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RECONNAISSANCE GEOCHEMICAL DATA FOR
TILL AND OTHER SURFICIAL SEDIMENTS,
FRONTENAC ARCH AND SURROUNDING AREAS,
ONTARIO

by

I.M. Kettles and W.W. Shilts

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INTRODUCTION

In 1980, the Geological Survey of Canada began a program of systematic till sampling on the Frontenac Arch and adjacent areas of southeastern Ontario (Figure 1). In this report, the initial results of analyses for heavy metals are presented. The primary objective of the sampling was to map those chemical and mineralogical components in the overburden that are related to sensitivity of the terrain to the effects of Acid Rain. However, much of the information obtained from this study can be used as an aid to mineral exploration in the area.

GEOLOGICAL SETTING

The bedrock of the Frontenac Arch comprises a variety of lithologies including granite, gneiss, metavolcanic rock, and belts of metasedimentary clastic and carbonate rock. Also included in the study area are the quartzo-feldspathic gneisses of the Ontario Gneiss Belt to the west and Paleozoic sedimentary rocks that flank the arch on its northeastern and southern sides.

Predominant ice flow direction during the Wisconsin was from the northeast. The Precambrian highlands are covered by a discontinuous blanket of till, while the valleys are filled with till covered by or reworked into outwash, esker, or ice contact gravels. Along the Ottawa and St. Lawrence River Valleys there are extensive deposits of marine silty clay and, in the latter valley, lacustrine silty clay.

PROCEDURES

Samples were collected from road and stream cuts and also from sand and gravel pits. Care was taken to sample below signs of frost disturbance to assure that the sample was uncontaminated. In nearly all cases samples were collected below the post-glacial solum, although some samples were collected in profile from unweathered glacial sediment up through the solum developed on it. Where possible samples were taken every 3-5 sq. km. However, the sampling density

varied and was controlled largely by the degree of road access. Sample density averaged about one sample per 23 sq. km with samples being collected from nearly 1500 sites over a total area of 35,000 sq. km. Wherever possible till was collected because as well as being the most common glacial deposit, it is the first derivative of bedrock. Along the Ottawa and St. Lawrence River Valleys marine and, more rarely, lacustrine sediments were sampled.

In this study the clay-sized ($<2\ \mu\text{m}$) fraction of the till was selected for trace element analyses because 1) this fraction is most sensitive to alteration by weathering processes; 2) it is known to reflect mineralization (Shilts, 1975b); and 3) concentrations of trace elements are greater in this fraction than in coarser ones (Shilts, 1975). Clay separated by centrifugation was analyzed by Bondar-Clegg Ltd. for Cu, Pb, Zn, Co, Ni, Ag, Cr, Mo, Cd, Fe, Mn, and Hg using standard atomic absorption techniques after treatment with a hot ($\text{HNO}_3\text{-HCl}$) leach. As and U were analyzed using colourimetric and fluorimetric techniques, respectively.

To provide some idea of buffering capacity, the carbonate content of the samples collected was determined by a two step process using the Leco Carbon Analyzer. The sample was burned twice at high temperatures – once untreated and once after treatment with hydrochloric acid. Each time the amount of carbon dioxide evolved was measured. The portion from the "HCL"-treated run is thought to represent the non-carbonate carbon such as graphite, Quaternary or modern plant detritus and other organic compounds. The difference between the two values is converted to the CaCO_3 equivalent, calculated as if all carbon were derived from calcite.

Calcium carbonate equivalent was determined on the silt plus clay-sized fraction ($<.063\ \text{mm}$) of all till and fine grained water-laid sediments; and on the fine sand ($>.125\ \text{mm} <.25\ \text{mm}$) fraction for all samples collected in 1980. Although the carbonate minerals tend to occur in the silt-size portion of the till matrix (Dreimanis and Vagners, 1971), the entire silt plus clay-sized fraction was analyzed because it is very difficult and time consuming to remove all clay from the silt-sized fraction. The fine sand fraction was chosen because it is the finest fraction common to both till and coarse-grained ice-contact gravel and sand. This duplication was carried out (1) to see whether the finer fractions were being preferentially leached in the near-surface environment, and (2) to establish the relationships of carbonate concentration between the two fractions. When these relationships are understood, the carbonate analyses of sand from coarse grained

ice contact sands and gravel should locally be a good measure of the buffering capacity of nearby till which is present, but poorly exposed for sampling.

The grain size composition of the <2 mm fraction was determined using standard sieve and hydrometer procedures. With increased concentrations of fine grained material in the overburden, the internal surface area of the sediment is augmented. This, in turn, increases the potential for reaction, under the appropriate eH conditions, with ground or surface waters containing abnormal concentrations of protons.

RESULTS

Trace Element Analyses

Results of trace element analysis are presented in the Data List and are explained in the Data List Legend. Statistical information for representative samples from all sites is included at the end of the Data List.

Before data for those samples with high levels of trace elements can be interpreted, it is first necessary to decide whether high values reflect the mineralogical composition of the till or are an artifact of weathering. An attempt was made to sample unoxidized till but because drift is thin and discontinuous over much of the Frontenac Arch, this was not always possible. High levels of one or more trace elements such as Pb, Mo, Fe, Mn, and Ag accompanied by high levels of iron (>8.5%) and manganese (>2500 ppm) most likely indicate the presence of secondary alteration products in the clay-sized fraction of the sample (Shilts, 1973). High concentrations of these elements are particularly associated with sand and gravel samples because much of their clay-sized component consists of material formed by post depositional weathering of primary minerals.

Table 1 lists selected results from among the upper percentile of concentrations for each element analyzed. Samples that were observed in the field to have obvious signs of severe post glacial weathering or to be gravel or sand and samples with chemical signatures indicating that they have been subjected to severe weathering were excluded from this list.

On a regional scale, many of the sites with high levels (i.e. in the upper 10 percentile) of various elements (Cr, Co, As, Pb, Ni, Cd, Zn, Mo and Fe) in till are associated with the northeast-southwest striking belts of metasedimentary and metavolcanic rocks in the Frontenac Arch, especially in the eastern part.

Five areas of the Frontenac Arch where samples have consistently higher contents of the elements are listed below.

- (1) south Conoto Township, north of Ompah – U, Cr, Co, Pb, As, Cd, Ni, Cu, Mn, Fe, Zn;
- (2) southeastern Sherbrooke North and southern Dalhousie Townships from Elphin to McDonald Corners – Co, Cr, As, Ni, Cd, Mo, Mn, Fe, Zn;
- (3) southern Olden and Oso and northern Hinchinbrooke and Bedford townships from Sharbot Lake south to Tichborne – Co, Ni, Cr, Zn, As, Cd, Mo, Mn, Fe;
- (4) northern Lavant and southwest Darling townships near Flower Station – Cr, Co, As, Cd, Mn, Fe, Zn;
- (5) area northeast of Galetta – Zn

Outside the Frontenac Arch, to the west, two areas are (1) Barry's Bay region – Cu and (2) Apsley region – U.

In these and other areas, anomalous concentrations are sometimes related to known or possible mineralization. Sites with anomalous arsenic values, for example, clearly outline those metasedimentary and metavolcanic belts that have yielded arsenical gold in the Madoc-Kaladar-Clyde Forks region – the original gold mining belt in Ontario.

Carbonate Analyses

The carbonate content of till on the eastern part of the Frontenac Arch is greater than it is to the west. When we began this work we assumed that till derived from marble belts of the Frontenac Arch would be enriched in carbonate. However, the northeast-southwest trending pattern of carbonate enrichment, found for both fractions, largely reflects southwestward glacial transport onto the Canadian Shield of debris derived from Paleozoic rocks found to the northeast of the Frontenac Arch. This is suggested by carbonate concentrations that generally exceed those of till known to be lying directly on marble and by the high frequency of Paleozoic erratics in the till of the eastern part of the Frontenac Arch. Because Paleozoic limestone and dolomite are soft, thin bedded, and jointed in outcrops, clasts are more easily plucked and incorporated into the basal load of a glacier than the harder, coarse-grained massive marble.

Grain Size Analyses

Till is the most common surface deposit over the study area and is generally very sandy, 800 samples averaging 67% sand, 26% silt, and 7% clay. The uppermost deposits along the St. Lawrence and Ottawa River valleys are lacustrine and marine silty clays which average 9% sand, 32% and 59% clay (37 samples).

The data obtained from this study should provide useful background information for environmental geochemistry studies, such as those pertaining to natural geochemical variation in soils, vegetation, and lakes. Areas with anomalous levels of trace elements in till also may be possible target areas for mineral exploration.

REFERENCES

- Shilts, W.W. 1973. Drift prospecting; geochemistry of eskers and till in permanently frozen terrain: District of Keewatin; Northwest Territories; Geological Survey of Canada Paper 72-45.
- Shilts, W.W. 1975. Principles of geochemical exploration for sulphide deposits using shallow samples of glacial drift. Canadian Mining and Metallurgical Bulletin, v. 68, no. 757, p. 73-80.
- Dreimanis, A. and Vagners, V.J., 1971. Bimodal distribution of rock and mineral fragments in basal tills; in Till: A Symposium, ed., P. Goldthwait, Ohio State University Press, p. 237-250.

Table 1. Trace element levels of selected samples.

Element	Number	PPM	Element	Number	PPM
Cu	80AR 0539	850	Co	81KAR0329	138
	80AR 0538	762		81SAR 0149	96
	80AR 0256	675	Ni	80AR 0109	950
	80AR 0304	620		81KDA0027	625
	81SAR0325	585		80AR 0124	550
	81SAR0129	565		81KAR0329	400
	81SAR0338	525		80AR 0304	375
	81KAR0138	520		81KAR0007	340
Pb	81KAR0138	162		81KAR0369	278
	81KAR0086	80		81KAR0069	200
	81KAR0206	70		81KDA0065	200
Zn	81SAR0113	1800		81KAR0070	175
	81KAR0138	1245	Ag	80AR 0377	170
	81KAR0081	1190		80AR 0778	170
	81SAR0299	1050		81KAR0443	1.6
	81KAR0086	930		80AR 0686	1.1
	80AR 0476	900		81KAR0179	1.0
	81KAR0084	840		80AR 0118	.9
	80AR 0283	725		80AR 0399	.9
	80AR 0430	725		81KDA0003A	.8
	80SAR0042	700		81KAR0540	.7
	81KAR0309B	680		81SAR0198	.7
	81KAR0316	560		81SAR0281	.7
Cr	80AR 0109	850		80AR 0458	.7
	80AR 0124	775	Mo	81KAR0460	18
	81KDA0065	400		81KAR0572A	18
	80AR 0377	370		81KAR0072	16
	81KDA0027	335		80AR 0377	15
	81KAR0070	200		81KAR0097	12
	81KDA0063	200		81KAR0268	11
	81KAR0007	183		81KDA0004C	11
	80AR 0337	180	Mn	81KAR0155	7600
	80KDA0064	176		81KAR0041	5900
	80SAR0152	172	Cd	80AR 0076	13.0
U	81KAR0133	176		80AR 0140	10.5
	81KAR0136	176		81KAR0022B	7.0
	80AR 0283	85		80AR 0019	6.0
	81KAR0048	50		81KAR0138	4.5
	80AR 0420	43		81KAR0029	3.5
	81KAR0540	38		80SAR0042	2.4
	81KAR0134	35	Element	Number	PPB
	81KAR0126	26		81KAR0408	1525
	81KAR0783	26		81KAR0155	845
	81KAR0452	24		81KAR0048	575
	80AR 0119	22		81KAR0440A	570
	80AR 0463	22		81KAR204	540
	81KAR0772	22		81KAR0285	540
	80AR 0772	430	Hg	81KAR0408	1525
As	81KAR0166	370		81KAR0155	845
	81KAR0090	235		81KAR0048	575
	81KAR0087	200		81KAR0440A	570
	81KAR0210A	77		81KAR204	540
				81KAR0285	540

Data List Legend – Trace Elements

Columns	Category	Explanation
1-5	MAP	National Topographic System (NTS) - Lettered Quadrangle (Scale 1:50,000)
7-16	ID	Sample Number – year (2), grid (3) and number (4)
19-35	UTM COORDINATES	Universal Transverse Mercator (UTM) co-ordinate system
19-20	ZN	Zone
22-27	EAST	Easting (metres)
29-35	NORTH	Northing (metres)
37-40	SAMP TYPE	Sample Type
37	Type of Material	<p>T - till</p> <p>F - ice contact and outwash sand and/or gravel</p> <p>M - marine silt and/or clay</p> <p>L - lacustrine silt and/or clay</p> <p>C - colluvium</p> <p>A - aeolian deposit (loess)</p> <p>D - diamicton</p>
38	Quality of sample	P - poor sample
39	Representativity of sample	<p>1 - most representative sample for site</p> <p>0 - other or a non representative sample for site</p>
40	Sampling at site	<p>0 - only sample at site, or where more than one at site, not from same stratigraphic sequence</p> <p>1 - part of sampling profile through one or more types of material.</p>

Data List Legend - Trace Elements (cont.)

