

A JOINT CANADA-PRINCE EDWARD ISLAND CONTRIBUTION  
TO THE URANIUM RECONNAISSANCE PROGRAM



REGIONAL STREAM SEDIMENT RECONNAISSANCE DATA,  
PRINCE EDWARD ISLAND

by

W. Dyck

Geological Survey of Canada

O P E N F I L E 6 8 0

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Department of Energy, Mines and Resources  
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Regional stream sediment reconnaissance  
data, Prince Edward Island, 1975

NTS 11E, 11L, 21I

Geological Survey of Canada Open File

W. Dyck

Abstract

This open file presents field and laboratory observations of a stream sediment survey carried out during the 1975 field season in Prince Edward Island.

The survey was carried out in conjunction with the Maritime well water survey (Dyck, et al, 1976a, Dyck, et al, 1976b) to determine the general usefulness of such surveys for U prospecting and to evaluate the geochemical character of the island. The survey was managed by the Geological Survey of Canada in conjunction with the Prince Edward Island Department of Industry and Commerce under the terms of the Canada-P.E.I. agreement on the Uranium Reconnaissance Program.

Approximately 380 stream sediments were collected at an average density of one sample/15 km<sup>2</sup> throughout the 5700 km<sup>2</sup> area of the Island. All samples were analysed for U, Zn, Cu, Pb, Mn, and Fe. The data are available in the form of a listing and digitally on magnetic tape.

### Participants

- Project Leader: W. Dyck, Geological Survey of Canada
- Scientific Liaison: K. Murrigane, Department of Industry and Commerce, P.E.I.
- Field Support: Sample collection and field observations were carried out with the aid of students supplied by the P.E.I. Department of Industry and Commerce and the Geological Survey of Canada.
- Analytical Support: Sample preparation and analysis was carried out under the supervision of J.J. Lynch, Geological Survey of Canada.
- Data Processing: N.G. Lund and D.E. Ellwood were responsible for the computer processing of the field and laboratory observations, and digital open file preparation.

### Field and Laboratory Procedures

Sample sites and numbers were marked on 1/50,000 topographic maps and the UTM locations recorded on 80 column cards. Also recorded on these cards, while in the field, were numerous stream parameters such as width, depth, and relative measures of water flow rate and level, turbulence, colour, and the approximate size composition of the sediment.

In Ottawa the dried samples were screened and the minus 80 mesh (177 microns) fraction used for chemical analyses. For quality control a control reference and a blind duplicate sample were inserted into each block of 20 samples.

For the determination of Zn, Cu, Pb, Mn, and Fe a 1g sample was reacted with 6 mL of a mixture of 4M HCl and 1M HNO<sub>3</sub> in a test-tube overnight at room temperature, and then brought to 90°C and held at this temperature for 2 hours with periodic shaking. The solution was diluted to 20 mL with metal free water and analysed by atomic absorption spectroscopy using an air-acetylene flame.

Uranium was determined fluorimetrically on a 2.5 mL aliquot of the above leach solution using the procedure described by Smith and Lynch (1969), and by delayed neutron counting of a 1g sample (Boulanger, et al, 1975).

#### Data Presentation

The data are listed in abbreviated form. The abbreviations are defined in Table 1. Concentration units and detection limits are given in Table 2. The format of the digital file is defined in the digital open file description supplied with the magnetic tape.

Table 1. Legend for data listing titles

MAP	-	National topographic system (NTS) - Letter quadrangle (scale 1:250,000). Part of sample number.
ID	-	Remainder of sample number - Year (2), field crew (1), sample sequence number (3).
UTM COORDINATES	-	Universal transverse mercator (UTM) coordinate system - sample coordinates.
ZN	-	Zone

EAST - Easting (metres)

NORTH - Northing (metres)

RELF - General relief of terraine  
FL - flat  
LO - low  
GE - gentle  
MO - moderate

WTH - Width of stream in cm

DTH - Depth of stream water in cm

LEVL - Stream water level  
DY - dry  
LO - low  
NM - normal  
HG - high  
FL - flood

RATE - Relative flow rate of stream  
SN - stagnant  
SW - slow  
MO - moderate  
Fa - fast  
TO - torrent

TURB - Water turbulance  
ST - still  
SL - slight  
MO - moderate  
SG - strong

PREC - Precipitate or stain on stream bed  
NN - none  
FE - iron hydroxide  
MN - manganese hydroxide  
OR - organic slime  
LM - lime  
SP - sulphur

WCO - Water colour  
CL - clear  
WH - white  
YL - yellow  
OR - orange

RD - red  
BR - brown

SCO - Sediment colour  
WH - white  
BF - buff  
YL - yellow  
OR - orange  
PK - pink  
RD - red  
BR - brown  
DB - dark brown  
BK - black  
GY - grey

SEDIMENT  
COMPOSITION % - Bulk stream sediment composition in percent, eye estimate.

GR - % gravel and cobbles (>2mm)  
CR

CO - % coarse sand (0.5 - 2 mm)  
SD

FI - % fine sand (0.125 - 0.5 mm)  
SD

ST - % silt (0.004 - 0.235 mm)  
CY - % clay (>0.004 mm)  
OR - % organic matter

SALI - Water salinity  
F - fresh water  
S - salt water

UN - Uranium content in ppm as determined by delayed neutron counting.

UF - Uranium content in ppm as determined by fluorimetry.

ZN - Zinc content, ppm

CU - Copper content, ppm

PB - Lead content, ppm

MN - Manganese content, ppm

FE - Iron content, %

Table 2. Units and detection limits  
of element variables

Element	Units	Detection Limit	Values entered when undetectable
UN	ppm	0.2	0.1
UF	"	0.5	0.2
ZN	"	2	1
CU	"	2	1
PB	"	2	1
MN	"	5	2
FE	%	0.02	0.01

References

- Boulanger, A., Evans, D.J.R., and Raby, B.F.  
1975: Uranium analysis by neutron activation delayed neutron counting: Proc. of the 7th Annual Symp. of Canadian Mineral Analysts, Thunder Bay, Ontario, Sept. 22-23.
- Dyck, W., Chatterjee, A.K., Gemmill, D.E., and Murrice, K.  
1976a: Well water trace element reconnaissance, Eastern Maritime Canada. J. Geoch. Explor. Vol. 6, p. 139-162.
- Dyck, W., Garrison, E.W., Godoi, H.O. and Wells, G.S.  
1976b: Minor and trace element contents of well waters, Carboniferous Basin, Eastern Canada. Federal-Provincial Uranium Reconnaissance Program. Geol. Surv. Can., Open File 340, 36 pp, 23 maps.
- Smith, A.Y. and Lynch, J.J.  
1969: Field and laboratory methods used by the Geological Survey of Canada in geochemical surveys; No. 11. Uranium in soil stream sediment and water. Geol. Surv. Can. Paper 69-40, 9 p.



