

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA, LABRADOR 1982. GSC-OF 901, NGR 54-1982, NTS 13E

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* OPEN FILE 901 *
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OPEN FILE 901 IS ONE OF FOUR OPEN FILES 901,902,903, AND 904 COVERING THE WEST LABRADOR SURVEY, COMPRISING RESPECTIVELY OF NTS 13E;22P,23A,23B;23G,23H; AND 23I,23J,23O.

THE RECONNAISSANCE SURVEY WAS UNDERTAKEN BY THE GEOLOGICAL SURVEY OF CANADA IN CONJUNCTION WITH THE NEWFOUNDLAND DEPARTMENT OF MINES AND ENERGY UNDER THE CANADA-NEWFOUNDLAND COOPERATIVE MINERAL PROGRAM (1982-84).

E.H.W. HORN BROOK DIRECTED GEOLOGICAL SURVEY OF CANADA ACTIVITIES.

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

COLLECTION	- MARSHALL MACKLIN MONAGHAN LIMITED, TORONTO.
	- E.H.W. HORN BROOK, N.G. LUND
PREPARATION	- GOLDER ASSOCIATES, OTTAWA.
	- J.J. LYNCH
ANALYTICAL	- CHEMEX LABS. LIMITED, VANCOUVER.
	- ACME ANALYTICAL LABORATORIES LTD, TORONTO.
	- J.J. LYNCH

AT THE GEOLOGICAL SURVEY OF CANADA, N.G. LUND WAS RESPONSIBLE FOR OPEN FILE PRODUCTION; A.C.GALLETTA WAS RESPONSIBLE FOR DATA MANAGEMENT; AND F. WILLIAMS OF THE CARTOGRAPHIC SECTION SUPERVISED MAP PREPERATION.PLOTTING FACILITIES WERE MADE AVAILABLE THROUGH THE COMPUTER SCIENCE CENTRE OF E.M.R.

LAKE SEDIMENT AND WATER SAMPLES WERE COLLECTED AT AN AVERAGE DENSITY OF ONE SAMPLE PER 13 SQUARE KILOMETRES THROUGHOUT THE 53,000 SQUARE KILOMETRE WEST LABRADOR SURVEY AREA SAMPLED IN 1982. THE HELICOPTER SUPPORTED SAMPLE COLLECTION WAS CARRIED OUT BETWEEN JULY 8 AND AUGUST 20,1982. SAMPLE SITE DUPLICATE SAMPLES WERE ROUTINELY COLLECTED IN EACH ANALYTICAL BLOCK OF TWENTY SAMPLES.

IN OTTAWA, FIELD DRIED SAMPLES WERE AIR-DRIED, CRUSHED, BALL MILLED AND SEIVED. THE MINUS 80 MESH (177 MICRONS) FRACTION WAS USED FOR SUBSEQUENT ANALYSES. AS REQUIRED, AT THIS TIME, CONTROL REFERENCE AND BLIND DUPLICATE SAMPLES WERE INSERTED INTO EACH ANALYTICAL BLOCK OF TWENTY SEDIMENT AND WATER SAMPLES. NO OTHER SAMPLE PROCESSING IN OTTAWA WAS CARRIED OUT ON THE WATER SAMPLES.

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

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

FOR THE DETERMINATION OF ZN, CU, PB, NI, CO, AG, MN, FE AND CD, A 1 GRAM SAMPLE WAS REACTED WITH 6 ML OF A MIXTURE OF 4M HCL AND M HNO₃ IN A TEST-TUBE OVERNIGHT AT ROOM TEMPERATURE. AFTER DIGESTION, THE TEST-TUBE WAS IMMERSSED IN A HOT WATER BATH AT ROOM TEMPERATURE AND BROUGHT UP TO 90C AND HELD AT THIS TEMPERATURE FOR 2 HOURS WITH PERIODIC SHAKING. THE SAMPLE SOLUTION WAS THEN DILUTED TO 20 ML WITH METAL FREE WATER AND MIXED. ZN, CU, PB, NI, CO, AG, MN, FE AND CD WERE DETERMINED BY ATOMIC ABSORPTION SPECTROSCOPY USING AN AIR-ACETYLENE FLAME. BACKGROUND CORRECTIONS WERE MADE FOR PB, NI, CO, AG AND CD.

ARSENIC WAS DETERMINED BY ATOMIC ABSORPTION USING A HYDRIDE EVOLUTION METHOD WHEREIN THE ARSENIC IS EVOLVED AS ASH₃, PASSED THROUGH A HEATED QUARTZ TUBE IN THE LIGHT PATH OF AN ATOMIC ABSORPTION SPECTROPHOTOMETER. THE METHOD IS DESCRIBED BY ASLIN (1976).

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

MERCURY WAS DETERMINED BY THE HATCH AND OTT PROCEDURE WITH SOME MODIFICATIONS. THE METHOD IS DESCRIBED BY JONASSON ET AL. (1973). A 0.5 GRAM SAMPLE WAS REACTED WITH 20 ML CONCENTRATED HNO₃ AND 1 ML CONCENTRATED HCL IN A TEST-TUBE FOR 10 MINUTES AT ROOM TEMPERATURE PRIOR TO 2 HOURS OF DIGESTION WITH MIXING AT 90C IN A HOT WATER BATH. AFTER DIGESTION, THE SAMPLE SOLUTIONS WERE COOLED AND DILUTED TO 100 ML WITH METAL FREE WATER. THE HG PRESENT WAS REDUCED TO THE ELEMENTAL STATE BY THE ADDITION OF 10 ML W/V SMO₄ IN M H₂SO₄. THE HG VAPOUR WAS THEN FLUSHED BY A STREAM OF AIR INTO AN ABSORPTION CELL MOUNTED IN THE LIGHT PATH OF AN ATOMIC ABSORPTION SPECTROPHOTOMETER. ABSORPTION MEASUREMENTS WERE MADE AT 253.7 NM.

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

URANIUM WAS DETERMINED USING A NEUTRON ACTIVATION METHOD WITH DELAYED NEUTRON COUNTING.
WITH THE EXCEPTION OF THE IRRADIATION FACILITY, THE METHOD IS VERY SIMILAR TO THAT USED BY AECL IN PREVIOUS YEARS, A DETAILED DESCRIPTION OF WHICH IS PROVIDED BY BOULANGER ET AL (1975).
A TWO GRAM SAMPLE WAS IRRADIATED FOR 10 SECONDS IN THE TRIGA REACTOR LOCATED AT WASHINGTON STATE UNIVERSITY.
THE OPERATING FLUX WAS 8×10^{13} NEUTRONS/SQUARE CM/SECOND.
AFTER A 10 SECOND DELAY, THE SAMPLE WAS COUNTED FOR 10 SECONDS.
THE COUNTING EQUIPMENT WAS OF AECL DESIGN. CALIBRATION WAS DONE TWICE A DAY OR AS REQUIRED.
ONE STANDARD WAS ANALYSED AFTER EVERY 20 SAMPLES.

FLUORINE WAS DETERMINED IN LAKE SEDIMENTS AS DESCRIBED BY FICKLIN (1970).
A 250 MG SAMPLE IS SINTERED WITH 1 GRAM OF A FLUX CONSISTING OF TWO PARTS BY WEIGHT SODIUM CARBONATE AND 1 PART BY WEIGHT POTASSIUM NITRATE.
THE RESIDUE IS THEN LEACHED WITH WATER, THE SODIUM CARBONATE IS NEUTRALIZED WITH 10 ML 10% (W/V) CITRIC ACID AND THE RESULTING SOLUTION IS DILUTED TO 100 ML WITH WATER.
THE PH OF THE RESULTING SOLUTION SHOULD BE FROM 5.5 TO 6.5.
THE FLUORIDE CONTENT OF THE TEST SOLUTION IS THEN MEASURED USING A FLUORIDE ION ELECTRODE.
STANDARD SOLUTIONS CONTAIN SODIUM CARBONATE AND CITRIC ACID IN THE SAME QUANTITIES AS THE SAMPLE SOLUTION.
A DETECTION LIMIT OF 40 PPM IS ACHIEVED.

URANIUM, FLUORIDE AND PH WERE DETERMINED IN LAKE WATER SAMPLES.
UPON RECEIVING A BATCH OF SAMPLES, FLUORIDE AND PH WERE DETERMINED BY SPECIFIC ION ELECTRODE AND GLASS-CALOMEL COMBINATION ELECTRODE RESPECTIVELY.

FLUORIDE IN LAKE WATER SAMPLES WAS DETERMINED USING AN ORION FLUORIDE ELECTRODE AND A MODEL 404 ORION SPECIFIC ION METER.
PRIOR TO MEASUREMENT AN ALIQUOT OF THE SAMPLE WAS MIXED WITH AN EQUAL VOLUME OF TISAB SOLUTION (TOTAL IONIC STRENGTH ADJUSTMENT BUFFER).

HYDROGEN ION ACTIVITY (PH) WAS MEASURED WITH A BROADLEY-JAMES COMBINATION ELECTRODE AND A MODEL 404 ORION SPECIFIC ION METER.

URANIUM IN WATERS WAS DETERMINED BY A LASER-INDUCED FLUOROMETRIC METHOD USING A SCINTREX UA-3 URANIUM ANALYSER.

A COMPLEXING AGENT, KNOWN COMMERCIALY AS FLURAN AND COMPOSED OF SODIUM PYROPHOSPHATE AND SODIUM MONOPHOSPHATE, (HALL, G.E.M., 1979) IS ADDED TO PRODUCE THE URANYL PYROPHOSATE SPECIES WHICH FLUORESCES WHEN EXPOSED TO THE LASER.

SINCE ORGANIC MATTER IN THE SAMPLE CAN CAUSE UNPREDICABLE BEHAVIOUR, A STANDARD ADDITION METHOD WAS USED.

FURTHER, THERE HAVE BEEN INSTANCES AT THE G.S.C. WHERE THE REACTION OF URANIUM WITH FLURAN IS EITHER DELAYED OR SLUGGISH; FOR THIS REASON AN ARBITRARY 24 HOUR TIME DELEY BETWEEN THE ADDITION OF THE FLURAN AND THE ACTUAL READING WAS INCORPORATED INTO THIS METHOD.

IN PRACTICE, 500UL FLURAN SOLUTION WAS ADDED TO A 5ML SAMPLE AND ALLOWED TO STAND FOR 24 HOURS. AT THE END OF THIS PERIOD FLUORESCENCE READINGS WERE MADE WITH THE ADDITION OF 0.0, 0.2 AND 0.4 PPB U.

FOR HIGH SAMPLES THE ADDITIONS WERE 0.0, 2.0 AND 4.0 (20UL ALIQUOTS OF 55 OR 550 PPB U WERE USED).

ALL READINGS WERE TAKEN AGAINST A SAMPLE BLANK.

ON RECEIPT, FIELD AND ANALYTICAL DATA WERE PUNCHED ONTO 80 COLUMN CARDS AND ALL SUBSEQUENT PROCESSING WAS CARRIED OUT WITH THE AID OF COMPUTERS.

THE FIELD DATA WERE RECORDED BY THE FIELD CONTRACT STAFF ONTO STANDARD LAKE SEDIMENT FIELD CARDS (REV. 74) USED BY THE GEOLOGICAL SURVEY OF CANADA (GARRETT, 1974).

THE SAMPLE SITE POSITIONS WERE MARKED ON APPROPRIATE 1/250,000 SCALE NTS MAPS IN THE FIELD.

THESE MAPS WERE DIGITIZED AT THE GEOLOGICAL SURVEY IN OTTAWA TO OBTAIN THE SAMPLE SITE UTM COORDINATES.

THE DOMINANT ROCK TYPES IN THE LAKE CATCHMENT BASINS WERE IDENTIFIED ON APPROPRIATE GEOLOGICAL MAPS USED AS THE BEDROCK GEOLOGICAL BASE ON NGR MAPS.

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

ELEMENT	ANAL. CARD	COLUMNS	DETECTION LIMIT	
SEDIMENT				
ZN	1	21-25	2	1
CU	1	26-30	2	1
PB	1	31-35	2	1
NI	1	36-40	2	1
CO	1	41-45	2	1
AG	1	46-50	0.2	0.1
MN	1	51-55	5	2
AS	1	56-60	1	0.5
MO	1	61-65	2	1
FE %	1	66-70	0.02	0.01
HG	1	71-75	10	5
LOI %	1	76-79	1.0	0.5
U	2	21-25	0.2	0.1
F	2	26-30	40	20
V	2	31-35	0.5	0.2
CD	2	36-40	0.2	0.1
WATER				
F PPB	3	26-30	20	10
PH	3	31-35		
U PPB	3	36-40	0.05	0.002

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

GENERAL INSPECTIONS OF THE FIELD AND ANALYTICAL DATA WERE MADE TO CHECK FOR ANY
MISSING INFORMATION AND/OR GROSS ERRORS.
THE SAMPLE SITE COORDINATES WERE CHECKED BY PLOTTING SAMPLING LOCATION MAPS ON A
CALCOMP 1051 DRUM PLOTTER FROM THE DIGITIZED COORDINATES AND THEN
OVERLAYING THESE OVER THE FIELD CONTRACTOR'S SAMPLE LOCATION BASE MAPS.

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

REFERENCES

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DATA LEGEND

MAP-	NATIONAL TOPOGRAPHIC SYSTEM(NTS)- LETTERED QUADRANGLE (SCALE 1:250000). PART OF SAMPLE NUMBER	ROCK TYPE: HUGP-	PARAGNEISSES, GRANITOID GNEISSES OF PROBABLE SEDIMENTARY ORIGIN, MINOR QUARTZITE AND MARBLE
ID-	REMAINDER OF SAMPLE NUMBER- YEAR(2), FILED CREW(1), SAMPLE SEQUENCE NUMBER(3)	HUGN-	SILLIMANITE GNEISS, COMMONLY MIGMATITIC. MINOR AMPHIBOLITE
UTM COORDINATES-	UNIVERSAL TRANVERSE MERCATOR(UTM) COORDINATE SYSTEM- SAMPLE COORDINATES	HUGB-	INTERMEDIATE TO BASIC GNEISS, AMPHIBOLITE
ZN-	ZONE	NHWS-	QUARTZITE, CONGLOMERATE, ARKOSE, SHALE
EAST-	EASTING(METERS)	PHAW-	GREYWACKE, QUARTZITE, ARKOSE, SLATE, PHYLLITE, BASIC TO INTERMEDIATE VOLCANIC ROCKS, DERIVED SCHISTS AND GNEISSES
NORTH-	NORTHING(METERS)	AUWR-	GRANULITE, PYROXENE GNEISS, CHARNOKITE; MINOR GRANITIC GNEISS, MYLONITIC GNEISS
ROCK TYPE-	MAJOR ROCK TYPE OF LAKE CATCHMENT AREA	NH15-	GRANITE TO GRANODIORITE, MASSIVE TO POORLY FOLIATED, PORPHYRITIC IN PART
LAKE AREA-	AREA OF LAKE SAMPLED	PH14-	GRANITE, QUARTZ MONZONITE, GRANODIORITE, QUARTZ CIORITE, SYENITE
SMP DTH-	SAMPLE DEPTH MEASURED TO THE NEAREST FOOT	PH11-	ANORTHOSITE SUITE: ANORTHOSITE, ANORTHOSITIC GABBRO, LEUCOTROCTOLITE
RP ST-	REPLICATE STATUS- RELATIONSHIP OF SAMPLE WITH RESPECT TO OTHERS WITHIN THE SURVEY	PH10-	GABBRO, NORITE, ANORTHOSITE GABBRO, TROCTOLITE, DIORITE, DERIVED BASIC GNEISSES AND AMPHIBOLITE
REL-	RELIEF OF THE SURROUNDING LAKE CATCHMENT BASIN	LAKE AREA:	POND- POND
CONT-	CONTAMINATION- HUMAN OR NATURAL(WORK-DRILL/TRENCH, CAMP, FUEL, OR GOSSAN)	LT 1-	1/4 TO 1 SQ KM
SAMPL COLOR-	SEDIMENT COLOUR	1-5-	1 TO 5 SQ KM
SUSP-	SUSPENDED MATTER	GT 1-	GREATER THAN 5 SQ KM
ZN-	ZINC BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	RP ST:	00- ROUTINE SAMPLE
CU-	COPPER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	10-	FIRST OF FIELD DUPLICATE
PB-	LEAD BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	20-	SECOND OF FIELD DUPLICATE
NI-	NICKEL BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	REL:	L- LOW
CO-	COBALT BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	M-	MEDIUM
AG-	SILVER BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	H-	HIGH
MN-	MANGANESE BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	CONT:	1- PRESENT
AS-	ARSENIC BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	BLANK-	NONE
MO-	MOLYBDENUM BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	SAMPL COLOR:	TN- TAN
FE-	IRON BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	YL-	YELLOW
HG-	MERCURY BY ATOMIC ABSORPTION SPECTROSCOPY(PPB)	GR-	GREEN
LOI-	LOSS ON IGNITION BY WEIGHT DIFFERENCE(%)	GY-	GREY
U-	URANIUM BY DELAYED NEUTRON ACTIVATION(PPM)	BN-	BROWN
F-	FLOURINE BY SPECIFIC ION ELECTRODE(PPM)	BK-	BLACK
V-	VANADIUM BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	SUSP:	L- LIGHT
CD-	CADMIUM BY ATOMIC ABSORPTION SPECTROSCOPY(PPM)	H-	HEAVY
F-W-	FLOURINE IN WATERS BY FISSION TRACK(PPB)	BLANK-	NONE
PH-	PH BY COMBINATION GLASS - CALOMEL ELECTRODE		
(1982) U-W-	URANIUM IN WATERS BY SCINTREX(PPB)		

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C E O		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	821002	20	446841	5928335	HUGP	1-5	13	00	H		BN		26	33	4	6	1	0.1	55	0.5	1	0.60	160	18.6	3.1	70	25	0.1	24	6.2	.01
13E	821003	20	453420	5927030	HUGP	LT 1	5	10	M		BN		34	17	3	8	2	0.1	46	1.0	1	0.45	170	26.4	2.0	80	10	0.1	26	6.5	.01
13E	821004	20	453420	5927030	HUGP	LT 1	5	20	M		BN		37	15	1	10	2	0.1	57	1.0	1	0.50	140	28.2	2.0	80	15	0.1	26	6.6	.02
13E	821005	20	454357	5928513	HUGP	LT 1	20	00	M		BN		48	17	2	12	5	0.2	130	1.0	1	1.60	150	24.2	3.2	230	40	0.1	24	6.6	.02
13E	821006	20	458439	5928594	HUGP	LT 1	7	00	M		BN		54	14	1	14	5	0.1	110	1.0	1	1.20	90	15.2	2.1	280	25	0.1	24	6.3	.04
13E	821007	20	461383	5928203	HUGP	1-5	9	00	M		BN		113	19	1	15	12	0.1	323	0.5	1	3.30	130	26.2	2.1	240	60	0.1	28	6.3	.02
13E	821008	20	466578	5926509	HUGP	LT 1	6	00	M		BN		65	13	1	15	5	0.2	50	0.5	2	0.75	140	45.8	1.1	50	20	0.2	24	6.6	.04
13E	821009	20	470339	5927867	HUGP	GT 5	11	00	M		BN		92	24	3	22	13	0.1	405	1.5	1	2.70	70	6.4	3.8	460	50	0.2	26	6.3	.02
13E	821010	20	474290	5926432	HUGP	GT 5	8	00	M		BN		100	21	1	17	9	0.2	300	1.0	1	2.75	100	16.8	2.5	380	35	0.1	26	6.2	.01
13E	821011	20	476165	5927429	HUGP	GT 5	9	00	M		BN		113	18	1	15	10	0.1	350	1.0	1	2.90	110	13.8	2.2	320	35	0.1	32	6.3	.03
13E	821013	20	480093	5926882	HUGP	LT 1	6	00	M		BN		82	21	1	17	8	0.1	120	1.5	1	2.20	140	40.8	2.2	100	25	0.1	30	6.4	.03
13E	821014	20	483709	5928793	HUGP	LT 1	3	00	M		BN		70	15	2	15	5	0.2	120	1.0	1	1.80	160	32.0	1.0	120	20	0.1	28	6.3	.07
13E	821015	20	487670	5926012	HUGN	POND	3	00	H		BN		43	19	1	14	2	0.1	57	1.0	1	0.60	110	30.8	1.1	90	15	0.2	36	6.4	.03
13E	821016	20	496437	5926756	HUGN	LT 1	15	00	H		BN		79	29	1	21	7	0.1	153	1.0	1	1.20	170	26.4	1.4	230	30	0.1	20	6.4	.01
13E	821017	20	498741	5926475	HUGN	LT 1	18	00	H		BN		83	29	1	26	7	0.2	170	0.5	1	1.15	140	31.2	1.7	250	30	0.1	20	6.5	.01
13E	821018	20	503298	5928688	HUGN	1-5	50	00	H		BN		75	26	1	25	9	0.2	320	1.0	1	1.80	200	31.6	1.6	230	50	0.2	10	6.6	.02
13E	821019	20	506138	5927453	HUGN	1-5	140	00	H		BN		180	49	1	158	65	0.4	7100	1.5	1	10.40	260	29.0	1.7	170	60	0.3	10	6.5	.04
13E	821020	20	509397	5931186	HUGN	LT 1	4	00	M		BN		44	15	1	15	3	0.2	103	1.0	1	0.90	140	24.8	1.3	100	30	0.2	10	6.4	.04
13E	821022	20	511875	5931889	HUGN	1-5	14	00	H		BN		98	33	1	17	6	0.1	180	1.0	2	2.45	150	31.8	2.3	100	70	0.2	10	6.3	.05
13E	821023	20	516191	5931684	HUGN	LT 1	17	00	H		BN		70	42	1	12	6	0.2	310	1.5	1	2.40	190	28.8	1.7	140	60	0.1	10	6.3	.02
13E	821024	20	521159	5930918	HUGN	1-5	21	00	H		BN		68	21	1	12	11	0.1	375	1.0	1	2.45	160	26.2	1.7	130	45	0.2	10	6.4	.04
13E	821025	20	524939	5929883	HUGN	LT 1	17	10	H		BN		69	19	1	14	7	0.1	148	1.0	1	1.80	120	34.6	1.0	90	45	0.1	10	5.9	.02
13E	821026	20	524939	5929883	HUGN	LT 1	17	20	H		BN		46	14	6	10	2	0.1	95	1.0	1	0.70	180	31.4	1.1	100	25	0.1	10	5.8	.04
13E	821027	20	527873	5930165	HUGN	LT 1	27	00	H		BN		72	27	1	15	8	0.1	298	1.5	1	3.80	190	28.8	1.3	140	55	0.1	10	6.2	.02
13E	821029	20	530425	5930226	HUGN	LT 1	22	00	H		BN		45	23	1	13	2	0.1	55	1.5	1	0.75	210	35.4	1.2	100	30	0.2	10	6.4	.02
13E	821030	20	531058	5927266	HUGN	1-5	11	00	H		BN		59	23	2	12	5	0.1	102	1.0	1	1.30	160	21.0	1.5	140	35	0.1	10	6.3	.01
13E	821031	20	531533	5924122	HUGN	LT 1	40	00	H		BN BK		88	33	1	21	5	0.4	210	0.5	1	1.70	270	51.2	1.7	80	50	0.2	10	6.3	.02
13E	821032	20	530434	5921073	HUGN	1-5	60	00	H		BN		105	37	3	21	11	0.2	458	1.0	2	3.10	320	43.6	2.7	140	60	0.2	10	6.4	.04
13E	821033	20	530611	5918096	HUGN	1-5	70	00	H		BK		133	51	1	23	14	0.4	660	1.0	2	4.50	290	48.8	3.4	130	125	0.4	24	6.3	.05
13E	821034	20	532300	5913469	HUGP	GT 5	30	00	H		TN		95	23	1	29	12	0.1	440	1.0	2	3.50	110	19.4	3.1	140	60	0.2	22	6.5	.01
13E	821035	20	530809	5908479	HUGP	GT 5	17	00	M		BN		148	25	1	34	12	0.1	380	1.0	2	6.20	120	28.0	2.6	190	60	0.1	22	6.2	.03
13E	821036	20	531353	5904904	HUGP	LT 1	20	00	M	1	BN		47	16	1	17	3	0.1	83	1.0	1	1.65	180	31.6	1.8	120	30	0.1	22	6.3	.02
13E	821037	20	530314	5900902	NH15	LT 1	9	00	M		BN		42	10	1	14	2	0.1	70	1.0	1	1.00	120	22.8	3.1	150	25	0.1	22	6.2	.02
13E	821038	20	530753	5898578	NH15	LT 1	4	00	M		TN		28	20	1	10	2	0.1	40	1.0	1	0.55	110	10.6	5.7	100	25	0.1	26	6.6	.04
13E	821039	20	528156	5898129	NH15	LT 1	6	00	M		BN		45	15	1	11	3	0.1	68	3.0	1	0.65	160	27.2	7.9	120	35	0.1	26	6.4	.01
13E	821040	20	524092	5900162	NH15	LT 1	4	00	M		BN		36	10	1	34	6	0.1	195	1.5	1	4.30	80	23.6	1.5	180	20	0.1	10	6.2	.08
13E	821042	20	520609	5898168	NH15	LT 1	8	00	M		BN		44	13	1	17	2	0.1	47	1.0	1	0.80	140	35.6	1.8	60	25	0.1	20	6.3	.02
13E	821043	20	518165	5898456	NH15	LT 1	8	00	M		BN		44	10	1	14	5	0.1	118	1.5	1	2.10	90	14.4	2.3	160	35	0.1	10	6.0	.01
13E	821044	20	513513	5901030	HUGP	1-5	8	00	M		BN		82	21	1	18	4	0.1	163	1.0	1	3.00	110	31.6	3.4	90	50	0.1	22	6.4	.09
13E	821045	20	516457	5903298	HUGP	LT 1	4	00	M		BN		45	14	1	18	2	0.1	40	1.0	1	1.00	120	31.8	0.6	80	30	0.2	10	5.9	.11
13E	821046	20	519590	5902259	HUGP	LT 1	19	10	M		BN		82	17	1	22	6	0.1	155	1.0	1	2.50	130	27.0	4.2	190					

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E D		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	821057	20	527679	5926275	HUGN	1-5	70	00	H		BN		83	43	1	16	15	0.2	880	1.0	2	4.75	150	22.8	2.5	220	55	0.1	10	6.3	.01
13E	821058	20	523910	5926770	HUGN	LT 1	53	00	H		BN		150	34	1	28	42	0.3	2150	0.5	3	8.60	240	29.4	2.5	210	65	0.2	10	6.4	.04
13E	821059	20	523611	5924042	HUGN	1-5	26	00	H		BN		117	37	1	22	18	0.2	710	1.0	1	4.20	210	18.8	2.2	250	55	0.1	10	6.3	.01
13E	821060	20	522706	5919951	HUGN	LT 1	92	00	H		BN BK		160	130	1	42	35	0.4	4200	1.5	2	12.60	340	35.8	1.8	120	60	0.2	10	6.6	.02
13E	821062	20	524126	5916607	HUGN	LT 1	48	00	H		BN		103	34	1	33	22	0.3	515	1.0	3	7.70	280	37.2	7.3	180	60	0.2	10	6.6	.04
13E	821063	20	523956	5914583	HUGN	1-5	12	00	H		BN		64	12	1	40	30	0.1	5600	1.0	1	5.20	70	7.0	2.2	380	50	0.1	10	6.3	.01
13E	821064	20	524225	5910444	HUGP	1-5	9	00	M		BN		45	23	1	19	2	0.1	58	1.0	1	0.65	140	37.4	2.7	80	20	0.1	10	6.0	.01
13E	821065	20	524656	5907561	HUGP	GT 5	13	00	M		BN		85	36	1	39	12	0.1	285	0.5	1	2.90	110	10.6	8.0	600	40	0.1	10	5.9	.01
13E	821066	20	520097	5907094	HUGP	LT 1	4	00	M		BN		33	18	1	19	3	0.1	102	0.5	1	1.10	60	9.8	2.5	220	25	0.1	20	6.1	.06
13E	821067	20	521852	5908046	HUGP	LT 1	9	10	M		BN		53	40	1	28	3	0.1	65	1.0	1	1.00	170	43.8	4.2	70	30	0.2	10	6.0	.10
13E	821068	20	521852	5908046	HUGP	LT 1	9	20	M		BN		53	42	1	26	3	0.1	62	1.0	1	1.00	140	43.2	4.6	60	35	0.1	10	6.0	.02
13E	821069	20	521248	5918071	HUGN	GT 5	40	00	H		BN		200	55	1	46	31	0.1	2750	1.0	3	11.00	280	38.6	2.6	140	75	0.5	10	6.6	.04
13E	821070	20	520733	5920548	HUGN	1-5	80	00	H		BN		180	73	1	61	16	0.3	560	1.5	3	7.80	220	37.4	7.6	130	60	0.4	10	6.7	.02
13E	821071	20	521176	5925123	HUGN	1-5	47	00	H		GY BN		95	54	1	30	21	0.1	2930	1.0	2	3.80	150	10.8	2.9	400	55	0.3	10	6.5	.01
13E	821073	20	518595	5926141	HUGN	1-5	50	00	H		BN		185	48	1	33	24	0.1	1500	1.0	3	6.00	180	30.2	2.5	260	70	0.3	10	6.4	.02
13E	821074	20	517496	5928093	HUGN	1-5	30	00	H		BN		145	45	1	24	19	0.1	975	1.0	4	6.80	190	29.6	2.2	190	60	0.2	10	6.3	.02
13E	821075	20	515628	5924958	HUGN	1-5	115	00	H		BN		108	36	3	20	8	0.4	505	1.0	1	1.95	330	49.0	1.5	170	40	0.2	10	6.7	.03
13E	821076	20	515766	5921485	HUGN	GT 5	41	00	H		BN		173	37	1	50	39	0.1	5550	1.0	2	7.00	210	28.8	1.8	270	60	0.3	10	6.5	.02
13E	821077	20	516554	5916893	HUGN	LT 1	52	00	H		BK		144	47	1	46	72	0.3	8500	1.5	2	13.20	350	28.0	3.2	190	60	0.1	10	6.1	.04
13E	821078	20	516519	5912965	HUGN	GT 5	30	00	H		BN		150	28	1	48	28	0.1	2300	0.5	2	8.60	230	23.4	2.7	230	70	0.1	10	6.3	.05
13E	821079	20	515061	5911129	HUGN	GT 5	75	00	H		BN		118	25	6	35	16	0.1	1080	0.5	1	4.00	210	20.6	2.1	360	60	0.1	10	6.3	.03
13E	821080	20	513899	5908569	HUGN	LT 1	6	00	M		BN		65	20	1	42	6	0.1	100	1.0	1	1.40	220	38.0	2.3	110	25	0.1	26	6.1	.02
13E	821082	20	516404	5907386	HUGP	GT 5	12	10	M		BN		75	33	1	23	5	0.1	100	1.0	1	1.85	160	37.2	2.9	60	40	0.1	20	6.1	.02
13E	821083	20	516404	5907386	HUGP	GT 5	12	20	M		BN		85	39	1	25	6	0.2	108	1.0	1	1.85	160	40.6	3.7	100	50	0.1	20	6.0	.02
13E	821084	20	512670	5906777	HUGN	1-5	4	00	H		TN YL		55	9	1	32	13	0.1	373	1.0	1	2.80	60	4.4	2.5	440	45	0.1	22	6.6	.02
13E	821085	20	509972	5901486	HUGN	LT 1	9	00	H		BN		52	10	1	23	16	0.1	278	0.5	1	2.15	140	9.2	4.3	230	40	0.1	24	6.2	.02
13E	821086	20	454215	5924984	HUGP	LT 1	16	00	M		BN		63	55	1	16	7	0.2	165	1.0	1	1.20	210	43.8	2.6	170	60	0.2	20	6.3	.01
13E	821087	20	457454	5923094	HUGP	LT 1	21	00	M		BN		73	25	2	14	10	0.1	238	1.0	1	1.50	170	20.2	3.0	200	70	0.2	30	6.7	.05
13E	821088	20	462476	5923305	HUGP	LT 1	5	00	M		BN		95	17	5	13	16	0.1	490	1.0	2	4.10	130	23.8	1.9	310	65	0.2	32	6.7	.02
13E	821089	20	465928	5922837	HUGP	LT 1	15	00	M		BN		45	18	1	12	3	0.1	120	0.5	2	1.00	140	28.2	1.5	110	30	0.1	30	6.4	.02
13E	821091	20	469078	5923505	HUGP	LT 1	16	00	M		BN		115	42	1	14	9	0.1	250	1.0	2	1.85	190	36.6	1.9	130	50	0.2	28	6.6	.01
13E	821092	20	474114	5924719	HUGP	1-5	10	00	M		BN		53	18	2	9	2	0.1	60	1.0	1	0.95	150	27.6	1.4	70	20	0.1	24	6.2	.02
13E	821093	20	475707	5919553	HUGP	LT 1	3	00	M		BN		17	8	1	4	1	0.1	42	0.5	1	0.30	120	24.4	1.7	90	10	0.1	42	6.1	.03
13E	821094	20	481800	5920400	HUGP	LT 1	3	00	M		BN		88	11	1	15	7	0.1	80	0.5	1	1.70	130	51.4	0.7	70	25	0.3	26	6.0	.05
13E	821095	20	483445	5921970	HUGP	POND	5	00	M		BN		57	14	1	10	3	0.1	74	0.5	1	1.20	140	67.8	1.3	50	15	0.3	20	6.1	.02
13E	821096	20	491218	5920922	HUGN	LT 1	6	00	M		BN		47	22	1	19	2	0.1	60	1.0	1	0.90	160	36.4	1.4	60	35	0.1	22	6.1	.01
13E	821097	20	492055	5922982	HUGN	1-5	7	00	M		BN		73	16	2	23	9	0.1	210	1.0	1	1.65	160	27.4	1.8	210	30	0.2	20	6.5	.02
13E	821098	20	495262	5921035	HUGN	LT 1	5	00	M		1 BN		50	14	2	15	7	0.1	165	0.5	1	1.60	160	29.2	1.6	170	30	0.1	22	6.2	.10
13E	821099	20	494880	5923264	HUGN	1-5	20	00	M		BN		77	23	1	18	8	0.1	233	1.0	1	1.85	140	19.0	1.9	220	40	0.1	20	6.2	.01
13E	821100	20	497786	5922677	HUGN	1-5	27	00	H		BN		106	26	1	27	19	0.1	405	1.0	1	3.90	210	26.8	1.6	310	60	0.1	10	6.4	.01
13E	821102	20	502090	5922941	HUGN	LT 1	35	00	H		BN		62	27	1	19	6	0.1	168	1.0	2	1.55	170	35.2							

MAP	ID	UTM COORDINATS		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O L N		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST NORTH																											
13E	821113	20	509509	5914474	HUGN	1-5	35	00	H	BN		120	82	1	61	10	0.2	450	1.0	2	3.20	290	50.8	4.1	120	60	0.4	10	6.4	.02
13E	821114	20	510298	5918057	HUGN	1-5	52	00	H	BN		85	22	2	26	12	0.1	368	1.5	2	1.65	160	31.0	1.7	170	40	0.2	10	6.5	.01
13E	821115	20	509059	5920207	HUGN	LT 1	17	00	H	BN		122	22	1	31	40	0.1	2950	1.0	1	4.10	160	27.2	1.3	80	35	0.1	10	6.5	.01
13E	821116	20	504556	5919048	HUGN	LT 1	15	00	H	BN		75	14	1	23	8	0.1	198	0.5	2	2.85	140	39.0	1.4	50	40	0.2	10	6.0	.01
13E	821117	20	504925	5916984	HUGN	LT 1	21	00	H	BN		46	35	1	52	6	0.1	150	1.0	1	1.25	170	39.0	1.4	70	20	0.2	10	6.6	.01
13E	821118	20	504951	5914369	HUGN	1-5	33	00	H	BN		138	36	1	75	27	0.1	1330	1.0	2	4.40	190	16.1	3.5	280	50	0.1	10	6.7	.02
13E	821119	20	505179	5908998	HUGN	GT 5	76	00	H	1 BN		160	44	1	45	19	0.2	1650	1.5	3	5.10	180	25.2	3.8	350	85	0.5	10	6.5	.02
13E	821120	20	506259	5907021	HUGN	LT 1	30	00	H	BN		60	29	1	26	6	0.2	120	1.0	2	1.90	200	34.2	4.4	270	55	0.1	22	6.4	.04
13E	821122	20	508610	5907768	HUGN	LT 1	25	00	H	BN		65	32	1	29	8	0.1	130	1.5	2	4.10	180	41.0	1.7	110	40	0.1	10	6.5	.01
13E	821123	20	508306	5905636	HUGN	LT 1	39	00	H	BN		113	42	1	24	12	0.3	300	1.0	3	2.70	240	42.2	4.3	180	90	0.1	24	6.7	.01
13E	821124	20	506435	5903434	HUGN	1-5	38	00	H	BN		123	52	1	33	29	0.2	1100	1.0	2	5.75	160	28.8	4.4	270	90	0.2	20	6.4	.01
13E	821125	20	506348	5899036	HUGN	1-5	36	00	H	BN		192	41	1	62	46	0.1	1950	1.0	2	7.70	170	28.4	5.6	260	95	0.4	20	6.3	.01
13E	821127	20	503334	5902404	HUGN	LT 1	36	00	H	BN		68	27	1	21	11	0.2	230	1.0	1	2.70	200	32.6	1.7	170	50	0.1	24	6.3	.01
13E	821128	20	503152	5905838	HUGN	1-5	42	00	H	BN		80	24	1	24	21	0.1	490	1.0	2	4.50	120	25.2	3.1	290	60	0.1	22	6.2	.01
13E	821129	20	503147	5908586	HUGN	GT 5	25	00	H	TN		62	12	1	30	9	0.1	235	0.5	1	1.50	70	8.4	2.0	420	30	0.1	10	6.4	.01
13E	821130	20	502181	5913553	HUGN	1-5	36	10	H	BN		90	25	1	34	10	0.2	255	0.5	2	2.40	150	35.6	4.3	220	45	0.1	10	6.2	.03
13E	821131	20	502181	5913553	HUGN	1-5	36	20	H	BN		100	19	1	36	14	0.2	365	0.5	2	2.75	120	28.6	3.7	230	35	0.1	10	6.2	.03
13E	821132	20	501980	5916893	HUGN	1-5	61	00	H	BN		150	39	1	66	35	0.3	1880	1.0	3	5.90	240	33.8	3.6	260	70	0.2	20	6.3	.01
13E	821133	20	502455	5918859	HUGN	GT 5	60	00	H	BN		138	28	1	31	34	0.1	1800	1.5	3	7.50	170	25.8	2.6	250	50	0.1	10	5.9	.01
13E	821134	20	498591	5919741	HUGN	LT 1	61	00	H	BN		105	39	1	20	8	0.4	242	1.0	1	3.10	320	46.8	2.8	140	60	0.1	10	6.0	.01
13E	821135	20	497642	5916044	HUGN	LT 1	75	00	H	BN		147	17	8	106	22	0.3	525	1.0	1	3.70	340	35.4	3.0	300	55	0.3	20	6.5	.01
13E	821136	20	497904	5913873	HUGN	LT 1	19	00	H	BN		40	18	1	16	4	0.1	95	1.0	1	0.60	150	25.8	1.5	90	20	0.1	20	6.2	.01
13E	821137	20	497262	5908448	HUGN	LT 1	16	00	H	BN		56	23	1	16	6	0.1	120	1.0	1	0.95	140	22.4	1.5	160	30	0.1	26	6.8	.01
13E	821138	20	497598	5905800	HUGN	LT 1	23	00	H	BN		64	29	1	19	6	0.1	180	1.0	1	1.80	180	26.8	1.8	270	50	0.2	22	6.4	.01
13E	821139	20	498165	5901565	HUGN	1-5	26	00	H	BN		69	25	1	28	12	0.1	405	0.5	2	2.20	140	23.6	2.4	220	45	0.1	20	6.2	.01
13E	821140	20	494877	5903931	HUGN	LT 1	33	00	H	BN		78	35	1	22	11	0.1	275	0.5	2	3.90	160	34.2	1.8	220	60	0.1	20	6.1	.03
13E	821142	20	494838	5906305	HUGN	GT 5	47	00	H	BN		92	32	1	20	11	0.2	305	0.5	3	4.20	160	35.8	2.3	230	70	0.1	26	6.3	.01
13E	821143	20	493255	5907852	HUGN	GT 5	29	00	H	BN		145	37	1	28	20	0.1	800	1.0	4	4.25	140	42.4	3.2	300	70	0.2	22	6.5	.03
13E	821144	20	495854	5911353	HUGN	1-5	40	00	H	BN		105	22	1	40	21	0.1	570	1.0	2	5.35	140	26.2	2.6	250	50	0.1	20	6.5	.03
13E	821145	20	494587	5917768	HUGN	LT 1	28	00	H	BN		73	23	1	21	12	0.1	340	1.0	1	2.80	170	34.0	2.1	150	50	0.2	22	6.2	.01
13E	821146	20	492333	5917268	HUGN	1-5	24	10	M	BN		112	40	1	30	12	0.1	573	1.5	1	4.20	170	31.8	2.3	200	55	0.2	10	6.1	.02
13E	821147	20	492333	5917268	HUGN	1-5	24	20	M	BN		70	36	1	25	5	0.2	225	1.5	2	1.95	160	39.6	1.9	190	50	0.2	10	6.1	.01
13E	821148	20	491247	5911902	HUGN	LT 1	30	00	H	BN		53	12	1	25	7	0.1	235	1.0	1	1.90	80	15.4	2.0	400	40	0.1	20	6.2	.01
13E	821149	20	490179	5908898	HUGN	GT 5	33	00	H	BN		140	39	1	32	24	0.1	1330	0.5	2	5.30	170	28.2	3.6	270	65	0.1	20	6.4	.01
13E	821150	20	491174	5905530	HUGN	LT 1	27	00	H	BN		45	23	1	15	3	0.1	70	1.0	1	1.30	170	29.0	1.4	110	35	0.1	20	6.1	.01
13E	821151	20	486417	5907222	HUGN	1-5	31	00	M	BN		140	59	1	29	18	0.1	440	1.0	1	4.00	180	27.6	3.5	260	60	0.2	22	6.5	.01
13E	821152	20	487718	5909522	HUGN	LT 1	54	00	H	BN		110	59	1	17	13	0.5	360	0.5	2	2.50	310	44.0	2.6	230	80	0.1	24	6.4	.01
13E	821153	20	486694	5913809	HUGN	LT 1	32	00	H	BN		65	26	1	36	9	0.4	223	1.0	1	1.80	240	35.8	1.8	260	40	0.1	22	6.5	.01
13E	821154	20	486024	5915157	HUGN	LT 1	28	00	H	BN		53	40	1	30	6	0.1	215	1.0	1	0.95	210	44.8	1.6	170	35	0.1	26	6.4	.01
13E	821155	20	485665	5916307	HUGN	LT 1	25	00	M	BN		68	31	1	29	8	0.2	163	1.5	2	1.85	190	32.6	2.1	260	30	0.1	30	6.5	.01
13E	821156	20	484026	5913190	HUGN	LT 1	17	00	M	BN		50	36	1	13	4	0.3	105	1.5	1	0.85	160	31.2	2.9	120	45	0.2	28	6.4	.03
13E	821157	20	483315	5910501	HUGN	1-5	30	00	M	BN																				