Columns	Category	Explanation
42-46	SAMP DEPTH	Sampling depth in metres from surface. No sample depth indicates exposure < 2m.
48-51	BDRK TYPE	Underlying bedrock type (as noted in the field or from bedrock maps available to 1982)
		AMPB - amphibolite DLMT - dolomite DORT - diorite GBBR - gabbro GNSS - gneiss GRAN - granodiorite GRNT - granite LMST - limestone MAFR - mafic rock MCGL - metaconglomerate MNZN - monzonite MRBL - marble MSDM - metasedimentary (undifferentiated) MVCC - metavolcanic NESS - Nepean sandstone NPLS - nepheline syenite QRTZ - quartzite SDST - paleozoic sandstone SYNT - syenite
52-57	CU PPM	Copper by atomic absorption spectroscopy (ppm) (NA-not analyzed) *1 **.5
58-62	PB PPM	Lead by atomic absorption spectroscopy (ppm) 2 1
63-68	ZN PPM	Zinc by atomic absorption spectroscopy (ppm) 1 .5
69-73	CO PPM	Cobalt by atomic absorption spectroscopy (ppm) 1 .5

Data List Legend -- Trace Elements (cont.)

Columns	Category	Explanation
74-78	NI PPM	Nickel by atomic absorption spectroscopy (ppm) 2 1
79-84	AG PPM	Silver by atomic absorption spectroscopy (ppm) .1 .05
85-89	CR PPM	Chromium by atomic absorption spectroscopy (ppm) 2 1
90-96	U PPM	Uranium fluorimetrically (ppm) .1 .05
97-101	MO PPM	Molybdenum by atomic absorption spectroscopy (ppm) 1 .5
102-108	MN PPM	Manganese by atomic absorption spectroscopy (ppm) 1 .5
109-114	FE PCT	Iron by atomic absorption spectroscopy (percent) .1 .05
115-120	CD PPM	Cadmium by atomic absorption spectroscopy (ppm) .2 .1
121-127	AS PPM	Arsenic colourimetrically (ppm) 2 1
128-132	HG PPB	Mercury by atomic absorption spectroscopy 5 2

* Detection Limit

** Value assigned when below detection limit.

Data List Legend – Grain Size Composition and Carbonate Content

Columns	Category	Explanation
1-5	MAP	National Topographic System (NTS) - Lettered Quadrangle (Scale 1:50,000)
7-16	ID	Sample Number – year (2), grid (3) and number (4)
19-35	UTM COORDINATES	Universal Transverse Mecator (UTM) co-ordinate system
19-20	ZONE	Zone
22-27	EAST	Easting (metres)
29-35	NORTH	Northing (metres)
37-41	SAMP TYPE	
37	Type of material	<p>T - till</p> <p>F - ice contact and outwash sand and/or gravel</p> <p>M - marine silt and/or clay</p> <p>L - lacustrine silt and/or clay</p> <p>C - colluvium</p> <p>A - aeolian deposit (loess)</p>
38	Oxidation state	<p>U - unoxidized</p> <p>O - oxidized</p> <p>N - not determined</p> <p>M - mottled</p> <p>G - gleyed</p>
39	Quality of sample	P - poor sample
40	Representivity of sample	<p>1 - most representative sample for site</p> <p>0 - other or a non representative sample for site</p>
41	Sampling at site	<p>0 - only sample at site, or where more than one at site, not from same stratigraphic sequence</p> <p>1 - part of sampling profile through one or more types of material.</p>

Data List Legend - Grain Size Composition and Carbonate Content (cont.)

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Columns	Category	Explanation
42		Sample position at site 1 - younger 2 - older, etc.
44-48	SAMP DEPTH	Depth of sample from surface in metres
50-53	BDRK TYPE	Underlying bedrock type (as noted in the field or from bedrock maps available to 1982) AMPB - amphibolite DLMT - dolomite DORT - diorite GBBR - gabbro GNSS - gneiss GRAN - granodiorite GRNT - granite LMST - limestone MAFR - mafic rock MCGL - metaconglomerate MNZN - monzonite MRBL - marble MSDM - metasediment MVCC - metavolcanic NESS - Nepean sandstone NPLS - nepheline syenite QRTZ - quartzite SDST - sandstone SYNT - syenite
55-80	SILT PLUS CLAY - SIZED FRACT	Less than .063 mm fraction
57-70	%NON-CARBONATE CARBON	percent non-carbonate carbon in <.063 mm fraction (NA = not analyzed)
74-79	%CaCO ₃ EQUIV	percent CaCO ₃ equivalent in <.063 mm fraction
86-105	FINE SAND-SIZED FRACT	<.25 mm->.125 mm fraction
85-97	%NON-CARBONATE CARBON	percent non-carbonate carbon in <.063 mm->.125 mm fraction

Data List Legend - Grain Size Composition and Carbonate Content (cont.)

Columns	Category	Explanation
101-106	%CaCO ₃ EQUIV	percent calcium carbonate equivalent in <.063 mm->.125 mm fraction
114-130	L.T. 2 mm FRACTION	<2 mm fraction
112-117	%SAND	percent sand (<2 mm >.063 mm) in <2 mm fraction
120-126	%SILT	percent silt (<.063 mm >.004mm) in <2 mm fraction
128-132	%CLAY	percent clay (<.004 mm) in <2 mm fraction

DATA SET

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	SAMP	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31805	81SAR	61	18	421360	4921675	VU	10	42.	8.	132.	14.	38.	.20	58.	.40	.5	51C.	4.10	.10	3.0	10.
31805	81SAR	62	18	423450	4924700	VO	10	35.	4.	141.	16.	44.	.05	82.	1.00	5.0	42C.	4.30	.10	3.0	40.
31805	81SAR	67	18	424050	4925400	F	10	84.	12.	170.	29.	49.	.30	44.	.90	10.0	93C.	4.20	.10	11.0	NA
31805	81SAR	68	18	422300	4917400	VMP	10	45.	4.	124.	16.	40.	.50	66.	.50	4.0	71C.	4.50	.10	4.0	15.
31805	81SAR	69	18	422900	4916575	VM	10	47.	7.	132.	15.	46.	.05	69.	.90	4.0	46S.	4.60	.10	3.0	20.
31805	81SAR	70A	18	426340	4919575	F	11	113.	28.	116.	55.	70.	.70	86.	.50	6.0	262A.	5.00	.10	12.0	20.
31805	81SAR	70B	18	426340	4919575	V	01	72.	20.	124.	12.	35.	.50	42.	.50	4.0	69C.	5.20	.10	6.0	45.
31805	81SAR	70C	18	426340	4919575	V	01	45.	6.	112.	13.	38.	.05	60.	.50	6.0	530.	4.20	.10	4.0	10.
31805	81SAR	71	18	428050	4922000	V	10	40.	5.	108.	16.	38.	.40	60.	.50	4.0	55C.	4.10	.10	4.0	20.
31805	81SAR	72	18	428000	4918000	VO	10	38.	26.	89.	25.	39.	.40	77.	5.60	4.0	3560.	5.40	.10	10.0	175.
31805	81SAR	73	18	424280	4917600	VO	10	49.	8.	120.	14.	38.	.50	62.	.50	4.0	69C.	4.60	.10	4.0	10.
31812	81SAR	88	18	438700	4935650	VO	10	49.	10.	128.	16.	46.	.05	62.	.50	6.0	580.	4.50	.10	4.0	10.
31812	81SAR	89	18	438720	4936650	TU	112	45.	10.	69.	7.	25.	.50	30.	.70	6.0	620.	2.40	.10	6.0	15.
31812	81SAR	89A	18	438720	4936650	TU	011	63.	12.	95.	11.	33.	.40	30.	.50	8.0	73C.	3.10	.10	9.0	25.
31812	81SAR	90	18	438100	4936000	VO	10	39.	6.	140.	19.	46.	.05	71.	1.30	6.0	60C.	4.50	.10	2.0	15.
31812	81SAR	91	18	441250	4937075	TU	10	46.	18.	76.	14.	38.	.40	43.	1.00	6.0	1025.	3.50	.10	8.0	30.
31812	81SAR	92	18	429750	4928500	VO	10	52.	7.	128.	14.	43.	.40	77.	.70	6.0	600.	4.30	.10	5.0	15.
31812	81SAR	93	18	430800	4935050	TU	10	40.	10.	58.	10.	23.	.05	28.	.80	9.0	885.	1.90	.10	6.0	25.
31812	81SAR	94	18	433400	4939780	VO	10	49.	4.	128.	12.	40.	.05	86.	.50	6.0	36C.	4.20	.10	2.0	30.
31812	81SAR	95	18	431950	4941850	TU	10	42.	5.	79.	8.	20.	.05	30.	1.00	8.0	580.	3.50	.10	4.0	20.
31812	81SAR	96	18	428130	4933720	VO	10	45.	4.	136.	14.	43.	.05	84.	.40	4.0	38C.	4.20	.10	3.0	25.
31812	81SAR	97	18	422540	4933800	VO	10	42.	4.	116.	12.	36.	.05	77.	.50	5.0	53C.	4.20	.10	3.0	10.
31C05	80AR	167	18	291214	4929594	TN	10	120.	12.	105.	17.	38.	.05	44.	.70	5.0	80C.	4.30	.50	18.0	120.
31C05	80AR	172	18	277926	4929155	TU	10	37.	7.	45.	12.	25.	.05	35.	.30	6.0	130C.	1.65	.60	4.0	135.
31C05	80AR	176	18	275738	4927258	FU	10	145.	18.	79.	27.	36.	.05	44.	.50	6.0	1850.	4.50	1.00	12.0	NA
31C05	80AR	177	18	275116	4925349	TN	11	120.	3.	53.	10.	23.	.05	32.	.30	6.0	70C.	2.00	.50	4.0	2.
31C05	80AR	179	18	269357	4925113	TN	10	64.	8.	77.	10.	24.	.05	28.	.50	5.0	60C.	2.05	.60	3.0	10.
31C05	80AR	512	18	294585	4929982	TU	00	58.	18.	103.	17.	40.	.05	58.	7.70	4.0	140C.	5.80	.10	26.0	NA
31C05	80AR	512A	18	294585	4929982	TU	00	60.	16.	145.	18.	38.	.05	40.	.50	4.0	95C.	5.20	.50	15.0	40.
31C05	80AR	512B	18	294585	4929982	TU	10	120.	12.	120.	19.	36.	.20	43.	.40	2.0	170C.	5.50	.30	22.0	NA
31C05	80AR	806	18	289475	4930563	TN	10	108.	12.	78.	21.	44.	.10	36.	.40	2.0	115C.	4.50	.20	22.0	105.
31C05	81KAR	143	18	268420	4928330	TN	10	33.	18.	66.	8.	26.	.05	28.	.30	6.0	620.	1.70	.10	4.0	30.
31C06	80AR	113	18	310168	4916926	TN	10	47.	10.	83.	11.	30.	.05	40.	1.00	4.0	650.	2.40	.50	4.0	25.
31C06	80AR	114	18	308832	4912417	TU	10	40.	10.	84.	10.	30.	.05	38.	.80	4.0	60C.	2.20	.50	2.0	10.
31C06	80AR	141	18	311220	4928394	TN	10	40.	7.	110.	10.	26.	.05	24.	.30	5.0	112S.	1.40	1.00	15.0	15.
31C06	80AR	142	18	312103	4927151	TN	10	145.	6.	85.	20.	48.	.05	48.	.80	3.0	1300.	4.15	.50	12.0	50.
31C06	80AR	143	18	311716	4926241	TN	10	85.	18.	79.	19.	50.	.05	46.	.50	4.0	150C.	3.40	.60	15.0	45.
31C06	80AR	144	18	314364	4924836	TU	10	38.	14.	107.	16.	39.	.05	44.	1.50	6.0	130C.	3.10	.90	10.0	115.
31C06	80AR	145	18	319255	4924426	TU	10	42.	40.	185.	22.	44.	.30	60.	1.50	4.0	310C.	5.75	1.50	22.0	250.
31C06	80AR	146	18	319082	4925817	TN	10	85.	8.	78.	13.	50.	.05	44.	.50	6.0	600.	3.05	.40	8.0	50.
31C06	80AR	147	18	320589	4925381	TU	10	70.	8.	40.	14.	36.	.30	35.	.60	3.0	55C.	2.00	.50	10.0	210.
31C06	80AR	165A	18	301325	4929251	FU	014	123.	14.	115.	19.	46.	.05	70.	1.00	3.0	125C.	5.25	.50	21.0	215.
31C06	80AR	165B	18	301325	4929251	FU	013	92.	19.	185.	22.	50.	.05	100.	1.20	5.0	110C.	6.95	.60	16.0	275.
31C06	80AR	165C	18	301325	4929251	CU	012	35.	28.	200.	17.	36.	.20	64.	1.00	4.0	280C.	5.80	1.10	24.0	NA
31C06	80AR	165D	18	301325	4929251	CU	011	75.	25.	155.	28.	45.	.05	64.	1.00	4.0	170C.	5.25	1.00	33.0	140.
31C06	80AR	165E	18	301325	4929251	R	00	60.	20.	145.	20.	45.	.20	63.	1.00	5.0	95C.	5.00	.80	21.0	155.
31C06	80AR	165F	18	301325	4929251	P	00	30.	38.	200.	18.	34.	.30	60.	.80	4.0	220C.	5.50	1.00	28.0	210.
31C06	80AR	184	18	315535	4929028	TN	10	27.	6.	32.	9.	22.	.05	22.	.30	7.0	1000.	1.05	.40	3.0	85.
31C06	80AR	812	18	319870	4926714	TN	10	79.	6.	54.	14.	38.	.20	32.	.30	1.0	1275.	3.30	.20	7.0	95.
31C07	80AR	80	18	369845	4911198	TU	114	55.	8.	83.	9.	34.	.05	32.	.80	7.0	50C.	2.25	.50	3.0	55.
31C07	80AR	80A	18	369845	4911198	TU	013	45.	10.	80.	10.	34.	.20	32.	.50	5.0	575.	2.20	.50	2.0	55.