CANADA-PRINCE EDWARD ISLAND URANIUM RECONNAISSANCE PROGRAM - REGIONAL GEOCHEMICAL STREAM SEDIMENT SURVEY, PRINCE EDWARD ISLAND, 1975

MAP ID	UTM COORDINATES		R E L	WTH	DTH	L E V L	R T P	L A U R W S	C O C O	SEDIMENT COMPOSITION %				U N	U F	Z N	C U	P B	M N	F E
	ZN	EAST								NORTH	F	WTH	DTH							
11E 757099	20	521570	5090270	GE	400	3	NM	MC	SL	NN	CL	BK	30	60	F	5	12	1420	1.29	
11E 757100	20	528200	5091220	LO	100	4	NM	SN	ST	NN	CL	BK	20	10	60	11	17	695	2.07	
11E 757101	20	533500	5091940	LO	30	2	NM	SN	ST	NN	CL	BK	20	10	60	15	17	370	2.49	
11E 758086	20	514090	5090790	LO	30	20	NM	SN	ST	OG	CL	BR	10	30	20	8	11	635	1.81	
11E 758087	20	517050	5092880	LO	40	50	NM	FA	SL	FE	CL	BR	10	30	30	7	6	693	1.06	
11L 756001	20	502180	5138220	LO	15	20	NM	SW	ST	NN	CL	RD	30	50	40	22	18	834	2.21	
11L 756002	20	502080	5135670	GE	10	30	NM	MO	SL	NN	CL	BR	30	60		7	10	753	1.25	
11L 756003	20	503100	5138390	GE	15	40	NM	SW	ST	NN	CL	DB	30	30	20	8	14	927	1.06	
11L 756004	20	505720	5136300	GE	10	20	NM	MO	SL	NN	CL	RD	90			8	13	413	1.14	
11L 756005	20	506140	5139660	LO	30	30	LO	SW	ST	NN	CL	RD	80	10		8	10	430	1.10	
11L 756006	20	510150	5137710	LO	10	40	NM	SW	ST	NN	CL	RD	80	10		13	13	682	1.22	
11L 756007	20	509570	5134970	LO	9	20	NM	MO	SL	NN	CL	BR	90			8	16	471	1.22	
11L 756008	20	514000	5134860	LO	35	60	NM	SW	ST	NN	CL	BR	90			6	10	689	1.34	
11L 756009	20	512480	5136250	LO	4	10	LO	SW	ST	NN	CL	BR	30	60		14	29	584	2.46	
11L 756010	20	456380	5119980	LO	10	30	NM	SW	ST	OG	CL	BR	20	20	30	17	21	560	2.08	
11L 756011	20	453230	5119040	LO	30	40	NM	SW	ST	NN	CL	BR	30	30	30	15	14	220	1.44	
11L 756012	20	451950	5122210	LO	10	30	NM	MO	SL	NN	CL	BR	20	60	10	10	13	447	1.46	
11L 756013	20	446810	5125320	LO	7	10	NM	SW	ST	NN	CL	BR	90			14	19	533	2.08	
11L 756014	20	443500	5126910	FL	11	10	NM	SW	ST	NN	CL	BR	10	70	10	10	14	274	0.86	
11L 756015	20	445160	5128080	LO	11	20	NM	MO	SL	NN	CL	BR	10	80		10	15	432	1.39	
11L 756016	20	444050	5130130	LO	9	20	NM	MO	MO	NN	CL	BR	10	70	10	10	15	554	1.60	
11L 756017	20	444130	5132000	LO	15	20	NM	SW	ST	NN	CL	BR	90			10	17	269	1.20	
11L 756018	20	451160	5131320	LO	50	60	NM	MO	SL	NN	CL	BR	90			11	14	460	1.34	
11L 756019	20	449070	5126460	LO	5	10	LO	SW	ST	OG	BR	BR	30	50	10	20	31	326	2.46	
11L 756020	20	449740	5124080	LO	6	40	NM	MO	MO	NN	CL	RD	90			27	26	1068	2.63	
11L 756021	20	457000	5123200	LO	6	40	NM	MO	MO	NN	CL	RD	90			8	15	331	1.53	
11L 756022	20	461320	5122450	LO	40	50	NM	MO	MO	NN	CL	BR	10	70	10	7	12	289	1.20	
11L 756024	20	459330	5127000	GE	15	30	HG	FA	MO	NN	BR	BR	80	10		10	14	335	1.14	
11L 756026	20	454040	5131520	LO	40	40	NM	MO	SL	NN	CL	BR	70	10	10	18	15	428	1.44	
11L 756027	20	454040	5131520	LO	40	40	NM	MO	SL	NN	CL	BR	70	10	10	17	18	438	1.60	
11L 756028	20	458190	5133180	LO	50	70	HG	FA	MO	NN	BR	BR	80	10		10	13	597	1.58	
11L 756029	20	460160	5133540	LO	50	60	HG	FA	SG	NN	BR	BR	50	30	10	16	16	497	1.80	
11L 756030	20	460570	5137090	LO	5	10	LO	SW	ST	NN	CL	BR	80	10		17	17	511	2.08	
11L 756031	20	458130	5139250	LO	5	10	LO	SW	ST	OG	CL	BR	60	30		20	20	872	3.42	
11L 756032	20	448530	5134150	LO	9	40	HG	SW	ST	NN	CL	BR	10	10	10	27	17	387	1.73	
11L 756033	20	446300	5134240	LO	20	60	HG	MO	SL	NN	CL	BR	80	20		12	17	637	1.17	
11L 756034	20	446820	5138480	LO	12	20	NM	MO	SL	NN	CL	BR	40	20	10	18	18	593	2.42	
11L 756035	20	446820	5138480	LO	12	20	NM	MO	SL	NN	CL	BR	40	20	10	14	23	646	2.79	
11L 756036	20	449440	5137770	LO	62	60	NM	FA	SG	NN	BR	BR	10	30	10	13	16	922	2.42	
11L 756037	20	448900	5140690	LO	18	30	HG	MO	MO	NN	CL	BR	40	20		12	17	526	1.80	
11L 756038	20	450510	5143870	LO	5	10	NM	SW	ST	NN	CL	BR	10	20	10	15	26	768	2.71	
11L 756039	20	449480	5146140	LO	30	75	NM	MO	SL	NN	CL	BR	10	40	20	16	24	700	2.63	
11L 756040	20	445970	5148140	LO	7	20	HG	MO	SL	NN	CL	BR	30	40	20	20	20	914	2.21	
11L 756041	20	447620	5143300	LO	2	3	NM	SW	ST	NN	CL	BR	20	50	10	18	22	528	2.92	
11L 756042	20	443640	5141390	LO	10	5	NM	SW	ST	NN	CL	BR	40	30	10	10	18	313	1.53	
11L 756043	20	443500	5138840	LO	17	15	HG	MO	SL	NN	CL	BR	20	20	10	13	51	895	3.75	
11L 756044	20	451480	5139280	LO	10	10	7	NM	SW	ST	NN	CL	BR	20	50	10	11	18	518	1.93
11L 756045	20	453440	5140400	LO	23	20	NM	MO	SL	NN	BR	BR	30	30	30	10	14	360	1.44	
11L 756046	20	454830	5144880	GE	30	7	NM	MO	SL	NN	CL	BR	30	40		10	17	390	1.85	
11L 756047	20	456350	5144220	GE	103	5	NM	SW	ST	NN	CL	BR	20	20	20	6	16	339	1.31	