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U S	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	821168	20	538365	5901706	HUGP	1-5	20	00	M		BN		210	28	18	18	7	0.1	185	0.5	2	3.20	100	29.8	5.7	210	80	0.3	10	6.1	.01
13E	821170	20	540345	5901509	HUGP	LT 1	55	00	M		BN		220	31	13	18	7	0.2	275	0.5	1	1.90	170	45.0	4.7	170	80	0.1	20	6.3	.03
13E	821171	20	541736	5899162	HUGP	LT 1	6	00	M		BN		73	19	2	14	2	0.1	37	0.5	1	0.45	50	27.4	2.8	60	20	0.1	28	6.4	.01
13E	821172	20	541654	5894364	HUGP	LT 1	3	00	M		BN		30	14	1	13	2	0.1	45	1.0	1	0.90	70	21.2	2.2	90	10	0.1	32	6.3	.16
13E	821173	20	545146	5892225	HUGP	1-5	22	00	H		BN		143	59	2	13	5	0.2	225	1.0	1	2.10	130	26.4	9.8	190	55	0.2	20	5.7	.01
13E	821174	20	544397	5889461	HUGP	LT 1	3	00	M	1	BN		38	16	1	13	3	0.1	95	1.0	1	0.85	90	24.2	13.8	200	15	0.1	22	6.1	.22
13E	821175	20	542817	5884503	HUGN	LT 1	20	00	H		BN		133	19	1	5	1	0.1	60	0.5	1	0.30	40	44.4	5.8	60	15	0.2	28	6.6	.05
13E	821176	20	547781	5884651	HUGP	LT 1	21	00	M		BN		235	14	1	17	19	0.1	880	0.5	1	5.90	100	35.4	82.6	190	85	0.2	20	6.0	.29
13E	821177	20	550821	5884608	HUGP	LT 1	5	00	H	1	BN		150	49	1	12	3	0.1	37	0.5	1	0.40	100	33.6	20.0	230	35	0.1	36	6.5	.28
13E	821178	20	557111	5884308	HUGP	LT 1	23	00	H		BN		114	28	1	14	4	0.2	135	0.5	1	1.85	130	35.8	6.0	210	65	0.1	30	6.4	.08
13E	821179	20	556438	5886563	HUGP	LT 1	30	00	H		BN		235	78	1	18	8	0.1	220	0.5	1	1.85	190	46.0	30.1	290	60	0.2	36	6.7	.28
13E	821180	20	560279	5889495	HUGP	1-5	8	00	M		BN		140	20	1	14	2	0.1	75	1.0	1	1.20	80	27.2	5.3	110	40	0.2	32	6.6	.03
13E	821182	20	564092	5888765	HUGP	1-5	6	10	M		GY		80	17	1	13	3	0.2	82	1.0	2	2.70	70	14.6	3.8	200	75	0.1	24	6.5	.01
13E	821183	20	564092	5888765	HUGP	1-5	6	20	M		GY		75	18	1	13	2	0.1	57	0.5	1	1.70	70	16.8	3.7	190	60	0.1	26	6.5	.03
13E	821184	20	566321	5891797	HUGP	1-5	5	00	M		TN		135	7	1	15	2	0.1	55	0.5	1	0.90	60	22.8	1.8	150	20	0.1	30	6.6	.04
13E	821185	20	564250	5891163	HUGP	LT 1	4	00	M		BN		138	8	1	19	4	0.1	103	0.5	1	3.00	60	28.4	2.4	200	20	0.1	32	6.5	.03
13E	821186	20	559135	5891714	HUGP	LT 1	12	00	M		BN		60	7	1	13	3	0.1	115	0.5	1	0.95	30	9.0	3.3	250	25	0.1	28	6.4	.08
13E	821187	20	556329	5891356	HUGP	LT 1	10	00	M		BN		125	16	1	11	1	0.1	35	1.0	1	0.80	80	29.4	7.9	80	20	0.2	34	6.5	.01
13E	821188	20	553114	5887584	HUGP	LT 1	4	00	H		TN		63	47	1	9	1	0.1	40	0.5	1	0.35	110	26.0	3.8	110	15	0.2	42	6.4	.01
13E	821189	20	548958	5888429	HUGP	1-5	5	00	H		TN BN		32	63	1	5	3	0.1	38	1.0	1	0.80	90	17.4	7.3	60	25	0.2	28	6.0	.08
13E	821190	20	548501	5890837	HUGP	LT 1	10	00	M		BN		178	39	1	12	2	0.1	25	0.5	1	0.70	110	35.2	4.4	70	20	0.1	22	6.0	.03
13E	821191	20	553072	5891119	HUGP	LT 1	5	00	M		BN		160	21	1	25	3	0.1	43	0.5	1	0.60	70	48.8	10.1	110	20	0.4	20	5.9	.05
13E	821192	20	558912	5893898	HUGP	LT 1	10	00	M		BN		145	13	1	15	2	0.1	48	1.0	1	0.50	60	24.8	4.9	110	20	0.2	22	6.2	.08
13E	821193	20	563392	5895997	HUGP	1-5	12	00	M		BN		115	8	1	14	8	0.1	195	1.0	2	2.90	50	11.6	1.7	180	50	0.1	20	6.3	.01
13E	821194	20	565228	5896549	HUGP	LT 1	5	00	M		BN		73	10	1	21	4	0.1	65	0.5	1	1.20	80	31.8	4.0	130	25	0.1	24	6.5	.01
13E	821195	20	566303	5900188	HUGP	1-5	10	00	M		BN		153	13	1	18	10	0.1	375	0.5	3	5.30	70	17.8	3.5	200	90	0.1	22	6.5	.01
13E	821196	20	566097	5904036	HUGP	1-5	7	00	M		BN		120	13	1	21	3	0.1	50	0.5	1	0.90	60	34.2	2.1	100	30	0.2	20	6.4	.05
13E	821197	20	562972	5903126	HUGP	LT 1	6	00	M		BN		153	12	1	23	7	0.1	158	1.0	1	3.70	80	38.4	2.6	150	50	0.3	24	6.4	.03
13E	821198	20	562617	5898119	HUGP	LT 1	4	00	M		BN		100	14	1	29	9	0.1	37	1.0	2	0.90	80	34.2	4.6	100	50	0.2	28	6.7	.03
13E	821199	20	559716	5898332	HUGP	1-5	30	00	M		BN		180	19	1	18	10	0.1	285	0.5	2	7.10	90	28.0	3.1	230	110	0.1	20	6.4	.01
13E	821202	20	554757	5897543	HUGP	LT 1	3	00	M		GN BN		90	10	1	20	15	0.1	325	1.0	1	3.20	30	7.2	2.2	320	55	0.1	24	6.6	.01
13E	821203	20	553904	5899101	HUGP	LT 1	3	00	M		GY BN		50	9	1	22	5	0.1	87	0.5	1	0.75	30	10.8	1.7	310	30	0.1	28	6.5	.01
13E	821204	20	552115	5894391	HUGP	LT 1	5	10	M		TN		108	6	1	10	3	0.1	10	0.5	1	0.15	60	39.6	1.2	50	15	0.1	22	6.7	.01
13E	821205	20	552115	5894391	HUGP	LT 1	5	20	M		TN		115	5	1	10	3	0.1	13	1.0	1	0.15	50	37.8	1.3	40	10	0.1	20	6.8	.03
13E	821206	20	548463	5893445	HUGP	LT 1	6	00	M		TN		52	22	1	11	2	0.1	45	0.5	1	0.60	80	23.4	2.7	130	15	0.1	34	6.3	.05
13E	821207	20	547015	5898547	HUGP	LT 1	7	00	M		BN		148	23	1	36	7	0.1	65	1.0	2	1.90	70	51.4	1.2	110	40	0.2	10	6.4	.08
13E	821208	20	547127	5899924	HUGP	LT 1	5	00	M		BN		78	30	1	14	3	0.1	55	1.0	2	1.00	80	26.0	40.6	170	35	0.1	26	6.8	.04
13E	821209	20	544274	5901552	HUGP	LT 1	6	00	M		BN		165	23	1	23	6	0.1	93	0.5	1	3.00	90	37.6	2.2	130	45	0.1	22	6.6	.03
13E	821210	20	538817	5907182	HUGP	1-5	6	00	M		BN		53	10	1	18	4	0.1	95	1.0	2	1.65	100	24.0	1.7	170	30	0.1	22	6.4	.03
13E	821211	20	539727	5910898	HUGP	GT 5	20	00	M		BN		128	31	1	48	31	0.1	1000	2.0	2	8.10	110	13.8	3.8	370	60	0.1	10	6.3	.01
13E	821213	20	539504	5912949	HUGP	LT 1	9	00	M		BN		88	18	1	23	5	0.1	52	1.0	1	4.80	140	39.0	2.0	90	45	0.1	10	6.6	

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	821224	20	527585	5936906	HUGN	1-5	38	00	H		BN		188	47	1	40	67	0.3	2500	2.0	5	9.60	250	27.8	3.0	150	80	0.3	10	6.6	.01
13E	821225	20	524102	5937794	HUGN	LT 1	12	10	H		BN		70	21	1	21	5	0.1	63	1.0	1	1.20	170	39.2	1.4	80	25	0.1	20	6.5	.03
13E	821226	20	524102	5937794	HUGN	LT 1	12	20	H		BN		67	22	1	22	5	0.1	68	1.0	2	1.10	180	38.4	1.2	80	25	0.1	20	6.6	.01
13E	821227	20	520739	5938187	HUGN	1-5	23	00	H		BN		130	30	1	19	17	0.2	580	1.0	4	4.80	130	29.6	2.0	120	35	0.2	10	6.7	.04
13E	821228	20	516635	5936938	PH10	1-5	39	00	H		BN		103	28	1	12	10	0.2	295	1.0	3	2.90	170	29.2	2.0	220	50	0.1	10	6.5	.01
13E	821229	20	511889	5937690	PH10	LT 1	6	00	H		TN BN		52	25	1	13	3	0.1	60	1.0	1	0.70	150	28.2	1.4	90	20	0.1	26	6.8	.03
13E	821230	20	501035	5940444	HUGP	1-5	5	00	M		BN		40	8	2	6	5	0.1	130	0.5	2	1.40	50	5.6	1.8	350	25	0.1	34	6.5	.09
13E	821232	20	499489	5941490	HUGP	LT 1	4	00	M		GY BK		45	7	1	4	2	0.1	68	1.0	1	3.70	60	10.0	2.0	200	20	0.1	54	6.3	.01
13E	821233	20	496252	5941622	HUGP	LT 1	5	00	M		BN		43	22	2	12	2	0.1	40	1.0	1	0.70	160	37.8	2.0	110	15	0.1	22	5.8	.03
13E	821234	20	490000	5940100	HUGP	1-5	6	00	M		BN		87	47	1	17	5	0.1	98	0.5	1	0.90	180	35.4	1.6	160	25	0.1	22	6.2	.01
13E	821235	20	488368	5941471	HUGP	1-5	13	00	M		BN		86	32	2	13	7	0.1	193	0.5	3	1.90	140	26.6	1.6	260	40	0.1	24	6.1	.01
13E	821236	20	483498	5941005	HUGP	LT 1	8	00	M		BN		85	32	1	19	4	0.2	73	1.0	1	0.95	150	39.8	1.1	150	40	0.2	10	6.0	.01
13E	821237	20	480336	5940699	HUGP	LT 1	16	00	M		BN		125	40	1	25	11	0.1	144	1.0	3	1.72	150	31.8	1.7	280	60	0.1	22	6.3	.03
13E	821238	20	477394	5941864	HUGP	GT 5	22	00	M		BN		180	36	1	16	18	0.2	510	1.0	6	6.00	160	30.6	2.4	250	70	0.2	20	6.5	.01
13E	821239	20	471805	5940836	HUGP	LT 1	3	00	M		BN		100	14	1	15	12	0.1	250	1.0	2	4.20	110	32.8	1.5	180	20	0.1	44	6.7	.03
13E	821240	20	465373	5942432	HUGP	LT 1	5	00	M		BN		66	24	2	21	3	0.3	52	1.0	1	0.60	130	52.2	1.8	100	20	0.1	26	6.1	.01
13E	821242	20	461289	5941481	HUGP	LT 1	4	00	M		BN		42	16	3	14	2	0.1	55	1.0	2	0.60	120	28.2	1.1	110	10	0.1	40	6.5	.01
13E	821243	20	459191	5942847	HUGP	1-5	7	00	M		GY BN		41	9	1	10	4	0.1	80	0.5	1	0.95	60	14.2	1.8	270	15	0.1	44	6.6	.05
13E	821245	20	455429	5943545	HUGP	1-5	10	00	M		BN		72	21	1	17	10	0.1	105	1.5	6	1.35	160	29.6	5.0	160	25	0.1	46	6.5	.08
13E	821246	20	450935	5941104	HUGP	LT 1	3	00	M		BN		123	14	1	17	13	0.1	153	2.5	2	7.30	70	25.4	1.4	260	50	0.1	26	6.0	.04
13E	821247	20	449048	5940317	HUGP	LT 1	10	10	M		BN		113	17	1	20	7	0.2	80	1.0	4	3.10	160	44.8	1.4	120	30	0.2	26	6.3	.01
13E	821248	20	449048	5940317	HUGP	LT 1	10	20	M		BN		97	17	1	19	6	0.1	75	1.0	4	2.60	140	44.8	1.4	110	30	0.1	26	6.4	.03
13E	821249	20	445514	5941059	HUGP	LT 1	3	00	M		BN		43	6	1	6	3	0.1	98	1.0	1	3.20	40	5.0	1.1	230	25	0.1	38	6.4	.01
13E	821250	20	547905	5919623	HUGP	1-5	10	00	M		BN		75	17	1	25	7	0.1	215	1.0	2	1.90	90	38.8	1.5	130	35	0.1	10	6.5	.01
13E	821251	20	553000	5919200	HUGP	GT 5	11	00	M		BN		85	16	1	21	7	0.1	178	0.5	2	3.00	90	35.6	1.3	130	45	0.1	10	6.4	.01
13E	821252	20	557269	5919927	HUGP	LT 1	12	00	M		BN		88	20	1	18	6	0.1	170	1.0	2	2.80	80	36.4	0.9	80	50	0.1	10	6.6	.03
13E	821253	20	558890	5918627	HUGP	LT 1	22	00	M		BN		52	22	1	21	4	0.2	110	1.0	2	1.20	140	42.2	2.6	220	55	0.1	20	6.1	.05
13E	821254	20	563971	5919771	HUGP	1-5	8	00	M		BN		47	14	1	17	6	0.1	82	1.0	1	2.25	50	8.6	2.2	230	40	0.1	10	6.2	.01
13E	821255	20	565400	5921800	HUGP	1-5	7	00	M		BN		60	18	1	22	5	0.1	86	0.5	1	1.35	80	31.0	1.7	160	40	0.2	10	6.4	.02
13E	821256	20	565698	5925033	HUGP	LT 1	25	00	M		BN		48	21	1	17	5	0.1	145	0.5	1	1.30	90	37.6	2.4	120	65	0.1	22	6.6	.01
13E	821257	20	563982	5924309	HUGP	LT 1	9	00	M		BN	L	57	13	1	22	4	0.1	47	0.5	1	1.10	80	43.8	1.4	90	30	0.1	10	6.0	.01
13E	821258	20	560465	5923858	HUGP	LT 1	5	00	M		BN		40	20	1	24	3	0.1	25	1.0	1	0.40	80	47.2	0.7	50	15	0.1	10	5.6	.01
13E	821259	20	556416	5924310	HUGP	GT 5	6	00	M		TN		35	5	1	12	4	0.1	105	1.0	1	1.20	30	5.6	1.3	340	20	0.1	20	6.1	.01
13E	821260	20	552690	5924158	HUGP	GT 5	10	00	M		BN		38	7	1	11	5	0.1	160	1.0	2	1.65	40	8.0	1.5	270	25	0.1	20	6.6	.01
13E	821262	20	552182	5926863	HUGP	LT 1	10	00	M		BN		40	9	1	17	6	0.1	103	1.0	2	1.10	70	24.8	1.9	210	40	0.2	24	6.7	.01
13E	821263	20	555893	5928577	HUGP	LT 1	6	00	M		BN		41	8	1	11	5	0.1	120	0.5	2	1.60	50	17.6	1.3	250	20	0.1	24	6.2	.01
13E	821264	20	560271	5927762	HUGP	LT 1	10	00	M		BN		46	12	1	20	3	0.1	50	1.0	1	0.50	80	33.4	0.8	120	10	0.2	10	6.1	.01
13E	821265	20	564417	5928059	HUGP	LT 1	3	00	M		BN		102	15	1	33	13	0.1	280	1.0	3	4.50	70	27.4	1.5	190	60	0.1	26	6.3	.01
13E	821266	20	565269	5928799	HUGP	LT 1	4	00	M		BN		38	8	2	13	3	0.1	55	0.5	1	0.70	60	26.2	1.7	120	30	0.2	28	6.2	.01
13E	821267	20	565379	5929522	HUGP	LT 1	3	00	M		BN		45	15	1	18	5	0.1	53	0.5	1	0.60	60	29.6	1.3	120	10	0.1	32	6.4	.03
13E	821268	20	561711	5932473	HUGP	LT 1	6	00	M		BN		43	21	1	21	4	0.1	65	1.0	2	0.70	70	36.0	1.5	90	30	0.2	26	6.3	.02
13E	82																														

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	T																					
13E	821279	20	565755	5937924	HUGP	LT 1	8	00	M		BN	85	18	1	15	3	0.1		53	0.5	1	1.00	70	31.6	1.2	90	35	0.2	20	6.3	.01
13E	821280	20	563486	5939062	HUGP	LT 1	6	00	M		TN	95	16	1	19	3	0.1		30	0.5	3	0.25	70	46.8	1.1	50	15	0.2	26	6.5	.02
13E	821282	20	558895	5938703	HUGP	LT 1	5	00	M		BN	62	8	1	13	15	0.1		220	1.0	1	1.75	40	8.2	1.5	220	30	0.1	10	6.5	.02
13E	821283	20	555356	5939845	PH10	GT 5	20	00	H		BN	125	22	1	18	26	0.2		500	0.5	4	5.80	100	26.0	3.7	180	85	0.2	10	6.2	.01
13E	821284	20	551604	5939395	HUGN	1-5	40	00	H		TN	222	80	1	24	44	0.5		1380	0.5	4	9.00	210	42.8	3.8	130	115	0.2	10	6.3	.01
13E	821285	20	549087	5938191	HUGN	LT 1	3	00	H		BN	53	12	3	12	12	0.1		180	0.5	1	1.00	90	26.8	1.4	150	25	0.2	20	6.4	.03
13E	821286	20	548474	5934309	HUGN	LT 1	5	00	M		BN	47	14	1	18	4	0.1		48	0.5	1	0.45	80	35.2	1.0	70	20	0.1	10	6.5	.01
13E	821287	20	547614	5930110	HUGN	LT 1	5	00	H		TN	46	13	1	13	6	0.1		24	0.5	1	0.50	70	27.0	2.5	60	15	0.1	24	6.4	.01
13E	821288	20	548581	5925879	HUGP	1-5	10	10	H		BN	63	12	1	10	3	0.1		130	1.0	1	1.10	80	31.6	1.6	150	35	0.1	24	6.2	.03
13E	821289	20	548581	5925879	HUGP	1-5	10	20	H		BN	46	13	2	11	3	0.1		130	0.5	1	1.15	90	31.4	1.5	160	35	0.2	24	6.4	.01
13E	821290	20	548874	5923714	HUGP	1-5	15	00	M		BN	40	10	1	14	8	0.1		340	1.0	1	2.35	60	9.4	1.8	300	30	0.2	22	6.3	.01
13E	821291	20	546069	5923920	HUGP	1-5	20	00	M		BN	40	10	1	15	9	0.1		247	1.0	1	2.10	80	5.4	1.6	560	35	0.1	20	6.5	.07
13E	821292	20	544761	5926540	HUGP	LT 1	20	00	M		BN	133	23	1	23	24	0.1		580	1.0	2	9.50	140	26.4	2.1	230	105	0.2	10	6.7	.01
13E	821293	20	544135	5932540	HUGN	LT 1	7	00	M		BN	70	20	1	14	7	0.1		90	0.5	5	1.10	130	36.6	1.7	140	35	0.3	20	6.7	.01
13E	821294	20	544539	5934513	HUGN	LT 1	9	00	H		BN	48	13	1	15	6	0.1		92	0.5	2	1.50	100	23.6	1.6	190	30	0.1	22	6.4	.01
13E	821296	20	544719	5937971	HUGN	1-5	13	00	H		BN	50	21	1	14	5	0.1		100	1.5	2	1.00	140	32.2	1.5	100	30	0.3	20	6.2	.01
13E	821297	20	545400	5941800	PH10	LT 1	33	00	H		BN	100	60	1	18	9	0.5		200	1.0	1	2.10	200	54.8	3.4	110	55	0.3	10	6.1	.01
13E	821298	20	546069	5944891	PH10	LT 1	46	00	H		BN	52	28	2	11	8	0.3		220	0.5	2	2.00	230	37.2	1.8	130	55	0.2	10	6.2	.01
13E	821299	20	541400	5944900	PH10	1-5	30	00	H		BN	95	31	1	12	15	0.4		520	0.5	7	5.90	180	36.4	3.0	150	70	0.2	20	6.3	.01
13E	821300	20	538409	5945508	PH10	LT 1	5	00	H		BN	58	16	1	11	17	0.1		118	1.0	2	3.50	120	28.2	2.0	120	20	0.3	20	6.2	.01
13E	821302	20	534069	5946081	PH10	LT 1	20	00	H		BN	62	26	1	13	5	0.2		175	1.0	2	1.90	140	34.8	2.2	140	40	0.1	20	6.4	.01
13E	821303	20	530658	5944963	HUGN	1-5	52	00	H		BN	123	42	1	14	19	0.3		1280	1.5	5	4.40	140	29.4	3.6	190	100	0.2	10	5.9	.01
13E	821304	20	525954	5944763	PH10	LT 1	25	00	H		BN	92	19	1	10	33	0.2		1930	1.5	5	5.60	150	22.2	2.2	150	50	0.1	22	6.1	.01
13E	821305	20	522200	5945200	PH10	1-5	28	10	H		BN	88	22	1	8	10	0.2		330	0.5	5	3.90	130	25.2	2.0	140	50	0.1	24	5.9	.01
13E	821306	20	522200	5945200	PH10	1-5	28	20	H		BN	85	23	1	9	10	0.2		320	1.0	5	4.10	140	26.4	2.1	130	50	0.1	26	5.8	.01
13E	821307	20	520665	5946781	HUGP	1-5	31	00	H		BN	138	38	1	14	46	0.3		1800	1.5	8	8.10	140	29.6	3.8	250	85	0.1	30	5.9	.01
13E	821308	20	515333	5947047	HUGP	1-5	4	00	M		BN	48	9	1	7	10	0.1		133	1.5	1	1.40	60	11.0	2.2	230	20	0.1	48	6.5	.08
13E	821309	20	511868	5947236	HUGP	LT 1	5	00	M		BN	42	22	1	13	6	0.1		78	1.0	2	0.95	70	33.2	3.6	170	20	0.1	32	5.9	.01
13E	821310	20	510517	5947603	HUGP	LT 1	3	00	M		BN	39	5	1	5	6	0.1		95	0.5	1	0.95	50	6.2	1.8	260	15	0.1	38	6.1	.05
13E	821311	20	504545	5948258	HUGP	LT 1	7	00	M		BN	73	21	1	12	9	0.2		158	0.5	4	2.10	110	32.4	2.4	120	40	0.1	44	6.1	.01
13E	821312	20	501357	5950205	PH14	1-5	10	00	M		BN	65	27	1	13	5	0.1		78	0.5	5	0.90	130	38.0	3.4	220	25	0.2	40	5.8	.04
13E	821314	20	499078	5950155	PH14	LT 1	7	00	M		BN	47	17	1	10	3	0.2		63	1.5	3	1.30	100	30.4	2.1	120	35	0.1	40	5.9	.01
13E	821315	20	493742	5948485	PH14	LT 1	4	00	M		BN	56	19	1	14	4	0.1		68	0.5	1	1.15	90	50.0	2.6	100	35	0.2	34	5.9	.01
13E	821316	20	490755	5949651	PH14	LT 1	5	00	M		BN	53	12	2	12	7	0.1		108	1.5	1	1.45	50	12.2	3.6	310	30	0.1	52	6.1	.01
13E	821317	20	489426	5948342	PH14	LT 1	6	00	M		BN	49	13	1	13	3	0.2		60	1.0	2	0.75	120	42.8	1.4	230	20	0.1	44	5.9	.01
13E	821318	20	485400	5949000	PH14	LT 1	7	00	M		BN	67	15	1	16	4	0.2		55	0.5	1	1.30	90	41.4	2.0	120	20	0.1	52	6.3	.03
13E	821319	20	479808	5948038	PH14	GT 5	10	00	M		YL	140	16	1	12	22	0.1		1250	2.5	821	1.00	80	12.4	4.8	290	50	0.1	32	5.6	.03
13E	821320	20	476849	5947515	PH14	GT 5	24	00	M		BN	183	39	2	24	18	0.3		660	2.0	7	9.20	100	25.8	9.6	310	70	0.3	28	6.0	.03
13E	821322	20	472072	5948801	PH14	GT 5	30	00	M		GY BN	45	17	2	10	12	0.1		205	2.0	1	1.60	50	2.0	4.0	480	30	0.1	26	5.6	.01
13E	821323	20	468767	5949498	PH14	LT 1	11	10	M		BN	170	37	1	19	23	0.1		190	2.0	113	1.60	110	36.8	8.9	150	90	0.1	34	5.8	.04
13E	821324	20	468767	5949498	PH14	LT 1	11	20	M		BN	93	24	1	14	7	0.1		92	1.0	1	4.00	140								

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W		
		ZN	EAST	NORTH					L	N																						
13E	821335	20	554127	5956320	PH10	LT 1	11	00	H		BN		62	50	1	25	5	0.1	85	1.0	1	1.00	80	29.8	2.1	180	35	0.1	10	6.0	.02	
13E	821336	20	552204	5958885	PH10	1-5	53	00	H		BN		72	39	2	16	21	0.1	610	1.0	2	4.20	140	22.0	1.8	250	50	0.1	10	5.9	.01	
13E	821337	20	555374	5960112	PH10	LT 1	36	00	H		BN		66	30	1	22	39	0.3	480	0.5	2	2.95	170	30.8	1.8	120	60	0.1	10	6.2	.01	
13E	821338	20	553576	5961749	PH10	1-5	80	00	H		BN		107	27	4	12	27	0.2	1430	1.5	2	6.60	190	23.8	2.4	200	65	0.1	20	6.4	.01	
13E	821339	20	556657	5962970	PH10	LT 1	6	00	H		TN BN		40	10	4	10	5	0.1	93	0.5	1	0.95	70	16.2	1.6	210	35	0.1	10	6.5	.01	
13E	821340	20	556946	5966714	PH10	LT 1	55	00	H		BN		83	54	3	13	8	0.3	300	1.0	1	2.70	200	30.6	2.3	240	50	0.2	10	6.6	.01	
13E	821342	20	555435	5969270	PH10	1-5	90	00	H		BN		83	39	2	14	17	0.2	1800	1.0	2	4.60	130	19.6	2.9	300	40	0.1	10	6.4	.08	
13E	821343	20	555354	5974939	PH10	1-5	70	00	H		BN		115	34	1	10	16	0.3	710	0.5	1	4.50	200	39.2	2.0	170	75	0.1	10	6.3	.08	
13E	821344	20	554699	5977321	HUGB	LT 1	4	00	M		BN		128	54	4	23	29	0.1	475	0.5	1	1.75	70	13.2	4.5	290	60	0.2	10	6.3	.03	
13E	821345	20	553501	5980531	HUGB	LT 1	5	00	M		BN		88	26	1	9	4	0.1	93	0.5	1	1.65	80	31.0	2.6	120	50	0.2	20	6.4	.04	
13E	821346	20	549688	5981312	HUGB	GT 5	87	00	H		BN		138	35	3	9	9	0.4	575	0.5	4	3.80	140	31.6	3.1	280	65	0.4	24	6.3	.03	
13E	821347	20	545318	5980178	HUGB	1-5	30	10	M		BN BK		178	41	1	14	42	0.1	4530	2.5	20	13.80	120	16.2	4.5	250	60	0.3	24	6.2	.01	
13E	821348	20	545318	5980178	HUGB	1-5	30	20	M		BN BK		128	43	2	14	32	0.1	1600	2.0	15	7.20	80	10.4	0.0	370	45	0.2	24	6.2	.01	
13E	821349	20	541874	5981332	HUGB	LT 1	5	00	M		BN		60	13	2	10	4	0.1	70	1.0	6	0.80	80	38.2	1.6	200	20	0.1	60	6.3	.01	
13E	821350	20	541245	5978427	HUGB	GT 5	30	00	M		BN		85	23	3	10	5	0.2	168	0.5	2	2.40	80	32.2	2.3	160	35	0.2	26	6.5	.01	
13E	821351	20	544530	5977172	HUGB	LT 1	4	00	M		TN		36	16	1	6	5	0.1	140	1.0	1	1.70	70	17.0	2.4	100	30	0.1	28	6.2	.01	
13E	821352	20	548886	5977620	HUGB	GT 5	30	00	M		BN		118	25	2	7	21	0.2	645	1.0	6	5.40	80	15.2	3.7	220	60	0.1	28	6.3	.01	
13E	821353	20	553421	5976285	HUGB	LT 1	5	00	H		BN		41	16	1	8	2	0.1	38	0.5	1	0.40	90	29.4	1.0	100	15	0.1	24	6.4	.02	
13E	821354	20	552517	5975361	HUGB	LT 1	20	00	H		BN		168	47	1	9	7	0.5	470	0.5	3	3.80	270	46.4	3.5	330	100	0.1	20	6.3	.01	
13E	821355	20	549023	5973926	HUGB	1-5	25	00	H		BN		165	34	1	15	20	0.2	2180	1.0	8	4.90	120	27.0	3.3	270	50	0.1	30	6.3	.01	
13E	821356	20	544993	5974181	HUGB	LT 1	13	00	M		BN		85	22	1	8	5	0.1	150	0.5	4	1.65	100	25.0	2.6	160	30	0.1	40	6.4	.01	
13E	821357	20	542387	5973016	HUGB	LT 1	4	00	H		TN		65	21	1	6	9	0.1	193	1.0	2	3.85	70	17.0	4.2	310	45	0.1	32	6.6	.01	
13E	821358	20	540826	5970717	HUGB	LT 1	21	00	H		BN		100	64	3	14	5	0.3	178	0.5	2	1.70	150	34.8	5.4	260	60	0.1	26	6.5	.01	
13E	821360	20	544310	5970394	HUGB	LT 1	6	00	H		YL BN		34	29	2	4	12	0.2	440	1.0	1	4.30	100	15.8	4.1	310	50	0.1	28	6.4	.01	
13E	821362	20	549706	5970344	PH11	LT 1	12	10	H		BN		25	31	2	5	1	0.2	25	0.5	1	0.20	140	30.2	1.2	60	30	0.1	10	6.1	.01	
13E	821363	20	549706	5970344	PH11	LT 1	12	20	H		BN		31	24	2	6	1	0.2	24	1.0	1	0.20	120	30.8	1.0	50	25	0.2	10	6.0	.01	
13E	821364	20	554040	5969961	PH10	LT 1	40	00	H		BN		95	59	4	11	5	0.5	265	0.5	2	2.10	200	41.6	2.7	230	60	0.2	2	10	6.2	.01
13E	821365	20	552987	5967438	PH10	LT 1	20	00	H		BN		73	22	1	8	18	0.2	700	1.0	2	5.10	120	23.2	2.2	190	60	0.1	20	6.4	.01	
13E	821366	20	549146	5967331	PH10	LT 1	8	00	H		BN		76	21	1	17	11	0.1	75	1.0	1	1.95	110	40.4	1.1	110	20	0.1	10	6.5	.01	
13E	821367	20	544283	5966960	PH10	1-5	50	00	H		BN		124	28	1	9	14	0.1	440	1.0	4	10.00	140	27.8	3.5	240	60	0.1	24	6.5	.01	
13E	821368	20	542906	5967378	PH10	1-5	3	00	H		TN		40	7	2	5	5	0.1	150	0.5	1	1.50	30	2.0	1.6	260	30	0.1	48	6.7	.03	
13E	821369	20	540548	5963196	PH10	GT 5	20	00	H		BN		100	23	1	9	6	0.1	175	1.0	2	1.50	80	22.6	3.0	250	40	0.2	28	6.6	.01	
13E	821370	20	543726	5962392	PH10	LT 1	15	00	H		BN		56	32	3	9	4	0.1	82	0.5	1	0.65	110	28.2	2.4	160	30	0.1	24	6.5	.01	
13E	821371	20	548208	5962580	PH10	LT 1	13	00	H		BN		95	22	3	16	4	0.1	58	1.0	1	0.85	120	40.4	1.8	110	25	0.1	26	6.4	.01	
13E	821372	20	548351	5958822	PH10	LT 1	30	00	H		BN BK		100	33	1	12	6	0.4	87	1.0	1	6.10	170	64.0	1.3	80	70	0.2	10	6.3	.01	
13E	821373	20	545909	5959643	PH10	GT 5	24	00	H		BN		128	57	1	19	39	0.1	5050	2.0	5	5.90	110	10.0	14.2	440	60	0.1	22	6.6	.01	
13E	821374	20	545457	5953900	PH10	1-5	55	00	H		BN		93	40	3	10	9	0.4	400	1.0	5	2.70	180	37.6	2.7	200	65	0.2	10	6.6	.01	
13E	821375	20	542730	5952488	PH10	1-5	11	00	H		BN		175	41	1	19	10	0.2	345	1.0	2	3.30	120	35.2	2.3	170	60	0.3	10	6.4	.01	
13E	821376	20	538427	5952775	PH10	1-5	70	00	H		BN		84	30	5	11	9	0.2	365	0.5	2	2.40	200	32.8	2.3	210	55	0.3	10	6.4	.01	
13E	821378	20	534466	5952846	PH10	LT 1	12	00	H		BN		85	22	1	13	27	0.1	385	1.0	2	5.70	160	32.4	1.7	190	25	0.1	28	6.7	.01	
13E	821379	20	532033	5952080	PH10	LT 1	3	00	H		BN		34	9	3	3	7	0.1	115	1.0	1	1.00										

