	2	3	0.1	170	0.90	0.5	1	2	5	2.0	0.02	10	6.8
103I	787328	9	485023	6049806	GRNT	41	40	4	6	20	02236	030	0152134	54	2	2	2	6	0.1	300	1.45	0.5	1	2	10	3.0	0.02	10	6.9
103I	787329	9	482641	6049238	GRNT	41	90	2	6	00	02036	121	0052134	42	8	1	4	6	0.1	250	1.60	0.5	1	2	10	4.0	0.02	10	6.7
103I	787330	9	484665	6046148	GRNT	41	20	3	6	00	02236	030	0052134	20	2	1	2	3	0.1	120	0.75	0.5	1	2	10	5.0	0.02	10	6.6
103I	787332	9	484390	6044671	GNSS	10	50	3	6	00	02246	130	0052134	30	4	2	5	4	0.1	185	1.05	0.5	1	2	10	8.0	0.05	10	7.0
103I	787333	9	485161	6044766	GRNT	41	10	1	6	00	02031	220	0052134	48	8	2	4	7	0.1	255	2.05	0.5	1	2	20	7.0	0.02	10	6.9
103I	787334	9	482850	6042136	GNSS	10	60	3	6	00	02236	120	0052134	26	10	2	8	4	0.1	190	1.10	0.5	2	2	10	4.0	0.02	10	6.8
103I	787335	9	489689	6042274	GRNT	41	30	3	6	00	02236	130	0052134	36	10	2	6	4	0.1	285	1.25	0.5	3	2	10	5.0	0.10	10	7.1
103I	787336	9	484708	6043947	GNSS	10	70	3	6	00	02026	130	0052134	26	4	1	6	4	0.1	180	1.00	0.5	1	2	10	4.0	0.02	10	6.9
103I	787337	9	487090	6042734	GRNT	41	60	5	6	00	02236	030	0052134	22	8	1	5	4	0.1	170	0.85	0.5	1	2	10	7.0	0.05	10	6.9
103I	787338	9	486039	6042269	GNSS	10	5	1	6	00	02031	220	0052134	50	6	2	8	6	0.1	300	1.65	0.5	1	2	40	7.0	0.10	10	7.4
103I	787339	9	486873	6040938	GNSS	10	5	1	6	00	02032	210	0052134	40	6	2	6	5	0.1	260	1.25	0.5	2	2	30	7.0	0.05	10	7.1
103I	787340	9	484643	6039267	GNSS	10	30	3	6	00	02026	030	0152134	32	16	2	7	5	0.1	220	1.45	0.5	2	2	10	5.0	0.05	10	6.9
103I	787342	9	487303	6039359	GNSS	10	40	3	6	00	02036	210	0052134	42	12	2	6	6	0.1	420	1.60	0.5	1	2	20	6.0	0.02	10	6.9
103I	787343	9	485728	6036290	GRNT	41	50	3	6	10	02036	120	1052134	28	24	4	4	6	0.1	230	1.40	0.5	1	2	10	10.0	0.02	10	7.0
103I	787344	9	485728	6036290	GRNT	41	50	3	6	20	02036	120	1052134	24	24	3	4	5	0.1	210	1.20	0.5	1	2	10	6.0	0.02	10	7.1
103I	787345	9	486731	6034364	GNSS	10	20	5	6	00	02232	120	0052131	54	44	3	10	9	0.1	460	2.10	0.5	2	2	10	7.0	0.02	10	7.1
103I	787346	9	488746	6037934	GRNT	41	15	3	6	00	02046	030	0052131	24	4	2	2	3	0.1	130	0.70	0.5	1	2	10	3.0	1.40	52	7.0
103I	787347	9	488234	6037396	GRNT	41	30	3	6	00	02032	120	0052131	32	16	1	4	6	0.1	230	1.20	0.5	1	2	10	5.0	0.02	10	7.0
103I	787348	9	488704	6035906	GNSS	10	60	3	6	00	02031	120	0052131	36	22	1	5	6	0.1	270	1.45	0.5	1	2	10	4.0	0.02	10	7.1
103I	787349	9	487458	6029511	GNSS	10	30	3	6	00	02036	030	0052131	40	36	1	4	7	0.1	240	1.70	0.5	1	2	10	2.0	0.02	10	6.9
103I	787350	9	488631	6032854	GNSS	10	40	3	6	00	02036	310	0052131	30	30	1	4	6	0.1	225	1.55	0.5	2	2	20	3.0	0.02	10	7.0
103I	787351	9	489604	6035031	GNSS	10	20	1	6	00	02032	030	0052131	28	24	2	4	6	0.1	220	1.55	0.5	1	2	10	3.0	0.02	10	7.2
103I	787352	9	490771	6035220	GRNT	41	5	1	6	00	02032	220	0052131	20	2	1	2	3	0.1	160	0.80	0.5	1	2	20	3.0	0.02	10	6.5
103I	787353	9	492064	6034987	GNSS	10	20	5	6	00	02032	120	0052134	32	4	2	4	4	0.1	225	1.10	0.5	1	2	20	10.0	0.12	28	6.8
103I	787355	9	492652	6031879	GRNT	41	40	2	6	00	02026	310	0052131	16	22	1	3	6	0.1	190	1.90	0.5	1	2	20	8.0	0.05	10	6.8
103I	787356	9	496406	6038090	GNSS	10	30	5	6	00	02246	030	0052124	22	4	2	3	3	0.1	115	0.80	0.5	1	2	10	5.0	0.10	26	6.9
103I	787357	9	497420	6038275	GRNT	41	10	2	6	00	02042	120	0052134	50	6	2	8	6	0.1	300	1.50	0.5	1	2	10	7.0	0.12	10	6.8
103I	787358	9	497821	6036881	GRNT	41	50	3	6	00	02032	120	0052134	24	6	2	2	4	0.1	140	1.00	0.5	1	2	10	8.0	0.05	24	6.9
103I	787359	9	499031	6038361	GRNT	41	20	2	6	00	02042	210	0052134	34	6	2	6	4	0.1	205	1.10	0.5	1	2	10	7.0	0.10	10	6.6
103I	787360	9	494389	6051864	GRNT	41	40	3	6	00	02032	220	0052144	54	6	4	2	5	0.1	295	1.40	0.5	1	2	5	8.0	0.02	20	6.8
103I	787362	9	495909	6049057	GRNT	41	60	6	6	10	02246	030	0052144	46	10	2	5	7	0.1	270	2.00	0.5	1	2	10	5.0	0.02	10	7.4
103I	787363	9	495909	6049057	GRNT	41	60	6	6	20	02246	030	0052144	42	8	2	4	6	0.1	240	1.80	0.5	1	2	10	5.0	0.02	10	7.0
103I	787364	9	495816	6049542	GRNT	41	40	6	6	00	02236	120	0052134	64	6	2	4	6	0.1	385	1.70	0.5	1	2	5	6.0	0.02	10	7.1
103I	787365	9	497072	6051848	GRNT	41	40	6	6	00	02036	220	0052144	42	14	2	6	6	0.1	230	2.10	1.0	1	2	10	7.0	0.02	10	6.9
103I	787366	9	497578	6051699	GRNT	41	30	6	6	00	02241	130	0052144	46	26	2	10	8	0.1	240	2.10	2.0	1	2	10	3.0	0.02	10	6.8
103I	787367	9	497731	6048503	GRNT	41	20	1	6	00	02041	220	0052134	98	48	4	34	15	0.1	420	3.60	1.0	2	2	5	3.0	0.02	10	7.0
103I	787368	9	497496	6046746	GRNT	41	20	3	6	00	02242	210	0052134	54	10	2	7	6	0.1	350	2.00	0.5	1	2	20	12.0	0.05	10	6.7
103I	787369	9	495397	6042827	GRNT	41	55	4	6	00	04236	030	0052144	36	18	2	10	6	0.1	230	1.50	1.0	1	2	10	6.0	0.02	10	6.7
103I	787370	9	495042	6043221	GRNT	41	10	1	6	00	02031	310	0052144	60	26	4	10	10	0.1	550	2.15	0.5	2	14	30	27.0	0.05	28	7.2
103I	787371	9	494585	6044012	GNSS	10	40	6	6	00	02246	130	0052144	26	8	1	4	4	0.1	165	0.90	0.5	1	2	10	5.0	0.05	24	6.8
103I	787372	9	498108	6043650	GRNT	41	40	3	6	00	02236	220	0052134	16	4	12	5	3	0.1	105	0.70	0.5	1	2	10	7.0	0.05	10	6.9
103I	787373	9	500390	6044309	GRNT	41	20	1	6	00	01036	220	0052131	46	20	3	12	7	0.1	390	1.65	0.5	1	2	20	5.0	0.10	10	6.9
103I	787374	9	500755	6044086	GRNT	41	30	3	6	00	01232	120	0052131	44	8	3	9	6	0.1	220	1.15	0.5	1	2	10	27.0	0.10	10	7.3
103I	787375	9	500987	6044597	GRNT	41	40	6	6	00	01031	130	0052134	52	22	2	14	7	0.1	280	1.80	1.0	1	4	10	4.0	0.02	10	6.9
103I	787376	9	501018	6049157	GNSS	10	60	6	6	00	02236	030	0052134	52	18	2	12	8	0.1	240	2.00	1.0	1	4	10	4.0	0.02	10	6.9
103I	787377	9	500804	6046451	GRNT	41	60	7	6	00	02036	220	0052131	74	34	5	32	9	0.1	270	2.40	0.5	1	2	10	3.0	0.02	10	7.0
103I	787379	9	503409	6042067	GRNT	41	10	1	6	00	02246	220	0052131	40	6	3	5	5	0.1	210	0.90	0.5	1	2	5	9.0	0.80	22	7.1

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787380	9	456331	6031442	GNSS	10	25	3	6	00	04031	120	0051122	48	52	1	8	10	0.1	260	2.60	0.5	1	2	10	1.0	0.02	10	6.6
103I	787382	9	457412	6034272	GNSS	10	35	2	6	00	03022	220	0051131	34	22	1	5	7	0.1	170	1.50	0.5	1	2	10	2.0	0.02	10	7.5
103I	787383	9	457163	6033850	GNSS	10	45	3	6	00	03021	210	0051121	34	22	1	5	7	0.1	160	1.60	0.5	1	2	10	2.0	0.02	10	7.1
103I	787384	9	459575	6033234	GNSS	10	15	2	6	00	02036	030	0051131	32	22	1	14	9	0.1	120	1.40	0.5	1	2	10	2.0	0.02	10	6.4
103I	787385	9	460434	6033613	GNSS	10	10	2	6	00	02021	120	0052132	42	38	2	19	12	0.1	240	1.80	0.5	1	2	10	2.0	0.02	10	6.6
103I	787386	9	462034	6031346	GNSS	10	20	3	6	00	02236	130	0051134	24	18	1	13	7	0.1	110	1.10	0.5	1	2	20	1.0	0.02	10	6.5
103I	787387	9	462734	6031746	GNSS	10	10	2	6	00	02031	210	0152132	62	38	1	17	12	0.1	240	2.70	0.5	6	2	20	3.0	0.02	10	6.5
103I	787388	9	463887	6030034	GNSS	10	10	3	6	00	02036	030	0052132	48	24	1	12	8	0.1	200	1.90	0.5	1	2	10	2.0	0.02	10	6.2
103I	787389	9	464999	6029995	GRNT	41	15	3	6	00	02031	210	0052132	38	16	3	8	7	0.1	195	1.45	0.5	1	2	10	4.0	0.02	10	6.8
103I	787390	9	465231	6028776	GRNT	41	15	2	6	00	02031	111	0052132	42	20	2	8	8	0.1	205	1.80	0.5	2	2	20	4.0	0.02	10	6.6
103I	787391	9	459005	6027673	GNSS	10	40	3	6	00	04021	210	0051141	42	44	1	18	10	0.1	220	2.35	0.5	3	2	20	3.0	0.02	10	6.7
103I	787392	9	460182	6023804	GNSS	10	30	3	6	10	04236	130	0151134	32	40	1	12	8	0.1	130	1.65	0.5	1	2	10	2.0	0.02	10	6.3
103I	787394	9	460182	6023804	GNSS	10	30	3	6	20	04236	130	0151134	34	36	1	12	8	0.1	130	1.60	0.5	1	2	10	3.0	0.02	10	6.6
103I	787395	9	460231	6026169	GRNT	41	40	3	6	00	03021	130	0052141	36	34	2	14	10	0.1	170	1.80	0.5	1	2	20	1.0	0.02	10	6.7
103I	787396	9	460269	6025799	GRNT	41	45	3	6	00	03036	030	0052131	32	34	1	12	9	0.1	130	1.70	0.5	1	2	10	1.0	0.02	10	6.4
103I	787397	9	461495	6026108	GNSS	10	15	2	6	00	02026	130	0052141	54	18	2	12	10	0.1	270	2.40	0.5	1	2	20	1.0	0.02	10	6.5
103I	787398	9	462160	6025931	GNSS	10	10	3	6	00	02036	220	0152142	42	18	2	10	8	0.1	220	1.95	0.5	1	2	10	3.0	0.02	10	6.3
103I	787399	9	462460	6025321	GNSS	10	20	3	6	00	02031	210	0051144	32	38	2	19	10	0.1	145	2.00	0.5	1	2	10	3.0	0.02	10	6.6
103I	787400	9	463540	6025238	GNSS	10	15	2	6	00	02021	220	0152142	46	38	12	18	11	0.1	190	2.30	0.5	4	2	20	2.0	0.02	10	6.3
103I	787402	9	465884	6025438	GRNT	41	10	2	6	00	01041	121	0052132	32	12	2	5	6	0.1	160	1.40	0.5	1	2	10	2.0	0.02	10	6.0
103I	787403	9	465836	6024873	GRNT	41	30	2	6	00	01041	031	0052132	36	12	2	4	5	0.1	170	1.75	0.5	2	2	20	4.0	0.05	10	6.1
103I	787404	9	462416	6016112	GNSS	10	15	2	6	00	02031	220	0051132	52	38	2	8	8	0.1	210	2.95	0.5	1	2	20	3.0	0.02	10	5.7
103I	787405	9	462087	6016169	GNSS	10	25	3	6	00	02041	220	0051132	50	20	1	9	9	0.1	240	2.45	0.5	2	2	10	1.0	0.02	10	5.8
103I	787406	9	462459	6017803	GNSS	10	25	2	6	00	01043	111	0052142	38	40	2	12	10	0.1	200	2.00	0.5	1	2	30	1.0	0.02	10	6.1
103I	787407	9	462769	6019114	GNSS	10	30	3	6	00	01041	220	0051131	68	38	1	12	10	0.1	280	2.85	0.5	1	2	20	1.0	0.02	10	5.8
103I	787408	9	462450	6019438	GNSS	10	30	4	6	10	01031	120	0052141	28	50	1	10	9	0.1	140	1.90	0.5	1	2	10	2.0	0.02	10	5.7
103I	787409	9	462450	6019438	GNSS	10	30	4	6	20	01031	120	0051131	30	52	1	10	9	0.1	150	2.00	0.5	1	2	20	2.0	0.02	10	5.9
103I	787410	9	463749	6019841	GNSS	10	30	4	6	00	01031	120	0051142	40	64	1	11	11	0.1	170	2.00	0.5	1	2	10	3.0	0.02	10	6.0
103I	787411	9	463570	6020499	GNSS	10	15	2	6	00	01031	120	0051142	36	46	1	14	10	0.1	145	2.00	0.5	1	2	40	2.0	0.05	10	5.9
103I	787412	9	464151	6022403	GNSS	10	20	2	6	00	01031	120	0051142	40	26	1	11	8	0.1	175	2.10	0.5	1	2	10	2.0	0.02	10	5.9
103I	787413	9	466173	6020981	GNSS	10	8	1	6	00	01041	310	0052132	60	40	2	12	12	0.1	310	2.90	0.5	2	2	30	4.0	0.02	10	6.3
103I	787414	9	467306	6017131	GNSS	10	40	3	6	00	01031	120	0051131	36	46	2	15	12	0.1	160	2.20	0.5	1	2	20	2.0	0.02	10	6.3
103I	787415	9	467274	6020299	GNSS	10	50	4	6	00	01031	120	0051131	32	18	1	7	7	0.1	120	1.95	0.5	1	2	10	2.0	0.05	10	6.1
103I	787416	9	469211	6019807	GRNT	41	10	1	6	00	01031	210	0052132	74	40	3	12	12	0.1	300	3.50	0.5	3	2	30	4.0	0.02	10	6.0
103I	787417	9	469192	6020513	GRNT	41	15	2	6	00	01021	120	0052132	42	20	2	5	8	0.1	215	1.90	0.5	1	2	20	9.0	0.02	10	6.1
103I	787418	9	470684	6020728	GRNT	41	20	1	6	00	01021	220	0051132	16	8	1	2	4	0.1	100	1.10	1.0	1	2	10	10.0	0.02	10	6.1
103I	787420	9	471101	6019544	GRNT	41	8	2	6	00	01031	220	0051132	30	14	1	3	6	0.1	110	1.35	0.5	1	2	10	3.0	0.02	10	6.2
103I	787422	9	472211	6019372	GRNT	41	15	2	6	00	01031	220	0052132	46	22	1	10	10	0.1	150	1.70	0.5	1	2	10	2.0	0.02	10	6.4
103I	787423	9	475734	6019022	GRNT	41	20	2	6	00	01031	030	0052132	58	22	2	14	9	0.1	370	2.50	3.0	1	2	30	3.0	0.02	10	6.4
103I	787424	9	476993	6020755	GRNT	41	7	1	6	00	02031	120	0052232	44	14	1	6	9	0.1	220	2.00	0.5	1	2	20	2.0	0.02	10	6.3
103I	787425	9	479316	6019779	GNSS	10	5	1	6	00	01031	120	0052222	38	42	1	11	10	0.1	280	1.80	0.5	1	2	30	3.0	0.02	10	6.3
103I	787426	9	498562	6025597	GRNT	41	10	2	6	00	01021	120	0051122	52	34	1	3	8	0.1	435	2.00	0.5	1	2	30	5.0	0.05	10	6.7
103I	787427	9	496611	6024265	GRNT	41	30	2	6	10	01021	120	0051122	42	22	2	4	6	0.1	280	1.50	0.5	1	2	10	5.0	0.02	10	6.5
103I	787429	9	496611	6024265	GRNT	41	30	2	6	20	01021	120	0051122	50	22	2	5	7	0.1	320	1.60	0.5	1	2	10	4.0	0.02	10	6.5
103I	787430	9	494180	6020995	GRNT	41	30	1	6	00	01046	030	0051122	22	26	1	8	6	0.1	185	1.20	0.5	1	2	10	3.0	0.02	10	6.9
103I	787431	9	494586	6020905	GRNT	41	20	2	6	00	01046	130	0051122	34	40	2	12	8	0.1	245	1.55	0.5	1	2	20	6.0	0.02	200	6.4
103I	787432	9	493451	6023259	GRNT	41	40	6	6	00	01036	120	0051121	26	24	1	8	6	0.1	200	1.30	1.0	1	2	10	5.0	0.02	78	6.6
103I	787433	9	491219	6021830	GRNT	41	10	1	6	00	01031	111	0052222	38	32	2	16	10	0.1	320	2.10	0.5	1	2	40	7.0	0.10	10	6.9
103I	787434	9	489502	6020773	GRNT	41	10	2	6	00	01031	220	0052222	50	34	2	15	10	0.1	440	2.65	3.0	1	4	20	6.0	0.02	10	6.4
103I	787435	9	500801	5995823	GRNT	41	15	1	6	00	01032	220	0052142	38	8	3	2	7	0.1	630	1.90	0.5	1	2	10	13.0	0.05	10	6.5

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787436	9	496863	5992191	GRNT	41	15	1	6	00	02046	120	0051134	44	14	1	2	5	0.1	260	1.30	0.5	1	5	10	4.0	0.02	10	6.0
103I	787437	9	497010	5991896	GRNT	41	35	2	6	00	02236	030	0051134	34	18	1	2	5	0.1	235	1.15	0.5	1	2	10	3.0	0.02	10	6.2
103I	787438	9	498541	5993929	GRNT	41	50	7	6	00	01236	030	0051131	26	12	1	1	4	0.1	170	0.85	0.5	1	2	10	3.0	0.02	10	6.5
103I	787439	9	499595	5993802	GRNT	41	25	3	6	00	01041	210	0051141	36	44	1	4	8	0.1	390	2.10	0.5	2	2	40	5.0	0.02	10	6.0
103I	787440	9	499274	5996117	GRNT	41	30	3	6	00	01036	210	0051141	22	36	1	10	14	0.1	525	2.10	0.5	2	2	20	6.0	0.05	10	6.7
103I	787442	9	498525	5996569	GRNT	41	15	2	6	00	01046	310	0051142	36	12	3	3	6	0.1	350	1.40	0.5	1	2	40	6.0	0.02	10	5.9
103I	787443	9	498630	5997083	MVCC	33	10	1	6	00	01036	120	0051141	28	60	1	18	13	0.1	330	2.00	0.5	2	5	20	4.0	0.02	10	6.2
103I	787444	9	497367	5997601	GRNT	41	20	2	6	00	01046	220	0052144	28	8	1	2	6	0.1	300	1.40	0.5	1	2	20	6.0	0.05	10	5.9
103I	787445	9	496131	5998520	GRNT	41	70	10	6	00	01236	220	0051131	32	12	1	2	4	0.1	260	1.30	0.5	1	2	10	4.0	0.02	10	6.4
103I	787446	9	496451	5998648	GRNT	41	80	8	6	10	01236	120	0051131	22	12	1	2	4	0.1	190	1.10	0.5	1	2	10	5.0	0.02	10	6.3
103I	787447	9	496451	5998648	GRNT	41	80	8	6	20	01236	120	0051131	28	14	1	2	4	0.1	220	1.15	0.5	1	2	10	4.0	0.02	10	6.1
103I	787448	9	496320	5999884	MVCC	33	25	1	6	00	01036	130	0051142	38	90	2	18	13	0.1	295	2.20	0.5	2	2	10	3.0	0.02	10	5.7
103I	787449	9	497069	6001925	MVCC	33	35	2	6	00	02046	120	0052144	16	36	1	24	10	0.1	140	1.30	0.5	1	4	20	1.0	0.02	10	6.0
103I	787450	9	495528	6001113	MVCC	33	50	3	6	00	01046	120	0051141	18	46	2	19	10	0.1	145	1.40	0.5	1	2	10	1.0	0.02	10	6.1
103I	787451	9	492972	5992242	GRNT	41	40	2	6	00	04026	120	0051141	32	18	1	2	5	0.1	255	1.20	0.5	1	2	10	2.0	0.02	10	5.8
103I	787452	9	493021	5994957	GRNT	41	10	2	6	00	02032	130	0051242	40	14	2	1	4	0.1	290	1.20	0.5	1	2	10	4.0	0.02	10	6.6
103I	787453	9	493000	5994499	GRNT	41	50	4	6	00	03026	030	0052141	34	18	1	2	5	0.1	265	1.30	0.5	2	2	10	4.0	0.02	10	6.1
103I	787454	9	493606	5996040	GRNT	41	10	1	6	00	02032	220	0052244	44	12	2	1	5	0.1	350	1.40	0.5	2	2	10	3.0	0.05	10	6.0
103I	787455	9	494007	5995677	GRNT	41	15	2	6	00	02036	210	0052244	24	6	1	1	4	0.1	260	1.00	0.5	1	2	10	5.0	0.02	10	5.6
103I	787456	9	494902	5997391	GRNT	41	15	1	6	00	02021	220	0051242	30	6	2	2	5	0.1	260	1.30	0.5	1	2	20	9.0	0.02	10	6.4
103I	787457	9	494949	5996792	GRNT	41	15	2	6	00	02036	030	0051144	34	6	2	1	6	0.1	320	1.30	0.5	1	2	10	5.0	0.10	10	5.7
103I	787458	9	494020	6002107	GRNT	41	20	2	6	00	02036	030	0051144	20	6	2	1	3	0.1	165	0.80	0.5	1	2	10	3.0	0.02	10	6.2
103I	787460	9	493721	6003187	MVCC	33	40	3	6	00	02036	030	0051141	22	58	1	12	10	0.1	165	1.50	0.5	2	2	10	0.5	0.02	10	6.1
103I	787462	9	492811	6003140	GRNT	41	20	3	6	00	02031	210	0051142	52	14	2	6	8	0.1	480	2.05	0.5	2	2	10	4.0	0.02	10	6.3
103I	787463	9	491862	6004105	GRNT	41	20	2	6	00	02236	120	0051242	34	10	1	2	5	0.1	245	1.10	0.5	1	2	10	2.0	0.02	10	6.0
103I	787464	9	491720	6005093	MVCC	33	10	1	6	00	02026	030	0051242	40	70	1	18	13	0.1	310	2.10	0.5	2	2	20	2.0	0.02	10	6.3
103I	787465	9	483131	6003453	GNSS	10	50	2	6	10	04026	030	0052131	42	24	2	6	8	0.1	220	1.90	0.5	1	2	10	0.5	0.02	10	6.2
103I	787466	9	483131	6003453	GNSS	10	50	2	6	20	04026	030	0052131	46	26	1	9	10	0.1	240	1.95	0.5	1	2	10	1.0	0.02	10	6.3
103I	787468	9	486880	6004340	GNSS	10	40	3	6	00	03026	031	0052131	42	20	1	7	8	0.1	265	1.75	0.5	1	2	20	2.0	0.02	22	6.5
103I	787469	9	486377	6002168	GRNT	41	10	2	6	00	02021	211	0052231	26	24	1	2	6	0.1	260	1.30	0.5	1	2	20	4.0	0.02	20	5.8
103I	787470	9	487673	5999956	GRNT	41	15	3	6	00	02036	210	0052232	28	8	1	1	4	0.1	195	1.00	0.5	1	2	10	3.0	0.02	10	5.6
103I	787471	9	487691	5999562	GRNT	41	15	2	6	00	02026	210	0052232	36	8	1	1	4	0.1	270	1.10	0.5	1	2	10	3.0	0.05	20	6.3
103I	787472	9	487149	5992034	GRNT	41	25	2	6	00	02026	130	0051232	34	20	1	5	6	0.1	230	1.30	0.5	1	2	10	2.0	0.05	10	6.2
103I	787473	9	481509	5984611	GRNT	41	10	1	6	00	02221	120	0051144	32	52	1	12	9	0.1	190	2.00	0.5	2	2	10	1.0	0.02	10	6.2
103I	787474	9	481362	5984925	GNSS	10	40	3	6	00	01236	030	0051131	20	38	1	5	8	0.1	125	1.50	0.5	1	2	10	8.0	0.02	10	6.0
103I	787475	9	483986	5984439	GRNT	41	50	6	6	00	01231	030	0051131	42	34	1	6	8	0.1	210	2.00	0.5	2	2	10	1.0	0.02	10	6.0
103I	787476	9	484333	5983918	GRNT	41	60	8	6	00	01236	210	0051131	28	22	1	5	6	0.1	145	1.50	0.5	2	2	10	1.0	0.02	10	6.2
103I	787477	9	485771	5984675	GNSS	10	20	1	6	00	01031	030	0052144	60	58	1	11	10	0.1	225	2.75	0.5	5	2	10	2.0	0.05	10	6.0
103I	787478	9	486823	5985540	GNSS	10	20	2	6	00	01021	210	0052142	42	18	2	6	8	0.1	180	2.10	0.5	1	2	20	3.0	0.02	10	5.8
103I	787479	9	488101	5985186	GNSS	10	40	2	6	00	01031	120	0051142	58	34	1	12	12	0.1	370	2.50	0.5	1	2	10	1.0	0.02	10	6.0
103I	787480	9	493348	5985569	GNSS	10	40	3	6	00	01036	130	0051121	44	20	1	6	8	0.1	240	1.80	0.5	1	2	10	2.0	0.02	10	5.9
103I	787482	9	494431	5985270	GRNT	41	30	2	6	10	01032	220	0052124	40	34	1	10	12	0.1	330	2.10	0.5	1	2	20	3.0	0.02	10	6.0
103I	787483	9	494431	5985270	GRNT	41	30	2	6	20	01032	220	0052124	36	32	1	8	11	0.1	290	1.85	0.5	1	2	20	5.0	0.02	10	5.7
103I	787485	9	494021	5986918	GRNT	41	10	1	6	00	02046	130	1052132	28	12	1	2	5	0.1	210	1.60	0.5	1	2	20	8.0	0.02	10	6.2
103I	787486	9	495342	5986812	GRNT	41	30	4	6	00	01236	130	0051121	16	6	2	1	3	0.1	115	0.60	0.5	1	2	10	2.0	0.02	10	6.1
103I	787487	9	499180	5985573	GRNT	41	40	4	6	00	01246	130	0051131	28	8	1	2	5	0.1	210	1.10	0.5	1	2	20	2.0	0.02	10	6.4
103I	787488	9	499296	5986004	GRNT	41	15	1	6	00	01021	220	0052242	42	14	1	4	7	0.1	340	1.85	0.5	1	2	10	5.0	0.05	10	6.1
103I	787489	9	490041	5989108	GNSS	10	40	2	6	00	02246	130	0052122	36	20	1	5	6	0.1	250	1.35	0.5	1	2	10	1.0	0.02	10	6.0
103I	787490	9	487806	5988938	GNSS	10	30	3	6	00	01031	130	0052122	42	22	1	6	8	0.1	185	1.90	0.5	1	2	10	1.0	0.05	10	5.7
103I	787491	9	487600	5990570	GNSS	10	50	3	6	00	01131	130	1051122	36	22	1	6	6	0.1	150	1.85	0.5	1	2	10	2.0	0.02	10	6.0

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMPCMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787492	9	488273	5990494	GNSS	10	20	3	6	00	01231	021	0052121	54	28	1	10	8	0.1	270	2.10	1.0	1	2	20	3.0	0.02	10	6.2
103I	787493	9	479678	5987830	GRNT	41	30	3	6	00	04036	030	0051134	42	34	1	10	8	0.1	250	1.90	0.5	1	2	20	1.0	0.05	10	6.0
103I	787494	9	477290	5991231	GNSS	10	30	3	6	00	02036	130	0051121	36	24	1	5	6	0.1	210	1.45	0.5	2	2	10	3.0	0.05	10	6.1
103I	787495	9	480355	5991908	GNSS	10	50	3	6	00	03031	210	0052131	44	32	1	10	10	0.1	350	2.15	0.5	2	2	20	1.0	0.02	10	6.3
103I	787496	9	483388	5989729	GNSS	10	35	3	6	00	04031	130	0052144	50	46	1	12	9	0.1	230	2.20	0.5	1	2	10	2.0	0.02	10	6.5
103I	787497	9	482942	5990043	GNSS	10	20	3	6	00	02031	310	0052242	30	64	2	14	9	0.1	200	2.20	1.0	2	2	20	3.0	0.02	10	6.4
103I	787498	9	481166	5992771	GNSS	10	40	1	6	00	03021	120	0052131	34	30	1	10	8	0.1	180	1.90	0.5	1	4	10	6.0	0.02	10	6.3
103I	787499	9	481730	5992691	GNSS	10	35	3	6	00	03026	031	0052141	54	46	1	12	10	0.1	250	2.40	0.5	1	2	10	3.0	0.02	10	6.9
103I	787500	9	482387	5995643	GNSS	10	50	4	6	00	02031	120	0051131	70	48	1	16	12	0.1	335	2.70	0.5	1	2	10	1.0	0.02	10	7.0
103I	787502	9	482801	5996037	GRNT	41	20	2	6	10	02036	120	0052244	22	24	1	2	4	0.1	170	1.05	0.5	1	2	10	4.0	0.02	10	6.0
103I	787503	9	482801	5996037	GRNT	41	20	2	6	20	02036	120	0052244	20	18	1	2	5	0.1	150	0.90	0.5	1	2	10	3.0	0.02	10	6.4
103I	787504	9	479793	5996758	GNSS	10	30	2	6	00	02021	030	0052141	46	36	2	10	10	0.1	250	2.00	0.5	1	2	10	2.0	0.02	10	6.6
103I	787505	9	482681	5997164	GNSS	10	60	10	6	00	02031	120	0051131	26	30	1	6	7	0.1	165	1.65	0.5	1	2	10	6.0	0.02	10	7.1
103I	787506	9	481902	5997694	GNSS	10	35	3	6	00	02031	120	0052141	56	34	1	12	12	0.1	290	2.30	0.5	2	2	10	3.0	0.02	10	7.0
103I	787507	9	483465	5997971	GNSS	10	15	2	6	00	02021	130	0052242	30	10	1	4	6	0.1	215	1.30	0.5	1	2	10	3.0	0.02	10	6.4
103I	787508	9	483630	5999361	GRNT	41	10	1	6	00	02031	120	0052242	32	16	1	5	6	0.2	225	1.20	0.5	1	2	20	2.0	0.02	10	6.3
103I	787509	9	484709	5999946	GRNT	41	3	1	6	00	02021	220	0052242	60	28	2	14	10	0.1	400	2.35	0.5	1	2	20	4.0	0.05	10	6.7
103I	787510	9	486989	5998703	GRNT	41	10	2	6	00	02021	210	0052232	46	24	4	10	9	0.1	320	1.60	0.5	1	2	20	2.0	0.02	10	6.6
103I	787511	9	488956	5995971	GRNT	41	25	2	6	00	02021	111	0052232	32	10	1	3	5	0.2	220	1.20	0.5	1	2	10	3.0	0.02	10	6.4
103I	787512	9	487509	5995793	GRNT	41	25	3	6	00	01236	220	0052132	14	6	1	2	4	0.1	130	1.05	0.5	1	2	10	5.0			
103I	787513	9	487636	5994360	GRNT	41	20	1	6	00	01042	130	0052232	30	16	2	4	6	0.1	210	1.40	0.5	1	2	10	5.0	0.10	10	7.0
103I	787514	9	488689	5992408	GRNT	41	25	2	6	00	01246	120	0052232	48	18	1	4	6	0.1	320	1.60	0.5	1	2	20	3.0	0.02	10	6.6
103I	787515	9	488927	6007840	MVCC	33	30	2	6	00	01031	130	0052232	28	30	2	7	7	0.1	245	1.40	0.5	1	2	10	5.0	0.10	10	6.8
103I	787516	9	482517	6007172	GRNT	41	35	3	6	00	01242	220	0052132	32	12	1	6	6	0.1	170	2.45	0.5	1	2	10	4.0	0.05	10	6.5
103I	787517	9	484863	6008205	GNSS	10	45	2	6	00	01241	120	0052132	26	14	1	6	6	0.1	200	1.40	0.5	1	2	10	5.0	0.02	10	6.7
103I	787518	9	487229	6008525	GNSS	10	40	4	6	00	01031	120	0052131	26	12	1	5	6	0.1	190	1.20	0.5	1	2	10	3.0	0.02	10	6.5
103I	787519	9	488307	6010147	MVCC	33	10	1	6	00	01046	130	0052232	28	30	1	8	8	0.1	260	1.45	0.5	1	2	10	5.0	0.10	10	7.0
103I	787522	9	484639	6011987	GNSS	10	15	2	6	00	01021	130	0052242	36	18	2	10	8	0.1	290	1.60	0.5	1	2	10	3.0	0.05	10	6.7
103I	787523	9	484403	6011584	GNSS	10	30	3	6	00	01031	211	0052131	24	12	1	6	6	0.1	180	1.20	0.5	1	2	10	3.0	0.02	10	6.5
103I	787524	9	496933	6007817	GRNT	41	50	5	6	10	04231	220	0052144	32	70	1	10	12	0.1	195	2.00	0.5	1	2	10	1.0	0.02	10	6.2
103I	787525	9	496933	6007817	GRNT	41	50	5	6	20	04231	220	0052144	32	66	1	10	11	0.1	200	1.95	0.5	1	2	10	1.0	0.05	10	6.2
103I	787526	9	496517	6009415	GRNT	41	50	4	6	00	01231	130	0051131	30	64	1	10	10	0.1	190	1.90	0.5	2	2	10	1.0	0.02	10	6.3
103I	787527	9	496571	6007461	MVCC	33	30	3	6	00	02046	220	0052142	40	80	1	13	12	0.1	215	2.30	0.5	2	2	10	1.0	0.02	10	6.3
103I	787528	9	497213	6009918	GRNT	41	25	3	6	00	02241	031	0051142	32	88	1	12	10	0.1	200	1.85	0.5	1	2	30	3.0	0.02	10	6.0
103I	787529	9	495390	6010790	GRNT	41	40	2	6	00	01246	130	0051141	36	54	2	10	12	0.1	240	1.80	0.5	1	8	20	0.5	0.02	10	6.3
103I	787530	9	494590	6011199	GRNT	41	25	1	6	00	01031	030	0052141	24	36	2	10	8	0.1	200	1.40	0.5	2	2	10	3.0	0.02	10	6.0
103I	787532	9	493880	6008871	MVCC	33	20	2	6	00	04236	120	0051142	38	80	1	17	14	0.1	235	1.95	1.0	2	2	10	1.0	0.05	10	6.4
103I	787533	9	493905	6010581	MVCC	33	30	5	6	00	01246	210	0051141	32	78	1	12	15	0.1	210	1.95	1.0	1	6	20	3.0	0.02	10	6.3
103I	787534	9	492802	6011504	GRNT	41	35	2	6	00	01246	130	0052142	22	50	2	14	10	0.1	210	1.50	0.5	1	2	20	2.0	0.02	10	6.1
103I	787535	9	492228	6012500	GRNT	41	15	1	6	00	01021	310	0052242	36	56	2	15	12	0.1	425	2.45	0.5	1	2	20	2.0	0.05	10	6.8
103I	787536	9	490719	6012750	GRNT	41	30	5	6	00	01246	120	0051131	38	60	1	12	12	0.1	250	2.20	0.5	1	2	10	2.0	0.02	10	6.3
103I	787537	9	488516	6013279	GRNT	41	50	5	6	00	01236	120	0052131	32	48	1	10	10	0.1	210	1.80	0.5	1	2	10	1.0	0.02	10	6.3
103I	787538	9	494433	6015565	GRNT	41	30	3	6	00	03036	130	0052131	32	56	1	10	10	0.1	230	1.65	0.5	1	2	10	2.0	0.02	10	6.0
103I	787539	9	494306	6015936	GRNT	41	25	2	6	00	03036	120	0052242	24	40	2	12	8	0.1	200	1.35	0.5	1	2	20	3.0	0.05	10	6.0
103I	787540	9	491454	6016146	GRNT	41	40	4	6	00	02036	120	0052131	44	52	1	11	10	0.1	355	2.30	0.5	1	2	20	5.0	0.02	10	6.2
103I	787542	9	491073	6016522	GRNT	41	10	1	6	00	02036	030	0052242	22	28	2	8	6	0.1	210	1.20	0.5	1	2	10	2.0	0.14	10	6.9
103I	787543	9	488068	6015621	GRNT	41	40	5	6	00	03036	120	0052131	28	30	2	10	7	0.1	245	1.55	0.5	1	2	10	3.0	0.05	10	6.5
103I	787544	9	486834	6012419	GNSS	10	40	3	6	00	02026	120	0052131	30	12	1	7	5	0.1	210	1.40	0.5	1	2	10	2.0	0.10	10	6.2
103I	787545	9	487195	6013742	GRNT	41	20	3	6	00	02036	130	0052232	18	12	1	4	4	0.1	190	0.90	0.5	1	2	10	5.0	0.10	10	6.2
103I	787546	9	486962	6016023	GRNT	41	13	2	6	00	02026	031	0052232	22	18	1	4	4	0.1	210	1.00	0.5	1	2	10	0.5	0.10	10	6.0