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MAP	ID	UTM COORDINATES		R E F L E V L OTH	WTH	L R T P M S	SEDIMENT COMPOSITION %										U N	U F	Z N	C U	P B	M N	F E		
		ZN	EAST				NORTH	F	L	O	S	C	O	C	B	S								D	S
11L	756112	20	546610	5126080	L0	15	50	LO	SK	ST	NN	BR	BR	10	60	20	F	2.1	1.0	32	12	14	476	1.68	
11L	756113	20	545320	5128390	L0	6	20	NM	MC	SL	NN	CL	BR	20	50	20	F	2.8	1.6	70	17	20	620	2.38	
11L	756114	20	544190	5131170	L0	45	52	NM	MO	SL	NN	CL	DB	60	20	10	F	4.0	2.0	19	6	10	680	0.77	
11L	756115	20	542230	5133790	L0	25	17	NM	MO	SL	NN	CL	BR	10	70	10	F	2.9	1.2	38	8	15	576	1.46	
11L	756116	20	545190	5138000	L0	41	35	NM	MO	ST	NN	CL	DB	30	30	30	F	3.3	1.5	39	7	12	686	1.11	
11L	756117	20	542430	5136280	GE	32	25	NM	MO	MO	NN	CL	DB	10	40	30	F	2.5	1.4	38	16	15	515	1.74	
11L	756118	20	542970	5140680	GE	50	5	NM	MC	SL	NN	CL	DB	60	10	20	F	2.0	0.8	30	5	13	722	0.77	
11L	756119	20	542660	5145190	GE	45	21	NM	FA	MO	FE	CL	BR	10	60	20	F	2.1	1.2	36	7	13	548	1.43	
11L	756120	20	543480	5143740	L0	30	31	NM	MO	MO	NN	CL	BR	20	50	10	F	2.2	0.8	50	6	14	999	1.41	
11L	756121	20	545100	5143480	L0	15	5	NM	SW	ST	OG	CL	BR	70	10	10	F	1.7	1.0	23	6	12	524	1.40	
11L	756122	20	546900	5136270	L0	10	10	5	NM	MO	SL	NN	CL	BR	40	30	10	F	2.3	0.8	33	6	14	589	1.36
11L	756123	20	553400	5137660	L0	30	40	NM	FA	MO	NN	CL	BR	40	20	20	F	2.7	1.0	43	8	15	1079	1.89	
11L	756124	20	551070	5145180	L0	18	15	NM	FA	MO	NN	CL	BR	10	30	40	F	2.0	0.7	47	6	12	960	1.51	
11L	756125	20	557280	5139120	L0	20	35	NM	MO	SL	OG	CL	BR	10	60	10	F	1.9	0.6	31	38	16	450	1.31	
11L	756126	20	556660	5142000	L0	6	10	NM	MO	SL	NN	CL	BR	20	40	20	F	2.2	1.0	49	10	15	1233	2.19	
11L	756127	20	556180	5145250	GE	50	35	NM	FA	MO	NN	CL	BR	10	20	60	F	2.9	1.0	34	7	15	1004	2.19	
11L	756128	20	548590	5141730	GE	51	40	NM	FA	MO	NN	CL	DB	10	70	10	F	2.4	1.2	49	6	14	537	1.33	
11L	756129	20	548590	5141730	GE	13	11	NM	MO	SL	NN	CL	BR	30	30	30	F	2.3	0.7	77	9	15	1108	2.29	
11L	756130	20	548590	5141730	GE	13	11	NM	MO	SL	NN	CL	BR	30	30	30	F	2.0	0.7	73	8	17	1096	2.13	
11L	756131	20	549840	5136480	L0	20	5	NM	MO	SL	NN	CL	BR	10	60	10	F	2.4	0.7	54	7	16	862	1.89	
11L	756132	20	550430	5134420	L0	7	25	NM	MO	SL	NN	CL	BR	10	50	20	F	2.5	0.8	27	7	13	689	1.62	
11L	756133	20	521580	5117480	L0	7	20	NM	FA	MO	NN	CL	BR	10	60	20	F	1.9	0.7	40	9	16	641	1.71	
11L	756134	20	520770	5121450	L0	18	30	NM	MO	SL	NN	CL	BR	20	40	20	F	2.2	0.8	39	7	12	733	1.42	
11L	756135	20	522620	5115400	GE	20	25	NM	FA	MO	NN	CL	WH	20	40	20	F	1.9	1.0	38	9	14	1097	2.00	
11L	756136	20	524920	5117740	GE	20	10	NM	FA	MO	NN	CL	WH	60	10	20	F	2.1	1.1	30	6	10	1176	1.41	
11L	756137	20	526270	5120870	L0	25	34	NM	FA	MO	FE	CL	BR	30	50	10	F	2.3	1.3	38	8	14	811	1.60	
11L	756138	20	529420	5121060	GE	8	5	NM	MO	MO	OG	CL	BR	40	20	20	F	2.7	1.5	54	11	14	1696	2.85	
11L	756139	20	531810	5120820	GE	30	27	NM	MO	SL	NN	CL	BR	30	40	20	F	2.8	1.8	65	8	9	1669	1.89	
11L	756140	20	537460	5120400	GE	23	30	NM	MO	SL	NN	CL	BR	20	50	10	F	2.5	1.4	51	11	19	1671	2.43	
11L	756141	20	540510	5119920	L0	15	30	HG	FA	MO	NN	BK	DB	10	30	20	F	2.8	1.8	45	7	8	885	1.34	
11L	756142	20	543850	5119930	L0	7	12	NM	MO	SL	NN	CL	DB	10	60	20	F	2.4	1.1	49	6	9	1853	1.49	
11L	757001	20	483090	5119170	MO	150	15	NM	SW	ST	NN	CL	BR	20	10	30	F	2.0	1.0	56	6	16	621	1.10	
11L	757002	20	482830	5117160	MO	50	5	NM	SW	ST	NN	CL	BR	20	20	20	F	2.3	1.2	49	8	15	1868	1.47	
11L	757003	20	484800	5113770	MO	50	6	NM	MO	SL	NN	CL	RD	10	10	30	F	2.4	1.1	44	10	16	1554	1.55	
11L	757004	20	488200	5116180	L0	300	50	NM	SN	ST	NN	BR	BR	20	10	60	F	2.1	1.2	28	8	16	240	1.38	
11L	757005	20	482000	5111060	L0	150	30	NM	MO	MO	NN	CL	BR	10	20	10	F	2.5	1.5	64	11	17	729	2.05	
11L	757006	20	478900	5113200	L0	40	13	NM	SW	ST	OG	CL	BR	10	20	30	F	2.6	1.7	74	10	21	279	1.96	
11L	757007	20	476000	5111500	L0	130	12	NM	SN	ST	OG	BR	BR	10	20	30	F	2.2	1.1	59	11	20	297	2.08	
11L	757008	20	468660	5113800	L0	120	30	NM	MO	SL	NN	CL	RD	10	40	20	F	2.2	1.4	46	9	20	369	1.60	
11L	757009	20	467660	5117160	GE	400	7	NM	FA	SG	NN	CL	RD	10	30	20	F	2.8	1.8	72	16	30	690	2.31	
11L	757010	20	466280	5120980	MO	200	15	NM	FA	MO	NN	CL	RD	30	20	30	F	2.3	1.3	33	8	15	352	1.31	
11L	757011	20	469180	5121200	MO	10	5	NM	MO	MO	NN	CL	RD	30	30	20	F	2.2	1.2	48	9	14	493	1.87	
11L	757027	20	511160	5131120	GE	10	2	LO	MO	ST	NN	CL	BR	10	40	10	F	2.1	1.0	74	18	34	2569	3.10	
11L	757028	20	517520	5126780	L0	250	75	NM	MO	SL	NN	CL	BR	30	20	40	F	3.8	2.0	35	6	14	680	1.08	
11L	757029	20	517860	5127860	L0	500	50	HG	SN	ST	NN	CL	DB	20	10	10	F	2.3	1.0	40	9	16	692	1.68	
11L	757030	20	517520	5133880	GE	300	50	NM	SW	SL	NN	CL	BR	10	20	40	F	2.1	1.0	36	10	15	1112	2.09	
11L	757031	20	513800	5131395	L0	100	5	NM	MO	SL	NN	CL	RD	10	20	40	F	1.7	0.8	29	8	15	656	1.34	
11L	757032	20	512500	5129740	L0	999	500	NM	MO	SL	NN	CL	BR	10	20	30	F	2.5	1.1	31	9	15	1070	1.78	
11L	757033	20	512440	5124940	L0	999	40	NM	SN	ST	NN	CL	BK	10	20	20	F	2.4	1.2	58	9	20	957	1.28	
11L	757034	20	515120	5123460	GE	500	20	NM	MC	SL	NN	CL	BR	10	10	10	F	3.1	0.9	54	9	16	1713	1.86	

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CANADA-PRINCE EDWARD ISLAND URANIUM RECONNAISSANCE PROGRAM - REGIONAL GEOCHEMICAL STREAM SEDIMENT SURVEY, PRINCE EDWARD ISLAND, 1975