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C E O		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	821391	20	498870	5955875	PH14	GT 5	8	00	M		BN		100	25	3	14	5	0.1	132	0.5	4	2.20	130	41.0	3.4	220	35	0.1	44	6.3	.01
13E	821392	20	496531	5957159	PH14	GT 5	6	00	M		BN		63	15	4	10	5	0.2	53	0.5	2	0.60	70	46.0	4.8	170	25	0.1	54	6.3	.03
13E	821393	20	491788	5956636	PH14	LT 1	8	00	M		BN		185	28	1	9	7	0.2	113	1.5	1	9.00	130	50.4	3.5	120	55	0.1	32	6.0	.01
13E	821394	20	488000	5956200	PH14	GT 5	31	00	M		BN		200	40	2	15	21	0.1	850	1.5	6	7.50	100	22.6	5.6	330	65	0.2	30	6.2	.03
13E	821395	20	482936	5955231	PH14	1-5	7	00	M		BN		80	15	2	13	3	0.2	93	0.5	1	0.65	80	34.2	2.1	140	20	0.1	54	6.0	.01
13E	821396	20	479229	5955193	PH14	GT 5	12	00	M		BN		163	26	2	24	18	0.1	310	1.0	7	4.10	80	25.2	9.2	360	40	0.1	54	6.3	.01
13E	821397	20	476914	5955938	PH14	LT 1	11	00	M		BN		115	18	1	19	7	0.1	100	1.0	3	2.10	110	41.6	4.1	170	45	0.2	52	6.1	.01
13E	821398	20	472837	5955279	PH14	LT 1	9	00	M		BN		105	13	3	13	7	0.1	58	0.5	2	2.15	120	32.4	3.1	220	25	0.1	82	6.2	.01
13E	821399	20	468992	5955705	PH14	GT 5	18	00	M	1	BN		240	30	2	17	16	0.1	830	1.0	7	8.20	100	29.6	5.6	310	70	0.1	38	6.7	.01
13E	821400	20	465515	5956503	PH14	GT 5	15	00	M		BN		195	18	3	12	16	0.1	935	1.0	6	6.60	110	26.8	2.8	250	50	0.1	36	6.6	.01
13E	821402	20	462452	5957384	PH14	GT 5	13	00	M		BN		135	17	1	14	28	0.1	865	2.0	2	5.30	70	11.4	4.2	290	30	0.2	34	6.6	.03
13E	821403	20	459793	5957850	PH14	GT 5	14	00	M		BN		218	31	3	18	18	0.1	960	2.0	5	6.80	100	22.8	5.6	330	50	0.2	34	6.5	.01
13E	821404	20	454301	5957278	PH14	1-5	7	10	M		BN		92	22	2	21	4	0.1	100	1.0	1	1.50	100	47.2	2.9	140	20	0.2	32	6.4	.10
13E	821405	20	454301	5957278	PH14	1-5	7	20	M		BN		92	28	2	25	6	0.1	118	0.5	1	1.70	100	46.0	3.2	120	20	0.1	32	6.3	.03
13E	821406	20	452114	5955883	PH14	GT 5	10	00	M		BN		120	23	3	16	8	0.2	285	1.0	4	3.25	120	40.2	4.7	240	30	0.1	46	6.3	.03
13E	821407	20	449445	5957454	PH14	GT 5	12	00	M		BN		122	26	3	17	7	0.1	250	1.0	3	3.10	130	35.4	5.0	180	25	0.1	42	6.2	.03
13E	821408	20	444386	5954805	PH14	LT 1	9	00	M		BN		48	13	1	11	3	0.1	48	1.0	1	0.90	110	32.4	3.2	70	20	0.2	58	6.3	.04
13E	821409	20	440229	5955149	PH14	LT 1	7	00	M		BN		53	23	2	21	3	0.1	52	0.5	1	0.50	120	42.2	4.8	80	15	0.1	60	6.3	.01
13E	821410	20	440611	5952850	HUGP	1-5	10	00	M		BN		79	15	1	12	2	0.2	125	1.0	1	1.80	120	24.4	3.0	120	20	0.1	48	6.4	.10
13E	821411	20	441804	5950098	HUGP	LT 1	10	00	M		BN		76	18	2	20	5	0.2	80	1.0	1	1.85	110	46.6	2.1	180	25	0.1	28	6.6	.01
13E	821412	20	439156	5947054	HUGP	POND	4	00	M		BN		110	12	2	20	11	0.1	55	1.0	1	2.00	90	46.8	1.6	90	15	0.1	36	6.3	.01
13E	821413	20	438796	5942752	HUGP	POND	7	00	M		BN		26	10	1	8	2	0.1	50	0.5	1	0.40	90	28.0	0.9	70	5	0.1	50	6.5	.01
13E	821415	20	440482	5941756	HUGP	LT 1	10	00	M		BN		65	20	1	17	5	0.1	105	0.5	1	2.10	60	31.4	2.1	90	25	0.1	46	6.6	.01
13E	821416	20	502667	5981898	PHAW	LT 1	5	00	M		BN		98	10	5	8	6	0.2	130	1.0	3	2.10	70	26.6	6.9	210	40	0.2	110	6.9	.03
13E	821417	20	502097	5977248	PHAW	LT 1	10	00	M		BN		85	26	4	7	4	0.1	39	1.0	2	0.40	70	41.2	4.4	60	20	0.1	52	6.7	.03
13E	821418	20	501649	5973289	PH14	GT 5	18	00	M		BN		94	12	3	6	5	0.1	325	5.5	12	3.00	60	16.2	31.3	280	35	0.2	94	6.7	.01
13E	821419	20	501937	5971650	PH14	GT 5	8	00	M		BN		133	24	2	17	5	0.2	140	1.0	4	1.30	60	41.2	4.6	220	25	0.3	80	6.8	.01
13E	821420	20	501610	5967716	PH14	LT 1	20	00	M		TN		93	14	2	9	7	0.1	3650	2.0	7	1.40	60	36.8	9.3	220	30	0.1	90	6.9	.01
13E	821422	20	497498	5968352	PHAW	LT 1	14	10	M		BN		73	8	1	7	4	0.1	110	1.0	2	1.00	70	33.4	3.9	130	30	0.1	84	6.8	.01
13E	821423	20	497498	5968352	PHAW	LT 1	14	20	M		BN		77	8	1	6	4	0.1	110	1.0	3	0.95	60	32.8	3.8	130	25	0.1	90	6.6	.01
13E	821424	20	494929	5966577	PHAW	1-5	5	00	M		BN		103	18	3	12	8	0.1	275	0.5	4	2.90	80	29.8	3.4	250	30	0.1	66	6.6	.01
13E	821425	20	492102	5968078	PH14	LT 1	5	00	M		BN		43	10	1	9	2	0.1	53	0.5	1	0.60	70	23.0	2.9	160	15	0.1	110	6.9	.03
13E	821426	20	487566	5966310	PH14	LT 1	4	00	M		GY BN		48	9	1	8	6	0.1	130	1.0	1	1.40	40	9.6	3.4	320	25	0.1	1140	6.9	.05
13E	821427	20	483147	5966027	PH14	1-5	5	00	M		BN		70	15	1	15	4	0.1	65	1.0	1	0.70	60	42.6	2.6	150	20	0.1	54	6.3	.01
13E	821428	20	479171	5967564	PH14	1-5	10	00	M		BN		118	22	1	11	8	0.1	200	1.5	3	2.20	60	36.8	6.0	220	25	0.2	56	6.1	.01
13E	821429	20	477778	5966598	PH14	LT 1	5	00	M		BN		68	16	1	12	6	0.1	50	1.0	2	0.75	70	41.8	2.7	100	15	0.2	56	6.2	.01
13E	821430	20	473134	5967420	PH14	LT 1	7	00	M		BN		84	17	3	9	3	0.1	50	1.0	2	0.70	70	38.8	5.2	100	15	0.4	76	6.4	.01
13E	821431	20	470618	5966603	PH14	LT 1	6	00	M		TN		112	21	2	11	5	0.1	54	0.5	2	0.60	70	50.8	3.6	90	20	0.2	38	6.0	.01
13E	821432	20	466824	5967194	PH14	LT 1	8	00	M		TN		70	14	2	10	3	0.2	38	1.0	3	0.50	70	36.8	3.5	80	10	0.1	72	6.3	.01
13E	821434	20	461870	5966164	PH14	LT 1	6	00	M		TN		150	21	3	10	3	0.2	37	0.5	11	0.20	80	50.2	11.4	140	10	0.4	98	5.9	.01
13E	821435	20	458195	5966329	PH14	LT 1	8	00	M		TN BN		87	21	3	12	3	0.2	42	1.0	1	0.30	70	44.0	7.7	9					

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E L F	C O N T	SMPL COLOR	S U P		ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH																												
13E	823008	20	434365	5898787	HUGP	LT 1	3	00	L		BN			57	15	1	15	14	0.1	137	0.5	1	1.15	80	19.0	1.6	240	25	0.2	30	6.5	.01
13E	823009	20	435266	5903811	HUGP	LT 1	9	00	M		GN			58	10	1	10	9	0.1	100	1.0	1	2.80	90	4.0	1.1	200	25	0.1	22	6.1	.01
13E	823010	20	434171	5905021	HUGP	LT 1	20	00	H		BN			122	32	1	21	12	0.2	190	1.0	1	2.10	190	33.2	1.7	170	35	0.1	24	6.2	.01
13E	823011	20	433802	5914924	HUGP	LT 1	3	00	M		BN			47	22	2	16	6	0.2	74	0.5	2	0.65	130	41.2	1.1	170	15	0.2	32	6.9	.01
13E	823012	20	433991	5916859	HUGP	LT 1	3	00	L		BN	L		52	27	1	22	3	0.1	85	0.5	1	0.65	140	75.6	0.5	90	20	0.1	36	6.6	.01
13E	823013	20	434241	5920463	HUGP	LT 1	6	00	L		GN			140	39	1	23	11	0.1	248	0.5	1	1.70	170	34.2	1.3	180	40	0.2	22	6.2	.01
13E	823014	20	434586	5924201	HUGP	LT 1	6	00	M		BN			42	37	2	12	2	0.1	42	1.0	1	0.40	180	36.6	0.9	60	20	0.1	20	6.1	.01
13E	823015	20	435353	5926197	HUGP	LT 1	9	00	H		BN			68	38	2	22	3	0.1	60	0.5	1	1.35	210	56.8	0.8	70	35	0.1	10	6.2	.01
13E	823016	20	445110	5929052	HUGP	LT 1	12	00	M		BN			105	76	2	13	6	0.3	143	0.5	1	1.00	210	38.4	4.1	110	40	0.3	10	6.3	.01
13E	823017	20	447496	5931380	HUGP	LT 1	4	00	M		BN			63	9	3	17	12	0.1	243	1.0	1	1.55	70	9.6	1.9	260	40	0.1	24	6.2	.01
13E	823018	20	451833	5932183	HUGP	LT 1	7	00	M		BN			50	13	2	13	2	0.2	44	1.0	1	0.65	140	30.0	2.0	70	20	0.2	22	5.9	.01
13E	823019	20	454511	5931908	HUGP	LT 1	15	00	L		BN			88	16	1	14	4	0.1	66	1.0	1	1.60	150	41.0	3.5	100	40	0.1	26	6.0	.01
13E	823020	20	458918	5929919	HUGP	LT 1	30	00	L		BN			72	18	2	9	8	0.1	176	1.0	1	2.60	130	23.2	2.0	180	35	0.1	24	6.1	.01
13E	823022	20	461179	5930235	HUGP	LT 1	5	00	L		BN			53	16	2	10	4	0.1	66	1.0	1	0.90	130	25.6	1.2	110	15	0.2	26	6.4	.03
13E	823023	20	467424	5929737	HUGP	1-5	5	00	L		BN			77	13	1	12	8	0.1	180	0.5	1	1.85	180	30.2	0.8	160	20	0.2	44	6.7	.01
13E	823024	20	469786	5930243	HUGP	LT 1	6	00	L		BN			44	9	1	10	7	0.1	100	1.5	1	1.80	80	10.0	1.4	180	15	0.1	28	6.4	.12
13E	823025	20	472073	5931181	HUGP	GT 5	5	00	L		BN			118	12	2	15	20	0.1	725	1.0	2	3.20	90	13.8	2.1	310	35	0.2	38	6.6	.01
13E	823026	20	475975	5930311	HUGP	GT 5	8	10	L		BN			75	24	1	11	6	0.1	110	0.5	1	1.30	230	20.4	4.4	180	20	0.1	48	6.6	.03
13E	823027	20	475975	5930311	HUGP	GT 5	8	20	L		BN			70	24	1	12	5	0.2	108	0.5	1	1.20	140	20.2	3.6	170	20	0.1	48	6.5	.04
13E	823028	20	479605	5929899	HUGP	LT 1	4	00	L		BN			60	17	5	12	8	0.1	120	1.0	1	1.00	130	37.6	0.9	120	15	0.1	44	6.5	.01
13E	823029	20	482350	5930955	HUGP	LT 1	4	00	L		BN			85	18	8	16	7	0.1	97	1.0	1	1.65	100	43.2	1.2	170	15	0.1	30	6.6	.01
13E	823030	20	490019	5931678	HUGP	GT 5	8	00	M		GN			165	27	1	20	14	0.1	280	1.5	2	3.40	150	14.4	3.0	360	40	0.2	30	6.5	.01
13E	823031	20	493462	5930200	HUGN	LT 1	3	00	L		BN			47	11	1	10	8	0.1	100	1.5	1	0.80	90	8.0	1.7	200	20	0.2	28	6.5	.01
13E	823032	20	497975	5930153	HUGN	LT 1	5	00	H		BN			44	17	3	15	5	0.1	66	0.5	1	0.65	120	23.6	1.3	170	20	0.1	24	6.6	.01
13E	823034	20	506037	5932607	HUGN	1-5	16	00	M		BN			182	31	1	17	19	0.1	573	1.0	2	4.10	110	19.4	2.7	270	50	0.2	10	6.5	.01
13E	823035	20	507468	5933865	PH10	LT 1	7	00	M		BN			49	16	2	8	4	0.1	212	0.5	1	1.10	60	7.6	2.5	230	25	0.2	10	6.7	.03
13E	823036	20	503857	5934271	HUGN	LT 1	4	00	L		TN	GN		180	21	1	21	49	0.1	2130	1.0	3	8.00	110	15.2	1.9	280	75	0.1	10	6.3	.01
13E	823037	20	499024	5935646	HUGN	1-5	17	00	M		BN			148	29	1	18	11	0.1	305	0.5	1	2.40	130	38.2	2.0	180	50	0.3	20	6.4	.01
13E	823038	20	494353	5933599	HUGP	GT 5	7	00	M		BN			110	18	1	13	17	0.1	365	1.0	2	2.30	90	11.6	2.3	260	30	0.1	26	6.6	.01
13E	823039	20	491819	5933183	HUGP	GT 5	7	00	M		TN	GN		68	10	1	7	13	0.1	700	1.0	1	4.10	80	5.8	1.6	160	25	0.1	28	6.6	.01
13E	823040	20	489356	5932918	HUGP	GT 5	6	00	L		BN			75	14	1	11	9	0.1	245	1.0	1	1.50	40	8.4	5.3	260	20	0.1	30	6.5	.01
13E	823042	20	483091	5935624	HUGP	LT 1	6	10	M		BN			150	23	1	16	15	0.1	365	0.5	2	2.70	130	25.8	1.6	410	45	0.1	24	6.3	.03
13E	823043	20	483091	5935624	HUGP	LT 1	6	20	M		BN			163	23	1	17	15	0.1	388	0.5	2	3.00	130	27.4	2.0	380	50	0.1	24	6.4	.01
13E	823044	20	480616	5935785	HUGP	POND	4	00	L		BN			76	10	1	10	9	0.1	190	1.0	1	1.90	60	7.4	1.5	240	20	0.1	48	6.9	.01
13E	823045	20	472132	5934443	HUGP	LT 1	6	00	L		BN			57	30	1	12	4	0.1	72	1.0	1	0.80	170	40.4	2.7	130	20	0.1	36	6.4	.01
13E	823046	20	470305	5934843	HUGP	1-5	5	00	L		GN			125	21	1	16	11	0.1	430	1.0	4	3.70	130	18.4	2.4	230	50	0.1	36	6.5	.01
13E	823047	20	465624	5936179	HUGP	LT 1	4	00	L		BN			32	16	2	11	2	0.1	50	1.0	1	0.30	120	36.6	1.3	100	15	0.2	38	6.4	.03
13E	823049	20	462625	5935123	HUGP	POND	5	00	L		BN			87	11	1	14	5	0.1	73	0.5	1	0.95	100	42.2	0.5	80	10	0.3	32	6.6	.01
13E	823050	20	458278	5935627	HUGP	LT 1	5	00	L		BN			37	16	1	12	3	0.1	70	1.5	1	0.80	140	26.0	1.1	150	20	0.1	36	6.3	.01
13E	823051	20	456938	5935232	HUGP	GT 5	8	00	L		BN			128	30	1	21	10	0.3	173	1.0	1	3.90	170	29.4	2.6	230	60	0.1	28	6.2	.01
13E	823052	20	452789	5936198	HUGP	GT 5																										

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	823063	20	437636	5899627	HUGP	LT 1	6	00	M		GN BN		85	20	1	12	8	0.1	183	1.0	2	1.20	210	20.2	1.9	140	40	0.1	30	6.8	.01
13E	823064	20	438860	5893802	HUGP	LT 1	25	00	M		BN		135	20	1	21	14	0.1	425	1.0	1	3.20	140	26.2	2.2	300	60	0.1	26	6.8	.03
13E	823065	20	439079	5889847	HUGP	LT 1	3	10	L		BN		50	5	1	9	5	0.2	210	1.5	1	3.20	50	3.6	1.5	200	30	0.1	24	6.9	.01
13E	823066	20	439079	5889847	HUGP	LT 1	3	20	L		BN		48	5	1	9	6	0.1	135	1.0	1	2.45	40	4.0	1.8	220	25	0.1	24	6.9	.03
13E	823067	20	435701	5889630	HUGP	1-5	5	00	L		BN		70	22	2	22	6	0.1	78	0.5	1	0.85	150	37.8	2.1	190	20	0.2	20	6.6	.01
13E	823068	20	438204	5885445	HUGP	LT 1	3	00	H		BN		138	17	6	15	16	0.1	2000	1.5	2	5.20	130	21.2	1.8	220	60	0.2	26	6.8	.01
13E	823069	20	437474	5880122	HUGP	LT 1	5	00	M		BN		130	16	2	13	11	0.2	343	0.5	1	2.40	120	21.4	1.6	200	50	0.1	20	6.7	.01
13E	823070	20	437095	5875782	HUGP	1-5	10	00	H		GN BN		80	27	1	18	9	0.2	240	1.0	1	1.80	90	4.8	3.8	310	45	0.1	20	6.6	.01
13E	823071	20	438709	5873784	HUGN	LT 1	7	00	H		BN		52	12	1	9	5	0.1	85	1.0	1	0.75	80	7.2	1.8	210	30	0.1	10	6.6	.01
13E	823072	20	465973	5874147	HUGN	LT 1	23	00	H		GN BN		168	43	1	24	36	0.3	3000	1.0	2	9.10	280	30.6	1.9	110	90	0.3	10	6.5	.01
13E	823073	20	457915	5875800	HUGP	LT 1	17	00	H		GN		162	26	1	20	7	0.3	168	1.0	2	2.70	70	34.0	4.9	200	85	0.3	10	6.6	.04
13E	823074	20	459409	5874100	HUGN	LT 1	4	00	H		BN		40	5	3	10	10	0.1	172	0.5	1	0.90	80	13.0	0.7	180	25	0.1	10	6.7	.01
13E	823076	20	461549	5874150	HUGN	LT 1	6	00	H		BN		40	19	1	18	7	0.2	53	0.5	2	1.00	210	34.8	0.5	60	20	0.1	24	6.8	.01
13E	823077	20	456318	5873920	HUGN	1-5	4	00	H		BN		28	7	1	9	3	0.1	85	0.5	1	0.70	50	3.0	1.8	170	20	0.1	22	6.9	.01
13E	823078	20	452656	5874282	HUGN	LT 1	7	00	M		BN		70	13	1	14	4	0.2	73	1.0	1	1.45	110	20.0	1.7	170	30	0.1	10	6.5	.01
13E	823079	20	449570	5874083	HUGN	LT 1	7	00	H		BN		43	9	1	9	3	0.2	70	0.5	1	0.75	70	12.2	1.1	170	30	0.1	10	6.4	.01
13E	823080	20	446065	5873346	HUGN	LT 1	9	00	H		BN		94	16	1	17	13	0.2	290	1.0	2	2.70	90	19.8	1.4	200	40	0.1	10	6.3	.01
13E	823082	20	441326	5876955	HUGP	1-5	40	00	H		BN		153	27	1	13	18	0.3	550	1.0	3	6.30	180	27.8	1.8	200	90	0.1	10	6.3	.01
13E	823083	20	441464	5879061	HUGP	LT 1	7	00	M		BN		60	7	1	9	7	0.1	87	0.5	1	2.20	100	8.2	1.5	240	45	0.1	10	6.5	.01
13E	823084	20	440532	5884758	HUGP	LT 1	2	00	M		BN	H	43	4	1	9	6	0.1	135	1.5	1	1.50	40	2.0	1.7	190	30	0.1	10	6.5	.01
13E	823085	20	442052	5888294	HUGP	POND	5	10	M		BN		44	17	1	11	1	0.2	75	1.0	1	0.45	110	33.6	1.3	60	30	0.2	10	6.7	.01
13E	823086	20	442052	5888294	HUGP	POND	5	20	M		BN		40	18	1	11	1	0.2	70	0.5	1	0.55	140	31.8	1.4	50	25	0.1	24	6.6	.01
13E	823087	20	441624	5892441	HUGP	LT 1	38	00	M		BN		138	32	1	21	17	0.3	990	0.5	2	5.20	240	29.2	2.4	320	90	0.2	10	6.7	.03
13E	823088	20	440285	5895130	HUGP	LT 1	4	00	L		BN		180	41	1	24	11	0.1	150	1.5	2	2.75	170	27.6	3.1	220	60	0.1	22	6.6	.01
13E	823089	20	440196	5900449	HUGP	LT 1	10	00	L		BN		70	32	1	14	4	0.2	73	0.5	1	1.10	160	28.6	1.1	70	30	0.1	24	6.5	.01
13E	823091	20	440958	5903125	HUGP	1-5	15	00	L		GN BN		130	25	1	19	14	0.2	405	1.0	2	3.00	160	18.8	1.8	250	50	0.1	26	6.5	.01
13E	823092	20	441349	5904476	HUGP	1-5	5	00	L		BN		74	31	2	21	12	0.1	170	2.0	2	2.00	130	11.4	3.6	330	35	0.1	24	6.6	.01
13E	823093	20	439604	5910055	HUGP	LT 1	8	00	M		BN		97	32	2	23	5	0.2	93	0.5	1	0.90	240	36.8	1.2	180	20	0.2	24	6.3	.01
13E	823094	20	439741	5911336	HUGP	LT 1	28	00	M		BN		165	44	2	18	12	0.4	313	1.0	1	2.45	280	51.8	1.4	120	50	0.2	10	6.4	.01
13E	823095	20	440889	5916105	HUGP	LT 1	6	00	M		BN		43	16	1	11	7	0.1	63	1.0	1	0.90	70	4.2	2.6	240	25	0.1	22	6.8	.01
13E	823096	20	439867	5918756	HUGP	GT 5	24	00	H		BN		80	27	1	18	12	0.3	205	1.0	2	1.65	130	14.6	1.8	300	60	0.1	24	6.8	.01
13E	823097	20	440343	5924041	HUGP	1-5	27	00	M		BN		145	56	1	21	22	0.1	560	0.5	1	4.90	240	30.6	1.2	200	80	0.1	10	6.5	.01
13E	823098	20	440927	5926445	HUGP	LT 1	9	00	H		BN		115	42	3	21	17	0.2	368	0.5	1	2.10	210	31.8	1.6	230	50	0.1	26	6.8	.01
13E	823099	20	445570	5878622	HUGP	LT 1	3	00	M		BN		80	9	1	10	7	0.2	63	0.5	1	5.00	120	32.6	0.9	130	20	0.1	22	6.6	.01
13E	823100	20	449839	5877243	HUGP	LT 1	3	00	L		BN		153	13	1	17	15	0.1	360	1.5	1	7.70	100	40.0	3.5	140	15	0.1	10	6.8	.01
13E	823102	20	451963	5876550	HUGP	LT 1	5	00	M		BN		57	12	2	13	6	0.1	100	1.0	1	1.65	100	17.8	1.7	200	50	0.1	20	6.8	.03
13E	823103	20	453773	5877020	HUGP	LT 1	4	00	M		TN BN		57	8	1	8	10	0.2	205	1.0	1	2.15	60	6.8	1.3	160	60	0.1	10	6.8	.01
13E	823104	20	462271	5878679	HUGP	LT 1	4	00	L		BN		100	17	1	19	15	0.1	220	1.5	2	4.10	90	17.6	2.1	280	60	0.1	24	6.7	.03
13E	823105	20	466252	5876736	HUGN	LT 1	4	00	H		BN	L	50	13	2	14	10	0.1	108	0.5	1	0.90	130	18.8	1.4	200	30	0.1	10	6.9	.01
13E	823106	20	471190	5876484	HUGN	1-5	30	00	H		BN		68	16	6	18	10	0.1	230	1.0	1	1.90	130	15.6	1.5	270	50	0.1	10	6.8	.01
13E	823107	20	493693	5874160	HUGP	LT 1	4	10	M		BN		37	15	3	7	2	0.1	42	1.0	1	0.65	140	27.8	7.4	110	30	0.1	34	6.4	.19</

MAP	ID	UTM COORDINATS		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL	S U	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST NORTH					L F	N T																					COLOR
13E	823117	20	528362	5873641	HUGN	1-5	4	00	H	BN		65	12	2	21	27	0.1	1100	0.5	1	3.75	90	6.6	1.2	230	50	0.1	10	6.3	.01
13E	823118	20	531216	5875047	HUGN	1-5	13	00	H	BN		110	22	2	32	19	0.2	470	0.5	1	2.60	130	20.0	1.5	210	45	0.1	10	6.7	.01
13E	823119	20	531039	5878278	HUGN	1-5	18	00	H	BN		190	54	1	40	18	0.1	835	0.5	1	6.90	360	31.8	1.8	220	60	0.1	10	6.6	.01
13E	823122	20	527173	5877955	HUGN	1-5	16	00	H	BN		130	20	1	28	29	0.2	1180	1.0	1	4.20	120	17.6	1.4	240	60	0.1	10	6.7	.01
13E	823123	20	522621	5877577	HUGN	LT 1	27	00	H	BN		188	65	1	80	48	0.1	1850	1.0	1	9.20	320	29.8	1.7	180	120	0.2	10	6.6	.01
13E	823124	20	520704	5877489	HUGN	1-5	12	10	H	BN		88	16	2	42	30	0.2	740	0.5	1	3.00	110	18.6	1.3	220	50	0.1	10	6.3	.01
13E	823125	20	520704	5877489	HUGN	1-5	12	20	H	BN		98	18	2	40	33	0.1	780	1.0	1	3.10	120	19.0	1.3	230	55	0.1	10	6.2	.01
13E	823126	20	516591	5877928	HUGN	GT 5	6	00	M	BN		38	10	2	16	11	0.1	620	1.0	1	2.00	50	3.0	1.8	310	30	0.1	10	6.1	.01
13E	823127	20	513896	5876223	HUGN	1-5	7	00	H	BN		75	46	1	32	11	0.1	245	1.0	1	2.20	80	8.6	2.8	310	45	0.1	10	6.1	.01
13E	823128	20	509768	5877812	HUGN	LT 1	10	00	M	GN	BN	120	19	1	16	17	0.1	595	0.5	1	5.50	120	17.4	1.6	190	65	0.1	10	6.0	.01
13E	823129	20	507012	5877631	HUGN	LT 1	4	00	L	BN		27	8	1	10	5	0.2	100	0.5	1	2.20	100	14.6	1.4	250	30	0.1	22	6.4	.13
13E	823130	20	503144	5876501	HUGP	LT 1	19	00	L	BN		163	24	1	18	8	0.2	270	0.5	1	5.60	160	33.0	1.9	200	80	0.2	10	6.5	.01
13E	823131	20	498208	5877566	HUGP	LT 1	10	00	L	GN		62	10	1	14	8	0.1	198	0.5	2	2.40	50	5.0	3.1	320	40	0.1	24	6.7	.03
13E	823132	20	495785	5875771	HUGP	LT 1	6	00	L	BN		48	11	2	13	6	0.1	160	1.0	1	1.35	40	5.2	2.5	380	25	0.1	28	6.7	.03
13E	823134	20	491593	5879975	HUGP	LT 1	5	00	M	BN		113	17	1	26	38	0.1	3050	1.0	2	6.00	90	10.6	2.9	370	55	0.1	20	6.5	.01
13E	823135	20	487450	5880598	HUGP	LT 1	8	00	M	BN		108	32	1	18	7	0.1	105	1.0	1	1.80	170	42.4	8.5	190	40	0.1	24	4.1	.01
13E	823136	20	486555	5878190	HUGP	GT 5	7	00	M	TN		50	11	1	17	21	0.1	3400	1.0	1	5.20	70	4.4	1.7	290	45	0.1	10	6.1	.01
13E	823137	20	482975	5878132	NH15	GT 5	30	00	H	BN		125	23	1	25	30	0.1	5600	1.0	1	10.40	80	11.0	1.8	270	65	0.1	10	6.2	.01
13E	823138	20	482876	5874134	HUGN	1-5	80	00	H	BN		195	39	1	19	21	0.1	1750	1.0	2	9.80	250	35.8	2.2	160	110	0.1	10	6.2	.03
13E	823139	20	481783	5873623	HUGN	LT 1	16	00	H	GN	BN	165	19	1	17	12	0.2	395	0.5	3	2.60	170	20.4	1.1	120	45	0.2	10	6.5	.01
13E	823140	20	479917	5876245	HUGN	LT 1	20	00	H	BN		173	34	1	25	23	0.1	2000	0.5	2	10.00	230	31.4	2.0	90	85	0.3	10	6.3	.01
13E	823142	20	483695	5881766	HUGP	LT 1	7	00	M	BN		70	20	4	15	4	0.1	88	1.0	1	0.80	120	28.4	4.3	200	30	0.1	10	5.9	.05
13E	823143	20	481481	5879686	HUGN	1-5	22	00	H	BN		48	19	2	15	6	0.2	213	1.0	1	1.30	60	3.0	2.9	350	25	0.1	10	6.2	.01
13E	823144	20	476674	5881695	HUGP	LT 1	8	10	H	BN		82	31	2	15	7	0.1	170	1.0	1	1.35	160	23.8	2.1	330	45	0.1	10	6.1	.01
13E	823145	20	476674	5881695	HUGP	LT 1	8	20	H	BN		64	28	2	13	5	0.1	140	1.0	1	0.90	130	33.0	1.4	190	40	0.1	10	6.3	.01
13E	823146	20	476259	5878053	HUGN	GT 5	28	00	M	GY	BN	80	43	3	25	15	0.1	1100	2.5	1	4.20	60	4.2	3.0	460	50	0.1	10	6.4	.01
13E	823147	20	473046	5877436	HUGN	1-5	10	00	M	GN		145	23	1	27	21	0.1	620	1.5	2	4.20	160	17.6	2.3	320	60	0.1	10	6.3	.01
13E	823148	20	469484	5879530	HUGN	1-5	28	00	M	BN		65	14	2	16	13	0.1	320	1.0	1	3.60	110	9.6	1.3	260	40	0.1	10	6.6	.01
13E	823149	20	465307	5879519	HUGP	LT 1	7	00	H	GN		80	10	1	15	11	0.1	288	0.5	1	4.10	80	11.4	1.2	260	40	0.1	22	6.7	.03
13E	823150	20	461057	5880803	HUGP	LT 1	4	00	M	BN		110	35	1	27	7	0.1	158	0.5	1	3.70	130	38.4	1.5	140	15	0.1	24	6.8	.06
13E	823151	20	457219	5881857	HUGP	GT 5	4	00	M	BN	BK	60	20	1	38	5	0.1	83	1.0	1	1.90	180	75.4	2.0	80	25	0.1	10	6.6	.01
13E	823152	20	454172	5881665	HUGP	1-5	9	00	L	GN		80	42	1	25	9	0.2	193	0.5	1	2.60	150	15.2	7.2	340	40	0.2	10	6.9	.03
13E	823153	20	450356	5881227	HUGP	GT 5	5	00	L	GN		95	12	1	17	10	0.1	710	1.0	1	4.25	70	9.6	1.3	250	20	0.1	20	7.0	.03
13E	823154	20	446661	5880979	HUGP	GT 5	7	00	L	GN	BN	88	11	1	18	11	0.1	350	0.5	1	3.70	70	9.2	1.9	280	40	0.1	10	6.9	.01
13E	823155	20	444308	5881578	HUGP	GT 5	17	00	L	GN	BN	125	18	1	14	14	0.1	353	0.5	1	5.20	110	18.0	1.5	230	65	0.1	10	6.7	.01
13E	823156	20	443655	5884570	HUGP	LT 1	5	00	M	BN		95	39	1	22	6	0.1	80	1.0	1	0.95	140	45.2	2.6	120	20	0.1	10	6.3	.03
13E	823158	20	444110	5889062	HUGP	POND	10	00	L	BN		75	24	1	12	3	0.3	70	1.0	1	0.95	170	35.4	1.7	80	20	0.1	26	6.9	.01
13E	823159	20	445166	5892486	HUGP	LT 1	4	00	M	GN		88	22	1	20	8	0.1	78	0.5	1	1.60	160	40.0	1.0	80	15	0.1	22	6.8	.03
13E	823160	20	444303	5900169	HUGP	POND	4	00	L	BN	BK	53	21	1	17	9	0.2	94	0.5	1	5.10	130	56.4	5.9	140	2	0.1	30	6.6	.01
13E	823162	20	444444	5903424	HUGP	1-5	15	00	M	BN		128	25	1	16	14	0.1	183	0.5	1	2.10	150	24.0	1.4	290	55	0.1	24	6.7	.01
13E	823163	20	445842	5906517	HUGP	LT 1	20	00	M	BN		75	19	1	13	9	0.1	170	0.5	1	1.55	130	17.0	1.5	340	45	0.1	20	6.6	.01
13E	823164	20	444320	5909918	HUGP	LT 1	5	00	L	BN		65	25	1	19	9	0.1	15												

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		L	N	T																											
13E	823173	20	516455	5894609	HUGN	LT	1	10	20	H	BN		75	22	1	22	6	0.1	175	1.0	1	1.70	120	22.0	22.4	300	40	0.1	26	6.0	.18
13E	823174	20	519493	5896128	NH15	LT	1	17	00	M	BN		138	32	1	15	17	0.2	398	1.0	1	9.00	200	37.4	6.4	170	100	0.2	20	5.8	.05
13E	823175	20	523200	5896420	NH15	LT	1	10	00	M	BN		48	17	1	8	2	0.2	67	0.5	1	0.70	120	23.6	3.6	90	40	0.1	26	6.3	.01
13E	823176	20	527244	5893766	NH15	LT	1	10	00	H	BN		105	55	1	16	9	0.3	225	0.5	1	2.00	160	32.4	19.6	210	40	0.2	22	6.1	.15
13E	823177	20	529902	5895921	NH15	LT	1	15	00	M	BN		120	33	1	17	8	0.1	233	1.0	1	5.30	100	26.8	5.9	280	70	0.1	24	6.3	.01
13E	823178	20	530563	5891069	NH15	LT	1	22	00	H	BN		90	29	1	14	4	0.2	135	1.0	1	2.60	190	58.4	6.9	120	15	0.1	30	6.2	.01
13E	823179	20	530824	5886010	HUGN	LT	1	11	00	H	BN		80	45	1	13	4	0.1	100	0.5	1	1.60	210	38.4	2.7	150	65	0.2	10	5.7	.01
13E	823182	20	529976	5881881	HUGN	1-5	115	00	H	BN		148	28	1	21	38	0.1	1630	0.5	1	7.70	260	32.6	1.4	220	100	0.1	10	6.3	.01	
13E	823184	20	527381	5879966	HUGN	LT	1	20	00	H	BN		122	23	1	22	30	0.1	735	0.5	2	6.60	190	16.4	1.8	350	80	0.1	10	6.3	.01
13E	823185	20	527389	5883178	HUGN	LT	1	4	00	H	BN		37	14	1	8	3	0.2	45	1.0	1	0.65	160	27.4	0.8	90	15	0.1	22	6.2	.01
13E	823186	20	527569	5886567	HUGN	LT	1	25	00	H	BN		100	32	1	23	23	0.2	335	1.5	2	4.60	250	23.8	4.1	310	75	0.1	28	6.6	.01
13E	823187	20	526650	5892536	NH15	LT	1	10	10	H	BN		90	53	1	12	7	0.2	160	1.0	2	1.40	200	28.8	29.9	130	50	0.3	24	5.7	.11
13E	823188	20	526650	5892536	NH15	LT	1	10	20	H	BN		85	56	1	12	6	0.3	145	1.0	1	1.10	180	31.8	29.5	130	50	0.3	24	5.6	.10
13E	823189	20	525157	5892078	NH15	LT	1	15	00	H	BN		58	39	1	15	4	0.2	97	0.5	1	0.65	130	32.6	26.0	160	35	0.2	22	5.7	.15
13E	823190	20	522262	5886534	HUGN	LT	1	8	00	M	BN		48	26	1	8	2	0.2	80	0.5	1	0.70	150	34.2	19.1	140	35	0.1	22	5.8	.10
13E	823191	20	523034	5885605	HUGN	LT	1	5	00	L	BN		135	38	1	15	4	0.2	88	0.5	1	2.00	140	39.2	18.5	210	40	0.1	24	5.7	.08
13E	823192	20	522799	5880369	HUGN	LT	1	25	00	H	BN		35	7	1	17	4	0.1	88	1.0	1	1.45	60	8.4	1.4	240	30	0.1	10	5.8	.01
13E	823193	20	521469	5881561	HUGN	LT	1	23	00	H	BN		48	9	1	12	9	0.1	140	0.5	1	1.70	70	2.2	1.4	240	30	0.1	20	5.9	.01
13E	823194	20	519303	5885954	HUGN	LT	1	6	00	M	BN		105	28	1	12	5	0.1	54	0.5	2	1.55	160	32.4	8.0	180	40	0.1	22	5.9	.01
13E	823195	20	521317	5886798	HUGN	LT	1	13	00	M	BN		48	20	1	6	2	0.1	67	0.5	1	0.60	140	28.0	14.3	150	30	0.1	20	5.8	.13
13E	823196	20	519328	5891102	HUGN	LT	1	5	00	H	BN		49	24	1	15	4	0.1	72	0.5	1	0.60	120	33.2	28.8	130	25	0.1	44	6.3	.35
13E	823197	20	515357	5892334	HUGN	LT	1	8	00	H	BN		85	42	1	18	30	0.1	275	1.0	1	2.80	310	32.6	32.4	400	40	0.1	46	6.6	.38
13E	823198	20	515616	5886373	HUGN	POND	10	00	M	BN		37	41	1	5	2	0.2	40	0.5	1	0.35	160	36.2	8.1	70	30	0.1	24	5.9	.01	
13E	823199	20	516624	5886059	HUGN	POND	5	00	M	GN	BN		21	21	1	4	1	0.1	20	1.0	1	0.20	130	29.6	6.7	70	5	0.1	36	6.0	.13
13E	823200	20	516519	5882054	HUGN	LT	1	6	00	M	BN		55	27	1	31	8	0.2	153	1.5	1	1.65	80	9.2	2.5	350	30	0.1	22	6.2	.01
13E	823202	20	513997	5881015	HUGN	LT	1	12	00	M	BN		53	23	1	16	11	0.1	180	0.5	1	2.55	80	6.0	2.9	310	45	0.1	10	5.5	.01
13E	823203	20	509119	5879997	HUGN	LT	1	8	10	M	BN		43	21	1	14	3	0.1	73	0.5	1	0.70	160	36.2	1.4	130	30	0.2	10	6.0	.01
13E	823204	20	509119	5879997	HUGN	LT	1	8	20	M	BN		45	21	1	14	2	0.1	73	0.5	1	0.70	140	35.4	1.5	130	30	0.2	10	5.8	.01
13E	823205	20	510472	5882862	HUGN	LT	1	6	00	M	BN		45	13	1	12	3	0.1	65	1.0	1	0.70	100	28.2	1.2	110	20	0.1	24	6.0	.01
13E	823206	20	513938	5885433	HUGN	LT	1	13	00	M	BN		115	200	1	21	10	0.2	180	1.5	1	2.70	140	21.6	58.6	360	50	0.3	38	6.3	.01
13E	823207	20	513750	5886437	HUGN	LT	1	12	00	M	BN		160	63	1	23	19	0.2	580	1.0	1	6.00	140	20.0	29.4	370	70	0.2	30	6.2	.01
13E	823208	20	509227	5887760	HUGN	LT	1	7	00	M	BN		32	27	1	3	1	0.1	38	1.0	1	0.60	160	34.6	3.1	90	20	0.1	32	6.1	.10
13E	823210	20	509727	5892226	HUGN	LT	1	24	00	H	BN		67	39	1	12	9	0.2	220	1.0	1	1.70	270	49.4	3.7	130	40	0.2	30	6.4	.01
13E	823211	20	512882	5892273	HUGN	LT	1	14	00	H	BN		93	51	1	17	23	0.1	220	1.0	4	2.60	420	29.6	7.6	240	45	0.3	28	5.9	.01
13E	823212	20	510046	5895500	HUGN	1-5	45	00	H	BN		122	64	1	31	20	0.2	1150	1.0	1	7.30	260	24.6	10.1	220	50	0.1	28	6.3	.01	
13E	823213	20	502857	5896769	HUGN	LT	1	24	00	H	BN		75	31	1	12	8	0.1	300	1.0	1	2.70	240	43.2	1.8	180	55	0.3	24	6.3	.01
13E	823214	20	504819	5896775	HUGN	LT	1	13	00	H	BN		37	20	1	11	6	0.1	115	0.5	1	1.05	130	37.2	0.8	80	35	0.2	26	6.1	.01
13E	823215	20	507378	5892260	HUGN	LT	1	4	00	M	BN		68	24	1	20	8	0.2	160	0.5	1	1.30	160	30.2	3.8	170	40	0.2	34	6.5	.05
13E	823216	20	503063	5890129	HUGN	POND	15	00	H	BN		37	37	1	8	3	0.2	58	0.5	1	0.40	180	44.8	6.3	170	20	0.1	44	6.3	.01	
13E	823217	20	500456	5888209	HUGN	LT	1	8	00	M	BN		59	26	1	11	4	0.1	62	0.5	1	1.05	150	32.4	2.2	150	45	0.1	74	6.3	.01
13E	823218	20	506020	5886939	HUGN	LT	1	7	00	H	BN		80	54	1	20	7	0.2	117	1.0	1	2.50	160	41.6	4.2	220	45	0.1	40	6.3	