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787547	9	477881	5999349	GNSS	10	30	3	6	00	01236	220	0051121	42	22	1	7	7	0.1	300	1.80	0.5	1	2	10	1.0	0.10	10	6.6
103I	787548	9	478152	5999554	GNSS	10	20	1	6	00	01231	130	0051122	44	36	2	12	9	0.1	240	2.00	0.5	1	2	10	0.5	0.05	10	7.0
103I	787549	9	476489	6001187	GNSS	10	70	3	6	00	01036	130	0051121	32	18	1	6	6	0.1	230	1.50	0.5	1	2	10	1.0	0.02	10	6.6
103I	787550	9	476042	6001068	GNSS	10	45	3	6	00	01036	130	0052132	34	14	1	5	6	0.1	210	1.55	0.5	1	2	20	1.0	0.02	10	6.3
103I	787551	9	476214	6002470	GNSS	10	15	1	6	00	01031	210	0052232	54	36	1	12	10	0.1	320	2.40	0.5	2	2	20	3.0	0.10	10	6.6
103I	787552	9	475480	6003399	GNSS	10	35	2	6	00	01041	030	0052131	66	40	2	14	11	0.1	310	2.55	0.5	2	2	20	2.0	0.05	10	6.8
103I	787553	9	477479	6005291	GNSS	10	20	2	6	10	02031	130	0051132	42	36	1	12	10	0.1	240	2.35	0.5	2	2	20	3.0	0.02	10	7.1
103I	787554	9	477479	6005291	GNSS	10	20	2	6	20	02031	130	0051132	48	36	1	14	10	0.1	270	2.40	0.5	2	2	20	2.0	0.02	10	7.3
103I	787555	9	475341	6005259	GNSS	10	40	2	6	00	01031	120	0051131	54	30	2	10	10	0.1	240	2.25	0.5	2	2	10	2.0	0.05	10	7.0
103I	787556	9	473911	6005647	GNSS	10	10	1	6	00	02031	210	0051232	44	28	2	12	9	0.1	210	2.20	0.5	1	2	10	2.0	0.02	10	6.6
103I	787558	9	474238	6006131	GNSS	10	15	1	6	00	01031	130	0152232	104	50	1	31	21	0.1	510	3.85	0.5	4	2	20	1.0	0.02	10	6.6
103I	787559	9	471811	6005247	GNSS	10	20	1	6	00	02031	030	0052132	40	26	1	10	7	0.2	190	1.95	0.5	2	2	30	2.0	0.05	10	6.9
103I	787560	9	473008	6007088	GNSS	10	35	2	6	00	01041	220	0052131	36	32	2	12	9	0.1	200	2.00	0.5	2	2	10	2.0	0.02	10	6.7
103I	787562	9	473127	6008721	GNSS	10	15	2	6	00	01031	130	0152232	72	22	1	12	10	0.1	265	2.50	0.5	2	2	20	2.0	0.02	10	7.5
103I	787563	9	471403	6000903	GNSS	10	30	3	6	00	02031	210	0051121	36	24	1	11	8	0.1	245	1.75	0.5	1	2	20	2.0	0.10	10	6.9
103I	787564	9	470931	6000828	GNSS	10	15	2	6	10	02036	030	0052132	30	22	2	7	8	0.1	190	1.80	0.5	1	2	10	3.0	0.10	10	6.1
103I	787565	9	470931	6000828	GNSS	10	15	2	6	20	02036	030	0052132	32	22	1	7	8	0.1	190	1.80	0.5	1	2	10	0.5	0.10	10	6.2
103I	787566	9	469430	6004029	GNSS	10	45	5	6	00	01031	120	0151121	42	24	2	10	9	0.1	250	1.95	0.5	1	2	20	0.5	0.02	10	6.6
103I	787567	9	468989	6003903	GNSS	10	20	2	6	00	01031	120	0052232	48	26	1	10	8	0.1	255	2.00	0.5	2	2	20	3.0	0.05	10	6.6
103I	787568	9	468011	6006103	GNSS	10	50	3	6	00	01031	120	0151121	22	10	2	4	4	0.1	110	1.10	0.5	1	2	10	4.0	0.02	10	6.7
103I	787569	9	466620	6008303	GNSS	10	60	3	6	00	01021	210	0151121	46	30	1	11	9	0.1	245	2.45	0.5	1	2	20	1.0	0.02	10	6.6
103I	787570	9	473928	5990267	GRNT	41	25	3	6	00	03031	120	0052131	28	22	1	4	4	0.1	110	1.65	0.5	4	2	20	1.0	0.05	10	6.1
103I	787571	9	473431	5992693	GRNT	41	35	3	6	00	03031	130	0052131	28	16	1	3	4	0.1	120	1.45	0.5	3	2	10	1.0	0.05	10	6.3
103I	787572	9	474026	5995755	GRNT	41	10	1	6	00	02031	210	0152232	80	56	2	25	16	0.1	320	3.50	0.5	3	2	20	3.0	0.02	10	6.6
103I	787573	9	474098	5995162	GRNT	41	60	8	6	00	03026	120	0051121	36	14	1	6	6	0.1	210	1.75	1.0	1	2	10	2.0	0.02	10	6.6
103I	787574	9	473698	5994826	GRNT	41	40	4	6	00	03026	130	0052131	24	16	2	3	5	0.1	115	1.50	0.5	5	2	10	1.0	0.05	10	6.3
103I	787575	9	471045	5989092	GRNT	41	40	3	6	00	02031	120	0051131	40	22	2	6	7	0.1	225	1.65	0.5	1	2	30	1.0	0.05	10	6.3
103I	787576	9	469521	5990639	GRNT	41	40	3	6	00	02036	030	0051141	44	38	1	7	8	0.1	325	1.95	0.5	1	2	10	2.0	0.05	10	6.5
103I	787578	9	469967	5990675	GRNT	41	45	4	6	00	02036	211	0051131	42	22	1	8	6	0.1	200	1.70	0.5	4	2	20	2.0	0.05	10	6.5
103I	787579	9	469908	5992375	GRNT	41	60	3	6	00	02036	120	0051131	36	22	1	6	7	0.1	215	1.60	0.5	1	2	10	2.0	0.05	10	6.5
103I	787580	9	469718	5992741	GRNT	41	20	3	6	00	02031	310	0052242	36	40	1	8	7	0.1	240	1.40	0.5	1	2	10	1.0	0.05	10	7.0
103I	787582	9	471413	5995439	GNSS	10	80	4	6	00	03036	120	0051131	38	24	1	8	7	0.1	220	1.55	0.5	1	2	10	1.0	0.02	10	7.0
103I	787583	9	471923	5996899	GNSS	10	3	1	6	00	02021	310	0052232	58	42	1	14	14	0.1	290	2.40	0.5	2	2	20	1.0	0.05	10	6.7
103I	787584	9	469371	5997136	GNSS	10	15	3	6	00	02036	310	0052131	34	16	2	9	7	0.1	170	1.45	0.5	1	2	10	2.0	0.05	10	6.5
103I	787585	9	466285	5998507	GRNT	41	25	3	6	00	03021	030	0052131	38	42	2	8	8	0.1	270	1.70	0.5	1	2	20	2.0	0.02	10	6.6
103I	787586	9	465474	5999724	GRNT	41	30	2	6	00	03021	210	0052131	26	30	2	7	6	0.1	260	1.50	0.5	1	2	20	4.0	0.05	10	6.2
103I	787587	9	462841	6000445	GRNT	41	10	1	6	00	02021	220	0052231	46	38	2	18	10	0.1	325	1.90	0.5	3	2	20	2.0	0.02	10	6.0
103I	787588	9	461308	6001796	GRNT	41	5	1	6	00	02021	220	0052231	54	44	1	18	18	0.1	440	2.25	0.5	2	2	20	2.0	0.02	10	6.5
103I	787589	9	509068	6035637	GRNT	41	25	1	6	00	02021	030	0152122	46	4	2	9	6	0.1	275	1.50	0.5	1	2	10	19.0	0.05	10	6.6
103I	787590	9	478912	6008948	GNSS	10	40	4	6	00	02041	030	0051121	26	16	4	7	4	0.1	135	1.30	0.5	1	2	10	3.0	0.02	10	6.8
103I	787591	9	478497	6009216	GNSS	10	20	1	6	00	02041	030	0051132	50	22	1	10	8	0.1	170	2.10	0.5	1	2	10	2.0	0.05	10	6.6
103I	787592	9	479086	6009447	GNSS	10	20	1	6	10	02041	111	0051132	74	68	1	25	20	0.1	485	3.20	0.5	1	2	20	4.0	0.02	10	6.6
103I	787593	9	479086	6009447	GNSS	10	20	1	6	20	02041	111	0051132	74	60	1	24	19	0.1	430	3.00	0.5	2	2	30	2.0	0.05	10	6.7
103I	787594	9	479470	6011355	GNSS	10	15	1	6	00	01041	220	0051132	74	56	2	37	16	0.1	285	3.30	0.5	1	2	20	2.0	0.10	10	6.4
103I	787595	9	478537	6011092	GNSS	10	50	4	6	00	01031	120	0051121	46	24	1	10	8	0.1	220	2.00	0.5	1	2	10	3.0	0.02	10	6.9
103I	787596	9	476103	6014761	GNSS	10	60	3	6	00	11021	130	0051121	42	24	2	11	8	0.1	220	1.85	1.0	1	2	10	0.5	0.02	10	7.0
103I	787597	9	475648	6012447	GRNT	41	20	1	6	00	11021	310	0052222	66	20	2	12	10	0.2	380	2.45	2.0	1	2	30	1.0	0.02	10	7.4
103I	787599	9	474754	6011535	GRNT	41	15	1	6	00	11021	120	0052222	44	16	1	8	5	0.1	120	1.50	1.0	1	2	20	3.0	0.05	10	6.2
103I	787600	9	469665	6008598	GRNT	41	10	1	6	00	01036	111	0052222	42	12	1	8	7	0.1	180	1.65	0.5	1	2	10	0.5	0.02	10	6.8
103I	787602	9	467743	6008868	GNSS	10	3	1	6	00	01011	210	0052222	68	34	1	14	12	0.1	240	2.80	0.5	1	2	20	2.0	0.02	10	7.1

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787603	9	465533	6007266	GNSS	10	25	2	6	00	01021	130	0052121	42	16	1	7	5	0.2	135	1.60	0.5	1	2	20	2.0	0.02	10	7.1
103I	787605	9	465135	6007057	GRNT	41	30	2	6	00	01041	220	0051121	44	26	1	14	10	0.2	190	1.90	0.5	2	2	20	1.0	0.05	10	7.0
103I	787606	9	462193	6004744	GRNT	41	30	4	6	00	01121	121	0051121	62	24	2	13	8	0.2	305	2.40	2.0	1	2	40	1.0	0.02	10	6.8
103I	787607	9	459128	6010421	GRNT	41	40	2	6	00	02031	220	0051131	48	20	1	8	7	0.1	220	1.80	0.5	1	2	10	2.0	0.02	10	6.6
103I	787608	9	458845	6010255	GRNT	41	40	3	6	00	02036	210	0051131	30	10	1	7	4	0.1	215	1.30	0.5	1	2	20	1.0	0.02	10	6.5
103I	787609	9	460126	6009666	GRNT	41	25	3	6	00	02031	031	0052131	36	14	1	8	6	0.1	140	1.60	0.5	1	2	10	1.0	0.02	10	6.5
103I	787610	9	461855	6011428	GNSS	10	15	2	6	00	02021	121	1052131	60	24	2	8	10	0.1	190	2.60	0.5	1	2	20	2.0	0.02	10	6.7
103I	787611	9	461289	6009976	GNSS	10	40	3	6	00	02031	210	0052131	44	16	1	6	6	0.1	140	2.20	0.5	1	2	20	1.0	0.02	10	6.6
103I	787612	9	465569	6013162	GRNT	41	30	3	6	00	02031	211	0051121	40	42	1	11	9	0.2	185	2.45	0.5	1	2	20	0.5	0.02	10	6.5
103I	787613	9	517193	6040497	MVCC	33	20	2	6	00	02036	310	0052131	78	78	6	12	22	0.2	565	3.00	0.5	4	2	20	13.0	0.24	10	7.5
103I	787614	9	509663	6039404	GRNT	41	30	3	6	10	02036	220	0051131	28	4	1	4	3	0.1	180	0.95	0.5	1	2	10	8.0	0.20	10	7.0
103I	787615	9	509663	6039404	GRNT	41	30	3	6	20	02036	220	0051131	32	4	1	4	3	0.1	200	1.10	0.5	1	2	10	9.0	0.22	10	7.1
103I	787616	9	507848	6041033	GRNT	41	30	2	6	00	02031	120	0052134	34	4	2	3	3	0.1	210	1.20	0.5	1	2	10	16.0	0.26	10	6.5
103I	787617	9	506381	6041155	GRNT	41	25	3	6	00	02036	210	0052131	40	6	1	6	4	0.1	245	1.20	0.5	1	2	10	16.0	0.24	10	6.7
103I	787618	9	504630	6041746	GRNT	41	10	2	6	00	02036	211	0052231	34	2	1	4	4	0.1	200	1.05	0.5	1	2	10	17.0	1.20	10	6.8
103I	787619	9	538814	6023993	GRNT	41	8	1	6	00	02021	220	0051232	62	18	7	10	8	0.2	485	1.90	0.5	1	2	20	10.0	0.05	28	7.3
103I	787620	9	535406	6024385	GRNT	41	15	3	6	00	01042	030	0051242	22	6	1	3	2	0.1	120	1.40	0.5	1	2	10	3.0	0.10	26	7.5
103I	787622	9	535572	6024782	GRNT	41	25	3	6	10	01041	130	0051131	52	10	1	8	5	0.1	355	1.80	0.5	1	4	10	7.0	0.05	38	7.2
103I	787623	9	535572	6024782	GRNT	41	25	3	6	20	01041	130	0051131	58	14	4	9	6	0.1	430	2.20	0.5	1	2	5	8.0	0.02	40	7.2
103I	787624	9	535195	6027168	GRNT	41	4	1	6	00	02021	121	0052231	56	20	10	5	8	0.2	1050	1.45	0.5	7	2	10	9.0	0.02	10	7.2
103I	787625	9	535320	6026650	GRNT	41	5	2	6	00	02021	310	1052231	106	16	15	28	25	0.1	3500	11.00	4.0	120	2	20	8.0	0.05	28	7.1
103I	787626	9	536367	6029748	GRNT	41	7	1	6	00	01021	220	0052241	30	10	6	3	4	0.1	245	1.20	1.0	1	2	10	8.0	7.50	34	7.8
103I	787628	9	534988	6031191	GRNT	41	5	1	6	00	01021	310	0052241	64	102	2	22	21	0.1	495	2.95	0.5	2	26	20	1.0	0.02	20	7.4
103I	787629	9	544032	6026673	GRNT	41	20	2	6	00	01046	210	0051142	132	82	5	8	16	0.1	680	3.65	2.0	2	2	10	2.0	0.18	10	7.4
103I	787630	9	545090	6025013	MVCC	33	25	2	6	00	01031	120	0051141	96	76	4	10	14	0.1	720	2.30	2.0	1	2	10	4.0	0.02	42	7.3
103I	787631	9	546390	6025486	MVCC	33	10	1	6	00	01011	120	0051242	36	40	12	8	6	0.2	420	1.40	0.5	2	75	10	13.0	0.10	48	7.4
103I	787632	9	555797	6028046	MVCC	33	30	2	6	00	01031	220	0051141	88	44	4	20	12	0.2	1200	2.10	3.0	1	2	20	3.0	0.02	22	7.9
103I	787633	9	559970	6031660	MVCC	33	10	1	6	00	02021	120	0051141	86	16	4	6	7	0.1	1350	1.90	11.0	1	2	10	11.0	0.02	20	7.6
103I	787634	9	559939	6029975	MVCC	33	15	1	6	00	01021	120	0051241	72	22	2	4	9	0.2	1050	2.05	4.0	1	2	10	2.0	0.10	20	7.9
103I	787635	9	560471	6029489	MVCC	33	20	2	6	00	01031	120	0051142	66	36	1	22	18	0.2	940	2.30	3.0	1	2	5	1.0	0.05	40	8.1
103I	787636	9	558261	6029306	MVCC	33	20	2	6	00	01021	130	0051141	62	24	1	8	14	0.1	830	1.75	3.0	1	2	5	1.0	0.02	34	7.8
103I	787637	9	558076	6028558	MVCC	33	30	3	6	00	01021	030	0051131	72	32	1	12	15	0.1	970	2.05	2.0	1	2	5	1.0	0.02	42	7.7
103I	787638	9	558554	6028601	MVCC	33	20	2	6	00	01031	030	0052141	68	30	1	9	16	0.1	900	2.10	3.0	1	2	5	1.0	0.02	40	7.6
103I	787639	9	559588	6022088	MVCC	33	30	3	6	00	02031	120	0051141	150	88	10	22	23	0.1	1800	4.00	2.0	1	2	20	3.0	0.02	30	7.5
103I	787640	9	561163	6020521	MVCC	33	30	3	6	00	02036	310	0052140	112	46	32	8	10	0.1	1100	3.20	2.0	1	2	20	2.0	0.02	30	7.4
103I	787642	9	561442	6021209	MVCC	33	45	4	6	00	02036	130	0052141	118	64	9	9	18	0.1	1200	3.30	0.5	1	2	10	1.0	0.02	10	7.7
103I	787643	9	562060	6018069	MVCC	33	60	5	6	00	02236	130	0052141	78	54	9	20	15	0.2	665	2.70	4.0	1	2	10	2.0	0.02	10	7.4
103I	787644	9	562207	6017729	MVCC	33	20	3	6	00	02231	120	0052141	98	34	16	9	12	0.1	800	2.50	1.0	1	2	20	2.0	0.02	40	7.3
103I	787645	9	563548	6019117	MVCC	33	25	3	6	00	02031	210	0052141	94	72	4	10	19	0.2	1000	3.70	5.0	1	2	20	2.0	0.05	130	7.4
103I	787646	9	563052	6020544	MVCC	33	60	3	6	00	02231	111	0051141	120	50	10	8	14	0.2	1250	3.15	0.5	1	2	10	2.0	0.02	10	7.4
103I	787647	9	564505	6021046	MVCC	33	10	1	6	00	02021	220	0052241	240	36	47	10	15	0.4	1450	3.10	1.0	1	2	30	1.0	0.02	28	7.8
103I	787648	9	563700	6024406	MVCC	33	10	2	6	00	02031	111	0052241	44	48	2	10	8	0.2	420	1.90	10.0	3	2	50	2.0	0.02	10	7.5
103I	787649	9	562767	6026662	MVCC	33	30	2	6	00	02031	121	0051141	50	34	1	21	12	0.1	890	1.70	0.5	1	2	40	1.0	0.05	24	7.6
103I	787650	9	556297	6033240	MVCC	33	6	1	6	00	02031	210	0051241	122	78	6	24	14	0.2	1100	1.90	0.5	1	2	30	2.0	0.02	26	7.8
103I	787651	9	553787	6031580	MVCC	33	20	2	6	00	02021	220	0051141	88	44	2	16	14	0.1	910	2.45	1.0	1	2	20	2.0	0.02	10	7.7
103I	787652	9	553238	6033606	GRNT	41	40	2	6	00	02031	210	0051141	102	48	4	22	16	0.1	970	2.65	0.5	1	2	30	1.0	0.02	20	7.8
103I	787653	9	549519	6029411	MVCC	33	15	2	6	00	02031	220	0051214	86	146	2	20	29	0.2	1000	3.10	1.0	2	15	40	3.0	0.02	20	7.4
103I	787655	9	549848	6029304	MVCC	33	15	2	6	10	02031	210	0051131	62	58	2	12	12	0.1	760	2.00	1.0	1	2	30	2.0	0.02	10	7.2
103I	787656	9	549848	6029304	MVCC	33	15	2	6	20	02031	210	0051131	62	60	1	12	13	0.1	770	2.15	1.0	1	2	30	1.0	0.02	10	7.4
103I	787657	9	560038	5987893	GRNT	41	40	5	6	00	02036	220	0051121	26	32	2	2	4	0.1	240	0.95	0.5	1	2	20	2.0	0.02	10	7.0

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787658	9	559042	5984127	GRNT	41	50	3	6	00	02236	120	0051114	42	32	1	7	8	0.1	380	1.60	0.5	1	14	20	2.0	0.02	10	7.1
103I	787659	9	558139	5987018	GRNT	41	50	10	6	00	02236	030	0051114	20	16	1	2	4	0.1	230	0.75	0.5	1	2	10	2.0	0.02	10	7.2
103I	787660	9	557670	5987096	GRNT	41	30	6	6	00	02246	130	0051124	22	20	1	4	5	0.1	300	1.05	0.5	1	2	10	2.0	0.02	10	7.2
103I	787662	9	557162	5988199	GRNT	41	30	3	6	00	02221	220	0052124	28	18	2	6	6	0.1	410	1.30	0.5	1	2	10	3.0	0.02	38	7.5
103I	787663	9	557849	5988174	GRNT	41	60	10	6	00	01226	130	0051124	18	20	1	2	4	0.1	200	0.80	0.5	1	2	10	2.0	0.05	10	7.2
103I	787664	9	557411	5990376	GRNT	41	10	3	6	00	01031	120	0052121	46	26	1	8	10	0.2	635	2.20	1.0	1	2	40	6.0	0.10	10	7.0
103I	787665	9	557556	5991347	GRNT	41	20	3	6	00	02036	220	0052121	32	24	1	4	6	0.1	400	1.30	0.5	1	4	20	4.0	0.10	10	6.2
103I	787666	9	556671	5992749	GRNT	41	20	3	6	10	01036	210	0052121	32	22	1	5	7	0.1	330	1.50	0.5	1	2	20	3.0	0.10	10	5.7
103I	787667	9	556671	5992749	GRNT	41	20	3	6	20	01036	210	0052121	32	22	1	4	7	0.1	330	1.70	0.5	1	2	20	3.0	0.05	10	6.1
103I	787668	9	555491	5993572	GRNT	41	3	1	6	00	01021	220	0052121	26	16	1	3	5	0.1	310	1.50	0.5	1	2	40	2.0	0.02	10	7.0
103I	787669	9	555441	5995080	GRNT	41	20	2	6	00	03036	220	0052121	20	8	1	3	4	0.1	155	1.10	0.5	1	2	20	5.0	0.10	10	6.9
103I	787670	9	554361	5995462	GRNT	41	10	1	6	00	02041	210	0052121	90	44	1	25	16	0.1	1300	3.95	0.5	3	2	30	3.0	0.05	100	7.3
103I	787671	9	555021	5995755	GRNT	41	10	3	6	00	03036	210	0052121	28	16	1	10	7	0.1	285	1.50	0.5	1	2	20	5.0	0.02	10	6.7
103I	787672	9	552856	5998071	MVCC	33	6	1	6	00	03031	220	0051121	66	72	1	17	12	0.1	850	2.60	0.5	2	2	30	2.0	0.02	72	7.2
103I	787673	9	553797	5998092	GRNT	41	3	1	6	00	01022	210	0052121	44	26	1	16	10	0.1	555	2.10	0.5	1	5	40	2.0	0.02	40	7.0
103I	787674	9	552883	5999260	GRNT	41	10	2	6	00	01032	210	0051121	102	74	2	15	15	0.1	825	3.20	0.5	3	2	30	2.0	0.02	56	7.3
103I	787675	9	553089	6000420	MVCC	33	10	3	6	00	02031	130	0051121	84	220	1	26	20	0.2	805	3.80	0.5	35	19	30	2.0	0.10	72	7.6
103I	787676	9	552102	6003923	GRNT	41	6	1	6	00	02021	130	1051121	68	24	1	10	11	0.1	1100	3.30	0.5	1	2	70	6.0	0.02	10	7.3
103I	787678	9	550192	6004517	GRNT	41	10	3	6	00	02031	210	0051121	54	22	2	11	10	0.1	540	2.10	0.5	1	2	20	7.0	0.02	24	7.6
103I	787679	9	563416	5994715	GRNT	41	40	6	6	00	02236	030	0051124	26	36	1	5	7	0.1	230	1.35	0.5	1	2	20	3.0	0.05	10	7.0
103I	787680	9	562937	5994965	GRNT	41	20	2	6	00	01036	210	0052131	38	34	1	6	9	0.1	310	2.00	0.5	1	2	30	3.0	0.02	10	6.7
103I	787682	9	562243	5996682	GRNT	41	20	1	6	10	01031	130	0052131	44	54	1	68	26	0.1	240	2.60	0.5	2	2	30	1.0	0.02	10	7.0
103I	787683	9	562243	5996682	GRNT	41	20	1	6	20	01031	130	0052131	40	52	1	62	25	0.1	220	2.70	0.5	2	2	20	1.0	0.02	10	7.0
103I	787684	9	560691	5998084	GRNT	41	20	1	6	00	01226	220	0052134	38	26	2	4	5	0.1	260	1.70	0.5	1	2	20	7.0	0.10	10	7.0
103I	787685	9	561550	5998144	GRNT	41	10	3	6	00	02036	120	0052131	46	26	2	27	14	0.1	280	2.20	0.5	1	2	20	3.0	0.02	10	7.1
103I	787686	9	562706	6000865	GRNT	41	30	3	6	00	01036	210	0051131	38	12	6	11	8	0.1	270	1.70	0.5	1	2	20	4.0	0.02	10	6.8
103I	787687	9	558478	6001284	GRNT	41	20	1	6	00	01226	130	0052134	28	6	1	2	4	0.1	215	1.30	0.5	1	2	10	4.0	0.05	10	6.9
103I	787688	9	558660	6002210	GRNT	41	10	1	6	00	01031	310	0052131	62	32	2	38	16	0.1	510	2.80	0.5	1	2	40	3.0	0.02	130	7.4
103I	787689	9	557016	6002423	GRNT	41	10	1	6	00	01011	310	1052131	80	32	14	14	24	0.1	5000	5.60	0.5	16	2	100	2.0	0.02	50	7.2
103I	787690	9	554804	6003881	GRNT	41	10	2	6	00	02011	210	0052131	96	28	13	23	17	0.1	1300	3.85	0.5	3	2	80	1.0	0.02	42	7.2
103I	787691	9	564171	6008115	MVCC	33	10	2	6	00	02036	210	0051141	86	64	10	12	13	0.2	590	2.40	0.5	8	11	20	19.0	0.40	10	7.0
103I	787693	9	563800	6008332	MVCC	33	10	3	6	00	02036	220	0052141	86	78	7	17	15	0.1	645	2.40	0.5	5	2	20	8.0	0.02	10	7.4
103I	787694	9	562953	6006878	MVCC	33	30	5	6	00	01236	130	0051144	76	62	7	18	14	0.1	555	2.60	0.5	7	11	30	8.0	0.26	10	7.1
103I	787695	9	562908	6006134	MVCC	33	30	5	6	00	01236	210	0051144	58	26	2	16	10	0.1	415	2.00	0.5	5	2	20	1.0	0.05	32	6.9
103I	787696	9	561553	6005751	MVCC	33	30	3	6	00	01036	130	0052141	42	18	2	12	7	0.1	310	2.20	0.5	3	6	20	2.0	0.02	52	6.9
103I	787697	9	561891	6006490	MVCC	33	20	2	6	00	01031	130	0051141	84	66	14	24	19	0.1	650	3.00	1.0	52	8	20	1.0	0.02	28	7.1
103I	787698	9	559560	6005234	MVCC	33	10	1	6	00	01031	310	0052141	68	24	3	21	10	0.2	455	2.40	0.5	4	2	20	2.0	0.02	52	6.9
103I	787699	9	559835	6005680	MVCC	33	20	3	6	00	01246	210	0052144	54	56	6	21	14	0.1	360	2.25	0.5	1	5	20	1.0	0.02	10	6.9
103I	787700	9	558190	6005093	MVCC	33	3	1	6	00	01031	031	0052141	76	42	4	19	15	0.1	625	2.80	1.0	2	2	10	2.0	0.02	200	7.5
103I	787702	9	558038	6011857	MVCC	33	50	3	6	00	02236	130	0051124	52	58	1	16	12	0.1	380	2.50	0.5	1	2	20	1.0	0.14	10	6.9
103I	787703	9	556969	6012556	MVCC	33	10	2	6	00	02046	030	0052131	68	84	2	26	16	0.1	570	3.05	0.5	1	2	20	1.0	0.02	10	7.2
103I	787704	9	557121	6013253	MVCC	33	20	3	6	10	02246	120	0052134	46	26	4	5	6	0.1	365	2.20	0.5	1	2	10	1.0	0.02	10	7.1
103I	787705	9	557121	6013253	MVCC	33	20	3	6	20	02246	120	0052134	48	24	6	4	7	0.1	380	2.30	0.5	1	2	10	2.0	0.02	10	7.1
103I	787706	9	555566	6014451	MVCC	33	20	3	6	00	01246	130	0052134	46	34	3	7	8	0.1	390	2.40	2.0	1	2	10	2.0	0.02	10	7.1
103I	787707	9	554539	6014304	MVCC	33	5	1	6	00	01046	210	0052131	124	130	2	40	22	0.1	1300	4.30	1.0	1	11	10	1.0	0.02	10	7.4
103I	787708	9	554025	6013309	MVCC	33	15	3	6	00	02041	120	0052131	88	58	11	34	18	0.1	810	3.35	1.0	1	2	30	2.0	0.05	10	7.4
103I	787709	9	554562	6011677	MVCC	33	3	1	6	00	01036	210	0052131	72	68	6	34	16	0.1	455	2.80	0.5	2	2	10	1.0	0.02	10	7.1
103I	787710	9	554698	6010040	MVCC	33	30	5	6	00	01246	220	0051134	62	56	1	22	15	0.1	385	2.70	0.5	1	2	10	1.0	0.10	10	7.0
103I	787711	9	550869	6007507	GRNT	41	20	1	6	00	01031	211	0051121	52	12	2	10	8	0.2	530	2.40	0.5	1	2	40	7.0	0.10	62	7.5
103I	787712	9	550319	6008045	GRNT	41	10	1	6	00	01031	210	0051121	60	18	2	11	9	0.1	520	2.30	1.0	1	4	30	9.0	0.02	44	7.4