MAP	ID	UTM COORDINATES		R E L	F WTH	DTH	L E V	L R T P	M O S L	N N C L	B R	S C G R	C O S D	S E D I M E N T	C O M P O S I T I O N	X A	U N	U F	Z N	C U	P B	M N	F E			
		ZN	EAST																					NORTH		
11L	757035	20	509640	5127020	GE	200	75	NM	MO	SL	NN	CL	BR	10	20	30	10	20	F	9	17	10A1	2.17			
11L	757036	20	508240	5126640	GE	300	50	NM	MO	SL	NN	CL	BR	10	30	20	10	20	F	8	15	881	1.96			
11L	757037	20	506010	5122940	LO	200	50	HG	FA	MO	NN	CL	BR	10	20	20	30	10	F	9	16	709	2.06			
11L	757038	20	424320	5150960	LO	200	5	LO	SM	ST	NN	CL	BK	10	20	30	40	F	13	24	744	2.46				
11L	757039	20	427660	5150770	LO	300	2	NM	SM	ST	NN	CL	BR	10	20	40	10	10	F	8	17	719	1.75			
11L	757040	20	429440	5152350	LO	130	20	NM	MO	SL	NN	CL	RD	10	20	20	30	10	F	6	17	463	1.66			
11L	757041	20	431640	5156460	GE	200	15	NM	MO	MO	NN	CL	BR	10	30	20	30	F	3.1	10	22	728	1.94			
11L	757042	20	432480	5159090	LO	40	6	LO	MO	ST	NN	CL	BR	10	30	30	30	F	2.2	1.1	120	2.34				
11L	757043	20	429640	5157820	LO	300	50	NM	FA	SG	NN	CL	BR	20	20	10	20	F	2.3	9	23	1668	2.26			
11L	757044	20	429770	5161790	LO	200	50	NM	SN	ST	NN	CL	BR	10	30	30	10	F	1.8	8	18	1005	1.62			
11L	757045	20	424560	5160700	LO	50	6	NM	MO	SL	NN	CL	RD	10	20	30	10	F	2.6	1.0	98	2.14				
11L	757046	20	430950	5162830	GE	500	50	NM	MC	ST	NN	CL	BR	10	30	20	30	F	2.9	1.0	45	400	2.39			
11L	757047	20	427100	5166480	GE	200	50	NM	MO	SL	NN	CL	BR	10	20	20	30	F	2.7	0.9	59	24	695	2.06		
11L	757048	20	424620	5168940	LO	300	50	NM	MO	SL	NN	CL	BR	10	20	30	10	F	2.8	0.7	58	14	971	2.35		
11L	757049	20	426190	5169370	LO	300	30	NM	MO	SL	NN	CL	BR	10	10	20	30	F	2.3	0.8	51	16	432	1.84		
11L	757050	20	424710	5172180	LO	75	12	NM	MO	SL	NN	CL	BR	10	20	20	30	F	1.7	0.8	79	17	498	1.86		
11L	757062	20	426080	5154820	LO	300	60	NM	MO	SL	NN	CL	BK	10	30	10	40	F	4.1	1.4	82	10	1400	2.12		
11L	757073	20	558830	5133340	GE	250	20	NM	MO	SL	NN	CL	RD	20	20	10	10	F	3.0	0.9	41	13	1035	2.34		
11L	757074	20	562320	5134360	GE	300	15	NM	MO	MO	NN	CL	RD	10	20	40	10	F	2.0	0.6	42	6	608	1.62		
11L	757075	20	565870	5136600	LO	200	3	LO	SN	ST	NN	CL	BK	10	20	30	40	F	2.4	1.0	300	9	398	1.73		
11L	757076	20	564370	5141580	GE	300	5	NM	FA	SG	NN	CL	RD	20	20	20	10	F	1.9	0.6	30	7	797	1.89		
11L	757077	20	559880	5146470	LO	100	30	NM	SN	ST	NN	CL	BK	10	30	30	20	F	2.1	0.6	20	5	319	1.01		
11L	757078	20	560190	5142420	GE	300	15	NM	FA	SG	NN	CL	RD	20	20	20	10	F	2.8	1.0	29	7	1014	2.20		
11L	757079	20	559100	5140250	LO	200	10	NM	SM	ST	NN	CL	RD	10	20	20	30	F	2.5	0.8	49	8	752	2.17		
11L	757080	20	569660	5142240	LO	100	8	NM	MO	SL	NN	CL	RD	10	30	20	30	F	2.0	0.7	44	8	13	1079	1.92	
11L	757081	20	569460	5138440	LO	75	5	NM	MO	MO	NN	CL	BR	10	20	20	30	F	1.7	0.8	39	6	467	1.41		
11L	757082	20	572560	5142090	LO	75	2	NM	SN	ST	NN	CL	BK	10	20	30	40	F	2.4	1.0	107	18	609	3.15		
11L	757083	20	576600	5143880	GE	50	3	NM	MO	SL	NN	CL	BR	10	10	20	30	10	F	1.9	1.0	701	11	701	1.58	
11L	757084	20	572820	5142720	LO	75	5	NM	SM	ST	NN	CL	BR	10	10	10	30	20	F	2.2	0.6	19	6	459	1.62	
11L	757085	20	568160	5146620	LO	300	30	NM	SM	ST	NN	CL	BK	10	10	20	20	F	2.3	0.7	34	7	22	438	1.68	
11L	757086	20	564280	5146920	LO	100	30	NM	SM	ST	NN	CL	RD	10	20	40	20	10	F	1.9	0.6	20	6	430	0.97	
11L	757087	20	523000	5107160	MO	999	75	NM	MO	MO	NN	CL	RD	10	20	40	20	10	F	1.9	0.5	29	8	725	1.64	
11L	757088	20	528780	5108020	LO	60	5	NM	MO	ST	NN	CL	BR	10	20	40	10	10	F	1.5	0.3	27	5	706	0.92	
11L	757089	20	532920	5106690	MO	999	70	NM	FA	MO	NN	CL	RD	10	20	40	10	10	F	1.3	0.6	19	7	9	540	1.18
11L	757090	20	536240	5103930	LO	50	5	NM	MO	SL	NN	CL	BR	10	20	30	20	F	2.5	0.7	146	11	22	1111	2.17	
11L	757091	20	536860	5101300	LO	100	30	NM	MO	SL	NN	CL	RD	10	20	30	10	30	F	2.4	0.6	60	10	25	936	2.46
11L	757092	20	540720	5102020	LO	150	20	NM	MO	SL	NN	CL	BR	10	20	40	10	10	F	2.9	0.8	32	13	1104	2.27	
11L	757093	20	540510	5106930	LO	200	2	NM	SM	ST	NN	CL	BR	10	30	20	30	F	2.5	1.0	102	16	542	2.98		
11L	757094	20	539320	5106020	LO	999	20	NM	SM	ST	NN	CL	RD	10	20	30	30	F	2.1	0.8	40	11	15	986	1.92	
11L	757095	20	533660	5100800	LO	200	50	NM	SN	ST	NN	CL	BR	10	10	20	20	10	F	2.4	0.7	25	12	15	647	1.81
11L	757096	20	530200	5096330	LO	30	6	NM	SM	ST	NN	CL	BR	10	10	20	20	20	F	1.8	0.4	26	12	12	363	1.10
11L	757097	20	534220	5096120	GE	500	6	NM	SM	ST	NN	CL	BK	10	10	30	20	30	F	2.6	1.2	49	13	15	342	2.34
11L	757098	20	533080	5094510	GE	20	5	NM	SM	ST	NN	CL	BK	10	20	20	50	F	2.4	0.8	39	11	17	405	1.51	
11L	757102	20	523840	5095360	LO	200	10	NM	SM	ST	NN	CL	RD	10	20	20	10	10	F	1.9	0.7	30	13	19	668	1.71
11L	757103	20	522700	5097110	GE	100	2	NM	SM	ST	NN	CL	RD	10	10	20	40	10	F	2.7	0.8	85	15	20	879	2.07
11L	757104	20	522800	5099800	GE	500	10	NM	SM	ST	NN	CL	RD	20	20	20	20	10	F	2.4	0.9	38	18	1086	2.56	
11L	757105	20	526800	5099420	GE	250	6	NM	MO	SL	NN	CL	BR	10	10	20	30	10	F	3.6	0.9	30	14	17	1139	2.44
11L	757106	20	530460	5099700	GE	200	60	HG	MO	SL	NN	CL	RD	30	20	20	20	F	2.3	0.9	34	16	655	2.05		
11L	757107	20	530660	5103261	LO	10	1	LO	SN	ST	NN	CL	BR	10	10	10	30	F	1.8	0.7	82	12	16	558	1.66	
11L	757108	20	524280	5103820	GE	200	15	NM	MO	SL	NN	CL	BR	10	10	20	30	10	F	2.4	0.6	35	12	982	1.75	