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		LN	TP																												
13E	823229	20	477951	5884782	HUGP	LT 1	7	00	M		BN		34	19	1	9	6	0.1	48	1.0	5	1.20	140	33.0	1.4	120	20	0.2	26	5.9	.01
13E	823230	20	473772	5883552	HUGP	1-5	15	00	M		BN		75	33	1	11	6	0.1	175	0.5	1	2.30	170	32.2	2.0	160	70	0.2	22	5.8	.01
13E	823231	20	473273	5881904	HUGP	LT 1	7	00	M		BN		30	14	2	8	2	0.1	15	0.5	1	0.40	120	28.6	0.7	150	15	0.1	28	6.3	.01
13E	823232	20	470522	5886147	HUGP	1-5	7	00	M		BN		50	19	2	10	5	0.2	102	0.5	1	1.05	100	19.0	1.9	250	30	0.2	28	6.4	.06
13E	823233	20	467168	5885041	HUGP	LT 1	4	00	M		BN		16	24	2	8	2	0.1	43	1.0	1	0.45	110	32.2	1.1	80	10	0.1	30	6.3	.01
13E	823234	20	463939	5883611	HUGP	LT 1	4	00	L		BN		50	10	1	12	9	0.1	153	1.0	1	1.75	60	11.4	2.4	350	35	0.1	28	6.6	.01
13E	823235	20	455248	5883095	HUGP	LT 1	4	00	M		GN		65	28	1	32	8	0.1	133	1.0	1	2.20	120	35.4	1.4	230	40	0.1	10	6.1	.01
13E	823236	20	452880	5882786	HUGP	POND	5	00	M		BN		30	55	1	53	3	0.1	55	0.5	1	0.55	230	65.0	3.2	90	20	0.2	24	6.5	.01
13E	823238	20	448890	5883701	HUGP	1-5	7	00	M		BN		52	26	3	21	10	0.1	230	1.0	1	1.85	60	3.0	3.9	430	40	0.1	20	6.3	.01
13E	823239	20	448365	5887035	HUGP	LT 1	4	00	M		BN		46	30	2	38	4	0.1	45	1.0	1	0.50	120	57.6	1.4	90	20	0.3	22	6.3	.01
13E	823240	20	446874	5892829	HUGP	POND	3	00	M		BN		28	19	1	11	2	0.1	27	0.5	1	0.30	110	30.2	1.6	150	10	0.2	46	6.6	.01
13E	823242	20	448829	5895291	HUGP	LT 1	7	10	M		BN		88	171	1	26	11	0.2	325	1.0	1	1.90	320	33.2	1.5	160	30	0.1	36	6.3	.01
13E	823243	20	448829	5895291	HUGP	LT 1	7	20	M		BN		95	215	1	30	11	0.1	395	1.0	1	1.75	420	34.2	1.9	160	35	0.1	34	6.4	.01
13E	823244	20	447927	5897611	HUGP	LT 1	14	00	H		BN		105	31	1	22	77	0.1	525	2.0	1	6.60	190	24.0	2.0	380	60	0.1	34	6.2	.01
13E	823245	20	448139	5903919	HUGP	1-5	4	00	M		BN		88	19	1	13	8	0.1	165	0.5	1	2.05	140	25.2	1.1	210	40	0.1	22	6.0	.01
13E	823246	20	446827	5904609	HUGP	1-5	7	00	M		GN	BN	84	26	1	18	15	0.1	155	1.0	2	1.90	190	16.8	1.8	310	40	0.2	22	6.1	.01
13E	823247	20	448030	5911137	HUGP	LT 1	4	00	M		BN		43	19	1	10	3	0.1	63	0.5	1	0.80	190	31.0	0.9	100	30	0.1	20	6.2	.01
13E	823248	20	447208	5912409	HUGP	LT 1	10	00	M		BN		63	25	1	9	7	0.1	143	1.0	1	1.20	200	33.4	0.9	150	45	0.2	22	6.5	.01
13E	823249	20	447559	5915753	HUGP	LT 1	10	00	H		BN		115	43	1	14	15	0.1	158	1.0	2	1.30	170	22.6	2.0	190	55	0.3	22	6.4	.01
13E	823250	20	447374	5920596	HUGP	LT 1	4	00	M		BN		42	27	2	15	4	0.1	45	0.5	1	0.70	150	36.2	1.2	90	20	0.1	26	6.4	.04
13E	823251	20	498382	5896759	HUGN	LT 1	12	00	H		BN		84	44	1	16	4	0.1	75	0.5	1	1.20	150	44.6	1.5	140	30	0.1	36	6.3	.01
13E	823253	20	498242	5891593	HUGN	POND	15	00	H		BN		100	34	1	8	3	0.1	82	1.0	1	1.50	140	47.8	2.3	180	30	0.2	80	6.4	.01
13E	823254	20	498651	5887294	HUGN	1-5	7	00	M		BN		103	23	1	11	5	0.1	80	1.0	1	2.25	90	34.6	2.0	180	50	0.1	58	6.3	.05
13E	823255	20	495240	5889134	HUGN	LT 1	8	00	M		BN		72	20	2	13	2	0.2	50	1.0	1	0.50	100	39.0	0.9	90	25	0.2	28	6.1	.04
13E	823256	20	489828	5887337	HUGP	LT 1	13	00	H		BN		145	26	1	8	9	0.1	190	1.0	2	3.10	110	25.6	3.1	150	90	0.2	30	6.5	.01
13E	823257	20	487153	5888762	HUGP	LT 1	27	00	H		BN		160	34	1	10	10	0.1	570	1.0	3	2.85	150	37.8	3.6	140	105	0.2	34	6.8	.03
13E	823258	20	484518	5888765	HUGP	1-5	6	00	M		BN		42	27	3	14	6	0.1	93	1.5	1	1.30	60	5.6	4.9	340	45	0.1	32	6.4	.08
13E	823259	20	481084	5888833	HUGP	LT 1	6	00	M		BN		43	12	1	4	2	0.2	40	0.5	1	1.60	80	22.4	1.0	110	30	0.1	36	6.5	.08
13E	823260	20	476468	5888253	HUGP	GT 5	10	00	H		BN		47	11	2	9	7	0.1	158	0.5	1	1.50	50	10.6	1.4	290	40	0.1	32	5.6	.03
13E	823262	20	471600	5886300	HUGP	LT 1	5	10	M		BN		130	35	1	15	5	0.1	47	0.5	1	0.55	160	44.4	4.1	90	30	0.2	32	6.3	.03
13E	823263	20	471600	5886300	HUGP	LT 1	5	20	M		BN		88	33	1	16	4	0.1	43	0.5	1	0.45	120	43.6	3.9	90	30	0.2	34	5.9	.01
13E	823264	20	468792	5887435	HUGP	LT 1	6	00	M		BN		160	40	1	20	15	0.1	235	1.0	1	3.05	130	28.4	2.5	220	60	0.2	30	6.1	.05
13E	823265	20	466432	5887729	HUGP	LT 1	28	00	M		BN		133	71	2	9	9	0.3	342	0.5	2	2.00	260	47.4	2.0	170	105	0.3	24	6.2	.01
13E	823266	20	463264	5887847	HUGP	LT 1	7	00	M		BN		37	30	2	4	2	0.1	58	0.5	1	0.35	130	29.4	0.9	80	35	0.2	22	6.0	.01
13E	823268	20	457529	5886559	HUGP	LT 1	4	00	L		BN		70	36	1	18	5	0.1	120	1.0	1	1.30	170	38.0	1.1	100	15	0.1	28	6.5	.01
13E	823269	20	455261	5888300	HUGP	LT 1	7	00	L		BN		68	35	2	21	3	0.1	73	0.5	1	0.80	160	55.8	1.2	100	20	0.1	24	6.0	.01
13E	823270	20	453831	5889898	HUGP	LT 1	10	00	H		TN	GN	77	82	1	12	1	0.2	18	1.0	1	0.10	210	28.8	2.5	60	15	0.1	110	6.9	.01
13E	823271	20	450845	5888861	HUGP	1-5	17	00	H		BN		145	31	1	27	19	0.1	440	1.0	1	4.10	110	13.6	3.5	430	90	0.1	32	6.7	.03
13E	823272	20	451921	5890419	HUGP	LT 1	4	00	H		BN		125	25	1	21	13	0.1	305	1.0	1	2.40	90	21.0	2.1	390	70	0.1	62	6.9	.01
13E	823273	20	451424	5894692	HUGP	LT 1	7	00	H		BN		48	37	1	14	10	0.1	100	1.5	1	2.30	50	3.0	3.5	560	35	0.1	64	6.6	.01
13E	823274	20	452880	5898387	HUGP	LT 1	8	00	M		GN	BN	118	29	1	20	13	0.1	48	1.5	5	1.85	110	27.6	5.6	140	40	0.1	36	6.6	.03

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C E O L N		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					F	T																					
13E	823286	20	476770	5892149	HUGP	LT 1	22	00	M		BN		53	25	1	10	6	0.1	130	1.0	1	1.25	140	32.4	1.5	190	40	0.2	24	6.4	.03
13E	823287	20	480666	5891488	HUGP	LT 1	5	00	M		BN		18	11	1	3	1	0.1	35	0.5	1	0.50	80	21.0	1.0	70	115	0.1	26	6.2	.03
13E	823288	20	484607	5891405	HUGP	LT 1	5	10	M		BN		70	25	1	15	5	0.1	65	1.0	1	1.20	100	47.2	1.5	80	40	0.2	24	6.3	.01
13E	823289	20	484607	5891405	HUGP	LT 1	5	20	M		BN		85	26	4	16	5	0.1	65	0.5	1	1.30	110	48.0	1.8	80	40	0.1	24	6.1	.03
13E	823290	20	486481	5891684	HUGP	LT 1	16	00	H		BN		63	36	1	11	11	0.1	172	1.0	3	2.10	170	38.2	2.7	180	90	0.1	28	6.3	.01
13E	823291	20	491824	5891113	HUGP	POND	5	00	H		BN		11	22	1	4	1	0.1	27	1.0	1	0.30	110	29.6	1.9	60	115	0.1	26	6.2	.01
13E	823292	20	494517	5891707	HUGN	LT 1	5	00	H		BN		33	34	1	14	2	0.1	42	0.5	1	0.50	130	45.4	2.4	70	20	0.1	20	6.0	.01
13E	823293	20	491105	5898383	HUGN	LT 1	4	00	H		BN		53	28	2	15	5	0.1	65	1.0	1	0.90	130	55.4	1.9	70	30	0.2	30	6.0	.03
13E	823294	20	487310	5898644	HUGN	LT 1	25	00	H		BN		120	52	1	12	17	0.3	765	1.0	1	6.20	150	35.8	8.5	100	100	0.2	26	6.2	.03
13E	823295	20	483911	5899716	HUGP	LT 1	5	00	H		BN		32	36	3	5	3	0.1	85	1.0	1	0.50	110	32.6	1.3	280	35	0.2	30	5.6	.01
13E	823296	20	481839	5903994	HUGN	1-5	26	00	H		TN	GN	168	118	1	11	11	0.2	378	1.5	2	7.20	180	29.0	6.9	420	100	0.3	22	6.0	.04
13E	823297	20	478675	5897658	HUGP	LT 1	6	00	H		BN		46	31	1	5	3	0.1	43	1.0	1	0.30	160	43.4	3.2	80	20	0.1	26	6.2	.03
13E	823298	20	476128	5896943	HUGP	LT 1	4	00	M		BN		98	17	1	12	11	0.1	230	1.0	2	5.60	100	28.8	1.4	220	120	0.1	22	6.4	.01
13E	823299	20	472663	5897152	HUGP	LT 1	7	00	M		GN	BN	170	14	1	12	18	0.1	248	0.5	1	11.80	100	28.2	1.7	260	120	0.1	22	6.5	.06
13E	823300	20	471608	5894229	HUGP	LT 1	4	00	H		BN		37	21	2	13	6	0.1	110	1.5	1	0.90	40	8.6	2.9	290	25	0.1	24	6.2	.01
13E	823302	20	469147	5894828	HUGP	LT 1	10	10	M		BN		99	48	1	9	7	0.1	135	0.5	1	1.10	160	34.4	1.6	130	60	0.1	28	6.2	.01
13E	823303	20	469147	5894828	HUGP	LT 1	10	20	M		BN		88	48	1	11	7	0.1	118	0.5	1	1.05	160	37.4	2.0	120	60	0.1	30	6.3	.01
13E	823304	20	466387	5895548	HUGP	LT 1	6	00	H		BN		123	29	1	13	11	0.1	205	1.0	1	3.30	110	25.4	0.6	350	45	0.1	26	6.1	.04
13E	823305	20	469453	5897867	HUGP	LT 1	3	00	L		BN	L	70	13	1	8	8	0.1	100	1.5	1	5.00	110	56.0	0.6	110	2	0.1	10	6.2	.01
13E	823306	20	465988	5898355	HUGP	1-5	3	00	L		BN		58	19	1	10	7	0.1	115	1.0	1	2.00	90	45.4	1.0	120	10	0.1	20	6.1	.03
13E	823307	20	463779	5898363	HUGP	1-5	4	00	L		BN		34	11	1	8	6	0.1	77	1.0	2	1.30	90	8.6	1.4	210	15	0.1	20	6.2	.03
13E	823308	20	464580	5901254	HUGP	LT 1	10	00	L		BN		50	10	1	8	8	0.1	160	0.5	1	2.50	60	17.4	1.3	240	50	0.1	22	6.3	.06
13E	823309	20	462030	5902057	HUGP	LT 1	5	00	L		BN		38	11	1	6	7	0.1	95	0.5	1	1.50	200	27.0	0.9	100	20	0.1	24	6.4	.05
13E	823310	20	458880	5901325	HUGP	LT 1	4	00	L		BN		25	11	1	4	3	0.1	53	0.5	1	0.50	90	23.2	0.5	90	10	0.1	22	6.0	.01
13E	823311	20	455956	5902547	HUGP	LT 1	4	00	M		BN		28	18	1	6	2	0.1	40	0.5	1	0.45	80	29.8	0.6	90	20	0.1	20	5.8	.01
13E	823313	20	453362	5903457	HUGP	LT 1	4	00	M		BN		28	19	1	8	2	0.1	43	1.0	1	0.60	90	31.8	0.4	60	15	0.1	24	6.2	.04
13E	823314	20	450978	5906791	HUGP	1-5	10	00	M		BN		95	30	1	13	9	0.1	158	0.5	1	2.30	100	24.6	1.4	240	40	0.1	22	6.1	.01
13E	823315	20	450912	5908467	HUGP	LT 1	30	00	H		BN		92	32	1	11	18	0.2	345	1.0	2	4.10	200	35.6	1.4	160	60	0.1	24	6.2	.01
13E	823316	20	452399	5911686	HUGP	LT 1	5	00	M		BN		12	13	1	4	1	0.1	25	0.5	1	0.25	90	24.2	0.6	60	10	0.1	20	6.1	.01
13E	823317	20	451553	5916209	HUGP	GT 5	20	00	M		BN		178	54	1	22	32	0.1	2000	1.0	2	8.10	180	26.0	2.0	220	115	0.1	22	6.3	.01
13E	823318	20	450346	5920929	HUGP	LT 1	5	00	M		BN		82	33	1	12	11	0.1	200	1.0	2	2.10	180	37.6	1.4	170	55	0.1	24	6.3	.03
13E	823319	20	443946	5930782	HUGP	1-5	19	00	H		GN	BN	200	52	1	22	42	0.2	2700	1.0	6	13.00	200	36.4	2.9	130	80	0.2	20	6.1	.03
13E	823320	20	441235	5930366	HUGP	LT 1	5	00	H		BN		53	48	3	11	10	0.1	90	1.0	2	0.75	130	33.4	2.4	80	45	0.2	10	5.9	.01
13E	823322	20	438534	5931601	HUGP	LT 1	3	00	H	1	BN		48	25	1	14	4	0.1	63	0.5	1	0.50	110	35.8	2.6	100	20	0.1	34	6.3	.03
13E	823323	20	455355	5915954	HUGP	LT 1	16	00	M		BN		65	33	1	14	8	0.2	175	0.5	1	1.95	120	29.4	2.3	210	55	0.1	26	6.5	.01
13E	823324	20	454997	5912719	HUGP	GT 5	12	00	M		BN		48	9	1	9	10	0.1	580	1.0	1	2.20	40	3.6	1.0	290	35	0.1	22	6.4	.01
13E	823325	20	456839	5910522	HUGP	GT 5	12	10	M		BN		108	32	1	12	9	0.1	250	1.0	1	2.00	120	21.2	1.6	210	60	0.2	22	6.3	.01
13E	823326	20	456839	5910522	HUGP	GT 5	12	20	M		BN		112	43	1	15	9	0.3	263	1.0	2	2.20	80	18.4	2.1	270	60	0.2	22	6.5	.01
13E	823327	20	456399	5904615	HUGP	LT 1	3	00	M		BN		46	16	1	15	5	0.2	20	1.0	1	0.25	130	44.0	0.8	60	20	0.2	20	6.2	.01
13E	823328	20	457881	5905777	HUGP	LT 1	25	00	M		BN		42	20	1	8	5	0.2	83	0.5	1	1.15	140	31.4	1.3	150	40	0.1	22	6.2	.01
13E	823329	20	462445	5905901	HUGP	1-5	15	00	M		BN		75	27	1	9	9	0.1	220	1.0	1	1.65	120	20.2	1.3	260	60	0.3	22	6.3	

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	823340	20	469516	5905776	HUGP	LT 1	3	00	L		BN		40	30	1	11	2	0.1	20	1.0	1	0.40	100	52.8	0.7	50	20	0.1	22	6.2	.01
13E	823342	20	474256	5904928	HUGP	LT 1	4	00	M		BN		32	20	1	8	2	0.2	38	0.5	1	0.35	30	31.4	0.5	70	15	0.1	28	6.5	.01
13E	823343	20	477824	5907670	HUGP	LT 1	42	00	H		BN		168	55	1	17	46	0.1	2100	1.0	310	0.00	100	30.6	5.2	230	140	0.1	26	6.4	.01
13E	823344	20	478570	5909020	HUGN	LT 1	14	00	H		BN		44	52	1	7	3	0.3	83	1.0	1	0.60	90	36.2	3.1	100	50	0.2	26	6.2	.01
13E	823345	20	480207	5906310	HUGN	LT 1	3	00	L		BN		78	32	3	21	29	0.1	398	0.5	1	3.35	50	20.6	2.9	330	60	0.1	26	6.4	.01
13E	823347	20	481511	5909778	HUGN	LT 1	25	00	H		BN		57	48	2	12	8	0.3	208	1.0	1	1.90	120	43.0	2.2	130	75	0.1	30	6.2	.01
13E	823348	20	481846	5912150	HUGN	LT 1	63	00	H		BN		170	148	1	22	31	0.4	325	1.5	4	4.20	220	41.6	8.7	310	70	0.1	26	6.6	.03
13E	823349	20	481349	5916303	HUGN	LT 1	6	10	H		BN		32	26	1	13	3	0.1	38	0.5	1	0.40	80	30.4	1.1	100	15	0.1	32	6.2	.01
13E	823350	20	481349	5916303	HUGN	LT 1	6	20	H		BN		28	26	1	13	2	0.1	40	1.0	1	0.30	40	32.8	1.1	90	15	0.1	34	6.1	.01
13E	823351	20	481358	5919858	HUGP	LT 1	4	00	M		BN		115	23	1	15	13	0.1	220	0.5	1	2.10	30	39.8	2.0	310	40	0.2	30	6.2	.01
13E	823352	20	477980	5919482	HUGP	LT 1	5	00	M		BN		49	46	1	11	4	0.1	45	1.0	1	0.35	40	31.8	5.0	90	15	0.1	54	6.3	.03
13E	823353	20	470475	5921412	HUGP	1-5	15	00	M		BN		88	29	1	17	22	0.1	1600	1.0	1	3.50	60	6.2	2.8	400	40	0.1	26	6.3	.01
13E	823354	20	465115	5920072	HUGP	LT 1	6	00	M		BN		22	20	2	9	2	0.1	43	1.0	1	0.50	30	31.2	1.1	60	20	0.1	22	6.0	.01
13E	823355	20	462630	5918779	HUGP	LT 1	10	00	H		BN		34	24	1	8	3	0.1	48	0.5	1	0.60	60	33.4	1.1	80	30	0.1	20	5.9	.01
13E	823356	20	459721	5920719	HUGP	LT 1	14	00	H		BN		45	49	1	8	9	0.1	80	0.5	1	0.95	80	26.4	4.1	130	40	0.1	26	6.4	.01
13E	823357	20	442106	5938888	HUGP	1-5	5	00	M		BN		42	11	1	8	16	0.1	1080	1.0	2	4.70	20	1.0	4.0	290	30	0.1	30	6.2	.01
13E	823358	20	445821	5939567	HUGP	LT 1	5	00	M		BN		108	17	1	12	11	0.1	165	1.0	3	7.40	40	25.6	2.1	230	65	0.1	32	6.4	.03
13E	823359	20	449461	5938152	HUGP	LT 1	5	00	M		BN		37	7	1	7	16	0.1	83	0.5	2	2.00	30	7.6	1.2	270	20	0.1	36	6.3	.01
13E	823360	20	455078	5937904	HUGP	LT 1	6	00	M		BN		90	23	1	15	14	0.1	193	1.0	3	3.20	30	16.4	2.9	320	60	0.1	38	6.5	.03
13E	823362	20	458947	5939217	HUGP	LT 1	7	10	M		BN		120	35	1	20	10	0.1	180	1.0	5	2.10	100	34.8	4.9	250	35	0.1	32	6.7	.01
13E	823363	20	458947	5939217	HUGP	LT 1	7	20	M		BN		48	22	1	14	6	0.1	115	1.0	2	0.90	70	25.0	2.8	160	30	0.1	36	6.4	.03
13E	823364	20	461212	5938562	HUGP	LT 1	7	00	M		BN		33	14	3	12	7	0.2	145	1.5	1	1.20	30	1.4	3.0	460	30	0.1	30	6.3	.01
13E	823365	20	465132	5937584	HUGP	LT 1	6	00	L		BN		55	21	1	12	4	0.2	75	0.5	2	0.50	90	37.2	1.7	110	25	0.2	38	6.1	.01
13E	823366	20	469627	5937791	HUGP	1-5	5	00	M		BN		110	21	1	13	8	0.2	230	1.0	3	2.60	120	34.6	2.2	180	45	0.1	42	6.4	.01
13E	823367	20	472078	5938157	HUGP	LT 1	4	00	M		GN BN		188	22	1	17	56	0.1	725	1.0	5	4.90	70	17.4	2.7	390	80	0.2	26	6.1	.01
13E	823368	20	478013	5938028	HUGP	LT 1	8	00	M		BN		55	21	2	12	10	0.1	180	0.5	2	1.50	100	28.2	1.6	210	65	0.1	40	6.1	.01
13E	823370	20	481867	5938745	HUGP	GT 5	5	00	M		BN		68	25	2	18	10	0.1	210	1.5	1	1.45	60	8.4	2.6	460	50	0.1	26	6.1	.01
13E	823371	20	485337	5937756	HUGP	LT 1	6	00	M		BN		103	18	1	12	10	0.1	260	1.0	2	1.85	80	28.2	1.4	300	55	0.1	24	6.0	.01
13E	823372	20	486256	5937112	HUGP	POND	4	00	L		BN		30	18	1	3	3	0.1	55	0.5	1	0.60	90	24.2	0.9	110	25	0.1	26	5.8	.01
13E	823373	20	490215	5939028	HUGP	LT 1	4	00	H		BN		75	25	1	11	5	0.1	100	1.0	1	0.60	100	30.2	1.4	130	35	0.1	28	6.2	.01
13E	823374	20	493772	5939783	HUGP	LT 1	4	00	H		BN		52	50	4	14	4	0.1	60	1.0	2	0.30	150	43.6	2.2	90	35	0.2	32	6.0	.01
13E	823375	20	498454	5938961	HUGP	LT 1	8	00	M		BN		47	21	2	4	7	0.1	140	1.0	1	1.15	100	14.4	2.5	250	70	0.1	28	6.1	.01
13E	823376	20	501428	5937497	HUGN	GT 5	4	00	M		BN		65	7	2	6	11	0.1	378	0.5	2	1.50	50	6.6	1.8	330	40	0.1	30	6.1	.01
13E	823377	20	509563	5936543	PH10	LT 1	10	00	M		BN		60	24	3	14	11	0.1	165	0.5	3	0.90	90	16.2	1.8	250	40	0.1	24	6.2	.03
13E	823378	20	509724	5935032	PH10	LT 1	14	00	H		BN		68	13	1	10	20	0.1	250	1.0	1	2.60	60	8.8	2.0	270	45	0.1	22	6.5	.01
13E	823379	20	512491	5934838	PH10	LT 1	7	00	H		BN		50	11	2	9	9	0.2	118	1.0	1	1.10	50	6.4	1.5	210	40	0.1	26	6.3	.03
13E	823380	20	515600	5934000	PH10	1-5	17	00	H		BN		127	31	1	12	27	0.1	850	1.0	3	7.20	130	22.6	2.8	210	75	0.2	20	6.1	.01
13E	823382	20	520061	5933562	PH10	1-5	7	00	H		BN		55	16	1	7	7	0.1	178	1.0	1	1.40	90	18.2	1.9	230	40	0.1	20	6.3	.01
13E	823383	20	524214	5934430	HUGN	LT 1	70	00	H		BN		110	24	6	11	25	0.1	1200	0.5	3	5.20	190	29.4	2.3	240	80	0.2	10	6.5	.01
13E	823384	20	526042	5934316	HUGN	LT 1	36	00	H		BN		175	35	1	21	39	0.1	1350	3.0	910	0.60	160	28.8	2.5	150	85	0.2	10	6.4	.01
13E	823385	20	530980	5934096	HUGN	LT 1	5	10	H		BN		45	14	2	14	24	0.1	168	1.0	1	5.70	90	17.0	1.7	210	40	0.1	10	6.2	.01
13E	823386	20	530980	59																											

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W		
		L	N																													
13E	823395	20	535453	5899577	NH15	LT	1	4	00	M	BN		36	16	14	17	3	0.1	63	0.5	1	0.50	90	30.8	3.2	110	30	0.2	32	6.3	.01	
13E	823396	20	534356	5895043	NH15	LT	1	12	00	M	BN		45	20	2	10	4	0.1	105	0.5	1	1.20	100	28.2	3.2	120	60	0.1	24	6.1	.03	
13E	823397	20	535577	5893401	NH15	LT	1	5	00	M	BN		35	16	2	20	3	0.2	40	0.5	1	0.50	110	47.6	2.0	120	35	0.1	22	5.7	.01	
13E	823398	20	533397	5886921	HUGN	LT	1	25	00	H	BN		95	34	1	17	15	0.1	405	1.0	2	3.60	220	48.2	1.9	120	90	0.1	10	5.8	.01	
13E	823399	20	532892	5882861	HUGN	LT	1	5	00	H	BN		51	23	1	13	7	0.1	88	1.0	1	1.40	130	31.0	1.0	100	60	0.1	10	6.1	.01	
13E	823402	20	534813	5882289	HUGN	LT	1	50	00	H	BN		108	31	1	40	16	0.1	545	0.5	1	3.05	120	21.6	1.9	240	80	0.2	10	6.3	.01	
13E	823404	20	533827	5878542	HUGN	1-5		11	10	H	BN		80	23	1	23	12	0.1	315	1.0	1	2.70	100	14.0	1.8	330	70	0.1	1	20	6.3	.01
13E	823405	20	533827	5878542	HUGN	1-5		11	20	H	BN		108	19	1	19	13	0.2	365	1.0	1	3.30	110	17.0	1.5	240	70	0.1	20	6.2	.03	
13E	823406	20	535354	5875064	HUGN	1-5		10	00	M	BN		82	18	1	17	13	0.1	365	0.5	1	4.00	100	20.0	1.2	180	70	0.1	10	6.4	.03	
13E	823407	20	536859	5875288	HUGN	LT	1	9	00	M	BN		80	16	1	16	8	0.1	153	0.5	1	2.90	90	20.0	1.4	190	65	0.2	10	6.3	.06	
13E	823408	20	542003	5873417	HUGN	1-5		12	00	M	BN		66	24	1	9	6	0.1	163	0.5	1	2.50	140	31.4	1.0	110	90	0.1	1	10	6.1	.03
13E	823409	20	544775	5872874	HUGN	LT	1	20	00	M	BN		58	29	1	10	4	0.2	118	1.0	1	1.20	210	39.4	1.4	140	60	0.1	20	6.1	.01	
13E	823410	20	550086	5874836	HUGN	LT	1	9	00	H	BN		188	38	1	13	13	0.1	493	0.5	2	4.75	180	31.0	16.0	120	110	0.2	22	6.2	.08	
13E	823411	20	556948	5874692	HUGP	LT	1	5	00	M	BN		90	25	1	25	7	0.1	130	1.0	1	1.80	130	31.8	2.4	280	30	0.2	26	6.0	.03	
13E	823412	20	559422	5874220	HUGP	LT	1	5	00	M	BN		125	27	1	20	10	0.2	188	1.0	3	5.10	150	31.4	2.3	300	55	0.1	30	6.1	.01	
13E	823413	20	564804	5873599	HUGP	LT	1	4	00	M	BN		83	18	1	16	9	0.1	245	0.5	1	2.70	60	14.8	3.0	420	45	0.1	36	6.4	.03	
13E	823414	20	566266	5877161	HUGP	LT	1	4	00	M	BN		80	22	1	15	9	0.1	135	0.5	1	3.20	70	26.4	3.6	340	40	0.1	22	6.0	.08	
13E	823415	20	562249	5877638	HUGP	LT	1	6	00	M	BN		85	24	2	17	9	0.2	190	0.5	1	2.25	80	18.4	3.5	370	45	0.1	38	6.4	.04	
13E	823416	20	564423	5884238	HUGP	LT	1	9	00	M	BN		123	41	1	19	17	0.1	280	0.5	1	4.80	130	23.8	5.3	330	80	0.1	20	6.0	.01	
13E	823417	20	561000	5884600	HUGP	LT	1	5	00	M	BN	L	65	20	1	13	4	0.1	68	0.5	1	1.05	130	37.6	3.9	230	35	0.1	32	5.7	.01	
13E	823418	20	560362	5882196	HUGP	LT	1	8	00	M	BN		35	7	1	3	5	0.1	78	1.0	1	1.00	50	5.4	1.4	140	15	0.1	22	6.7	.01	
13E	823419	20	559668	5878682	HUGP	LT	1	5	00	M	BN		70	25	1	13	7	0.1	145	1.0	1	1.70	100	27.2	3.8	250	35	0.1	40	6.1	.01	
13E	823420	20	557859	5876181	HUGP	LT	1	5	00	M	BN		37	36	1	19	4	0.1	53	0.5	1	0.60	130	51.0	2.6	110	20	0.1	28	5.8	.01	
13E	823422	20	557628	5880129	HUGP	LT	1	6	10	M	BN		62	43	1	13	5	0.1	65	0.5	1	1.05	170	35.2	14.1	310	20	0.1	48	6.4	.18	
13E	823423	20	557628	5880129	HUGP	LT	1	6	20	M	BN		70	46	1	13	5	0.1	68	0.5	1	1.20	170	34.6	15.0	390	25	0.2	48	6.3	.08	
13E	823424	20	549863	5877008	HUGN	LT	1	5	00	H	BN		44	32	1	13	7	0.1	148	0.5	1	0.95	100	10.2	51.0	370	35	0.1	30	5.9	.54	
13E	823426	20	544264	5879236	HUGN	LT	1	26	00	H	BN		200	44	1	19	20	0.1	495	0.5	3	8.30	300	35.8	2.3	260	135	0.3	20	6.6	.01	
13E	823427	20	546098	5878912	HUGN	LT	1	4	00	H	BN		54	19	1	10	4	0.1	62	1.0	1	0.70	100	38.0	0.9	130	50	0.1	26	6.7	.01	
13E	823428	20	547649	5879973	HUGN	LT	1	12	00	M	BN		180	32	1	20	27	0.1	915	1.0	1	3.20	260	37.4	5.2	210	45	0.1	26	7.3	.03	
13E	823429	20	542025	5877200	HUGN	LT	1	4	00	H	BN		90	16	1	9	9	0.1	185	0.5	1	1.45	110	33.6	1.2	170	55	0.1	22	6.6	.01	
13E	823430	20	542336	5879839	HUGN	1-5		15	00	H	BN		168	39	1	21	13	0.1	820	0.5	2	5.50	230	34.2	1.5	210	65	0.2	10	6.3	.01	
13E	823431	20	538352	5878190	HUGN	LT	1	20	00	H	BN		78	19	1	13	7	0.1	305	0.5	2	2.30	110	20.4	1.3	170	50	0.1	20	6.6	.01	
13E	823432	20	537613	5879989	HUGN	1-5		40	00	H	BN		103	66	2	26	12	0.2	355	1.0	1	2.65	170	15.4	3.2	420	60	0.1	10	6.4	.01	
13E	823433	20	537157	5885531	HUGN	LT	1	5	00	H	BN		28	20	1	14	3	0.1	55	1.0	1	0.50	120	42.6	1.2	90	20	0.1	1	10	5.8	.01
13E	823434	20	538183	5887019	HUGN	LT	1	24	00	H	BN		74	29	1	13	6	0.1	173	0.5	1	1.85	250	53.0	2.1	170	55	0.1	10	5.8	.01	
13E	823435	20	537601	5890411	NH15	LT	1	15	00	H	BN		88	31	1	10	21	0.2	480	0.5	1	3.15	190	36.6	5.3	130	60	0.1	10	6.1	.01	
13E	823436	20	538693	5895554	NH15	LT	1	10	00	H	BN		60	27	1	12	12	0.1	260	1.0	1	2.70	80	5.6	4.6	250	50	0.1	10	5.9	.03	
13E	823437	20	538381	5897726	HUGP	LT	1	6	00	M	BN		86	44	1	18	12	0.1	210	0.5	1	2.55	110	23.2	10.1	210	60	0.1	22	6.3	.01	
13E	823438	20	535884	5901987	HUGP	LT	1	6	00	M	BN		63	13	1	12	9	0.2	175	0.5	1	2.50	80	12.2	2.5	220	45	0.1	10	6.3	.01	
13E	823439	20	535336	5906217	HUGP	LT	1	5	00	M	BN		64	10	1	14	6	0.1	150	1.0	1	2.10	70	15.4	1.9	270	35	0.1	24	6.3	.03	
13E	823440	20	442279	5944619	HUGP	POND		4	00	L	BN		52	22	3	18	3	0.1	23	0.5	1	0.40	90	65.6	1.0	50	10					