CHIT BULK CLAV-SIZED EADCT CINE CAND-SIZED EADCT

MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	PO PPM	PN PPM	FE PCT	CD PPM	AS PPM	HG PPM
31C07	80AR	80B	18 369845	4911198	T0 012	1.00	LMST	46.	8.	84.	14.	36.	.20	42.	.60	8.0	70C.	2.90	.50	1.0	60.
31C07	80AR	80C	18 369845	4911198	T0 011	.50	LMST	53.	17.	130.	17.	55.	.40	80.	.90	2.0	100C.	5.75	.50	7.0	145.
31C07	80AR	81	18 373620	4919612	CMPI0	.50	LMST	23.	14.	80.	14.	40.	.05	55.	.80	2.0	575.	3.50	.20	2.0	85.
31C07	80AR	82	18 374436	4922427	CO 10	.50	MRBL	60.	7.	80.	23.	78.	.20	100.	1.00	3.0	500.	7.75	.10	3.0	90.
31C07	80AR	83	18 374362	4928183	T0 112	4.00	GRNT	140.	10.	225.	16.	53.	.05	70.	.80	5.0	85C.	6.25	.50	2.0	45.
31C07	80AR	83A	18 374362	4928183	T0 011	3.25	GRNT	148.	6.	220.	17.	60.	.05	88.	1.20	5.0	105C.	7.15	.20	3.0	145.
31C07	80AR	792	18 351133	4926746	T0 10		GRNT	103.	8.	93.	15.	40.	.10	38.	.60	5.0	980.	5.80	.30	6.0	NA
31C07	80AR	793	18 348759	4923705	T0 10		LPST	46.	15.	105.	13.	38.	.10	34.	.20	7.0	1025.	2.75	.50	6.0	NA
31C07	80AR	794	18 346764	4923100	TN 10		LMST	86.	6.	68.	11.	35.	.10	33.	.05	7.0	720.	3.20	.30	4.0	NA
31C07	80AR	795	18 346024	4922535	T0 10		LMST	74.	8.	109.	17.	44.	.05	55.	.30	8.0	80C.	4.20	.30	5.0	NA
31C07	80AR	797	18 343217	4928787	TN 10		LMST	24.	26.	49.	9.	38.	.05	30.	.05	3.0	62C.	2.15	.30	4.0	30.
31C07	81SAR	216	18 366780	4926350	T0 10		MRBL	230.	20.	195.	20.	34.	.40	62.	.05	4.0	200C.	6.30	.40	6.0	NA
31C07	81SAR	217	18 370125	4925125	TU 10		LMST	68.	10.	52.	12.	22.	.05	32.	.05	6.0	59C.	1.70	.30	8.0	NA
31C07	81SAR	219	18 371050	4919890	T0 10		MRBL	169.	17.	170.	35.	54.	.05	66.	.10	2.0	160C.	6.50	.50	7.0	NA
31C07	81SAR	220	18 379880	4922860	T0 10		GNSS	74.	17.	160.	14.	30.	.05	68.	.20	4.0	830.	4.30	.60	4.0	NA
31C07	81SAR	221	18 378710	4921550	TU 10		GNSS	68.	11.	132.	12.	36.	.05	65.	.70	4.0	805.	2.90	.30	5.0	NA
31C08	81SAR	45	18 399180	4924150	TOP10		MRBL	52.	9.	185.	18.	49.	.05	62.	.50	6.0	695.	4.30	.10	3.0	NA
31C08	81SAR	46	18 397780	4923830	FO 10		MRBL	74.	16.	245.	17.	55.	.05	52.	.30	5.0	645.	4.70	.10	8.0	45.
31C08	81SAR	47	18 391850	4921950	VM 10		GRNT	34.	4.	141.	16.	38.	.05	60.	.30	.5	540.	3.90	.10	2.0	30.
31C08	81SAR	48	18 394920	4927920	CO 10		GRNT	46.	6.	120.	14.	43.	.05	82.	1.00	4.0	330.	4.30	.10	3.0	NA
31C08	81SAR	53	18 409400	4910560	VO 10		GRNT	36.	8.	115.	14.	35.	.05	46.	.40	6.0	645.	3.50	.10	4.0	25.
31C08	81SAR	54	18 409480	4910550	VO 10		GRNT	49.	10.	123.	12.	33.	.05	46.	.30	4.0	520.	3.90	.10	7.0	40.
31C08	81SAR	55	18 408550	4915750	TU 10		MSUM	62.	12.	200.	16.	35.	.05	34.	.40	.5	52C.	3.80	.10	4.0	NA
31C08	81SAR	56	18 408250	4918730	T0 11	4.00	AMPB	76.	4.	110.	18.	39.	.05	30.	.30	.5	54C.	4.00	.10	5.0	NA
31C08	81SAR	56A	18 408250	4918730	T0 01	3.00	AMPB	74.	8.	97.	23.	46.	.05	32.	.30	.5	790.	4.70	.10	6.0	NA
31C08	81SAR	56B	18 408250	4918730	T0 01	2.25	AMPB	48.	6.	95.	16.	30.	.05	27.	.30	6.0	520.	3.40	.10	4.0	NA
31C08	81SAR	56C	18 408250	4918730	T0 01	1.75	AMPB	53.	6.	95.	16.	33.	.05	22.	.50	.5	48C.	3.10	.10	3.0	NA
31C08	81SAR	56D	18 408250	4918730	T0 01	1.00	AMPB	76.	8.	136.	21.	40.	.05	36.	1.00	.5	1155.	4.30	.10	6.0	NA
31C08	81SAR	57	18 408450	4916340	VM 10	1.00	GNSS	40.	4.	123.	16.	43.	.05	70.	.90	7.0	36C.	4.00	.10	3.0	NA
31C08	81SAR	58	18 414075	4916800	VU 10		GNSS	38.	3.	130.	14.	40.	.05	62.	.30	5.0	34C.	3.80	.10	1.0	NA
31C08	81SAR	59	18 414180	4920340	VO 10		GRNT	40.	4.	149.	15.	43.	.20	80.	.05	.5	46C.	3.90	.10	1.0	NA
31C08	81SAR	60	18 414750	4922100	F 10		GRNT	70.	26.	112.	71.	43.	.05	32.	.40	.5	168C.	3.80	.10	11.0	30.
31C08	81SAR	63	18 418625	4923850	VO 10		GRNT	36.	4.	138.	14.	40.	.05	54.	.40	.5	380.	4.30	.10	2.0	NA
31C08	81SAR	64	18 413880	4924175	R 10		GNSS	6.	2.	35.	20.	30.	.05	34.	.90	.5	20C.	3.50	.10	1.0	30.
31C08	81SAR	74A	18 406125	4911470	FO 11		GNSS	115.	28.	230.	95.	61.	.05	38.	.60	6.0	675.	5.80	.10	7.0	5.
31C08	81SAR	74B	18 406125	4911470	F 01		GNSS	33.	6.	53.	12.	14.	.05	14.	.70	5.0	325.	2.00	.10	1.0	2.
31C08	81SAR	74C	18 406125	4911470	FO 01		GNSS	54.	8.	132.	14.	43.	.40	53.	.70	6.0	575.	4.50	.10	7.0	15.
31C08	81SAR	74D	18 406125	4911470	VO 01		GNSS	47.	5.	128.	15.	44.	.05	66.	.50	6.0	445.	4.20	.10	1.0	10.
31C08	81SAR	75A	18 405800	4913825	F 11		GRNT	220.	87.	380.	270.	160.	.80	89.	.50	11.0	424C.	12.80	.50	16.0	NA
31C08	81SAR	75B	18 405800	4913825	F 01		GRNT	144.	42.	166.	42.	85.	.60	110.	.50	6.0	55C.	5.70	.10	11.0	NA
31C08	81SAR	75C	18 405800	4913825	V 01		GRNT	54.	7.	128.	16.	46.	.05	73.	.50	5.0	530.	5.00	.10	1.0	NA
31C08	81SAR	75D	18 405800	4913825	M 01		GRNT	49.	4.	144.	14.	52.	.05	73.	.30	6.0	49C.	4.70	.10	1.0	NA
31C08	81SAR	76A	18 395075	4914650	F 012		GRNT	98.	12.	180.	43.	64.	.20	59.	.60	8.0	95C.	3.60	.10	6.0	NA
31C08	81SAR	76B	18 395075	4914650	T0 111		GRNT	52.	7.	128.	16.	43.	.05	69.	.30	4.0	71C.	4.60	.10	3.0	15.
31C08	81SAR	77	18 392550	4914880	VM 10		GRNT	49.	8.	100.	14.	40.	.05	64.	.70	4.0	53C.	4.00	.10	5.0	NA
31C08	81SAR	78	18 387400	4918950	T0 10		LPST	65.	8.	128.	18.	55.	.05	64.	1.10	6.0	750.	5.20	.10	5.0	NA
31C08	81SAR	79	18 390825	4918700	VU 10	1.50	SDST	49.	6.	140.	14.	40.	.05	75.	.50	6.0	51C.	4.40	.10	3.0	NA
31C08	81SAR	80	18 382700	4917850	TOP10		LMST	95.	9.	116.	18.	55.	.60	64.	.30	4.0	71C.	5.30	.10	6.0	NA
31C08	81SAR	81	18 388900	4924500	TOP10		GNSS	150.	20.	116.	22.	61.	.05	75.	4.60	6.0	1405.	5.60	.10	7.0	NA
31C08	81SAR	82A	18 382050	4926050	T0 01		MRBL	84.	16.	95.	22.	43.	.60	47.	.50	5.0	1325.	3.60	.10	7.0	NA
31C08	81SAR	82B	18 382050	4926050	FO 11		MRBL	72.	6.	100.	12.	43.	.40	54.	.50	6.0	62C.	3.30	.10	4.0	45.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	CU	PB	ZN	CO	NI	AG	CR	U	PO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	BDRK	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31C08 81SAR	84A	18	387880	4928150	FU 102		GNSS		35.	8.	58.	10.	25.	.50	34.				
31C08 81SAR	84B	18	387880	4928150	A 001		GNSS		42.	16.	56.	18.	28.	.05	39.				
31C08 81SAR	99	18	403075	4919000	F0 01		GRNT		77.	15.	156.	19.	49.	.30	80.				
31C08 81SAR	99A	18	403075	4919000	F0 11		GRNT		63.	10.	148.	17.	46.	.40	75.				
31C08 81SAR	100	18	396200	4917475	V 011		GNSS		45.	6.	104.	14.	40.	.05	62.				
31C08 81SAR	100A	18	396200	4917475	T0 113		GNSS		103.	6.	175.	38.	109.	.05	100.				
31C08 81SAR	100B	18	396200	4917475	TG 012		GNSS		79.	7.	190.	22.	70.	.40	82.				
31C08 81SAR	101	18	401800	4919175	T0 10		GRNT		41.	6.	116.	18.	40.	.05	69.				
31C08 81SAR	101A	18	401800	4919175	F0 01		GRN		34.	8.	134.	16.	32.	.05	57.				
31C08 81SAR	102	18	401425	4919000	V0 012		GRNT		68.	5.	148.	16.	46.	.40	69.				
31C08 81SAR	102A	18	401425	4919000	V0 111		GRNT		52.	8.	144.	17.	49.	.40	84.				
31C08 81SAR	103	18	405780	4927250	T0 11		MRBL		47.	5.	136.	17.	38.	.20	64.				
31C08 81SAR	104	18	405800	4927100	T0 10		MRBL		77.	10.	156.	18.	49.	.20	71.				
31C08 81SAR	105	18	400460	4924380	V0P10		MRBL		54.	8.	120.	16.	45.	.05	82.				
31C08 81SAR	106	18	401550	4924660	F0 10		MRBL		72.	10.	136.	20.	45.	.05	84.				
31C08 81SAR	108	18	402725	4927400	M0 10		MRBL		56.	8.	140.	16.	43.	.40	84.				
31C08 81SAR	199	18	397550	4911100	M0 10		GNSS		39.	8.	130.	14.	32.	.05	64.				
31C08 81SAR	200	18	391400	4909950	M0 10		LMST		45.	10.	140.	16.	36.	.05	70.				
31C08 81SAR	201	18	398325	4916900	T0 112		GRNT		64.	14.	200.	14.	30.	.05	34.				
31C08 81SAR	201A	18	398325	4916900	F0 011		GRNT		125.	28.	300.	60.	52.	.05	47.				
31C08 81SAR	202	18	398400	4910350	M0 10		GRNT		46.	11.	135.	14.	30.	.05	49.				
31C08 81SAR	203	18	399310	4909075	SM 10		GRNT		44.	10.	128.	11.	26.	.05	68.				
31C08 81SAR	204	18	403890	4905530	F0 10		SDST		32.	11.	100.	14.	27.	.05	47.				
31C08 81SAR	205	18	403050	4905280	F0 10		LMST		149.	36.	162.	30.	35.	1.00	52.				
31C08 81SAR	206	18	398225	4901800	V0 10	2.00	LMST		32.	11.	96.	12.	28.	.05	40.				
31C08 81SAR	207	18	397150	4905000	V0 10		LMST		40.	10.	130.	13.	28.	.05	65.				
31C08 81SAR	208	18	394550	4902000	V0 10	1.00	LMST		37.	12.	118.	15.	30.	.05	55.				
31C08 81SAR	209	18	393950	4904100	V0 10	2.00	LMST		31.	10.	118.	16.	30.	.05	57.				
31C08 81SAR	210	18	396150	4909050	V0 10		GNSS		38.	10.	110.	14.	28.	.05	53.				
31C08 81SAR	211	18	395160	4905730	V0 10		GNSS		28.	9.	98.	14.	24.	.05	48.				
31C08 81SAR	212	18	383230	4904710	V0 10		LMST		40.	11.	130.	16.	28.	.05	65.				
31C08 81SAR	213	18	382580	4908670	T0 11		LMST		67.	16.	155.	16.	35.	.05	65.				
31C08 81SAR	213A	18	382580	4908670	V0 01		LMST		31.	10.	108.	14.	25.	.05	49.				
31C08 81SAR	213B	18	382580	4908670	VN 01	1.00	LMST		34.	12.	124.	16.	25.	.05	59.				
31C08 81SAR	214	18	384900	4912300	T0 11		LMST		52.	10.	88.	14.	24.	.05	28.				
31C08 81SAR	214A	18	384900	4912300	T0 01		LMST		58.	12.	150.	16.	26.	.05	60.				
31C08 81SAR	214B	18	384900	4912300	V0 01		LMST		40.	9.	135.	14.	25.	.05	65.				
31C08 81SAR	215	18	381500	4920100	V0 10		GRNT		38.	8.	128.	14.	25.	.05	62.				
31C09 80AR	17A	18	388325	4948780	CO 111	1.50	LMST		150.	28.	170.	27.	60.	.05	76.				
31C09 80AR	23	18	400887	4942196	T0 11	3.75	GNSS		48.	11.	105.	10.	28.	.05	30.				
31C09 80AR	23A	18	400887	4942196	T0 01	2.00	GNSS		55.	11.	97.	9.	29.	.05	31.				
31C09 80AR	23B	18	400887	4942196	T0 01	.50	GNSS		88.	14.	118.	12.	37.	.30	37.				
31C09 80AR	24	18	402771	4939701	R 00		CGLM		425.	3.	14.	34.	24.	.40	19.				
31C09 80AR	25	18	405257	4929726	T0 111		GRNT		83.	12.	185.	18.	63.	.60	69.				
31C09 80AR	26	18	408731	4930600	TN 01		GRNT		62.	8.	143.	16.	45.	.05	58.				
31C09 80AR	26B	18	408731	4930600	TN 01		GRNT		58.	40.	133.	17.	38.	.05	40.				
31C09 80AR	26C	18	408731	4930600	TN 11		GRNT		55.	9.	143.	16.	45.	.05	56.				
31C09 80AR	27	18	418826	4929571	TU 10	1.50	MRBL		45.	9.	85.	10.	30.	.05	28.				
31C09 80AR	28	18	409525	4932582	F0 10	2.00	DORT		52.	8.	138.	16.	42.	.05	66.				
31C09 80AR	29	18	406967	4932721	V0 111	1.50	GRNT		45.	9.	135.	15.	43.	.05	65.				
31C09 81SAR	49	18	395800	4934750	T0 10		GNSS		48.	6.	74.	10.	23.	.05	30.				