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MAP ID	UTM COORDINATES		R E L	W T H	D T H	V L	E A	L R	T P	N N	O G	C L	R D	SEDIMENT COMPOSITION %										U N	U F	Z N	C U	P B	M N	F E
	Z N	E A S T												N O R T H	F	L	S	C	G R	C O	S D	S D	S T							
11L 757109	20	520000	5103175	L0		DY								RD	10	20	20	30	10	F	2.2	0.7	140	12	14	1032	2.17			
11L 758001	20	487150	5125450	FL	60	55	LO	SM	ST	OG	CL	RD		RD	10	20	40	50	40		1.7	0.9	46	8	13	574	1.69			
11L 758002	20	483000	5127640	FL	20	100	NM	MO	SL	NN	CL	RD		RD	10	20	40	50	40		1.6	0.9	32	6	8	486	1.59			
11L 758003	20	485480	5129800	L0	30	50	HG	FA	SL	NN	CL	BR		BR	20	40	30	20			1.9	1.0	66	10	15	705	1.97			
11L 758004	20	481950	5131000	L0	10	20	NM	MO	ST	NN	CL	BR		BR	40	30	40	30	20		2.2	0.9	22	6	9	782	1.46			
11L 758005	20	481810	5136800	FL	5		DY							RD							2.1	0.9	66	12	45	686	2.34			
11L 758006	20	483940	5138410	FL	50	5	LO	SN	ST	OG	BR	RD	10	RD	10	30	10	40			1.7	0.7	36	8	10	560	1.59			
11L 758007	20	487020	5136800	L0	20	50	HG	FA	SL	NN	CL	RD	80								1.6	0.7	28	7	10	878	1.63			
11L 758008	20	486040	5135420	FL			NM	MO	SL	FE	CL	BR		BR	70	20					3.0	1.0	35	7	10	1122	1.79			
11L 758009	20	484150	5134300	FL	40	20	LO	SN	ST	OG	CL	RD		RD							2.4	1.3	72	12	14	536	2.43			
11L 758010	20	486900	5132960	FL	20	10	LO	SN	ST	OG	BR	BR		BR	20	40	30				1.7	1.0	57	8	10	501	1.73			
11L 758011	20	490740	5137480	L0	30	50	HG	SN	SL	FE	YL	RD	80								2.4	0.9	50	7	8	919	1.79			
11L 758012	20	491180	5133320	FL	20	50	LO	SN	ST	NN	CL	BR		BR	50	40					1.6	0.7	25	6	7	446	1.28			
11L 758013	20	491730	5131160	FL	40	200	HG	MO	SL	OG	BR	RD		RD	30	40	20				2.1	0.9	44	7	10	576	1.43			
11L 758014	20	499060	5130600	L0	15	50	HG	FA	SL	NN	YL	BR	40								1.7	0.7	49	5	14	734	1.02			
11L 758015	20	497460	5134000	FL	20	20	LO	SN	ST	FE	CL	RD		RD	30	30	30				2.6	0.7	27	6	8	1057	1.56			
11L 758016	20	494520	5136140	L0	80	50	NM	SN	MO	NN	CL	BR		BR	20	70					2.3	1.0	51	8	10	875	1.51			
11L 758017	20	495000	5130920	GE	100	200	NM	FA	SL	MN	RD	OR	20								2.0	0.9	28	8	9	970	2.00			
11L 758018	20	494000	5127280	GE	20	20	NM	SN	ST	MN	YL	BR		BR	10	50	10				1.8	0.9	57	9	9	664	1.93			
11L 758019	20	492200	5124990	FL	33	20	DY							RD	30	40	10	10			2.4	1.2	74	13	28	541	2.69			
11L 758020	20	492040	5118440	FL	15	10	NM	FA	SL	NN	CL	BR	70								1.9	0.8	34	16	16	536	1.66			
11L 758021	20	494220	5116290	GE			NM	MO	SL	NN	CL	RD	10								2.9	1.2	35	7	11	534	1.64			
11L 758022	20	497580	5115800	FL	20	20	LO	MO	ST	NN	CL	RD	10								3.1	1.4	34	6	10	626	1.79			
11L 758023	20	494900	5119860	FL	100	400	NM	SN	ST	OG	BR	DB		DB	30	40	20				2.3	0.9	34	7	11	554	1.46			
11L 758024	20	482240	5123100	GE	20	50	NM	SN	ST	OG	RD	RD		RD	80	10					2.1	0.9	38	6	9	659	1.32			
11L 758025	20	478640	5123320	L0	30	30	HG	MO	ST	OG	CL	RD		RD	10	40	30	10			2.2	1.0	50	9	9	479	1.83			
11L 758026	20	475640	5124100	GE	30		HG	FA	ST	MN	CL	BR	10								2.4	1.0	40	6	9	446	1.37			
11L 758027	20	470290	5125820	MO			NM	MO	SL	FE	CL	BR	10								3.7	2.0	55	7	11	642	1.65			
11L 758028	20	477140	5114970	GE	10	20	NM	SN	ST	FE	CL	BR	20								2.9	1.2	39	8	7	712	1.71			
11L 758029	20	472200	5115180	GE	10	20	NM	MO	ST	FE	CL	BR	20								3.3	1.1	40	6	13	732	1.71			
11L 758030	20	473800	5119590	GE	40	20	NM	MO	SL	FE	BR	BR	10								2.5	1.2	39	9	10	422	1.75			
11L 758031	20	475340	5118200	GE	20	20	NM	MO	SL	FE	RD	DB		DB	20	30	40				2.2	0.9	35	6	6	446	1.49			
11L 758032	20	477000	5121500	L0	30	30	LO	FA	SL	FE	RD	BR	10								2.8	1.2	36	6	9	785	1.66			
11L 758033	20	479760	5120380	L0	50	30	NM	SN	MO	FE	RD	RD		RD	40	30	20				2.1	1.0	38	9	8	692	1.90			
11L 758034	20	478020	5127000	L0	10	20	NM	MO	SL	FE	CL	BR	30								2.3	1.0	38	6	10	453	1.40			
11L 758035	20	470150	5127650	MO	20	20	NM	FA	SL	FE	CL	BR	20								3.8	1.5	37	7	14	848	1.93			
11L 758036	20	468520	5125510	MO	80	30	NM	FA	SL	FE	CL	BR	30								3.5	1.7	49	15	18	696	1.94			
11L 758037	20	465550	5124030	MO	40	20	NM	FA	SL	FE	BR	RD		RD	20	30	20	10			2.7	1.4	59	13	16	459	2.22			
11L 758038	20	471680	5122250	MO	50	30	NM	FA	SL	FE	BR	BR		BR	40	30	20				2.3	1.0	33	7	14	441	1.37			
11L 758039	20	477220	5134100	GE	50	50	NM	MO	SL	FE	CL	BR		BR	30	20	20				2.9	1.0	43	9	14	721	1.96			
11L 758040	20	479860	5135770	L0	200	30	NM	SN	ST	OG	CL	BR		BR	20	60	10				2.6	1.0	64	13	15	545	2.47			
11L 758041	20	477230	5138710	GE	50	50	NM	MO	SL	FE	CL	BR	10								1.9	0.8	54	11	15	651	1.90			
11L 758042	20	474720	5144020	GE	20	20	NM	FA	SL	FE	CL	RD	10								1.9	0.9	37	8	13	827	1.84			
11L 758043	20	475100	5146040	FL	50	50	NM	SN	ST	OG	YL	BR		BR	40	20	10	20			1.9	0.7	49	12	26	646	1.86			
11L 758044	20	470670	5148110	GE	40	20	LO	MO	ST	OG	CL	BR		BR	20	20	30	10			2.4	1.1	38	7	15	452	1.45			
11L 758045	20	468370	5145960	GE	70	20	LO	MO	SL	FE	CL	BR	10								1.9	0.9	32	8	14	594	1.90			
11L 758046	20	468120	5142780	L0	30	40	NM	MO	ST	FE	CL	BR		BR	10	60	20				2.4	1.1	36	8	10	416	1.63			
11L 758047	20	478220	5129880	L0	40	20	NM	MO	ST	FE	CL	BR		BR	20	40	20	10			2.7	1.4	67	14	18	567	2.45			
11L 758048	20	473000	5133320	L0	65	50	NM	SN	ST	OG	YL	BR		BR	30	30	30				3.2	1.5	395	34	187	531	2.79			
11L 758049	20	471280	5135340	L0	20	100	HG	MO	ST	NN	CL	RD	50								2.6	1.0	45	13	18	680	2.41			