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787713	9	549799	6010618	MVCC	33	10	2	6	00	01021	310	0052121	60	36	1	22	12	0.2	530	2.95	1.0	1	2	20	1.0	0.10	24	8.0
103I	787714	9	550319	6010201	MVCC	33	10	1	6	00	01036	120	0052121	72	54	1	24	14	0.1	685	3.10	1.0	1	2	10	1.0	0.02	10	7.6
103I	787715	9	548177	6009877	GRNT	41	30	2	6	00	01026	030	0052121	48	34	1	14	10	0.1	430	2.20	0.5	1	2	10	2.0	0.02	44	7.4
103I	787716	9	547275	6011362	MVCC	33	3	1	6	00	01021	120	0052121	128	68	11	28	16	0.1	840	3.30	1.0	1	2	40	2.0	0.05	100	7.7
103I	787717	9	546239	6010713	GRNT	41	10	1	6	00	01031	210	0052121	74	12	5	8	6	0.1	540	1.90	0.5	1	4	60	6.0	0.05	40	7.1
103I	787719	9	545059	6011186	GRNT	41	10	1	6	00	01026	220	0052121	60	18	4	8	5	0.1	415	1.80	0.5	1	2	40	3.0	0.05	26	7.5
103I	787720	9	544592	6012498	GRNT	41	3	1	6	00	01031	210	0052121	86	48	26	28	17	0.1	900	3.40	1.0	2	2	40	2.0	0.05	86	7.9
103I	787723	9	544184	6011329	GRNT	41	10	1	6	00	01021	210	0052121	78	20	8	12	8	0.1	520	2.10	0.5	4	2	40	6.0	0.05	10	7.9
103I	787724	9	542613	6011700	GRNT	41	10	1	6	00	01026	220	0052121	70	18	7	11	7	0.1	500	1.80	0.5	2	2	20	4.0	0.02	24	7.4
103I	787725	9	541647	6012086	GRNT	41	3		1	00	01 1	210	0052221	225	84	46	22	14	0.6	1200	3.40	0.5	4	6	90	11.0			
103I	787726	9	540336	6011321	GRNT	41	10	2	6	00	01016	030	0052121	50	28	3	13	8	0.1	345	2.15	0.5	2	2	20	2.0	0.02	42	7.7
103I	787727	9	539459	6010625	GRNT	41	3	1	6	00	01026	310	0052121	84	14	8	7	6	0.1	465	1.90	0.5	1	2	40	4.0	0.02	78	7.6
103I	787728	9	538153	6011227	GRNT	41	3		1	00	01 6	310	0052221	76	72	10	32	16	0.1	625	3.10	0.5	1	2	60	2.0			
103I	787729	9	552191	6018144	MVCC	33	30	3	6	00	01031	210	0051131	84	56	4	46	21	0.1	965	3.20	1.0	1	2	30	1.0	0.02	10	7.4
103I	787730	9	552370	6018509	MVCC	33	40	3	6	00	01036	210	0051131	92	66	6	42	22	0.1	1700	3.40	1.0	1	2	30	1.0	0.02	10	6.8
103I	787731	9	550231	6018058	MVCC	33	3	1	6	00	01031	220	0051131	98	68	7	42	22	0.1	1400	3.50	2.0	1	2	20	1.0	0.02	20	7.8
103I	787732	9	549469	6016698	MVCC	33	30	2	6	00	01031	210	0051131	82	62	8	32	19	0.1	970	3.45	1.0	1	2	30	1.0	0.02	10	7.5
103I	787733	9	548920	6017293	MVCC	33	3	1	6	00	01031	210	0052131	80	66	7	22	16	0.2	1450	3.20	1.0	2	4	70	2.0	0.02	20	7.8
103I	787734	9	548204	6016383	MVCC	33	10	1	6	00	01031	210	0052131	100	54	30	24	18	0.1	1100	3.65	2.0	1	5	30	2.0	0.02	26	7.6
103I	787735	9	547484	6019500	MVCC	33	20	3	6	00	02041	220	0052131	72	58	5	24	16	0.1	1100	2.80	2.0	1	2	20	1.0	0.02	20	7.5
103I	787736	9	546833	6018659	MVCC	33	20	3	6	00	02041	220	0052131	76	60	4	26	17	0.1	950	3.05	2.0	1	4	20	1.0	0.02	20	7.5
103I	787737	9	544753	6017183	MVCC	33	20	1	6	00	01031	130	0052131	104	38	44	24	13	0.1	610	2.80	1.0	2	2	20	2.0	0.02	48	7.4
103I	787738	9	538415	6016647	GRNT	41	20	1	6	10	01031	130	0052131	66	62	16	22	17	0.1	570	3.00	1.0	1	2	60	2.0	0.02	20	7.3
103I	787739	9	538415	6016647	GRNT	41	20	1	6	20	01031	130	0052131	62	62	16	20	16	0.1	550	2.70	1.0	2	2	30	2.0	0.02	20	7.3
103I	787740	9	535428	6016377	MVCC	33	5	1	6	00	01036	130	0052131	50	34	4	14	12	0.1	420	2.30	1.0	1	2	20	2.0	0.05	24	7.4
103I	787742	9	534394	6015447	GRNT	41	10	1	6	10	01031	031	0052131	68	62	1	42	21	0.1	665	3.20	1.0	2	2	20	1.0	0.10	50	8.0
103I	787743	9	534394	6015447	GRNT	41	10	1	6	20	01031	031	0052131	68	64	1	44	21	0.1	680	3.15	1.0	1	2	20	1.0	0.05	64	8.1
103I	787744	9	543042	6020355	MVCC	33	45	4	6	00	02036	210	0051131	150	84	21	22	21	0.1	875	3.70	4.0	1	2	30	1.0	0.02	22	7.7
103I	787745	9	545024	6020950	MVCC	33	40	3	6	00	02031	130	0051131	62	22	5	22	16	0.1	640	3.00	4.0	2	2	20	1.0	0.02	28	7.8
103I	787746	9	538155	6021276	GRNT	41	30	1	6	00	01031	210	0052131	52	30	4	11	10	0.1	590	2.15	1.0	3	2	30	7.0	0.05	76	7.4
103I	787747	9	534919	6020291	GRNT	41	40	1	6	00	01036	210	0052131	48	14	4	10	7	0.1	410	2.00	0.5	1	2	20	6.0	0.05	66	7.1
103I	787748	9	549746	6031799	MVCC	33	20	1	6	00	01036	120	0051131	72	88	2	15	16	0.1	860	2.70	1.0	2	2	30	1.0	0.02	24	7.3
103I	787749	9	547207	6031348	MVCC	33	20	3	6	00	02231	210	0051134	80	108	14	18	17	0.1	680	2.90	1.0	1	2	20	1.0	0.02	10	7.2
103I	787750	9	547008	6031625	MVCC	33	20	3	6	00	02041	210	0051131	80	176	6	16	19	0.2	835	3.10	3.0	1	2	60	1.0	0.02	10	7.5
103I	787751	9	541992	6032077	MVCC	33	20	3	6	00	02031	030	0051131	245	200	12	11	33	0.2	750	4.00	9.0	3	2	20	1.0	0.02	20	7.7
103I	787753	9	555258	6038258	MVCC	33	15	2	6	00	02031	220	0051131	56	72	7	12	12	0.1	1000	1.85	6.0	1	2	50	1.0	0.02	38	7.8
103I	787754	9	560281	6037131	MVCC	33	20	3	6	00	03021	210	0051131	68	38	5	8	11	0.1	4300	2.25	7.0	1	2	40	1.0	0.02	66	7.9
103I	787755	9	559903	6037341	MVCC	33	20	3	6	00	03031	120	0051131	64	34	4	10	12	0.1	770	2.20	3.0	1	2	700	1.0	0.02	20	7.7
103I	787756	9	554914	6036426	MVCC	33	20	2	6	00	11031	120	0051131	64	86	4	12	15	0.1	910	2.40	2.0	1	2	20	1.0	0.02	10	7.8
103I	787757	9	552979	6036021	MVCC	33	10	1	6	00	11031	310	0051131	76	210	4	16	18	0.1	1300	3.00	2.0	1	2	70	1.0	0.02	10	8.0
103I	787758	9	550558	6036484	MVCC	33	10	1	6	00	12041	013	0051131	72	80	10	6	8	0.1	990	1.70	2.0	1	2	100	2.0	0.02	20	7.9
103I	787759	9	543328	6047477	MVCC	33	3	1	6	00	02031	120	0051131	82	76	13	10	16	0.1	1150	2.90	1.0	4	4	50	1.0	0.02	20	7.9
103I	787760	9	546539	6043527	MVCC	33	15	2	6	00	02031	220	0051131	44	16	3	4	7	0.1	1000	1.75	1.0	2	2	40	4.0	0.02	22	7.5
103I	787762	9	548460	6037209	MVCC	33	10	1	6	00	11036	120	0051131	62	62	1	10	14	0.1	805	2.20	1.0	1	2	10	1.0			
103I	787763	9	549600	6037316	GRNT	41	10	1	6	00	21001	130	0051131	70	28	4	10	11	0.1	630	2.65	3.0	1	2	20	2.0	0.02	10	8.0
103I	787764	9	562679	6047424	MVCC	33	10	3	6	00	02011	031	0051131	34	14	2	2	4	0.2	255	2.40	1.0	2	2	30	4.0	0.05	10	7.7
103I	787765	9	560594	6046062	GRNT	41	30	3	6	00	02021	210	0051131	58	68	3	10	12	0.1	570	2.20	1.0	1	2	10	2.0	0.02	10	7.5
103I	787766	9	559936	6046296	GRNT	41	30	2	6	00	02026	130	0051131	34	18	2	4	6	0.1	325	1.55	0.5	1	2	20	1.0	0.02	24	7.4
103I	787767	9	559757	6051197	MVCC	33	30	3	6	00	02031	210	0051131	84	38	8	17	14	0.1	1100	2.30	3.0	1	8	20	2.0	0.10	32	7.6
103I	787768	9	560012	6049080	GRNT	41	25	3	6	00	02031	210	0151131	88	46	8	18	14	0.1	1200	2.45	3.0	1	11	30	2.0	0.02	36	7.7

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787769	9	557835	6047211	GRNT	41	3	1	6	10	02036	220	0051131	64	54	6	12	13	0.1	1100	2.75	3.0	1	4	30	2.0	0.05	44	7.7
103I	787770	9	557835	6047211	GRNT	41	3	1	6	20	02036	220	0051131	64	54	4	12	13	0.1	1050	2.85	4.0	2	4	50	2.0	0.02	44	7.6
103I	787772	9	555880	6043144	MVCC	33	10	1	6	00	02021	220	0051131	56	52	6	12	13	0.1	710	2.00	1.0	1	2	20	1.0	0.02	10	7.8
103I	787773	9	553394	6051336	GRNT	41	20	1	6	00	02031	220	0051121	72	36	10	13	14	1.6	980	2.10	2.0	1	4	30	2.0	0.02	10	7.5
103I	787774	9	550815	6052559	GRNT	41	20	2	6	00	02031	310	0051131	152	66	28	10	24	0.2	1650	4.90	1.0	1	7	90	2.0	0.02	10	7.5
103I	787775	9	550623	6052130	GRNT	41	20	2	6	00	02031	130	0051121	90	48	12	14	16	0.2	980	3.10	1.0	1	5	30	1.0	0.02	10	7.7
103I	787776	9	550447	6055421	MVCC	33	20	3	6	00	02031	210	0051131	150	98	36	12	18	0.2	1500	4.15	1.0	1	10	20	3.0	0.02	22	7.9
103I	787777	9	525553	6050613	GRNT	41	15	1	6	00	03021	210	0031131	152	12	2	28	16	0.1	1400	1.70	2.0	1	2	40	1.0	0.05	96	7.5
103I	787778	9	526319	6052183	GRNT	41	10	2	6	00	02021	031	0052241	62	24	3	7	8	0.1	990	2.10	1.0	31	2	60	9.0	0.02	52	7.5
103I	787779	9	522874	6062599	GRNT	41	40	2	6	00	02026	120	0051131	32	6	2	3	4	0.1	270	1.35	0.5	1	2	10	4.0	0.05	28	7.3
103I	787780	9	522698	6062329	GRNT	41	10	2	6	00	02036	310	0052144	66	26	6	14	13	0.2	620	3.00	1.0	1	2	20	11.0	0.05	22	6.9
103I	787782	9	525645	6065329	GRNT	41	30	3	6	00	03026	130	0051131	38	6	2	4	5	0.1	310	1.40	0.5	1	2	10	5.0	0.10	10	7.1
103I	787783	9	518707	6072030	SLSN	35	30	3	6	00	02036	210	0051141	120	66	9	76	22	0.1	1300	4.40	13.0	1	5	20	2.0	0.02	20	7.4
103I	787784	9	522558	6075472	SLSN	35	10	2	6	00	02031	310	0052241	92	76	14	24	22	0.1	1100	5.20	27.0	2	4	20	1.0	0.02	10	7.6
103I	787785	9	522853	6075238	SLSN	35	30	8	6	00	02236	310	0051131	86	48	6	24	16	0.2	855	3.80	14.0	1	5	10	3.0	0.02	10	7.5
103I	787786	9	519458	6074548	SLSN	35	15	2	6	00	02036	210	0052141	148	36	22	14	17	0.2	1300	5.20	15.0	1	4	30	4.0	0.02	140	7.8
103I	787787	9	522533	6079384	SLSN	35	35	3	6	00	03031	210	0051131	94	80	14	18	17	0.2	950	4.20	24.0	3	8	20	2.0	0.02	10	7.7
103I	787788	9	521648	6081792	SLSN	35	15	1	6	00	02031	121	0052141	96	28	11	12	10	0.4	1200	3.45	8.0	2	2	80	3.0	0.05	64	7.8
103I	787789	9	517482	6082801	SLSN	35	20	2	6	00	02036	210	0051141	92	32	4	20	15	0.1	680	4.10	6.0	2	2	30	1.0	0.02	20	7.6
103I	787790	9	520432	6085286	SLSN	35	25	2	6	00	02036	210	0051132	310	114	16	79	32	0.1	940	7.90	29.0	5	2	60	2.0	0.10	54	7.7
103I	787791	9	517873	6086871	SLSN	35	30	3	6	10	01036	120	0051141	80	36	6	10	14	0.1	800	3.40	8.0	1	2	20	1.0	0.02	20	7.5
103I	787792	9	517873	6086871	SLSN	35	30	3	6	20	01036	120	0051141	80	40	6	9	14	0.1	760	3.30	9.0	2	2	20	1.0	0.02	20	7.5
103I	787794	9	518247	6086457	SLSN	35	45	2	6	00	01036	120	0051131	158	58	9	42	18	0.1	790	5.15	21.0	6	16	40	6.0	0.10	42	7.7
103I	787795	9	516050	6086312	SLSN	35	50	2	6	00	01036	030	0051131	80	32	5	13	11	0.1	590	3.35	7.0	1	2	20	2.0	0.10	34	7.5
103I	787796	9	515724	6089727	SLSN	35	20	1	6	00	02021	210	0052142	130	26	9	12	12	0.1	770	3.50	20.0	2	2	40	2.0	0.02	10	7.6
103I	787797	9	514747	6088803	SLSN	35	30	2	6	00	01036	210	0051141	84	26	8	9	12	0.1	580	3.30	25.0	1	2	30	2.0	0.02	10	7.4
103I	787798	9	512915	6089148	SLSN	35	25	2	6	00	01036	220	0051141	118	50	11	38	19	0.1	990	3.70	11.0	9	14	30	3.0	0.02	10	7.2
103I	787799	9	512207	6086527	SLSN	35	30	3	6	00	01036	120	0051131	76	28	6	12	12	0.1	615	3.10	5.0	1	2	20	1.0	0.02	10	7.5
103I	787800	9	515210	6093718	SLSN	35	15	1	6	00	01021	220	0051241	122	38	8	8	16	0.2	3300	3.10	24.0	3	2	130	2.0	0.02	10	7.8
103I	787802	9	520263	6091764	SLSN	35	35	3	6	10	01036	220	0051141	100	48	8	26	16	0.2	870	4.05	26.0	3	2	20	3.0	0.02	10	7.4
103I	787803	9	520263	6091764	SLSN	35	35	3	6	20	01036	220	0051141	100	52	8	26	15	0.2	820	4.10	24.0	2	2	20	2.0	0.02	10	7.4
103I	787804	9	520193	6092840	SLSN	35	60	4	6	00	01236	030	0051141	92	40	6	22	15	0.2	840	3.65	15.0	2	2	30	2.0	0.02	10	7.6
103I	787805	9	520591	6093412	SLSN	35	40	2	6	00	01236	210	0051141	114	56	12	42	20	0.1	1090	4.10	29.0	2	2	40	2.0	0.02	10	7.5
103I	787807	9	444951	6076613	GNSS	10	15	2	6	00	02041	210	0051121	32	24	1	16	10	0.1	240	1.60	0.5	1	2	20	6.0	0.02	10	7.3
103I	787808	9	444761	6076356	GNSS	10	25	2	6	00	02036	220	0051111	26	22	1	7	8	0.1	220	1.65	1.0	1	2	10	6.0	0.02	10	6.9
103I	787809	9	443220	6079048	GNSS	10	6	1	6	00	02021	210	0052221	84	42	5	26	14	0.1	500	2.40	2.0	1	2	30	1.0	0.02	10	7.3
103I	787810	9	443068	6078720	GNSS	10	40	2	6	00	02026	130	1051111	30	20	1	12	8	0.1	241	1.40	0.5	1	2	10	4.0	0.05	10	7.0
103I	787811	9	442666	6078677	GNSS	10	3	1	6	00	02021	130	0052221	42	36	1	24	15	0.1	600	3.30	0.5	2	2	60	2.0	0.02	10	7.5
103I	787812	9	441920	6080655	GNSS	10	50	3	6	00	02031	120	1051111	42	26	1	14	10	0.1	400	2.00	0.5	1	2	20	2.0	0.02	10	6.9
103I	787813	9	441336	6082860	GNSS	10	50	2	6	00	02021	210	1052111	58	28	1	17	12	0.1	490	2.30	0.5	2	2	20	2.0	0.02	10	6.8
103I	787814	9	440957	6085475	GRNT	41	60	2	6	00	02021	210	1052111	34	16	1	10	7	0.1	280	1.70	0.5	1	2	10	3.0	0.02	10	6.9
103I	787815	9	453917	6013822	GRNT	41	30	2	6	00	02011	220	0052141	20	6	1	4	6	0.1	120	1.00	0.5	1	2	20	3.0	0.02	10	6.7
103I	787816	9	454241	6013797	GRNT	41	25	2	6	00	02026	121	0052141	22	8	1	4	4	0.1	120	1.00	0.5	1	2	20	2.0	0.02	10	6.3
103I	787817	9	453191	6015546	GRNT	41	30	4	6	00	02026	120	0051141	18	4	1	4	4	0.1	100	0.80	0.5	2	2	10	1.0	0.02	10	6.5
103I	787818	9	457226	6015340	GNSS	10	15	1	6	00	12021	220	0052241	36	12	1	5	8	0.1	220	1.60	0.5	2	2	10	2.0	0.02	26	6.2
103I	787819	9	457615	6015422	GRNT	41	20	2	6	00	12026	220	0052141	50	18	1	6	9	0.1	240	2.00	0.5	1	2	10	2.0	0.02	10	6.5
103I	787820	9	457959	6018997	GRNT	41	20	1	6	00	02031	220	0051141	42	34	1	13	10	0.1	170	2.00	0.5	3	2	20	3.0	0.02	10	6.1
103I	787822	9	456986	6017908	GNSS	10	30	2	6	00	02021	120	0051141	54	20	1	8	9	0.1	240	2.00	0.5	2	2	10	2.0	0.02	10	7.1
103I	787823	9	458379	6021832	GRNT	41	15	2	6	00	02021	220	0051141	36	38	1	11	9	0.1	160	1.60	0.5	2	2	20	4.0	0.02	10	6.6
103I	787824	9	456527	6021789	GRNT	41	10	1	6	00	02021	210	0052241	82	32	8	19	14	0.1	400	2.95	0.5	2	2	20	4.0	0.02	10	6.7

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787825	9	455567	6020713	GRNT	41	3	1	6	00	02026	120	0052241	44	24	1	17	11	0.1	180	1.80	0.5	1	2	10	1.0	0.02	10	7.0
103I	787826	9	454260	6018790	GRNT	41	10	1	6	00	02021	120	0052241	28	30	1	14	9	0.1	160	3.90	0.5	1	2	20	2.0	0.02	10	7.0
103I	787827	9	453293	6018718	GRNT	41	35	2	6	00	02021	220	1051141	38	16	1	8	8	0.1	180	1.80	0.5	1	2	10	3.0	0.02	10	6.9
103I	787828	9	453179	6018078	GRNT	41	30	3	6	00	02016	120	1051141	28	10	1	5	4	0.1	140	1.20	0.5	1	2	10	1.0	0.02	10	8.2
103I	787829	9	457326	6024828	GNSS	10	20	2	6	00	02026	220	0051141	32	24	1	8	7	0.1	170	1.40	0.5	1	2	10	3.0	0.05	10	8.2
103I	787830	9	454625	6024953	GNSS	10	6	1	6	00	02021	220	0152241	48	52	1	27	12	0.1	180	1.90	0.5	1	2	10	2.0	0.02	10	8.3
103I	787831	9	453776	6024414	GNSS	10	3	1	6	00	02021	120	0052241	198	64	2	26	16	0.2	460	2.95	1.0	2	2	10	3.0	0.02	10	8.8
103I	787832	9	453885	6030849	GNSS	10	20	2	6	00	02026	220	0051131	56	42	1	15	10	0.1	250	2.10	0.5	1	2	10	1.0	0.02	10	8.7
103I	787833	9	453734	6028810	GNSS	10	10	2	6	00	02031	120	0052141	70	52	1	16	15	0.2	310	2.70	0.5	4	2	20	1.0	0.02	10	8.5
103I	787834	9	452940	6028875	GNSS	10	3	1	6	00	02021	111	0052241	48	16	1	10	7	0.1	220	2.20	0.5	1	2	30	2.0	0.02	10	7.9
103I	787835	9	452492	6027980	GNSS	10	10	1	6	00	02021	220	0052341	64	26	1	12	11	0.2	300	2.70	0.5	4	2	20	4.0	0.02	10	7.7
103I	787836	9	452524	6027293	GNSS	10	3	1	6	00	02021	121	0052241	62	44	1	13	14	0.1	280	2.45	0.5	3	2	20	3.0	0.02	10	6.5
103I	787837	9	441901	6021097	GRNT	41	15	2	6	10	02036	210	0052131	38	12	1	4	5	0.1	160	1.20	0.5	1	2	20	2.0	0.02	10	6.5
103I	787838	9	441901	6021097	GRNT	41	15	2	6	20	02036	210	0052131	36	12	4	4	4	0.1	160	1.25	0.5	1	2	20	3.0	0.05	10	6.5
103I	787840	9	441675	6025178	GRNT	41	40	2	6	00	02021	210	1051131	50	10	2	8	6	0.1	220	1.95	0.5	1	2	20	2.0	0.02	10	7.1
103I	787842	9	441445	6025456	GRNT	41	15	2	6	00	02026	021	0052141	50	10	2	6	7	0.2	240	1.90	0.5	1	2	10	2.0	0.02	10	7.3
103I	787843	9	453326	6039408	GNSS	10	20	2	6	00	02226	120	0051121	34	26	1	8	6	0.1	220	1.35	0.5	1	2	10	2.0	0.02	10	6.9
103I	787844	9	450522	6038726	GNSS	10	25	2	6	00	02036	130	0052131	42	26	1	7	8	0.1	280	1.85	0.5	1	2	10	1.0	0.02	10	6.9
103I	787845	9	450980	6038763	GNSS	10	40	2	6	00	02036	120	0051121	24	20	1	4	6	0.1	180	1.25	0.5	1	2	10	2.0	0.02	10	7.0
103I	787846	9	450785	6038143	GNSS	10	15	1	6	00	02021	220	0052231	260	72	8	15	12	0.2	310	2.20	0.5	1	2	30	3.0	0.02	10	7.1
103I	787847	9	451778	6035346	GNSS	10	30	3	6	00	02236	120	0051131	26	42	1	7	6	0.2	150	1.20	0.5	1	2	10	2.0	0.02	10	7.2
103I	787848	9	451450	6035148	GNSS	10	25	3	6	00	02236	220	0052141	40	32	1	7	7	0.1	180	1.95	0.5	1	2	10	1.0	0.02	10	6.9
103I	787849	9	449867	6036970	GNSS	10	60	3	6	10	02226	130	0051131	38	44	1	10	7	0.1	190	1.60	0.5	1	2	10	2.0	0.02	10	7.1
103I	787850	9	449867	6036970	GNSS	10	60	3	6	20	02226	130	0051131	42	48	1	11	7	0.1	190	1.60	0.5	1	2	10	2.0	0.02	10	7.3
103I	787851	9	449299	6036128	GNSS	10	10	1	6	00	02021	220	0052231	44	36	1	11	10	0.2	240	2.20	0.5	1	2	20	2.0	0.02	10	6.7
103I	787852	9	448748	6036297	GNSS	10	3	1	6	00	02021	210	1052231	54	20	1	12	10	0.2	300	2.20	0.5	1	2	20	1.0	0.02	10	7.1
103I	787853	9	448188	6035543	GNSS	10	20	1	6	00	02021	120	0052131	48	30	1	13	9	0.1	220	2.45	0.5	1	2	10	3.0	0.02	10	7.3
103I	787854	9	447192	6035695	GNSS	10	3	1	6	00	02021	121	0052231	40	38	1	37	14	0.2	180	1.90	0.5	3	2	20	1.0	0.02	10	7.1
103I	787856	9	446548	6034886	GNSS	10	20	2	6	00	02021	220	0052132	56	34	1	24	14	0.2	240	2.10	0.5	1	2	10	2.0	0.02	10	6.8
103I	787857	9	445559	6035031	GNSS	10	6	1	6	00	02021	210	0152231	122	46	1	24	12	0.1	260	3.20	1.0	5	2	10	3.0	0.02	10	7.5
103I	787858	9	444301	6032986	GNSS	10	3	1	6	00	02031	220	0052231	84	32	2	23	15	0.2	420	3.00	0.5	2	2	20	2.0	0.02	10	7.2
103I	787859	9	444941	6032116	GNSS	10	20	2	6	00	02026	120	0051131	48	16	1	13	8	0.2	220	1.85	0.5	1	2	10	1.0	0.02	10	7.0
103I	787860	9	443469	6031589	GNSS	10	20	3	6	00	02026	220	0051231	42	10	1	9	7	0.1	180	1.60	0.5	1	2	20	3.0	0.05	10	6.6
103I	787862	9	443966	6030244	GNSS	10	15	1	6	00	02026	220	0051231	38	8	1	6	5	0.2	180	1.50	0.5	2	2	10	2.0	0.02	10	7.2
103I	787863	9	445024	6029640	GNSS	10	10	1	6	00	02026	220	0051231	38	58	1	62	18	0.2	190	1.90	0.5	1	2	20	1.0	0.05	10	6.9
103I	787864	9	444741	6028431	GNSS	10	45	2	6	00	02021	120	0051131	40	10	1	10	6	0.1	170	1.60	0.5	1	2	20	1.0	0.02	10	6.9
103I	787865	9	447781	6028052	GNSS	10	35	3	6	00	02031	220	0051131	44	14	1	9	7	0.2	190	1.60	0.5	1	2	20	10.0	0.02	10	6.7
103I	787866	9	446227	6027571	GRNT	41	10	2	6	00	02021	120	0052241	34	4	1	5	5	0.1	200	1.35	0.5	1	2	30	3.0	0.02	10	7.0
103I	787867	9	446530	6027432	GRNT	41	40	3	6	00	02021	220	0052231	54	16	1	12	8	0.1	240	1.90	0.5	1	2	20	4.0	0.02	10	6.8
103I	787868	9	445602	6026075	GRNT	41	6	1	6	00	02021	220	0052231	54	16	1	10	10	0.1	300	2.10	0.5	1	2	40	2.0	0.02	10	7.2
103I	787869	9	446896	6025530	GRNT	41	30	3	6	00	02026	111	0051131	42	14	1	12	7	0.1	200	1.65	0.5	2	2	10	4.0	0.02	10	6.9
103I	787870	9	444767	6021001	GRNT	41	25	3	6	10	02021	220	0051131	28	8	1	4	4	0.1	140	1.10	0.5	1	2	20	3.0	0.02	10	6.7
103I	787871	9	444767	6021001	GRNT	41	25	3	6	20	02021	220	0051131	24	6	1	4	4	0.1	120	0.90	0.5	1	2	10	2.0	0.02	10	7.4
103I	787872	9	445035	6023884	GRNT	41	30	3	6	00	02032	210	0051131	28	14	1	13	6	0.2	140	1.10	0.5	1	2	10	2.0	0.02	10	6.7
103I	787873	9	444910	6024344	GRNT	41	6	1	6	00	02021	220	0052241	62	28	1	36	14	0.1	210	2.00	0.5	2	2	20	3.0	0.02	10	6.8
103I	787874	9	447651	6023646	GNSS	10	10	1	6	00	02021	210	0152231	126	44	2	31	11	0.4	300	3.30	0.5	6	2	30	3.0	0.10	10	6.4
103I	787875	9	448546	6024260	GNSS	10	6	1	6	00	02001	120	0052231	44	12	1	10	8	0.1	220	1.85	0.5	1	2	10	3.0	0.05	10	7.0
103I	787876	9	451680	6027022	GNSS	10	6	1	6	00	02021	120	1052241	88	34	1	24	18	0.2	390	3.35	0.5	2	2	30	2.0	0.02	10	6.9
103I	787877	9	451862	6025492	GNSS	10	40	3	6	00	02021	210	0052141	70	36	1	16	10	0.3	180	2.00	0.5	2	2	10	5.0	0.02	10	6.8
103I	787879	9	451017	6025545	GNSS	10	20	1	6	00	02021	220	0051241	42	28	2	12	8	0.1	190	2.15	0.5	2	2	20	3.0	0.02	10	7.5

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787880	9	449040	6022400	GRNT	41	20	2	6	00	02021	210	0052231	40	12	1	8	4	0.1	160	2.10	0.5	2	2	30	0.5			
103I	787882	9	450430	6022560	GRNT	41	15	2	6	00	01011	111	0052231	56	16	1	13	6	0.1	180	2.00	0.5	1	2	30	3.0	0.10	10	7.0
103I	787883	9	452225	6020893	GNSS	10	20	2	6	00	02021	120	0051131	42	42	1	17	10	0.2	190	1.95	0.5	3	2	20	2.0	0.05	10	6.8
103I	787884	9	449596	6019344	GRNT	41	30	2	6	10	02021	220	0052131	16	4	1	2	2	0.1	80	0.80	0.5	1	2	20	3.0	0.02	10	6.6
103I	787885	9	449596	6019344	GRNT	41	30	2	6	20	02021	220	0052131	20	4	1	2	2	0.1	90	0.90	0.5	1	2	20	2.0	0.02	10	6.5
103I	787886	9	450741	6021130	GRNT	41	20	2	6	00	02021	220	0051131	52	26	1	12	8	0.1	220	2.20	0.5	3	2	10	3.0	0.02	10	6.8
103I	787887	9	451027	6017913	GRNT	41	30	3	6	00	02021	130	0052131	24	6	1	4	3	0.1	110	1.00	0.5	1	2	20	2.0	0.02	10	6.6
103I	787888	9	451155	6015843	GRNT	41	15	1	6	00	02021	120	0051231	24	14	1	6	4	0.1	130	1.25	0.5	1	2	10	1.0	0.02	10	6.7
103I	787889	9	449825	6016166	GRNT	41	3	1	6	00	02021	120	0052231	28	6	1	2	4	0.1	150	1.10	0.5	1	2	20	1.0	0.05	10	5.9
103I	787890	9	449300	6015228	GRNT	41	3	1	6	00	02021	210	0051231	26	14	1	4	5	0.1	160	1.20	0.5	2	2	10	2.0	0.02	10	6.9
103I	787891	9	449574	6014574	GRNT	41	15	1	6	00	02031	030	0052231	50	32	1	8	10	0.2	400	2.20	0.5	1	2	20	3.0	0.02	10	6.7
103I	787892	9	444687	6015838	GRNT	41	20	2	6	00	02021	120	0051131	14	6	1	1	2	0.1	90	0.80	0.5	1	2	10	3.0	0.02	10	6.6
103I	787893	9	446369	6014930	GRNT	41	6	1	6	00	02031	211	0052241	18	30	1	3	6	0.1	90	1.00	0.5	2	2	20	2.0	0.02	10	6.3
103I	787894	9	446029	6014739	GNSS	10	30	2	6	00	02021	120	0051131	24	6	1	2	3	0.1	140	1.20	0.5	1	2	20	2.0	0.02	10	6.6
103I	787895	9	448441	6013780	GNSS	10	40	2	6	00	02021	210	0051131	22	8	2	4	4	0.1	160	1.15	1.0	2	2	10	3.0	0.02	10	6.8
103I	787897	9	449209	6011909	GNSS	10	10	1	6	00	02021	210	0052231	46	22	2	14	9	0.1	410	2.40	2.0	2	2	40	2.0	0.02	10	7.3
103I	787898	9	449387	6011588	GNSS	10	20	1	6	00	02021	220	0052231	54	24	2	14	9	0.1	330	2.40	3.0	1	2	50	3.0	0.02	10	6.7
103I	787899	9	467118	5990307	GNSS	10	30	2	6	00	02021	210	0052131	20	18	1	4	5	0.1	190	1.20	0.5	1	2	20	4.0	0.02	10	6.9
103I	787900	9	463860	5988450	MSDM	33	20	2	6	00	02011	120	0052121	38	18	1	6	5	0.1	270	1.30	0.5	1	2	20	2.0	0.02	28	7.1
103I	787902	9	464468	5991518	GNSS	10	40	5	6	00	02011	220	0052131	30	22	1	7	6	0.2	260	1.45	0.5	1	2	60	2.0	0.02	10	7.3
103I	787903	9	464246	5991179	GNSS	10	30	2	6	00	02026	120	0051121	36	12	2	6	3	0.1	180	1.10	0.5	1	2	20	6.0	0.02	28	7.3
103I	787905	9	463082	5992586	MSDM	33	3	1	6	00	02031	121	0052231	60	24	2	12	8	0.1	420	1.85	0.5	1	2	40	4.0	0.02	24	7.3
103I	787906	9	463148	5993412	GNSS	10	15	2	6	00	02021	210	0052231	18	22	1	8	6	0.1	160	1.20	0.5	2	2	20	3.0	0.05	10	7.0
103I	787907	9	462794	5994238	GNSS	10	10	1	6	00	02021	210	0052231	32	14	1	12	10	0.1	500	1.85	2.0	1	2	30	3.0	0.05	10	7.1
103I	787908	9	459031	5992907	GRNT	41	20	2	6	00	02021	030	0052141	32	12	1	10	4	0.1	300	1.75	3.0	1	2	20	3.0	0.02	32	7.5
103I	787909	9	458700	5992938	GRNT	41	30	2	6	00	02021	030	0052131	46	14	1	4	4	0.1	300	1.80	0.5	1	2	10	5.0	0.02	26	7.1
103I	787910	9	459669	5994797	GRNT	41	15	1	6	00	02021	220	0052141	24	24	1	6	5	0.1	220	1.10	0.5	2	2	30	2.0	0.02	24	6.8
103I	787911	9	460927	5995449	GNSS	10	40	3	6	10	02021	210	0051131	22	10	1	6	4	0.1	240	1.15	0.5	1	2	20	3.0	0.02	32	7.2
103I	787912	9	460927	5995449	GNSS	10	40	3	6	20	02021	210	0051131	30	14	1	6	4	0.1	260	1.40	0.5	3	2	10	3.0	0.02	30	7.2
103I	787913	9	461166	5997460	GNSS	10	10	1	6	00	02021	210	0052231	48	24	1	12	7	0.1	300	1.70	0.5	2	2	40	4.0	0.02	22	7.0
103I	787914	9	460066	5997660	GNSS	10	10	1	6	00	02021	120	0051231	34	34	2	11	8	0.1	340	1.90	0.5	2	2	20	4.0	0.02	20	7.0
103I	787915	9	460200	5999271	GNSS	10	3	1	6	00	02021	111	0152231	62	38	2	20	11	0.1	360	2.55	0.5	1	2	40	3.0	0.02	52	7.2
103I	787916	9	458663	5999343	GRNT	41	6	1	6	00	02021	220	0052231	32	50	2	12	10	0.1	300	1.90	0.5	2	2	20	4.0	0.02	10	6.8
103I	787917	9	456556	5998879	GRNT	41	10	2	6	00	02021	030	0052241	24	22	1	6	6	0.2	260	1.30	0.5	1	2	20	2.0	0.02	10	6.9
103I	787918	9	456241	5999043	GRNT	41	20	2	6	00	02031	220	0052131	26	12	1	3	4	0.1	240	1.10	0.5	1	2	20	6.0	0.02	10	7.0
103I	787919	9	458483	6000682	GRNT	41	30	3	6	00	02011	210	0051131	22	14	1	4	4	0.1	180	1.20	0.5	1	2	30	4.0	0.02	32	6.9
103I	787920	9	456464	6003364	GNSS	10	3	1	6	00	02021	121	0052231	28	22	1	4	6	0.1	200	1.30	0.5	1	2	30	4.0	0.02	10	6.6
103I	787922	9	453913	6002570	GRNT	41	50	2	6	00	02011	220	0051121	22	4	1	2	2	0.2	130	1.80	0.5	1	2	40	4.0	0.02	10	7.3
103I	787923	9	452728	6004621	GRNT	41	80	1	6	00	02021	210	0051121	22	6	2	2	3	0.1	180	1.00	0.5	1	2	30	4.0	0.02	10	7.2
103I	787924	9	448562	6006005	GRNT	41	6	1	6	00	02021	111	0052221	14	14	2	3	3	0.2	80	0.95	0.5	1	2	40	1.0	0.02	10	6.7
103I	787925	9	436038	5999462	GRNT	41	25	1	6	00	12021	210	0051111	80	28	9	18	10	0.1	570	2.85	5.0	1	2	70	2.0	0.14	58	6.9
103I	787926	9	436067	5997547	GRNT	41	15	1	6	00	02021	310	0051121	22	2	3	1	2	0.1	130	0.85	0.5	1	2	30	4.0	0.05	10	6.5
103I	787927	9	435671	5997472	GRNT	41	20	2	6	00	02021	210	0052111	30	2	2	1	2	0.1	200	1.20	0.5	1	5	50	4.0	0.05	10	6.3
103I	787928	9	438013	5998594	GRNT	41	10	1	6	00	02031	220	0052211	30	4	2	1	3	0.2	420	1.00	0.5	1	2	720	5.0	0.10	10	7.0
103I	787929	9	434729	5987458	GRNT	41	20	2	6	00	02021	130	0051111	10	2	1	1	1	0.2	50	1.20	0.5	1	2	30	5.0	0.60	10	6.9
103I	787930	9	434324	5987555	GRNT	41	10	1	6	00	02021	210	0051121	38	2	2	2	5	0.1	440	2.20	0.5	1	2	50	5.0	0.05	10	6.8
103I	787931	9	436548	5989264	GRNT	41	50	4	6	00	02011	130	0052121	34	2	2	2	2	0.1	160	2.30	0.5	1	2	30	6.0	0.38	36	7.0
103I	787933	9	435545	5991514	GRNT	41	15	1	6	00	02021	211	0052121	22	2	1	1	2	0.2	120	1.20	0.5	1	2	30	6.0	0.24	30	7.1
103I	787934	9	435261	5991627	GRNT	41	40	4	6	00	02012	220	0051111	22	2	1	1	2	0.3	120	1.10	0.5	1	2	20	4.0	0.24	28	6.8
103I	787935	9	436922	5992361	GRNT	41	3	1	6	00	02021	120	0052221	14	2	1	1	1	0.1	60	0.55	0.5	1	2	30	4.0	0.02	46	5.6