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	PO	MN	FE	CD	AS	HG
							PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31C09	81SAR	51	18 403100 4933250	10 10		MRBL	48.	4.	40.	16.	38.	.05	30.	.30	.5	240.	2.80	.10	6.0	NA
31C09	81SAR	52	18 403101 4933251	10 10		MRBL	45.	4.	38.	15.	38.	.05	28.	.30	.5	400.	2.80	.10	7.0	NA
31C09	81SAR	65	18 410550 4932220	VU 10		GRNT	60.	9.	132.	15.	43.	.05	38.	1.00	.5	645.	4.50	.10	1.0	NA
31C09	81SAR	85	18 389100 4929550	F 10		MRBL	58.	14.	95.	24.	38.	.50	38.	1.90	8.0	1245.	2.50	.10	6.0	35.
31C09	81SAR	98	18 412800 4935850	10 01		NESS	42.	8.	58.	10.	18.	.05	22.	.60	8.0	840.	1.90	.10	9.0	NA
31C09	81SAR	98A	18 412800 4935850	FO 11		NESS	77.	10.	76.	16.	28.	.40	22.	1.60	8.0	775.	3.10	.10	8.0	50.
31C09	81SAR	109	18 402375 4930300	FO 11		MRBL	47.	20.	210.	18.	43.	.05	88.	1.20	4.0	820.	5.20	.10	5.0	70.
31C09	81SAR	109A	18 402375 4930300	FO 01		MRBL	58.	10.	585.	16.	43.	.05	80.	1.00	4.0	690.	4.70	.10	4.0	65.
31C09	81SAR	110	18 399050 4942360	10 10		NESS	75.	16.	108.	20.	46.	.40	60.	1.10	8.0	1080.	5.20	.30	9.0	NA
31C09	81SAR	111	18 399390 4943920	10 10		GRNT	29.	7.	50.	8.	18.	.05	32.	.50	6.0	645.	1.70	.10	3.0	NA
31C09	81SAR	222	18 384100 4930520	10 10		GNSS	167.	20.	310.	28.	68.	.05	74.	.30	1.0	1800.	5.60	.50	8.0	NA
31C09	81SAR	223	18 385550 4934440	F 10		GNSS	167.	30.	200.	34.	82.	.30	111.	.80	2.0	7000.	8.00	.60	10.0	125.
31C09	81SAR	224	18 394125 4944300	10 10		GNSS	52.	10.	82.	8.	30.	.05	40.	.50	3.0	690.	2.50	.30	5.0	NA
31C09	81SAR	245	18 400025 4954850	10 10		MRBL	50.	10.	95.	13.	42.	.05	48.	.70	2.0	570.	3.10	.10	1.0	NA
31C09	81SAR	246	18 400380 4953170	FO 10		GRNT	52.	20.	132.	22.	72.	.30	140.	1.60	3.0	1550.	7.10	.10	8.0	195.
31C09	81SAR	247	18 397950 4951225	F 10		GRNT	240.	59.	250.	130.	108.	1.20	105.	14.80	8.0	9900.	9.50	.40	14.0	440.
31C09	81SAR	248	18 392375 4952475	10 10		GRNT	90.	12.	140.	19.	60.	.05	73.	.30	4.0	740.	5.20	.10	5.0	NA
31C09	81SAR	249	18 395630 4953150	10 10		MRBL	35.	23.	150.	27.	56.	.05	89.	1.60	3.0	2175.	6.10	.10	1.0	NA
31C09	81SAR	250	18 408150 4934370	10 11		MRBL	52.	11.	78.	13.	32.	.05	30.	.80	4.0	418.	3.90	.10	7.0	NA
31C09	81SAR	250A	18 408150 4934370	F 01		MRBL	88.	18.	98.	38.	60.	.05	52.	1.00	4.0	818.	4.20	.10	6.0	NA
31C09	81SAR	250B	18 408150 4934370	VO 01		MRBL	38.	10.	75.	8.	30.	.05	35.	.60	4.0	500.	3.00	.10	5.0	30.
31C09	81SAR	251	18 406025 4937325	10 10		MRBL	70.	11.	210.	13.	56.	.05	69.	1.30	4.0	610.	5.50	.10	7.0	NA
31C09	81SAR	252	18 408650 4942360	VU 10		MRBL	30.	16.	62.	5.	22.	.05	30.	.80	4.0	620.	2.00	.10	4.0	NA
31C09	81SAR	253	18 409450 4943350	10 10		NESS	90.	16.	126.	14.	58.	.05	57.	.80	3.0	718.	4.70	.10	7.0	NA
31C09	81SAR	254	18 409450 4943380	10 10		NESS	52.	20.	115.	10.	30.	.05	24.	.30	5.0	1075.	2.00	.30	6.0	NA
31C09	81SAR	255	18 397025 4945680	10 10		NESS	32.	13.	95.	5.	22.	.05	30.	.05	4.0	770.	1.80	.20	6.0	NA
31C09	81SAR	256	18 389100 4942475	10 10		GNSS	35.	9.	55.	10.	40.	.05	69.	.40	4.0	590.	3.40	.10	3.0	NA
31C09	81SAR	257	18 384550 4938170	10 10		MRBL	84.	33.	125.	32.	70.	.05	120.	2.70	4.0	2300.	7.20	.10	8.0	NA
31C09	81SAR	258	18 389180 4948960	10 10		GRNT	63.	15.	160.	18.	60.	.05	90.	2.10	4.0	490.	5.30	.10	6.0	NA
31C09	81SAR	259	18 388950 4949860	10 10		GRNT	73.	13.	138.	17.	62.	.05	80.	.80	3.0	660.	5.70	.10	5.0	NA
31C09	81SAR	260	18 389950 4955500	10 10		MAFR	62.	13.	128.	13.	56.	.05	81.	2.80	4.0	378.	5.20	.10	5.0	NA
31C10	80AR	63	18 355703 4953744	10 10		GRNT	225.	16.	290.	36.	133.	.05	78.	2.00	9.0	1275.	6.80	1.10	8.0	2.
31C10	80AR	64	18 348225 4952111	10 10		MRBL	195.	23.	350.	25.	74.	.60	72.	2.40	6.0	1475.	7.90	.80	14.0	415.
31C10	80AR	65	18 341775 4948916	10 10		MRBL	128.	20.	320.	43.	83.	.40	46.	.50	7.0	1100.	3.75	1.60	55.0	75.
31C10	80AR	66	18 349497 4955738	10 10		MRBL	250.	73.	300.	65.	115.	.40	88.	18.30	9.0	2350.	10.30	1.00	61.0	220.
31C10	80AR	75	18 380515 4955490	10 10		GRNT	105.	12.	137.	19.	59.	.20	50.	.80	5.0	1000.	4.60	.40	2.0	25.
31C10	80AR	76	18 380096 4953705	10 11		MAFR	30.	8.	65.	8.	23.	.05	33.	.50	7.0	600.	1.90	13.00	1.0	45.
31C10	80AR	76A	18 380096 4953705	FN 011		MAFR	26.	6.	60.	8.	21.	.05	34.	.80	4.0	575.	1.80	1.40	1.0	45.
31C10	80AR	84	18 374350 4929359	10 10		GRNT	125.	8.	150.	16.	65.	.05	86.	.80	4.0	600.	4.80	.50	3.0	45.
31C10	80AR	87A	18 378851 4941647	FO 11		GRNT	225.	35.	145.	58.	58.	.20	81.	6.20	5.0	7500.	10.25	.50	6.0	NA
31C10	80AR	90	18 367771 4937814	10 11		GRNT	250.	15.	310.	23.	115.	.20	97.	1.50	4.0	1050.	7.65	.50	3.0	100.
31C10	80AR	92A	18 368315 4944175	F 10		GRNT	170.	50.	260.	85.	75.	.50	76.	16.00	15.0	12000.	12.50	.60	7.0	NA
31C10	80AR	96A	18 363287 4946123	F 11		MSDM	180.	20.	200.	73.	100.	.40	75.	1.50	5.0	2500.	5.55	1.00	8.0	NA
31C10	80AR	97A	18 360320 4952130	F 11		GRNT	40.	7.	115.	13.	36.	.05	60.	.70	4.0	590.	4.00	2.60	2.0	NA
31C10	80AR	98	18 361564 4929141	FO 10		GRNT	42.	12.	90.	30.	42.	.30	68.	1.20	4.0	700.	6.20	.40	3.0	NA
31C10	80AR	100	18 357121 4940132	F 10		GRNT	124.	12.	152.	20.	50.	.05	52.	3.10	5.0	690.	4.20	.20	2.0	NA
31C10	80AR	101	18 356996 4942214	F 113		GRNT	83.	10.	135.	26.	60.	.20	80.	.50	7.0	450.	5.65	.40	2.0	50.
31C10	80AR	103	18 361182 4946000	10 10		GRNT	550.	14.	380.	60.	104.	.20	105.	.50	3.0	1425.	8.25	.50	4.0	165.
31C10	80AR	106	18 355582 4950817	10 10		GRNT	385.	65.	265.	83.	180.	.80	84.	8.60	7.0	5500.	12.75	1.00	19.0	NA
31C10	80AR	109A	18 347360 4950330	10 10		MVCC	195.	60.	315.	48.	98.	1.60	83.	6.40	5.0	3750.	8.60	2.00	17.0	NA
31C10	81KAR	94	18 365290 4954670	10 10		GRNT	98.	23.	186.	57.	92.	.05	90.	2.60	.5	2670.	6.60	.10	8.0	180.

MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	CU PPM	PB PPM	ZN PPM	CD PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
31C10	81KAR 95	18	363950	4954300	T0 10		GRNT	119.	4.	153.	17.	55.	.05	44.	.30	.5	400.	4.30	.10	2.0	40.
31C10	81KAR 96	18	362850	4954750	T0 10		GRNT	97.	22.	140.	45.	86.	.05	104.	8.20	8.0	715.	5.80	.10	9.0	230.
31C10	81KAR 97	18	360300	4952130	T0 10		GRNT	68.	38.	130.	40.	70.	.05	78.	8.40	12.0	715.	7.90	.10	15.0	NA
31C10	81KAR 98	18	368900	4956950	T0 10		GNSS	76.	8.	250.	12.	40.	.05	30.	.05	.5	500.	3.10	.10	2.0	130.
31C10	81KAR 99	18	368900	4956100	TN 10		GNSS	131.	10.	225.	10.	60.	.05	36.	.05	6.0	440.	3.50	.10	3.0	130.
31C10	81KAR 100	18	367850	4954000	TN 10		GNSS	80.	5.	255.	13.	72.	.05	32.	.05	5.0	380.	2.50	.10	3.0	45.
31C10	81KAR 101	18	370750	4954450	T0 10		GNSS	64.	14.	54.	38.	55.	.05	74.	3.40	7.0	370.	4.30	.10	7.0	0.
31C10	81KAR 102	18	369800	4950800	T0P10		GRNT	158.	18.	255.	29.	109.	.05	116.	1.50	6.0	1440.	6.90	.10	5.0	165.
31C10	81KAR 103	18	371680	4947820	T0P10		GNSS	114.	24.	205.	45.	84.	.30	102.	3.00	6.0	2365.	9.20	.10	7.0	240.
31C10	81KAR 104	18	371350	4948130	T0P10		GNSS	117.	8.	170.	28.	89.	.05	88.	.50	4.0	715.	5.20	.10	6.0	30.
31C10	81KAR 105	18	368830	4944880	T0 10		GNSS	70.	4.	157.	27.	69.	.05	84.	.05	6.0	600.	4.50	.10	3.0	45.
31C10	81KAR 113	18	372470	4952900	V0 10		MRBL	44.	8.	128.	18.	46.	.05	62.	2.10	.5	580.	4.80	.10	2.0	35.
31C10	81KAR 114	18	377500	4953750	V0 10		GNSS	47.	10.	123.	17.	46.	.05	70.	.05	.5	625.	4.50	.10	3.0	35.
31C10	81KAR 115	18	375730	4952760	T0 112		GNSS	78.	6.	150.	10.	79.	.40	51.	.05	6.0	560.	3.00	.50	3.0	10.
31C10	81KAR 115A	18	375730	4952760	T0 011		GNSS	88.	6.	140.	11.	60.	.05	54.	.30	5.0	625.	3.00	.10	4.0	15.
31C10	81KAR 118	18	380590	4953890	F0 10		MRBL	62.	26.	130.	40.	60.	.40	104.	1.40	.5	4000.	7.50	.50	20.0	305.
31C10	81KAR 119	18	377930	4951420	TU 10		GRNT	98.	6.	160.	16.	66.	.05	62.	.30	4.0	580.	4.00	.10	3.0	35.
31C10	81KAR 120	18	378330	4948430	T0 10		GNSS	52.	9.	178.	20.	43.	.05	70.	.30	.5	950.	4.40	.10	3.0	60.
31C10	81KAR 121	18	378620	4947600	T0 10		MRBL	76.	6.	153.	12.	66.	.05	70.	.05	6.0	360.	3.70	.10	2.0	35.
31C10	81KAR 122	18	374580	4947900	T0 10		MRBL	141.	14.	470.	20.	67.	.05	40.	.05	8.0	625.	3.90	.50	5.0	35.
31C10	81KAR 217	18	343520	4956250	F0 10		GRNT	124.	49.	118.	34.	43.	.05	74.	34.00	11.0	2000.	7.10	.50	49.0	NA
31C11	80AR 109	18	316564	4937229	T0 10		MRBL	350.	10.	56.	80.	950.	.05	850.	1.70	5.0	1350.	5.75	.20	16.0	2.
31C11	80AR 111	18	315707	4930292	F0 10		LPST	72.	10.	84.	16.	48.	.05	69.	1.80	3.0	2800.	5.25	.50	11.0	220.
31C11	80AR 124	18	308315	4940638	TN 10		MVCC	385.	7.	67.	60.	550.	.05	775.	2.00	3.0	2150.	6.50	.20	18.0	NA
31C11	80AR 125	18	306812	4942066	C0P10		MVCC	75.	14.	135.	20.	43.	.05	72.	2.00	1.0	1100.	5.65	.20	5.0	60.
31C11	80AR 130	18	304696	4946733	T0 114	3.50	LMST	115.	7.	47.	20.	50.	.05	50.	.30	6.0	700.	2.90	.50	4.0	10.
31C11	80AR 130A	18	304696	4946733	T0 013	2.50	LMST	93.	4.	43.	17.	43.	.05	45.	.30	4.0	750.	2.25	.50	4.0	15.
31C11	80AR 130B	18	304696	4946733	T0 012	1.50	LMST	43.	2.	44.	14.	47.	.05	56.	.80	4.0	525.	2.75	.40	2.0	60.
31C11	80AR 130C	18	304696	4946733	T0 011	.50	LMST	68.	2.	43.	12.	45.	.05	52.	.30	4.0	525.	2.80	.20	1.0	145.
31C11	80AR 135	18	305813	4939286	T0 11		MRBL	18.	4.	35.	10.	32.	.05	36.	.30	3.0	150.	3.00	.10	5.0	35.
31C11	80AR 140	18	312469	4930234	T0 10	.75	GRNT	55.	14.	142.	25.	52.	.05	80.	1.00	4.0	1050.	6.15	10.50	12.0	45.
31C11	80AR 802	18	306687	4932464	TN 10		MRBL	32.	6.	68.	13.	40.	.20	38.	.20	2.0	1050.	3.65	.20	7.0	100.
31C11	80AR 814	18	331324	4931221	C0P10		LMST	60.	8.	95.	18.	54.	.10	57.	.40	2.0	600.	5.00	.10	4.0	NA
31C11	80AR 815	18	331608	4931511	TN 10		LMST	70.	6.	55.	21.	88.	.10	75.	.20	1.0	575.	3.00	.20	3.0	NA
31C11	81KAR 195	18	318350	4940190	F 10		GRNT	28.	8.	30.	14.	26.	.05	38.	2.80	4.0	160.	2.50	.30	10.0	155.
31C11	81KAR 196	18	319570	4942260	F 10		GRNT	76.	26.	84.	24.	51.	.05	78.	4.30	7.0	575.	5.20	.50	19.0	315.
31C11	81KAR 197	18	321430	4945380	F 10		MAFR	43.	20.	50.	20.	40.	.05	92.	3.60	7.0	400.	4.00	.05	24.0	NA
31C11	81KAR 198	18	323940	4955260	F 10		GRNT	20.	10.	70.	14.	20.	.05	46.	4.60	7.0	880.	3.20	.50	9.0	220.
31C11	81KAR 199	18	323820	4953290	T0 10		GRNT	61.	10.	85.	30.	40.	.05	34.	3.90	4.0	390.	3.00	.40	18.0	125.
31C11	81KAR 204	18	315450	4955920	T0 10		GRNT	61.	29.	100.	22.	46.	.05	82.	7.30	7.0	315.	6.30	.40	8.0	540.
31C11	81KAR 205	18	313810	4954720	T0 10		GRNT	47.	61.	124.	26.	46.	.05	109.	1.00	7.0	355.	8.60	.20	8.0	195.
31C11	81KAR 206	18	312470	4953850	T0 10		GRNT	118.	70.	160.	16.	36.	.05	95.	16.70	9.0	380.	5.80	.50	15.0	0.
31C11	81KAR 207	18	305600	4947090	TN 10		LMST	36.	8.	76.	16.	59.	.05	65.	1.70	4.0	1000.	3.90	.50	5.0	120.
31C11	81KAR 208	18	325790	4939200	T0 10		MRBL	49.	8.	164.	20.	59.	.05	102.	17.40	7.0	325.	5.90	.50	9.0	165.
31C11	81KAR 209	18	329810	4950000	F 10		GRNT	46.	30.	160.	22.	36.	.05	76.	2.90	9.0	775.	9.30	.50	32.0	165.
31C11	81KAR 210A	18	330770	4950380	T0 111		GRNT	220.	62.	130.	49.	55.	.05	90.	12.50	11.0	4340.	7.80	.50	77.0	NA
31C11	81KAR 215	18	338280	4953700	F 10		GRNT	65.	36.	130.	16.	32.	.05	72.	NA	11.0	650.	6.80	.70	38.0	NA
31C11	81KAR 216	18	339200	4956090	F 10		GRNT	111.	36.	154.	32.	52.	.05	76.	7.90	8.0	2750.	7.00	.70	46.0	NA
31C12	80AR 151	18	300869	4933165	T0 10	1.75	LMST	105.	10.	128.	20.	58.	.05	74.	1.00	4.0	800.	5.00	.10	7.0	120.
31C12	80AR 153	18	299012	4938405	T0 10	1.00	MRBL	38.	7.	35.	8.	27.	.05	26.	.30	8.0	450.	1.30	.50	6.0	45.
31C12	80AR 154	18	297354	4939897	TN 10		MRBL	38.	4.	40.	9.	30.	.05	35.	.30	2.0	400.	2.05	.50	3.0	60.