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MAP	ID	ZN	EAST	NORTH	UTM COORDINATES	E	L	F	WTH	DTH	L	V	E	R	P	W	S	C	GR	CO	FI	SEDI-MENT COMPOSITION %	A	S	OG	I	U	N	UF	ZN	CU	PB	MN	FE
11L	758050	20	469100	5133480	MO	10	30	NM	SW	ST	FE	CL	BR	10	50	20	10	F	32	0.7	2.1	7	14	631	1.83									
11L	758051	20	466460	5132230	MO	10	40	HG	FA	SL	FE	CL	BR	20	20	30	10	F	62	1.1	2.7	14	14	646	2.58									
11L	758052	20	464480	5137280	LO	10	30	NM	FA	SL	FE	CL	BR	10	30	20	10	F	33	0.9	1.9	7	10	504	1.39									
11L	758053	20	462730	5140120	MO	25	100	HG	FA	SL	FE	CL	BR	10	20	30	10	F	68	2.6	5.4	16	15	310	2.26									
11L	758054	20	461870	5145520	MO	15	30	NM	MO	ST	FE	CL	BR	20	20	20	10	F	41	0.8	2.5	9	10	493	2.13									
11L	758055	20	468800	5138120	GE	20	110	NM	MO	ST	FE	CL	BR	30	30	30	30	F	28	1.1	3.0	7	9	545	1.64									
11L	758056	20	472450	5138410	LO	30	30	NM	MO	ST	FE	CL	BR	30	30	30	30	F	29	1.0	2.1	7	10	538	1.51									
11L	758057	20	472070	5130800	GE	20	30	NM	MO	SL	FE	CL	BR	10	40	30	10	F	32	1.0	3.8	8	12	1305	2.95									
11L	758058	20	464850	5129500	GE	20	30	NM	MO	ST	FE	CL	BR	10	20	30	10	F	39	0.8	2.7	10	10	601	1.94									
11L	758059	20	467460	5129580	LO	15	10	LO	SW	ST	FE	CL	BR	10	30	20	30	F	48	1.2	2.9	10	26	486	2.36									
11L	758060	20	499560	5122490	LO	40	20	LO	MO	SL	OG	RD	BR	20	30	20	10	F	35	1.0	2.7	6	10	821	1.20									
11L	758061	20	501670	5123080	LO	55	100	NM	SW	ST	FE	RD	BR	10	30	30	20	F	44	0.8	2.1	10	10	504	2.52									
11L	758062	20	503740	5125700	LO	40	20	NM	MO	SL	FE	YL	BR	30	40	10	10	F	38	1.6	4.1	9	10	1140	1.74									
11L	758063	20	504840	5128900	LO	30	10	NM	MO	ST	OG	YL	BR	10	20	30	20	F	38	0.8	2.2	8	14	1463	2.26									
11L	758064	20	508900	5130490	LO	40	30	NM	MO	ST	OG	YL	BR	10	30	30	10	F	37	1.0	2.2	9	9	887	2.06									
11L	758065	20	509550	5118690	LO	30	20	NM	FA	SL	FE	RD	BR	20	50	10	10	F	29	0.6	1.8	7	6	631	1.60									
11L	758066	20	509550	5118690	LO	30	20	NM	FA	SL	FE	RD	BR	20	40	20	10	F	33	0.8	2.1	8	10	594	1.63									
11L	758067	20	512350	5119510	LO	10	10	LO	SM	ST	FE	OR	GY	10	40	20	10	F	16	0.6	2.3	4	8	983	0.68									
11L	758068	20	517570	5121220	FL	5	10	LO	SK	ST	FE	RD	BR	10	40	20	20	F	33	0.7	1.7	9	9	572	1.57									
11L	758069	20	515050	5117730	LO	60	50	NM	MO	SL	FE	RD	BR	50	20	10	10	F	49	1.0	2.9	11	14	1637	2.69									
11L	758070	20	513750	5115920	LO	60	30	NM	MO	ST	FE	RD	BR	20	40	30	30	F	35	0.8	2.4	8	10	601	1.67									
11L	758071	20	508160	5115740	LO	10	30	LO	SM	ST	FE	RD	BR	10	60	10	10	F	35	1.0	2.3	8	12	423	1.31									
11L	758072	20	504770	5115560	FL	40	30	NM	MO	ST	OG	CL	BR	10	10	30	20	F	71	1.0	2.6	17	20	583	2.75									
11L	758073	20	505850	5112520	FL	50	10	LO	SN	ST	OG	CL	DB	20	40	20	10	F	51	3.6	6.3	11	15	527	1.43									
11L	758074	20	504050	5109860	LO	5	10	OY	GY	20	40	30	10	F	10	40	30	F	81	1.5	3.0	19	20	239	1.55									
11L	758075	20	506450	5109430	LO	10	10	LO	SM	ST	FE	CL	BR	10	30	20	10	F	35	1.2	2.8	10	11	393	1.69									
11L	758076	20	510790	5112670	LO	10	50	NM	MO	ST	FE	CL	BR	20	30	10	10	F	30	0.7	2.1	6	10	475	1.10									
11L	758077	20	512830	5110630	GE	65	30	NM	MO	ST	FE	CL	RD	40	30	20	10	F	56	0.7	2.3	11	14	854	1.32									
11L	758078	20	510000	5107140	GE	20	50	NM	MO	ST	FE	CL	RD	10	40	30	30	F	38	0.8	2.2	8	8	331	1.83									
11L	758079	20	508880	5104600	LO	30	20	NM	MO	ST	FE	CL	RD	10	50	20	10	F	50	1.2	8.0	9	12	4410	3.65									
11L	758080	20	504420	5102380	LO	10	20	NM	SM	ST	OG	YL	BR	10	20	30	20	F	34	0.8	2.7	6	6	517	1.73									
11L	758081	20	502770	5101420	FL	60	50	NM	SM	ST	OG	YL	BR	10	40	20	20	F	46	0.9	2.6	10	10	331	1.87									
11L	758082	20	508960	5096050	FL	150	60	NM	SM	ST	OG	YL	BR	20	30	20	10	F	24	0.6	2.5	6	8	585	1.61									
11L	758083	20	512680	5093830	FL	20	20	LO	SN	ST	OG	CL	BR	30	30	10	20	F	19	0.6	2.2	5	5	806	1.82									
11L	758084	20	512680	5145720	GE	20	20	NM	MO	ST	FE	CL	BR	10	30	30	20	F	40	0.6	2.2	7	9	786	1.87									
11L	758085	20	514550	5096350	MO	150	50	NM	MO	ST	FE	CL	BR	20	30	30	20	F	26	0.7	2.4	7	4	726	1.70									
11L	758086	20	516730	5098020	MO	40	10	OY	FE	FE	CL	BR	20	30	30	30	F	33	0.7	2.1	17	9	757	2.33										
11L	758089	20	516480	5099790	MO	50	30	NM	SM	ST	FE	CL	BR	10	40	30	10	F	32	0.7	1.8	11	8	672	1.89									
11L	758090	20	514400	5101570	MO	20	30	NM	MO	SL	FE	CL	BR	20	40	20	20	F	49	0.5	1.5	10	14	681	2.03									
11L	758091	20	513430	5104190	MO	20	20	NM	MO	ST	FE	CL	BR	10	40	30	10	F	34	0.8	2.7	11	9	1066	2.51									
11L	758092	20	518680	5105660	MO	5	OY	FE	RD	40	30	10	10	F	10	10	10	F	30	0.6	1.5	11	5	677	1.87									
11L	758093	20	516560	5108400	GE	40	100	NM	FA	SL	FE	CL	BR	40	30	10	10	F	33	0.7	2.2	8	8	858	1.95									
11L	758094	20	513410	5107960	GE	5	20	LO	SN	ST	OG	YL	BR	20	40	20	10	F	67	1.0	2.3	14	8	555	3.78									
11L	758095	20	514400	5112140	GE	20	20	NM	FA	ST	FE	CL	BR	10	60	10	10	F	35	0.7	2.0	6	12	551	1.53									
11L	758096	20	517450	5111050	LO	5	20	NM	MO	ST	OG	CL	BR	40	20	20	10	F	35	0.6	1.7	6	12	423	1.61									
11L	758097	20	519710	5112300	LO	30	40	NM	MO	ST	FE	RD	BR	20	50	10	10	F	30	0.6	1.6	6	6	615	1.43									
11L	758098	20	523300	5112500	GE	30	40	NM	SM	ST	FE	CL	BR	10	30	30	10	F	28	0.7	2.4	7	8	858	1.79									
11L	758099	20	523450	5110330	GE	35	60	NM	FA	SL	FE	CL	BR	40	40	10	10	F	41	0.6	3.8	9	11	2000	3.21									
11L	758100	20	520930	5108240	LO	35	40	NM	FA	ST	FE	CL	BR	40	40	20	20	F	50	0.8	2.4	9	11	1314	2.34									
11L	758101	20	526750	5111000	GE	60	40	NM	SM	ST	FE	CL	BR	20	40	20	10	F	34	1.3	2.2	10	11	681	1.98									