MAP	ID	UTM COORDINATS		ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST					NORTH	L																					N
13E	823451	20	473594	5945578	HUGP	1-5	15	00	M	BN		105	20	1	8	7	0.2	300	0.5	7	2.00	60	26.2	2.3	380	60	0.1	60	6.4	.01
13E	823453	20	476880	5944824	HUGP	1-5	7	00	M	BN		130	21	2	13	9	0.1	185	1.0	3	1.70	90	32.0	1.6	250	40	0.1	48	6.4	.01
13E	823454	20	481630	5945372	HUGP	1-5	10	00	M	BN		198	23	1	13	14	0.1	358	0.5	9	6.40	90	34.0	3.5	210	55	0.1	32	6.2	.01
13E	823455	20	485417	5944369	HUGP	LT 1	4	00	M	GN BN		43	14	3	1	3	0.1	30	1.0	2	0.95	60	16.6	3.7	110	20	0.1	32	5.8	.01
13E	823456	20	487304	5945067	HUGP	LT 1	6	00	M	BN		50	9	2	7	3	0.2	72	0.5	1	0.55	80	39.8	1.2	100	20	0.1	30	5.9	.06
13E	823457	20	490751	5945113	HUGP	LT 1	5	00	M	BN		74	14	2	9	3	0.1	78	0.5	2	0.50	90	39.8	1.2	110	115	0.1	52	6.1	.01
13E	823458	20	493853	5947184	HUGP	LT 1	7	00	M	BN		135	19	3	10	8	0.2	148	1.0	3	2.55	80	35.4	2.6	170	30	0.1	42	5.7	.03
13E	823459	20	497103	5946849	HUGP	LT 1	6	00	M	GN		55	10	1	4	9	0.1	88	16.5	27	6.00	60	18.8	2.1	170	115	0.1	50	5.9	.03
13E	823460	20	500970	5945192	HUGP	1-5	3	00	M	BN		170	9	1	7	37	0.1	570	2.0	8	7.50	30	5.8	2.7	240	60	0.1	48	5.8	.04
13E	823463	20	505456	5946808	HUGP	1-5	12	00	M	BN		88	24	3	8	8	0.2	305	1.0	4	1.80	70	31.4	2.5	190	35	0.2	38	6.1	.04
13E	823464	20	508830	5945673	HUGP	LT 1	5	10	M	BN		108	24	2	9	9	0.2	128	0.5	3	1.60	80	30.2	2.7	190	30	0.2	50	6.1	.01
13E	823465	20	508830	5945673	HUGP	LT 1	5	20	M	BN		143	48	3	12	15	0.1	170	1.0	3	1.75	70	28.2	5.8	230	35	0.1	42	6.0	.01
13E	823466	20	512028	5942621	HUGP	GT 5	33	00	M	GN BN		185	21	1	10	26	0.1	1750	1.0	6	9.60	70	20.6	3.4	220	60	0.1	30	6.1	.01
13E	823467	20	514917	5940403	HUGN	GT 5	15	00	M	BN		92	14	1	10	10	0.1	470	1.0	1	1.80	20	6.8	3.8	300	35	0.1	26	6.0	.01
13E	823468	20	521034	5942153	HUGN	LT 1	20	00	M	BN		100	19	1	8	17	0.2	475	0.5	5	2.70	90	16.0	2.5	210	45	0.1	10	6.2	.03
13E	823469	20	524302	5941627	HUGN	LT 1	11	00	M	BN		115	25	1	7	9	0.2	255	1.0	3	3.40	90	34.8	2.7	140	55	0.3	10	6.2	.03
13E	823470	20	527006	5941732	HUGN	1-5	10	00	M	BN		155	34	2	13	8	0.2	225	0.5	3	1.50	120	37.8	2.7	270	40	0.3	20	5.9	.03
13E	823471	20	530929	5941674	HUGN	GT 5	5	00	H	BN		112	21	2	10	22	0.1	673	0.5	4	2.10	90	29.0	2.4	250	50	0.1	20	5.9	.03
13E	823472	20	534151	5940641	HUGN	LT 1	20	00	H	BN		178	43	1	22	42	0.2	2950	0.5	3	4.45	110	28.8	2.6	170	45	0.2	10	6.1	.01
13E	823473	20	538801	5942003	HUGN	LT 1	16	00	H	BN		50	16	2	3	7	0.1	218	0.5	1	1.10	70	18.2	1.5	150	40	0.1	10	5.9	.03
13E	823474	20	540702	5940911	PH10	LT 1	40	00	H	BN		185	58	1	15	36	0.3	1150	1.0	2	7.70	230	47.8	2.6	130	100	0.1	10	5.8	.01
13E	823475	20	540281	5937390	HUGN	LT 1	8	00	H	BN		80	20	1	18	23	0.1	90	0.5	2	1.10	80	25.4	1.6	140	35	0.1	10	6.3	.01
13E	823476	20	540385	5935771	HUGN	LT 1	11	00	H	BN		155	21	1	16	36	0.1	625	0.5	2	6.30	110	39.6	1.5	110	40	0.1	10	5.9	.01
13E	823477	20	540900	5930700	HUGN	LT 1	9	00	H	BN		50	36	1	15	14	0.1	140	1.5	1	1.30	30	5.2	3.0	350	35	0.1	20	6.1	.01
13E	823478	20	541293	5928316	HUGN	GT 5	38	00	H	BN		98	21	6	14	29	0.1	1150	1.0	2	3.80	70	19.4	2.1	250	55	0.1	10	6.0	.03
13E	823479	20	541612	5923618	HUGP	1-5	29	00	H	BN		85	31	2	18	12	0.2	240	0.5	1	3.15	130	34.6	1.6	200	100	0.1	10	5.8	.01
13E	823480	20	541898	5921364	HUGP	LT 1	5	00	M	BN		68	63	2	25	13	0.1	112	0.5	3	2.00	60	18.4	3.2	300	45	0.1	10	6.0	.03
13E	823482	20	543033	5918250	HUGP	1-5	12	10	M	BN		58	8	2	12	4	0.1	165	1.0	1	2.00	90	26.8	0.7	140	20	0.1	10	6.2	.03
13E	823483	20	543033	5918250	HUGP	1-5	12	20	M	BN		70	8	1	13	5	0.1	150	0.5	1	1.90	80	27.4	0.7	130	20	0.1	10	6.2	.03
13E	823484	20	542476	5913517	HUGP	GT 5	12	00	M	GN BN		88	11	1	31	15	0.2	625	1.0	2	3.90	40	7.2	2.0	350	55	0.1	10	5.9	.01
13E	823486	20	541927	5909958	HUGP	LT 1	16	00	M	BN		132	36	1	17	12	0.1	225	0.5	1	4.50	90	37.4	3.8	140	75	0.1	26	6.2	.01
13E	823487	20	542286	5906237	HUGP	LT 1	4	00	M	BN		62	9	1	10	6	0.1	95	0.5	1	3.20	70	34.6	1.2	150	20	0.1	28	6.1	.03
13E	823488	20	547860	5906332	HUGP	LT 1	5	00	M	BN		44	27	6	11	3	0.1	58	1.0	1	0.40	70	27.8	2.3	90	30	0.1	32	6.2	.01
13E	823489	20	547900	5902111	HUGP	POND	4	00	L	BN		40	12	2	20	4	0.1	83	1.0	1	1.10	60	30.4	1.4	150	30	0.1	22	5.8	.05
13E	823490	20	551629	5903393	HUGP	LT 1	4	00	L	BN		35	9	2	7	2	0.1	50	0.5	1	0.45	80	29.2	1.3	60	10	0.1	24	5.9	.01
13E	823491	20	552249	5905092	HUGP	LT 1	8	00	M	GN		100	23	3	25	8	0.1	150	0.5	2	2.10	30	21.8	2.6	290	65	0.1	10	5.5	.01
13E	823492	20	554821	5905433	HUGP	GT 5	9	00	L	GN BN		83	13	1	30	12	0.2	193	1.0	2	2.90	60	11.6	3.2	350	50	0.1	26	6.2	.03
13E	823493	20	555578	5903469	HUGP	GT 5	23	00	M	GN		135	15	1	25	21	0.1	680	1.0	1	7.70	70	19.6	2.2	250	85	0.1	24	6.1	.03
13E	823494	20	558357	5902945	HUGP	GT 5	4	00	M	TN BN		44	4	1	9	7	0.2	230	0.5	1	2.40	20	2.0	2.1	200	40	0.1	24	6.7	.03
13E	823495	20	560685	5904841	HUGP	LT 1	5	00	M	BN		140	18	1	19	11	0.1	210	0.5	1	4.20	80	41.2	1.9	120	60	0.2	22	6.4	.04
13E	823496	20	563422	5905511	HUGP	LT 1	4	00	L	BN		93	11	1	15	8	0.1	175	0.5	1	2.50	70	29.0	1.2	140	35	0.1	24	6.5	.09
13E	823497	20	565609	5906748	HUGP	1-5	5	00	M	BN		48	5	1	10	7	0.1	140	1.0	1	2									

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P																			
		ZN	EAST	NORTH					L	N			ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
13E	823507	20	546753	5910525	HUGP	LT 1	4	00	M		BN		88	15	1	20	11	0.2	198	0.5	2	4.00	60	28.4	2.6	140	80	0.1	28	6.5	.03
13E	823508	20	545310	5912092	HUGP	LT 1	7	00	M		BN		53	20	1	27	11	0.1	253	1.0	2	1.90	20	3.0	3.0	570	45	0.1	26	6.0	.05
13E	823509	20	547612	5914185	HUGP	GT 5	6	00	L		GN	BN	45	6	1	11	6	0.1	95	0.5	1	1.10	30	9.2	1.2	210	25	0.1	22	6.1	.04
13E	823510	20	551800	5914500	HUGP	GT 5	7	00	L		GN		58	7	1	13	7	0.2	148	0.5	1	2.40	30	14.8	1.2	210	30	0.2	10	6.0	.01
13E	823511	20	555655	5914240	HUGP	GT 5	14	00	M		BN		190	21	1	21	10	0.1	330	0.5	2	6.20	40	23.4	3.5	190	90	0.1	10	5.8	.01
13E	823512	20	559151	5913599	HUGP	1-5	6	00	M		BN		125	18	1	17	5	0.1	80	0.5	2	2.00	50	31.2	1.6	140	45	0.1	20	6.0	.01
13E	823513	20	561674	5914981	HUGP	LT 1	4	00	M		BN		120	12	1	22	8	0.2	98	0.5	1	1.45	50	36.8	2.0	190	35	0.2	20	6.1	.01
13E	823514	20	564092	5917118	HUGP	1-5	4	00	M		BN		43	5	1	10	5	0.2	190	0.5	1	1.90	20	6.8	1.5	180	35	0.1	10	6.3	.01
13E	823515	20	560061	5917138	HUGP	1-5	6	00	M		BN		95	14	1	19	8	0.3	225	0.5	2	2.90	40	25.8	2.4	220	60	0.2	10	6.5	.01
13E	823516	20	555400	5916400	HUGP	1-5	25	00	M		BN		160	18	1	21	22	0.1	630	0.5	3	7.40	60	19.4	3.7	210	90	0.1	10	6.3	.01
13E	823517	20	553600	5916200	HUGP	1-5	17	00	M		BN		118	17	1	14	7	0.2	278	1.0	3	3.40	70	29.4	2.1	170	70	0.1	10	6.3	.01
13E	823518	20	549487	5917396	HUGP	GT 5	20	00	M		BN		158	21	1	20	10	0.2	355	0.5	2	4.30	60	28.6	2.1	230	60	0.1	10	6.2	.01
13E	823520	20	545662	5915981	HUGP	LT 1	8	00	M		BN		125	13	1	19	6	0.1	128	0.5	2	1.80	60	40.6	1.7	120	40	0.2	20	6.5	.01
13E	823522	20	546441	5920587	HUGP	GT 5	9	00	M		GN	BN	41	12	1	15	7	0.2	150	1.0	1	1.40	20	5.0	1.8	260	25	0.1	10	6.6	.01
13E	823523	20	443102	5951547	HUGP	POND	4	00	M		BN		53	10	1	11	10	0.1	163	1.0	1	1.20	60	29.4	2.0	160	10	0.2	50	6.3	.03
13E	823524	20	449233	5953544	PH14	GT 5	10	00	M		BN		133	21	1	11	8	0.2	203	1.0	6	3.80	80	24.8	6.0	210	40	0.2	46	6.2	.03
13E	823525	20	451674	5952559	PH14	LT 1	4	00	M		BN		62	18	1	19	4	0.1	40	0.5	3	0.25	60	45.2	8.4	80	10	0.1	62	5.9	.03
13E	823527	20	454975	5952477	PH14	GT 5	8	00	M		BN		90	15	1	12	5	0.3	128	0.5	4	2.75	70	30.8	3.2	160	30	0.2	38	6.6	.01
13E	823528	20	457788	5953134	PH14	GT 5	5	10	M		BN		65	19	1	15	10	0.3	160	1.0	4	2.10	50	13.0	8.3	350	30	0.1	48	6.4	.01
13E	823529	20	457788	5953134	PH14	GT 5	5	20	M		BN		175	28	1	20	16	0.1	308	1.0	6	4.50	60	34.4	7.6	290	50	0.3	46	6.2	.03
13E	823530	20	463248	5953293	PH14	1-5	5	00	M		BN		65	18	1	19	6	0.2	85	0.5	2	0.60	50	50.4	1.9	130	20	0.1	34	5.9	.03
13E	823531	20	465468	5952860	PH14	LT 1	6	00	M		BN		69	10	1	8	3	0.1	60	0.5	1	0.60	80	33.2	1.1	80	25	0.2	36	6.0	.05
13E	823532	20	469017	5952905	PH14	LT 1	6	00	H		BN		83	14	2	16	4	0.1	88	0.5	2	0.55	80	42.4	1.5	150	20	0.2	42	6.0	.01
13E	823533	20	471954	5952191	PH14	GT 5	10	00	M		BN		82	15	1	12	7	0.1	72	0.5	2	1.00	70	34.2	4.1	90	30	0.1	44	6.3	.06
13E	823534	20	478205	5951573	PH14	LT 1	5	00	M		BN		120	13	1	8	11	0.2	255	0.5	3	5.00	70	17.6	2.8	240	50	0.1	44	6.1	.01
13E	823535	20	481860	5951274	PH14	GT 5	11	00	M		BN		80	13	1	8	4	0.1	75	0.5	2	2.45	90	39.0	1.8	120	35	0.1	38	6.2	.03
13E	823536	20	484970	5951118	PH14	1-5	15	00	M		GN	BN	203	26	1	17	29	0.2	1480	1.0	9	8.30	90	32.0	4.2	230	45	0.2	58	6.5	.03
13E	823537	20	486447	5952903	PH14	1-5	6	00	M		BN		95	10	7	9	5	0.1	215	1.0	3	1.80	90	31.2	1.7	220	20	0.1	76	6.4	.01
13E	823538	20	490806	5952031	PH14	LT 1	4	00	L		BN		72	11	2	11	14	0.2	138	0.5	3	1.30	60	23.8	2.8	280	20	0.1	94	6.3	.01
13E	823539	20	495013	5951655	PH14	GT 5	8	00	M		BN		115	27	1	18	14	0.1	183	0.5	5	1.60	80	38.4	3.9	230	35	0.2	40	6.7	.01
13E	823540	20	499116	5952383	PH14	GT 5	32	00	M		BN		93	20	1	8	12	0.2	455	0.5	6	6.30	60	24.8	2.7	210	55	0.1	32	6.1	.03
13E	823542	20	502274	5951408	PH14	GT 5	6	10	M		BN		90	18	1	10	14	0.2	500	0.5	4	4.50	90	25.4	2.7	270	40	0.1	26	6.6	.03
13E	823543	20	502274	5951408	PH14	GT 5	6	20	M		BN		115	19	1	9	13	0.1	440	0.5	5	4.40	80	24.8	2.4	340	45	0.2	28	6.4	.01
13E	823545	20	505464	5952857	PH14	GT 5	12	00	M		BN		192	35	1	13	15	0.2	535	1.0	6	5.10	90	28.8	4.4	250	50	0.1	32	6.5	.01
13E	823546	20	510571	5951716	HUGP	GT 5	17	00	M		BN		133	23	1	10	15	0.2	518	1.0	5	4.10	70	22.8	3.1	230	50	0.1	30	6.6	.01
13E	823547	20	514010	5950993	HUGP	LT 1	4	00	M		BN		80	21	1	10	8	0.2	113	1.0	2	2.75	80	41.2	2.5	160	35	0.1	24	6.2	.01
13E	823548	20	517332	5951902	HUGP	GT 5	4	00	M		BN		28	8	1	4	6	0.1	175	1.0	1	1.00	30	11.0	2.3	270	15	0.1	32	6.5	.01
13E	823549	20	516287	5950325	HUGP	1-5	2	00	M		BN		45	5	1	5	8	0.1	230	1.0	1	1.40	20	4.4	1.8	270	20	0.1	38	6.6	.03
13E	823550	20	519144	5950309	HUGP	1-5	7	00	M		BN		50	11	1	6	8	0.1	93	0.5	2	1.30	40	12.0	2.0	230	10	0.1	36	6.1	.03
13E	823551	20	522957	5949890	HUGP	LT 1	5	00	M		TN	BN	43	19	3	7	3	0.1	93	0.5	1	0.80	80	23.2	1.9	150	30	0.1	32	6.0	.01
13E	823552	20	528681	5949038	PH10	1-5	10	00	H		BN		105	21	1	10	17	0.1	435	0.5	3	2.30	100	14.4	2.9	260	30	0.1	26	6.5	.01
13E	823553	20	5300699																												

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U S P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		L	N																												
13E	823563	20	551924	5945785	PH10	LT 1	30	00	H		BN		98	22	1	12	40	0.1	930	0.5	8	4.50	150	37.4	2.5	180	55	0.1	30	6.6	.03
13E	823564	20	552597	5948392	PH10	1-5	75	00	H		BN		140	38	1	21	37	0.2	7100	1.0	1	7.50	130	24.2	2.3	210	50	0.2	10	6.5	.01
13E	823565	20	556698	5945908	PH10	1-5	9	00	H		BN		48	23	1	15	10	0.1	160	0.5	2	1.15	30	2.2	2.8	280	25	0.1	20	6.6	.01
13E	823566	20	557408	5943050	PH10	LT 1	8	10	H		BN		48	21	1	16	4	0.1	83	0.5	1	0.35	70	34.2	0.9	60	15	0.1	10	6.7	.01
13E	823567	20	557408	5943050	PH10	LT 1	8	20	H		BN		63	26	1	14	4	0.1	72	0.5	1	0.40	80	32.4	1.2	70	20	0.1	10	6.8	.01
13E	823568	20	559795	5943080	HUGB	LT 1	5	00	H		BN		68	19	1	17	5	0.1	68	0.5	1	0.60	70	32.6	1.1	70	20	0.2	10	6.6	.01
13E	823569	20	564091	5942792	HUGP	1-5	7	00	M		BN		112	22	1	21	10	0.1	168	1.0	3	2.00	90	35.8	1.6	160	45	0.1	10	6.4	.01
13E	823570	20	565586	5941321	HUGP	LT 1	7	00	M		BN		50	14	1	14	4	0.1	37	0.5	3	0.40	50	28.4	2.2	60	35	0.1	28	6.6	.01
13E	823571	20	565438	5945790	HUGP	LT 1	10	00	M		BN		70	9	1	13	6	0.1	135	0.5	1	1.00	80	34.0	0.8	70	20	0.1	22	6.6	.01
13E	823572	20	564488	5946783	HUGP	1-5	10	00	M		BN		100	15	1	14	8	0.1	200	0.5	1	2.45	90	29.0	0.8	130	40	0.1	10	6.5	.01
13E	823573	20	565710	5947883	HUGP	LT 1	13	00	M		BN		75	13	1	14	6	0.1	150	0.5	2	1.00	80	35.8	1.0	110	30	0.1	26	6.6	.01
13E	823574	20	564622	5949493	HUGP	LT 1	11	00	M		BN		100	19	1	18	20	0.1	393	1.0	1	4.00	90	21.0	1.1	150	55	0.1	10	6.3	.03
13E	823575	20	562489	5954565	HUGB	LT 1	10	00	H		TN		55	10	1	15	13	0.1	328	1.0	1	2.10	40	6.6	1.6	350	40	0.1	10	6.4	.01
13E	823576	20	565417	5955177	HUGB	GT 5	20	00	M		BN		77	15	3	15	9	0.1	248	0.5	2	2.10	50	14.6	1.6	390	40	0.1	22	6.6	.01
13E	823578	20	563286	5956029	HUGB	GT 5	18	00	H		BK		83	18	1	15	16	0.1	685	1.0	1	4.10	80	18.4	1.9	280	50	0.1	20	6.5	.01
13E	823579	20	564570	5959274	HUGB	1-5	10	00	H		BN		128	24	1	18	14	0.1	415	0.5	2	2.30	70	23.2	1.7	250	45	0.1	20	6.4	.01
13E	823580	20	564339	5963661	PH10	LT 1	20	00	H		BN		175	32	1	24	42	0.1	1430	0.5	3	5.90	90	30.4	1.8	110	50	0.3	10	6.2	.01
13E	823582	20	564414	5967958	PH10	LT 1	20	00	H		BN		88	25	1	13	28	0.1	383	0.5	1	6.90	90	28.4	1.3	110	60	0.1	10	6.6	.01
13E	823583	20	564678	5972190	PH10	LT 1	40	00	H		BN		75	32	2	14	9	0.1	235	1.0	1	2.80	110	27.8	1.9	200	50	0.2	10	6.3	.01
13E	823584	20	564579	5973289	PH10	LT 1	15	00	H		BN		35	11	3	8	5	0.2	120	0.5	1	1.35	30	6.0	1.8	270	30	0.1	10	6.4	.01
13E	823586	20	563473	5977964	PH10	LT 1	37	00	H		BN		105	46	1	16	34	0.1	885	1.0	2	9.50	110	39.2	1.1	150	50	0.1	10	6.3	.01
13E	823587	20	562836	5982054	PH10	1-5	107	00	H		BN		95	26	2	10	15	0.2	623	0.5	2	5.10	170	40.0	1.8	150	50	0.3	10	6.0	.01
13E	823588	20	564623	5983520	PH10	LT 1	35	00	H		BN		108	31	1	12	24	0.3	1130	1.0	1	7.90	190	42.8	2.0	130	70	0.1	10	5.9	.01
13E	823589	20	560415	5983490	PH10	1-5	50	00	H		BN		107	38	2	9	14	0.2	635	0.5	3	4.50	150	36.4	2.6	200	60	0.2	10	6.1	.01
13E	823590	20	561039	5981895	PH10	1-5	10	10	H		BN		108	25	1	12	22	0.1	660	0.5	2	4.50	110	33.8	1.8	120	55	0.3	10	5.9	.01
13E	823591	20	561039	5981895	PH10	1-5	10	20	H		BN		63	25	3	12	6	0.2	135	0.5	1	1.10	40	8.4	2.8	300	35	0.1	10	5.9	.01
13E	823592	20	558309	5976528	PH10	1-5	15	00	H		BN		73	22	2	11	5	0.1	110	0.5	1	1.15	90	30.2	1.5	150	40	0.2	10	6.2	.01
13E	823593	20	560961	5973479	PH10	LT 1	50	00	H		BN		83	25	2	9	10	0.2	765	1.0	2	2.60	110	34.6	2.2	220	50	0.2	10	6.5	.05
13E	823594	20	560374	5972167	PH10	1-5	32	00	H		BN		95	25	1	11	10	0.3	360	1.0	2	4.60	90	23.8	2.3	230	60	0.1	10	6.3	.01
13E	823595	20	560088	5966620	PH10	LT 1	20	00	H		BN		64	22	3	10	7	0.1	258	0.5	1	1.20	80	16.8	2.2	270	30	0.1	10	6.4	.01
13E	823596	20	560603	5964530	PH10	LT 1	80	00	H		BN		138	30	1	10	27	0.5	1800	0.5	1	7.10	260	46.6	1.9	110	80	0.2	10	6.1	.01
13E	823597	20	558358	5960355	PH10	GT 5	65	00	H		BN		158	42	3	15	18	0.2	850	1.0	3	4.30	180	38.8	2.8	170	80	0.3	10	6.3	.01
13E	823598	20	555881	5957241	PH10	LT 1	25	00	H		BN		60	29	1	10	10	0.2	340	0.5	2	1.90	140	35.0	1.5	110	60	0.2	10	6.4	.01
13E	823599	20	558157	5956027	PH10	LT 1	10	00	H		BN		77	17	2	12	15	0.2	450	0.5	1	1.80	90	21.6	1.2	180	35	0.1	10	6.5	.01
13E	823600	20	559182	5952050	HUGB	LT 1	11	00	H		BN		68	24	1	19	8	0.1	97	0.5	1	1.30	140	38.8	1.1	140	20	0.1	10	6.3	.01
13E	823602	20	558767	5948377	HUGB	1-5	20	10	M		BN		113	27	1	16	9	0.1	285	0.5	2	3.00	100	38.2	1.2	90	45	0.1	10	6.1	.01
13E	823603	20	558767	5948377	HUGB	1-5	20	20	M		BN		115	28	1	16	9	0.1	275	1.0	1	2.90	100	38.0	1.2	90	45	0.2	10	6.3	.01
13E	823604	20	556976	5947926	PH10	LT 1	20	00	H		BN		50	17	1	9	4	0.1	85	0.5	1	0.80	90	29.8	1.2	110	30	0.1	10	6.2	.01
13E	823605	20	554857	5951075	PH10	LT 1	18	00	H		BN		50	40	2	9	6	0.1	93	1.0	1	0.80	50	9.2	2.7	260	25	0.2	10	6.4	.01
13E	823606	20	553386	5951556	PH10	LT 1	6	00	H		GN		70	24	1	15	10	0.1	72	0.5	2	1.80	100	32.4	2.4	80	25	0.1	22	6.6	.01
13E	823607	20	436269	5950288	HUGP	1-5	5	00	M		BN		88	18	2	16	5	0.1	145	0.5	1	1.20	120	33.2	1.9						

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH					L	N																					
13E	823618	20	469184	5959093	PH14	GT 5	12	00	M		BN		175	22	3	13	15	0.1	720	0.5	5	4.65	90	19.8	3.9	260	30	0.2	38	6.1	.01
13E	823619	20	472643	5959005	PH14	LT 1	7	00	M		BN		155	15	3	14	6	0.1	115	0.5	2	0.75	80	39.4	3.4	170	15	0.2	50	5.9	.01
13E	823620	20	476217	5959145	PH14	LT 1	7	00	M		BN		80	16	3	14	5	0.1	37	0.5	4	0.15	110	44.4	2.8	60	10	0.1	82	6.1	.01
13E	823622	20	481373	5959870	PH14	GT 5	19	00	M		BN		195	30	3	13	17	0.1	635	0.5	8	5.50	90	29.2	4.0	250	55	0.3	28	6.4	.03
13E	823623	20	484668	5960068	PH14	LT 1	5	00	M		BN		123	15	4	11	8	0.1	122	0.5	3	1.35	70	31.6	2.8	220	20	0.1	66	6.1	.01
13E	823624	20	487722	5960204	PH14	LT 1	10	10	M		BN		173	15	4	9	8	0.1	118	0.5	5	0.80	80	52.2	3.8	160	15	0.1	60	5.9	.03
13E	823625	20	487722	5960204	PH14	LT 1	10	20	M		BN		160	16	4	11	10	0.1	125	0.5	6	0.90	90	50.6	4.5	160	20	0.3	58	5.9	.03
13E	823626	20	492114	5960018	PH14	1-5	10	00	M		BN		200	19	2	11	28	0.1	850	1.5	35	8.00	110	30.2	4.9	380	50	0.2	60	6.2	.03
13E	823628	20	495490	5959657	PH14	LT 1	6	00	L		BN		125	17	3	12	7	0.1	132	0.5	3	1.15	90	41.6	3.4	180	25	0.1	74	6.9	.01
13E	823629	20	498463	5960719	PH14	LT 1	5	00	M		BN		105	26	3	9	9	0.1	72	0.5	2	1.75	110	37.2	3.4	80	40	0.1	56	6.2	.01
13E	823630	20	501434	5960690	PH14	GT 5	10	00	M		BN		160	26	5	11	9	0.1	300	1.0	6	5.35	100	33.6	3.6	160	50	0.1	46	6.1	.03
13E	823631	20	505510	5961260	PH14	1-5	5	00	M		BN		78	13	3	8	17	0.1	455	0.5	3	2.00	30	7.2	4.2	240	30	0.1	64	6.5	.01
13E	823632	20	507926	5960059	PH14	1-5	5	00	M		BN		55	10	2	5	11	0.1	160	0.5	2	1.50	40	12.2	2.7	250	20	0.1	54	6.0	.01
13E	823633	20	512625	5960639	PH14	LT 1	6	00	M		BN		103	13	5	6	8	0.1	228	0.5	3	1.90	60	17.8	2.7	280	30	0.1	50	6.1	.01
13E	823634	20	516074	5959180	HUGP	GT 5	4	00	L		GN BN		55	12	3	7	4	0.1	106	0.5	1	1.05	30	8.6	2.7	290	30	0.1	42	5.9	.03
13E	823635	20	520187	5958988	HUGP	LT 1	3	00	L		BN		55	15	5	11	5	0.1	130	0.5	1	1.00	60	19.4	1.9	300	25	0.1	50	6.1	.12
13E	823636	20	521576	5955892	HUGP	LT 1	8	00	L		BN		85	12	4	6	3	0.1	102	0.5	1	0.85	60	19.6	2.1	290	20	0.1	38	6.0	.01
13E	823637	20	524141	5956366	HUGP	GT 5	6	00	M		GN BN		45	14	4	8	9	0.1	228	1.0	2	2.10	30	4.2	2.6	250	30	0.1	32	6.1	.01
13E	823638	20	525021	5960451	HUGP	1-5	11	00	M		BN		130	36	3	8	5	0.1	132	0.5	1	1.10	80	26.0	3.4	180	30	0.1	28	6.1	.01
13E	823639	20	527031	5959460	HUGP	LT 1	12	00	M		BN		170	23	1	12	10	0.1	163	0.5	5	1.60	80	38.8	2.8	260	30	0.1	32	6.2	.01
13E	823640	20	528134	5956257	HUGP	GT 5	9	00	M		GN BN		155	22	3	11	7	0.1	300	0.5	4	2.00	60	24.8	2.9	230	35	0.2	28	6.2	.01
13E	823642	20	531930	5959011	PH10	GT 5	5	00	M		BN		75	13	3	8	9	0.1	305	0.5	2	1.70	50	14.0	2.0	230	35	0.1	24	6.4	.03
13E	823643	20	532014	5956929	PH10	1-5	70	00	H		BN		143	22	5	10	23	0.2	3000	1.5	5	5.65	120	16.2	2.5	240	50	0.1	24	6.3	.01
13E	823644	20	534847	5955434	PH10	1-5	15	00	H		BN		70	21	3	12	12	0.1	335	1.0	2	1.85	40	6.6	2.9	330	30	0.1	10	6.1	.01
13E	823645	20	538041	5955772	PH10	LT 1	45	00	H		BN		160	30	3	8	17	0.3	605	0.5	3	3.90	130	25.2	2.4	260	70	0.2	10	6.1	.01
13E	823646	20	541367	5955698	PH10	LT 1	8	00	H		BN		55	23	2	16	3	0.1	50	0.5	1	0.35	100	37.4	1.1	200	10	0.1	10	6.0	.01
13E	823648	20	544966	5955628	PH10	1-5	30	00	H		BN		116	38	2	12	8	0.3	375	1.0	4	2.55	180	37.2	2.4	150	60	0.3	10	6.5	.01
13E	823649	20	540846	5960606	PH10	LT 1	13	10	H		BN		93	20	3	10	7	0.2	123	0.5	1	2.05	150	38.4	1.4	110	40	0.1	20	6.0	.01
13E	823650	20	540846	5960606	PH10	LT 1	13	20	H		BN		62	20	4	10	4	0.1	92	0.5	1	0.80	150	38.8	1.4	100	25	0.1	22	6.1	.01
13E	823651	20	538699	5959883	PH10	GT 5	40	00	H		BN		120	28	2	14	17	0.2	785	1.0	3	3.20	130	17.4	2.4	200	40	0.1	22	6.2	.01
13E	823652	20	535577	5960484	PH10	GT 5	18	00	H		GY BN		49	21	3	11	6	0.1	170	1.0	1	1.00	30	4.6	3.1	340	30	0.1	22	6.4	.01
13E	823653	20	538801	5962688	PH10	GT 5	12	00	H		BN		130	28	2	11	7	0.1	220	0.5	2	1.50	120	27.4	2.4	270	40	0.1	24	6.1	.01
13E	823654	20	538378	5966460	PH10	1-5	11	00	H		BN		158	32	1	11	7	0.1	133	0.5	5	3.30	140	43.0	4.3	130	50	0.1	30	6.3	.03
13E	823655	20	538010	5971349	HUGB	1-5	30	00	H		BN		78	31	2	9	8	0.1	163	0.5	12	2.95	130	32.6	3.4	330	45	0.1	34	6.1	.01
13E	823656	20	538903	5973345	HUGB	LT 1	10	00	M		BN		68	31	1	11	2	0.1	73	0.5	2	0.75	140	35.6	2.5	90	30	0.1	10	6.2	.01
13E	823657	20	538838	5977807	HUGB	GT 5	23	00	M		BN		165	36	2	8	8	0.2	425	1.0	5	3.50	140	26.4	4.1	240	50	0.2	26	6.2	.03
13E	823658	20	538768	5980505	HUGB	LT 1	9	00	M		BN		44	22	2	12	2	0.2	45	0.5	1	0.45	120	34.8	1.8	90	20	0.1	10	6.0	.10
13E	823659	20	536023	5981803	HUGB	1-5	16	00	M		BN		185	34	1	11	15	0.2	710	1.0	4	6.30	130	31.4	4.0	180	60	0.4	10	5.9	.01
13E	823660	20	534657	5978583	HUGB	LT 1	8	00	M		BN		100	25	1	12	4	0.2	105	0.5	2	1.75	150	33.6	2.4	200	25	0.1	30	6.0	.01
13E	823662	20	533817	5972804	HUGB	GT 5	5	10	M		BN		122	23	2	11	6	0.1	160	0.5	4	1.70	100	31.6	4.4	160	30	0.1	52	6.9	.03
13E	823663	20	533817	5972804	HUGB	GT 5	5	20	M		BN		98	16	3	8	6	0.1	180	0.5	3	2.00	80	29.2	3.3						

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E L F	C O N T	S MPL COLOR	S U P	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
		ZN	EAST	NORTH																											
13E	823673	20	526193	5982706	HUGB	1-5	10	00	M		BN		90	8	3	7	4	0.1	125	1.0	3	1.20	60	12.8	2.6	300	20	0.1230	6.6	.01	
13E	823674	20	528371	5975196	PHAW	GT 5	16	00	M		BN		230	20	5	9	10	0.1	595	1.0	13	5.20	100	22.6	4.7	320	40	0.2	90	6.5	.03
13E	823675	20	527737	5970337	HUGB	LT 1	7	00	M		BN		43	21	1	10	4	0.1	65	0.5	2	0.55	80	32.4	2.0	90	20	0.1	66	6.0	.01
13E	823677	20	526472	5967256	HUGB	LT 1	3	00	M		BN		110	17	3	17	11	0.1	208	1.0	2	2.30	60	19.4	2.6	350	40	0.1	60	6.6	.01
13E	823678	20	526706	5964044	HUGB	1-5	7	00	L		BN		58	17	3	13	7	0.1	155	1.5	2	1.50	40	12.4	4.1	390	30	0.1	40	6.4	.04
13E	823679	20	524072	5964364	HUGB	LT 1	3	00	M		BN		103	10	4	12	7	0.1	240	1.0	2	2.40	60	19.2	3.1	340	30	0.1	84	6.6	.03
13E	823680	20	523293	5967743	HUGB	GT 5	6	00	M		BN		35	10	1	5	5	0.1	70	1.0	1	0.65	30	3.6	2.0	260	10	0.1	48	6.4	.04
13E	823682	20	524262	5969453	HUGB	1-5	5	00	M		BN		58	23	1	11	6	0.1	100	0.5	2	1.10	90	27.6	2.0	130	30	0.1	46	6.5	.01
13E	823683	20	523967	5973117	HUGB	1-5	20	10	M		BN		290	20	9	9	19	0.2	705	1.5	15	6.35	90	22.8	5.6	350	50	0.6	84	6.4	.03
13E	823684	20	523967	5973117	HUGB	1-5	20	20	M		BN		250	17	8	9	16	0.1	570	1.5	14	5.10	110	22.6	4.8	370	50	0.5	88	6.2	.04
13E	823685	20	523632	5979154	PHAW	LT 1	7	00	M		BN		55	14	3	9	7	0.1	99	0.5	2	1.00	40	10.2	3.6	290	20	0.1	1120	6.6	.01
13E	823686	20	523945	5982416	HUGB	LT 1	3	00	M		GN	GY	53	5	1	3	5	0.1	535	0.5	1	1.30	20	5.2	2.1	1000	10	0.1	1760	6.8	.01
13E	823687	20	519672	5982075	HUGB	GT 5	10	00	M		BN		62	8	2	5	5	0.1	117	1.0	3	0.80	20	7.0	3.4	260	20	0.1	1220	6.6	.03
13E	823688	20	515795	5982564	NHWS	LT 1	15	00	M		BN		90	15	1	6	10	0.2	955	2.0	15	2.35	80	18.4	4.0	190	75	0.1	1110	6.4	.04
13E	823689	20	511623	5981950	NHWS	LT 1	13	00	M		BN		68	26	1	13	11	0.3	210	3.5	6	0.60	90	31.8	6.4	120	30	0.1	96	6.8	.01
13E	823690	20	434990	5946205	HUGP	POND	6	00	L		BN		69	17	1	14	4	0.1	66	1.0	3	0.75	60	39.4	4.1	90	60	0.1	50	6.0	.01
13E	823691	20	434276	5950263	HUGP	LT 1	5	00	M		BN		42	12	1	9	2	0.1	57	0.5	1	0.60	70	28.4	0.9	60	10	0.2	52	6.0	.01
13E	823692	20	435340	5951948	HUGP	LT 1	6	00	L		BN		61	15	1	19	2	0.1	40	1.0	1	0.40	60	47.8	1.2	60	10	0.1	32	6.1	.01
13E	823693	20	434555	5955207	HUGP	LT 1	6	00	L		BN		68	18	2	16	4	0.2	103	1.0	1	0.90	80	35.0	1.5	80	10	0.1	42	6.2	.01
13E	823694	20	435815	5959011	PH14	LT 1	7	00	M		BN		130	32	2	24	8	0.1	173	1.0	3	1.20	80	43.2	5.6	130	10	0.1	38	6.4	.01
13E	823696	20	439889	5963643	PH14	LT 1	8	00	H		BN		68	28	1	16	4	0.1	98	1.0	2	0.60	90	32.8	2.9	80	10	0.1	66	6.8	.01
13E	823697	20	443630	5962240	PH14	LT 1	48	00	M		BN		195	28	1	20	23	0.3	1850	2.0	10	7.90	190	35.2	5.7	220	65	0.3	40	6.6	.01
13E	823698	20	447109	5962387	PH14	LT 1	35	00	H		BN		160	17	1	20	24	0.2	2200	1.5	7	5.40	110	19.8	4.6	230	40	0.2	50	6.6	.01
13E	823699	20	451186	5963262	PH14	LT 1	18	00	M		BN		145	21	4	11	7	0.1	325	0.5	6	2.60	100	25.4	6.7	190	25	0.2	56	6.4	.03
13E	823700	20	455790	5963754	PH14	GT 5	14	00	M		BN		250	23	1	17	16	0.1	1180	1.0	6	5.50	60	20.0	4.0	240	50	0.4	38	6.3	.03
13E	823702	20	459419	5963056	PH14	LT 1	8	00	M		BN		113	15	3	14	4	0.1	85	0.5	2	0.50	60	39.0	2.4	80	15	0.2	46	6.2	.01
13E	823703	20	462905	5963659	PH14	LT 1	8	00	M		GN	BN	170	27	11	17	4	0.1	120	0.5	3	0.70	70	36.8	4.1	260	15	0.2	72	6.3	.01
13E	823704	20	466728	5964344	PH14	LT 1	5	10	M		BN		80	16	6	10	2	0.1	50	0.5	5	0.30	60	39.0	7.7	130	10	0.1	96	6.3	.03
13E	823705	20	466728	5964344	PH14	LT 1	5	20	M		BN		103	15	5	10	2	0.2	48	1.0	4	0.30	60	38.0	7.9	100	10	0.1	1100	6.3	.03
13E	823706	20	468423	5964478	PH14	LT 1	8	00	M		BN		140	28	5	21	4	0.1	88	0.5	4	0.65	80	43.4	7.0	160	15	0.1	1110	6.2	.01
13E	823707	20	473100	5964119	PH14	1-5	6	00	M		BN		255	35	3	19	10	0.1	300	1.5	11	3.45	80	47.8	8.9	270	40	0.4	68	6.4	.01
13E	823708	20	477167	5963318	PH14	1-5	6	00	M		BN		83	13	3	10	3	0.2	45	1.0	10	0.55	70	42.8	3.2	130	10	0.1	70	6.2	.01
13E	823709	20	479416	5964111	PH14	GT 5	10	00	L		BN		65	22	3	14	7	0.1	135	2.0	5	1.30	30	11.0	12.4	360	25	0.1	62	6.1	.01
13E	823710	20	484244	5963104	PH14	GT 5	15	00	M		BN		170	21	2	13	5	0.1	145	0.5	5	2.20	70	43.4	3.7	210	30	0.1	48	6.4	.01
13E	823711	20	486328	5963890	PH14	LT 1	3	00	M		BN		70	8	2	12	9	0.1	97	1.5	4	1.35	40	40.6	2.6	260	20	0.1	76	6.5	.01
13E	823712	20	491273	5963784	PH14	1-5	5	00	M		BN		100	19	2	16	7	0.1	80	1.0	3	0.70	60	43.6	4.7	150	20	0.1	72	6.3	.01
13E	823713	20	493779	5963573	PH14	LT 1	5	00	M		BN		67	16	1	11	8	0.1	170	0.5	4	1.00	50	27.4	5.1	220	20	0.1	1120	6.5	.01
13E	823714	20	499243	5962887	PH14	1-5	11	00	M		BN		215	37	1	16	10	0.1	295	0.5	6	5.60	100	50.2	4.4	140	30	0.1	58	6.4	.01
13E	823715	20	500984	5963522	PH14	LT 1	3	00	L		BN		60	11	1	10	12	0.1	97	0.5	3	1.40	20	20.2	6.8	340	30	0.1	84	6.5	.05
13E	823716	20	505548	5963659	PH14	GT 5	9	00	M		BN		115	24	3	13	8	0.1	195	0.5	4	1.45	50	40.4	5.8	260	40	0.1	66	6.3	.01
13E	823717	20	505969	5966869	PH14	GT 5	9	00	M		BN		180	22	3	15	7	0.1	220	1.0	4	2.70	70	37.4	3.3	200	30	0.2	56	6.4	.03
13																															