MAP	ID	UTM COORDINATES		SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
		ZN	EAST	NORTH																
31C12 80AR	155	18 298314	4940812	F 10	2.50	MRBL	173.	35.	128.	23.	40.	.20	37.	.50	3.0	1100.	2.70	1.00	26.0	NA
31C12 80AR	156	18 297571	4943123	TOP10		MRBL	85.	14.	130.	32.	64.	.05	100.	3.20	5.0	500.	7.25	.40	11.0	35.
31C12 80AR	158	18 296636	4942095	TOP10		LMST	14.	4.	52.	10.	33.	.05	40.	.30	3.0	550.	2.15	.40	2.0	45.
31C12 80AR	159	18 294341	4939875	TO 10		LMST	190.	14.	40.	11.	30.	.05	30.	.30	4.0	1000.	1.90	.90	7.0	40.
31C12 80AR	163	18 287947	4933504	TO 11	3.50	LMST	70.	8.	110.	10.	27.	.05	30.	.50	5.0	500.	2.30	.80	4.0	20.
31C12 80AR	163A	18 287947	4933504	TO 11	3.50	MRBL	78.	10.	95.	13.	31.	.05	32.	.50	3.0	600.	2.75	.60	7.0	75.
31C12 80AR	164	18 287603	4932112	TO 11	3.50	MRBL	80.	5.	85.	11.	28.	.05	30.	.30	4.0	600.	2.00	.60	4.0	10.
31C12 80AR	164A	18 287603	4932112	TO 01	2.50	MRBL	83.	6.	87.	12.	29.	.05	30.	.50	4.0	550.	2.05	.60	5.0	170.
31C12 80AR	164B	18 287603	4932112	TO 01	1.50	MRBL	90.	6.	88.	12.	29.	.05	32.	.50	4.0	550.	2.80	.60	3.0	25.
31C12 80AR	171	18 278426	4937454	IN 10		LMST	100.	7.	80.	14.	43.	.05	44.	.50	4.0	750.	3.40	.40	7.0	110.
31C12 80AR	183	18 299067	4930536	TN 10		MVCC	20.	6.	40.	8.	21.	.05	28.	.30	6.0	500.	1.20	.10	3.0	10.
31C12 80AR	807	18 290301	4932586	IN 112		LMST	82.	9.	43.	18.	31.	.20	21.	.30	1.0	1825.	2.40	.70	25.0	NA
31C12 80AR	808A	18 291451	4934445	FO 111		MRBL	16.	11.	108.	13.	38.	.20	57.	1.30	1.0	825.	5.50	.40	8.0	125.
31C12 80AR	809	18 284135	4934077	TN 10		LMST	33.	10.	68.	10.	26.	.05	25.	.20	1.0	575.	2.40	.30	6.0	NA
31C12 81KAR	139	18 301260	4986300	FO 10		GRNT	93.	24.	87.	24.	40.	.05	42.	.70	6.0	1380.	3.50	.50	18.0	50.
31C12 81KAR	140	18 300800	4937160	TN 10		LMST	25.	16.	48.	10.	43.	.40	38.	.50	4.0	600.	3.20	.10	12.0	100.
31C12 81KAR	141	18 296710	4940290	TN 10		LMST	20.	2.	43.	8.	28.	.05	37.	.30	4.0	465.	2.30	.10	5.0	45.
31C12 81KAR	142	18 274860	4933570	TN 10		MVCC	49.	7.	79.	18.	40.	.05	86.	2.00	8.0	1865.	6.10	.10	11.0	270.
31C12 81KAR	144	18 264920	4937290	TN 10		GRNT	15.	2.	48.	8.	23.	.20	28.	.60	6.0	325.	2.40	.10	1.0	30.
31C12 81KAR	146	18 267740	4955750	F 10		AMPB	56.	22.	175.	19.	52.	.05	53.	.50	7.0	775.	4.60	.10	25.0	35.
31C12 81KAR	148	18 274370	4953950	F 10		MRBL	125.	9.	124.	18.	39.	.60	44.	3.10	4.0	590.	3.90	.10	8.0	185.
31C12 81KAR	149	18 265840	4945700	TN 10		GRNT	93.	2.	148.	16.	20.	.05	39.	7.70	6.0	345.	8.00	.10	4.0	105.
31C12 81KAR	150	18 269370	4941010	F 10		GRNT	40.	24.	74.	16.	25.	.30	58.	5.30	6.0	1460.	4.20	.10	10.0	NA
31C12 81KAR	151	18 273050	4941380	F 10		GNSS	52.	14.	74.	16.	28.	.60	80.	4.40	5.0	510.	4.70	.10	8.0	NA
31C12 81KAR	165	18 293040	4957170	TO 10		MAFR	157.	15.	81.	21.	73.	.05	68.	3.70	7.0	505.	5.90	.10	22.0	NA
31C13 80AR	195	18 276108	4963520	TO 10	2.00	GNSS	108.	23.	95.	21.	34.	.05	53.	3.00	4.0	850.	4.65	.40	1.0	90.
31C13 80AR	196	18 276678	4964422	TO 10		GRNT	90.	12.	80.	17.	30.	.05	44.	2.20	4.0	700.	3.45	.30	4.0	90.
31C13 80AR	197	18 276612	4965097	TN 10		GRNT	120.	11.	88.	19.	35.	.05	45.	1.50	3.0	700.	3.65	.40	3.0	50.
31C13 81KAR	233	18 298113	4978933	TN 10		MRBL	188.	18.	123.	30.	48.	.30	44.	1.50	2.0	2350.	6.25	.40	1.0	2.
31C13 80AR	464	18 264441	4983965	TO 10		GNSS	140.	16.	105.	18.	40.	.20	53.	3.60	4.0	700.	4.10	.10	1.0	NA
31C13 80AR	467	18 291714	4983565	CO 10		MRBL	105.	17.	165.	24.	44.	.40	58.	2.40	4.0	1250.	6.10	.10	8.0	NA
31C13 81KAR	152	18 292700	4965570	FO 10		MSDM	43.	28.	148.	29.	35.	.40	96.	4.60	6.0	1890.	8.50	.10	30.0	240.
31C13 81KAR	153	18 292300	4967390	TOP10		GRNT	200.	40.	290.	43.	100.	.50	58.	3.20	6.0	2625.	10.00	.10	102.0	140.
31C13 81KAR	154	18 295280	4971130	TOP10		MSDM	75.	24.	76.	35.	46.	.05	100.	1.20	6.0	6850.	17.00	.10	102.0	280.
31C13 81KAR	155	18 295060	4974120	TO 10		MRBL	185.	31.	325.	80.	126.	.30	66.	.05	6.0	7600.	7.50	.10	76.0	845.
31C13 81KAR	156	18 295690	4974780	FO10		MRBL	58.	16.	104.	17.	33.	.30	86.	2.30	4.0	1055.	4.00	.10	11.0	410.
31C13 81KAR	157	18 297930	4972640	TO 10		MRBL	230.	30.	100.	40.	91.	.05	100.	11.00	6.0	2625.	7.70	.10	69.0	NA
31C13 81KAR	158	18 300930	4975620	F 10		GRNT	123.	13.	108.	20.	57.	.05	58.	8.50	11.0	2045.	5.90	.10	30.0	NA
31C13 81KAR	159	18 301870	4984970	TO 10		AMPB	155.	8.	156.	20.	55.	.60	64.	1.70	4.0	885.	4.80	.10	2.0	140.
31C13 81KAR	160	18 301160	4981600	TU 10		MAFR	250.	28.	195.	55.	61.	.05	44.	1.40	6.0	2435.	5.20	.10	67.0	115.
31C13 81KAR	162	18 296840	4969060	FO 10		GNSS	118.	14.	82.	21.	33.	.05	62.	4.00	6.0	580.	5.40	.10	8.0	185.
31C13 81KAR	163	18 298790	4971360	IN 10		GNSS	210.	13.	235.	18.	52.	.20	40.	2.10	6.0	1000.	7.20	.10	23.0	145.
31C13 81KAR	164	18 290200	4968680	TO 10		GRNT	79.	12.	121.	28.	26.	.05	53.	NA	11.0	545.	9.20	.50	8.0	NA
31C13 81KAR	182	18 263450	4962570	TO 10		MAFR	204.	127.	420.	121.	100.	.05	69.	7.80	11.0	7935.	18.40	2.50	39.0	NA
31C13 81KAR	183A	18 265810	4962390	AO 011		MAFR	30.	10.	65.	12.	16.	.05	74.	7.20	9.0	455.	8.10	.50	6.0	NA
31C13 81KAR	184	18 265370	4964510	TO 112		GRNT	83.	16.	154.	24.	49.	.05	48.	5.90	7.0	615.	4.30	.50	5.0	225.
31C13 81KAR	184A	18 265370	4964510	TO 011		GRNT	49.	18.	121.	36.	46.	.05	49.	5.70	9.0	810.	4.40	.50	8.0	NA
31C13 81KAR	185	18 265630	4963040	TO 10		MAFR	24.	12.	73.	32.	20.	.05	40.	NA	9.0	555.	3.50	.50	7.0	NA
31C13 81KAR	186	18 267920	4968930	TO 10		MRBL	260.	16.	208.	43.	98.	.05	48.	2.10	4.0	465.	5.00	.30	6.0	95.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	CU	PB	ZN	CO	NI	AG	CR	U	MD	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	BDRK	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
IC13	81KAR 187	18	282060	4973170	F0 10		MRBL	64.	32.	74.	24.	.05	65.	5.70	9.0	740.	5.30	.50	20.0
IC13	81KAR 188	18	280750	4972800	T0 10		MRBL	118.	28.	94.	26.	.05	72.	3.80	7.0	4170.	10.00	.80	250.
IC13	81KAR 189	18	279560	4970630	F 10		MRBL	300.	51.	168.	49.	.05	38.	NA	7.0	1280.	4.90	.50	63.0
IC13	81KAR 190	18	277770	4980360	F0P10		MAFR	64.	26.	91.	32.	.05	109.	5.70	8.0	545.	6.30	.50	9.0
IC13	81KAR 191	18	274380	4979900	F 10		MRBL	103.	68.	135.	42.	.05	63.	NA	11.0	4100.	10.10	1.20	15.0
IC13	81KAR 192	18	270350	4977150	T0 10		AMPB	230.	30.	88.	34.	.05	74.	6.10	8.0	2250.	8.40	.60	32.0
IC13	81KAR 193	18	264790	4975280	T0 10		MRBL	106.	55.	220.	36.	.05	95.	5.10	7.0	1600.	10.00	.80	36.0
IC13	81KAR 194	18	264310	4971900	F0 10		MRBL	28.	20.	40.	20.	.05	53.	5.10	8.0	490.	5.50	.50	210.
IC13	81SAR 193	18	296700	4968650	T 10		MAFR	180.	23.	130.	30.	.05	45.	.80	2.0	2300.	5.00	.10	225.
IC14	80AR 117	18	319688	4983129	TU 10		GRNT	128.	12.	130.	16.	.05	44.	4.40	3.0	700.	4.00	.40	1.0
IC14	80AR 118	18	319952	4982173	T0 112		GRNT	83.	20.	105.	20.	.05	56.	.05	3.0	750.	6.00	.40	1.0
IC14	80AR 118A	18	319952	4982173	TN 011		GRNT	81.	12.	119.	27.	.05	3.0	.05	3.0	912.	4.55	.60	1.0
IC14	80AR 119	18	325074	4976756	T0 10		GRNT	160.	25.	132.	30.	.05	60.	22.00	6.0	1600.	5.70	.50	16.0
IC14	80AR 120	18	325163	4973980	T0 10	4.00	GRNT	130.	6.	200.	20.	.05	66.	4.60	3.0	750.	5.15	.40	1.0
IC14	80AR 121	18	332722	4967656	T0 10		MRBL	158.	12.	210.	17.	.05	48.	.80	5.0	700.	3.80	1.00	3.0
IC14	80AR 122	18	329270	4961274	TN 1C	.75	MRBL	105.	8.	160.	18.	.05	47.	.80	4.0	700.	5.15	.50	13.0
IC14	80AR 766	18	326085	4971922	T0 10		GRNT	112.	6.	148.	17.	.05	68.	3.40	6.0	590.	5.70	.10	2.0
IC14	80AR 768	18	324128	4974486	T0 10		GRNT	210.	11.	126.	22.	.05	48.	5.60	6.0	860.	4.00	.10	6.0
IC14	80AR 769	18	325014	4974798	T0 10		GRNT	200.	16.	155.	29.	.05	56.	5.80	7.0	1175.	6.00	.10	7.0
IC14	80AR 770	18	322706	4969642	T0 10		MAFR	124.	11.	175.	23.	.05	92.	2.90	6.0	820.	6.10	.10	3.0
IC14	80AR 771	18	319205	4967233	T0 10		GRNT	175.	16.	82.	31.	.05	45.	7.10	7.0	1650.	4.60	.50	7.0
IC14	80AR 772	18	336573	4970062	T0 10		MRBL	260.	55.	525.	42.	.05	47.	.60	10.0	1750.	8.80	2.00	430.0
IC14	80AR 781	18	332940	4964133	T0P10		MAFR	195.	22.	320.	32.	.05	28.	.40	7.0	1225.	3.80	.20	55.0
IC14	81KAR 166	18	302430	4968290	T0 10		MAFR	320.	22.	124.	70.	.05	102.	4.80	8.0	3185.	13.00	.10	370.0
IC14	81KAR 167	18	309760	4962310	T0 10		MAFR	310.	84.	220.	80.	.05	107.	2.10	8.0	1835.	9.20	.10	65.0
IC14	81KAR 168	18	307140	4964100	F 1C		MAFR	75.	28.	63.	60.	.05	91.	5.80	10.0	490.	7.00	.10	140.0
IC14	81KAR 169	18	306040	4964840	F 10		MAFR	183.	14.	95.	65.	.05	86.	1.80	8.0	910.	7.80	.10	210.0
IC14	81KAR 170	18	307010	4967950	F 10		GRNT	35.	40.	61.	33.	.05	144.	9.90	6.0	1700.	6.90	.10	94.0
IC14	81KAR 171	18	317040	4967400	T0 10		MAFR	360.	18.	108.	27.	.05	60.	13.00	8.0	600.	4.10	.10	8.0
IC14	81KAR 172	18	315000	4968000	TN 10		MAFR	143.	10.	104.	22.	.05	55.	6.70	8.0	730.	3.60	.10	2.0
IC14	81KAR 173	18	312170	4969020	TN 10		GRNT	103.	20.	100.	22.	.05	66.	3.50	8.0	635.	4.00	.10	33.0
IC14	81KAR 174	18	309500	4968360	TN 10		GRNT	58.	14.	56.	18.	.05	51.	5.60	6.0	1055.	2.50	.10	1.0
IC14	81KAR 175	18	307130	4970450	T0 10		GRNT	33.	32.	82.	24.	.05	86.	5.40	6.0	200.	3.80	.10	8.0
IC14	81KAR 176	18	308300	4972250	F0 10		GRNT	31.	38.	46.	10.	.05	71.	29.00	6.0	255.	4.20	.10	10.0
IC14	81KAR 177	18	309350	4972450	T0 10		MAFR	25.	53.	93.	73.	.05	103.	18.20	10.0	3045.	6.90	.10	19.0
IC14	81KAR 178	18	310130	4973600	F0 10		MAFR	10.	31.	89.	27.	.05	109.	17.80	6.0	820.	7.40	.10	16.0
IC14	81KAR 179	18	312670	4975590	TU 10		GRNT	120.	8.	132.	14.	.05	47.	2.50	4.0	690.	4.40	.10	2.0
IC14	81KAR 181	18	318420	4981570	F 10		GRNT	18.	5.	10.	10.	.05	20.	25.00	4.0	400.	1.00	.10	7.0
IC14	81KAR 200	18	324940	4959800	F0 10		MAFR	40.	23.	82.	28.	.05	78.	6.70	7.0	825.	5.10	.40	20.0
IC14	81KAR 202	18	324550	4961900	T0 10		MAFR	133.	23.	94.	24.	.05	84.	7.40	7.0	325.	5.30	.30	22.0
IC14	81KAR 203	18	320830	4959360	TU 10		GRNT	50.	35.	142.	14.	.05	59.	19.30	9.0	200.	5.30	.50	13.0
IC14	81KAR 211	18	330360	4960540	T0 10		MAFR	70.	49.	148.	43.	.05	75.	2.70	7.0	4515.	8.30	1.30	320.
IC14	81KAR 212	18	337450	4962910	T0P10		MAFR	94.	26.	97.	58.	.05	64.	3.40	9.0	950.	6.50	.50	11.0
IC14	81KAR 214	18	341730	4962790	TN 112		MAFR	59.	8.	71.	28.	.05	30.	4.30	4.0	600.	3.50	.20	20.0
IC14	81KAR 214A	18	341730	4962790	AO 011		MAFR	46.	22.	94.	22.	.05	55.	5.30	7.0	810.	5.00	.20	15.0
IC14	81SAR 113	18	326220	4975120	VU 10		GRNT	54.	14.	1800.	24.	.05	54.	2.60	2.0	1100.	4.40	.10	1.0
IC14	81SAR 114	18	327130	4973820	VU 10		GRNT	42.	6.	148.	18.	.05	56.	.40	1.0	580.	3.40	.10	1.0
IC15	80AR 31	18	364382	4965004	TN 10	1.50	MRBL	575.	7.	125.	45.	.05	75.	.80	5.0	2250.	9.70	.60	12.0
IC15	80AR 33	18	364032	4966621	F0 10		MAFR	500.	8.	145.	90.	.05	60.	.90	5.0	4000.	9.85	1.40	17.0
IC15	80AR 35	18	368230	4964372	TU 10	2.50	MRBL	70.	7.	275.	18.	.05	56.	.80	6.0	700.	3.90	1.00	6.0
IC15	80AR 36	18	371730	4974865	T0 1C		GRNT	85.	8.	103.	24.	.05	67.	2.20	11.0	900.	6.20	.50	4.0