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MAP	ID	UTM COORDINATES		R E L F	WTH	DTH	L E V	R A T I O	P E R C E N T	S E D I M E N T C O M P O S I T I O N %	S A L I N I T Y	O G I T A L	U N	U F	Z N	C U	P B	M N	F E		
		ZN	EAST																	NORTH	
11L	758102	20	531070	5112220	LO	15	30	NM	MO	ST	FE	CL	BR	40	40	10	8	71	931	1.71	
11L	758103	20	529480	5113820	LO	30	30	NM	MO	ST	FE	CL	BR	10	10	30	9	67	498	2.08	
11L	758104	20	536100	5115990	LO	25	10	NM	MO	ST	FE	CL	BR	40	30	20	8	39	979	2.28	
11L	758105	20	508680	5121030	LO	7	20	LO	SN	ST	OG	OR	RD	10	10	20	9	67	789	2.15	
11L	758106	20	504380	5119140	LO	5	0Y							70	20	F	10	86	874	1.92	
11L	758107	20	502680	5120400	LO	10	30	NM	MO	ST	OG	YL	WH	30	30	F	6	32	686	1.73	
11L	758108	20	501710	5118160	LO	80	100	NM	SN	ST	OG	YL	WH	10	10	40	8	68	498	2.13	
21I	756060	20	422400	5137740	LO	18	42	NM	SM	ST	NN	CL	BR	10	60	20	10	89	1208	2.57	
21I	756061	20	419430	5140140	LO	17	50	NM	MO	SL	NN	CL	BR	10	60	10	10	98	1368	2.79	
21I	756062	20	422580	5141320	LO	43	42	NM	SM	ST	NN	CL	BR	10	50	20	22	66	459	1.99	
21I	756063	20	422480	5144720	LO	59	25	NM	SM	ST	NN	BK	DB	40	10	40	32	707	2.00		
21I	756071	20	420550	5145860	LO	7	25	NM	SM	ST	NN	CL	BR	10	10	60	10	57	888	1.72	
21I	756072	20	418510	5148180	LO	25	43	NM	MO	SL	NN	CL	BR	10	20	30	12	56	594	2.31	
21I	756073	20	416120	5147600	LO	10	30	NM	SM	ST	NN	CL	BR	10	30	20	23	712	2.52		
21I	756074	20	417170	5144400	LO	10	30	NM	SM	ST	NN	CL	BR	30	20	20	13	73	676	2.09	
21I	756075	20	418480	5142610	LO	7	30	NM	SM	ST	NN	CL	BR	70	20	F	14	70	350	1.88	
21I	757012	20	422830	5150500	LO	75	15	NM	SM	ST	NN	CL	BR	20	20	30	15	89	1134	2.69	
21I	757013	20	423000	5152810	GE	175	7	NM	MO	SL	NN	CL	BR	30	30	30	29	546	3.05		
21I	757014	20	417440	5152420	LO	125	12	NM	MO	SL	NN	CL	BR	20	20	40	10	61	670	2.41	
21I	757015	20	418640	5154580	GE	550	100	NM	MO	SL	NN	CL	BR	10	20	10	50	77	17	717	2.21
21I	757016	20	420040	5157360	LO	150	50	NM	MO	SL	NN	CL	BR	20	30	20	10	65	16	457	1.99
21I	757017	20	420040	5157360	LO	150	50	NM	MO	SL	NN	CL	BR	20	30	20	10	78	22	819	1.78
21I	757018	20	423440	5163920	GE	150	6	NM	MO	SL	NN	CL	RD	50	20	20	30	96	546	3.05	
21I	757019	20	419520	5168840	LO	150	20	NM	MO	SL	NN	CL	BR	10	20	30	30	57	19	763	2.98
21I	757020	20	422500	5171800	LO	75	15	NM	MO	SL	NN	CL	RD	40	30	10	10	108	2560	2.43	
21I	757021	20	415080	5170420	GE	50	7	NM	MO	SL	NN	CL	BR	10	40	20	10	42	443	1.74	
21I	757022	20	411760	5171500	LO	600	100	HG	MO	SL	NN	RD	BK	20	10	60	7	55	558	1.64	
21I	757023	20	406460	5173740	FL	250	50	HG	MO	SL	NN	RD	RD	10	10	20	10	143	106	2489	3.88
21I	757024	20	406340	5176240	GE	500	200	FD	FA	MO	NN	RD	RD	10	40	20	18	76	33	735	2.76
21I	757025	20	411420	5176540	GE	200	75	HG	FA	SL	NN	RD	RD	10	30	40	16	44	16	412	1.23
21I	757026	20	416262	5168830	GE	200	50	NM	MO	SL	NN	CL	BR	10	20	30	19	76	21	514	2.61
21I	757051	20	415060	5164280	LO	90	6	NM	MO	SL	NN	CL	BR	10	20	30	23	62	406	2.63	
21I	757052	20	413790	5163420	LO	200	7	NM	MO	SL	NN	CL	BR	10	10	20	10	111	498	2.02	
21I	757053	20	409420	5165640	LO	8	3	NM	MO	SL	NN	CL	BR	10	10	20	17	2211	2211	2.31	
21I	757054	20	409170	5167350	LO	200	75	NM	MO	SL	NN	RD	BR	20	10	10	22	740	463	2.84	
21I	757055	20	409070	5163550	LO	150	70	NM	MO	SL	NN	CL	BR	20	20	10	13	68	18	463	2.75
21I	757056	20	405560	5165110	LO	250	50	NM	SM	ST	NN	CL	BK	10	10	30	15	63	1190	2.43	
21I	757057	20	407000	5171120	LO	300	70	NM	MO	ST	NN	CL	RD	10	30	20	15	71	470	2.39	
21I	757058	20	415700	5174560	LO	200	50	NM	MO	SL	NN	CL	BR	10	20	30	8	49	516	1.78	
21I	757059	20	414460	5172640	LO	200	60	NM	MO	ST	NN	CL	BR	10	30	20	9	57	361	1.94	
21I	757060	20	421440	5166160	LO	20	3	LO	SM	ST	NN	CL	DB	10	20	30	14	52	635	1.86	
21I	757061	20	419920	5163420	LO	600	100	NM	MO	SL	NN	CL	BR	20	30	20	12	60	28	632	2.34
21I	757063	20	402080	5174820	GE	200	20	LO	FA	ST	NN	CL	BR	20	10	10	14	73	22	568	2.44
21I	757064	20	397940	5173910	LO	70	20	NM	MO	SL	NN	CL	RD	20	30	20	18	55	1560	2.00	
21I	757065	20	397670	5177360	GE	100	25	NM	MO	SL	NN	CL	RD	10	30	30	12	55	14	540	2.42
21I	757066	20	394520	5176020	GE	250	5	NM	MO	SL	NN	CL	BR	20	10	20	10	76	17	642	2.13
21I	757067	20	392360	5171300	GE	300	60	NM	SM	ST	NN	CL	BK	30	20	40	19	76	52	1000	2.63
21I	757068	20	396510	5171000	GE	250	40	NM	MO	SL	NN	CL	BR	10	10	10	17	86	24	1240	2.40
21I	757069	20	402260	5169820	GE	100	8	NM	SM	SL	NN	CL	BR	30	30	30	20	49	20	621	2.27
21I	757070	20	401930	5165800	GE	999	90	NM	SM	ST	NN	CL	BK	20	40	30	10	52	17	411	1.87
21I	757070	20	401930	5165800	GE	999	90	NM	SM	ST	NN	CL	BK	20	40	30	26	99	23	509	3.01