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R E O		SMPL COLOR	S U S P																			
		ZN	EAST	NORTH					L	N			ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI	U	F	V	CDF-W	PH	U-W	
13E	823729	20	508772	5966111	PH14	1-5	10	00	M		BN		128	21	1	12	4	0.1	140	1.0	2	1.80	80	35.2	1.9	140	25	0.1	50	6.6	.01
13E	823730	20	508810	5963267	PH14	GT 5	5	00	M		BN		62	13	1	8	8	0.1	130	1.0	2	0.90	60	33.0	3.0	310	20	0.1	82	6.5	.01
13E	823731	20	511426	5963848	PH14	1-5	10	00	M		BN		110	22	1	9	5	0.1	160	0.5	2	2.50	60	29.0	1.9	120	40	0.1	46	6.4	.04
13E	823732	20	516075	5964912	HUGB	LT 1	6	00	M		BN		110	20	1	12	4	0.1	103	1.0	2	1.55	70	37.6	1.2	110	20	0.1	42	6.3	.03
13E	823733	20	519218	5965167	HUGB	LT 1	7	00	H		BN		80	26	2	9	3	0.2	85	0.5	1	0.60	90	27.8	1.9	110	15	0.1	36	6.2	.01
13E	823734	20	519592	5967375	HUGB	1-5	10	00	M		BN		140	22	2	18	8	0.1	88	1.0	6	1.10	60	49.2	6.5	190	20	0.2	54	6.3	.01
13E	823735	20	516788	5968349	HUGB	LT 1	4	00	L		BN		50	8	1	10	6	0.1	93	1.0	4	0.75	30	17.8	5.2	230	15	0.1	82	6.6	.01
13E	823736	20	513844	5968677	HUGB	1-5	10	00	M		BN		143	22	1	19	6	0.1	130	1.0	4	1.30	60	46.2	5.4	210	25	0.1	56	6.4	.03
13E	823737	20	513113	5970729	HUGB	LT 1	5	00	M		BN		113	19	2	11	8	0.1	55	0.5	6	0.90	60	41.4	5.2	110	20	0.2	86	6.7	.01
13E	823738	20	516420	5970705	HUGB	LT 1	8	00	M		BN		113	16	4	10	3	0.1	64	0.5	2	0.45	70	38.4	2.4	90	10	0.1	84	6.7	.01
13E	823739	20	519422	5970816	HUGB	GT 5	20	00	M		BN		250	30	5	11	18	0.2	1030	1.0	20	8.00	90	36.0	3.6	210	60	0.6	72	6.6	.06
13E	823742	20	521316	5974084	HUGB	1-5	10	10	M		GN BN		610	40	33	6	3	0.1	60	1.0	8	0.55	50	39.6	14.5	200	15	4.0	190	6.6	.01
13E	823743	20	521316	5974084	HUGB	1-5	10	20	M		GN BN		415	31	26	5	2	0.1	27	1.0	5	0.55	60	39.6	10.5	200	10	3.1	190	6.5	.03
13E	823744	20	519903	5977866	PHAW	GT 5	6	00	M		BN		78	13	6	9	3	0.1	95	1.0	4	0.65	80	36.2	3.0	160	20	0.2	140	6.5	.03
13E	823745	20	518063	5978043	PHAW	POND	7	00	M		BN		150	13	13	7	3	0.1	80	2.5	6	0.40	60	22.0	4.8	170	10	0.9	440	6.9	.08
13E	823746	20	516888	5975299	PHAW	LT 1	15	00	M		BN		168	19	15	8	4	0.1	120	1.0	4	0.75	80	35.2	3.5	160	25	0.5	140	6.8	.01
13E	823747	20	512899	5974088	NHWS	LT 1	7	00	M		BN		62	21	8	13	3	0.2	88	0.5	2	0.50	80	39.2	2.2	130	10	0.2	88	6.3	.01
13E	823748	20	512418	5977238	NHWS	1-5	10	00	M		BN		70	17	1	10	3	0.2	90	0.5	2	0.55	80	40.6	3.9	160	10	0.1	110	6.4	.01
13E	823749	20	436502	5967488	PH14	LT 1	5	00	M		BN		38	18	2	15	2	0.1	40	0.5	1	0.50	90	47.2	1.3	60	10	0.1	34	6.0	.01
13E	823750	20	451129	5970866	PH14	1-5	40	00	M		BN		140	24	3	17	21	0.2	1380	1.0	4	4.60	100	27.8	4.8	190	30	0.2	48	6.2	.01
13E	823751	20	455844	5970221	PH14	1-5	18	00	M		BN		105	24	1	16	6	0.1	260	0.5	5	3.20	80	39.6	4.3	120	40	0.2	42	6.3	.03
13E	823753	20	459428	5969339	PH14	GT 5	20	00	M		BN		113	28	1	19	7	0.2	380	0.5	4	2.90	90	40.0	5.2	130	40	0.1	44	6.6	.01
13E	823754	20	462147	5970523	PH14	LT 1	12	00	M		BN		168	11	1	9	6	0.1	385	1.0	9	3.60	60	24.2	4.6	240	30	0.2	70	6.4	.03
13E	823755	20	466725	5970838	PH14	1-5	10	00	M		GN BN		62	15	3	12	3	0.1	68	0.5	2	0.65	60	43.6	4.9	130	10	0.2	62	6.3	.03
13E	823756	20	469363	5969680	PH14	1-5	15	00	M		GN BN		98	20	2	10	4	0.2	78	0.5	3	1.05	60	56.8	10.3	120	15	0.2	48	6.3	.01
13E	823757	20	474125	5970387	PHAW	LT 1	5	00	M		GN BN		63	18	2	11	5	0.2	66	0.5	4	1.00	50	30.2	10.8	140	30	0.1	70	6.4	.03
13E	823758	20	476679	5971121	PHAW	LT 1	8	00	M		BN		75	15	2	14	5	0.1	98	2.0	5	0.80	60	33.4	6.3	150	10	0.1	120	6.2	.01
13E	823759	20	480487	5971006	PHAW	LT 1	12	00	M		BN		45	18	1	12	2	0.1	78	0.5	1	0.70	90	30.6	3.5	110	15	0.1	76	6.1	.04
13E	823760	20	484749	5969583	PHAW	GT 5	12	00	M		BN		100	16	1	11	7	0.1	325	1.0	5	3.40	70	25.2	2.6	190	40	0.1	62	6.3	.03
13E	823762	20	486732	5970547	PHAW	LT 1	19	00	M		BN		72	15	3	11	5	0.2	123	1.5	2	1.40	160	29.0	6.7	90	30	0.1	74	6.5	.04
13E	823763	20	490345	5971131	PHAW	LT 1	4	00	M		BN		46	11	4	14	5	0.1	76	2.5	2	1.00	300	21.6	3.9	40	20	0.1	76	6.8	.01
13E	823764	20	493783	5972719	PHAW	1-5	6	10	M		BN		56	12	2	14	7	0.1	52	1.0	21	2.05	180	35.8	2.5	90	15	0.1	62	6.7	.03
13E	823765	20	493783	5972719	PHAW	1-5	6	20	M		BN		56	13	6	16	4	0.1	50	1.0	3	0.60	190	39.0	2.6	90	10	0.1	64	6.8	.01
13E	823766	20	494322	5970146	PHAW	LT 1	10	00	H		BN		48	21	2	15	3	0.2	105	0.5	1	0.75	90	34.0	4.0	90	10	0.2	72	6.5	.01
13E	823768	20	498894	5970810	PHAW	LT 1	7	00	L		BN		62	13	3	18	5	0.1	72	1.0	2	1.30	170	31.0	4.3	70	15	0.1	120	6.8	.01
13E	823769	20	498795	5974492	PHAW	GT 5	38	00	M		GN BN		176	32	2	18	12	0.3	3900	5.5	8	5.30	200	20.0	22.4	90	50	0.4	72	6.9	.04
13E	823770	20	499611	5978215	PHAW	LT 1	5	00	M		BN		45	14	3	6	2	0.1	30	1.0	3	0.40	50	32.4	3.8	80	15	0.1	68	6.8	.01
13E	823771	20	496290	5977782	PHAW	LT 1	5	00	M		BN		150	34	1	9	4	0.1	93	1.5	312	5.0	180	44.2	4.0	80	50	0.2	46	6.3	.01
13E	823772	20	498498	5982503	AUWR	LT 1	5	00	M		BN		42	12	3	9	2	0.1	40	0.5	1	0.60	70	29.2	2.7	90	15	0.2	110	6.7	.01
13E	823773	20	450404	5972893	PH14	LT 1	10	00	H		BN		76	8	2	11	7	0.1	125	1.0	2	2.10	280	15.4	3.2	80	30	0.1	56	6.8	.05
13E	823774	20	456358	5972815	PH14	LT 1	25	00	M		BN		143	31	3	13	6	0.4	555	1.0	5	1.75	140	48.0	4.4	190	40	0.5	40	6.4	.01
13E	823775	20	4639																												

MAP	ID	UTM COORDINATS			ROCK TYPE	LAKE AREA	SMP DTH	RP ST	R C		S U	P																	U	F	V	CDF-W	PH	U-W
		ZN	EAST	NORTH					L	N			SMPL COLOR	ZN	CU	PB	NI	CO	AG	MN	AS	MO	FE	HG	LOI									
13E	823785	20	470299	5981292	PH14	1-5	10	00	M		BN		183	25	1	21	8	0.1	268	2.0	3	2.90	110	19.2	12.1	350	40	0.3	58	6.7		.04		
13E	823786	20	472386	5980733	PH14	LT 1	5	00	M		BN		68	26	1	19	4	0.2	82	1.0	2	0.60	120	33.6	10.5	130	10	0.2	80	7.1		.03		
13E	823787	20	471627	5979485	PHAW	LT 1	10	00	H		BN		82	24	2	17	4	0.2	240	1.0	2	0.90	110	36.6	5.6	240	20	0.2	74	6.9		.01		
13E	823788	20	477359	5979522	PHAW	LT 1	30	00	H		BN		183	58	3	25	17	0.3	1480	5.0	7	4.20	200	26.0	12.4	330	50	0.3	36	6.8		.01		
13E	823789	20	477134	5980850	PHAW	1-5	80	00	H		BN		160	25	3	15	7	0.5	260	4.5	4	1.75	210	28.6	18.4	410	35	0.4	38	6.9		.04		
13E	823790	20	481120	5980633	PHAW	LT 1	5	00	M		BN		75	14	1	18	4	0.1	105	0.5	1	0.80	120	40.4	3.3	100	10	0.1	70	6.8		.01		
13E	823791	20	481774	5978200	PHAW	GT 5	37	00	M		GN BN		39	14	2	11	6	0.1	850	4.5	1	1.65	20	2.0	5.3	330	25	0.1	42	6.8		.01		
13E	823792	20	480751	5972662	PHAW	LT 1	10	00	M		BN		43	18	2	13	2	0.1	78	0.5	2	0.70	110	33.4	4.5	110	15	0.1	60	6.2		.01		
13E	823794	20	483661	5973598	PHAW	LT 1	4	00	L		BN		88	12	1	17	7	0.1	95	0.5	3	0.70	50	45.8	1.6	100	10	0.1	72	6.5		.01		
13E	823795	20	485451	5976403	PHAW	GT 5	7	00	M		BN		62	21	2	18	3	0.1	93	1.0	1	0.90	80	37.8	3.7	170	20	0.1	48	6.4		.01		
13E	823796	20	488373	5977060	PHAW	LT 1	4	00	L		BN		62	7	2	8	8	0.1	240	1.0	2	1.70	30	7.6	2.6	240	25	0.1	70	6.5		.01		
13E	823797	20	488674	5973282	PHAW	LT 1	4	00	L		BN		60	14	2	19	8	0.1	85	1.0	10	2.30	40	22.6	9.5	260	20	0.1	68	6.6		.01		
13E	823798	20	490881	5974881	PHAW	LT 1	5	00	L		BN		98	20	1	20	7	0.1	105	0.5	3	1.20	80	36.8	3.2	240	20	0.2	52	6.3		.05		
13E	823799	20	492756	5978644	PHAW	POND	5	00	L		BN		175	16	2	13	13	0.1	685	2.0	3	4.50	120	32.2	4.8	210	40	0.3	64	6.7		.01		

VARIABLE NAME ZN	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
**	*				TOTAL NUMBER OF SAMPLES	1052
					NUMBER OF ZERO VALUE SAMPLES	0
					NUMBER OF NON-ZERO SAMPLES	1052
1 PPM *					ARITHMETIC MEAN	91.0542
2 PPM *					VARIANCE	2427.2920
5 PPM *					STANDARD DEVIATION	49.2676
10 PPM *					SKEW	1.9335
20 PPM *	I	5	.48	.48	EXCESS KURTOSIS	11.8078
50 PPM *	XXXXXXXXXX	229	21.77	22.24	COEFFICIENT OF VARIATION, %	54.1080
100 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXX	464	44.11	66.35	STANDARD ERROR OF THE MEAN	1.5190
200 PPM *	XXXXXXXXXXXXXXXXXXXX	335	31.84	98.19	LOWER 95% LIMIT ON THE MEAN	88.0739
500 PPM *	X	18	1.71	99.90	UPPER 95% LIMIT ON THE MEAN	94.0344
1000 PPM *	I	1	.10	100.00	LOWER 95% LIMIT ON THE RANGE	-5.6085
2000 PPM *					UPPER 95% LIMIT ON THE RANGE	187.7168
5000 PPM *					GEOMETRIC MEAN	79.6770
					LOG10 MEAN	1.9013
					LOG10 VARIANCE	.0514
					LOG10 STANDARD DEVIATION	.2268
**	*				STANDARD ERROR ON THE MEAN	.0070
0	20				LOWER 95% LIMIT ON THE MEAN	77.1992
	40				UPPER 95% LIMIT ON THE MEAN	82.2342
	60				LOWER 95% LIMIT ON THE RANGE	28.5980
	80				UPPER 95% LIMIT ON THE RANGE	221.9878
	100				MINIMUM VALUE	11.0000
					25TH PERCENTILE OR 1ST QUARTILE	53.0000
					50TH PERCENTILE OR MEDIAN	80.0000
					75TH PERCENTILE OR 3RD QUARTILE	120.0000
					80TH PERCENTILE	130.0000
					90TH PERCENTILE	160.0000
					95TH PERCENTILE	180.0000
					98TH PERCENTILE	200.0000
					99TH PERCENTILE	230.0000
					MAXIMUM VALUE	610.0000

PERCENT

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
CU	PPM	TOTAL

HISTOGRAM						SUMMARY STATISTICS			
	**	*	*	*	*	N	%	CUM %	
100 PPB *						*			TOTAL NUMBER OF SAMPLES 1052
						*			NUMBER OF ZERO VALUE SAMPLES 0
200 PPB *						*			NUMBER OF NON-ZERO SAMPLES 1052
500 PPB *						*			ARITHMETIC MEAN 24.6407
1 PPM *						*			VARIANCE 257.6025
2 PPM *						*			STANDARD DEVIATION 16.0500
5 PPM *	I					*	10	.95 .95	SKEW 3.6392
10 PPM *	XXXXX					*	102	9.70 10.65	EXCESS KURTOSIS 26.3439
20 PPM *	XXXXXXXXXXXXXXXXXXXXX					*	375	35.65 46.29	COEFFICIENT OF VARIATION, % 65.1362
50 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	506	48.10 94.39	STANDARD ERROR OF THE MEAN .4948
100 PPM *	XXX					*	53	5.04 99.43	LOWER 95% LIMIT ON THE MEAN 23.6698
200 PPM *	I					*	6	.57 100.00	UPPER 95% LIMIT ON THE MEAN 25.6116
500 PPM *						*			LOWER 95% LIMIT ON THE RANGE -6.8493
1000 PPM *						*			UPPER 95% LIMIT ON THE RANGE 56.1307
2000 PPM *						*			GEOMETRIC MEAN 21.1320
5000 PPM *						*			LOG10 MEAN 1.3249
						*			LOG10 VARIANCE .0562
						*			LOG10 STANDARD DEVIATION .2371
						*			STANDARD ERROR ON THE MEAN .0073
						*			LOWER 95% LIMIT ON THE MEAN 20.4455
						*			UPPER 95% LIMIT ON THE MEAN 21.8415
						*			LOWER 95% LIMIT ON THE RANGE 7.2406
						*			UPPER 95% LIMIT ON THE RANGE 61.6745
	**	*	*	*	*	*			MINIMUM VALUE 4.0000
	0	20	40	60	80	100			25TH PERCENTILE OR 1ST QUARTILE 15.0000
									50TH PERCENTILE OR MEDIAN 21.0000
									75TH PERCENTILE OR 3RD QUARTILE 30.0000
									80TH PERCENTILE 32.0000
									90TH PERCENTILE 42.0000
									95TH PERCENTILE 52.0000
									98TH PERCENTILE 64.0000
									99TH PERCENTILE 77.0000
									MAXIMUM VALUE 200.0000

PERCENT

VARIABLE NAME		UNIT OF MEASUREMENT	DATA SUBSET				
PB		PPM	TOTAL				
HISTOGRAM							
		N	%	CUM %	SUMMARY STATISTICS		
**	*	*	*	*	TOTAL NUMBER OF SAMPLES	1052	
		*			NUMBER OF ZERO VALUE SAMPLES	0	
10 PPB *		*			NUMBER OF NON-ZERO SAMPLES	1052	
20 PPB *		*			ARITHMETIC MEAN	1.7034	
50 PPB *		*			VARIANCE	3.2802	
100 PPB *		*			STANDARD DEVIATION	1.8111	
200 PPB *		*			SKEW	7.8747	
500 PPB *		*			EXCESS KURTOSIS	101.0615	
		*			COEFFICIENT OF VARIATION, %	106.3228	
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	*	710	67.49	67.49	STANDARD ERROR OF THE MEAN	.0558
2 PPM *	XXXXXXXXXX	*	177	16.83	84.32	LOWER 95% LIMIT ON THE MEAN	1.5939
5 PPM *	XXXXXXX	*	140	13.31	97.62	UPPER 95% LIMIT ON THE MEAN	1.8130
10 PPM *	X	*	16	1.52	99.14	LOWER 95% LIMIT ON THE RANGE	-1.8500
20 PPM *	I	*	8	.76	99.90	UPPER 95% LIMIT ON THE RANGE	5.2568
50 PPM *	I	*	1	.10	100.00	GEOMETRIC MEAN	1.3900
100 PPM *		*				LOG10 MEAN	.1430
200 PPM *		*				LOG10 VARIANCE	.0547
500 PPM *		*				LOG10 STANDARD DEVIATION	.2338
		*				STANDARD ERROR ON THE MEAN	.0072
		*				LOWER 95% LIMIT ON THE MEAN	1.3454
		*				UPPER 95% LIMIT ON THE MEAN	1.4360
		*				LOWER 95% LIMIT ON THE RANGE	.4834
		*				UPPER 95% LIMIT ON THE RANGE	3.9971
**	*	*	*	*	*		
0	20	40	60	80	100		
PERCENT						MINIMUM VALUE	1.0000
						25TH PERCENTILE OR 1ST QUARTILE	1.0000
						50TH PERCENTILE OR MEDIAN	1.0000
						75TH PERCENTILE OR 3RD QUARTILE	2.0000
						80TH PERCENTILE	2.0000
						90TH PERCENTILE	3.0000
						95TH PERCENTILE	4.0000
						98TH PERCENTILE	6.0000
						99TH PERCENTILE	8.0000
						MAXIMUM VALUE	33.0000

VARIABLE NAME NI	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

			N	%	CUM %		
**	*	*	*	*	*	TOTAL NUMBER OF SAMPLES	1052
			*			NUMBER OF ZERO VALUE SAMPLES	0
10 PPB *			*			NUMBER OF NON-ZERO SAMPLES	1052
20 PPB *			*				
50 PPB *			*			ARITHMETIC MEAN	16.2205
100 PPB *			*			VARIANCE	104.6497
200 PPB *			*			STANDARD DEVIATION	10.2298
500 PPB *			*			SKEW	4.7009
			*			EXCESS KURTOSIS	44.9145
			*			COEFFICIENT OF VARIATION, %	63.0673
1 PPM *	I		*	1	.10	STANDARD ERROR OF THE MEAN	.3154
2 PPM *			*			LOWER 95% LIMIT ON THE MEAN	15.6017
5 PPM *	XX		*	33	3.14	UPPER 95% LIMIT ON THE MEAN	16.8393
10 PPM *	XXXXXXXXXX		*	220	20.91	LOWER 95% LIMIT ON THE RANGE	-3.8504
20 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		*	582	55.32	UPPER 95% LIMIT ON THE RANGE	36.2914
50 PPM *	XXXXXXXXXX		*	204	19.39	GEOMETRIC MEAN	14.2258
100 PPM *	I		*	10	.95	LOG10 MEAN	1.1531
200 PPM *	I		*	2	.19	LOG10 VARIANCE	.0473
500 PPM *			*			LOG10 STANDARD DEVIATION	.2175
1000 PPM *			*			STANDARD ERROR ON THE MEAN	.0067
2000 PPM *			*			LOWER 95% LIMIT ON THE MEAN	13.8013
5000 PPM *			*			UPPER 95% LIMIT ON THE MEAN	14.6634
			*			LOWER 95% LIMIT ON THE RANGE	5.3255
			*			UPPER 95% LIMIT ON THE RANGE	38.0010
			*			MINIMUM VALUE	1.0000
			*			25TH PERCENTILE OR 1ST QUARTILE	11.0000
			*			50TH PERCENTILE OR MEDIAN	14.0000
			*			75TH PERCENTILE OR 3RD QUARTILE	19.0000
			*			80TH PERCENTILE	21.0000
			*			90TH PERCENTILE	25.0000
			*			95TH PERCENTILE	32.0000
			*			98TH PERCENTILE	45.0000
			*			99TH PERCENTILE	52.0000
			*			MAXIMUM VALUE	158.0000

PERCENT

VARIABLE NAME						UNIT OF MEASUREMENT	DATA SUBSET		
CO						PPM	TOTAL		
HISTOGRAM							SUMMARY STATISTICS		
						N	%	CUM %	
**	*	*	*	*	*				TOTAL NUMBER OF SAMPLES
					*				1052
10 PPB *					*				NUMBER OF ZERO VALUE SAMPLES
					*				0
20 PPB *					*				NUMBER OF NON-ZERO SAMPLES
					*				1052
50 PPB *					*				ARITHMETIC MEAN
					*				10.4781
100 PPB *					*				VARIANCE
					*				98.2954
200 PPB *					*				STANDARD DEVIATION
					*				9.9144
500 PPB *					*				SKEW
					*				2.8343
1 PPM *	X				*	16	1.52	1.52	EXCESS KURTOSIS
					*				12.0712
2 PPM *	XXX				*	63	5.99	7.51	COEFFICIENT OF VARIATION, %
					*				94.6199
5 PPM *	XXXXXXXXXXXXXXXXXX				*	288	27.38	34.89	STANDARD ERROR OF THE MEAN
					*				.3057
10 PPM *	XXXXXXXXXXXXXXXXXXXX				*	351	33.37	68.25	LOWER 95% LIMIT ON THE MEAN
					*				9.8784
20 PPM *	XXXXXXXXXXXX				*	210	19.96	88.21	UPPER 95% LIMIT ON THE MEAN
					*				11.0779
50 PPM *	XXXXXX				*	116	11.03	99.24	LOWER 95% LIMIT ON THE RANGE
					*				-8.9739
100 PPM *	I				*	8	.76	100.00	UPPER 95% LIMIT ON THE RANGE
					*				29.9301
200 PPM *					*				GEOMETRIC MEAN
					*				7.5873
500 PPM *					*				LOG10 MEAN
					*				.8801
					*				LOG10 VARIANCE
					*				.1190
					*				LOG10 STANDARD DEVIATION
					*				.3449
					*				STANDARD ERROR ON THE MEAN
					*				.0106
					*				LOWER 95% LIMIT ON THE MEAN
					*				7.2314
					*				UPPER 95% LIMIT ON THE MEAN
					*				7.9607
					*				LOWER 95% LIMIT ON THE RANGE
					*				1.5974
					*				UPPER 95% LIMIT ON THE RANGE
					*				36.0387
**	*	*	*	*	*				MINIMUM VALUE
0	20	40	60	80	100				1.0000
									25TH PERCENTILE OR 1ST QUARTILE
									4.0000
									50TH PERCENTILE OR MEDIAN
									7.0000
									75TH PERCENTILE OR 3RD QUARTILE
									12.0000
									80TH PERCENTILE
									15.0000
									90TH PERCENTILE
									22.0000
									95TH PERCENTILE
									30.0000
									98TH PERCENTILE
									42.0000
									99TH PERCENTILE
									47.0000
									MAXIMUM VALUE
									94.0000

PERCENT

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
AG	PPM	TOTAL

HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
**	*	*	*	*	*	
1 PPB *		*			TOTAL NUMBER OF SAMPLES	1052
2 PPB *		*			NUMBER OF ZERO VALUE SAMPLES	0
5 PPB *		*			NUMBER OF NON-ZERO SAMPLES	1052
10 PPB *		*			ARITHMETIC MEAN	.1420
20 PPB *		*			VARIANCE	.0057
50 PPB *		*			STANDARD DEVIATION	.0754
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* 732	69.58	69.58	SKREW	2.1939
200 PPB *	XXXXXXXXXXXX	* 237	22.53	92.11	EXCESS KURTOSIS	5.4346
500 PPB *	XXXX	* 83	7.89	100.00	COEFFICIENT OF VARIATION, %	53.1277
1 PPM *		*			STANDARD ERROR OF THE MEAN	.0023
2 PPM *		*			LOWER 95% LIMIT ON THE MEAN	.1375
5 PPM *		*			UPPER 95% LIMIT ON THE MEAN	.1466
**	*	*	*	*	LOWER 95% LIMIT ON THE RANGE	-.0060
0	20	40	60	80	UPPER 95% LIMIT ON THE RANGE	.2900
				100	GEOMETRIC MEAN	.1288
					LOG10 MEAN	-.8902
					LOG10 VARIANCE	.0313
					LOG10 STANDARD DEVIATION	.1768
					STANDARD ERROR ON THE MEAN	.0055
					LOWER 95% LIMIT ON THE MEAN	.1256
					UPPER 95% LIMIT ON THE MEAN	.1320
					LOWER 95% LIMIT ON THE RANGE	.0579
					UPPER 95% LIMIT ON THE RANGE	.2862
					MINIMUM VALUE	.1000
					25TH PERCENTILE OR 1ST QUARTILE	.1000
					50TH PERCENTILE OR MEDIAN	.1000
					75TH PERCENTILE OR 3RD QUARTILE	.2000
					80TH PERCENTILE	.2000
					90TH PERCENTILE	.2000
					95TH PERCENTILE	.3000
					98TH PERCENTILE	.4000
					99TH PERCENTILE	.4000
					MAXIMUM VALUE	.5000

PERCENT

VARIABLE NAME MN	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

						N	%	CUM %		
**	*	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	1052
						*			NUMBER OF ZERO VALUE SAMPLES	0
100 PPB *						*			NUMBER OF NON-ZERO SAMPLES	1052
200 PPB *						*				
500 PPB *						*			ARITHMETIC MEAN	394.2120
1 PPM *						*			VARIANCE	*****
2 PPM *						*			STANDARD DEVIATION	794.6662
5 PPM *						*			SKIEW	5.5202
I						*			EXCESS KURTOSIS	38.4890
10 PPM *						*			COEFFICIENT OF VARIATION, %	201.5835
20 PPM *						*	2	.19	STANDARD ERROR OF THE MEAN	24.5006
XXXX						*	6	.57	LOWER 95% LIMIT ON THE MEAN	346.1419
50 PPM *						*		.76	UPPER 95% LIMIT ON THE MEAN	442.2820
XXXXXXX						*	92	8.75	LOWER 95% LIMIT ON THE RANGE	-1164.9184
100 PPM *						*	258	24.52	UPPER 95% LIMIT ON THE RANGE	1953.3424
XXXXXXX						*	263	25.00	GEOMETRIC MEAN	183.1967
200 PPM *						*	247	23.48	LOG10 MEAN	2.2629
XXXXXXX						*	102	9.70	LOG10 VARIANCE	.2310
500 PPM *						*	48	4.56	LOG10 STANDARD DEVIATION	.4806
XXXXX						*		96.77	STANDARD ERROR ON THE MEAN	.0148
1000 PPM *						*	24	2.28	LOWER 95% LIMIT ON THE MEAN	171.3337
XX						*	10	.95	UPPER 95% LIMIT ON THE MEAN	195.8810
2000 PPM *						*		100.00	LOWER 95% LIMIT ON THE RANGE	20.8877
X						*			UPPER 95% LIMIT ON THE RANGE	1606.7351
5000 PPM *						*				
I						*			MINIMUM VALUE	9.0000
1 PCT *						*			25TH PERCENTILE OR 1ST QUARTILE	83.0000
2 PCT *						*			50TH PERCENTILE OR MEDIAN	160.0000
5 PCT *						*			75TH PERCENTILE OR 3RD QUARTILE	343.0000
**	*	*	*	*	*	*			80TH PERCENTILE	440.0000
0	20	40	60	80	100				90TH PERCENTILE	850.0000
									95TH PERCENTILE	1650.0000
									98TH PERCENTILE	2950.0000
									99TH PERCENTILE	4530.0000
									MAXIMUM VALUE	8500.0000

PERCENT

VARIABLE NAME AS						UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL					
HISTOGRAM						SUMMARY STATISTICS						
						N	%	CUM %				
**						*			TOTAL NUMBER OF SAMPLES		1052	
*						*			NUMBER OF ZERO VALUE SAMPLES		0	
*						*			NUMBER OF NON-ZERO SAMPLES		1052	
10 PPB	*					*			ARITHMETIC MEAN		.9087	
20 PPB	*					*			VARIANCE		.5002	
50 PPB	*					*			STANDARD DEVIATION		.7073	
100 PPB	*					*			SKEW		11.6839	
200 PPB	*					*			EXCESS KURTOSIS		230.0316	
500 PPB	*	XXXXXXXXXXXXXXXXXXXXXXX				*	442	42.02	42.02	COEFFICIENT OF VARIATION, %		77.8291
1 PPM	*	XXXXXXXXXXXXXXXXXXXXXXX				*	485	46.10	88.12	STANDARD ERROR OF THE MEAN		.0218
2 PPM	*	XXXXXX				*	106	10.08	98.19	LOWER 95% LIMIT ON THE MEAN		.8660
5 PPM	*	X				*	16	1.52	99.71	UPPER 95% LIMIT ON THE MEAN		.9515
10 PPM	*	I				*	2	.19	99.90	LOWER 95% LIMIT ON THE RANGE		-.4789
20 PPM	*	I				*	1	.10	100.00	UPPER 95% LIMIT ON THE RANGE		2.2964
50 PPM	*					*				GEOMETRIC MEAN		.8016
100 PPM	*					*				LOG10 MEAN		-.0960
200 PPM	*					*				LOG10 VARIANCE		.0397
500 PPM	*					*				LOG10 STANDARD DEVIATION		.1993
						*				STANDARD ERROR ON THE MEAN		.0061
						*				LOWER 95% LIMIT ON THE MEAN		.7797
						*				UPPER 95% LIMIT ON THE MEAN		.8242
						*				LOWER 95% LIMIT ON THE RANGE		.3258
						*				UPPER 95% LIMIT ON THE RANGE		1.9723
**												
0												
20												
40												
60												
80												
100												
PERCENT												
										MINIMUM VALUE		.5000
										25TH PERCENTILE OR 1ST QUARTILE		.5000
										50TH PERCENTILE OR MEDIAN		1.0000
										75TH PERCENTILE OR 3RD QUARTILE		1.0000
										80TH PERCENTILE		1.0000
										90TH PERCENTILE		1.5000
										95TH PERCENTILE		1.5000
										98TH PERCENTILE		2.0000
										99TH PERCENTILE		3.0000
										MAXIMUM VALUE		16.5000

PERCENT

VARIABLE NAME					UNIT OF MEASUREMENT		DATA SUBSET	
MO					PPM		TOTAL	
HISTOGRAM								SUMMARY STATISTICS
					N	%	CUM %	
** * * * *					*			TOTAL NUMBER OF SAMPLES 1052
					*			NUMBER OF ZERO VALUE SAMPLES 0
					*			NUMBER OF NON-ZERO SAMPLES 1052
10 PPB *					*			ARITHMETIC MEAN 2.1911
20 PPB *					*			VARIANCE 6.0500
50 PPB *					*			STANDARD DEVIATION 2.4597
100 PPB *					*			SKEW 5.6707
200 PPB *					*			EXCESS KURTOSIS 50.6614
500 PPB *					*			COEFFICIENT OF VARIATION, % 112.2597
1 PPM *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				* 560	53.23	53.23	STANDARD ERROR OF THE MEAN .0758
2 PPM *	XXXXXXXXXXXX				* 251	23.86	77.09	LOWER 95% LIMIT ON THE MEAN 2.0423
5 PPM *	XXXXXXX				* 176	16.73	93.82	UPPER 95% LIMIT ON THE MEAN 2.3399
10 PPM *	XX				* 51	4.85	98.67	LOWER 95% LIMIT ON THE RANGE -2.6348
20 PPM *	X				* 11	1.05	99.71	UPPER 95% LIMIT ON THE RANGE 7.0169
50 PPM *	I				* 3	.29	100.00	GEOMETRIC MEAN 1.6643
100 PPM *					*			LOG10 MEAN .2212
200 PPM *					*			LOG10 VARIANCE .0796
500 PPM *					*			LOG10 STANDARD DEVIATION .2821
					*			STANDARD ERROR ON THE MEAN .0087
					*			LOWER 95% LIMIT ON THE MEAN 1.6002
					*			UPPER 95% LIMIT ON THE MEAN 1.7310
					*			LOWER 95% LIMIT ON THE RANGE .4654
					*			UPPER 95% LIMIT ON THE RANGE 5.9518
** * * * *								MINIMUM VALUE 1.0000
0 20 40 60 80 100								25TH PERCENTILE OR 1ST QUARTILE 1.0000
PERCENT								50TH PERCENTILE OR MEDIAN 1.0000
								75TH PERCENTILE OR 3RD QUARTILE 2.0000
								80TH PERCENTILE 3.0000
								90TH PERCENTILE 4.0000
								95TH PERCENTILE 6.0000
								98TH PERCENTILE 9.0000
								99TH PERCENTILE 12.0000
								MAXIMUM VALUE 35.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
FE	PCT	TOTAL

HISTOGRAM

SUMMARY STATISTICS

PERCENT						N	%	CUM %	SUMMARY STATISTICS	
**	*	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	1052
10 PPM	*					*			NUMBER OF ZERO VALUE SAMPLES	0
20 PPM	*					*			NUMBER OF NON-ZERO SAMPLES	1052
50 PPM	*					*			ARITHMETIC MEAN	2.6361
100 PPM	*					*			VARIANCE	6.0548
200 PPM	*					*			STANDARD DEVIATION	2.4606
500 PPM	*					*			SKEW	2.1349
1000 PPM	I					*			EXCESS KURTOSIS	6.4463
2000 PPM	I					*			COEFFICIENT OF VARIATION, %	93.3425
5000 PPM	XXXX					*	1	.10	STANDARD ERROR OF THE MEAN	.0759
1 PCT	XXXXXXXXXX					*	7	.67	LOWER 95% LIMIT ON THE MEAN	2.4873
2 PCT	XXXXXXXXXXXXXXXX					*	78	7.41	UPPER 95% LIMIT ON THE MEAN	2.7850
5 PCT	XXXXXXXXXXXXXXXXXXXX					*	210	19.96	LOWER 95% LIMIT ON THE RANGE	-2.1916
10 PCT	XXXXXXXX					*	281	26.71	UPPER 95% LIMIT ON THE RANGE	7.4639
20 PCT	I					*	327	31.08	GEOMETRIC MEAN	1.8160
50 PCT						*	131	12.45	LOG10 MEAN	.2591
						*	16	1.52	LOG10 VARIANCE	.1467
						*	1	.10	LOG10 STANDARD DEVIATION	.3831
						*			STANDARD ERROR ON THE MEAN	.0118
						*			LOWER 95% LIMIT ON THE MEAN	1.7216
						*			UPPER 95% LIMIT ON THE MEAN	1.9155
						*			LOWER 95% LIMIT ON THE RANGE	.3218
						*			UPPER 95% LIMIT ON THE RANGE	10.2488
						*			MINIMUM VALUE	.1000
						*			25TH PERCENTILE OR 1ST QUARTILE	.9500
						*			50TH PERCENTILE OR MEDIAN	1.8500
						*			75TH PERCENTILE OR 3RD QUARTILE	3.4000
						*			80TH PERCENTILE	4.1000
						*			90TH PERCENTILE	5.9000
						*			95TH PERCENTILE	7.7000
						*			98TH PERCENTILE	9.9000
						*			99TH PERCENTILE	12.5000
						*			MAXIMUM VALUE	21.0000

VARIABLE NAME	UNIT OF MEASUREMENT	DATA SUBSET
HG	PPB	TOTAL

HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
**	*				TOTAL NUMBER OF SAMPLES	1052
					NUMBER OF ZERO VALUE SAMPLES	0
1 PPB *					NUMBER OF NON-ZERO SAMPLES	1052
2 PPB *					ARITHMETIC MEAN	117.2053
5 PPB *					VARIANCE	3733.5715
10 PPB *					STANDARD DEVIATION	61.1030
	X	12	1.14	1.14	SKEW	1.1446
20 PPB *	XXXXX				EXCESS KURTOSIS	1.6969
50 PPB *	XXXXXXXXXXXXXXXXXXXXX	100	9.51	10.65	COEFFICIENT OF VARIATION, %	52.1333
100 PPB *	XXXXXXXXXXXXXXXXXXXXX	417	39.64	50.29	STANDARD ERROR OF THE MEAN	1.8839
200 PPB *	XXXXXXXXXXXXXXXXXXXXX	432	41.06	91.35	LOWER 95% LIMIT ON THE MEAN	113.5092
500 PPB *	XXXXX	91	8.65	100.00	UPPER 95% LIMIT ON THE MEAN	120.9015
					LOWER 95% LIMIT ON THE RANGE	-2.6783
1 PPM *					UPPER 95% LIMIT ON THE RANGE	237.0890
2 PPM *						
5 PPM *					GEOMETRIC MEAN	102.3289
					LOG10 MEAN	2.0100
					LOG10 VARIANCE	.0548
					LOG10 STANDARD DEVIATION	.2340
**	*				STANDARD ERROR ON THE MEAN	.0072
0	20	40	60	80	LOWER 95% LIMIT ON THE MEAN	99.0469
					UPPER 95% LIMIT ON THE MEAN	105.7197
					LOWER 95% LIMIT ON THE RANGE	35.5472
					UPPER 95% LIMIT ON THE RANGE	294.5718
					MINIMUM VALUE	20.0000
					25TH PERCENTILE OR 1ST QUARTILE	70.0000
					50TH PERCENTILE OR MEDIAN	100.0000
					75TH PERCENTILE OR 3RD QUARTILE	150.0000
					80TH PERCENTILE	160.0000
					90TH PERCENTILE	200.0000
					95TH PERCENTILE	240.0000
					98TH PERCENTILE	280.0000
					99TH PERCENTILE	320.0000
					MAXIMUM VALUE	420.0000