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103I	787936	9	438502	5989019	GRNT	41	20	1	6	00	02021	310	1051121	20	1	1	1	1	0.1	90	0.80	0.5	1	2	20	4.0	0.24	10	6.3
103I	787937	9	438988	5991293	GRNT	41	10	2	6	00	02021	111	0052231	12	1	1	1	1	0.1	50	0.50	0.5	1	2	40	4.0	0.05	10	5.9
103I	787938	9	438589	5991040	GRNT	41	20	2	6	10	02021	120	1051121	16	1	1	1	1	0.1	60	0.85	0.5	1	2	20	4.0	0.16	20	6.4
103I	787939	9	438589	5991040	GRNT	41	20	2	6	20	02021	120	1051121	16	1	1	1	1	0.2	70	0.95	0.5	1	2	20	3.0	0.18	22	6.4
103I	787940	9	439162	5993173	GRNT	41	20	3	6	00	02011	210	0051111	12	1	1	1	1	0.1	60	0.60	0.5	1	2	20	6.0	0.14	20	6.3
103I	787942	9	439055	5993614	GRNT	41	40	1	6	00	02031	111	0051111	18	1	1	1	1	0.1	80	0.60	0.5	1	2	20	3.0	0.18	10	6.9
103I	787943	9	439861	5995285	GRNT	41	50	3	6	00	02011	030	0051111	18	1	1	1	1	0.1	80	0.70	0.5	1	2	30	3.0	0.16	10	6.5
103I	787944	9	439505	5995647	GRNT	41	3	1	6	00	02012	220	0052221	28	2	1	1	2	0.2	220	0.90	0.5	1	2	30	4.0	0.05	10	6.7
103I	787945	9	442012	5991837	GRNT	41	3	1	6	00	02021	310	0052221	56	18	4	12	7	0.2	330	2.10	3.0	2	2	60	4.0	0.02	10	7.0
103I	787946	9	443481	5988949	GRNT	41	10	1	6	00	02021	220	0051221	64	26	2	14	8	0.2	340	2.40	4.0	2	2	60	3.0	0.02	10	6.4
103I	787947	9	475256	5986637	GRNT	41	30	3	6	00	03236	120	0052124	10	22	1	2	6	0.2	70	0.70	1.0	1	2	10	1.0	0.02	10	6.6
103I	787949	9	473678	5985896	GRNT	41	10	2	6	00	02021	120	0152231	46	30	1	6	8	0.1	120	2.40	0.5	2	2	20	0.5	0.05	10	6.6
103I	787950	9	473556	5984079	GRNT	41	60	3	6	00	02026	120	0052132	22	12	10	82	7	0.2	120	1.40	0.5	2	2	10	2.0	0.02	10	6.5
103I	787951	9	472306	5984229	GRNT	41	25	2	6	10	02036	130	0052232	60	42	1	12	10	0.3	260	2.20	0.5	3	2	10	0.5	0.02	10	6.3
103I	787952	9	472306	5984229	GRNT	41	25	2	6	20	02036	130	0052232	52	38	1	10	10	0.2	220	2.05	0.5	1	2	20	1.0	0.02	10	6.5
103I	787953	9	470373	5984931	GNSS	10	15	2	6	00	02026	210	0052231	34	26	1	5	8	0.1	240	1.60	0.5	1	2	20	2.0	0.02	10	6.5
103I	787954	9	469474	5983745	GNSS	10	10	1	6	00	02026	130	0052231	38	26	1	3	8	0.3	340	2.05	0.5	1	2	30	2.0	0.02	10	6.9
103I	787955	9	466448	5983812	GNSS	10	15	2	6	00	02026	120	0052131	26	20	1	5	6	0.1	200	1.30	0.5	1	2	20	2.0	0.02	10	6.7
103I	787956	9	464935	5983826	GNSS	10	10	1	6	00	02026	120	0052231	26	14	1	6	4	0.2	190	1.15	0.5	1	2	10	1.0	0.02	48	7.1
103I	787957	9	459072	5990241	GRNT	41	30	4	6	00	01011	031	0051131	60	16	1	10	6	0.2	310	2.10	0.5	1	2	70	3.0	0.02	10	6.7
103I	787958	9	460921	5986252	MSDM	33	15	2	6	00	02036	220	0052141	48	18	1	6	5	0.1	260	1.30	0.5	1	2	20	0.5	0.02	10	7.3
103I	787959	9	459480	5987842	MSDM	33	15	2	6	00	02016	030	0052141	32	10	1	8	4	0.2	140	1.20	0.5	1	2	30	2.0	0.02	10	7.0
103I	787960	9	457666	5987372	GRNT	41	3	1	6	00	02026	220	0052241	124	26	1	6	8	0.1	520	2.05	0.5	1	2	20	6.0	0.02	28	7.3
103I	787962	9	456210	5984574	GRNT	41	40	3	6	00	02021	220	0051131	36	10	1	5	4	0.1	320	1.30	1.0	1	2	20	4.0	0.05	10	7.5
103I	787963	9	452321	5985801	GRNT	41	3	1	6	00	02026	210	0052241	60	12	1	7	6	0.2	320	1.40	0.5	1	2	40	1.0	0.05	10	6.9
103I	787964	9	453405	5985934	GRNT	41	10	2	6	00	02021	022	0052241	36	6	2	2	3	0.2	170	1.10	0.5	1	2	50	0.5	0.02	10	6.0
103I	787966	9	450217	5984077	GRNT	41	3	1	6	00	02036	210	0057221	34	6	8	2	4	0.1	220	1.50	1.0	1	2	90	2.0	0.02	10	6.0
103I	787967	9	448093	5985133	GRNT	41	3	1	6	00	02021	120	0052221	42	4	2	1	3	0.3	220	1.10	0.5	1	2	40	1.0	0.02	22	6.0
103I	787968	9	447186	5984570	GRNT	41	3	1	6	00	02022	210	0052221	28	4	4	1	2	0.1	160	1.10	0.5	1	2	40	4.0	0.02	10	5.5
103I	787969	9	437069	5985343	GRNT	41	10	1	6	00	02021	210	0052131														0.05	10	6.2
103I	787970	9	438034	5984524	GRNT	41	10	1	6	00	02021	220	0052131	30	4	4	1	2	0.1	180	1.65	0.5	1	2	60	5.0	0.10	10	5.8
103I	787971	9	439836	5985350	GRNT	41	15	1	6	00	02021	220	0051131	34	4	4	1	3	0.1	390	2.40	0.5	1	2	60	5.0	0.10	10	6.4
103I	787972	9	439254	5986588	GRNT	41	6	1	6	00	02021	220	0052231	30	2	4	1	2	0.2	140	1.10	0.5	1	2	40	4.0	0.05	10	6.0
103I	787973	9	442945	5986026	GRNT	41	6	1	6	00	02021	120	0051241	38	2	2	1	2	0.2	160	1.10	0.5	1	2	50	4.0	0.02	10	6.2
103I	787974	9	444689	5984335	GRNT	41	25	2	6	00	02021	220	0052131														0.12	10	6.3
103I	787975	9	447125	5986848	GRNT	41	3	1	6	00	02021	130	0052121	28	4	1	1	2	0.2	150	0.85	0.5	1	2	50	1.0	0.02	10	6.6
103I	787976	9	453974	5988945	GRNT	41	6	2	6	00	02011	220	0052141	10	2	1	1	1	0.1	60	0.55	0.5	1	2	40	3.0	0.10	10	6.0
103I	787977	9	454208	5989240	GRNT	41	30	2	6	00	02021	220	1051113	18	2	2	1	2	0.1	120	0.60	0.5	1	2	20	5.0	0.02	10	6.5
103I	787978	9	450944	5989515	GRNT	41	10	2	6	00	02021	220	0052131														0.02	10	6.5
103I	787979	9	451256	5989179	GRNT	41	40	3	6	10	02011	120	0051121	22	10	1	4	2	0.1	130	0.95	0.5	1	2	30	4.0	0.02	10	7.0
103I	787980	9	451256	5989179	GRNT	41	40	3	6	20	02011	120	0051121	28	10	1	2	2	0.1	140	1.05	0.5	1	2	30	2.0	0.02	10	7.0
103I	787982	9	451592	5989491	GRNT	41	40	3	6	00	02016	220	0051231	16	2	1	2	2	0.1	115	0.70	0.5	1	2	30	3.0	0.02	10	7.1
103I	787983	9	449614	5991224	GRNT	41	60	3	6	00	02026	220	0051121	28	10	4	5	4	0.1	370	1.40	0.5	1	2	40	1.0	0.02	10	6.8
103I	787984	9	447310	5990076	GRNT	41	10	2	6	00	02022	220	0052131	10	2	1	2	1	0.1	65	0.60	0.5	1	2	40	2.0	0.02	10	6.0
103I	787985	9	447293	5990522	GRNT	41	50	4	6	00	02016	210	0051121	14	2	8	4	2	0.1	105	0.65	0.5	1	2	30	2.0	0.10	10	6.8
103I	787986	9	446064	5990448	GRNT	41	10	1	6	00	02021	030	0052231	76	28	6	18	10	0.2	470	3.20	4.0	1	2	70	2.0	0.02	10	6.9
103I	787987	9	448610	5994848	GRNT	41	6	2	6	00	02021	210	0052231	12	2	2	1	2	0.2	80	0.70	0.5	1	2	60	2.0	0.02	10	6.8
103I	787988	9	448680	5995178	GRNT	41	20	2	6	00	02021	220	0052221														0.02	10	6.6
103I	787989	9	443736	5993276	GRNT	41	30	2	6	00	02026	220	0052121	16	6	3	2	2	0.1	140	0.80	0.5	1	2	40	2.0	0.02	10	6.5
103I	787990	9	453036	5993408	GRNT	41	22	2	6	00	01221	210	0051121	20	8	2	2	3	0.1	245	1.35	0.5	1	2	40	3.0	0.02	10	6.4

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103I	787991	9	453369	5993555	GRNT	41	20	2	6	00	01221	220	0051121	48	12	1	9	8	0.1	465	2.00	1.0	1	2	30	3.0	0.02	10	6.9
103I	787992	9	451885	5995171	GRNT	41	40	2	6	00	02121	220	0051121	20	18	2	3	4	0.2	190	1.00	0.5	1	2	40	2.0	0.02	10	6.5
103I	787993	9	452290	5995088	GRNT	41	30	2	6	10	01121	310	0051121	36	12	2	6	6	0.1	465	1.80	0.5	1	2	40	3.0	0.02	10	6.8
103I	787994	9	452290	5995088	GRNT	41	30	2	6	20	01121	310	0051121	48	14	2	7	8	0.1	610	2.20	0.5	1	2	50	4.0	0.02	10	6.8
103I	787995	9	451883	5997213	GRNT	41	30	2	6	00	01121	220	0051131	22	6	1	4	4	0.1	250	1.20	0.5	1	2	30	4.0	0.10	10	6.9
103I	787996	9	452952	5997926	GRNT	41	10	1	6	00	01121	211	0051231	10	2	1	2	2	0.1	85	0.65	0.5	1	2	40	1.0	0.02	10	6.0
103I	787997	9	453621	6000127	GRNT	41	22	2	6	00	02021	310	0041131	40	18	2	7	9	0.1	335	2.00	0.5	1	2	60	2.0	0.02	10	6.4
103I	787998	9	449928	5999881	GRNT	41	40	5	6	00	02121	111	0041121	12	2	1	2	2	0.1	90	0.70	0.5	1	2	30	2.0	0.02	10	6.3
103J	781002	9	424441	6003213	GRNT	41	25	2	6	00	12131	211	0051111	56	20	2	6	7	0.1	300	2.40	1.0	3	2	50	2.0	0.02	10	6.2
103J	781003	9	423109	6004478	MSDM	33	15	1	6	00	12131	220	0051111	74	34	2	8	11	0.1	480	3.20	1.0	4	2	30	1.0	0.02	10	5.5
103J	781005	9	420757	6005940	MSDM	33	10	1	6	00	12021	211	0051111	140	42	3	40	9	0.1	290	2.30	3.0	11	2	150	5.0	0.02	10	7.7
103J	781006	9	419498	6006294	MSDM	33	10	1	6	00	02121	030	0051111	54	16	1	9	6	0.1	210	2.00	0.5	1	2	50	1.0	0.02	10	7.5
103J	781007	9	417526	6006991	MSDM	33	10	1	6	00	02021	121	0051111	82	48	1	30	16	0.1	700	3.85	0.5	2	2	50	1.0	0.02	32	7.7
103J	781008	9	417199	6008887	MSDM	33	40	2	6	00	22121	022	0051111	24	10	2	5	4	0.1	120	1.20	0.5	1	2	50	1.0	0.02	10	7.3
103J	781009	9	421563	6011364	MSDM	33	15	1	6	00	02131	120	0051111	74	42	4	16	16	0.1	780	3.25	10.0	3	2	50	2.0	0.02	10	7.2
103J	781010	9	428557	6009779	GRNT	41	5	3	6	00	11131	210	0051121	10	2	1	1	2	0.1	90	0.50	0.5	1	2	30	1.0	0.02	10	7.5
103J	781011	9	432016	6010746	GRNT	41	30	2	6	00	02146	310	0051121	24	2	2	2	4	0.1	160	1.10	0.5	1	2	30	1.0	0.02	10	7.5
103J	781012	9	433366	6010505	GRNT	41	20	3	6	00	02141	220	0051121	4	2	2	1	1	0.1	40	0.40	0.5	1	2	20	1.0	0.02	10	6.8
103J	781013	9	433313	6008286	GRNT	41	20	1	6	00	02041	211	0051131	24	2	1	2	3	0.1	190	0.90	0.5	1	2	60	1.0	0.05	10	5.8
103J	781014	9	426123	6005434	GRNT	41	25	5	6	00	01132	211	0051141	4	1	1	1	1	0.1	40	0.20	0.5	1	2	20	1.0	0.02	10	5.6
103J	781015	9	429571	6003374	GRNT	41	45	3	6	00	11141	112	0051121	28	4	5	3	3	0.1	180	1.10	0.5	1	2	60	1.0	0.05	10	5.6
103J	781016	9	430801	6003478	GRNT	41	30	2	6	00	02132	310	0051121	32	2	1	2	4	0.1	200	1.00	0.5	1	2	30	2.0	0.02	10	5.4
103J	781017	9	434508	6004447	GRNT	41	10	3	6	00	02141	111	0051121	26	2	4	2	6	0.1	480	1.30	0.5	1	2	100	1.0	0.02	10	6.2
103J	781018	9	429980	6006572	GRNT	41	20	2	6	10	01131	211	0051131	22	2	4	2	4	0.1	250	1.10	0.5	1	2	60	1.0	0.02	10	6.5
103J	781019	9	429980	6006572	GRNT	41	20	2	6	20	01131	211	0051131	20	2	2	2	3	0.1	190	0.95	0.5	1	2	60	1.0	0.05	10	7.7
103J	781020	9	427637	6013397	MSDM	33	30	2	6	00	02121	121	0051131	34	12	4	5	4	0.1	210	2.00	0.5	2	2	70	3.0	0.02	10	6.8
103J	781022	9	428895	6013278	MSDM	33	25	2	6	00	02031	121	0051131	20	4	1	2	2	0.1	190	1.00	0.5	1	2	30	4.0	0.12	10	7.1
103J	781023	9	431154	6014738	MSDM	33	30	3	6	00	02031	130	0051131	28	8	1	4	4	0.1	220	1.10	0.5	1	2	20	4.0	0.05	10	7.6
103J	781025	9	430629	6013864	GRNT	41	30	2	6	00	01031	220	0051121	26	8	1	3	4	0.1	200	0.90	0.5	1	2	30	3.0	0.05	10	8.0
103J	781026	9	424247	6012034	MSDM	33	15	1	6	00	01021	120	0051121	38	18	2	14	9	0.2	520	2.60	0.5	2	2	60	2.0	0.02	10	6.9
103J	783002	9	410878	6046314	MSDM	33	15	2	6	00	02121	211	1151111	56	12	5	4	9	0.1	380	2.85	0.5	4	2	40	3.0	0.02	10	7.0
103J	783003	9	407302	6053504	MSDM	33	20	2	6	00	02111	121	1151111	36	8	3	8	3	0.1	140	1.55	0.5	1	2	40	1.0	0.02	10	7.0
103J	783004	9	410981	6050205	MSDM	33	20	1	6	00	02126	220	1152111	24	4	2	4	2	0.1	120	1.05	0.5	1	2	20	1.0	0.02	10	7.3
103J	783005	9	413180	6046621	MSDM	33	10	1	6	00	02111	211	1152111	48	28	8	9	10	0.1	560	3.80	0.5	1	2	50	2.0	0.02	10	6.4
103J	783006	9	415535	6043633	MSDM	33	10	1	6	00	02131	013	0151111	22	6	5	4	10	0.1	780	1.80	0.5	2	2	50	5.0	0.02	10	7.1
103J	783007	9	417164	6040867	MSDM	33	15	2	6	00	02033	220	1151111	72	28	3	13	12	0.1	480	2.60	0.5	2	2	40	3.0	0.02	10	7.3
103J	783008	9	420381	6041839	GRNT	41	15	1	6	00	02121	211	1152111	60	12	4	7	42	0.1	3600	4.10	0.5	3	2	80	2.0	0.05	10	7.0
103J	783009	9	420882	6038993	GRNT	41	7	1	6	00	02113	220	0057211	14	4	3	2	2	0.1	80	1.10	0.5	1	2	80	1.0	0.02	10	4.9
103J	783010	9	422802	6037564	GRNT	41	35	2	6	00	02131	121	0057111	24	4	2	3	5	0.1	140	1.20	0.5	1	2	40	2.0	0.02	10	6.7
103J	783012	9	423375	6035830	GRNT	41	20	2	6	10	02131	220	0051111	26	8	4	3	4	0.1	180	1.30	0.5	1	2	40	1.0	0.02	10	6.7
103J	783013	9	423375	6035830	GRNT	41	20	2	6	20	02131	220	0051111	26	6	2	3	5	0.1	200	1.45	0.5	1	2	30	2.0	0.05	10	6.4
103J	783014	9	424822	6034302	GRNT	41	15	1	6	00	02041	220	0051111	16	6	3	6	4	0.1	80	1.00	0.5	1	2	40	1.0	0.02	10	5.7
103J	783015	9	425807	6033215	GRNT	41	10	1	6	00	02046	022	0057111	32	22	2	4	10	0.1	240	1.15	0.5	2	2	40	4.0	0.02	20	7.6
103J	783016	9	427978	6030860	GRNT	41	15	1	6	00	02111	220	0052111	34	4	6	2	4	0.1	160	1.75	0.5	1	2	60	1.0	0.02	10	6.4
103J	783017	9	429254	6034513	GRNT	41	10	1	6	00	02023	022	0052111	26	4	5	2	4	0.1	260	1.55	0.5	1	2	70	2.0	0.10	10	6.6
103J	783018	9	429283	6035435	GRNT	41	15	3	6	00	02031	022	0052111	30	4	5	2	6	0.1	260	1.75	0.5	1	2	60	2.0	0.02	10	6.4
103J	783019	9	430764	6038487	GRNT	41	15	2	6	00	02041	111	0052111	22	4	4	2	4	0.1	140	1.45	0.5	1	2	70	1.0	0.02	10	6.2
103J	783020	9	432294	6039019	GRNT	41	70	3	6	00	02031	130	1152111	74	14	1	11	9	0.1	300	2.40	0.5	2	2	40	2.0	0.02	10	6.8
103J	783022	9	433803	6037713	GNSS	10	20	2	6	00	02041	211	0051111	44	8	1	8	12	0.1	360	1.90	0.5	1	2	60	3.0	0.02	10	7.1
103J	783023	9	432945	6037378	GNSS	10	10	2	6	00	02041	022	0057111	48	10	1	3	6	0.1	340	1.55	0.5	1	2	40	2.0	0.02	10	6.9

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103J	783024	9	431253	6033612	GRNT	41	20	3	6	00	02031	310	0052111	30	6	1	2	6	0.1	200	1.20	0.5	1	2	30	1.0	0.02	10	6.8
103J	783026	9	430406	6031814	GRNT	41	10	2	6	00	02031	121	0051111	58	4	2	2	9	0.1	420	1.90	1.0	1	2	300	1.0	0.02	10	6.9
103J	783027	9	428011	6026769	MSDM	33	20	1	6	00	02031	211	0057111	34	24	1	7	16	0.1	560	1.90	0.5	1	2	40	1.0	0.02	10	6.8
103J	783028	9	428661	6025815	MSDM	33	10	1	6	00	02036	121	0051111	30	20	2	4	10	0.1	400	1.70	0.5	1	2	60	2.0	0.02	10	6.7
103J	783029	9	429734	6023970	GRNT	41	10	1	6	10	02041	013	0057111	24	12	4	3	6	0.1	220	1.85	0.5	1	2	80	2.0	0.02	10	6.5
103J	783030	9	429734	6023970	GRNT	41	10	1	6	20	02041	013	0057111	26	14	4	2	6	0.1	260	2.10	0.5	1	2	80	2.0	0.02	10	6.4
103J	783031	9	430062	6022437	MSDM	33	30	1	6	00	02031	220	0051111	38	44	2	12	12	0.1	240	1.90	0.5	2	2	30	3.0	0.02	10	7.8
103J	783032	9	431249	6020608	MSDM	33	20	1	6	00	02031	220	0052111	70	28	4	15	16	0.1	480	2.45	0.5	1	2	40	4.0	0.05	10	7.9
103J	783033	9	433779	6019818	GRNT	41	15	2	6	00	02031	022	0052111	34	12	8	4	9	0.1	560	1.85	0.5	2	2	90	1.0	0.02	10	7.3
103J	783034	9	432177	6019529	MSDM	33	20	2	6	00	02031	310	1152111	50	38	2	11	13	0.1	380	2.35	0.5	1	2	30	3.0	0.02	10	7.8
103J	783035	9	432800	6020898	GRNT	41	3	1	6	00	02026	220	0051111	32	10	1	3	6	0.1	200	1.45	0.5	1	2	30	1.0	0.02	10	6.4
103J	783036	9	431884	6022582	GRNT	41	3	1	6	00	01026	220	0051212	42	14	3	4	9	0.2	340	2.00	0.5	1	2	50	1.0	0.02	10	6.8
103J	783037	9	431933	6023510	GRNT	41	45	3	6	00	12041	220	0051112	34	4	1	2	4	0.1	140	0.80	0.5	1	2	20	1.0	0.05	10	7.0
103J	783038	9	431680	6023947	GRNT	41	30	3	6	00	13026	121	0052111	16	4	2	2	3	0.1	80	0.65	0.5	1	2	30	1.0	0.02	10	6.5
103J	783039	9	430004	6026554	GRNT	41	35	2	6	00	02031	310	0057111	26	6	1	2	5	0.1	180	1.05	0.5	1	2	20	2.0	0.02	10	6.9
103J	783040	9	429270	6029545	GRNT	41	10		1	00	02 6	310	0052212	24	4	1	1	4	0.1	140	1.10	0.5	1	2	40	1.0			
103J	783042	9	425878	6029260	MSDM	33	25	2	6	00	02031	121	0057111	44	28	1	7	11	0.1	440	1.90	0.5	1	2	40	3.0	0.02	10	7.8
103J	783043	9	425578	6029760	MSDM	33	20	3	6	00	02036	220	0052111	30	18	2	6	10	0.1	320	1.55	0.5	1	8	30	3.0	0.02	10	7.1
103J	783044	9	422030	6034289	MSDM	33	10	2	6	00	02036	220	0052111	20	8	1	2	4	0.1	140	1.20	0.5	2	2	40	3.0	0.10	10	6.2
103J	783046	9	421535	6035056	MSDM	33	10	1	6	00	02121	211	1157111	12	10	1	2	4	0.1	140	1.10	0.5	1	2	40	3.0	0.05	10	6.7
103J	783047	9	418572	6043774	GRNT	41	20	2	6	00	02021	121	1152111	40	20	1	6	10	0.1	400	1.75	0.5	1	2	30	2.0	0.05	10	7.3
103J	783048	9	416752	6047199	GRNT	41	35	1	6	10	02131	022	0052111	22	10	1	5	5	0.1	160	1.30	1.0	1	2	50	1.0	0.02	10	6.5
103J	783049	9	416752	6047199	GRNT	41	35	1	6	20	02131	022	0052111	22	8	1	4	5	0.1	150	1.20	0.5	1	2	30	1.0	0.02	10	6.5
103J	783050	9	416893	6047565	GRNT	41	45	2	6	00	12131	220	1152111	32	6	1	2	5	0.1	170	1.35	1.0	1	2	40	1.0	0.05	10	6.9
103J	783051	9	416170	6048749	GRNT	41	10	1	6	00	02021	310	0051111	58	18	1	6	11	0.1	400	2.00	0.5	1	2	40	1.0	0.02	10	7.4
103J	783052	9	414281	6050463	GRNT	41	10	1	6	00	01126	220	0057111	18	14	1	4	6	0.1	180	1.05	1.0	1	2	20	1.0	0.02	10	7.0
103J	783053	9	412962	6051708	GRNT	41	3	1	6	00	02121	310	0057211	22	8	1	7	4	0.1	120	1.80	0.5	1	2	40	1.0	0.02	10	6.0
103J	783054	9	413399	6053354	GRNT	41	30	1	6	00	02121	310	0052111	28	4	2	4	7	0.1	260	1.45	0.5	1	2	40	1.0	0.02	10	6.9
103J	783055	9	415725	6056359	GRNT	41	20	1	6	00	02041	220	0052111	22	2	2	2	4	0.1	150	0.95	0.5	1	2	30	1.0	0.02	10	6.9
103J	783056	9	417131	6057402	GRNT	41	35	5	6	00	02141	112	0057111	112	12	3	38	142	0.1	11000	2.90	1.0	2	2	80	1.0	0.02	10	6.7
103J	783057	9	416735	6057988	GRNT	41	15	1	6	00	03026	220	0051111	30	4	2	4	5	0.1	170	1.30	0.5	1	2	40	1.0	0.02	10	6.7
103J	783058	9	415153	6057400	GRNT	41	5	1	6	00	02131	022	0051211	44	8	1	24	13	0.1	380	3.05	0.5	1	2	70	1.0	0.02	10	6.7
103J	783059	9	413637	6055946	GRNT	41	10	3	6	00	02141	111	0052111	14	1	1	1	4	0.1	180	0.65	0.5	1	2	20	3.0	0.02	10	6.9
103J	783060	9	411298	6056714	GRNT	41	25	1	6	00	12111	210	0052111	14	2	1	2	2	0.1	80	0.90	0.5	1	2	40	1.0	0.02	10	5.7
103J	783062	9	411641	6056326	GRNT	41	3	1	6	00	02021	310	0050212	30	4	2	3	6	0.1	100	1.55	0.5	1	2	40	1.0	0.02	10	6.5
103J	783063	9	411973	6062281	GRNT	41	5	1	6	00	03111	310	0051211	42	4	4	6	8	0.1	360	2.20	0.5	2	2	60	1.0	0.02	10	6.0
103J	783064	9	413499	6062965	GRNT	41	20	1	6	00	13021	310	0051111	60	10	2	10	12	0.1	440	2.30	0.5	1	2	50	1.0	0.02	10	7.0
103J	783065	9	414716	6061340	GRNT	41	15	2	6	00	03121	310	0051111	18	2	1	1	2	0.1	100	1.00	0.5	1	2	20	1.0	0.02	10	6.0
103J	783066	9	416140	6061644	GRNT	41	20	2	6	00	03121	220	1052111	26	4	1	2	4	0.1	80	1.25	0.5	2	2	40	1.0	0.05	10	6.7
103J	783067	9	417538	6062236	GRNT	41	15	1	6	00	02031	121	0052111	38	6	1	7	9	0.1	280	2.00	0.5	2	2	60	1.0	0.02	10	6.9
103J	783068	9	416917	6063392	GRNT	41	5	1	6	00	02121	310	0057211	32	10	2	12	10	0.1	340	2.85	0.5	2	2	80	1.0	0.02	10	6.9
103J	783069	9	418533	6063776	GRNT	41	10	1	6	00	02021	310	0051211	58	16	2	24	13	0.1	480	2.30	0.5	1	2	50	2.0	0.02	10	7.2
103J	783070	9	419181	6062664	GRNT	41	10	3	6	00	02041	121	0056111	54	16	1	42	18	0.1	1080	2.65	0.5	1	2	60	1.0	0.02	10	7.2
103J	783071	9	421948	6062696	GRNT	41	30	1	6	10	01121	220	1052111	74	24	1	44	16	0.1	500	3.15	0.5	1	2	70	1.0	0.02	24	7.3
103J	783072	9	421948	6062696	GRNT	41	30	1	6	20	01121	220	1052111	76	24	1	42	16	0.1	540	3.30	0.5	1	2	50	1.0	0.02	24	7.4
103J	783073	9	424757	6062562	GRNT	41	10	1	6	00	02021	220	1052211	120	36	1	58	21	0.1	620	3.45	0.5	2	2	60	3.0	0.02	10	7.0
103J	783074	9	426453	6061366	GNSS	10	15	3	6	00	02031	120	1152111	48	10	1	12	10	0.1	340	2.35	0.5	1	2	20	1.0	0.02	10	6.9
103J	783076	9	427280	6060028	GNSS	10	10	1	6	00	02041	310	1152111	82	28	1	24	14	0.1	560	2.80	0.5	3	2	20	2.0	0.02	10	7.1
103J	783077	9	428695	6058068	GNSS	10	40	2	6	00	01021	220	1152111	44	12	1	6	8	0.1	280	2.20	0.5	2	2	20	2.0	0.02	10	7.0
103J	783078	9	429487	6057551	MSDM	33	20	1	6	00	11021	220	1157111	96	14	1	12	12	0.1	760	3.00	0.5	4	2	50	2.0	0.02	10	7.0

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103J	783079	9	431118	6055295	MSDM	33	15	1	6	00	02031	220	1152111	82	14	1	8	8	0.1	440	2.90	0.5	1	2	20	1.0	0.02	10	7.0
103J	783080	9	432830	6053278	MSDM	33	75	3	6	00	12021	120	1051111	94	20	1	13	10	0.1	380	2.75	1.0	3	2	30	2.0	0.02	10	6.9
103J	783082	9	434119	6052803	MSDM	33	30	2	6	00	01031	120	1152111	162	30	1	19	12	0.1	460	3.30	1.0	7	2	20	3.0	0.02	10	6.8
103J	783083	9	434423	6054808	MSDM	33	45	3	6	00	12031	310	1051111	46	22	1	12	8	0.1	340	2.45	0.5	1	2	30	3.0	0.02	10	7.1
103J	783084	9	433119	6055474	MSDM	33	10	1	6	00	01021	130	0051211	148	44	1	27	24	0.1	780	5.30	0.5	1	2	20	1.0	0.02	10	7.5
103J	783085	9	431789	6057547	MSDM	33	15	1	6	00	02031	121	1057111	116	26	1	25	23	0.1	940	4.70	0.5	1	2	30	1.0	0.02	10	7.4
103J	783087	9	431412	6058152	MSDM	33	15	2	6	00	02031	120	1052111	34	14	1	7	6	0.1	250	1.65	0.5	1	2	30	2.0	0.02	10	7.4
103J	783088	9	430739	6060276	MSDM	33	3	1	6	00	02021	120	0052212	66	24	1	19	18	0.1	600	2.70	0.5	1	2	50	1.0	0.02	10	7.4
103J	783089	9	430016	6061098	MSDM	33	15	2	6	00	02041	220	0051111	64	26	1	22	15	0.1	350	2.70	0.5	2	2	30	1.0	0.02	10	7.5
103J	783090	9	428264	6061613	MSDM	33	3	1	6	00	03021	210	0051212	182	38	9	28	18	0.1	800	3.95	2.0	3	2	60	2.0	0.02	26	7.5
103J	783091	9	426612	6063444	MSDM	33	5		1	00	03 1	220	0052211	340	52	1	43	14	0.1	600	4.10	0.5	6	2	30	2.0			
103J	783092	9	420617	6064654	GNSS	10	5	1	6	00	03011	220	0051211	116	52	1	44	14	0.1	390	4.10	0.5	3	2	80	2.0	0.02	10	7.6
103J	783093	9	421275	6065876	GRNT	41	3	1	6	00	02121	112	0051212	38	14	1	18	16	0.1	530	2.25	0.5	1	2	90	2.0	0.02	10	7.8
103J	783094	9	423097	6067077	MSDM	33	20	1	6	10	02021	211	0051111	76	18	1	32	20	0.2	680	2.80	0.5	2	2	80	2.0	0.02	10	7.3
103J	783095	9	423097	6067077	MSDM	33	20	1	6	20	02021	211	0051111	90	20	1	39	24	0.1	830	3.20	0.5	1	2	90	1.0	0.02	10	7.1
103J	783096	9	422113	6068221	MSDM	33	10	1	6	00	03021	120	1152111	52	14	1	24	12	0.1	360	2.30	0.5	1	2	50	1.0	0.02	10	7.1
103J	783097	9	423499	6069532	MSDM	33	10	1	6	00	02031	220	0052111	64	28	1	32	14	0.2	470	2.90	0.5	2	2	60	1.0	0.02	10	7.3
103J	783098	9	427189	6069591	GNSS	10	3	1	6	00	02121	121	0055322	38	12	1	15	20	0.1	780	2.65	0.5	1	2	80	1.0	0.02	10	7.0
103J	783099	9	425636	6069861	GNSS	10	15	2	6	00	02021	220	0052111	64	30	2	15	12	0.1	430	2.75	0.5	3	2	40	2.0	0.02	10	7.3
103J	783100	9	424833	6072917	GNSS	10	5	1	6	00	02011	220	1052211	44	10	1	17	18	0.2	740	3.10	0.5	1	2	80	2.0	0.02	10	7.1
103J	783103	9	425163	6074234	GNSS	10	15	2	6	00	03121	310	1051111	54	12	1	15	10	0.1	520	2.35	2.0	1	2	40	2.0	0.02	10	7.7
103J	783104	9	427053	6076019	GNSS	10	5	1	6	00	02021	121	0051211	58	14	1	16	13	0.1	800	3.70	0.5	1	2	90	3.0	0.02	10	7.8
103J	783105	9	428491	6076731	GNSS	10	20	1	6	00	02131	210	1052111	34	14	1	8	8	0.1	440	2.10	0.5	1	2	40	3.0	0.02	10	7.2
103J	783106	9	429973	6078453	GNSS	10	40	2	6	10	02021	220	1052111	30	14	1	12	7	0.1	290	1.85	0.5	1	2	40	4.0	0.02	10	7.3
103J	783107	9	429973	6078453	GNSS	10	40	2	6	20	02021	220	1052111	34	14	1	13	8	0.1	340	2.00	1.0	1	2	40	3.0	0.02	10	7.3
103J	783108	9	430682	6078968	GNSS	10	35	2	6	00	02021	310	1152111	30	12	1	8	6	0.1	260	1.60	0.5	1	2	40	2.0	0.02	10	7.2
103J	783109	9	421137	6070122	GNSS	10	10	1	6	00	02021	220	0052211	40	10	1	23	17	0.1	640	2.30	1.0	1	2	70	2.0	0.02	10	7.2
103J	783110	9	412358	6064525	GRNT	41	5	1	6	00	02121	022	1051211	16	4	2	4	2	0.1	80	1.70	1.0	1	2	70	1.0	0.02	10	6.1
103J	783111	9	413546	6065852	GRNT	41	5	1	6	00	02031	310	0052211	52	8	1	6	9	0.1	540	2.45	0.5	1	2	50	2.0	0.02	10	7.0
103J	783112	9	415249	6067132	GNSS	10	10	1	6	00	02021	220	0051211	56	12	1	26	14	0.2	740	2.75	3.0	1	2	80	1.0	0.02	10	7.1
103J	783113	9	416338	6067563	GNSS	10	20	2	6	00	02021	120	0051212	56	18	1	21	12	0.1	460	2.65	2.0	1	2	40	2.0	0.02	10	7.3
103J	783114	9	416661	6067475	GNSS	10	5	1	6	00	02011	211	0052211	50	10	1	26	24	0.1	1580	4.00	4.0	2	2	60	1.0	0.02	10	7.1
103J	783115	9	417752	6068333	GRNT	41	15	1	6	00	02031	210	0051111	70	20	1	43	14	0.1	670	3.30	2.0	1	2	50	2.0	0.02	10	7.4
103J	783116	9	419261	6069476	MSDM	33	20	1	6	00	02031	220	0051111	52	14	1	24	8	0.1	360	2.10	2.0	1	2	40	2.0	0.02	10	7.3
103J	783117	9	421067	6072553	GNSS	10	3	1	6	00	02016	120	0051211	34	8	1	15	9	0.1	380	1.65	1.0	1	2	40	1.0	0.02	10	8.0
103J	783118	9	425536	6078261	MSDM	33	5	1	6	00	02021	111	0051211	130	32	1	28	24	0.1	1680	4.00	0.5	2	2	110	4.0	0.05	10	8.1
103J	783119	9	429920	6082500	GRNT	41	3	1	6	00	02021	220	1052211	88	34	1	18	20	0.1	1470	3.80	0.5	1	2	70	1.0	0.02	10	7.4
103J	783120	9	432460	6082224	GNSS	10	15	1	6	00	13021	220	0052111	40	14	1	9	9	0.1	600	1.80	1.0	1	2	50	2.0	0.05	10	7.1
103J	783122	9	431361	6080260	GNSS	10	10	1	6	00	02011	220	0051211	36	16	2	8	9	0.1	480	2.90	0.5	1	2	70	2.0	0.02	10	7.2
103J	783123	9	425041	6079020	MSDM	33	5	1	6	00	02021	210	1152211	36	12	1	12	19	0.1	1180	3.00	0.5	1	2	70	1.0	0.02	10	7.6
103J	783124	9	426384	6081146	GRNT	41	5	2	6	00	02021	310	0051211	96	46	1	18	20	0.1	1280	3.35	0.5	2	2	60	1.0	0.02	10	8.0
103J	783125	9	429647	6085260	GRNT	41	15	1	6	00	02021	220	0051111	72	26	1	34	16	0.1	590	3.10	0.5	2	2	40	2.0	0.02	10	7.9
103J	783126	9	430497	6086504	GRNT	41	15	1	6	00	02031	031	0051111	42	16	2	16	16	0.1	700	2.55	0.5	1	2	50	3.0	0.05	10	7.8
103J	783127	9	432772	6090209	GRNT	41	5	1	6	00	02031	031	1052211	78	18	2	12	20	0.1	740	3.00	0.5	3	2	90	6.0	0.10	10	7.8
103J	783128	9	435706	6092350	GRNT	41	20	1	6	00	02041	220	1157111	78	14	1	22	13	0.1	880	2.40	2.0	2	2	60	1.0	0.02	10	6.2
103J	783129	9	429563	6093830	GRNT	41	15	2	6	00	02121	111	0052111	42	8	1	12	10	0.1	630	2.05	1.0	2	2	40	3.0	0.10	10	6.7
103J	783130	9	428805	6094817	GRNT	41	15	2	6	00	02041	220	0052111	90	20	1	25	20	0.1	980	3.40	1.0	2	2	60	8.0	0.16	10	7.6
103J	783131	9	417717	6089231	GRNT	41	10	1	6	00	03121	031	0057111	28	6	3	4	6	0.1	500	1.30	0.5	1	2	50	2.0	0.02	10	7.0
103J	783133	9	418504	6090203	GRNT	41	25	1	6	00	03121	220	0052111	50	10	5	8	8	0.1	390	2.10	1.0	1	2	50	5.0	0.02	10	7.4
103J	783134	9	420946	6094662	GRNT	41	30	2	6	00	02121	220	0051111	46	8	8	6	5	0.1	140	2.10	1.0	1	8	40	3.0	0.02	10	7.6