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MAP	ID	UTM COORDINATES		R	E	L	F	WTH	DTH	L	E	V	L	R	T	P	W	S	C	O	O	C	B	R	S	A	L	S	OG	I	U	N	UF	ZN	CU	PB	MN	FE
		ZN	EAST																																			
21I	757071	20	399800	5165960	LO	50	10	NM	MO	ST	NN	CL	BR	20	40	30	F	2.5	0.7	79	17	20	779	2.43														
21I	757072	20	399140	5166020	GE	30	3	NM	SW	ST	NN	CL	BK	20	40	30	F	10.5	4.8	53	10	16	436	3.03														
21I	758109	20	414970	5185300	LO	5	20	LO	SW	ST	FE	RD	BR	50	30	10	F	2.6	1.0	103	12	21	1053	2.35														
21I	758110	20	412470	5185420	LO	20	40	NM	MO	ST	FE	RD	BR	10	30	40	10	F	2.6	1.0	41	8	11	494	1.77													
21I	758111	20	413750	5187140	LO	40	20	NM	MO	ST	FE	RD	BR	60	30	60	F	2.5	0.9	37	6	7	626	2.00														
21I	758112	20	413680	5190700	LO	15	20	LO	SW	ST	FE	CL	BR	10	70	10	F	1.6	0.7	37	6	7	567	1.32														
21I	758113	20	410400	5189330	LO	40	60	NM	SW	ST	FE	CL	BR	80	20	20	F	3.4	1.2	61	9	20	976	2.75														
21I	758114	20	407830	5188740	LO	15	30	LO	SW	ST	FE	OR	BR	10	60	20	F	3.1	0.9	83	15	17	1885	3.34														
21I	758115	20	408800	5186690	LO	7	20	LO	SN	ST	FE	OR	BR	10	10	10	F	2.6	0.9	60	12	14	829	2.60														
21I	758116	20	406750	5183610	LO	10	30	NM	MO	ST	FE	RD	BR	40	20	30	F	6.1	3.2	131	12	11	954	2.29														
21I	758117	20	404330	5186650	LO	45	70	NM	SW	ST	FE	CL	BR	30	30	30	F	5.7	2.4	103	18	20	1366	3.18														
21I	758118	20	400400	5182410	FL	35	50	NM	FA	ST	FE	CL	BR	40	50	50	F	3.6	1.4	55	10	9	986	2.03														
21I	758119	20	396650	5178750	FL	25	70	NM	FA	ST	FE	CL	BR	10	20	30	20	F	2.3	1.0	53	9	11	642	1.87													
21I	758120	20	401310	5180370	LO	10	20	NM	MO	ST	FE	CL	BR	10	20	20	10	F	3.5	1.3	90	13	14	1808	2.78													
21I	758121	20	405020	5181230	LO	20	10	NM	SW	ST	FE	OR	BR	10	40	20	20	F	2.1	1.0	77	13	16	632	2.47													
21I	758122	20	407600	5180210	LO	25	40	NM	SW	ST	OG	RD	BR	30	30	30	F	2.4	1.0	82	8	12	908	2.12														
21I	758123	20	409420	5179340	LO	6	30	NM	MO	ST	FE	CL	BR	20	30	20	10	F	2.1	1.0	40	8	14	552	1.84													
21I	758124	20	410740	5181180	LO	70	30	NM	MO	ST	OG	CL	BR	20	30	20	20	F	2.5	1.2	42	7	9	421	1.88													
21I	758125	20	413460	5182670	LO	35	60	NM	SW	ST	FE	CL	BR	20	40	10	10	F	2.1	1.1	30	6	8	480	1.55													
21I	758126	20	419620	5182330	LO	10	10	NM	SW	ST	FE	CL	BR	60	20	20	10	F	1.8	1.0	39	6	10	402	1.35													
21I	758127	20	420220	5191080	LO	22	30	NM	MO	ST	FE	CL	BR	20	10	50	20	F	2.3	1.0	29	6	8	517	1.25													
21I	758128	20	422710	5191060	LO	40	60	NM	MO	SL	FE	CL	BR	10	40	20	20	F	2.6	1.2	55	6	8	559	1.16													
21I	758129	20	423740	5195050	LO	7	30	NM	MO	ST	FE	CL	BR	10	20	40	20	F	2.7	1.2	77	17	21	838	3.64													
21I	758130	20	420530	5195830	LO	25	50	NM	MO	ST	FE	CL	BR	70	10	10	10	F	1.7	0.9	35	6	7	393	1.08													
21I	758131	20	419510	5198660	LO	20	10	NM	SW	ST	FE	RD	BR	10	50	20	10	F	2.3	0.7	72	9	16	2531	2.16													
21I	758132	20	417440	5198400	LO	25	30	NM	MO	ST	FE	CL	BR	10	90	90	F	2.7	1.0	38	6	12	671	1.96														
21I	758133	20	423030	5201580	LO	20	30	NM	MO	ST	FE	CL	BR	80	10	10	F	3.4	1.2	94	11	14	1777	1.88														
21I	758135	20	421450	5203160	FL	2	2	LO	SW	ST	FE	CL	BR	80	10	10	F	1.7	0.6	28	5	10	328	0.92														
21I	758136	20	417240	5191850	GE	60	40	NM	MO	ST	FE	CL	BR	80	10	10	F	2.4	1.0	34	7	11	559	2.16														
21I	758137	20	417080	5203170	FL	20	300	NM	MO	ST	OG	CL	BR	10	10	40	30	F	2.8	1.2	79	17	12	786	3.11													
21I	758138	20	414790	5201410	FL	35	50	NM	SN	ST	OG	RD	BR	10	30	40	10	F	4.4	1.8	111	18	19	1777	3.58													
21I	758139	20	411930	5198050	LO	15	40	NM	MO	ST	FE	CL	BR	20	40	20	10	F	3.3	1.0	99	15	18	1054	3.33													
21I	758140	20	414360	5198400	LO	3	10	LO	MO	ST	FE	CL	BR	30	30	30	F	2.7	1.0	71	10	14	1098	3.21														
21I	758141	20	415130	5195740	LO	10	30	NM	SW	ST	FE	OR	BR	80	10	10	F	2.6	1.0	55	8	14	549	1.57														
21I	758142	20	407140	5192100	LO	45	50	NM	MO	ST	FE	CL	BR	80	10	10	F	3.2	1.3	69	10	14	1039	2.70														
21P	758134	20	421680	5205050	FL	5	10	NM	MO	ST	FE	CL	BR	90	90	90	F	1.7	0.8	28	6	11	966	1.84														