PERCENT

VARIABLE NAME LOI	UNIT OF MEASUREMENT PCT	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
**	*	*	*	*	TOTAL NUMBER OF SAMPLES	1052
100 PPM *		*			NUMBER OF ZERO VALUE SAMPLES	0
200 PPM *		*			NUMBER OF NON-ZERO SAMPLES	1052
500 PPM *		*			ARITHMETIC MEAN	28.5444
1000 PPM *		*			VARIANCE	165.6287
2000 PPM *		*			STANDARD DEVIATION	12.8697
5000 PPM *		*			SKEW	.2006
		*			EXCESS KURTOSIS	.7272
		*			COEFFICIENT OF VARIATION, %	45.0866
1 PCT * I		* 1	.10	.10	STANDARD ERROR OF THE MEAN	.3968
2 PCT * I		* 7	.67	.76	LOWER 95% LIMIT ON THE MEAN	27.7659
5 PCT * X		* 27	2.57	3.33	UPPER 95% LIMIT ON THE MEAN	29.3229
10 PCT * XXXX		* 79	7.51	10.84	LOWER 95% LIMIT ON THE RANGE	3.2941
20 PCT * XXXXXXXX		* 157	14.92	25.76	UPPER 95% LIMIT ON THE RANGE	53.7946
50 PCT * XX		* 741	70.44	96.20	GEOMETRIC MEAN	24.5754
		*			LOG10 MEAN	1.3905
		*			LOG10 VARIANCE	.0759
		*			LOG10 STANDARD DEVIATION	.2755
**	*	*	*	*	STANDARD ERROR ON THE MEAN	.0085
0	20	40	60	80	LOWER 95% LIMIT ON THE MEAN	23.6504
				100	UPPER 95% LIMIT ON THE MEAN	25.5366
					LOWER 95% LIMIT ON THE RANGE	7.0805
					UPPER 95% LIMIT ON THE RANGE	85.2978
					MINIMUM VALUE	1.0000
					25TH PERCENTILE OR 1ST QUARTILE	19.8000
					50TH PERCENTILE OR MEDIAN	29.4000
					75TH PERCENTILE OR 3RD QUARTILE	36.8000
					80TH PERCENTILE	38.4000
					90TH PERCENTILE	43.6000
					95TH PERCENTILE	48.0000
					98TH PERCENTILE	55.2000
					99TH PERCENTILE	58.4000
					MAXIMUM VALUE	89.4000

PERCENT

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VARIABLE NAME F	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

	**	*	*	*	*	*	N	%	CUM %	TOTAL NUMBER OF SAMPLES	1052
1 PPM	*					*				NUMBER OF ZERO VALUE SAMPLES	0
2 PPM	*					*				NUMBER OF NON-ZERO SAMPLES	1052
5 PPM	*					*				ARITHMETIC MEAN	193.9829
10 PPM	*					*				VARIANCE	9317.6134
20 PPM	*					*				STANDARD DEVIATION	96.5278
50 PPM	X					*	14	1.33	1.33	SKEW	1.2664
100 PPM	XXXXXXXX					*	181	17.21	18.54	EXCESS KURTOSIS	4.8935
200 PPM	XXXXXXXXXXXXXXXXXXXX					*	415	39.45	57.98	COEFFICIENT OF VARIATION, %	49.7610
500 PPM	XXXXXXXXXXXXXXXXXXXX					*	436	41.44	99.43	STANDARD ERROR OF THE MEAN	2.9761
1000 PPM	I					*	6	.57	100.00	LOWER 95% LIMIT ON THE MEAN	188.1438
2000 PPM						*				UPPER 95% LIMIT ON THE MEAN	199.8219
5000 PPM						*				LOWER 95% LIMIT ON THE RANGE	4.5959
						*				UPPER 95% LIMIT ON THE RANGE	383.3698
						*				GEOMETRIC MEAN	171.3100
						*				LOG10 MEAN	2.2338
						*				LOG10 VARIANCE	.0496
						*				LOG10 STANDARD DEVIATION	.2227
	**	*	*	*	*	*				STANDARD ERROR ON THE MEAN	.0069
	0	20	40	60	80	100				LOWER 95% LIMIT ON THE MEAN	166.0775
										UPPER 95% LIMIT ON THE MEAN	176.7074
										LOWER 95% LIMIT ON THE RANGE	62.6364
										UPPER 95% LIMIT ON THE RANGE	468.5316
										MINIMUM VALUE	40.0000
										25TH PERCENTILE OR 1ST QUARTILE	120.0000
										50TH PERCENTILE OR MEDIAN	180.0000
										75TH PERCENTILE OR 3RD QUARTILE	250.0000
										80TH PERCENTILE	270.0000
										90TH PERCENTILE	320.0000
										95TH PERCENTILE	360.0000
										98TH PERCENTILE	420.0000
										99TH PERCENTILE	460.0000
										MAXIMUM VALUE	1000.0000

PERCENT

VARIABLE NAME V	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

					N	%	CUM %		
**	*	*	*	*	*			TOTAL NUMBER OF SAMPLES	1052
					*			NUMBER OF ZERO VALUE SAMPLES	0
100 PPB *					*			NUMBER OF NON-ZERO SAMPLES	1052
200 PPB *					*				
500 PPB *					*			ARITHMETIC MEAN	41.4106
1 PPM *					*			VARIANCE	610.0329
I					*			STANDARD DEVIATION	24.6988
2 PPM *					*	2	.19	SKEW	2.2482
I					*	3	.29	EXCESS KURTOSIS	15.7154
5 PPM *					*			COEFFICIENT OF VARIATION, %	59.6437
XX					*	49	4.66		
10 PPM *					*			STANDARD ERROR OF THE MEAN	.7615
XXXXXXXXXX					*	200	19.01	LOWER 95% LIMIT ON THE MEAN	39.9166
20 PPM *					*			UPPER 95% LIMIT ON THE MEAN	42.9047
XXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	528	50.19	LOWER 95% LIMIT ON THE RANGE	-7.0483
50 PPM *					*			UPPER 95% LIMIT ON THE RANGE	89.8696
XXXXXXXXXXXXXXXX					*	246	23.38		
100 PPM *					*				
X					*	23	2.19	GEOMETRIC MEAN	35.0809
200 PPM *					*			LOG10 MEAN	1.5451
I					*	1	.10	LOG10 VARIANCE	.0671
500 PPM *					*			LOG10 STANDARD DEVIATION	.2591
					*				
1000 PPM *					*			STANDARD ERROR ON THE MEAN	.0080
					*			LOWER 95% LIMIT ON THE MEAN	33.8374
2000 PPM *					*			UPPER 95% LIMIT ON THE MEAN	36.3702
					*				
5000 PPM *					*			LOWER 95% LIMIT ON THE RANGE	10.8813
					*			UPPER 95% LIMIT ON THE RANGE	113.0996
**	*	*	*	*	*				
0	20	40	60	80	100				
								MINIMUM VALUE	2.0000
								25TH PERCENTILE OR 1ST QUANTILE	25.0000
								50TH PERCENTILE OR MEDIAN	35.0000
								75TH PERCENTILE OR 3RD QUANTILE	55.0000
								80TH PERCENTILE	60.0000
								90TH PERCENTILE	70.0000
								95TH PERCENTILE	90.0000
								98TH PERCENTILE	105.0000
								99TH PERCENTILE	115.0000
								MAXIMUM VALUE	320.0000

PERCENT

VARIABLE NAME CD	UNIT OF MEASUREMENT PPM	DATA SUBSET TOTAL
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HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
**	*				TOTAL NUMBER OF SAMPLES	1052
					NUMBER OF ZERO VALUE SAMPLES	0
					NUMBER OF NON-ZERO SAMPLES	1052
1 PPB *					ARITHMETIC MEAN	.1475
2 PPB *					VARIANCE	.0204
5 PPB *					STANDARD DEVIATION	.1430
10 PPB *					SKEW	19.0821
20 PPB *					EXCESS KURTOSIS	500.5563
50 PPB *					COEFFICIENT OF VARIATION, %	96.9116
100 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	719	68.35	68.35	STANDARD ERROR OF THE MEAN	.0044
200 PPB *	XXXXXXXXXXXX	245	23.29	91.63	LOWER 95% LIMIT ON THE MEAN	.1389
500 PPB *	XXXX	82	7.79	99.43	UPPER 95% LIMIT ON THE MEAN	.1562
1 PPM *	I	5	.48	99.90	LOWER 95% LIMIT ON THE RANGE	-.1330
2 PPM *					UPPER 95% LIMIT ON THE RANGE	.4280
5 PPM *	I	1	.10	100.00	GEOMETRIC MEAN	.1304
10 PPM *					LOG10 MEAN	-.8846
20 PPM *					LOG10 VARIANCE	.0342
50 PPM *					LOG10 STANDARD DEVIATION	.1850
					STANDARD ERROR ON THE MEAN	.0057
					LOWER 95% LIMIT ON THE MEAN	.1271
					UPPER 95% LIMIT ON THE MEAN	.1338
					LOWER 95% LIMIT ON THE RANGE	.0566
					UPPER 95% LIMIT ON THE RANGE	.3008
**	*				MINIMUM VALUE	.1000
0	20	40	60	80	25TH PERCENTILE OR 1ST QUARTILE	.1000
					50TH PERCENTILE OR MEDIAN	.1000
					75TH PERCENTILE OR 3RD QUARTILE	.2000
					80TH PERCENTILE	.2000
					90TH PERCENTILE	.2000
					95TH PERCENTILE	.3000
					98TH PERCENTILE	.4000
					99TH PERCENTILE	.4000
					MAXIMUM VALUE	4.0000

PERCENT

VARIABLE NAME F-W						UNIT OF MEASUREMENT PPB	DATA SUBSET TOTAL				
HISTOGRAM							N	%	CUM %	SUMMARY STATISTICS	
**	*	*	*	*	*	*				TOTAL NUMBER OF SAMPLES	1052
						*				NUMBER OF ZERO VALUE SAMPLES	0
100 PPT *						*				NUMBER OF NON-ZERO SAMPLES	1052
200 PPT *						*					
500 PPT *						*				ARITHMETIC MEAN	31.7452
1 PPB *						*				VARIANCE	1257.7771
2 PPB *						*				STANDARD DEVIATION	35.4652
5 PPB *						*				SKEW	10.5654
						*				EXCESS KURTOSIS	186.4471
						*				COEFFICIENT OF VARIATION, %	111.7180
10 PPB *	XXXXXXXXXXXXXX					*	265	25.19	25.19	STANDARD ERROR OF THE MEAN	1.0934
20 PPB *	XXXXX					*	102	9.70	34.89	LOWER 95% LIMIT ON THE MEAN	29.5999
50 PPB *	XXXXXXXXXXXXXXXXXXXXXXXXXXXX					*	541	51.43	86.31	UPPER 95% LIMIT ON THE MEAN	33.8906
100 PPB *	XXXXXX					*	118	11.22	97.53	LOWER 95% LIMIT ON THE RANGE	-37.8372
200 PPB *	X					*	22	2.09	99.62	UPPER 95% LIMIT ON THE RANGE	101.3277
500 PPB *	I					*	3	.29	99.90	GEOMETRIC MEAN	24.5377
1 PPM *	I					*	1	.10	100.00	LOG10 MEAN	1.3898
2 PPM *						*				LOG10 VARIANCE	.0854
5 PPM *						*				LOG10 STANDARD DEVIATION	.2922
						*				STANDARD ERROR ON THE MEAN	.0090
						*				LOWER 95% LIMIT ON THE MEAN	23.5592
						*				UPPER 95% LIMIT ON THE MEAN	25.5569
						*				LOWER 95% LIMIT ON THE RANGE	6.5556
						*				UPPER 95% LIMIT ON THE RANGE	91.8449
**	*	*	*	*	*	*					
0	20	40	60	80	100					MINIMUM VALUE	10.0000
										25TH PERCENTILE OR 1ST QUARTILE	10.0000
										50TH PERCENTILE OR MEDIAN	24.0000
										75TH PERCENTILE OR 3RD QUARTILE	36.0000
										80TH PERCENTILE	42.0000
										90TH PERCENTILE	60.0000
										95TH PERCENTILE	76.0000
										98TH PERCENTILE	110.0000
										99TH PERCENTILE	130.0000
										MAXIMUM VALUE	760.0000

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

HISTOGRAM

SUMMARY STATISTICS

		N	%	CUM %		
	**				TOTAL NUMBER OF SAMPLES	1052
	*				NUMBER OF ZERO VALUE SAMPLES	0
1 PPT *					NUMBER OF NON-ZERO SAMPLES	1052
	*					
2 PPT *						
	*				ARITHMETIC MEAN	.0242
5 PPT *					VARIANCE	.0013
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	*	675	64.16	64.16	STANDARD DEVIATION	.0364
10 PPT *					SKREW	6.6935
XX	*	43	4.09	68.25	EXCESS KURTOSIS	64.4563
20 PPT *						
XXXXXXXXXXXX	*	263	25.00	93.25	COEFFICIENT OF VARIATION, %	150.5597
50 PPT *						
XX	*	46	4.37	97.62	STANDARD ERROR OF THE MEAN	.0011
100 PPT *					LOWER 95% LIMIT ON THE MEAN	.0220
X	*	16	1.52	99.14	UPPER 95% LIMIT ON THE MEAN	.0264
200 PPT *						
I	*	8	.76	99.90	LOWER 95% LIMIT ON THE RANGE	-.0472
500 PPT *					UPPER 95% LIMIT ON THE RANGE	.0955
I	*	1	.10	100.00		
1 PPB *						
	*				GEOMETRIC MEAN	.0164
2 PPB *					LOG10 MEAN	-1.7860
	*				LOG10 VARIANCE	.1038
5 PPB *					LOG10 STANDARD DEVIATION	.3222
	*					
**					STANDARD ERROR ON THE MEAN	.0099
0	*				LOWER 95% LIMIT ON THE MEAN	.0157
20					UPPER 95% LIMIT ON THE MEAN	.0171
40	*					
60	*				LOWER 95% LIMIT ON THE RANGE	.0038
80	*				UPPER 95% LIMIT ON THE RANGE	.0702
100	*					
					MINIMUM VALUE	.0100
					25TH PERCENTILE OR 1ST QUARTILE	.0100
					50TH PERCENTILE OR MEDIAN	.0100
					75TH PERCENTILE OR 3RD QUARTILE	.0300
					80TH PERCENTILE	.0300
					90TH PERCENTILE	.0500
					95TH PERCENTILE	.0800
					98TH PERCENTILE	.1200
					99TH PERCENTILE	.1800
					MAXIMUM VALUE	.5400

PERCENT

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
TOTAL	ZN	PPM	1052	91.1	49.3	54.1	1.93	11.81	88.1 94.0	79.7	1.9013	.2268	77.2 82.2
TOTAL	CU	PPM	1052	24.6	16.0	65.1	3.64	26.34	23.7 25.6	21.1	1.3249	.2371	20.4 21.8
TOTAL	PB	PPM	1052	1.70	1.81	106.3	7.87	101.06	1.59 1.81	1.39	.1430	.2338	1.35 1.44
TOTAL	NI	PPM	1052	16.2	10.2	63.1	4.70	44.91	15.6 16.8	14.2	1.1531	.2175	13.8 14.7
TOTAL	CO	PPM	1052	10.5	9.91	94.6	2.83	12.07	9.88 11.1	7.59	.8801	.3449	7.23 7.96
TOTAL	AG	PPM	1052	.142	.754E-01	53.1	2.19	5.43	.137 .147	.129	-.8902	.1768	.126 .132
TOTAL	MN	PPM	1052	394.	795.	201.6	5.52	38.49	346. 442.	183.	2.2629	.4806	171. 196.
TOTAL	AS	PPM	1052	.909	.707	77.8	11.68	230.03	.866 .952	.802	-.0960	.1993	.780 .824
TOTAL	MO	PPM	1052	2.19	2.46	112.3	5.67	50.66	2.04 2.34	1.66	.2212	.2821	1.60 1.73
TOTAL	FE	PCT	1052	2.64	2.46	93.3	2.13	6.45	2.49 2.78	1.82	.2591	.3831	1.72 1.92
TOTAL	HG	PPB	1052	117.	61.1	52.1	1.14	1.70	114. 121.	102.	2.0100	.2340	99.0 106.
TOTAL	LOI	PCT	1052	28.5	12.9	45.1	.20	.73	27.8 29.3	24.6	1.3905	.2755	23.7 25.5
TOTAL	U	PPM	1052	3.46	5.21	150.6	7.88	85.05	3.15 3.78	2.47	.3935	.3040	2.37 2.58
TOTAL	F	PPM	1052	194.	96.5	49.8	1.27	4.89	188. 200.	171.	2.2338	.2227	166. 177.
TOTAL	V	PPM	1052	41.4	24.7	59.6	2.25	15.72	39.9 42.9	35.1	1.5451	.2591	33.8 36.4
TOTAL	CD	PPM	1052	.148	.143	96.9	19.08	500.56	.139 .156	.130	-.8846	.1850	.127 .134
TOTAL	F-W	PPB	1052	31.7	35.5	111.7	10.57	186.45	29.6 33.9	24.5	1.3898	.2922	23.6 25.6
TOTAL	U-W	PPB	1052	.242E-01	.364E-01	150.6	6.69	64.46	.220E-01 .264E-01	.164E-01	1.7860	.3222	.157E-01 .171E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
TOTAL	ZN	PPM	1052	11.000	53.000	80.000	120.000	130.000	160.000	180.000	200.000	230.000	610.000
TOTAL	CU	PPM	1052	4.000	15.000	21.000	30.000	32.000	42.000	52.000	64.000	77.000	200.000
TOTAL	PB	PPM	1052	1.000	1.000	1.000	2.000	2.000	3.000	4.000	6.000	8.000	33.000
TOTAL	NI	PPM	1052	1.000	11.000	14.000	19.000	21.000	25.000	32.000	45.000	52.000	158.000
TOTAL	CO	PPM	1052	1.000	4.000	7.000	12.000	15.000	22.000	30.000	42.000	47.000	94.000
TOTAL	AG	PPM	1052	.100	.100	.100	.200	.200	.200	.300	.400	.400	.500
TOTAL	MN	PPM	1052	9.000	83.000	160.000	343.000	440.000	850.000	1650.000	2950.000	4530.000	8500.000
TOTAL	AS	PPM	1052	.500	.500	1.000	1.000	1.000	1.500	1.500	2.000	3.000	16.500
TOTAL	MO	PPM	1052	1.000	1.000	1.000	2.000	3.000	4.000	6.000	9.000	12.000	35.000
TOTAL	FE	PCT	1052	.100	.950	1.850	3.400	4.100	5.900	7.700	9.900	12.500	21.000
TOTAL	HG	PPB	1052	20.000	70.000	100.000	150.000	160.000	200.000	240.000	280.000	320.000	420.000
TOTAL	LOI	PCT	1052	1.000	19.800	29.400	36.800	38.400	43.600	48.000	55.200	58.400	89.400
TOTAL	U	PPM	1052	.400	1.600	2.300	3.600	4.000	5.600	8.500	18.400	28.800	82.600
TOTAL	F	PPM	1052	40.000	120.000	180.000	250.000	270.000	320.000	360.000	420.000	460.000	1000.000
TOTAL	V	PPM	1052	2.000	25.000	35.000	55.000	60.000	70.000	90.000	105.000	115.000	320.000
TOTAL	CD	PPM	1052	.100	.100	.100	.200	.200	.200	.300	.400	.400	4.000
TOTAL	F-W	PPB	1052	10.000	10.000	24.000	36.000	42.000	60.000	76.000	110.000	130.000	760.000
TOTAL	U-W	PPB	1052	.010	.010	.010	.030	.030	.050	.080	.120	.180	.540

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		
HUGP	ZN	PPM	463	81.8	42.5	52.0	.91	.37	77.9	85.7	71.4	1.8539	.2311	68.0	75.0
HUGN	ZN	PPM	244	94.2	45.9	48.7	.68	-.53	88.4	100.	83.6	1.9220	.2171	78.4	89.0
NH15	ZN	PPM	19	67.2	34.8	51.7	.75	-.84	50.5	83.9	59.6	1.7754	.2155	47.0	75.7
PH10	ZN	PPM	90	91.9	36.9	40.1	.71	-.15	84.2	99.6	84.9	1.9290	.1752	78.0	92.4
PH14	ZN	PPM	135	109.	51.7	47.3	.75	-.29	101.	118.	97.9	1.9907	.2067	90.3	106.
HUGB	ZN	PPM	56	112.	89.3	79.4	3.53	15.90	88.6	136.	93.8	1.9722	.2455	80.6	109.
PHAW	ZN	PPM	33	94.1	50.3	53.5	1.06	.05	76.2	112.	83.2	1.9200	.2141	69.8	99.0
NHWS	ZN	PPM	10	116.	72.4	62.3	.96	-.49	65.1	167.	99.3	1.9971	.2481	66.4	149.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	ZN	PPM	463	11.000	48.000	73.000	108.000	120.000	145.000	165.000	185.000	200.000	235.000
HUGN	ZN	PPM	244	21.000	55.000	80.000	123.000	140.000	168.000	185.000	195.000	203.000	222.000
NH15	ZN	PPM	19	28.000	44.000	48.000	90.000	105.000	125.000	138.000	138.000	138.000	138.000
PH10	ZN	PPM	90	34.000	63.000	85.000	115.000	125.000	143.000	175.000	183.000	185.000	185.000
PH14	ZN	PPM	135	33.000	68.000	98.000	143.000	160.000	188.000	200.000	240.000	255.000	255.000
HUGB	ZN	PPM	56	34.000	68.000	90.000	128.000	140.000	178.000	290.000	610.000	610.000	610.000
PHAW	ZN	PPM	33	39.000	60.000	75.000	150.000	150.000	176.000	183.000	230.000	230.000	230.000
NHWS	ZN	PPM	10	53.000	62.000	90.000	165.000	210.000	260.000	260.000	260.000	260.000	260.000

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		
HUGP	CU	PPM	463	22.3	15.2	68.1	3.41	22.97	20.9	23.7	18.8	1.2751	.2473	17.9	19.8
HUGN	CU	PPM	244	31.8	21.3	67.0	3.55	20.50	29.1	34.5	27.2	1.4349	.2380	25.4	29.2
NH15	CU	PPM	19	24.7	13.4	54.4	.96	.10	18.2	31.1	21.6	1.3346	.2301	16.8	27.9
PH10	CU	PPM	90	28.1	12.0	42.7	.85	.51	25.6	30.6	25.6	1.4083	.1935	23.3	28.1
PH14	CU	PPM	135	20.0	7.25	36.3	.73	.12	18.7	21.2	18.7	1.2723	.1579	17.6	19.9
HUGB	CU	PPM	56	23.7	11.4	48.0	1.16	2.07	20.6	26.7	21.1	1.3244	.2174	18.5	24.1
PHAW	CU	PPM	33	18.3	9.38	51.3	2.51	8.00	15.0	21.6	16.7	1.2218	.1801	14.4	19.3
NHWS	CU	PPM	10	18.4	5.23	28.4	-.49	-.26	14.7	22.1	17.6	1.2452	.1468	13.9	22.3

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	CU	PPM	463	4.000	13.000	19.000	27.000	30.000	39.000	49.000	63.000	76.000	171.000
HUGN	CU	PPM	244	5.000	20.000	27.000	39.000	42.000	52.000	64.000	82.000	148.000	200.000
NH15	CU	PPM	19	10.000	16.000	20.000	32.000	33.000	53.000	55.000	55.000	55.000	55.000
PH10	CU	PPM	90	7.000	21.000	26.000	32.000	38.000	46.000	57.000	59.000	60.000	60.000
PH14	CU	PPM	135	8.000	15.000	19.000	24.000	26.000	30.000	35.000	39.000	40.000	40.000
HUGB	CU	PPM	56	5.000	17.000	23.000	29.000	31.000	39.000	47.000	64.000	64.000	64.000
PHAW	CU	PPM	33	7.000	13.000	16.000	21.000	21.000	32.000	34.000	58.000	58.000	58.000
NHWS	CU	PPM	10	8.000	15.000	20.000	21.000	24.000	26.000	26.000	26.000	26.000	26.000

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
HUGP	PB	PPM	463	1.45	1.27	87.4	7.38	78.58	1.33 1.56	1.26	.1001	.1929	1.21 1.31
HUGN	PB	PPM	244	1.30	.895	69.1	4.46	23.25	1.18 1.41	1.17	.0663	.1667	1.11 1.22
NH15	PB	PPM	19	1.79	2.97	166.2	3.94	13.68	.362 3.22	1.24	.0920	.2722	.915 1.67
PH10	PB	PPM	90	1.77	1.01	57.0	1.21	.85	1.56 1.98	1.54	.1873	.2214	1.38 1.71
PH14	PB	PPM	135	2.36	1.66	70.2	2.01	5.86	2.08 2.65	1.94	.2875	.2675	1.75 2.15
HUGB	PB	PPM	56	2.68	4.56	170.1	5.59	33.69	1.46 3.90	1.78	.2493	.3194	1.46 2.16
PHAW	PB	PPM	33	3.15	3.07	97.5	2.81	7.61	2.06 4.24	2.41	.3825	.2950	1.90 3.07
NHWS	PB	PPM	10	3.40	4.30	126.5	1.79	1.78	.371 6.43	2.06	.3128	.4162	1.05 4.04

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	PB	PPM	463	1.000	1.000	1.000	2.000	2.000	2.000	3.000	5.000	6.000	18.000
HUGN	PB	PPM	244	1.000	1.000	1.000	1.000	1.000	2.000	3.000	6.000	6.000	8.000
NH15	PB	PPM	19	1.000	1.000	1.000	1.000	1.000	2.000	14.000	14.000	14.000	14.000
PH10	PB	PPM	90	1.000	1.000	1.000	2.000	3.000	3.000	4.000	5.000	5.000	5.000
PH14	PB	PPM	135	1.000	1.000	2.000	3.000	3.000	4.000	5.000	8.000	11.000	11.000
HUGB	PB	PPM	56	1.000	1.000	2.000	3.000	3.000	4.000	9.000	33.000	33.000	33.000
PHAW	PB	PPM	33	1.000	2.000	2.000	3.000	4.000	6.000	13.000	15.000	15.000	15.000
NHWS	PB	PPM	10	1.000	1.000	2.000	3.000	8.000	14.000	14.000	14.000	14.000	14.000

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
HUGP	NI	PPM	463	15.2	7.45	48.9	2.22	11.54	14.5	15.9	13.6	1.1351	13.1
HUGN	NI	PPM	244	22.6	16.1	71.2	3.69	22.97	20.6	24.6	19.0	1.2797	17.7
NH15	NI	PPM	19	15.3	6.05	39.5	1.69	3.01	12.4	18.2	14.4	1.1589	12.2
PH10	NI	PPM	90	12.7	4.75	37.4	2.06	7.95	11.7	13.7	12.0	1.0775	11.1
PH14	NI	PPM	135	14.0	4.52	32.3	.40	-.54	13.2	14.8	13.3	1.1226	12.5
HUGB	NI	PPM	56	11.4	4.21	37.0	.45	-.02	10.2	12.5	10.6	1.0238	9.47
PHAW	NI	PPM	33	12.8	4.63	36.1	.53	-.34	11.2	14.5	12.0	1.0801	10.6
NHWS	NI	PPM	10	10.5	2.55	24.3	-.59	-.98	8.70	12.3	10.2	1.0078	8.40

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	NI	PPM	463	1.000	11.000	14.000	19.000	20.000	23.000	27.000	36.000	39.000	75.000
HUGN	NI	PPM	244	3.000	13.000	19.000	27.000	30.000	40.000	46.000	66.000	106.000	158.000
NH15	NI	PPM	19	8.000	12.000	14.000	17.000	17.000	25.000	34.000	34.000	34.000	34.000
PH10	NI	PPM	90	3.000	10.000	12.000	15.000	16.000	18.000	21.000	25.000	38.000	38.000
PH14	NI	PPM	135	5.000	11.000	13.000	17.000	19.000	20.000	22.000	24.000	26.000	26.000
HUGB	NI	PPM	56	3.000	9.000	11.000	14.000	15.000	18.000	19.000	23.000	23.000	23.000
PHAW	NI	PPM	33	6.000	9.000	12.000	17.000	18.000	19.000	20.000	25.000	25.000	25.000
NHWS	NI	PPM	10	6.000	9.000	12.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000

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
HUGP	CO	PPM	463	8.19	7.20	87.9	4.01	26.15	7.53 8.85	6.30	.7995	.3157	5.90 6.73
HUGN	CO	PPM	244	15.6	13.8	88.7	2.05	5.92	13.8 17.3	10.9	1.0393	.3790	9.81 12.2
NH15	CO	PPM	19	7.58	7.56	99.7	1.78	2.37	3.95 11.2	5.28	.7226	.3616	3.54 7.88
PH10	CO	PPM	90	14.8	10.4	70.4	1.04	.02	12.6 17.0	11.7	1.0667	.3047	10.1 13.5
PH14	CO	PPM	135	8.94	7.13	79.8	2.06	5.00	7.73 10.2	7.03	.8471	.2911	6.27 7.88
HUGB	CO	PPM	56	8.68	7.33	84.4	2.37	6.73	6.72 10.6	6.79	.8318	.2923	5.67 8.13
PHAW	CO	PPM	33	5.97	3.32	55.6	1.44	2.31	4.79 7.15	5.22	.7175	.2286	4.33 6.29
NHWS	CO	PPM	10	6.30	3.20	50.8	.31	-1.52	4.05 8.55	5.57	.7455	.2314	3.82 8.10

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	CO	PPM	463	1.000	4.000	7.000	10.000	11.000	15.000	18.000	31.000	42.000	77.000
HUGN	CO	PPM	244	1.000	6.000	11.000	21.000	24.000	33.000	42.000	64.000	72.000	94.000
NH15	CO	PPM	19	2.000	3.000	4.000	9.000	12.000	21.000	30.000	30.000	30.000	30.000
PH10	CO	PPM	90	3.000	7.000	10.000	21.000	24.000	33.000	37.000	40.000	42.000	42.000
PH14	CO	PPM	135	2.000	4.000	7.000	11.000	14.000	18.000	23.000	29.000	42.000	42.000
HUGB	CO	PPM	56	2.000	4.000	6.000	9.000	13.000	19.000	22.000	42.000	42.000	42.000
PHAW	CO	PPM	33	2.000	4.000	5.000	7.000	8.000	12.000	13.000	17.000	17.000	17.000
NHWS	CO	PPM	10	3.000	3.000	6.000	10.000	10.000	11.000	11.000	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
HUGP	AG	PPM	463	.127	.535E-01	42.0	1.99	3.95	.123 .132	.120	-.9225	.1438	.116 .123
HUGN	AG	PPM	244	.162	.963E-01	59.5	1.71	2.41	.150 .174	.142	-.8481	.2089	.134 .151
NH15	AG	PPM	19	.147	.612E-01	41.5	.85	-.27	.118 .177	.137	-.8640	.1684	.114 .165
PH10	AG	PPM	90	.179	.102	57.1	1.38	1.52	.157 .200	.156	-.8061	.2187	.141 .174
PH14	AG	PPM	135	.132	.581E-01	44.1	1.88	3.52	.122 .142	.123	-.9110	.1533	.116 .130
HUGB	AG	PPM	56	.139	.779E-01	55.9	2.69	8.32	.118 .160	.126	-.8984	.1747	.113 .141
PHAW	AG	PPM	33	.139	.864E-01	62.0	2.70	7.63	.109 .170	.125	-.9043	.1850	.107 .145
NHWS	AG	PPM	10	.150	.707E-01	47.1	.99	-.22	.100 .200	.137	-.8620	.1853	.102 .186

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	AG	PPM	463	.100	.100	.100	.100	.200	.200	.200	.300	.300	.400
HUGN	AG	PPM	244	.100	.100	.100	.200	.200	.300	.400	.500	.500	.500
NH15	AG	PPM	19	.100	.100	.100	.200	.200	.200	.300	.300	.300	.300
PH10	AG	PPM	90	.100	.100	.100	.200	.300	.300	.400	.500	.500	.500
PH14	AG	PPM	135	.100	.100	.100	.200	.200	.200	.200	.300	.400	.400
HUGB	AG	PPM	56	.100	.100	.100	.200	.200	.200	.300	.500	.500	.500
PHAW	AG	PPM	33	.100	.100	.100	.200	.200	.300	.300	.500	.500	.500
NHWS	AG	PPM	10	.100	.100	.100	.200	.200	.300	.300	.300	.300	.300

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
HUGP	MN	PPM	463	212.	340.	160.7	5.64	38.96	180. 243.	129.	2.1114	.3944	119. 140.
HUGN	MN	PPM	244	697.	.116E+04	166.0	3.70	16.47	551. 843.	315.	2.4982	.5297	270. 367.
NH15	MN	PPM	19	442.	.125E+04	283.8	3.95	13.74	-160. .104E+04	145.	2.1604	.5010	83.1 252.
PH10	MN	PPM	90	623.	986.	158.1	4.44	23.35	417. 830.	342.	2.5337	.4518	275. 425.
PH14	MN	PPM	135	355.	796.	224.2	6.85	57.09	220. 491.	166.	2.2208	.4594	139. 199.
HUGB	MN	PPM	56	368.	685.	186.0	4.56	23.43	185. 551.	185.	2.2683	.4490	141. 245.
PHAW	MN	PPM	33	330.	705.	214.0	4.24	18.42	79.7 580.	148.	2.1713	.4566	102. 215.
NHWS	MN	PPM	10	282.	274.	97.3	1.58	1.67	88.5 475.	194.	2.2877	.3930	103. 367.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	MN	PPM	463	9.000	70.000	130.000	220.000	245.000	380.000	580.000	1600.000	2000.000	3400.000
HUGN	MN	PPM	244	20.000	125.000	295.000	673.000	880.000	1900.000	2930.000	5550.000	7100.000	8500.000
NH15	MN	PPM	19	40.000	68.000	118.000	233.000	260.000	480.000	5600.000	5600.000	5600.000	5600.000
PH10	MN	PPM	90	50.000	160.000	345.000	700.000	850.000	1430.000	1800.000	5050.000	7100.000	7100.000
PH14	MN	PPM	135	37.000	78.000	130.000	295.000	380.000	850.000	1250.000	2200.000	7800.000	7800.000
HUGB	MN	PPM	56	38.000	88.000	150.000	425.000	475.000	705.000	1650.000	4530.000	4530.000	4530.000
PHAW	MN	PPM	33	30.000	80.000	105.000	260.000	275.000	850.000	1480.000	3900.000	3900.000	3900.000
NHWS	MN	PPM	10	53.000	90.000	210.000	370.000	465.000	955.000	955.000	955.000	955.000	955.000

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
HUGP	AS	PPM	463	.867	.801	92.3	16.18	312.56	.794 .940	.776	-.1099	.1819	.747 .807
HUGN	AS	PPM	244	.889	.374	42.1	1.27	4.19	.842 .937	.818	-.0872	.1784	.777 .862
NH15	AS	PPM	19	.974	.589	60.5	2.20	5.48	.691 1.26	.857	-.0673	.2158	.675 1.09
PH10	AS	PPM	90	.789	.309	39.1	.85	1.13	.724 .854	.733	-.1346	.1659	.677 .795
PH14	AS	PPM	135	1.02	.780	76.3	3.21	13.73	.890 1.15	.853	-.0688	.2436	.776 .939
HUGB	AS	PPM	56	.795	.402	50.6	1.93	5.03	.687 .902	.720	-.1425	.1855	.642 .808
PHAW	AS	PPM	33	1.52	1.38	91.3	1.79	2.02	1.02 2.01	1.13	.0541	.3147	.876 1.46
NHWS	AS	PPM	10	1.45	1.01	69.8	.82	-.46	.737 2.16	1.16	.0641	.3103	.701 1.92

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	AS	PPM	463	.500	.500	1.000	1.000	1.000	1.000	1.500	1.500	2.000	16.500
HUGN	AS	PPM	244	.500	.500	1.000	1.000	1.000	1.500	1.500	1.500	2.500	3.000
NH15	AS	PPM	19	.500	.500	1.000	1.000	1.000	1.500	3.000	3.000	3.000	3.000
PH10	AS	PPM	90	.500	.500	1.000	1.000	1.000	1.000	1.000	1.500	2.000	2.000
PH14	AS	PPM	135	.500	.500	1.000	1.000	1.500	2.000	2.000	4.500	5.500	5.500
HUGB	AS	PPM	56	.500	.500	.500	1.000	1.000	1.000	1.500	2.500	2.500	2.500
PHAW	AS	PPM	33	.500	.500	1.000	2.000	2.000	4.500	5.000	5.500	5.500	5.500
NHWS	AS	PPM	10	.500	.500	1.000	2.000	2.500	3.500	3.500	3.500	3.500	3.500

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
HUGP	MO	PPM	463	1.59	1.60	100.6	9.59	137.50	1.45 1.74	1.34	.1284	.2132	1.29 1.41
HUGN	MO	PPM	244	1.65	1.06	64.2	2.69	10.94	1.51 1.78	1.44	.1573	.2105	1.35 1.53
NH15	MO	PPM	19	1.05	.229	21.8	4.01	14.06	.942 1.16	1.04	.0158	.0691	.961 1.12
PH10	MO	PPM	90	2.18	1.47	67.6	1.68	2.82	1.87 2.49	1.82	.2595	.2525	1.61 2.05
PH14	MO	PPM	135	3.84	3.60	93.9	5.13	39.90	3.22 4.45	2.96	.4720	.3054	2.63 3.34
HUGB	MO	PPM	56	4.02	4.37	108.7	2.34	5.20	2.85 5.19	2.72	.4346	.3641	2.17 3.40
PHAW	MO	PPM	33	4.12	4.04	98.1	2.66	7.78	2.69 5.55	3.04	.4831	.3256	2.33 3.97
NHWS	MO	PPM	10	6.90	5.09	73.7	.81	-.61	3.32 10.5	5.31	.7248	.3426	3.04 9.25

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	MO	PPM	463	1.000	1.000	1.000	2.000	2.000	3.000	3.000	6.000	7.000	27.000
HUGN	MO	PPM	244	1.000	1.000	1.000	2.000	2.000	3.000	4.000	5.000	6.000	9.000
NH15	MO	PPM	19	1.000	1.000	1.000	1.000	1.000	1.000	2.000	2.000	2.000	2.000
PH10	MO	PPM	90	1.000	1.000	2.000	3.000	3.000	5.000	5.000	7.000	8.000	8.000
PH14	MO	PPM	135	1.000	2.000	3.000	5.000	6.000	7.000	9.000	11.000	35.000	35.000
HUGB	MO	PPM	56	1.000	2.000	2.000	5.000	6.000	8.000	15.000	20.000	20.000	20.000
PHAW	MO	PPM	33	1.000	2.000	3.000	5.000	5.000	10.000	13.000	21.000	21.000	21.000
NHWS	MO	PPM	10	2.000	2.000	6.000	8.000	15.000	16.000	16.000	16.000	16.000	16.000

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
HUGP	FE	PCT	463	2.16	1.87	86.8	2.02	5.44	1.99 2.33	1.55	.1907	.3641	1.44 1.67
HUGN	FE	PCT	244	3.46	2.90	83.8	1.50	2.20	3.10 3.83	2.46	.3906	.3759	2.20 2.74
NH15	FE	PCT	19	2.61	2.85	109.4	1.71	1.92	1.24 3.97	1.63	.2123	.4213	1.02 2.60
PH10	FE	PCT	90	3.31	2.33	70.2	.97	.26	2.83 3.80	2.54	.4056	.3340	2.17 2.99
PH14	FE	PCT	135	2.69	3.01	111.9	2.78	10.81	2.17 3.20	1.71	.2321	.4104	1.45 2.00
HUGB	FE	PCT	56	2.41	2.43	100.9	2.48	7.57	1.76 3.06	1.67	.2233	.3645	1.34 2.09
PHAW	FE	PCT	33	2.01	2.33	116.1	3.04	10.55	1.18 2.84	1.36	.1349	.3588	1.02 1.83
NHWS	FE	PCT	10	1.66	1.11	66.9	.37	-.84	.878 2.44	1.29	.1089	.3488	.730 2.26