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103J	783135	9	425569	6093897	GRNT	41	10	1	6	00	02031	120	0052211	72	14	4	6	15	0.1	1360	3.00	1.0	1	2	90	12.0	0.20	22	7.7
103J	783136	9	425676	6093106	GRNT	41	5	1	6	00	02031	220	0051111	54	12	4	5	9	0.1	720	2.30	1.0	1	2	70	2.0	0.02	32	7.9
103J	783137	9	425691	6091503	GRNT	41	20	1	6	10	02041	120	0051111	68	34	6	12	12	0.1	780	2.30	2.0	1	2	80	3.0	0.02	20	7.8
103J	783138	9	425691	6091503	GRNT	41	20	1	6	20	02041	120	0051111	74	40	5	14	22	0.1	940	2.50	2.0	1	2	90	2.0	0.05	20	7.9
103J	783139	9	425223	6089272	GRNT	41	5	1	6	00	02041	112	0052211	26	10	2	3	6	0.1	390	1.30	0.5	1	2	40	5.0	0.10	10	7.1
103J	783140	9	424032	6087449	GRNT	41	45	2	6	00	02021	220	0051111	46	38	1	14	10	0.1	360	2.20	1.0	1	7	30	4.0	0.02	10	7.8
103J	783142	9	423608	6086191	MSDM	33	15	1	6	00	03031	120	1052111	88	26	1	12	12	0.1	540	2.85	2.0	2	2	40	4.0	0.02	10	8.1
103J	783143	9	421160	6082794	GRNT	41	25	3	6	00	02121	220	0051111	42	10	1	14	6	0.1	260	1.75	1.0	1	2	40	3.0	0.02	10	7.6
103J	783144	9	421017	6082587	MSDM	33	15	2	6	00	02121	121	0052111	30	6	1	11	4	0.1	160	1.20	2.0	1	2	30	3.0	0.02	10	7.2
103J	783145	9	418146	6078670	GNSS	10	60	3	6	00	02131	220	1052111	42	10	2	14	6	0.1	280	1.70	2.0	1	2	30	2.0	0.02	10	7.2
103J	783147	9	416316	6076718	GNSS	10	20	1	6	10	03121	120	0052111	70	12	6	14	9	0.1	400	3.10	1.0	2	2	40	2.0	0.02	10	7.2
103J	783148	9	416316	6076718	GNSS	10	20	1	6	20	03121	120	0052111	76	12	6	15	8	0.1	420	3.40	2.0	3	2	30	2.0	0.02	10	6.8
103J	783149	9	415877	6076370	GNSS	10	30	2	6	00	02131	120	0052111	62	16	4	14	14	0.1	780	2.80	2.0	2	2	60	2.0	0.02	10	7.1
103J	783150	9	412365	6073890	GNSS	10	30	1	6	00	03111	031	1052111	50	8	3	10	5	0.1	240	3.85	2.0	1	2	70	2.0	0.10	10	7.3
103J	783151	9	411227	6072225	GRNT	41	15	1	6	00	02121	120	1052111	92	20	1	17	13	0.1	740	2.90	0.5	2	2	40	5.0	0.02	10	7.7
103J	783152	9	406341	6068345	GRNT	41	25	2	6	00	03121	220	0052111	38	16	2	9	9	0.1	380	2.40	1.0	1	2	60	1.0	0.02	10	6.5
103J	783153	9	407295	6072157	MSDM	33	3	1	6	00	02131	120	0057211	18	10	4	4	5	0.1	300	1.90	0.5	1	2	60	2.0	0.02	10	6.5
103J	783154	9	400714	6072290	GRNT	41	40	3	6	00	22131	211	0052111	28	6	2	10	5	0.2	220	2.20	1.0	1	2	50	2.0	0.02	10	6.5
103J	783155	9	403089	6074518	MSDM	33	30	2	6	00	02131	121	0052111	32	10	3	6	8	0.2	360	1.80	2.0	1	2	60	3.0	0.02	10	5.8
103J	783156	9	415269	6086178	MSDM	33	20	2	6	00	02131	022	1152111	78	14	11	15	10	0.1	520	2.65	3.0	2	2	40	3.0	0.05	10	7.1
103J	783157	9	415369	6086437	MSDM	33	20	1	6	00	02131	121	1152111	42	8	4	10	8	0.1	640	1.90	3.0	1	2	40	2.0	0.02	10	6.5
103J	783158	9	409568	6080901	GNSS	10	45	2	6	00	02121	220	0052111	52	12	1	11	8	0.1	420	2.60	1.0	1	2	40	2.0	0.02	10	7.0
103J	783159	9	407619	6075236	MSDM	33	20	2	6	00	02131	211	0057111	68	14	26	16	28	0.1	2900	3.90	1.0	1	2	130	2.0	0.02	10	6.8
103J	783160	9	407036	6076742	MSDM	33	20	1	6	00	02131	310	0057111	72	20	2	18	20	0.2	920	3.80	2.0	2	2	70	2.0	0.02	10	6.4
103J	783162	9	405933	6065553	GRNT	41	25	2	6	00	02136	220	1057111	12	2	2	4	2	0.1	70	0.75	0.5	1	2	50	1.0	0.02	10	5.5
103J	783163	9	404864	6063123	GRNT	41	5	1	6	00	02116	220	0052211	12	2	2	2	2	0.1	40	0.40	0.5	1	2	40	1.0	0.02	10	4.1
103J	783164	9	403265	6064724	GRNT	41	25	1	6	00	03111	120	0057111	38	6	2	6	6	0.1	220	1.90	0.5	2	2	40	1.0	0.02	10	6.6
103J	783165	9	399004	6064751	MSDM	33	15	1	6	00	03121	220	0052111	18	8	2	6	7	0.1	360	1.50	0.5	2	2	30	2.0	0.02	10	6.8
103J	787002	9	401710	6064873	GRNT	41	15	1	6	00	02011	220	0031111	52	14	12	12	8	0.1	445	3.65	4.0	3	2	50	5.0	0.02	10	7.6
103J	787003	9	397408	6066193	MSDM	33	3	1	6	00	02021	220	0031211	26	6	2	10	7	0.1	600	2.40	2.0	1	2	60	2.0	0.05	10	7.3
103J	787004	9	399147	6068031	GRNT	41	3	1	6	00	02021	121	0031211	66	24	2	32	13	0.2	280	2.95	1.0	1	2	60	3.0	0.02	22	7.4
103J	787005	9	401732	6066807	GRNT	41	3	1	6	00	01016	012	0031221	6	2	2	1	1	0.1	50	0.55	0.5	1	2	50	1.0	0.02	10	7.5
103J	787006	9	405552	6064898	GRNT	41	20	2	6	00	02021	210	0031111	44	4	2	6	7	0.1	495	2.45	2.0	1	2	30	6.0	0.02	10	7.3
103J	787007	9	404701	6066339	GRNT	41	3	1	6	00	02026	111	0031221	20	2	2	2	2	0.1	100	1.10	1.0	1	6	40	3.0	0.02	10	6.9
103J	787008	9	402762	6068168	GRNT	41	20	6	6	00	01111	022	0011221	6	2	4	2	1	0.2	35	0.40	0.5	1	2	70	1.0	0.02	20	7.1
103J	787009	9	404646	6070290	GRNT	41	30	2	6	10	01011	022	1031121	24	2	3	4	2	0.2	130	1.45	1.0	1	2	40	4.0	0.02	10	7.2
103J	787010	9	404646	6070290	GRNT	41	30	2	6	20	01011	022	1031121	22	2	4	4	2	0.1	120	1.35	1.0	2	2	50	5.0	0.02	20	7.3
103J	787011	9	404642	6067988	MSDM	33	3	1	6	00	02121	120	0031221	16	2	2	2	2	0.1	110	1.45	1.0	1	2	50	1.0	0.05	10	7.1
103J	787012	9	404609	6068255	MSDM	33	10	2	6	00	02126	220	0031111	34	4	2	6	4	0.1	175	1.80	1.0	1	2	50	3.0	0.02	10	7.2
103J	787013	9	410268	6079577	GNSS	10	30	2	6	00	02021	220	0032111	42	8	1	10	4	0.1	200	1.85	0.5	1	2	40	5.0	0.02	10	7.3
103J	787014	9	410370	6079932	GNSS	10	15	2	6	00	02021	220	0031121	108	22	4	21	24	0.2	1750	4.85	1.0	3	2	40	0.5	0.05	10	7.4
103J	787015	9	412456	6081261	GNSS	10	20	1	6	00	02021	120	0031121	64	12	1	14	16	0.2	1500	3.70	0.5	2	2	60	1.0	0.02	10	7.2
103J	787016	9	414639	6084453	MSDM	33	15	2	6	00	02021	220	0031221	106	16	2	18	13	0.4	910	3.90	2.0	3	2	50	4.0	0.02	10	7.3
103J	787017	9	414244	6084403	MSDM	33	20	2	6	00	02021	220	0031111	128	22	4	22	24	0.2	1700	5.45	2.0	5	2	60	3.0	0.02	10	7.1
103J	787019	9	421414	6092427	GRNT	41	25	2	6	00	02021	220	0032111	64	14	6	12	12	0.1	1450	3.10	2.0	2	2	50	3.0	0.05	10	7.7
103J	787020	9	422955	6093913	GRNT	41	25	2	6	00	02021	220	0032111	88	14	6	24	22	0.2	1800	5.40	2.0	1	2	40	2.0	0.10	20	7.7
103J	787022	9	435429	6089435	GRNT	41	15	1	6	00	02026	220	0031111	40	8	2	14	13	0.2	630	2.35	1.0	4	2	30	4.0	0.02	10	7.3
103J	787023	9	433681	6085319	GRNT	41	15	2	6	00	02011	220	0031221	64	10	2	22	8	0.1	510	3.30	6.0	3	2	40	2.0	0.02	10	7.5
103J	787024	9	433275	6083679	GRNT	41	10	1	6	00	02021	220	0031121	80	16	3	32	14	0.1	1500	3.00	6.0	1	2	50	3.0	0.02	20	7.7
103J	787025	9	433376	6082914	GNSS	10	20	2	6	00	02011	220	0031121	46	12	3	18	8	0.1	460	2.20	2.0	3	2	40	3.0	0.10	10	7.4

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103J	787027	9	434538	6078357	GNSS	10	20	2	6	00	02021	220	0152121	32	12	1	8	6	0.1	255	1.70	0.5	1	2	30	4.0	0.05	10	7.1
103J	787028	9	432529	6076682	GNSS	10	20	1	6	00	02021	220	0052111	36	14	2	9	8	0.1	350	2.00	0.5	2	2	20	1.0	0.02	10	7.6
103J	787029	9	429877	6075306	GNSS	10	25	2	6	10	02021	220	0051111	28	8	2	8	6	0.1	295	1.35	1.0	2	2	30	2.0	0.02	10	7.5
103J	787030	9	429877	6075306	GNSS	10	25	2	6	20	02021	220	0051111	20	8	1	6	4	0.1	210	1.00	1.0	1	2	20	1.0	0.05	10	7.5
103J	787031	9	422839	6088610	GRNT	41	3	1	6	00	02011	220	0052221	56	62	2	28	20	0.2	700	3.80	1.0	2	2	40	4.0	0.02	10	7.5
103J	787032	9	422522	6088323	GRNT	41	20	1	6	00	02021	120	0051111	90	40	3	22	22	0.2	1600	4.30	1.0	5	4	50	2.0	0.02	10	7.6
103J	787033	9	418844	6085483	MSDM	33	25	1	6	00	02021	121	0031121	126	14	2	16	13	0.1	910	4.10	1.0	4	2	40	4.0	0.05	10	7.7
103J	787034	9	417901	6084374	MSDM	33	30	1	6	00	02021	120	0031111	94	12	2	18	20	0.2	1450	4.40	1.0	2	2	50	1.0	0.02	10	7.3
103J	787035	9	416788	6080934	MSDM	33	40	10	6	00	01116	021	0031121	66	8	1	15	4	0.1	190	2.10	1.0	2	2	40	2.0	0.02	10	7.3
103J	787036	9	418036	6079594	GNSS	10	50	2	6	00	02021	220	0031111	38	6	1	14	6	0.1	375	1.70	2.0	1	2	30	1.0	0.02	10	7.2
103J	787037	9	417795	6079299	GNSS	10	25	2	6	00	02021	220	0031121	70	10	2	24	12	0.1	490	3.05	4.0	1	2	70	2.0	0.02	10	7.4
103J	787038	9	415320	6078600	GNSS	10	25	1	6	00	02011	220	0031111	132	18	5	28	21	0.1	1150	5.20	1.0	5	2	40	2.0	0.02	10	7.3
103J	787039	9	413882	6076483	GNSS	10	20	2	6	00	02021	220	0031111	50	10	1	14	10	0.1	560	2.30	0.5	1	2	30	6.0	0.02	10	7.3
103J	787040	9	426903	6070983	GNSS	10	3	1	6	00	00026	121	0052221	44	20	1	10	10	0.2	370	1.85	0.5	1	2	30	7.0	0.02	10	7.6
103J	787042	9	428868	6070928	GNSS	10	6	1	6	00	12021	120	0052221	44	14	1	13	11	0.1	545	2.70	1.0	2	2	40	4.0			
103J	787043	9	429063	6069449	GNSS	10	15	2	6	00	12021	120	0051221	60	22	1	16	10	0.1	300	2.35	0.5	2	2	10	2.0	0.02	10	7.6
103J	787044	9	425348	6067678	MSDM	33	20	2	6	00	02021	210	0152111	92	26	2	20	18	0.2	710	4.40	1.0	3	2	20	2.0	0.02	10	7.2
103J	787045	9	422440	6006806	MSDM	33	15	1	6	10	02021	111	1051111	162	24	1	24	4	0.3	190	1.90	1.0	4	2	50	5.0	0.02	10	8.2
103J	787046	9	422440	6006806	MSDM	33	15	1	6	20	02021	111	1051111	144	20	1	20	3	0.2	195	1.85	1.0	5	2	40	4.0	0.02	10	8.1
103J	787047	9	421909	6002146	GRNT	41	15	1	6	00	02021	210	0051111	54	4	4	6	7	0.1	390	2.10	1.0	1	2	30	3.0	0.02	10	8.0
103J	787048	9	419979	6002710	GRNT	41	6	1	6	00	02021	220	0051211	26	2	1	3	5	0.1	260	1.30	1.0	1	2	50	5.0	0.02	10	6.9
103J	787050	9	416510	6000476	GRNT	41	6	1	6	00	02021	210	0032211	34	4	2	4	14	0.1	1000	1.70	0.5	1	2	30	4.0	0.18	10	7.2
103J	787051	9	417325	5999151	GRNT	41	20	1	6	00	02121	310	0051111	52	12	2	9	12	0.1	400	2.60	1.0	1	2	20	2.0	0.02	10	5.3
103J	787052	9	422630	5999525	GRNT	41	10	1	6	00	02021	120	0051221	34	6	2	5	6	0.1	310	1.40	1.0	1	2	50	2.0	0.05	10	7.0
103J	787053	9	420710	5991258	GRNT	41	15	1	6	00	02021	210	0051211	10	6	1	2	5	0.1	85	0.95	1.0	1	2	20	1.0	0.02	10	6.1
103J	787054	9	420316	5988199	MSDM	33	10	1	6	00	02021	310	0051211	34	24	1	7	11	0.1	210	2.20	0.5	1	2	10	2.0	0.10	10	7.4
103J	787055	9	420636	5986189	MSDM	33	6	1	6	00	02021	220	0052211	38	24	1	14	12	0.2	260	2.10	0.5	1	2	40	1.0	0.02	10	7.5
103J	787056	9	424244	5984183	GRNT	41	25	1	6	00	02021	310	0051111	14	8	1	5	5	0.1	140	0.85	0.5	1	2	10	1.0	0.02	10	7.3
103J	787057	9	425218	5987384	GRNT	41	3	1	6	00	02021	220	0052211	38	2	1	2	7	0.1	320	1.80	0.5	1	2	40	3.0	0.05	10	8.4
103J	787058	9	424463	5989535	GRNT	41	15	1	6	00	02021	220	0051211	32	2	1	2	6	0.1	365	1.55	0.5	1	2	40	2.0	0.02	10	7.9
103J	787059	9	424163	5990202	GRNT	41	20	1	6	00	02021	210	0051111	26	4	1	4	5	0.2	220	1.40	1.0	1	2	30	2.0	0.16	10	7.6
103J	787060	9	429681	5984452	MSDM	33	20	2	6	00	02021	120	0051111	28	6	1	3	3	0.1	195	1.80	1.0	1	2	30	2.0	0.05	10	6.8
103J	787062	9	429246	5987119	MSDM	33	20	1	6	00	02031	210	0051111	28	8	28	2	2	0.1	145	1.30	0.5	1	2	30	4.0	0.44	10	5.9
103J	787063	9	429526	5992286	GRNT	41	20	2	6	00	02021	211	0051121	24	4	2	2	2	0.1	170	1.40	1.0	2	2	50	3.0	0.05	10	5.7
103J	787064	9	429681	5993823	GRNT	41	20	2	6	00	02021	210	0051111	24	4	1	3	2	0.2	145	1.30	0.5	2	2	50	2.0	0.10	10	5.9
103J	787065	9	433207	5993205	GRNT	41	10	1	6	00	02021	210	0052121	36	2	6	2	3	0.2	290	1.45	0.5	1	2	40	8.0	0.38	10	6.9
103J	787066	9	433581	5994165	GRNT	41	25	2	6	00	02021	210	0052111	28	2	2	1	2	0.1	160	0.95	1.0	1	2	20	4.0	0.12	26	6.9
103J	787067	9	429867	5997013	GRNT	41	20	2	6	00	02121	220	0051111	52	18	1	7	6	0.1	480	2.65	2.0	2	2	60	1.0	0.20	10	6.9
103J	787068	9	430761	5997518	GRNT	41	10	2	6	00	02021	310	0051111	68	26	2	16	10	0.1	560	2.85	5.0	1	2	60	3.0	0.10	10	5.6
103J	787069	9	434578	6014472	MSDM	33	25	3	6	00	02136	022	0051111	10	2	1	1	1	0.1	70	0.60	0.5	1	2	40	0.5	0.02	10	5.0
103J	787071	9	434225	6016024	MSDM	33	50	2	6	00	02131	022	0051121	46	32	2	9	5	0.2	240	1.90	0.5	3	5	70	3.0	0.10	10	5.5
103J	787072	9	434565	6024136	GRNT	41	10	2	6	00	02031	220	0052221	40	14	1	4	6	0.1	190	1.50	1.0	1	2	330	0.5	0.05	10	6.8
103J	787073	9	433327	6027046	GRNT	41	15	3	6	00	02021	120	0052121	16	2	8	1	2	0.1	85	0.75	1.0	1	2	40	4.0	0.05	10	6.1
103J	787074	9	433433	6026606	GRNT	41	40	3	6	00	02026	220	0051111	36	8	1	3	5	0.2	220	1.55	1.0	1	2	50	4.0	0.05	10	6.3
103J	787075	9	431550	6029363	GRNT	41	35	3	6	00	02026	021	0051111	28	4	1	2	3	0.1	120	1.10	0.5	2	2	10	1.0	0.02	10	6.0
103J	787076	9	431508	6028460	GRNT	41	10	1	6	10	02036	120	0052221	62	20	1	14	8	0.2	310	2.00	3.0	3	2	40	5.0	0.05	10	6.5
103J	787077	9	431508	6028460	GRNT	41	10	1	6	20	02036	120	0052221	64	20	1	14	9	0.1	320	2.10	2.0	2	6	40	3.0	0.10	10	6.6
103J	787078	9	422864	6041584	GRNT	41	20	2	6	00	12131	220	0051221	38	6	1	3	8	0.1	440	2.20	0.5	1	2	60	1.0	0.02	10	5.7
103J	787079	9	426542	6042000	GRNT	41	30	3	6	00	02021	030	0051121	36	4	1	2	5	0.1	250	1.50	0.5	1	2	30	1.0	0.02	10	6.4
103J	787080	9	423108	6042775	GRNT	41	35	3	6	00	12131	310	0051121	30	2	1	2	7	0.1	510	1.55	0.5	1	2	30	1.0	0.02	10	6.9

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103J	787082	9	422793	6044632	GRNT	41	50	2	6	00	12021	220	1051121	40	8	1	3	8	0.1	260	2.55	1.0	2	2	30	1.0	0.02	10	6.3
103J	787083	9	424053	6045392	GRNT	41	15	1	6	00	02021	121	0051221	52	12	1	28	14	0.1	460	2.85	1.0	2	2	50	2.0	0.02	10	6.3
103J	787084	9	424024	6045876	GRNT	41	30	3	6	00	02031	310	0052121	40	2	1	2	6	0.1	290	1.45	1.0	1	2	30	3.0	0.02	10	6.5
103J	787085	9	425162	6046892	GRNT	41	15	1	6	00	02021	130	0052221	44	8	4	2	6	0.1	385	1.45	0.5	1	2	20	1.0	0.02	10	6.4
103J	787086	9	426860	6047535	GNSS	10	15	2	6	00	02021	211	0051221	54	12	2	8	8	0.1	360	2.20	1.0	1	2	30	3.0	0.02	10	6.9
103J	787087	9	426821	6047835	GNSS	10	40	3	6	00	02021	220	0051111	56	12	1	11	5	0.1	290	2.05	1.0	1	2	20	2.0	0.02	10	6.2
103J	787088	9	428842	6048103	MSDM	33	30	3	6	00	02031	022	0051221	52	16	1	13	3	0.1	195	2.10	1.0	1	2	30	5.0	0.02	10	6.0
103J	787089	9	427298	6052712	MSDM	33	30	3	6	00	02031	121	0051121	30	10	2	4	8	0.1	220	1.60	1.0	1	2	40	2.0	0.02	10	6.2
103J	787090	9	428205	6051843	MSDM	33	35	2	6	00	02031	220	0052121	54	14	1	8	8	0.1	295	2.10	1.0	1	2	30	3.0	0.02	10	6.1
103J	787091	9	430296	6050717	MSDM	33	15	2	6	00	02031	030	0051211	46	18	1	9	9	0.1	205	2.20	1.0	1	2	20	2.0	0.02	10	6.2
103J	787092	9	430207	6051068	MSDM	33	50	3	6	00	02031	030	0052121	38	12	1	6	7	0.1	205	1.80	1.0	1	2	20	1.0	0.02	10	6.1
103J	787093	9	433176	6046497	MSDM	33	50	3	6	00	02031	220	0051121	56	28	1	14	10	0.1	390	2.50	1.0	2	2	30	3.0	0.02	10	6.1
103J	787094	9	434799	6045532	MSDM	33	60	3	6	00	02021	220	1051121	62	18	1	8	5	0.1	340	2.30	1.0	1	2	30	3.0	0.02	10	6.3
103J	787095	9	434874	6042655	GNSS	10	15	3	6	00	02031	022	0052221	44	8	2	5	2	0.1	295	4.35	0.5	2	2	90	1.0	0.02	10	5.0
103J	787096	9	428829	6043930	GRNT	41	50	3	6	00	02031	121	0051111	26	4	1	2	3	0.1	160	1.10	1.0	2	2	20	2.0	0.02	10	6.0
103J	787097	9	428397	6043951	GRNT	41	40	2	6	10	02031	220	0051121	64	18	1	10	6	0.1	290	2.25	0.5	1	2	20	4.0	0.02	10	6.3
103J	787098	9	428397	6043951	GRNT	41	40	2	6	20	02031	220	0051121	62	18	1	10	6	0.1	270	2.10	1.0	2	2	20	2.0	0.02	10	6.4
103J	787099	9	429101	6042099	GRNT	41	20	3	6	00	02031	220	0052221	22	8	1	5	6	0.1	270	1.65	1.0	1	2	40	2.0	0.02	10	6.3
103J	787102	9	430877	6041157	GRNT	41	50	5	6	00	02021	030	0051111	58	12	1	8	5	0.1	270	1.95	1.0	1	2	30	3.0	0.02	10	6.8
103J	787103	9	431491	6040999	GNSS	10	30	3	6	00	02021	220	0051121	70	22	1	8	3	0.2	150	2.05	1.0	4	2	20	4.0	0.02	10	6.7
103J	787104	9	430019	6037757	GRNT	41	30	5	6	00	02032	030	0052211	44	8	1	7	6	0.1	240	1.90	0.5	1	2	30	1.0	0.02	10	6.2
103J	787105	9	427428	6037626	GRNT	41	30	3	6	00	02022	220	0051111	26	4	1	2	3	0.1	150	1.30	0.5	1	2	20	2.0	0.02	10	5.6
103J	787106	9	410817	6045418	MSDM	33	20	2	6	00	00021	220	0020110	78	22	1	8	10	0.1	470	2.70	0.5	2	2	20	2.0	0.05	10	6.5
103J	787107	9	409648	6045153	MSDM	33	20	1	6	00	00021	120	0020110	60	26	1	9	8	0.1	330	3.45	0.5	1	2	20	1.0	0.02	10	6.7
103J	787108	9	406977	6044521	MSDM	33	20	1	6	00	00021	220	0020110	34	14	1	4	7	0.1	440	1.80	0.5	1	2	30	2.0	0.02	10	5.4
103J	787109	9	409532	6042693	MSDM	33	30	1	6	00	00021	220	0020110	60	26	1	8	10	0.1	460	2.75	0.5	1	2	30	2.0	0.02	10	6.8
103J	787110	9	411373	6041425	MSDM	33	20	1	6	00	00031	220	0020110	46	22	1	6	8	0.1	350	2.20	0.5	1	2	20	3.0	0.02	10	6.8
103J	787111	9	410477	6038356	MSDM	33	20	1	6	00	00021	012	0020120	42	12	2	4	3	0.1	140	1.60	0.5	2	2	50	1.0	0.02	10	5.5
103J	787112	9	412696	6036916	MSDM	33	20	1	6	10	00021	120	0020120	68	18	1	10	11	0.1	525	3.00	0.5	1	2	20	1.0	0.02	10	6.4
103J	787113	9	412696	6036916	MSDM	33	20	1	6	20	00031	120	0020120	64	18	1	9	9	0.1	440	2.65	0.5	1	4	20	2.0	0.02	10	6.6
103J	787114	9	413136	6035610	MSDM	33	50	1	6	00	00021	121	0020120	60	16	3	5	10	0.1	710	2.60	1.0	2	2	50	2.0	0.02	10	6.7
103J	787115	9	410458	6034928	MSDM	33	20	1	6	00	00031	111	0020110	26	10	3	5	4	0.1	110	1.20	4.0	2	2	20	2.0	0.02	10	4.7
103J	787116	9	410425	6034171	MSDM	33	30	5	6	00	00021	120	0020110	38	12	2	6	4	0.1	190	1.90	1.0	1	2	20	2.0	0.02	10	5.2
103J	787117	9	408811	6034245	MSDM	33	30	5	6	00	00031	220	0020110	54	28	6	8	12	0.1	580	5.30	7.0	9	2	30	4.0	0.02	10	6.0
103J	787119	9	407509	6034021	MSDM	33	20	3	6	00	00021	121	0020110	22	4	4	2	2	0.1	150	1.40	4.0	2	2	20	4.0	0.02	10	5.0
103J	787120	9	404863	6033001	MSDM	33	20	2	6	00	00036	121	0020110	22	4	5	2	2	0.3	110	0.75	1.0	1	2	10	4.0	0.05	10	5.1
103J	787122	9	404436	6030884	MSDM	33	30	4	6	00	00026	220	0020110	34	6	8	3	4	0.1	830	2.90	9.0	1	2	20	11.0	0.02	10	5.0
103J	787123	9	406869	6028619	MSDM	33	15	4	6	00	00031	012	0020120	12	10	48	4	1	0.2	50	0.80	1.0	2	2	200	1.0	0.02	10	6.5
103J	787124	9	408298	6028497	MSDM	33	20	5	6	00	00021	120	0020120	22	4	2	2	1	0.1	120	1.20	1.0	2	2	20	2.0	0.02	10	5.1
103J	787125	9	404009	6028748	MSDM	33	50	10	6	00	00026	120	0021110	24	4	3	2	2	0.1	145	1.30	3.0	1	2	30	3.0	0.02	10	5.0
103J	787126	9	404515	6026181	MSDM	33	50	10	6	00	00026	210	0021110	22	6	3	2	2	0.1	120	0.90	2.0	1	2	20	3.0	0.02	10	4.8
103J	787127	9	406781	6022793	MSDM	33	10	1	6	00	00011	111	0020110	14	4	4	9	2	0.1	40	0.45	0.5	1	2	30	2.0	0.02	10	4.6
103J	787128	9	408840	6022361	MSDM	33	20	1	6	00	00026	210	0021110	22	6	2	2	2	0.1	85	1.00	0.5	1	2	20	3.0	0.02	10	6.0
103J	787129	9	411693	6022201	MSDM	33	20	1	6	10	01021	120	0020110	42	20	1	9	14	0.1	695	2.80	0.5	1	2	30	3.0	0.02	10	6.7
103J	787130	9	411693	6022201	MSDM	33	20	1	6	20	00031	120	0020110	30	16	1	5	12	0.1	510	2.70	0.5	2	2	20	3.0	0.02	10	6.8
103J	787131	9	412950	6021338	MSDM	33	30	5	6	00	01036	220	0020110	24	6	1	3	4	0.1	230	1.00	0.5	1	2	10	2.0	0.02	10	6.5
103J	787132	9	414418	6021985	MSDM	33	10	1	6	00	00021	210	0020110	76	22	4	14	13	0.1	1100	3.30	15.0	4	2	40	2.0	0.02	10	6.3
103J	787133	9	412581	6025836	MSDM	33	20	5	6	00	00021	220	0020110	30	12	2	4	5	0.1	240	1.40	1.0	1	2	10	2.0	0.02	10	6.2
103J	787135	9	411134	6031537	MSDM	33	30	2	6	00	00036	030	0020110	38	12	2	5	4	0.1	175	1.55	1.0	1	2	20	2.0	0.02	10	5.7
103J	787136	9	417499	6026579	MSDM	33	15	1	6	00	00021	210	0020110	72	52	16	18	17	0.1	690	3.90	1.0	1	2	40	4.0	0.02	10	7.2