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	SAMP	BORK	CU	PB.	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31C15	80AR	43	18 375552	4980963	IN 10	2.00	DORT	160.	13.	150.	45.	60.	.05	47.	1.50	8.0	1200.	5.00	1.00	15.0	20.
31C15	80AR	45	18 379078	4979948	FO 10		MRBL	180.	20.	190.	36.	87.	.05	60.	.50	7.0	725.	4.40	1.20	6.0	115.
31C15	80AR	46	18 374730	4977269	FO 10		MRBL	250.	43.	395.	145.	90.	.30	78.	3.40	20.0	2375.	13.50	1.90	19.0	NA
31C15	80AR	49	18 374659	4974937	TO 10		MRBL	50.	18.	210.	16.	55.	.20	72.	.50	5.0	500.	1.70	1.00	2.0	35.
31C15	80AR	51	18 373033	4971547	TO 10	2.50	GRNT	118.	6.	105.	23.	57.	.05	56.	2.20	4.0	550.	6.30	.20	6.0	40.
31C15	80AR	52	18 380385	4968105	TO 103	1.50	GNSS	88.	11.	205.	20.	45.	.05	28.	.50	8.0	700.	2.35	1.00	5.0	45.
31C15	80AR	52A	18 373033	4971547	TO 012	1.25	GNSS	118.	10.	170.	12.	60.	.05	46.	.80	5.0	575.	2.90	.80	4.0	NA
31C15	80AR	528	18 373033	4971547	TO 011	.50	GNSS	145.	20.	215.	25.	84.	.40	90.	1.40	5.0	1500.	9.25	.70	7.0	NA
31C15	80AR	54	18 373862	4965941	IN 10		MRBL	38.	6.	83.	11.	43.	.05	25.	.50	8.0	400.	1.20	.80	3.0	25.
31C15	80AR	61	18 352371	4978966	CNP10		MRBL	210.	43.	190.	24.	65.	.70	40.	.30	7.0	500.	4.50	1.20	245.0	345.
31C15	80AR	62	18 358769	4960342	F 10		M5DM	300.	38.	300.	100.	98.	.40	73.	.50	4.0	2700.	9.00	1.60	29.0	NA
31C15	80AR	69	18 364916	4956792	TOP10		M5DM	135.	16.	190.	28.	95.	.05	135.	2.70	6.0	975.	6.50	.50	7.0	170.
31C15	80AR	70	18 379092	4964984	TO 10		GRNT	110.	14.	210.	43.	53.	.20	60.	2.40	4.0	1550.	8.50	.30	3.0	120.
31C15	80AR	74	18 379632	4957323	FN 112		MRBL	135.	24.	220.	37.	85.	.30	57.	.90	7.0	1075.	3.55	1.50	4.0	NA
31C15	80AR	774	18 342172	4976360	TOP10		MRBL	103.	48.	146.	31.	37.	.05	80.	7.80	7.0	2300.	10.60	.20	62.0	NA
31C15	81KAR	5	18 381075	4979850	TO 10		MRBL	84.	10.	134.	20.	81.	.05	104.	1.00	5.0	760.	4.00	.30	3.0	125.
31C15	81KAR	8	18 379430	4981560	TO 10		MRBL	86.	7.	130.	14.	50.	.05	53.	.60	5.0	850.	3.40	.50	5.0	20.
31C15	81KAR	9	18 381125	4982950	TO 113	2.00	MRBL	78.	7.	121.	16.	44.	.05	54.	.70	4.0	850.	3.30	.50	5.0	35.
31C15	81KAR	9A	18 381125	4982950	TO 012	1.50	MRBL	88.	8.	130.	17.	48.	.05	58.	.60	2.0	830.	3.90	.30	5.0	40.
31C15	81KAR	98	18 381125	4982950	TO 011	.50	MRBL	112.	8.	145.	17.	60.	.05	84.	.60	2.0	875.	3.40	.50	5.0	35.
31C15	81KAR	12	18 379175	4982075	TO 10		MAFR	68.	10.	173.	28.	60.	.05	112.	.80	3.0	845.	5.00	.10	3.0	45.
31C15	81KAR	69	18 378750	4979500	TO 10		MRBL	80.	11.	200.	35.	200.	.05	100.	.05	5.0	635.	2.30	.50	5.0	130.
31C15	81KAR	70	18 376900	4978250	TO 10		MRBL	138.	13.	315.	24.	175.	.05	200.	.05	6.0	440.	3.00	.50	5.0	50.
31C15	81KAR	71	18 372890	4980390	TU 11		DORT	141.	4.	160.	19.	58.	.05	50.	.30	8.0	625.	5.60	.10	13.0	20.
31C15	81KAR	71A	18 372890	4980390	TU 01		DORT	50.	6.	97.	14.	40.	.05	56.	.05	.5	740.	3.90	.10	5.0	25.
31C15	81KAR	72	18 372620	4977180	TO 10		GRNT	126.	5.	112.	35.	57.	.05	58.	1.40	16.0	930.	6.60	.10	6.0	35.
31C15	81KAR	73	18 372150	4975680	TO 10		GRNT	96.	6.	123.	19.	52.	.05	60.	.30	6.0	645.	4.90	.10	7.0	25.
31C15	81KAR	74	18 371200	4974260	TO 10		GRNT	52.	13.	75.	31.	55.	.20	73.	2.20	.5	1095.	6.20	.10	7.0	115.
31C15	81KAR	75	18 366150	4973200	F 10		MAFR	164.	23.	126.	52.	63.	.30	80.	3.50	6.0	3340.	8.70	.10	25.0	385.
31C15	81KAR	76	18 367370	4969230	TO 10		MAFR	49.	20.	100.	25.	43.	.30	52.	2.50	7.0	420.	6.60	.10	6.0	NA
31C15	81KAR	77	18 367800	4969470	TO 10		MAFR	129.	16.	94.	45.	89.	.05	100.	3.50	4.0	2000.	6.50	.10	12.0	330.
31C15	81KAR	78	18 371050	4968250	TU 10		MRBL	164.	11.	275.	42.	122.	.40	78.	.50	4.0	1815.	6.00	.50	17.0	295.
31C15	81KAR	79	18 373150	4969900	TU 10		MRBL	220.	28.	455.	71.	130.	.05	56.	.80	6.0	1680.	3.50	1.00	18.0	100.
31C15	81KAR	80	18 373725	4971800	TU 10		MAFR	117.	11.	255.	38.	113.	.05	74.	.20	.5	835.	4.40	.30	9.0	75.
31C15	81KAR	80R	18 373725	4971800	R 00		MAFR	103.	3.	94.	39.	50.	.20	56.	.50	.5	1050.	5.70	.30	3.0	NA
31C15	81KAR	81	18 379400	4970500	TO 10		MRBL	78.	44.	1190.	45.	98.	.60	84.	.90	4.0	4040.	6.50	1.00	8.0	0.
31C15	81KAR	82	18 380240	4971320	TN 10		MRBL	54.	10.	182.	14.	46.	.05	54.	1.10	6.0	2120.	1.90	.50	2.0	50.
31C15	81KAR	83	18 366500	4980370	F 10		GNSS	145.	40.	300.	75.	54.	.05	66.	9.80	9.0	6025.	7.30	.10	15.0	NA
31C15	81KAR	84	18 363440	4978100	TO 10		MVCC	173.	50.	840.	31.	111.	.20	80.	.60	4.0	1345.	5.40	1.00	38.0	240.
31C15	81KAR	85	18 361750	4981170	FO 10		DORT	189.	28.	173.	45.	75.	.05	72.	10.20	6.0	3405.	7.40	.10	30.0	195.
31C15	81KAR	93	18 367780	4957500	TN 10		MAFR	138.	10.	325.	42.	92.	.05	46.	.60	6.0	715.	5.20	.10	5.0	35.
31C15	81KAR	106	18 368450	4960500	TO 10		MAFR	148.	25.	255.	59.	143.	.05	124.	4.70	8.0	2915.	8.70	.10	8.0	255.
31C15	81KAR	107	18 376960	4963360	TN 10		MAFR	129.	10.	235.	52.	81.	.05	46.	.05	6.0	790.	5.20	.10	3.0	0.
31C15	81KAR	108	18 375230	4961840	TO 10		MAFR	96.	24.	118.	76.	95.	.05	70.	6.60	6.0	3160.	9.40	.10	13.0	420.
31C15	81KAR	109	18 374170	4959150	TO 10		GNSS	74.	20.	104.	59.	84.	.20	76.	3.30	6.0	2185.	7.20	.10	8.0	275.
31C15	81KAR	110	18 371350	4959800	TN 10		MRBL	70.	10.	230.	11.	55.	.05	24.	.05	7.0	420.	2.60	.50	2.0	45.
31C15	81KAR	111	18 370530	4959280	TN 10		MRBL	83.	6.	315.	14.	57.	.05	28.	.05	.5	500.	2.60	.50	1.0	45.
31C15	81KAR	112	18 372330	4957110	TOP10		GNSS	44.	20.	142.	42.	55.	.40	98.	1.90	5.0	490.	6.60	.10	4.0	250.
31C15	81KAR	116	18 380650	4957600	VO 10		GRNT	62.	8.	120.	16.	46.	.05	64.	.50	6.0	670.	4.70	.10	4.0	55.