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	FE	PCT	463	.100	.900	1.650	2.750	3.150	4.800	6.000	7.700	9.500	13.000
HUGN	FE	PCT	244	.200	1.400	2.600	4.600	5.350	7.700	9.600	12.600	14.600	14.800
NH15	FE	PCT	19	.500	.700	1.400	3.150	4.300	9.000	10.400	10.400	10.400	10.400
PH10	FE	PCT	90	.350	1.500	2.600	4.600	5.650	6.900	7.700	9.900	10.000	10.000
PH14	FE	PCT	135	.150	.800	1.500	3.250	4.100	6.600	8.200	13.200	21.000	21.000
HUGB	FE	PCT	56	.400	.900	1.700	3.000	3.800	5.400	8.000	13.800	13.800	13.800
PHAW	FE	PCT	33	.400	.750	1.000	2.300	2.900	5.200	5.300	12.500	12.500	12.500
NHWS	FE	PCT	10	.450	.550	2.000	2.350	2.400	3.750	3.750	3.750	3.750	3.750

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
HUGP	HG	PPB	463	106.	51.8	49.0	.99	1.59	101. 111.	93.4	1.9704	.2267	89.1 98.0
HUGN	HG	PPB	244	163.	71.4	43.8	.69	.33	154. 172.	147.	2.1670	.2076	138. 156.
NH15	HG	PPB	19	129.	42.4	32.9	.52	-1.11	109. 149.	123.	2.0888	.1400	105. 143.
PH10	HG	PPB	90	121.	52.0	42.9	.30	-.46	110. 132.	109.	2.0364	.2176	97.9 121.
PH14	HG	PPB	135	86.9	36.6	42.1	1.76	6.44	80.7 93.1	80.1	1.9035	.1800	74.6 85.9
HUGB	HG	PPB	56	91.1	41.4	45.5	1.31	4.48	80.0 102.	81.8	1.9129	.2147	71.7 93.4
PHAW	HG	PPB	33	104.	63.5	61.3	1.19	1.04	81.1 126.	87.1	1.9402	.2641	70.2 108.
NHWS	HG	PPB	10	72.0	18.7	26.0	-1.26	.58	58.8 85.2	69.0	1.8387	.1467	54.4 87.5

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	HG	PPB	463	20.000	70.000	100.000	130.000	150.000	170.000	200.000	240.000	280.000	320.000
HUGN	HG	PPB	244	20.000	110.000	160.000	210.000	220.000	260.000	310.000	340.000	360.000	420.000
NH15	HG	PPB	19	80.000	100.000	120.000	160.000	190.000	200.000	200.000	200.000	200.000	200.000
PH10	HG	PPB	90	30.000	90.000	120.000	150.000	170.000	200.000	200.000	230.000	260.000	260.000
PH14	HG	PPB	135	20.000	60.000	80.000	100.000	110.000	120.000	140.000	190.000	280.000	280.000
HUGB	HG	PPB	56	20.000	70.000	90.000	120.000	120.000	140.000	150.000	270.000	270.000	270.000
PHAW	HG	PPB	33	20.000	60.000	80.000	160.000	170.000	200.000	210.000	300.000	300.000	300.000
NHWS	HG	PPB	10	30.000	70.000	80.000	80.000	90.000	90.000	90.000	90.000	90.000	90.000

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
HUGP	LOI	PCT	463	27.5	13.8	50.1	.48	1.05	26.2 28.7	23.0	1.3623	.2973	21.6 24.5
HUGN	LOI	PCT	244	28.4	11.6	40.8	-.23	-.27	26.9 29.8	25.0	1.3972	.2555	23.2 26.9
NH15	LOI	PCT	19	28.1	12.7	45.3	.35	.28	22.0 34.2	24.8	1.3944	.2457	18.9 32.5
PH10	LOI	PCT	90	27.6	12.1	43.9	-.10	.10	25.0 30.1	23.6	1.3734	.2866	20.6 27.1
PH14	LOI	PCT	135	33.0	12.9	39.0	.05	1.23	30.8 35.2	29.6	1.4709	.2332	27.0 32.4
HUGB	LOI	PCT	56	28.4	12.5	44.2	.08	-.45	25.0 31.7	24.9	1.3956	.2515	21.3 29.0
PHAW	LOI	PCT	33	29.5	9.79	33.1	-.97	.97	26.1 33.0	26.5	1.4237	.2580	21.5 32.7
NHWS	LOI	PCT	10	29.8	10.3	34.4	-.88	-.12	22.6 37.0	27.5	1.4387	.2087	19.6 38.5

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	LOI	PCT	463	1.000	17.800	28.200	35.600	37.600	43.800	48.800	57.600	67.800	89.400
HUGN	LOI	PCT	244	2.200	20.400	29.400	35.800	37.400	42.800	47.800	51.200	55.400	57.200
NH15	LOI	PCT	19	5.600	23.600	28.200	35.600	36.600	47.600	58.400	58.400	58.400	58.400
PH10	LOI	PCT	90	2.000	20.800	28.400	36.400	37.400	40.400	43.000	54.800	64.000	64.000
PH14	LOI	PCT	135	2.000	25.200	34.400	42.200	43.400	47.200	50.200	52.200	86.600	86.600
HUGB	LOI	PCT	56	3.600	17.800	31.000	37.200	38.200	46.200	49.200	57.600	57.600	57.600
PHAW	LOI	PCT	33	2.000	25.200	31.000	36.200	36.600	41.200	44.200	45.800	45.800	45.800
NHWS	LOI	PCT	10	8.400	26.800	31.800	38.800	39.200	40.600	40.600	40.600	40.600	40.600

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
HUGP	U	PPM	463	2.77	5.32	192.3	10.79	137.29	2.28 3.25	1.99	.2992	.2846	1.88 2.11
HUGN	U	PPM	244	3.66	6.28	171.7	5.79	39.46	2.86 4.45	2.41	.3826	.3144	2.20 2.64
NH15	U	PPM	19	7.41	8.30	112.1	1.84	1.98	3.42 11.4	4.86	.6867	.3818	3.19 7.41
PH10	U	PPM	90	2.31	1.46	63.3	6.15	46.98	2.00 2.62	2.11	.3243	.1668	1.95 2.29
PH14	U	PPM	135	5.12	4.20	82.0	3.58	16.69	4.41 5.84	4.22	.6254	.2513	3.83 4.66
HUGB	U	PPM	56	3.39	2.06	61.0	2.84	12.99	2.83 3.94	2.94	.4688	.2291	2.56 3.39
PHAW	U	PPM	33	5.69	4.48	78.6	2.45	5.65	4.11 7.28	4.73	.6747	.2447	3.87 5.77
NHWS	U	PPM	10	4.60	1.36	29.5	-.21	-.73	3.64 5.56	4.40	.6430	.1441	3.48 5.55

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	U	PPM	463	.400	1.400	1.900	2.700	3.100	4.100	5.600	10.100	20.000	82.600
HUGN	U	PPM	244	.500	1.500	2.100	3.000	3.500	5.800	12.400	28.800	51.000	58.600
NH15	U	PPM	19	1.500	3.100	4.600	6.900	7.900	26.000	29.900	29.900	29.900	29.900
PH10	U	PPM	90	.900	1.800	2.100	2.600	2.700	3.100	3.500	5.300	14.200	14.200
PH14	U	PPM	135	1.100	2.900	4.100	5.600	6.000	9.300	12.100	18.800	31.300	31.300
HUGB	U	PPM	56	1.000	2.000	3.100	4.200	4.500	5.400	5.800	14.500	14.500	14.500
PHAW	U	PPM	33	1.600	3.500	4.000	6.300	6.700	12.400	18.400	22.400	22.400	22.400
NHWS	U	PPM	10	2.200	3.900	4.800	5.300	6.400	6.500	6.500	6.500	6.500	6.500

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
HUGP	F	PPM	463	191.	101.	53.0	.97	1.21	182.	200.	165.	2.2186	.2414	157.	174.
HUGN	F	PPM	244	200.	88.9	44.5	.67	.06	189.	211.	180.	2.2557	.2037	170.	191.
NH15	F	PPM	19	154.	60.7	39.3	.79	-.24	125.	183.	144.	2.1572	.1692	119.	173.
PH10	F	PPM	90	190.	69.6	36.7	.68	.74	175.	204.	177.	2.2486	.1646	164.	192.
PH14	F	PPM	135	192.	86.4	45.1	.56	-.12	177.	206.	172.	2.2348	.2110	158.	187.
HUGB	F	PPM	56	225.	138.	61.4	3.15	15.60	188.	262.	196.	2.2933	.2244	171.	226.
PHAW	F	PPM	33	173.	93.4	54.0	.69	-.37	140.	206.	149.	2.1737	.2471	122.	182.
NHWS	F	PPM	10	244.	116.	47.5	.18	-1.57	162.	326.	218.	2.3389	.2212	152.	312.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	F	PPM	463	50.000	110.000	180.000	250.000	270.000	330.000	380.000	460.000	560.000	600.000
HUGN	F	PPM	244	50.000	130.000	190.000	250.000	270.000	320.000	370.000	420.000	460.000	480.000
NH15	F	PPM	19	60.000	120.000	130.000	180.000	210.000	270.000	280.000	280.000	280.000	280.000
PH10	F	PPM	90	60.000	130.000	190.000	230.000	250.000	270.000	300.000	360.000	440.000	440.000
PH14	F	PPM	135	50.000	130.000	180.000	250.000	260.000	310.000	350.000	380.000	480.000	480.000
HUGB	F	PPM	56	70.000	130.000	210.000	280.000	310.000	350.000	390.000	1000.000	1000.000	1000.000
PHAW	F	PPM	33	40.000	90.000	160.000	240.000	250.000	330.000	330.000	410.000	410.000	410.000
NHWS	F	PPM	10	110.000	130.000	270.000	360.000	380.000	410.000	410.000	410.000	410.000	410.000

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
HUGP	V	PPM	463	39.5	23.6	59.7	1.27	1.73	37.3 41.6	33.2	1.5207	.2670	31.4 35.1
HUGN	V	PPM	244	53.3	29.5	55.3	3.42	26.12	49.6 57.1	47.1	1.6733	.2201	44.2 50.2
NH15	V	PPM	19	42.9	20.9	48.7	1.08	.94	32.9 52.9	38.6	1.5864	.2060	30.7 48.4
PH10	V	PPM	90	47.1	18.0	38.3	.49	.30	43.3 50.8	43.4	1.6378	.1831	39.8 47.4
PH14	V	PPM	135	30.3	17.2	56.8	1.67	4.26	27.4 33.3	26.2	1.4189	.2380	23.9 28.8
HUGB	V	PPM	56	34.6	18.4	53.1	.93	1.03	29.7 39.6	30.1	1.4780	.2397	25.9 34.8
PHAW	V	PPM	33	25.0	12.2	49.0	.67	-.57	20.7 29.3	22.2	1.3467	.2173	18.6 26.5
NHWS	V	PPM	10	31.0	19.6	63.1	.99	.58	17.2 44.8	25.8	1.4113	.2865	16.2 41.0

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	V	PPM	463	2.000	20.000	35.000	50.000	55.000	70.000	90.000	110.000	115.000	140.000
HUGN	V	PPM	244	5.000	35.000	50.000	65.000	70.000	90.000	100.000	120.000	135.000	320.000
NH15	V	PPM	19	15.000	30.000	35.000	60.000	60.000	70.000	100.000	100.000	100.000	100.000
PH10	V	PPM	90	10.000	30.000	50.000	60.000	60.000	70.000	80.000	100.000	100.000	100.000
PH14	V	PPM	135	5.000	20.000	25.000	40.000	40.000	50.000	65.000	90.000	110.000	110.000
HUGB	V	PPM	56	10.000	20.000	30.000	50.000	50.000	60.000	60.000	100.000	100.000	100.000
PHAW	V	PPM	33	10.000	15.000	20.000	35.000	40.000	50.000	50.000	50.000	50.000	50.000
NHWS	V	PPM	10	10.000	15.000	30.000	40.000	40.000	75.000	75.000	75.000	75.000	75.000

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
HUGP	CD	PPM	463	.129	.531E-01	41.3	1.79	2.78	.124 .133	.121	-.9189	.1449	.117 .124
HUGN	CD	PPM	244	.155	.842E-01	54.2	1.61	2.35	.145 .166	.139	-.8580	.1953	.131 .147
NH15	CD	PPM	19	.132	.582E-01	44.3	1.62	1.62	.104 .160	.123	-.9115	.1566	.103 .146
PH10	CD	PPM	90	.146	.673E-01	46.2	1.16	.08	.131 .160	.133	-.8754	.1753	.122 .145
PH14	CD	PPM	135	.159	.900E-01	56.5	2.00	4.98	.144 .175	.142	-.8489	.1984	.131 .153
HUGB	CD	PPM	56	.223	.529	237.1	6.68	45.06	.816E-01 .365	.137	-.8621	.2986	.114 .165
PHAW	CD	PPM	33	.188	.165	88.0	2.81	8.73	.129 .246	.151	-.8206	.2593	.122 .187
NHWS	CD	PPM	10	.170	.675E-01	39.7	.37	-.71	.122 .218	.158	-.8018	.1788	.118 .211

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	CD	PPM	463	.100	.100	.100	.100	.200	.200	.200	.300	.300	.400
HUGN	CD	PPM	244	.100	.100	.100	.200	.200	.300	.300	.400	.500	.500
NH15	CD	PPM	19	.100	.100	.100	.200	.200	.200	.300	.300	.300	.300
PH10	CD	PPM	90	.100	.100	.100	.200	.200	.300	.300	.300	.300	.300
PH14	CD	PPM	135	.100	.100	.100	.200	.200	.300	.300	.400	.600	.600
HUGB	CD	PPM	56	.100	.100	.100	.200	.200	.400	.600	4.000	4.000	4.000
PHAW	CD	PPM	33	.100	.100	.100	.200	.200	.400	.500	.900	.900	.900
NHWS	CD	PPM	10	.100	.100	.200	.200	.200	.300	.300	.300	.300	.300

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
HUGP	F-W	PPB	463	26.1	11.2	43.0	1.45	6.76	25.1 27.1	23.8	1.3766	.1940	22.8 24.8
HUGN	F-W	PPB	244	17.9	10.7	59.6	2.24	8.19	16.6 19.3	15.6	1.1943	.2174	14.7 16.7
NH15	F-W	PPB	19	20.5	7.11	34.7	-.45	-.94	17.1 23.9	19.1	1.2810	.1799	15.7 23.3
PH10	F-W	PPB	90	15.6	7.74	49.7	1.28	1.73	13.9 17.2	14.0	1.1468	.1915	12.8 15.4
PH14	F-W	PPB	135	55.3	21.1	38.2	1.22	1.67	51.7 58.9	51.8	1.7146	.1542	48.8 55.1
HUGB	F-W	PPB	56	63.4	106.	167.4	5.32	31.55	35.0 91.9	38.6	1.5864	.3884	30.4 49.0
PHAW	F-W	PPB	33	86.5	69.0	79.8	4.24	19.23	62.0 111.	75.1	1.8754	.2033	63.6 88.6
NHWS	F-W	PPB	10	115.	21.2	18.4	.80	.08	100. 130.	113.	2.0544	.0768	100. 128.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	F-W	PPB	463	10.000	20.000	24.000	30.000	32.000	40.000	48.000	54.000	58.000	110.000
HUGN	F-W	PPB	244	10.000	10.000	10.000	24.000	26.000	28.000	36.000	46.000	74.000	80.000
NH15	F-W	PPB	19	10.000	20.000	22.000	26.000	26.000	30.000	32.000	32.000	32.000	32.000
PH10	F-W	PPB	90	10.000	10.000	10.000	22.000	24.000	26.000	28.000	32.000	48.000	48.000
PH14	F-W	PPB	135	26.000	40.000	50.000	66.000	72.000	82.000	96.000	110.000	140.000	140.000
HUGB	F-W	PPB	56	10.000	24.000	36.000	64.000	72.000	86.000	220.000	760.000	760.000	760.000
PHAW	F-W	PPB	33	36.000	62.000	70.000	90.000	110.000	140.000	140.000	440.000	440.000	440.000
NHWS	F-W	PPB	10	88.000	96.000	110.000	130.000	130.000	160.000	160.000	160.000	160.000	160.000

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
HUGP	U-W	PPB	463	.253E-01	.345E-01	136.4	4.52	25.86	.221E-01 .284E-01	.169E-01	-1.7715	.3348	.158E-01 .182E-01
HUGN	U-W	PPB	244	.277E-01	.533E-01	192.3	6.42	48.47	.210E-01 .344E-01	.169E-01	-1.7732	.3451	.153E-01 .186E-01
NH15	U-W	PPB	19	.405E-01	.471E-01	116.2	1.50	.83	.179E-01 .631E-01	.238E-01	-1.6235	.4385	.147E-01 .386E-01
PH10	U-W	PPB	90	.148E-01	.127E-01	85.6	3.53	14.04	.121E-01 .174E-01	.124E-01	-1.9052	.2155	.112E-01 .138E-01
PH14	U-W	PPB	135	.213E-01	.197E-01	92.6	3.16	13.39	.179E-01 .246E-01	.164E-01	-1.7856	.2889	.146E-01 .183E-01
HUGB	U-W	PPB	56	.189E-01	.164E-01	86.5	2.66	9.23	.145E-01 .233E-01	.150E-01	-1.8239	.2713	.127E-01 .177E-01
PHAW	U-W	PPB	33	.212E-01	.165E-01	78.0	1.61	2.81	.154E-01 .271E-01	.167E-01	-1.7773	.2910	.132E-01 .212E-01
NHWS	U-W	PPB	10	.200E-01	.133E-01	66.7	.59	-1.44	.106E-01 .294E-01	.164E-01	-1.7842	.2817	.104E-01 .260E-01

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----								MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH	
HUGP	U-W	PPB	463	.010	.010	.010	.030	.030	.050	.080	.120	.220	.290
HUGN	U-W	PPB	244	.010	.010	.010	.030	.030	.050	.100	.130	.380	.540
NH15	U-W	PPB	19	.010	.010	.020	.050	.080	.150	.150	.150	.150	.150
PH10	U-W	PPB	90	.010	.010	.010	.010	.010	.030	.030	.080	.080	.080
PH14	U-W	PPB	135	.010	.010	.010	.030	.030	.040	.050	.100	.130	.130
HUGB	U-W	PPB	56	.010	.010	.010	.030	.030	.040	.040	.100	.100	.100
PHAW	U-W	PPB	33	.010	.010	.010	.030	.030	.040	.050	.080	.080	.080
NHWS	U-W	PPB	10	.010	.010	.010	.030	.040	.040	.040	.040	.040	.040

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	821009	HUGP	9			*				+							**				
13E	821019	HUGN	22	+			***	**	*	***	**		*	+					*		
13E	821031	HUGN	6						*					+	**						
13E	821032	HUGN	5			*								*	+						
13E	821033	HUGN	12						*					+	*		**	**			+
13E	821035	HUGP	6	+			*			+			*								
13E	821039	NH15	4								***										
13E	821040	NH15	5			***					+										
13E	821046	HUGP	5													+		+			**
13E	821050	HUGP	6			*											*				*
13E	821052	HUGP	10			***										*	***				
13E	821053	HUGP	5			**									*						
13E	821054	HUGN	6						+					+	*				*		
13E	821055	HUGN	4							+		+							*		
13E	821056	HUGN	8			*			*		**						+				
13E	821058	HUGN	6					*	+	+		+	+								
13E	821060	HUGN	18		**		+	+	*	*	**		**	**							
13E	821062	HUGN	5						+			+	+	+		+					
13E	821063	HUGN	6				+			**							*				
13E	821065	HUGP	10			***										*	***				
13E	821067	HUGP	8		+		*							+	+	+					*
13E	821069	HUGN	15	**	+		*			+		+	*	+		+			***		
13E	821070	HUGN	15	+	*		*		+		**	+	+			+			**		
13E	821071	HUGN	7		+					*							*		*		
13E	821073	HUGN	5	*								+							*		
13E	821075	HUGN	8			*			*					*	*						
13E	821076	HUGN	9	+			*	+		**									*		
13E	821077	HUGN	20				*	***	+	***	**		**	**							
13E	821078	HUGN	5				*			+			+								+
13E	821079	HUGN	5			***											+				
13E	821086	HUGP	5		*									*	+						
13E	821088	HUGP	5			**		+		+											
13E	821094	HUGP	7																***		+
13E	821095	HUGP	8												***				***		
13E	821103	HUGN	12		*				***					+	**				*		
13E	821108	HUGN	7						+		**	+							*		
13E	821110	HUGN	8					+		+			+	+					**		+
13E	821113	HUGN	11		**		*							+	*				**		
13E	821114	HUGN	4			+					**								**		
13E	821119	HUGN	10				+				**	+				+			***		
13E	821125	HUGN	12	*			*	*		+			+					+	**		
13E	821132	HUGN	6				**	+	+			+									
13E	821133	HUGN	5					+			**	+									
13E	821134	HUGN	5						*					*	+						
13E	821135	HUGN	14			***	***		+					**					*		
13E	821152	HUGN	8		+				***					*	+						
13E	821155	HUGN	4								**									+	
13E	821156	HUGN	5						+		**									+	
13E	821157	HUGN	14		+		*	*	***	+			+	**			*				
13E	821160	HUGN	16	*	+			**	+	**			***				*				

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	821165	HUGN	8			*	+				**							+		+	
13E	821167	HUGN	9				+	*		*			*	+				+			
13E	821168	HUGP	15	***		***										*		+	***		
13E	821170	HUGP	12	***		***								+	+	+		+			
13E	821173	HUGP	4		*											*					
13E	821174	HUGP	7													**					***
13E	821175	HUGN	4												+	+			+	+	
13E	821176	HUGP	18	***				*		*			+			***		+			***
13E	821177	HUGP	11	+	*											***					***
13E	821178	HUGP	4													*					*
13E	821179	HUGP	18	***	***									+	+	***					***
13E	821189	HUGP	7		**											*					*
13E	821190	HUGP	4	*	+											+					
13E	821191	HUGP	12	+			+								*	**			***		+
13E	821192	HUGP	4	+												+					*
13E	821195	HUGP	6	+							*	+						*			
13E	821197	HUGP	6	+			+												***		
13E	821199	HUGP	7	*									*					**			
13E	821207	HUGP	8	+			**								*						*
13E	821208	HUGP	4													***					
13E	821211	HUGP	17				***	**		*	***		**				+				
13E	821214	HUGP	4			*				*											
13E	821216	HUGP	13				*	*	***	+		*	+	+				*			
13E	821217	HUGN	5						+						***						
13E	821219	HUGN	5					*											*		+
13E	821222	HUGN	11				+	***				***						*			
13E	821223	HUGN	27	***	*		***	*	*	**	***	***	***					*			+
13E	821224	HUGN	18	*			+	**	+	+	**	**	*						*		
13E	821237	HUGP	4		+		+					*									
13E	821238	HUGP	11	*			*			+	**	*						+			
13E	821240	HUGP	6					***							*						
13E	821245	HUGP	10							**	**					+			+		*
13E	821246	HUGP	6							***		*									
13E	821265	HUGP	4			*					*										
13E	821283	PH10	5				+									*		*			
13E	821284	HUGN	18	***	*			*	***		*	+			+			*			
13E	821291	HUGP	5														***				+
13E	821292	HUGP	11				+	*		*		***						*			
13E	821293	HUGN	5								**								*		
13E	821296	HUGN	5							**									*		
13E	821297	PH10	19		***		+		***					*	**	+			***		
13E	821299	PH10	6					*			**							+			
13E	821300	PH10	4																***		
13E	821303	HUGN	9					+		**	**							*			
13E	821304	PH10	8				+		*	**	*										
13E	821307	HUGP	22				***	***	**	**	***	**						+			
13E	821308	HUGP	7							**										*	*
13E	821319	PH14	11				+		*	*	+	***						+			
13E	821320	PH14	21		**		**	+	**	*	+	*			+	+	+	*	*		
13E	821322	PH14	6							*							***				

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	821323	PH14	13		*			*			*		**					**			+
13E	821325	PH14	13		***		+						**	+				***			
13E	821326	PH14	8													**		**			*
13E	821329	PH14	7		*		***							+							
13E	821330	PH14	4		+		+							*							
13E	821331	HUGP	6														*		***		
13E	821332	HUGP	4													+	+		*		
13E	821333	PH10	4							+				*	+				*		
13E	821335	PH10	4		+		**														
13E	821337	PH10	4				*	*													
13E	821338	PH10	6			*				+	**										
13E	821342	PH10	8							*							*				***
13E	821343	PH10	7											*				+			***
13E	821344	HUGB	11		*	+	***	*										*			
13E	821346	HUGB	6					*						+				*	+		
13E	821347	HUGB	24	+	+		***		***	***	***	***	***					*			
13E	821352	HUGB	4				+						+					*			
13E	821354	HUGB	15		*			***						***	+			***			
13E	821355	HUGB	4				+		*			+									
13E	821358	HUGB	11		***			*						*		+		*			
13E	821364	PH10	12		**	*		***						*	+						
13E	821367	PH10	6									***				*					
13E	821368	PH10	6																***		*
13E	821372	PH10	7					*							***			+			
13E	821373	PH10	22		*		+	*	**	***	*					***	***				
13E	821374	PH10	4					*			*										
13E	821375	PH10	7	*			+											***			
13E	821376	PH10	10			***								*				***			
13E	821379	PH10	4																*		*
13E	821380	HUGP	5			*				**											
13E	821385	HUGP	5						+	**			+								
13E	821393	PH14	6										*	+	*			+			
13E	821394	PH14	12	*	***			+		+			+				+	*			
13E	821396	PH14	7				**	+				+					*				
13E	821399	PH14	10	**	+							+	*				+	*			
13E	821400	PH14	4	+					+				+					+			
13E	821402	PH14	5					*	+	*											
13E	821403	PH14	10	*	+			+	+	*		+					+	+			
13E	821404	PH14	5				+								+						**
13E	821410	HUGP	4																*		*
13E	821418	PH14	12							***	**				***				+		
13E	821420	PH14	8						**	*	+				+			+			
13E	821426	PH14	7													+			***		*
13E	821434	PH14	11								**				*	+		**	*		
13E	821436	PH14	4			**	+														
13E	821438	PH14	10			*	*									*					***
13E	823006	HUGP	5	+	+		*								+						
13E	823012	HUGP	4												***						
13E	823015	HUGP	4										*		*						
13E	823016	HUGP	15		***				***					*		+		***			

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LD	U	F	V	C	F	U
13E	823024	HUGP	6							**											**
13E	823025	HUGP	4					*		*											
13E	823026	HUGP	5											*		+				*	
13E	823028	HUGP	4			**														+	
13E	823029	HUGP	4			***															
13E	823030	HUGP	6	*						**							+				
13E	823031	HUGN	4							**										+	
13E	823036	HUGN	6	+				*		+		+	+								
13E	823042	HUGP	4	+				+									*				
13E	823049	HUGP	4																***		
13E	823051	HUGP	5						***						+						
13E	823052	HUGP	11	+				+		+	**	*	*	+							
13E	823053	HUGP	4						***												
13E	823056	HUGP	11	*	**		+			+				***							
13E	823058	HUGP	4		+									**							
13E	823062	HUGP	4						***												
13E	823068	HUGP	13			***		+		***	**		+								
13E	823072	HUGN	10	+				+	+	*			+	+				+	*		
13E	823073	HUGP	11	+					***							+		+	***		
13E	823082	HUGP	15	+				*	***	+		*	*	+				*			
13E	823087	HUGP	13					+	***	*			+	**				*			
13E	823088	HUGP	8	*	+		+			**				+							
13E	823092	HUGP	5							***							+				
13E	823093	HUGP	4				+							**							
13E	823094	HUGP	13	*	+				***					***	*						
13E	823096	HUGP	4						***												
13E	823097	HUGP	11	+	*			*		+			+	**				+			
13E	823098	HUGP	6		+	*		+						*							
13E	823100	HUGP	8	+				+		**		**									
13E	823104	HUGP	4					+		**											
13E	823106	HUGN	4			***															
13E	823107	HUGP	7			*										*				**	
13E	823110	HUGP	5										+							***	
13E	823119	HUGN	8	*	+		+							***							
13E	823123	HUGN	15	*	*		**	*					+	*				**			
13E	823134	HUGP	11				+	**		***			*				+				
13E	823136	HUGP	7					*		***			+								
13E	823137	NH15	15	+			+	***		***			***				+				
13E	823138	HUGN	7	**									*					*			
13E	823140	HUGN	6	+						+			*					*			
13E	823142	HUGP	4			*									+					+	
13E	823146	HUGN	10			*				***							***				
13E	823147	HUGN	4							**							+				
13E	823151	HUGP	8				**							+	***						
13E	823152	HUGP	5		+		+									*	+				
13E	823158	HUGP	5						***					+							
13E	823160	HUGP	5										+		*	*					
13E	823165	HUGP	5						***					+							
13E	823167	HUGP	17	*	**			*		+		*	+	***				*			
13E	823171	HUGN	6				+									*	*				+

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
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 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	823172	HUGN	5													*					**
13E	823174	NH15	13	***									+	***				***			
13E	823176	NH15	12		***				***												***
13E	823177	NH15	5														***	+			
13E	823178	NH15	5												***				+		
13E	823182	HUGN	5					+					+	+				*			
13E	823186	HUGN	4							**										+	
13E	823187	NH15	17		+							***		***		***			***		
13E	823189	NH15	5													+					***
13E	823190	HUGN	4													*					*
13E	823195	HUGN	5													*					**
13E	823196	HUGN	8													**				*	**
13E	823197	HUGN	14										*			**	*		**	**	***
13E	823199	HUGN	6													+			*		**
13E	823200	HUGN	4							**							+				
13E	823206	HUGN	16		***					**						***	+		*	*	
13E	823207	HUGN	7		+											**	*			+	
13E	823210	HUGN	4											+	*					+	
13E	823211	HUGN	10								*			***		+			*	+	
13E	823212	HUGN	5		*								+			+				+	
13E	823216	HUGN	4												+	+				*	
13E	823217	HUGN	4																	***	
13E	823219	HUGN	12			*										*		***	**	+	
13E	823222	HUGN	10									**					**		+	**	
13E	823223	HUGP	14		***											***			***	*	
13E	823224	HUGP	4			*											+				+
13E	823226	HUGP	4												***						
13E	823228	HUGP	4												***						
13E	823236	HUGP	11		*		***						*	**							
13E	823238	HUGP	4			*											*				
13E	823239	HUGP	10				**								**				***		
13E	823242	HUGP	9		***		+						***				*				
13E	823244	HUGP	14					***		+	***		*	+							
13E	823249	HUGP	7		+			+					+						***		
13E	823253	HUGN	6												*					***	
13E	823254	HUGN	4																**	+	
13E	823257	HUGP	6	+						+		*						*			
13E	823258	HUGP	9			*					**					+	+				*
13E	823264	HUGP	4	+	+			+													+
13E	823265	HUGP	17		**				***				**		+			*	***		
13E	823270	HUGP	10		***								*							***	
13E	823271	HUGP	10	+			*	*		+							*	*			
13E	823272	HUGP	7														*	+		***	
13E	823273	HUGP	11							**							***			***	
13E	823274	HUGP	7							**	*					*				***	
13E	823280	HUGP	19		*			*		+	**			***				**	***		
13E	823287	HUGP	4															***			
13E	823290	HUGP	5									*		+				*			
13E	823291	HUGP	4															***			
13E	823293	HUGN	6			+									***				+		

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

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	823294	HUGN	5		+				+							+		*			
13E	823296	HUGN	15	+	**					**						+	**	*	*		
13E	823298	HUGP	5										+					***			
13E	823299	HUGP	13	*				*					***					***			+
13E	823305	HUGP	6							**			+		*						
13E	823315	HUGP	4					*						*							
13E	823317	HUGP	19	*	*			**		***			**	+				***			
13E	823319	HUGP	24	***	*			***		***		**	***	*				+			
13E	823329	HUGP	4																***		
13E	823330	HUGP	5		+					**				+							
13E	823333	HUGP	15	*	**		***	+					*	*	+						
13E	823335	HUGP	12		*	*				**				*	**						
13E	823336	HUGP	4		*										*						
13E	823343	HUGP	23	*	*			***		***		*	***			+		***			
13E	823347	HUGN	4			+			+						+					+	
13E	823348	HUGN	13	+	***				*	**	*					+					
13E	823352	HUGP	5		+											+			**		
13E	823353	HUGP	7					*	**								*				
13E	823358	HUGP	4								*	*									
13E	823364	HUGP	8			*				**							**				
13E	823367	HUGP	15	**				***	*		*	+					*	+			
13E	823370	HUGP	6							**							**				
13E	823374	HUGP	4		*	*															
13E	823383	HUGN	5			***					+										
13E	823384	HUGN	12	+				+		***	***	*									
13E	823391	HUGN	4														***				
13E	823393	HUGP	9				*		*								+	***			
13E	823395	NH15	8			***													***		
13E	823410	HUGN	7	*												*	*				+
13E	823416	HUGP	6		+			+					+			+	+	+			
13E	823422	HUGP	10		+									+		**			*	**	
13E	823424	HUGN	11													***	*		+	***	
13E	823426	HUGN	12	**							+	+	+					***	*		
13E	823432	HUGN	6		*	+											**				
13E	823437	HUGP	4		+											**					
13E	823440	HUGP	9			*									**			***			
13E	823442	HUGP	5	+							*						*				
13E	823446	HUGP	9		*					***					+	+			+		
13E	823447	HUGP	11		*						*				+	*			***		
13E	823448	HUGP	5												+	+			**		
13E	823449	HUGP	12		*					**	*				*	*	**				
13E	823450	HUGP	4								*						+		+		
13E	823451	HUGP	10								***						*		***		
13E	823453	HUGP	4								*								*		
13E	823454	HUGP	9	**							***	*									
13E	823457	HUGP	6															***	*		
13E	823458	HUGP	5			*					*								+		
13E	823459	HUGP	16							***	***	*						***	*		
13E	823460	HUGP	18	*			**		+	***	***	*							*		
13E	823463	HUGP	4			*					*										

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	823464	HUGP	4								*									*	
13E	823466	HUGP	15	**				*	**		**	***									
13E	823470	HUGN	4			+					+								*		
13E	823472	HUGN	6	+				*	*		+										
13E	823474	PH10	18	***	*			+				*	**	*			***				
13E	823477	HUGN	4							**						+					
13E	823478	HUGN	4			***															
13E	823480	HUGP	6		**		+				*										
13E	823484	HUGP	6				*	+	*							+					
13E	823488	HUGP	4			***															
13E	823493	HUGP	9				+	*	*			**						+			
13E	823506	HUGP	4	+								*						+			
13E	823508	HUGP	7				*									***					+
13E	823511	HUGP	7	**								*						*			
13E	823515	HUGP	4						***												
13E	823516	HUGP	11	+				*	*		*	*						*			
13E	823528	PH14	5						**								*				
13E	823536	PH14	11	*				**	*		*	*									
13E	823545	PH14	4	+	*													+			
13E	823546	HUGP	4					+	+		*										
13E	823555	PH10	14	*	+		+	+	+			**			+		***				
13E	823562	PH10	10	**			***	+			*										
13E	823563	PH10	11					**			***								*		*
13E	823564	PH10	9				*	*	***			+									
13E	823580	PH10	13	*			*	***	+									***			
13E	823586	PH10	4		+			+			*										
13E	823587	PH10	4															***			
13E	823588	PH10	4								*				+			+			
13E	823590	PH10	4															***			
13E	823596	PH10	15					***	*		+	***	*					*			
13E	823597	PH10	7	+														*	***		
13E	823607	HUGP	4															***			
13E	823609	PH14	15	+			*	***	+	*		*						+	*		
13E	823613	PH14	8			+				**						+	**				
13E	823614	PH14	5			*	+										*				
13E	823622	PH14	6	+	+						+							+	*		
13E	823624	PH14	4			+								**							
13E	823626	PH14	14	*				*	+		***	+				**	+				
13E	823635	HUGP	8			**					*								*	**	
13E	823639	HUGP	4	*							*										
13E	823640	HUGP	5	+		*					*										
13E	823643	PH10	12	+		***			*	**	*										
13E	823648	PH10	4															***			
13E	823654	PH10	11	+							*			*	*				*	*	
13E	823658	HUGB	4																	***	
13E	823659	HUGB	6	+					+		+							*	+		
13E	823666	PH10	11												**	**		**	*		
13E	823668	HUGB	7		+		*							*	*						
13E	823670	HUGB	4											***							
13E	823671	HUGB	17	*		*		*	*	*	+	*						*	*		

TABLE OF SAMPLES WITH VALUES IN EXCESS OF THE 90TH PERCENTILE
 BASED ON THE ROCK TYPE DATA SUBSET WITH MINIMUM SAMPLE SIZE OF 2
 DISPLAY IS- BLANK 90TH + 95TH * 98TH ** 99TH ***

MAP	ID	ROCK	RATING	Z	C	P	N	C	A	M	A	M	F	H	LO	U	F	V	C	F	U
13E	823674	PHAW	7	***								*	+								
13E	823678	HUGB	6							*							*				*
13E	823683	HUGB	15	*		*		+		+	*	*	+			+	+		*		
13E	823686	HUGB	8														***			***	
13E	823688	NHWS	8							***								***			
13E	823689	NHWS	16		***			***	***		***										
13E	823690	HUGP	5									*				+				*	
13E	823694	PH14	4		+			**													
13E	823697	PH14	21	+			+	*	**	*	*	*	+	**				*	*		
13E	823698	PH14	7				+	*		**		+									
13E	823700	PH14	8	**						+								+	**		
13E	823703	PH14	4			***															
13E	823704	PH14	4			*														*	
13E	823706	PH14	6			*	+													**	
13E	823707	PH14	13	***	*						**				+				**		
13E	823709	PH14	6							*						*	*				
13E	823714	PH14	6	*	*										*						
13E	823715	PH14	4														+			+	*
13E	823726	NHWS	12								***					***				***	
13E	823727	NHWS	12			***											***		***		
13E	823728	NHWS	8	***							***										
13E	823734	HUGB	5				+								*	*					
13E	823736	HUGB	4				*								+	+					
13E	823739	HUGB	15	+		+				+		***	*					*	*		*
13E	823742	HUGB	19	***	+	***					+					***			***	+	
13E	823745	PHAW	14			*												***	***	***	
13E	823746	PHAW	8			***												*	*		
13E	823748	NHWS	4												***						
13E	823756	PH14	4												**	+					
13E	823763	PHAW	4											***							
13E	823764	PHAW	4								***										
13E	823769	PHAW	26	+	+			+	*	***	***		*	+		***		***	+		+
13E	823771	PHAW	12		*							***			*			***			
13E	823773	PH14	6										***								*
13E	823774	PH14	11		+				***				*		+			**			
13E	823777	PH14	5			+									+			*			+
13E	823778	PH14	4			*												*			
13E	823779	PH14	11			+							*			+		*	+	***	
13E	823780	PH14	33	*	+	**	*	**	**	***	**		+	*		**		+	***		+
13E	823782	PH14	8			*										*		*		*	
13E	823784	PH14	4												***						
13E	823785	PH14	10				+			*						*	*		*		+
13E	823788	PHAW	28	*	***		***	***	*	*	*			+		+	*	***			
13E	823789	PHAW	15					***		+				*		*	***		+		+
13E	823791	PHAW	4							+	+						*				
13E	823794	PHAW	4												***						
13E	823798	PHAW	4				*														*