MAP	SAMPLE	UTM COORDINATES ZN	EAST	NORTH	ROCK TYPE	AGE	WD	DTH	SAMP	RPST	CBWRS OACAC NNOTO TKLEL	SMP CMP	PPPPTCS RRHAYLR PPYTPSC SBSTESE	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W	PH
103J	787137	9	416813	6024238	MSDM	33	20	1	6	00	02021	210	0021110	72	18	8	9	10	0.1	845	2.55	0.5	2	2	30	3.0	0.02	10	6.7
103J	787138	9	433509	6060448	GNSS	10	25	2	6	00	02021	210	1051111	30	8	2	6	6	0.1	430	2.00	0.5	1	2	40	4.0	0.02	10	7.0
103J	787139	9	427983	6056713	GNSS	10	30	3	6	00	02021	220	0051111	48	16	1	6	10	0.1	300	2.30	1.0	1	2	20	2.0	0.02	10	6.8
103J	787140	9	424491	6056746	GRNT	41	40	3	6	00	02021	030	1052111	34	6	1	4	4	0.1	160	1.60	0.5	1	2	20	2.0	0.05	10	6.5
103J	787142	9	424902	6059703	GNSS	10	35	2	6	00	02021	120	1052111	38	10	1	9	8	0.1	370	2.40	0.5	1	2	20	1.0	0.02	10	7.2
103J	787143	9	419343	6060765	GRNT	41	15	2	6	00	02036	120	0051211	56	18	1	49	14	0.1	440	2.70	0.5	1	2	20	2.0	0.02	10	7.0
103J	787144	9	421240	6059496	GRNT	41	25	3	6	00	02021	021	1051111	86	22	1	26	8	0.1	310	2.75	0.5	1	2	30	3.0	0.02	10	6.9
103J	787145	9	418492	6056684	GRNT	41	30	2	6	00	02016	220	0052221	30	4	4	4	4	0.1	160	1.50	0.5	1	2	20	2.0	0.02	10	6.3
103J	787146	9	418941	6054118	GRNT	41	45	2	6	10	02016	120	0052121	34	4	1	3	4	0.1	210	1.20	0.5	1	2	20	3.0	0.02	10	6.7
103J	787147	9	418941	6054118	GRNT	41	45	2	6	20	02016	120	0052121	36	4	1	2	4	0.1	220	1.20	0.5	1	2	30	3.0	0.02	10	6.8
103J	787149	9	423172	6052100	GRNT	41	25	2	6	00	02021	120	0051111	60	14	1	15	4	0.1	160	1.20	1.0	1	2	20	6.0	0.02	10	6.8
103J	787150	9	421878	6052996	GRNT	41	30	2	6	00	02021	120	1052121	34	4	1	2	3	0.1	165	1.40	0.5	1	2	20	4.0	0.02	10	6.9
103J	787151	9	422193	6053187	GRNT	41	35	2	6	00	02021	120	0051111	58	10	1	11	4	0.1	200	1.45	0.5	1	2	20	6.0	0.02	10	6.6
103J	787152	9	420446	6053632	GRNT	41	25	2	6	00	02011	120	1052121	36	4	1	6	3	0.1	145	1.40	0.5	2	2	10	5.0	0.02	10	6.7
103J	787153	9	420522	6053994	GRNT	41	35	2	6	00	02011	130	1051111	78	10	1	14	5	0.1	230	2.00	0.5	2	2	30	3.0	0.02	10	6.6
103J	787154	9	420952	6051753	GRNT	41	15	2	6	00	02026	120	0052221	28	4	2	2	3	0.1	145	1.00	0.5	1	2	20	2.0	0.05	10	6.7
103J	787155	9	419030	6048238	GRNT	41	25	2	6	00	02031	210	0051111	38	4	2	2	7	0.1	390	1.70	1.0	1	2	50	3.0	0.02	10	6.6
103J	787156	9	433512	6064761	GNSS	10	35	2	6	00	02021	210	1051121	36	10	1	6	6	0.1	305	2.45	0.5	1	2	20	3.0	0.02	10	6.9
103J	787157	9	433655	6065236	GNSS	10	15	1	6	00	02021	121	0052231	40	10	1	5	5	0.2	290	1.60	1.0	1	2	30	8.0	0.02	10	7.1
103J	787158	9	431543	6063156	GNSS	10	15	1	6	00	02031	220	0051241	16	4	1	3	3	0.1	120	1.30	1.0	1	2	20	5.0	0.02	10	7.0
103J	787159	9	432788	6064813	GNSS	10	25	2	6	00	02031	210	0051131	46	12	2	11	8	0.1	285	2.10	0.5	1	2	20	2.0	0.02	10	6.9
103J	787160	9	431870	6066770	GNSS	10	6	1	6	00	02021	120	1052231	32	8	1	8	5	0.1	145	1.10	0.5	1	2	20	2.0	0.02	10	6.9
103J	787162	9	432276	6066724	GNSS	10	35	2	6	00	02021	220	1051121	28	8	1	6	5	0.1	200	1.80	0.5	1	2	20	4.0	0.02	10	7.4
103J	787164	9	429483	6066686	GNSS	10	30	2	6	00	02021	210	1051131	82	24	2	16	9	0.1	290	2.10	2.0	1	2	10	2.0	0.02	10	7.4
103J	787165	9	430909	6068124	GNSS	10	30	3	6	00	02021	210	1051131	68	24	2	12	8	0.1	220	1.80	2.0	1	2	10	0.5	0.02	10	7.1
103J	787166	9	431329	6071570	GNSS	10	30	2	6	10	02021	120	1051121	32	12	2	8	5	0.1	180	2.30	0.5	1	2	20	7.0	0.02	10	7.0
103J	787167	9	431329	6071570	GNSS	10	30	2	6	20	02021	120	1051121	30	12	1	8	5	0.1	170	2.10	1.0	1	2	20	4.0	0.05	10	6.9
103J	787168	9	430811	6071122	GNSS	10	6	1	6	00	12021	111	1051221	24	8	1	8	5	0.1	230	2.50	1.0	1	2	40	8.0	0.02	10	6.8
103J	787169	9	432457	6069959	GNSS	10	10	1	6	00	02021	210	0051221	34	20	2	8	10	0.1	530	2.80	1.0	1	2	90	5.0	0.05	10	6.5
103J	787170	9	433957	6070359	GNSS	10	15	1	6	00	02021	120	0052221	22	4	1	6	2	0.1	145	1.90	1.0	1	2	30	4.0	0.05	10	7.0
103J	787171	9	416806	6035950	MSDM	33	25	2	6	00	02021	220	0051211	40	16	2	8	9	0.1	445	2.50	1.0	1	2	30	4.0	0.02	10	6.6
103J	787172	9	416295	6036856	MSDM	33	35	3	6	00	02011	210	1051111	30	10	1	5	4	0.1	270	1.50	0.5	1	2	40	3.0	0.02	10	6.7
103J	787173	9	414956	6036690	MSDM	33	40	3	6	00	02011	130	1051111	68	32	2	12	10	0.1	570	2.90	4.0	1	2	50	4.0	0.02	10	6.9
103J	787174	9	414642	6035513	MSDM	33	10	1	6	00	02021	030	0052221	48	14	1	4	10	0.2	200	2.40	1.0	1	2	60	3.0	0.02	10	6.7
103J	787175	9	413992	6033043	MSDM	33	25	1	6	00	02121	220	0051111	40	10	1	7	4	0.1	120	1.95	1.0	1	2	20	2.0	0.02	10	5.2
103J	787176	9	416353	6031054	MSDM	33	15	1	6	00	02021	220	0051111	32	14	1	4	8	0.1	230	1.90	1.0	1	2	20	2.0	0.02	10	5.4
103J	787177	9	416510	6029193	MSDM	33	10	1	6	00	02021	130	0052211	74	28	10	8	11	0.1	550	2.80	2.0	1	2	40	3.0	0.02	10	7.0
103J	787178	9	417555	6029626	MSDM	33	6	1	6	00	02021	220	0052211	24	10	1	4	6	0.1	230	1.40	0.5	1	2	20	2.0	0.05	10	5.6
103J	787179	9	423146	6031012	MSDM	33	30	2	6	00	02021	220	0052111	30	12	2	6	6	0.1	270	1.95	0.5	1	2	30	3.0	0.02	10	6.1
103J	787180	9	422195	6030495	MSDM	33	6	1	6	00	02021	220	1052221	60	26	2	10	9	0.1	400	2.50	0.5	2	2	30	4.0	0.10	10	6.7
103J	787182	9	423015	6027700	MSDM	33	35	2	6	00	02021	120	1051121	38	18	1	8	8	0.1	245	1.70	0.5	1	2	20	3.0	0.02	10	7.2
103J	787183	9	419730	6028581	MSDM	33	35	3	6	10	12021	220	0051111	20	14	1	4	4	0.1	130	1.10	0.5	1	2	20	3.0	0.05	10	7.2
103J	787184	9	419730	6028581	MSDM	33	35	3	6	20	12021	220	0051111	22	12	1	4	5	0.1	140	1.20	0.5	1	2	10	4.0	0.05	10	7.2
103J	787185	9	426576	6022431	MSDM	33	20	2	6	00	02021	220	0051111	18	20	2	8	5	0.1	140	1.25	0.5	2	2	10	8.0	0.02	10	7.4
103J	787186	9	423261	6022046	MSDM	33	20	2	6	00	02021	220	0052121	58	18	2	8	10	0.1	500	2.50	2.0	1	2	40	4.0	0.02	10	7.3
103J	787187	9	423639	6023222	MSDM	33	6	1	6	00	02021	220	0052221	64	48	1	22	14	0.1	370	2.90	3.0	1	2	160	2.0	0.05	10	7.5
103J	787188	9	421497	6024350	MSDM	33	25	2	6	00	02026	120	0051121	28	20	1	10	7	0.1	255	1.40	0.5	1	2	20	2.0	0.02	10	6.9
103J	787189	9	419416	6021856	MSDM	33	6	1	6	00	02011	121	0051221	14	2	2	2	3	0.2	390	1.00	0.5	1	2	20	2.0	0.02	10	5.9
103J	787191	9	419393	6017842	MSDM	33	35	2	6	00	02021	220	0051111	50	16	1	7	9	0.1	330	2.10	0.5	1	2	20	3.0	0.02	10	6.9
103J	787192	9	422154	6018211	MSDM	33	20	2	6	00	01021	120	0051111	42	12	3	12	6	0.1	190	1.80	0.5	1	2	40	7.0	0.02	10	7.3

MAP	SAMPLE	UTM COORDINATES 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	AS	MO	W	HG	U	U-W	F-W	PH
103J	787193	9	426725	6016359	MSDM	33	30	3	6	00	02021	220	1051111	32	20	1	16	10	0.1	340	1.80	0.5	1	2	30	7.0	0.02	10	7.5
103J	787194	9	426177	6016649	MSDM	33	25	3	6	00	02021	220	1052121	22	10	1	10	6	0.1	225	1.15	0.5	1	2	20	5.0	0.02	10	7.4
103J	787195	9	422280	6014354	MSDM	33	15	2	6	00	02026	220	0052211	20	12	2	4	6	0.1	205	1.25	0.5	1	2	20	4.0	0.02	10	7.2

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
ZN SMSM	PPM	TOTAL

HISTOGRAM

```
          **         *         *         *         *         *
           I                                                   *
 100 PPB  *                                                    *
                                                               *
 200 PPB  *                                                    *
                                                               *
 500 PPB  *                                                    *
                                                               *
   1 PPM  *                                                    *
                                                               *
   2 PPM  *                                                    *
           I                                                   *
   5 PPM  *                                                    *
           I                                                   *
  10 PPM  *                                                    *
           XXXX                                                *
  20 PPM  *                                                    *
           XXXXXXXXXXXXXXXXXXXXXXXX                            *
  50 PPM  *                                                    *
           XXXXXXXXXXXXXXXXX                                   *
 100 PPM  *                                                    *
           XXXX                                                *
 200 PPM  *                                                    *
           I                                                   *
 500 PPM  *                                                    *
           I                                                   *
1000 PPM  *                                                    *
                                                               *
2000 PPM  *                                                    *
                                                               *
5000 PPM  *                                                    *
                                                               *
          **         *         *         *         *         *
           0        20        40        60        80       100
```

PERCENT

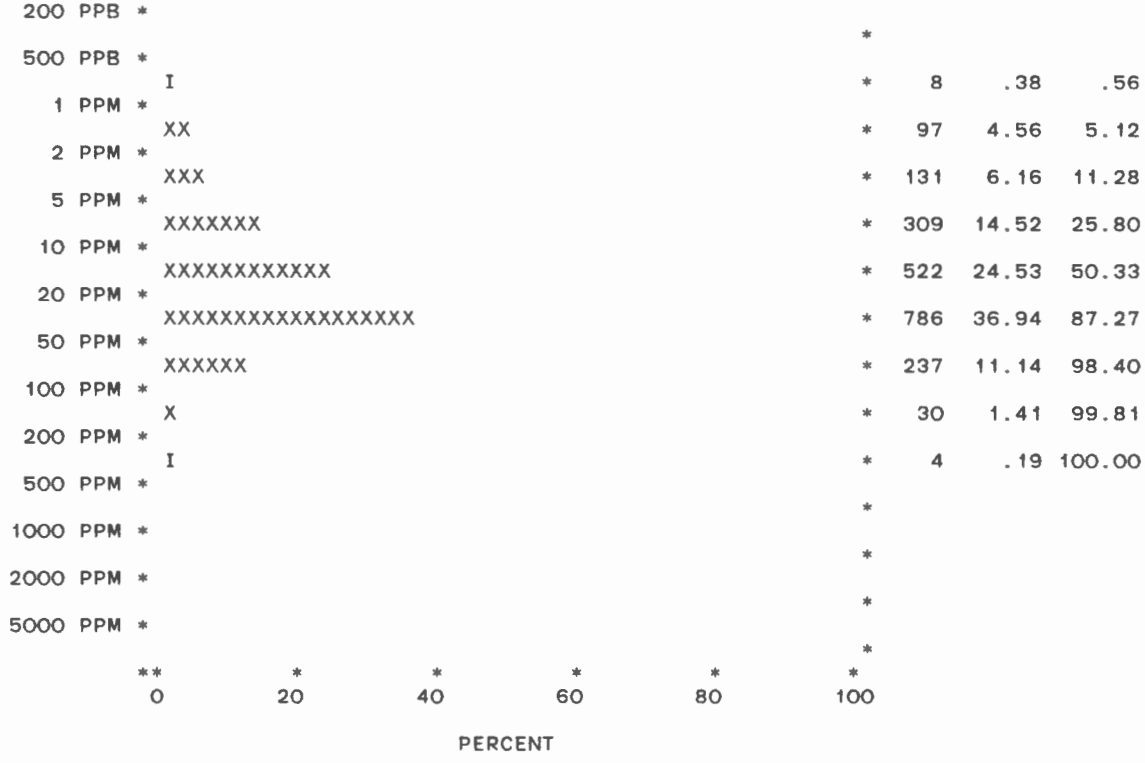
	N	%	CUM %
I	4	.19	.19
I	3	.14	.33
I	13	.61	.94
XXXX	151	7.10	8.04
XXXXXXXXXXXXXXXXXXXXXXXX	1063	49.95	57.99
XXXXXXXXXXXXXXXXX	729	34.26	92.25
XXXX	149	7.00	99.25
I	15	.70	99.95
I	1	.05	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	54.7481
VARIANCE	1480.5606
STANDARD DEVIATION	38.4781
SKEW	4.5208
EXCESS KURTOSIS	52.9000
COEFFICIENT OF VARIANCE, %	70.2820
STANDARD ERROR OF THE MEAN	.8349
LOWER 95% LIMIT ON THE MEAN	53.1101
UPPER 95% LIMIT ON THE MEAN	56.3861
LOWER 95% LIMIT ON THE RANGE	-20.7410
UPPER 95% LIMIT ON THE RANGE	130.2373
GEOMETRIC MEAN	45.9425
LOG10 MEAN	1.6622
LOG10 VARIANCE	.0648
LOG10 STANDARD DEVIATION	.2545
STANDARD ERROR ON THE MEAN	.0055
LOWER 95% LIMIT ON THE MEAN	44.8106
UPPER 95% LIMIT ON THE MEAN	47.1029
LOWER 95% LIMIT ON THE RANGE	14.5528
UPPER 95% LIMIT ON THE RANGE	145.0379
MINIMUM VALUE	4.0000
25TH PERCENTILE OR 1ST QUARTILE	32.0000
50TH PERCENTILE OR MEDIAN	44.0000
75TH PERCENTILE OR 3RD QUARTILE	68.0000
80TH PERCENTILE	76.0000
90TH PERCENTILE	94.0000
95TH PERCENTILE	120.0000
98TH PERCENTILE	152.0000
99TH PERCENTILE	194.0000
MAXIMUM VALUE	735.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CU SMSM	PPM	TOTAL

HISTOGRAM



	N	%	CUM %
10 PPB	4	.19	.19
1 PPM	8	.38	.56
2 PPM	97	4.56	5.12
5 PPM	131	6.16	11.28
10 PPM	309	14.52	25.80
20 PPM	522	24.53	50.33
50 PPM	786	36.94	87.27
100 PPM	237	11.14	98.40
200 PPM	30	1.41	99.81
500 PPM	4	.19	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	27.2938
VARIANCE	672.6202
STANDARD DEVIATION	25.9349
SKEW	3.7139
EXCESS KURTOSIS	32.8212
COEFFICIENT OF VARIANCE, %	95.0213
STANDARD ERROR OF THE MEAN	.5627
LOWER 95% LIMIT ON THE MEAN	26.1898
UPPER 95% LIMIT ON THE MEAN	28.3978
LOWER 95% LIMIT ON THE RANGE	-23.5873
UPPER 95% LIMIT ON THE RANGE	78.1749
GEOMETRIC MEAN	18.4134
LOG10 MEAN	1.2651
LOG10 VARIANCE	.1729
LOG10 STANDARD DEVIATION	.4158
STANDARD ERROR ON THE MEAN	.0090
LOWER 95% LIMIT ON THE MEAN	17.6779
UPPER 95% LIMIT ON THE MEAN	19.1794
LOWER 95% LIMIT ON THE RANGE	2.8138
UPPER 95% LIMIT ON THE RANGE	120.4954
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	10.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	36.0000
80TH PERCENTILE	42.0000
90TH PERCENTILE	56.0000
95TH PERCENTILE	72.0000
98TH PERCENTILE	94.0000
99TH PERCENTILE	120.0000
MAXIMUM VALUE	420.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
PB SMSM	PPM	TOTAL

HISTOGRAM

	N	%	CUM %
	4	.19	.19
	996	46.80	46.99
	494	23.21	70.21
	304	14.29	84.49
	222	10.43	94.92
	70	3.29	98.21
	32	1.50	99.72
	5	.23	99.95
	1	.05	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	3.4134
VARIANCE	37.8611
STANDARD DEVIATION	6.1531
SKEW	7.9802
EXCESS KURTOSIS	98.4487
COEFFICIENT OF VARIANCE, %	180.2656
STANDARD ERROR OF THE MEAN	.1335
LOWER 95% LIMIT ON THE MEAN	3.1514
UPPER 95% LIMIT ON THE MEAN	3.6753
LOWER 95% LIMIT ON THE RANGE	-8.6583
UPPER 95% LIMIT ON THE RANGE	15.4851
GEOMETRIC MEAN	2.0370
LOG10 MEAN	.3090
LOG10 VARIANCE	.1400
LOG10 STANDARD DEVIATION	.3741
STANDARD ERROR ON THE MEAN	.0081
LOWER 95% LIMIT ON THE MEAN	1.9636
UPPER 95% LIMIT ON THE MEAN	2.1131
LOWER 95% LIMIT ON THE RANGE	.3758
UPPER 95% LIMIT ON THE RANGE	11.0399
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	2.0000
75TH PERCENTILE OR 3RD QUARTILE	4.0000
80TH PERCENTILE	4.0000
90TH PERCENTILE	8.0000
95TH PERCENTILE	11.0000
98TH PERCENTILE	19.0000
99TH PERCENTILE	30.0000
MAXIMUM VALUE	114.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
NI SMSM	PPM	TOTAL

HISTOGRAM

```
        **         *         *         *         *         *
         I                                                   *
 10 PPB *                                                    *
                                                             *
 20 PPB *
                                                             *
 50 PPB *                                                    *
                                                             *
100 PPB *                                                    *
                                                             *
200 PPB *                                                    *
                                                             *
500 PPB *
         XX                                                  *
  1 PPM *
         XXXXX                                               *
  2 PPM *
         XXXXXXXX                                            *
  5 PPM *
         XXXXXXXXXXXXXXX                                     *
 10 PPM *
         XXXXXXXXXXXXXX                                      *
 20 PPM *
         XXXXXX                                              *
 50 PPM *
         I                                                   *
100 PPM *
         I                                                   *
200 PPM *
                                                             *
500 PPM *                                                    *
                                                             *
1000 PPM *
                                                             *
2000 PPM *
                                                             *
5000 PPM *                                                   *
        **         *         *         *         *         *
         0        20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
10 PPB	4	.19	.19
100 PPM	12	.56	99.91
200 PPM	2	.09	100.00
1 PPM	99	4.65	4.84
2 PPM	196	9.21	14.05
5 PPM	347	16.31	30.36
10 PPM	650	30.55	60.90
20 PPM	576	27.07	87.97
50 PPM	242	11.37	99.34

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	10.9350
VARIANCE	99.3203
STANDARD DEVIATION	9.9660
SKEW	3.2333
EXCESS KURTOSIS	20.8395
COEFFICIENT OF VARIANCE, %	91.1379
STANDARD ERROR OF THE MEAN	.2162
LOWER 95% LIMIT ON THE MEAN	10.5108
UPPER 95% LIMIT ON THE MEAN	11.3593
LOWER 95% LIMIT ON THE RANGE	-8.6169
UPPER 95% LIMIT ON THE RANGE	30.4870
GEOMETRIC MEAN	7.6922
LOG10 MEAN	.8860
LOG10 VARIANCE	.1482
LOG10 STANDARD DEVIATION	.3850
STANDARD ERROR ON THE MEAN	.0084
LOWER 95% LIMIT ON THE MEAN	7.4073
UPPER 95% LIMIT ON THE MEAN	7.9880
LOWER 95% LIMIT ON THE RANGE	1.3512
UPPER 95% LIMIT ON THE RANGE	43.7901
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	4.0000
50TH PERCENTILE OR MEDIAN	9.0000
75TH PERCENTILE OR 3RD QUARTILE	14.0000
80TH PERCENTILE	16.0000
90TH PERCENTILE	22.0000
95TH PERCENTILE	28.0000
98TH PERCENTILE	38.0000
99TH PERCENTILE	46.0000
MAXIMUM VALUE	126.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CO SMSM	PPM	TOTAL

HISTOGRAM

```
          **        *         *         *         *         *
           I                                                  *
  10 PPB  *                                                   *
                                                              *
  20 PPB  *
                                                              *
  50 PPB  *                                                   *
                                                              *
 100 PPB  *
                                                              *
 200 PPB  *
                                                              *
 500 PPB  *
           I                                                  *
   1 PPM  *
           XX                                                 *
   2 PPM  *
           XXXXXXXXXX                                         *
   5 PPM  *
           XXXXXXXXXXXXXXXXXXXXX                              *
  10 PPM  *
           XXXXXXXXXXXXXX                                     *
  20 PPM  *
           X                                                  *
  50 PPM  *
                                                              *
 100 PPM  *
           I                                                  *
 200 PPM  *
                                                              *
 500 PPM  *
                                                              *
1000 PPM  *
                                                              *
2000 PPM  *
                                                              *
5000 PPM  *
                                                              *
          **        *         *         *         *         *
           0        20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
10 PPB	4	.19	.19
1 PPM	19	.89	1.08
2 PPM	99	4.65	5.73
5 PPM	433	20.35	26.08
10 PPM	921	43.28	69.36
20 PPM	591	27.77	97.13
50 PPM	60	2.82	99.95
200 PPM	1	.05	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	9.0306
VARIANCE	34.4272
STANDARD DEVIATION	5.8675
SKEW	6.2851
EXCESS KURTOSIS	124.7333
COEFFICIENT OF VARIANCE, %	64.9732
STANDARD ERROR OF THE MEAN	.1273
LOWER 95% LIMIT ON THE MEAN	8.7808
UPPER 95% LIMIT ON THE MEAN	9.2804
LOWER 95% LIMIT ON THE RANGE	-2.4806
UPPER 95% LIMIT ON THE RANGE	20.5419
GEOMETRIC MEAN	7.5864
LOG10 MEAN	.8800
LOG10 VARIANCE	.0713
LOG10 STANDARD DEVIATION	.2670
STANDARD ERROR ON THE MEAN	.0058
LOWER 95% LIMIT ON THE MEAN	7.3904
UPPER 95% LIMIT ON THE MEAN	7.7876
LOWER 95% LIMIT ON THE RANGE	2.2706
UPPER 95% LIMIT ON THE RANGE	25.3469
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	5.0000
50TH PERCENTILE OR MEDIAN	8.0000
75TH PERCENTILE OR 3RD QUARTILE	12.0000
80TH PERCENTILE	13.0000
90TH PERCENTILE	16.0000
95TH PERCENTILE	18.0000
98TH PERCENTILE	22.0000
99TH PERCENTILE	24.0000
MAXIMUM VALUE	142.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG SMSM	PPM	TOTAL

HISTOGRAM

```
        **        *        *        *        *        *
         I                                          *
  1 PPB *                                           *
                                                    *
  2 PPB *
                                                    *
  5 PPB *                                           *
                                                    *
 10 PPB *                                           *
                                                    *
 20 PPB *
                                                    *
 50 PPB *
         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX *
100 PPB *
         XXXXXXX                                    *
200 PPB *
         X                                          *
500 PPB *
         I                                          *
  1 PPM *
         I                                          *
  2 PPM *
         I                                          *
  5 PPM *
                                                    *
 10 PPM *
                                                    *
 20 PPM *
                                                    *
 50 PPM *
                                                    *
        **        *        *        *        *        *
         0       20       40       60       80      100
```

PERCENT

	N	%	CUM %
I	4	.19	.19
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1780	83.65	83.83
XXXXXXX	294	13.82	97.65
X	39	1.83	99.48
I	9	.42	99.91
I	1	.05	99.95
I	1	.05	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	.1231
VARIANCE	.0082
STANDARD DEVIATION	.0907
SKEW	15.8472
EXCESS KURTOSIS	397.8088
COEFFICIENT OF VARIANCE, %	73.6913
STANDARD ERROR OF THE MEAN	.0020
LOWER 95% LIMIT ON THE MEAN	.1193
UPPER 95% LIMIT ON THE MEAN	.1270
LOWER 95% LIMIT ON THE RANGE	-.0549
UPPER 95% LIMIT ON THE RANGE	.3011
GEOMETRIC MEAN	.1139
LOG10 MEAN	-.9434
LOG10 VARIANCE	.0197
LOG10 STANDARD DEVIATION	.1402
STANDARD ERROR ON THE MEAN	.0030
LOWER 95% LIMIT ON THE MEAN	.1124
UPPER 95% LIMIT ON THE MEAN	.1155
LOWER 95% LIMIT ON THE RANGE	.0605
UPPER 95% LIMIT ON THE RANGE	.2146
MINIMUM VALUE	.1000
25TH PERCENTILE OR 1ST QUARTILE	.1000
50TH PERCENTILE OR MEDIAN	.1000
75TH PERCENTILE OR 3RD QUARTILE	.1000
80TH PERCENTILE	.1000
90TH PERCENTILE	.2000
95TH PERCENTILE	.2000
98TH PERCENTILE	.3000
99TH PERCENTILE	.4000
MAXIMUM VALUE	2.8000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MN SMSM	PPM	TOTAL

HISTOGRAM

```
          **        *         *         *         *         *
           I                                                  *
   1 PPM  *                                                   *
                                                              *
   2 PPM  *                                                   *
                                                              *
   5 PPM  *                                                   *
                                                              *
  10 PPM  *                                                   *
           I                                                  *
  20 PPM  *                                                   *
           I                                                  *
  50 PPM  *                                                   *
           XX                                                 *
 100 PPM  *                                                   *
           XXXXXXXXXX                                         *
 200 PPM  *                                                   *
           XXXXXXXXXXXXXXXXXXXXX                              *
 500 PPM  *                                                   *
           XXXXXXXXXXXX                                       *
1000 PPM  *                                                   *
           XXXX                                               *
2000 PPM  *                                                   *
           I                                                  *
5000 PPM  *                                                   *
                                                              *
   1 PCT  *                                                   *
           I                                                  *
   2 PCT  *                                                   *
                                                              *
   5 PCT  *                                                   *
                                                              *
  10 PCT  *                                                   *
                                                              *
  20 PCT  *                                                   *
                                                              *
  50 PCT  *                                                   *
                                                              *
          **        *         *         *         *         *
           0       20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
I	4	.19	.19
I	1	.05	.23
I	10	.47	.70
XX	64	3.01	3.71
XXXXXXXXXX	417	19.60	23.31
XXXXXXXXXXXXXXXXXXXXX	935	43.94	67.25
XXXXXXXXXXXX	527	24.77	92.01
XXXX	151	7.10	99.11
I	17	.80	99.91
I	2	.09	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	492.0650
VARIANCE	**********
STANDARD DEVIATION	605.9294
SKEW	13.9113
EXCESS KURTOSIS	337.0351
COEFFICIENT OF VARIANCE, %	123.1401
STANDARD ERROR OF THE MEAN	13.1475
LOWER 95% LIMIT ON THE MEAN	466.2711
UPPER 95% LIMIT ON THE MEAN	517.8588
LOWER 95% LIMIT ON THE RANGE	-696.6929
UPPER 95% LIMIT ON THE RANGE	1680.8228
GEOMETRIC MEAN	361.3735
LOG10 MEAN	2.5580
LOG10 VARIANCE	.1076
LOG10 STANDARD DEVIATION	.3281
STANDARD ERROR ON THE MEAN	.0071
LOWER 95% LIMIT ON THE MEAN	349.9376
UPPER 95% LIMIT ON THE MEAN	373.1832
LOWER 95% LIMIT ON THE RANGE	82.0955
UPPER 95% LIMIT ON THE RANGE	1590.7193
MINIMUM VALUE	20.0000
25TH PERCENTILE OR 1ST QUARTILE	210.0000
50TH PERCENTILE OR MEDIAN	345.0000
75TH PERCENTILE OR 3RD QUARTILE	620.0000
80TH PERCENTILE	710.0000
90TH PERCENTILE	970.0000
95TH PERCENTILE	1250.0000
98TH PERCENTILE	1700.0000
99TH PERCENTILE	1950.0000
MAXIMUM VALUE	17500.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
FE SMSM	PCT	TOTAL

HISTOGRAM

```
                                                          N     %   CUM %
        **         *         *         *         *         *
          I                                                 *    4    .19    .19
 100 PPM *                                                  *
                                                            *
 200 PPM *
                                                            *
 500 PPM *                                                  *
                                                            *
1000 PPM *
          I                                                 *    1    .05    .23
2000 PPM *
          I                                                 *   10    .47    .70
5000 PPM *
          XXXX                                              *  164   7.71   8.41
   1 PCT *
          XXXXXXXXXXXXXXXXXXXXXX                            *  981  46.10  54.51
   2 PCT *
          XXXXXXXXXXXXXXXXXXXXX                             *  955  44.88  99.39
   5 PCT *
          I                                                 *   12    .56  99.95
  10 PCT *
          I                                                 *    1    .05 100.00
  20 PCT *
                                                            *
  50 PCT *
                                                            *
        **         *         *         *         *         *
         0        20        40        60        80       100
                              PERCENT
```

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	2.1156
VARIANCE	.8840
STANDARD DEVIATION	.9402
SKEW	1.2890
EXCESS KURTOSIS	4.7896
COEFFICIENT OF VARIANCE, %	44.4427
STANDARD ERROR OF THE MEAN	.0204
LOWER 95% LIMIT ON THE MEAN	2.0756
UPPER 95% LIMIT ON THE MEAN	2.1556
LOWER 95% LIMIT ON THE RANGE	.2710
UPPER 95% LIMIT ON THE RANGE	3.9602
GEOMETRIC MEAN	1.9222
LOG10 MEAN	.2838
LOG10 VARIANCE	.0376
LOG10 STANDARD DEVIATION	.1939
STANDARD ERROR ON THE MEAN	.0042
LOWER 95% LIMIT ON THE MEAN	1.8860
UPPER 95% LIMIT ON THE MEAN	1.9591
LOWER 95% LIMIT ON THE RANGE	.8006
UPPER 95% LIMIT ON THE RANGE	4.6155
MINIMUM VALUE	.2000
25TH PERCENTILE OR 1ST QUARTILE	1.4500
50TH PERCENTILE OR MEDIAN	1.9500
75TH PERCENTILE OR 3RD QUARTILE	2.6000
80TH PERCENTILE	2.8000
90TH PERCENTILE	3.4000
95TH PERCENTILE	3.9000
98TH PERCENTILE	4.4000
99TH PERCENTILE	4.8000
MAXIMUM VALUE	11.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AS SMSM	PPM	TOTAL

HISTOGRAM

```
          **        *         *         *         *         *
           I                                                  *
  10 PPB  *                                                   *
                                                              *
  20 PPB  *                                                   *
                                                              *
  50 PPB  *                                                   *
                                                              *
 100 PPB  *                                                   *
                                                              *
 200 PPB  *
           XXXXXXXXXXXXXXXXXXXXXXXXXXXX                       *
 500 PPB  *
           XXXXXXXX                                           *
   1 PPM  *
           XXXX                                               *
   2 PPM  *
           XXXX                                               *
   5 PPM  *
           XX                                                 *
  10 PPM  *
           XX                                                 *
  20 PPM  *
           X                                                  *
  50 PPM  *
           I                                                  *
 100 PPM  *
           I                                                  *
 200 PPM  *
                                                              *
 500 PPM  *                                                   *
                                                              *
1000 PPM  *                                                   *
                                                              *
2000 PPM  *                                                   *
                                                              *
5000 PPM  *                                                   *
          **        *         *         *         *         *
           0       20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
I	4	.19	.19
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	1239	58.22	58.41
XXXXXXXX	336	15.79	74.20
XXXX	168	7.89	82.10
XXXX	151	7.10	89.19
XX	95	4.46	93.66
XX	81	3.81	97.46
X	43	2.02	99.48
I	9	.42	99.91
I	2	.09	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	2.7380
VARIANCE	55.5219
STANDARD DEVIATION	7.4513
SKEW	7.7309
EXCESS KURTOSIS	84.5921
COEFFICIENT OF VARIANCE, %	272.1445
STANDARD ERROR OF THE MEAN	.1617
LOWER 95% LIMIT ON THE MEAN	2.4208
UPPER 95% LIMIT ON THE MEAN	3.0552
LOWER 95% LIMIT ON THE RANGE	-11.8805
UPPER 95% LIMIT ON THE RANGE	17.3565
GEOMETRIC MEAN	1.0231
LOG10 MEAN	.0099
LOG10 VARIANCE	.2287
LOG10 STANDARD DEVIATION	.4782
STANDARD ERROR ON THE MEAN	.0104
LOWER 95% LIMIT ON THE MEAN	.9762
UPPER 95% LIMIT ON THE MEAN	1.0722
LOWER 95% LIMIT ON THE RANGE	.1180
UPPER 95% LIMIT ON THE RANGE	8.8737
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	.5000
50TH PERCENTILE OR MEDIAN	.5000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	6.0000
95TH PERCENTILE	12.0000
98TH PERCENTILE	24.0000
99TH PERCENTILE	34.0000
MAXIMUM VALUE	120.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
MO SMSM	PPM	TOTAL

HISTOGRAM

```
          **        *         *         *         *         *
           I                                                  *
  10 PPB  *                                                   *
                                                              *
  20 PPB  *                                                   *
                                                              *
  50 PPB  *                                                   *
                                                              *
 100 PPB  *                                                   *
                                                              *
 200 PPB  *                                                   *
                                                              *
 500 PPB  *
           XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX               *
   1 PPM  *
           XXXXXXXXX                                          *
   2 PPM  *
           XXXX                                               *
   5 PPM  *
           X                                                  *
  10 PPM  *
           I                                                  *
  20 PPM  *
           I                                                  *
  50 PPM  *
           I                                                  *
 100 PPM  *
           I                                                  *
 200 PPM  *
                                                              *
 500 PPM  *                                                   *
                                                              *
1000 PPM  *                                                   *
                                                              *
2000 PPM  *                                                   *
                                                              *
5000 PPM  *                                                   *
          **        *         *         *         *         *
           0       20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
NUMBER OF ZERO VALUE SAMPLES	4	.19	.19
STANDARD ERROR OF THE MEAN	1527	71.76	71.95
LOWER 95% LIMIT ON THE MEAN	389	18.28	90.23
UPPER 95% LIMIT ON THE MEAN	167	7.85	98.07
LOWER 95% LIMIT ON THE RANGE	26	1.22	99.30
UPPER 95% LIMIT ON THE RANGE	8	.38	99.67
LOG10 MEAN	4	.19	99.86
LOG10 VARIANCE	2	.09	99.95
LOG10 STANDARD DEVIATION	1	.05	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	1.6794
VARIANCE	13.0978
STANDARD DEVIATION	3.6191
SKEW	21.4495
EXCESS KURTOSIS	600.1171
COEFFICIENT OF VARIANCE, %	215.5017
STANDARD ERROR OF THE MEAN	.0785
LOWER 95% LIMIT ON THE MEAN	1.5253
UPPER 95% LIMIT ON THE MEAN	1.8334
LOWER 95% LIMIT ON THE RANGE	-5.4208
UPPER 95% LIMIT ON THE RANGE	8.7796
GEOMETRIC MEAN	1.3128
LOG10 MEAN	.1182
LOG10 VARIANCE	.0496
LOG10 STANDARD DEVIATION	.2227
STANDARD ERROR ON THE MEAN	.0048
LOWER 95% LIMIT ON THE MEAN	1.2844
UPPER 95% LIMIT ON THE MEAN	1.3417
LOWER 95% LIMIT ON THE RANGE	.4800
UPPER 95% LIMIT ON THE RANGE	3.5904
MINIMUM VALUE	1.0000
25TH PERCENTILE OR 1ST QUARTILE	1.0000
50TH PERCENTILE OR MEDIAN	1.0000
75TH PERCENTILE OR 3RD QUARTILE	2.0000
80TH PERCENTILE	2.0000
90TH PERCENTILE	2.0000
95TH PERCENTILE	4.0000
98TH PERCENTILE	5.0000
99TH PERCENTILE	8.0000
MAXIMUM VALUE	120.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
W SMSM	PPM	TOTAL

HISTOGRAM

```
           **     *     *     *     *     *          N      %   CUM %
             I                                  *    4    .19    .19
 100 PPB *
                                                *
 200 PPB *
                                                *
 500 PPB *
                                                *
   1 PPM *
             XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    * 1923  90.37  90.55
   2 PPM *
             XX                                 *   79   3.71  94.27
   5 PPM *
             X                                  *   56   2.63  96.90
  10 PPM *
             X                                  *   47   2.21  99.11
  20 PPM *
             I                                  *   16    .75  99.86
  50 PPM *
             I                                  *    3    .14 100.00
 100 PPM *
                                                *
 200 PPM *
                                                *
 500 PPM *
                                                *
           **     *     *     *     *     *
            0    20    40    60    80   100

                      PERCENT
```

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	2.8051
VARIANCE	16.9502
STANDARD DEVIATION	4.1171
SKEW	9.8760
EXCESS KURTOSIS	132.6929
COEFFICIENT OF VARIANCE, %	146.7715
STANDARD ERROR OF THE MEAN	.0893
LOWER 95% LIMIT ON THE MEAN	2.6298
UPPER 95% LIMIT ON THE MEAN	2.9803
LOWER 95% LIMIT ON THE RANGE	-5.2721
UPPER 95% LIMIT ON THE RANGE	10.8822
GEOMETRIC MEAN	2.2780
LOG10 MEAN	.3576
LOG10 VARIANCE	.0389
LOG10 STANDARD DEVIATION	.1971
STANDARD ERROR ON THE MEAN	.0043
LOWER 95% LIMIT ON THE MEAN	2.2344
UPPER 95% LIMIT ON THE MEAN	2.3224
LOWER 95% LIMIT ON THE RANGE	.9351
UPPER 95% LIMIT ON THE RANGE	5.5495
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	6.0000
98TH PERCENTILE	14.0000
99TH PERCENTILE	19.0000
MAXIMUM VALUE	75.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
HG SMSM	PPB	TOTAL

HISTOGRAM

```
                                                                  N     %   CUM %
        **         *         *         *         *         *
         I                                                  *    4   .19     .19
100 PPT *                                                   *
                                                            *
200 PPT *                                                   *
                                                            *
500 PPT *                                                   *
                                                            *
  1 PPB *                                                   *
                                                            *
  2 PPB *
         X                                                  *   30  1.41    1.60
  5 PPB *
         XXXXXXXXXXXXXXXX                                   *  670 31.48   33.08
 10 PPB *
         XXXXXXXXXXXXXX                                     *  578 27.16   60.24
 20 PPB *
         XXXXXXXXXXXXXX                                     *  612 28.76   89.00
 50 PPB *
         XXXXX                                              *  200  9.40   98.40
100 PPB *
         X                                                  *   24  1.13   99.53
200 PPB *
         I                                                  *    6   .28   99.81
500 PPB *
         I                                                  *    4   .19  100.00
  1 PPM *
                                                            *
  2 PPM *
                                                            *
  5 PPM *
                                                            *
        **         *         *         *         *         *
         0        20        40        60        80       100
```

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	29.6045
VARIANCE	1478.2467
STANDARD DEVIATION	38.4480
SKEW	10.5971
EXCESS KURTOSIS	167.3430
COEFFICIENT OF VARIANCE, %	129.8720
STANDARD ERROR OF THE MEAN	.8342
LOWER 95% LIMIT ON THE MEAN	27.9678
UPPER 95% LIMIT ON THE MEAN	31.2412
LOWER 95% LIMIT ON THE RANGE	-45.8256
UPPER 95% LIMIT ON THE RANGE	105.0346
GEOMETRIC MEAN	21.8087
LOG10 MEAN	1.3386
LOG10 VARIANCE	.0979
LOG10 STANDARD DEVIATION	.3128
STANDARD ERROR ON THE MEAN	.0068
LOWER 95% LIMIT ON THE MEAN	21.1501
UPPER 95% LIMIT ON THE MEAN	22.4878
LOWER 95% LIMIT ON THE RANGE	5.3072
UPPER 95% LIMIT ON THE RANGE	89.6176
MINIMUM VALUE	5.0000
25TH PERCENTILE OR 1ST QUARTILE	10.0000
50TH PERCENTILE OR MEDIAN	20.0000
75TH PERCENTILE OR 3RD QUARTILE	40.0000
80TH PERCENTILE	40.0000
90TH PERCENTILE	60.0000
95TH PERCENTILE	70.0000
98TH PERCENTILE	100.0000
99TH PERCENTILE	130.0000
MAXIMUM VALUE	730.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
U SMSM	PPM	TOTAL

HISTOGRAM

```
          **         *         *         *         *         *
           I                                                   *
  10 PPB  *                                                    *
                                                               *
  20 PPB  *                                                    *
                                                               *
  50 PPB  *                                                    *
                                                               *
 100 PPB  *                                                    *
                                                               *
 200 PPB  *
           X                                                   *
 500 PPB  *
           XXXXXXXX                                            *
   1 PPM  *
           XXXXXXXXXXX                                         *
   2 PPM  *
           XXXXXXXXXXXXXXXXXXX                                 *
   5 PPM  *
           XXXXXXX                                             *
  10 PPM  *
           XX                                                  *
  20 PPM  *
           X                                                   *
  50 PPM  *
           I                                                   *
 100 PPM  *
           I                                                   *
 200 PPM  *
                                                               *
 500 PPM  *                                                    *
                                                               *
1000 PPM  *
                                                               *
2000 PPM  *
                                                               *
5000 PPM  *                                                    *
                                                               *
          **         *         *         *         *         *
           0        20        40        60        80       100
                              PERCENT
```

	N	%	CUM %
I	4	.19	.19
X	38	1.79	1.97
XXXXXXXX	353	16.59	18.56
XXXXXXXXXXX	468	21.99	40.55
XXXXXXXXXXXXXXXXXXX	816	38.35	78.90
XXXXXXX	313	14.71	93.61
XX	97	4.56	98.17
X	36	1.69	99.86
I	1	.05	99.91
I	2	.09	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	4
NUMBER OF NON-ZERO SAMPLES	2124
ARITHMETIC MEAN	4.3989
VARIANCE	34.0507
STANDARD DEVIATION	5.8353
SKEW	9.1590
EXCESS KURTOSIS	147.8355
COEFFICIENT OF VARIANCE, %	132.6530
STANDARD ERROR OF THE MEAN	.1266
LOWER 95% LIMIT ON THE MEAN	4.1505
UPPER 95% LIMIT ON THE MEAN	4.6473
LOWER 95% LIMIT ON THE RANGE	-7.0492
UPPER 95% LIMIT ON THE RANGE	15.8470
GEOMETRIC MEAN	3.0444
LOG10 MEAN	.4835
LOG10 VARIANCE	.1237
LOG10 STANDARD DEVIATION	.3517
STANDARD ERROR ON THE MEAN	.0076
LOWER 95% LIMIT ON THE MEAN	2.9413
UPPER 95% LIMIT ON THE MEAN	3.1512
LOWER 95% LIMIT ON THE RANGE	.6217
UPPER 95% LIMIT ON THE RANGE	14.9087
MINIMUM VALUE	.5000
25TH PERCENTILE OR 1ST QUARTILE	2.0000
50TH PERCENTILE OR MEDIAN	3.0000
75TH PERCENTILE OR 3RD QUARTILE	5.0000
80TH PERCENTILE	6.0000
90TH PERCENTILE	9.0000
95TH PERCENTILE	12.0000
98TH PERCENTILE	19.0000
99TH PERCENTILE	27.0000
MAXIMUM VALUE	125.0000

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

HISTOGRAM

```
        **         *         *         *         *         *
         I                                                   *
  1 PPT *                                                    *
                                                             *
  2 PPT *
                                                             *
  5 PPT *                                                    *
                                                             *
 10 PPT *
         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                       *
 20 PPT *
         XXXXXXX                                             *
 50 PPT *
         XXXX                                                *
100 PPT *
         XXXX                                                *
200 PPT *
         XXX                                                 *
500 PPT *
         X                                                   *
  1 PPB *
         I                                                   *
  2 PPB *
         I                                                   *
  5 PPB *
         I                                                   *
 10 PPB *                                                    *
                                                             *
 20 PPB *                                                    *
                                                             *
 50 PPB *                                                    *
        **         *         *         *         *         *
         0        20        40        60        80       100
```

PERCENT

	N	%	CUM %
I	16	.75	.75
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1316	61.84	62.59
XXXXXXX	286	13.44	76.03
XXXX	174	8.18	84.21
XXXX	164	7.71	91.92
XXX	115	5.40	97.32
X	40	1.88	99.20
I	9	.42	99.62
I	6	.28	99.91
I	2	.09	100.00

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	16
NUMBER OF NON-ZERO SAMPLES	2112
ARITHMETIC MEAN	.0913
VARIANCE	.0966
STANDARD DEVIATION	.3107
SKEW	14.9303
EXCESS KURTOSIS	292.5712
COEFFICIENT OF VARIANCE, %	340.2728
STANDARD ERROR OF THE MEAN	.0068
LOWER 95% LIMIT ON THE MEAN	.0781
UPPER 95% LIMIT ON THE MEAN	.1046
LOWER 95% LIMIT ON THE RANGE	-.5183
UPPER 95% LIMIT ON THE RANGE	.7010
GEOMETRIC MEAN	.0390
LOG10 MEAN	-1.4091
LOG10 VARIANCE	.1944
LOG10 STANDARD DEVIATION	.4409
STANDARD ERROR ON THE MEAN	.0096
LOWER 95% LIMIT ON THE MEAN	.0373
UPPER 95% LIMIT ON THE MEAN	.0407
LOWER 95% LIMIT ON THE RANGE	.0053
UPPER 95% LIMIT ON THE RANGE	.2857
MINIMUM VALUE	.0200
25TH PERCENTILE OR 1ST QUARTILE	.0200
50TH PERCENTILE OR MEDIAN	.0200
75TH PERCENTILE OR 3RD QUARTILE	.0500
80TH PERCENTILE	.1000
90TH PERCENTILE	.1800
95TH PERCENTILE	.3400
98TH PERCENTILE	.6000
99TH PERCENTILE	.8600
MAXIMUM VALUE	7.5000

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

HISTOGRAM

Class boundaries	Histogram (PERCENT, 0–100)	N	%	CUM %
below 100 PPT	I	16	.75	.75
100 PPT – 200 PPT				
200 PPT – 500 PPT				
500 PPT – 1 PPB				
1 PPB – 2 PPB				
2 PPB – 5 PPB				
5 PPB – 10 PPB	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1462	68.70	69.45
10 PPB – 20 PPB	XX	102	4.79	74.25
20 PPB – 50 PPB	XXXXXXXXX	390	18.33	92.58
50 PPB – 100 PPB	XXX	108	5.08	97.65
100 PPB – 200 PPB	X	27	1.27	98.92
200 PPB – 500 PPB	X	23	1.08	100.00
500 PPB – 1 PPM				
1 PPM – 2 PPM				
2 PPM – 5 PPM				
above 5 PPM				

0 20 40 60 80 100

PERCENT

SUMMARY STATISTICS

TOTAL NUMBER OF SAMPLES	2128
NUMBER OF ZERO VALUE SAMPLES	16
NUMBER OF NON-ZERO SAMPLES	2112
ARITHMETIC MEAN	21.9929
VARIANCE	1182.1359
STANDARD DEVIATION	34.3822
SKEW	5.7646
EXCESS KURTOSIS	42.2523
COEFFICIENT OF VARIANCE, %	156.3332
STANDARD ERROR OF THE MEAN	.7481
LOWER 95% LIMIT ON THE MEAN	20.5251
UPPER 95% LIMIT ON THE MEAN	23.4607
LOWER 95% LIMIT ON THE RANGE	-45.4607
UPPER 95% LIMIT ON THE RANGE	89.4465
GEOMETRIC MEAN	14.9775
LOG10 MEAN	1.1754
LOG10 VARIANCE	.0929
LOG10 STANDARD DEVIATION	.3048
STANDARD ERROR ON THE MEAN	.0066
LOWER 95% LIMIT ON THE MEAN	14.5354
UPPER 95% LIMIT ON THE MEAN	15.4331
LOWER 95% LIMIT ON THE RANGE	3.7792
UPPER 95% LIMIT ON THE RANGE	59.3581
MINIMUM VALUE	10.0000
25TH PERCENTILE OR 1ST QUARTILE	10.0000
50TH PERCENTILE OR MEDIAN	10.0000
75TH PERCENTILE OR 3RD QUARTILE	22.0000
80TH PERCENTILE	26.0000
90TH PERCENTILE	42.0000
95TH PERCENTILE	64.0000
98TH PERCENTILE	140.0000
99TH PERCENTILE	220.0000
MAXIMUM VALUE	460.0000

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	SMSM	PPM	2124	54.7	38.5	70.3	4.52	52.90	53.1	56.4	45.9	1.6622	.2545	44.8	47.1
TOTAL	CU	SMSM	PPM	2124	27.3	25.9	95.0	3.71	32.82	26.2	28.4	18.4	1.2651	.4158	17.7	19.2
TOTAL	PB	SMSM	PPM	2124	3.41	6.15	180.3	7.98	98.45	3.15	3.68	2.04	.3090	.3741	1.96	2.11
TOTAL	NI	SMSM	PPM	2124	10.9	9.97	91.1	3.23	20.84	10.5	11.4	7.69	.8860	.3850	7.41	7.99
TOTAL	CO	SMSM	PPM	2124	9.03	5.87	65.0	6.29	124.73	8.78	9.28	7.59	.8800	.2670	7.39	7.79
TOTAL	AG	SMSM	PPM	2124	.123	.907E-01	73.7	15.85	397.81	.119	.127	.114	-.9434	.1402	.112	.115
TOTAL	MN	SMSM	PPM	2124	492.	606.	123.1	13.91	337.04	466.	518.	361.	2.5580	.3281	350.	373.
TOTAL	FE	SMSM	PCT	2124	2.12	.940	44.4	1.29	4.79	2.08	2.16	1.92	.2838	.1939	1.89	1.96
TOTAL	AS	SMSM	PPM	2124	2.74	7.45	272.1	7.73	84.59	2.42	3.06	1.02	.0099	.4782	.976	1.07
TOTAL	MO	SMSM	PPM	2124	1.68	3.62	215.5	21.45	600.12	1.53	1.83	1.31	.1182	.2227	1.28	1.34
TOTAL	W	SMSM	PPM	2124	2.81	4.12	146.8	9.88	132.69	2.63	2.98	2.28	.3576	.1971	2.23	2.32
TOTAL	HG	SMSM	PPB	2124	29.6	38.4	129.9	10.60	167.34	28.0	31.2	21.8	1.3386	.3128	21.2	22.5
TOTAL	U	SMSM	PPM	2124	4.40	5.84	132.7	9.16	147.84	4.15	4.65	3.04	.4835	.3517	2.94	3.15
TOTAL	U-W	SRMW	PPB	2112	.913E-01	.311	340.3	14.93	292.57	.781E-01	.105	.390E-01	-1.4091	.4409	.373E-01	.407E-01
TOTAL	F-W	SRMW	PPB	2112	22.0	34.4	156.3	5.76	42.25	20.5	23.5	15.0	1.1754	.3048	14.5	15.4

SUBSET	VARIABLE		UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
TOTAL	ZN	SMSM	PPM	2124	4.000	32.000	44.000	68.000	76.000	94.000	120.000	152.000	194.000	735.000
TOTAL	CU	SMSM	PPM	2124	1.000	10.000	20.000	36.000	42.000	56.000	72.000	94.000	120.000	420.000
TOTAL	PB	SMSM	PPM	2124	1.000	1.000	2.000	4.000	4.000	8.000	11.000	19.000	30.000	114.000
TOTAL	NI	SMSM	PPM	2124	1.000	4.000	9.000	14.000	16.000	22.000	28.000	38.000	46.000	126.000
TOTAL	CO	SMSM	PPM	2124	1.000	5.000	8.000	12.000	13.000	16.000	18.000	22.000	24.000	142.000
TOTAL	AG	SMSM	PPM	2124	.100	.100	.100	.100	.100	.200	.200	.300	.400	2.800
TOTAL	MN	SMSM	PPM	2124	20.000	210.000	345.000	620.000	710.000	970.000	1250.000	1700.000	1950.000	17500.000
TOTAL	FE	SMSM	PCT	2124	.200	1.450	1.950	2.600	2.800	3.400	3.900	4.400	4.800	11.000
TOTAL	AS	SMSM	PPM	2124	.500	.500	.500	2.000	2.000	6.000	12.000	24.000	34.000	120.000
TOTAL	MO	SMSM	PPM	2124	1.000	1.000	1.000	2.000	2.000	2.000	4.000	5.000	8.000	120.000
TOTAL	W	SMSM	PPM	2124	2.000	2.000	2.000	2.000	2.000	2.000	6.000	14.000	19.000	75.000
TOTAL	HG	SMSM	PPB	2124	5.000	10.000	20.000	40.000	40.000	60.000	70.000	100.000	130.000	730.000
TOTAL	U	SMSM	PPM	2124	.500	2.000	3.000	5.000	6.000	9.000	12.000	19.000	27.000	125.000
TOTAL	U-W	SRMW	PPB	2112	.020	.020	.020	.050	.100	.180	.340	.600	.860	7.500
TOTAL	F-W	SRMW	PPB	2112	10.000	10.000	10.000	22.000	26.000	42.000	64.000	140.000	220.000	460.000

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	
GRNT	ZN SMSM	PPM	1061	43.6	26.0	59.5	3.56	27.80	42.1	45.2	38.0	1.5803	.2290	36.9	39.3
MVCC	ZN SMSM	PPM	259	79.2	39.8	50.3	1.39	3.32	74.3	84.1	69.6	1.8427	.2349	65.1	74.4
TILL	ZN SMSM	PPM	30	60.1	15.2	25.3	-.31	-.90	54.4	65.7	58.0	1.7633	.1217	52.2	64.4
SLSN	ZN SMSM	PPM	214	93.8	58.0	61.8	6.76	69.14	86.0	102.	84.4	1.9261	.1959	79.4	89.6
GNSS	ZN SMSM	PPM	417	44.6	23.2	52.1	3.44	22.44	42.4	46.9	40.5	1.6076	.1842	38.9	42.2
MSDM	ZN SMSM	PPM	143	62.8	53.4	85.1	2.41	7.13	54.0	71.6	48.6	1.6863	.3011	43.3	54.5

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	ZN SMSM	PPM	1061	4.000	28.000	38.000	54.000	58.000	72.000	86.000	106.000	128.000	345.000
MVCC	ZN SMSM	PPM	259	8.000	56.000	74.000	96.000	102.000	126.000	150.000	196.000	240.000	250.000
TILL	ZN SMSM	PPM	30	30.000	46.000	64.000	72.000	74.000	80.000	82.000	84.000	84.000	84.000
SLSN	ZN SMSM	PPM	214	12.000	74.000	88.000	106.000	114.000	132.000	168.000	204.000	310.000	735.000
GNSS	ZN SMSM	PPM	417	12.000	30.000	40.000	52.000	56.000	70.000	84.000	108.000	132.000	260.000
MSDM	ZN SMSM	PPM	143	10.000	30.000	46.000	72.000	78.000	130.000	182.000	255.000	340.000	340.000

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	
GRNT	CU SMSM	PPM	1061	19.9	19.2	96.7	1.93	4.89	18.7	21.0	12.6	1.1019	.4385	11.9	13.4
MVCC	CU SMSM	PPM	259	56.0	41.8	74.6	3.64	23.40	50.9	61.1	46.2	1.6649	.2633	42.9	49.8
TILL	CU SMSM	PPM	30	19.5	7.29	37.3	.30	-.85	16.8	22.3	18.2	1.2595	.1715	15.7	21.1
SLSN	CU SMSM	PPM	214	41.0	26.6	65.1	3.06	13.62	37.4	44.5	35.5	1.5498	.2248	33.1	38.0
GNSS	CU SMSM	PPM	417	24.5	14.5	59.2	.91	.36	23.1	25.9	20.3	1.3084	.2764	19.1	21.6
MSDM	CU SMSM	PPM	143	19.8	12.3	62.2	.88	.19	17.7	21.8	15.9	1.2011	.3102	14.1	17.9

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	CU SMSM	PPM	1061	1.000	6.000	14.000	26.000	32.000	46.000	62.000	78.000	86.000	142.000
MVCC	CU SMSM	PPM	259	12.000	30.000	48.000	70.000	74.000	94.000	120.000	200.000	210.000	420.000
TILL	CU SMSM	PPM	30	8.000	14.000	20.000	24.000	28.000	30.000	30.000	36.000	36.000	36.000
SLSN	CU SMSM	PPM	214	8.000	28.000	36.000	46.000	48.000	68.000	88.000	128.000	184.000	220.000
GNSS	CU SMSM	PPM	417	4.000	12.000	22.000	34.000	36.000	44.000	52.000	64.000	68.000	72.000
MSDM	CU SMSM	PPM	143	2.000	10.000	18.000	28.000	28.000	42.000	44.000	52.000	54.000	54.000

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	
GRNT	PB SMSM	PPM	1061	2.59	4.75	183.5	14.23	297.34	2.30	2.87	1.77	.2482	.3137	1.70	1.85
MVCC	PB SMSM	PPM	259	6.27	8.81	140.5	3.65	15.71	5.19	7.34	3.61	.5571	.4344	3.19	4.08
TILL	PB SMSM	PPM	30	3.17	2.15	67.9	1.41	1.72	2.36	3.97	2.60	.4148	.2757	2.05	3.29
SLSN	PB SMSM	PPM	214	8.31	10.1	121.9	4.99	35.16	6.95	9.68	5.57	.7459	.3844	4.94	6.28
GNSS	PB SMSM	PPM	417	1.45	1.48	102.2	10.02	134.44	1.31	1.59	1.26	.0993	.1877	1.21	1.31
MSDM	PB SMSM	PPM	143	2.83	5.26	186.2	6.02	42.32	1.96	3.69	1.76	.2460	.3346	1.55	2.00

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	PB SMSM	PPM	1061	1.000	1.000	1.000	2.000	3.000	5.000	8.000	12.000	16.000	114.000
MVCC	PB SMSM	PPM	259	1.000	2.000	4.000	7.000	8.000	13.000	20.000	46.000	47.000	64.000
TILL	PB SMSM	PPM	30	1.000	2.000	2.000	4.000	5.000	7.000	7.000	10.000	10.000	10.000
SLSN	PB SMSM	PPM	214	1.000	3.000	6.000	9.000	10.000	16.000	24.000	36.000	60.000	100.000
GNSS	PB SMSM	PPM	417	1.000	1.000	1.000	2.000	2.000	2.000	2.000	5.000	8.000	24.000
MSDM	PB SMSM	PPM	143	1.000	1.000	1.000	2.000	3.000	5.000	9.000	26.000	48.000	48.000

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	
GRNT	NI SMSM	PPM	1061	7.99	8.22	102.9	3.13	16.24	7.49	8.48	5.30	.7240	.4018	5.01	5.60
MVCC	NI SMSM	PPM	259	14.9	8.50	57.0	1.58	3.89	13.9	15.9	12.9	1.1098	.2375	12.0	13.8
TILL	NI SMSM	PPM	30	14.7	4.85	33.0	-.29	-.56	12.9	16.5	13.7	1.1383	.1740	11.8	16.0
SLSN	NI SMSM	PPM	214	19.9	16.5	82.8	3.06	13.32	17.7	22.2	15.7	1.1949	.3011	14.3	17.2
GNSS	NI SMSM	PPM	417	10.8	6.88	63.6	2.35	9.67	10.1	11.5	9.17	.9625	.2492	8.68	9.69
MSDM	NI SMSM	PPM	143	11.7	8.78	74.9	1.26	1.24	10.3	13.2	8.81	.9451	.3450	7.73	10.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	NI SMSM	PPM	1061	1.000	2.000	6.000	10.000	12.000	16.000	23.000	33.000	42.000	82.000
MVCC	NI SMSM	PPM	259	2.000	9.000	12.000	19.000	21.000	25.000	32.000	40.000	42.000	61.000
TILL	NI SMSM	PPM	30	4.000	11.000	16.000	18.000	19.000	21.000	22.000	24.000	24.000	24.000
SLSN	NI SMSM	PPM	214	2.000	11.000	16.000	23.000	25.000	38.000	48.000	79.000	114.000	126.000
GNSS	NI SMSM	PPM	417	1.000	6.000	10.000	12.000	14.000	19.000	24.000	31.000	37.000	62.000
MSDM	NI SMSM	PPM	143	1.000	5.000	9.000	16.000	18.000	24.000	30.000	38.000	43.000	43.000

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	
GRNT	CO SMSM	PPM	1061	7.47	6.20	82.9	10.30	209.25	7.10	7.85	6.11	.7863	.2768	5.88	6.35
MVCC	CO SMSM	PPM	259	13.0	5.21	40.1	1.58	5.82	12.3	13.6	12.1	1.0814	.1679	11.5	12.6
TILL	CO SMSM	PPM	30	8.37	2.79	33.3	.31	-.84	7.33	9.41	7.91	.8981	.1509	6.95	9.00
SLSN	CO SMSM	PPM	214	13.1	4.81	36.6	.88	1.99	12.5	13.8	12.2	1.0879	.1704	11.6	12.9
GNSS	CO SMSM	PPM	417	8.43	3.65	43.3	1.34	2.74	8.08	8.78	7.73	.8880	.1824	7.42	8.05
MSDM	CO SMSM	PPM	143	9.17	5.51	60.0	.87	.62	8.26	10.1	7.46	.8725	.3037	6.64	8.37

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	CO SMSM	PPM	1061	1.000	4.000	6.000	10.000	10.000	13.000	16.000	20.000	24.000	142.000
MVCC	CO SMSM	PPM	259	4.000	10.000	12.000	15.000	16.000	19.000	22.000	28.000	30.000	45.000
TILL	CO SMSM	PPM	30	4.000	6.000	8.000	10.000	11.000	13.000	13.000	14.000	14.000	14.000
SLSN	CO SMSM	PPM	214	3.000	10.000	13.000	16.000	16.000	19.000	22.000	28.000	31.000	32.000
GNSS	CO SMSM	PPM	417	2.000	6.000	8.000	10.000	10.000	13.000	15.000	20.000	21.000	24.000
MSDM	CO SMSM	PPM	143	1.000	5.000	9.000	12.000	13.000	17.000	20.000	24.000	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	
GRNT	AG SMSM	PPM	1061	.117	.642E-01	54.9	13.03	272.01	.113	.121	.111	-.9556	.1206	.109	.113
MVCC	AG SMSM	PPM	259	.135	.774E-01	57.5	4.23	26.24	.125	.144	.123	-.9096	.1638	.118	.129
TILL	AG SMSM	PPM	30	.123	.430E-01	34.9	1.26	-.41	.107	.139	.118	-.9298	.1295	.105	.131
SLSN	AG SMSM	PPM	214	.157	.211	134.0	9.79	114.81	.129	.186	.129	-.8883	.2104	.121	.138
GNSS	AG SMSM	PPM	417	.113	.463E-01	41.0	5.41	39.72	.108	.117	.108	-.9655	.1087	.106	.111
MSDM	AG SMSM	PPM	143	.126	.729E-01	57.9	4.60	28.00	.114	.138	.116	-.9357	.1513	.109	.123

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	AG SMSM	PPM	1061	.100	.100	.100	.100	.100	.200	.200	.200	.300	1.600
MVCC	AG SMSM	PPM	259	.100	.100	.100	.200	.200	.200	.200	.400	.400	.800
TILL	AG SMSM	PPM	30	.100	.100	.100	.100	.200	.200	.200	.200	.200	.200
SLSN	AG SMSM	PPM	214	.100	.100	.100	.200	.200	.200	.300	.700	1.000	2.800
GNSS	AG SMSM	PPM	417	.100	.100	.100	.100	.100	.200	.200	.200	.400	.600
MSDM	AG SMSM	PPM	143	.100	.100	.100	.100	.100	.200	.200	.400	.700	.700

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN		GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN	
GRNT	MN SMSM	PPM	1061	407.	709.	173.9	16.94	366.27	365.	450.	297.	2.4724	.3135	284.	310.
MVCC	MN SMSM	PPM	259	852.	503.	59.0	1.76	7.88	790.	913.	710.	2.8510	.2838	655.	769.
TILL	MN SMSM	PPM	30	670.	382.	57.0	1.28	1.39	528.	813.	582.	2.7652	.2314	477.	710.
SLSN	MN SMSM	PPM	214	845.	531.	62.8	2.55	9.53	773.	916.	719.	2.8569	.2535	665.	778.
GNSS	MN SMSM	PPM	417	314.	201.	64.1	3.45	18.08	295.	334.	276.	2.4403	.2094	263.	289.
MSDM	MN SMSM	PPM	143	421.	358.	85.0	3.26	16.54	362.	481.	327.	2.5140	.3090	290.	367.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	MN SMSM	PPM	1061	20.000	180.000	290.000	470.000	525.000	740.000	980.000	1300.000	1650.000	17500.000
MVCC	MN SMSM	PPM	259	60.000	535.000	800.000	1100.000	1200.000	1500.000	1800.000	2000.000	2200.000	4300.000
TILL	MN SMSM	PPM	30	225.000	380.000	575.000	900.000	910.000	1100.000	1600.000	1800.000	1800.000	1800.000
SLSN	MN SMSM	PPM	214	100.000	580.000	760.000	985.000	1050.000	1450.000	1700.000	2700.000	3700.000	3700.000
GNSS	MN SMSM	PPM	417	90.000	200.000	255.000	360.000	400.000	530.000	650.000	800.000	1500.000	1750.000
MSDM	MN SMSM	PPM	143	40.000	205.000	340.000	525.000	580.000	780.000	940.000	1680.000	2900.000	2900.000

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	
GRNT	FE SMSM	PCT	1061	1.80	.814	45.2	2.18	15.87	1.75	1.85	1.64	.2161	.1890	1.60	1.69
MVCC	FE SMSM	PCT	259	2.52	.790	31.3	.96	4.05	2.43	2.62	2.40	.3805	.1416	2.31	2.50
TILL	FE SMSM	PCT	30	2.28	.637	27.9	-.42	-.13	2.05	2.52	2.18	.3380	.1462	1.92	2.47
SLSN	FE SMSM	PCT	214	3.35	.941	28.1	.14	1.84	3.22	3.48	3.20	.5053	.1393	3.07	3.34
GNSS	FE SMSM	PCT	417	1.95	.658	33.8	1.26	3.15	1.88	2.01	1.85	.2665	.1415	1.79	1.91
MSDM	FE SMSM	PCT	143	2.29	1.00	43.6	.81	.56	2.13	2.46	2.08	.3187	.1972	1.93	2.25

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	FE SMSM	PCT	1061	.200	1.300	1.650	2.200	2.400	2.850	3.300	3.750	4.100	11.000
MVCC	FE SMSM	PCT	259	.650	2.000	2.450	3.000	3.100	3.500	3.900	4.150	4.500	7.200
TILL	FE SMSM	PCT	30	.700	1.850	2.400	2.600	2.800	3.300	3.300	3.300	3.300	3.300
SLSN	FE SMSM	PCT	214	.800	2.800	3.450	3.950	4.100	4.400	4.700	5.150	5.200	7.900
GNSS	FE SMSM	PCT	417	.700	1.500	1.850	2.300	2.400	2.750	3.100	3.850	4.450	5.200
MSDM	FE SMSM	PCT	143	.450	1.550	2.100	2.850	3.000	3.850	4.100	5.300	5.450	5.450

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	
GRNT	AS SMSM	PPM	1061	1.12	2.45	218.1	11.05	176.61	.974	1.27	.718	-.1437	.3044	.689	.749
MVCC	AS SMSM	PPM	259	2.93	5.07	172.9	4.16	19.22	2.31	3.55	1.53	.1840	.4422	1.35	1.73
TILL	AS SMSM	PPM	30	3.02	2.06	68.2	.66	-.41	2.25	3.78	2.29	.3599	.3540	1.69	3.10
SLSN	AS SMSM	PPM	214	15.4	17.5	113.2	3.19	12.85	13.1	17.8	9.89	.9953	.4203	8.68	11.3
GNSS	AS SMSM	PPM	417	.727	.643	88.5	5.67	46.86	.665	.788	.622	-.2060	.2003	.595	.651
MSDM	AS SMSM	PPM	143	1.21	1.78	147.9	5.03	30.05	.911	1.50	.824	-.0839	.3121	.732	.928

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	AS SMSM	PPM	1061	.500	.500	.500	1.000	1.000	2.000	3.000	7.000	12.000	50.000
MVCC	AS SMSM	PPM	259	.500	.500	1.000	3.000	3.000	6.000	12.000	29.000	32.000	34.000
TILL	AS SMSM	PPM	30	.500	1.000	3.000	4.000	5.000	6.000	7.000	8.000	8.000	8.000
SLSN	AS SMSM	PPM	214	1.000	6.000	10.000	18.000	21.000	33.000	52.000	75.000	115.000	120.000
GNSS	AS SMSM	PPM	417	.500	.500	.500	.500	1.000	1.000	2.000	3.000	4.000	8.000
MSDM	AS SMSM	PPM	143	.500	.500	.500	1.000	1.000	2.000	4.000	9.000	15.000	15.000

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	
GRNT	MO SMSM	PPM	1061	1.51	3.93	260.3	26.58	784.71	1.27	1.74	1.22	.0868	.1923	1.19	1.25
MVCC	MO SMSM	PPM	259	2.02	5.24	259.0	9.09	86.00	1.38	2.66	1.35	.1299	.2580	1.25	1.45
TILL	MO SMSM	PPM	30	1.33	.711	53.3	2.36	5.31	1.07	1.60	1.22	.0861	.1682	1.06	1.41
SLSN	MO SMSM	PPM	214	2.27	3.77	166.1	9.18	101.99	1.76	2.78	1.66	.2209	.2756	1.53	1.81
GNSS	MO SMSM	PPM	417	1.48	1.17	78.7	6.75	75.87	1.37	1.59	1.29	.1119	.1959	1.24	1.35
MSDM	MO SMSM	PPM	143	2.09	2.04	97.6	2.62	7.14	1.75	2.43	1.59	.2011	.2862	1.43	1.77

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	MO SMSM	PPM	1061	1.000	1.000	1.000	1.000	2.000	2.000	3.000	4.000	6.000	120.000
MVCC	MO SMSM	PPM	259	1.000	1.000	1.000	2.000	2.000	2.000	4.000	8.000	35.000	58.000
TILL	MO SMSM	PPM	30	1.000	1.000	1.000	1.000	2.000	2.000	3.000	4.000	4.000	4.000
SLSN	MO SMSM	PPM	214	1.000	1.000	2.000	2.000	2.000	4.000	5.000	12.000	20.000	48.000
GNSS	MO SMSM	PPM	417	1.000	1.000	1.000	2.000	2.000	2.000	3.000	5.000	6.000	17.000
MSDM	MO SMSM	PPM	143	1.000	1.000	1.000	2.000	3.000	5.000	7.000	11.000	11.000	11.000

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	
GRNT	W	SMSM	PPM	1061	2.65	3.87	146.1	10.79	152.13	2.41	2.88	2.21	.3449	.1765	2.16	2.27
MVCC	W	SMSM	PPM	259	3.71	6.84	184.1	7.69	69.49	2.88	4.55	2.60	.4152	.2680	2.41	2.81
TILL	W	SMSM	PPM	30	2.30	1.15	50.0	3.55	10.82	1.87	2.73	2.16	.3351	.1298	1.93	2.42
SLSN	W	SMSM	PPM	214	4.49	5.60	124.8	2.89	9.03	3.73	5.24	3.03	.4811	.3262	2.74	3.35
GNSS	W	SMSM	PPM	417	2.07	.628	30.3	11.81	162.78	2.01	2.13	2.04	.3092	.0624	2.01	2.07
MSDM	W	SMSM	PPM	143	2.06	.559	27.1	9.47	92.38	1.97	2.16	2.03	.3080	.0602	1.99	2.08

SUBSET	VARIABLE		UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	W	SMSM	PPM	1061	2.000	2.000	2.000	2.000	2.000	2.000	5.000	12.000	19.000	75.000
MVCC	W	SMSM	PPM	259	2.000	2.000	2.000	2.000	4.000	6.000	11.000	19.000	30.000	75.000
TILL	W	SMSM	PPM	30	2.000	2.000	2.000	2.000	2.000	2.000	6.000	7.000	7.000	7.000
SLSN	W	SMSM	PPM	214	2.000	2.000	2.000	4.000	5.000	13.000	16.000	27.000	29.000	36.000
GNSS	W	SMSM	PPM	417	2.000	2.000	2.000	2.000	2.000	2.000	2.000	4.000	5.000	12.000
MSDM	W	SMSM	PPM	143	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	8.000	8.000

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	
GRNT	HG SMSM	PPB	1061	29.2	43.2	148.2	10.79	154.12	26.6	31.8	20.9	1.3210	.3197	20.0	21.9
MVCC	HG SMSM	PPB	259	31.0	49.1	158.5	10.28	132.90	25.0	37.0	22.0	1.3416	.3192	20.1	24.0
TILL	HG SMSM	PPB	30	37.0	25.5	68.9	1.92	3.68	27.5	46.5	30.8	1.4888	.2632	24.6	38.6
SLSN	HG SMSM	PPB	214	40.5	34.2	84.4	2.46	8.35	35.9	45.1	31.0	1.4917	.3118	28.2	34.2
GNSS	HG SMSM	PPB	417	20.7	15.1	73.2	2.14	5.27	19.2	22.2	17.1	1.2318	.2555	16.1	18.0
MSDM	HG SMSM	PPB	143	38.5	26.7	69.3	3.14	13.44	34.1	42.9	32.7	1.5152	.2384	29.9	35.9

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	HG SMSM	PPB	1061	5.000	10.000	20.000	40.000	40.000	60.000	70.000	90.000	110.000	730.000
MVCC	HG SMSM	PPB	259	5.000	10.000	20.000	30.000	40.000	60.000	80.000	100.000	200.000	700.000
TILL	HG SMSM	PPB	30	10.000	20.000	30.000	40.000	50.000	60.000	110.000	120.000	120.000	120.000
SLSN	HG SMSM	PPB	214	5.000	20.000	30.000	50.000	60.000	80.000	110.000	170.000	200.000	240.000
GNSS	HG SMSM	PPB	417	5.000	10.000	20.000	20.000	30.000	40.000	50.000	70.000	80.000	90.000
MSDM	HG SMSM	PPB	143	10.000	20.000	30.000	50.000	50.000	60.000	70.000	150.000	200.000	200.000

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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	
GRNT	U SMSM	PPM	1061	5.60	7.68	137.1	7.52	92.66	5.14	6.06	3.64	:5609	.3898	3.45	3.84
MVCC	U SMSM	PPM	259	2.89	2.94	101.6	3.64	18.88	2.53	3.25	2.15	.3331	.3118	1.97	2.35
TILL	U SMSM	PPM	30	2.97	1.50	50.5	1.25	2.78	2.41	3.52	2.62	.4175	.2314	2.14	3.19
SLSN	U SMSM	PPM	214	3.22	2.45	76.2	2.25	5.90	2.89	3.55	2.59	.4137	.2799	2.38	2.83
GNSS	U SMSM	PPM	417	3.59	2.53	70.4	2.52	11.72	3.35	3.83	2.92	.4651	.2844	2.74	3.11
MSDM	U SMSM	PPM	143	2.63	1.49	56.9	1.87	6.95	2.38	2.87	2.26	.3540	.2461	2.06	2.48

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	U SMSM	PPM	1061	.500	2.000	4.000	6.000	8.000	11.000	16.000	27.000	34.000	125.000
MVCC	U SMSM	PPM	259	.500	1.000	2.000	3.000	4.000	5.000	9.000	13.000	13.000	26.000
TILL	U SMSM	PPM	30	1.000	2.000	3.000	4.000	4.000	4.000	6.000	8.000	8.000	8.000
SLSN	U SMSM	PPM	214	.500	2.000	3.000	4.000	4.000	6.000	9.000	12.000	14.000	15.000
GNSS	U SMSM	PPM	417	.500	2.000	3.000	4.100	5.000	7.000	8.000	10.000	14.000	22.000
MSDM	U SMSM	PPM	143	.500	2.000	2.000	3.000	4.000	4.000	5.000	7.000	11.000	11.000

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	
GRNT	U-W SRMW	PPB	1054	.135	.424	314.1	11.32	162.63	.109	.161	.503E-01	-1.2986	.5080	.468E-01	.540E-01
MVCC	U-W SRMW	PPB	258	.525E-01	.833E-01	158.8	4.45	24.51	.423E-01	.627E-01	.319E-01	-1.4957	.3574	.289E-01	.353E-01
TILL	U-W SRMW	PPB	30	.697E-01	.620E-01	89.0	2.24	6.76	.465E-01	.928E-01	.505E-01	-1.2969	.3552	.372E-01	.685E-01
SLSN	U-W SRMW	PPB	212	.783E-01	.191	243.6	9.05	102.64	.525E-01	.104	.374E-01	-1.4269	.4319	.327E-01	.428E-01
GNSS	U-W SRMW	PPB	416	.339E-01	.344E-01	101.3	5.36	43.54	.306E-01	.373E-01	.272E-01	-1.5649	.2454	.258E-01	.288E-01
MSDM	U-W SRMW	PPB	142	.302E-01	.398E-01	131.8	8.07	77.77	.236E-01	.368E-01	.244E-01	-1.6125	.2172	.225E-01	.265E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	U-W SRMW	PPB	1054	.020	.020	.020	.100	.140	.300	.480	.860	1.500	7.500
MVCC	U-W SRMW	PPB	258	.020	.020	.020	.050	.050	.120	.200	.400	.460	.700
TILL	U-W SRMW	PPB	30	.020	.020	.050	.100	.100	.120	.140	.320	.320	.320
SLSN	U-W SRMW	PPB	212	.020	.020	.020	.100	.100	.180	.300	.580	.700	2.400
GNSS	U-W SRMW	PPB	416	.020	.020	.020	.050	.050	.050	.100	.120	.140	.380
MSDM	U-W SRMW	PPB	142	.020	.020	.020	.020	.020	.050	.100	.100	.440	.440

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	
GRNT	F-W SRMW	PPB	1054	22.8	35.7	156.7	5.36	34.14	20.6	24.9	15.3	1.1846	.3115	14.6	16.0
MVCC	F-W SRMW	PPB	258	32.9	43.9	133.5	3.32	11.66	27.5	38.3	21.1	1.3243	.3633	19.0	23.4
TILL	F-W SRMW	PPB	30	83.9	70.2	83.7	2.19	4.19	57.7	110.	65.8	1.8182	.3015	50.8	85.2
SLSN	F-W SRMW	PPB	212	23.8	37.2	155.8	8.38	89.94	18.8	28.9	16.8	1.2259	.3056	15.3	18.5
GNSS	F-W SRMW	PPB	416	11.6	5.51	47.6	4.53	24.82	11.1	12.1	10.9	1.0392	.1242	10.6	11.3
MSDM	F-W SRMW	PPB	142	11.1	5.10	46.1	6.15	44.35	10.2	11.9	10.6	1.0247	.1065	10.2	11.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE 25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	MAX VALUE
GRNT	F-W SRMW	PPB	1054	10.000	10.000	10.000	24.000	26.000	44.000	66.000	150.000	230.000	340.000
MVCC	F-W SRMW	PPB	258	10.000	10.000	20.000	36.000	40.000	56.000	140.000	220.000	240.000	280.000
TILL	F-W SRMW	PPB	30	10.000	48.000	64.000	80.000	94.000	200.000	280.000	320.000	320.000	320.000
SLSN	F-W SRMW	PPB	212	10.000	10.000	10.000	26.000	32.000	46.000	60.000	100.000	190.000	460.000
GNSS	F-W SRMW	PPB	416	10.000	10.000	10.000	10.000	10.000	10.000	22.000	30.000	44.000	56.000
MSDM	F-W SRMW	PPB	142	10.000	10.000	10.000	10.000	10.000	10.000	20.000	28.000	56.000	56.000

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	781002	GRNT	17	*	**	*		*		+	*	+	*			*		
103I	781005	GRNT	7						**								*	*
103I	781006	GRNT	6			*								***				
103I	781008	GRNT	4											*			+	+
103I	781012	TILL	5		***												+	
103I	781014	TILL	9			***									***			+
103I	781018	MVCC	4		+		+	*										
103I	781020	GRNT	8						**							***	+	
103I	781030	GRNT	6										**	**				
103I	781036	GRNT	5						**						*			
103I	781038	MVCC	6												*	+	+	*
103I	781039	MVCC	9										*			+	***	*
103I	781042	MVCC	4														*	*
103I	781043	GRNT	17				*	**	**	**	*							***
103I	781044	MVCC	9									+	+		***			**
103I	781046	MVCC	5												*			**
103I	781047	GRNT	5									+						***
103I	781049	GRNT	8	+		+	+	+		+	+							*
103I	781052	GRNT	5				+		**									+
103I	781065	TILL	19	+	*	*	*	***			***			***				
103I	781067	MVCC	4		*													*
103I	781069	TILL	10	***				*		***								
103I	781071	GRNT	10	*				*		***	*							
103I	781076	GRNT	6		+		**	+			+							
103I	781077	GRNT	5		**		+	+										
103I	781078	GRNT	6				**	+		+	+							
103I	781085	TILL	5													***	+	
103I	781088	GRNT	6											***		*		
103I	781097	MVCC	6													*	***	
103I	781098	MVCC	5													*	**	
103I	781099	MVCC	6			**	+						+			+		
103I	781102	GRNT	5	+						+					+	+		+
103I	781103	GRNT	11		*	*	+	*			+		**					
103I	781107	GRNT	8	+				*		***	+							
103I	781111	SLSN	4		*						+				+			
103I	781113	SLSN	7	*						*	*				+			
103I	781122	SLSN	4	*		*												
103I	781127	SLSN	8		+		+				+		*	*				+
103I	781129	SLSN	5											*			*	+
103I	781131	SLSN	9													+	***	***
103I	781138	GRNT	7						**	+					+	*		
103I	781142	SLSN	6			+			*	+			*					
103I	781144	SLSN	4							*					+			+
103I	781155	GRNT	12						**			+		***		***		
103I	781163	GRNT	4							+			**					
103I	781164	TILL	5				+						***					
103I	781169	SLSN	16	**		*		*		***			***		+			
103I	781178	GRNT	4						**			+						
103I	781187	GNSS	6													***		*
103I	783006	TILL	7	*							***	+						

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	783007	TILL	5									***			+			
103I	783008	TILL	7							*	***				+			
103I	783033	GRNT	6		+		*	+				+				+		
103I	783037	GRNT	5						**							*		
103I	783049	GNSS	15			*			**	*						*	***	*
103I	783050	MVCC	6													*	***	
103I	783055	MVCC	4															***
103I	783056	MVCC	4															***
103I	783057	MVCC	5													+		***
103I	783058	GRNT	7														**	***
103I	783059	GRNT	8													*	*	***
103I	783062	GRNT	5														+	***
103I	783064	GRNT	6														**	**
103I	783065	GRNT	7														***	**
103I	783066	GRNT	6													+	*	**
103I	783067	MVCC	7		+			*			*							*
103I	783068	GRNT	7		*			+			+							**
103I	783071	GRNT	9													**	***	*
103I	783073	GRNT	4														**	+
103I	783074	GRNT	8		*											+	**	*
103I	783076	TILL	8										*			*	***	
103I	783078	GRNT	8												***			***
103I	783079	GRNT	11						**						***			***
103I	783080	GRNT	17	+		+	+			+	+	*	*		***			***
103I	783082	GRNT	10				+			*		*			***			+
103I	783091	SLSN	5	+			*	*										
103I	783092	SLSN	18	**	***		*		***	+						***		
103I	783093	TILL	5			*				+					*			
103I	783094	GRNT	31	**	+	***	*	***		***	**	*	**		***			+
103I	783097	TILL	6				***					*						
103I	783099	GRNT	6										*	***				
103I	783105	GRNT	9													***	*	**
103I	783108	GRNT	4				*					*						
103I	783113	GRNT	26	***	***		*	*			***	***	***	*				
103I	783114	GRNT	15							+		*			*	***	***	*
103I	783115	GRNT	16	***				*		*	*	*		**		+		
103I	783116	GRNT	4							*		*						
103I	783118	SLSN	8	+			+	*			+	+			*			
103I	783122	GRNT	5				+		**			+						
103I	783123	GRNT	13	+			**	+	**	*		+			+			+
103I	783125	SLSN	14	*	*		***	**		+	*							
103I	783127	SLSN	12	*	*	+		*	**	+		+						
103I	783133	SLSN	4			+						**						
103I	783139	SLSN	5						*	*					+			
103I	783140	SLSN	10		**				***			+				*		
103I	783142	SLSN	9	+		*			*			*	*					
103I	783143	GRNT	26	*	+	***		*	**	**	*	***		+	***			
103I	783144	SLSN	6							**						*	+	
103I	783151	GRNT	12		***	+			**	+		*			+			
103I	783156	MSDM	7	*	*		*										+	

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	783157	MSDM	6	**			+						*					
103I	783159	MSDM	10		*		**										**	*
103I	783160	GNSS	10				+	+		+					**		***	
103I	783162	GRNT	7				*			+		*			*			
103I	783163	GRNT	12					*	**	*					**	*		
103I	783164	GRNT	5				+	+							**			
103I	783169	GRNT	5				+			+		+			*			
103I	783170	GRNT	11				*					*			+		***	*
103I	783172	GRNT	5	+	+			+							*			
103I	785002	GRNT	8	*		+						+						***
103I	785003	GRNT	10						**			*					+	***
103I	785004	TILL	6											*				***
103I	785007	GRNT	4															***
103I	785008	GRNT	7						**									***
103I	785009	GRNT	5									+						***
103I	785010	GRNT	14		***		+	+	**					+			+	**
103I	785011	GRNT	17		*	+		**	**		*			***				*
103I	785013	GRNT	13	+	*		+	*	**		*							*
103I	785015	GRNT	12	+	+	**			**		+	+						*
103I	785016	GRNT	14	+	*	***		+	**	+								*
103I	785019	GRNT	10	+		*			**	+		*						+
103I	785020	GRNT	6						**			*						+
103I	785022	GRNT	10			*			***					**				+
103I	785023	MVCC	14	**	+	***			***	*								
103I	785024	MVCC	4			+				*							+	
103I	785027	GRNT	9	+		+			**	+		+		+				+
103I	785028	GRNT	10	*	+	+				*		+	*					+
103I	785033	MVCC	8						***						+	*	+	
103I	785034	MVCC	4						***									
103I	785036	SLSN	6	*		*		+				+						
103I	785037	SLSN	13	***		***			**			*						
103I	785038	SLSN	8												**		+	***
103I	785039	SLSN	5												**			*
103I	785040	SLSN	4	+											+			*
103I	785045	SLSN	4	+						*					+			
103I	785046	SLSN	4							*					*			
103I	785049	SLSN	7							***		**						
103I	785051	SLSN	7	+					*	*					+			+
103I	785052	MVCC	8	+						***					**			
103I	785053	MVCC	6									*		***				
103I	785055	MVCC	9	+						***	+				**			
103I	785056	MVCC	7												+	***	+	+
103I	785057	GRNT	5	+	*					+		+						
103I	785058	GRNT	8	*		+			**	+		+						
103I	785059	MVCC	12		*			+							***	*	*	+
103I	785071	MVCC	9		+					*		+		+	**	+		
103I	785072	MVCC	4						*	+					+			
103I	785075	MVCC	28	*	***	***		***	***		***		***	*				
103I	785076	GRNT	9							*		+			**	*	+	
103I	785078	GRNT	6	+			+				+	*						+

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	785079	GRNT	11	+			+		**	+	+	*			+			+
103I	785087	GRNT	8	+	+		+	+		+		*						+
103I	785091	MVCC	9	***			*	+		*								
103I	785094	MVCC	10	*			*	*		*				+				+
103I	785097	GRNT	23	*	+	*	*		***		*	***	**	**				
103I	785098	GRNT	5			+						***						
103I	785099	GRNT	23	**		+	+	***		***	***	***	*					
103I	785100	GRNT	11	+		+	*			+	*	**						+
103I	785105	MVCC	4		*												*	
103I	785113	GRNT	6		*			+		+	+	+						
103I	785114	GRNT	10	*	+	+			**	+		*						
103I	785115	GRNT	5	+	+					+		*						
103I	785116	GRNT	7	+						+		+	**			+		
103I	785117	GRNT	24	*	***	**		*	**	+		*	**	***				
103I	785119	GRNT	7	+	*			*			+	+						
103I	785120	GRNT	31	***	***	***	+	***	**	**	***	***						
103I	785122	GRNT	5			+			**							+		
103I	785128	MVCC	4										*			+	+	
103I	785129	GRNT	15	*		+	+	*		*	*	+	**		+			
103I	785131	GRNT	13	*		*	+	+		*		*		*	+			
103I	785132	GRNT	21	*	***	**	+	*		***	**	*						
103I	785133	MVCC	4							*					*			
103I	785136	GRNT	20	*	**	**	+	*		**	*	*			*			
103I	785137	MVCC	22	*	**	*		***		+	***	*	*		+		+	
103I	785138	MVCC	9	+	+			*			*			*	+			
103I	785139	GRNT	16	*	*	*				*	+	*	**		*			
103I	785140	GRNT	6	+	*			+		+		+						
103I	785143	GRNT	13		+	+			***	*		+	**		+			
103I	785149	GRNT	5						**						*			
103I	785153	GRNT	5						**						*			
103I	785155	GRNT	9			+			***			*			*			
103I	785159	GRNT	8			***									***			
103I	785162	GRNT	9			***			**						*			
103I	785164	GRNT	5						**						*			
103I	785166	GRNT	5						**						*			
103I	785169	GRNT	5			+			**						+			
103I	785186	MSDM	6	+								+	***					
103I	785188	MSDM	16	**	***				*				*				**	*
103I	785189	MSDM	7	+	+				***				+					
103I	785191	GNSS	7	+				+	***						+			
103I	785199	GRNT	4						***									
103I	785200	GNSS	4						***									
103I	785202	GNSS	4						***									
103I	785205	MSDM	11	*	**		*	+	*				+					
103I	785206	MSDM	4						*				*					
103I	785207	MSDM	12	*	*		*		*				*					*
103I	785209	MSDM	10	*					**			+	***					
103I	785210	MSDM	5										+					***
103I	785217	GNSS	9											***	+		***	
103I	785233	GNSS	4	+			+			+	+							

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	785234	GNSS	4				**	+										
103I	785237	GNSS	15	*	+		+			+			*				***	***
103I	785238	GNSS	6		*		+											**
103I	785240	GNSS	10						**	**			*		*			
103I	785242	GNSS	10		*		***	*					*					
103I	785244	GRNT	5													***	+	
103I	785246	GRNT	4											*		+	+	
103I	785250	GRNT	7													***	**	
103I	785251	GRNT	10			+										*	***	**
103I	785255	GRNT	5						**							*		
103I	785259	GRNT	4													+	+	*
103I	785260	GRNT	6			+									+	**		+
103I	785264	GRNT	5						**								*	
103I	785270	GNSS	5									*		**				
103I	785273	GNSS	4									**				+		
103I	785274	GNSS	4			*										*		
103I	785282	GNSS	7											**		***		
103I	785286	GNSS	7		+		*	*			*							
103I	785289	GNSS	10	*	+					*			*				*	+
103I	785291	GNSS	11	*		***				+						***		
103I	785294	GNSS	4	*						*								
103I	785295	GNSS	5	*						+							*	
103I	785296	GNSS	4	*														*
103I	785297	GNSS	4														*	*
103I	785300	GNSS	4														*	*
103I	785302	GNSS	5						**									*
103I	785305	GNSS	4									*				*		
103I	785306	GNSS	4									*						*
103I	785307	GNSS	5									*				**		
103I	785312	GRNT	5	**												*		
103I	785315	GRNT	5													+	**	+
103I	785330	GRNT	6						***			+					+	
103I	785331	GRNT	6	*			+		**									
103I	785332	GRNT	4	*			+					+						
103I	785338	GNSS	5						**								*	
103I	785339	GNSS	8						**	+			**		+			
103I	785342	GNSS	11	+		*				+			*			**	*	
103I	785344	GNSS	4						**							+		
103I	785345	GNSS	7	***						*						+		
103I	785358	GRNT	4	+			+	+									+	
103I	785360	GRNT	8	*												*	*	*
103I	785365	GNSS	4									*	*					
103I	785371	GNSS	7								***					**		
103I	785372	GNSS	5		+		**	+										
103I	785373	GNSS	7	**			+			**								
103I	785374	GNSS	7						**		+		**					
103I	785377	GNSS	15			***		**					***	***				
103I	785379	GNSS	5										**			*		
103I	785383	GNSS	10								***	*	***					
103I	785393	GNSS	7	+						*						+	**	

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	785396	GNSS	16		*			***		***					+	*	**	
103I	785398	GNSS	4										*			*		
103I	785420	GNSS	6								+				+		**	+
103I	785422	GNSS	9						**				*					***
103I	785425	GNSS	5					*		*					+			
103I	785432	GNSS	9	*		**				+	+		*					
103I	785433	GRNT	4										***					
103I	785448	GRNT	4				+					**						
103I	785450	GRNT	14	*	+	+	*	+			+	**		**				
103I	785451	GRNT	6				*				+	**						
103I	785456	SLSN	13	*	+	**	**	***										
103I	785458	GRNT	4													+	**	
103I	785463	GRNT	7					+			+	+	*	*				
103I	785464	GRNT	4													*	*	
103I	785465	GRNT	4									***						
103I	785467	GRNT	4			+						*				+		
103I	785468	GRNT	4													*	*	
103I	785471	SLSN	6		+	+		+				**						
103I	785473	SLSN	9			**						***		*				
103I	785474	SLSN	9			*		+	*			***						
103I	785477	GRNT	6													***	*	
103I	785485	GRNT	5			+										**	+	
103I	785492	GRNT	9			+										***	**	+
103I	785493	GRNT	8			*				+						**	*	
103I	785498	GRNT	8	+							*	*	**					
103I	785499	GRNT	5			*										+	*	
103I	785503	SLSN	4										+	*			+	
103I	785506	SLSN	4													*	*	
103I	785509	GRNT	4													*	*	
103I	785520	GRNT	4											*		*		
103I	785529	GRNT	5			+											***	
103I	785531	SLSN	8		+								**	***				
103I	785532	SLSN	8	+	*		*	+			+		+					
103I	785535	SLSN	10	+	**		***	*										
103I	785537	SLSN	6									+				**	*	
103I	785540	SLSN	5				*									+	*	
103I	785542	SLSN	7													**	***	
103I	785544	SLSN	4		+		+							*				
103I	785548	SLSN	5		*			*									+	
103I	785552	MVCC	7	*		+				**	+							
103I	785559	SLSN	5	+		*									*			
103I	785560	MVCC	15	**		**			*		+	***			+	+		
103I	785562	MVCC	4			+									**			
103I	785563	SLSN	5							+					***			
103I	785567	SLSN	5				+								***			
103I	785574	SLSN	4										+	**				
103I	785582	SLSN	7											***				**
103I	785585	MVCC	5								*	**						
103I	785586	SLSN	4								*	+		+				
103I	785587	MVCC	4								+	**						

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	785590	MVCC	4								*	*						
103I	785591	MVCC	4								+	*	+					
103I	785592	MVCC	8								*	***		*				
103I	785595	MVCC	6	*						*		*						
103I	785597	MVCC	5			+			***									
103I	785598	MVCC	8								***	*		*				
103I	785603	GRNT	17	***	***	***		+		+	*	+						
103I	785604	GRNT	13	**	*	*	+	*		**								
103I	785606	GRNT	21	***	**	***		*	**	*	*	+						
103I	785607	MVCC	7	+		+			***								+	
103I	785617	MVCC	10	*		+				+	*	***						
103I	785619	GRNT	5			+						***						
103I	785620	GRNT	12			*	+		**			**		**				
103I	785622	GRNT	10	+			+		**		+	***						
103I	785623	GRNT	36	***	***	***	***	***	***	*	***	***	*					
103I	785625	GRNT	7						**			*	*					
103I	785627	GRNT	7		**							+	**					
103I	785629	GRNT	6									*		***				
103I	785632	GRNT	9									***		*			+	*
103I	785633	GRNT	7									+				***	*	
103I	785634	GRNT	4									*					*	
103I	785639	GRNT	13									**	***	*		*	*	
103I	785642	GRNT	5											*		*	+	
103I	785643	GRNT	5													**	*	
103I	785645	GRNT	4									*					*	
103I	785646	GRNT	5													***	+	
103I	785650	GRNT	6			*										*	*	
103I	785652	GRNT	18	+		*				+		+	**			***	***	*
103I	785655	GNSS	4														***	
103I	785667	GRNT	8	+			*				+	*		*				
103I	785676	GRNT	22	*		*	***		**		*	***	*		*		+	
103I	785677	GRNT	11				**	+				*	**		*			
103I	785678	GRNT	8				+			+	+	**						*
103I	785685	MVCC	6	*		*				+							+	
103I	785697	SLSN	7										*	*		*	+	
103I	785698	SLSN	4													***		
103I	785710	SLSN	12		+	*		**		*	*	*						
103I	785712	SLSN	4									+					**	
103I	785714	SLSN	15		***				*			*	***	+		*		
103I	785715	SLSN	16		*	***	+	+			+		**	**		+		
103I	785716	SLSN	7			+							+	+		+	*	+
103I	785724	SLSN	4					+			*							+
103I	785738	GRNT	4			+							*			+		
103I	785742	GRNT	4									*					*	
103I	785747	GRNT	5													+	***	
103I	785749	GRNT	4													*	*	
103I	785750	GRNT	7													**	***	
103I	785753	GRNT	8													***	***	
103I	787007	GRNT	5		+			+	**									
103I	787016	GRNT	16	*				**	***	*	***			+				

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	787017	GRNT	30	**	**	+		***	***	*	***		***	***				+
103I	787019	GRNT	14	+	+			*		+	**		**	**				
103I	787022	GRNT	7		*	**						*						
103I	787024	GRNT	4						**					+				
103I	787025	GRNT	10		+		*	*	**		*							
103I	787027	GRNT	7				+		***		+					+		
103I	787028	MVCC	6	+							+			***				
103I	787029	GRNT	16	***	**	+	+	*		+	*			*				
103I	787031	GRNT	4						***									
103I	787032	GRNT	13	***	*					+	*		*		*			
103I	787033	GRNT	13	*	**		+	*	**		*							
103I	787036	GRNT	6					*	**	+								
103I	787037	GRNT	4								+				**			
103I	787042	GRNT	9							+			***			+	*	+
103I	787050	GRNT	10			+							***	***				+
103I	787051	GRNT	4						**	+								
103I	787052	MVCC	5													***	+	
103I	787054	GRNT	5			+			**									+
103I	787063	GRNT	4			+				+						+		+
103I	787080	GRNT	26	+	***		**	**	**	*	***	*			***			
103I	787084	GRNT	7		+			*		+	*				+			
103I	787085	GRNT	11		+		+	**	**	+	*							
103I	787086	GRNT	8			***			**						+			
103I	787091	GRNT	6		+	+		*		+								+
103I	787099	GRNT	12			+			**	*					***	*		
103I	787102	GRNT	6						**	+						*		
103I	787107	GRNT	4											***				
103I	787114	GRNT	5		*			+						*				
103I	787115	MVCC	6					*						**		+		
103I	787124	GRNT	9		*								***	**				
103I	787125	GRNT	6		*								*	*				
103I	787127	GRNT	4											*		*		
103I	787131	GRNT	5			+				+						*	+	
103I	787135	GRNT	4	+		+										*		
103I	787138	MVCC	4					**					+					
103I	787143	MVCC	4										**	+				
103I	787144	MVCC	4		+		*	+										
103I	787150	GRNT	5		**		+	+										
103I	787166	GRNT	6		+			*						**				
103I	787180	GRNT	5			+								*		+	+	
103I	787182	GRNT	9				***	**			*							
103I	787185	GRNT	7	+	+		+	*			*							
103I	787196	MVCC	12	+	*		***	**		+	+							
103I	787198	MVCC	5		+					*						*		
103I	787207	GNSS	6	+	*		+	+		+								
103I	787211	GNSS	9		*		*	*		*	+							
103I	787216	GNSS	6											***			*	
103I	787223	GNSS	16		**			+		*	+		*		*	***		+
103I	787227	GNSS	5		***													+
103I	787228	GNSS	4													*		*

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	787239	GRNT	5		*								**					
103I	787248	GRNT	5		*			+					*					
103I	787256	GRNT	6		*		*	*										
103I	787264	GNSS	9	+						*	+	***			+			
103I	787266	GNSS	7	+							+	***			+			
103I	787270	GNSS	4		*		+			+								
103I	787287	GNSS	6		*		+	**										
103I	787291	GNSS	5	+	*			+			+							
103I	787295	GRNT	6		*						+		**					
103I	787298	GNSS	6											***		*		
103I	787306	GNSS	5	*						+						*		
103I	787309	GNSS	4									*				*		
103I	787318	GNSS	4		***													
103I	787326	GNSS	4			*										*		
103I	787338	GNSS	4												+	+	*	
103I	787345	GNSS	4		+	*										+		
103I	787346	GRNT	4														**	+
103I	787353	GNSS	8													**	**	*
103I	787356	GNSS	4														*	*
103I	787367	GRNT	9	*	+		**	+			*							
103I	787370	GRNT	6											**		**		
103I	787377	GRNT	4	+		+	*											
103I	787387	GNSS	4										***					
103I	787400	GNSS	6			***							*					
103I	787416	GRNT	5	+							*		*					
103I	787477	GNSS	6		*						+		**					
103I	787528	GRNT	4		***													
103I	787558	GNSS	15	*	+		**	***			**		*					
103I	787572	GRNT	10	+	+		*	*			*		*					
103I	787592	GNSS	12	+	***		*	**			*							
103I	787594	GNSS	13	+	*		***	*			*						*	
103I	787597	GRNT	4						**			+						
103I	787606	GRNT	4						**			+						
103I	787613	MVCC	10					*					*			***	*	
103I	787618	GRNT	5													*	**	
103I	787619	GRNT	4			+			**									
103I	787624	GRNT	11			*			**	*			***					
103I	787625	GRNT	26	**		**	*	***		***	***	*	***					
103I	787626	GRNT	5			+											***	
103I	787628	GRNT	13		***		+	**			+			***				
103I	787629	GRNT	13	***	**	+		*			*	+						
103I	787631	MVCC	8											***		***		
103I	787639	MVCC	8	*				*		*	*							
103I	787647	MVCC	12	***		***			***									
103I	787652	GRNT	7	*	+		+	*		+								
103I	787653	MVCC	7		*			**						*				
103I	787670	GRNT	16	*			*	*		**	**		*					*
103I	787674	GRNT	10	*	*			+		+	+		*					+
103I	787675	MVCC	15		***		+	+			+		***	**				+
103I	787676	GRNT	6							*	*				*			

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	787682	GRNT	9		+		***	***										
103I	787688	GRNT	7				**	*										*
103I	787689	GRNT	24	+		**		***		***	***		***		**			+
103I	787690	GRNT	19	*		**	*	*		**	**		*		*			
103I	787691	MVCC	12										**	*		***	**	
103I	787694	MVCC	7										*	*		+	*	
103I	787697	MVCC	7			+		+					***	+				
103I	787707	MVCC	12		*		**	*			**			*				
103I	787711	GRNT	4						**									+
103I	787717	GRNT	4	+		+								+	+			
103I	787720	GRNT	16	*	+	***	*	*		+	*							*
103I	787723	GRNT	6	+		*							**					
103I	787725	GRNT	30	***	**	***	+	+	***	*	*		**	*	**	+		
103I	787727	GRNT	5	+		*												*
103I	787728	GRNT	11	+	*	*	*	*			+				+			
103I	787729	MVCC	5				***	+										
103I	787730	MVCC	7				***	*		+								
103I	787731	MVCC	7				***	*			+							
103I	787738	GRNT	11		*	***	+	*			+				+			
103I	787742	GRNT	11		*		***	**			+							+
103I	787744	MVCC	6	*		*		+			+							
103I	787746	GRNT	4										*					*
103I	787750	MVCC	4		*			+							+			
103I	787751	MVCC	15	***	**			***			*	+	+					
103I	787754	MVCC	6							***		+						+
103I	787755	MVCC	4												***			
103I	787757	MVCC	5		***										+			
103I	787768	GRNT	13	*	+	*	+	+		*		*		*				
103I	787769	GRNT	9		+	+		+		*		*		+				+
103I	787773	GRNT	12	+		*		+	***	*		+		+				
103I	787774	GRNT	30	***	*	***		***	**	***	***			*	**			
103I	787775	GRNT	16	*	+	**		*	**	*	+			*				
103I	787776	MVCC	10	*	+	*				+	**			+				
103I	787777	GRNT	14	***			*	*		**		+						*
103I	787778	GRNT	8							*			***		+			+
103I	787780	GRNT	7			+		+	**		+					+		
103I	787783	SLSN	5				*	*			+							
103I	787784	SLSN	7		+			*			***							
103I	787786	SLSN	9	+		+					***							**
103I	787788	SLSN	5						*						+			*
103I	787790	SLSN	21	***	*	+	**	***			***		*					+
103I	787794	SLSN	10	+			+				**		*	*		+		
103I	787798	SLSN	5				+	+					*	+				
103I	787800	SLSN	5							**					*			
103I	787809	GNSS	10	*		**	*	+				*						
103I	787811	GNSS	9				*	*		+	*				*			
103I	787824	GRNT	6	+		*	+	+			+							
103I	787830	GNSS	4		*		*											
103I	787831	GNSS	15	***	**		*	*	**		+							
103I	787833	GNSS	10	+	*			*	**				*					

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MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103I	787835	GNSS	5						**				*					
103I	787836	GNSS	4		+			+					*					
103I	787846	GNSS	15	***	***	***			**									
103I	787854	GNSS	10				***	+	**				*					
103I	787856	GNSS	6				*	+	**									
103I	787857	GNSS	11	**	+		*				*		**					
103I	787858	GNSS	9	*			+	*	**		+							
103I	787863	GNSS	11		*		***	*	**									
103I	787865	GNSS	6						**							**		
103I	787873	GRNT	4				**	+										
103I	787874	GNSS	19	**	+		**		***		*		***				*	
103I	787876	GNSS	11	*			*	*	**		*							
103I	787877	GNSS	4	+					**									
103I	787883	GNSS	5						**				*					
103I	787898	GNSS	5									**			*			
103I	787902	GNSS	5						**						*			
103I	787915	GNSS	6				+								+			***
103I	787925	GRNT	10	+		*	+				+	*			*			+
103I	787928	GRNT	7						**						***			
103I	787929	GRNT	5						**								*	
103I	787934	GRNT	4						***									
103I	787945	GRNT	6						**			*			+			
103I	787946	GRNT	6						**			*			+			
103I	787950	GRNT	9			*	***		**									
103I	787951	GRNT	6						***				*					
103I	787956	GNSS	7						**									***
103I	787957	GRNT	5						**						*			
103I	787966	GRNT	5			*									**			
103I	787967	GRNT	4						***									
103I	787986	GRNT	11	+		+	+		**		+	*			*			
103I	787987	GRNT	4						**						+			
103J	781005	MSDM	15	+	+		**					+	***		**	*		
103J	781007	MSDM	8		*		*				+							**
103J	781009	MSDM	5		+					+		**						
103J	783006	MSDM	4			+				+						*		
103J	783008	GRNT	16					***		***	***		*		*			
103J	783026	GRNT	4												***			
103J	783033	GRNT	5			*									**			
103J	783043	MSDM	4											***				
103J	783056	GRNT	17	**			**	***		***	+				*			
103J	783058	GRNT	6				*	+			+				*			
103J	783070	GRNT	9				***	*		*					+			
103J	783071	GRNT	10	+			***	*			+				*			
103J	783073	GRNT	13	**			***	**			*				+			
103J	783076	GNSS	8	+			*	+		+	+		*					
103J	783084	MSDM	11	+	*		+	**		+	**							
103J	783085	MSDM	7				+	*		*	*							
103J	783090	MSDM	12	*		*	+	+		+	+	+			+			*
103J	783091	MSDM	14	***	**		***				*		+					
103J	783092	GNSS	19	**	*		***	+			**		*		***			

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DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103J	783093	GRNT	6				+	*							**			
103J	783094	MSDM	8				*	*	*						*			
103J	783097	MSDM	5				*		*						+			
103J	783098	GNSS	9					**		*					***			
103J	783099	GNSS	4								+		*		+			
103J	783100	GNSS	13					*	**	*	*				***			
103J	783104	GNSS	10					+		**	*				***			
103J	783109	GNSS	7				+	*		+					**			
103J	783112	GNSS	16				*	+	**	*	+	**			***			
103J	783113	GNSS	4				+					*			+			
103J	783114	GNSS	19				*	***		***	**	***			*			
103J	783115	GRNT	8				***	+			*	+						
103J	783118	MSDM	12	+			+	**		**	+				*		+	
103J	783119	GRNT	14	*			+	**		**	**				*			
103J	783122	GNSS	4								+				**			
103J	783123	MSDM	5					+		*					*			
103J	783124	GRNT	12	*	+		+	**		*	*				+			
103J	783125	GRNT	7	+			**	*			+							
103J	783127	GRNT	11	+				**		+	+		*		**			
103J	783128	GRNT	6	+			+	+		+		+			+			
103J	783130	GRNT	12	*			*	**		*	*				+			
103J	783134	GRNT	4			*								*				
103J	783135	GRNT	10	+				+		**	+				**	+		
103J	783137	GRNT	5			+				+		+			*			
103J	783147	GNSS	7	+		**					*				+			
103J	783149	GNSS	10			*		+		*	+	*			*			
103J	783150	GNSS	12			*					**	*			**		*	
103J	783151	GRNT	6	*			+	+		+	+							
103J	783155	MSDM	4						*			+			+			
103J	783156	MSDM	4			*						+					+	
103J	783159	MSDM	14			**		***		***	+				*			
103J	783160	MSDM	8					*	*	+		+			*			
103J	787002	GRNT	9			**					*	*	*					
103J	787004	GRNT	8				*	+	**		+				+			
103J	787008	GRNT	5						**						*			
103J	787014	GNSS	24	**		*	+	***	**	***	***		*		+			
103J	787015	GNSS	13					*	**	***	*				*			
103J	787016	MSDM	6						**	+	+	+						
103J	787017	MSDM	15					**	*	**	***	+	+		+			
103J	787019	GRNT	6			+				**	+	+						
103J	787020	GRNT	20	*		+	*	**	**	***	***	+						
103J	787022	GRNT	7					+	**				**					
103J	787023	GRNT	7				+				*	*	*					
103J	787024	GRNT	10	+			*	+		**	+	*						
103J	787025	GNSS	9			*						*	*		+		*	
103J	787031	GRNT	13		*		*	**	**		**							
103J	787032	GRNT	20	*			+	**	**	**	***		**	+				
103J	787033	MSDM	4							+	*						+	
103J	787034	MSDM	8					*	*	*	*							
103J	787037	GNSS	11	+			*				+	***			**			

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

DISPLAY IS - BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	ZN	CU	PB	NI	CO	AG	MN	FE	AS	MO	W	HG	U	U-W	F-W
103J	787038	GNSS	24	***		**	*	***		**	***		**		+			
103J	787040	GNSS	4						**							+		
103J	787044	MSDM	5					+	*		*							
103J	787045	MSDM	6	+			+		*							*		
103J	787062	MSDM	7			**											***	
103J	787065	GRNT	5			+			**								+	
103J	787068	GRNT	5				+				+	*			+			
103J	787071	MSDM	10						*					**	*		**	
103J	787072	GRNT	4												***			
103J	787076	GRNT	7						**			*	*					
103J	787083	GRNT	4				*	+			+							
103J	787095	GNSS	7								**				***			
103J	787103	GNSS	6	+					**				*					
103J	787117	MSDM	8			+					**	*	*					
103J	787120	MSDM	4			+			*								+	
103J	787122	MSDM	9			+				+		**				***		
103J	787123	MSDM	10			***			*						***			
103J	787132	MSDM	6							*		***						
103J	787136	MSDM	7		**	*		+			+							
103J	787143	GRNT	5				***	+										
103J	787144	GRNT	4	*			*											
103J	787157	GNSS	5						**							*		
103J	787169	GNSS	6							+	+				***			
103J	787187	MSDM	7		*							+			**		+	

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*                                                                             *
*                                   THE END                                   *
*                                                                             *
*        OPEN FILE RGS-1-1978CONTAINS  94 PAGES INCLUDING THE TITLE PAGE      *
*                                                                             *
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