31C15	81KAR	117	18 379610	4957190	TO 10		MRBL	100.	6.	56.	10.	84.	.05	96.	.05	6.0	520.	2.50	.30	4.0	15.
31C15	82KAR	764	18 346350	4980810	FO 10		MRBL	193.	23.	237.	36.	76.	.05	62.	.60	6.0	1700.	5.30	.05	7.0	260.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	PO	PN	FE	CD	AS	HC
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31C15	82KAR 765	18	345675	4981010	F0 10		179.	32.	201.	50.	78.	1.20	76.	5.60	3.0	3932.	6.90	.05	1.0	0.
31C15	82KAR 766	18	345025	4981100	T0 10		MRBL 181.	17.	249.	25.	67.	.05	57.	.80	4.0	966.	4.70	.05	6.0	135.
31C15	82KAR 767	18	343450	4982200	C0 10		MRBL 95.	23.	208.	38.	72.	.20	95.	5.10	5.0	2000.	7.40	.05	7.0	155.
31C15	82KAR 775	18	345500	4984400	T0 10		MAFR 59.	35.	91.	19.	38.	.05	81.	6.60	6.0	850.	6.40	.05	8.0	0.
31C15	82KAR 793	18	356880	4982570	T0 10		GNSS 115.	25.	105.	26.	51.	.05	93.	3.60	1.0	2100.	5.80	.05	20.0	320.
31C15	82KAR 794	18	356240	4980540	C0 10		MAFR 144.	28.	145.	28.	61.	.05	93.	2.70	3.0	1900.	7.80	.05	30.0	435.
31C15	82KAR 795	18	356450	4980210	T0P10		MAFR 163.	29.	134.	26.	51.	.05	88.	5.40	3.0	3450.	7.20	.05	54.0	300.
31C16	80AR 1	18	392920	4965475	T0 113	2.25	GNSS 34.	6.	63.	7.	23.	.20	35.	.70	7.0	650.	1.85	.50	1.0	70.
31C16	80AR 1A	18	392920	4965475	T0 012	2.00	GNSS 33.	5.	65.	12.	31.	.40	51.	.80	5.0	750.	2.75	.30	1.0	75.
31C16	80AR 1B	18	392920	4965475	T0 011	1.00	GNSS 32.	4.	60.	6.	23.	.30	34.	.30	5.0	640.	1.80	.40	1.0	40.
31C16	80AR 3	18	389076	4974434	T0 10	1.50	MRBL 85.	10.	188.	17.	53.	.30	60.	.80	5.0	850.	4.75	.30	3.0	60.
31C16	80AR 19	18	382684	4956732	TN 112	1.60	MCGL 50.	8.	140.	21.	48.	.30	67.	.60	2.0	700.	3.60	4.30	1.0	65.
31C16	80AR 19A	18	382684	4956732	F0 011	1.30	MCGL 45.	9.	130.	19.	43.	.30	65.	.80	3.0	850.	3.25	6.00	1.0	50.
31C16	80AR 73	18	381561	4958690	TN 10		MRBL 145.	16.	270.	14.	73.	.20	48.	.80	3.0	700.	5.45	1.00	4.0	20.
31C16	80AR 73A	18	381561	4958690	T0 01		MRBL 115.	14.	265.	13.	65.	.20	44.	.80	6.0	750.	4.50	.80	3.0	190.
31C16	81KAR 1	18	395600	4977820	TN 10		NESS 50.	7.	123.	16.	36.	.05	62.	.60	2.0	675.	4.20	.10	3.0	45.
31C16	81KAR 2	18	394450	4977680	TU 11		NESS 44.	7.	94.	10.	31.	.05	42.	.60	4.0	650.	2.50	.30	1.0	35.
31C16	81KAR 2A	18	394450	4977680	TN 01		NESS 54.	8.	104.	12.	44.	.05	91.	1.00	2.0	430.	4.50	.10	2.0	150.
31C16	81KAR 3	18	386025	4979250	T0 10		MRBL 82.	8.	119.	16.	62.	.05	60.	.80	3.0	740.	3.00	.50	4.0	40.
31C16	81KAR 4	18	383750	4979200	F 10		MRBL 76.	16.	160.	35.	70.	.05	72.	.80	3.0	1600.	4.30	.50	5.0	95.
31C16	81KAR 6	18	382600	4980000	T0 10		GNSS 126.	11.	200.	35.	92.	.05	106.	1.20	7.0	740.	4.50	.50	4.0	50.
31C16	81KAR 7	18	381825	4979475	T0 10		GNSS 170.	10.	310.	29.	340.	.05	183.	.60	5.0	500.	3.50	.50	5.0	50.
31C16	81KAR 22	18	393925	4982700	T0 113		SYNT 62.	8.	130.	16.	43.	.05	45.	.30	4.0	775.	3.20	.80	3.0	25.
31C16	81KAR 22A	18	393925	4982700	T0 012		SYNT 74.	8.	149.	14.	44.	.05	49.	.30	3.0	660.	3.70	.50	2.0	30.
31C16	81KAR 22B	18	393925	4982700	T0 011		SYNT 79.	6.	7470.	13.	52.	.05	50.	.30	3.0	725.	4.00	7.00	2.0	95.
31C16	81SAR 44	18	390375	4963750	TU 10	1.00	SYNT 40.	6.	113.	11.	28.	.05	40.	.05	8.0	695.	2.30	.10	2.0	50.
31C16	81SAR 235	18	398500	4966800	T0P10		NESS 55.	12.	82.	13.	48.	.05	61.	1.40	2.0	830.	4.40	.10	5.0	NA
31C16	81SAR 236	18	400110	4961160	TN 10		GRNT 36.	10.	48.	16.	44.	.05	71.	1.60	2.0	1050.	3.40	.10	5.0	115.
31C16	81SAR 237	18	402100	4961400	T0 10		MAFR 31.	6.	56.	10.	50.	.05	72.	.90	2.0	440.	3.70	.05	5.0	NA
31C16	81SAR 238	18	398950	4960100	T0 10		MAFR 40.	12.	73.	12.	40.	.05	64.	.80	4.0	600.	3.20	.05	2.0	NA
31C16	81SAR 239	18	402380	4959905	T 10		MAFR 53.	9.	113.	10.	38.	.05	50.	.60	2.0	500.	2.80	.10	1.0	NA
31C16	81SAR 240	18	402375	4959900	TN 10		MAFR 42.	8.	80.	10.	36.	.05	52.	1.00	2.0	450.	3.30	.10	3.0	NA
31C16	81SAR 241	18	402975	4961250	TN 10		GNSS 92.	9.	95.	14.	58.	.05	50.	.60	2.0	1350.	5.10	.10	8.0	NA
31C16	81SAR 242	18	404750	4965025	T0 10		NESS 34.	7.	34.	14.	72.	.05	94.	.80	2.0	1700.	4.20	.10	6.0	NA
31C16	81SAR 243	18	403170	4963720	T0 10		NESS 60.	10.	60.	10.	56.	.05	71.	.80	4.0	710.	3.30	.10	3.0	NA
31C16	81SAR 244	18	398175	4956600	T0P10		MRBL 60.	20.	100.	25.	72.	.05	108.	1.60	2.0	1300.	6.00	.10	4.0	NA
31C16	81SAR 262	18	390190	4956800	T0 10		MAFR 250.	19.	240.	18.	112.	.05	110.	.30	4.0	705.	5.30	.10	5.0	NA
31C16	81SAR 263	18	392220	4958630	T0 10		MRBL 90.	14.	150.	14.	76.	.05	66.	.30	4.0	700.	3.20	.10	4.0	25.
31D08	80AR 270	17	713013	4930636	T0 10		LMST 44.	15.	86.	8.	29.	.10	21.	.90	4.0	720.	1.65	.10	3.0	40.
31D08	80AR 271	17	712514	4929054	TU 10	1.75	LMST 32.	6.	50.	6.	17.	.05	16.	.60	6.0	700.	1.20	.50	5.0	20.
31D08	80AR 272	17	714383	4923879	TN 112	10.00	LMST 19.	9.	44.	8.	15.	.05	14.	.70	7.0	680.	1.15	.20	2.0	15.
31D08	80AR 272A	17	714383	4923879	TN 011	2.50	LMST 23.	8.	48.	7.	15.	.05	14.	.60	5.0	545.	1.45	.50	4.0	15.
31D09	80AR 258	17	706268	4939892	TN 10		AMPB 42.	6.	62.	7.	16.	.05	18.	.50	9.0	900.	1.25	.40	1.0	40.
31D09	80AR 258A	17	706268	4939892	TN 01		MAFR 52.	6.	53.	8.	15.	.05	16.	.50	10.0	750.	1.15	.50	2.0	60.
31D09	80AR 259	17	703187	4939611	T0 10		AMPB 200.	12.	118.	18.	50.	.05	38.	6.50	7.0	1000.	3.10	.40	12.0	NA
31D09	80AR 260	17	707424	4942983	TN 10		LMST 50.	6.	57.	6.	15.	.05	16.	.50	10.0	800.	1.15	.50	1.0	45.
31D09	80AR 261	17	709757	4949636	T0 10		AMPB 163.	11.	130.	14.	34.	.05	40.	2.00	8.0	750.	3.55	.10	2.0	245.
31D09	80AR 262	17	707839	4950932	TN 10		GRNT 149.	8.	200.	16.	44.	.20	52.	2.60	4.0	635.	5.00	.20	1.0	20.
31D09	80AR 267	17	712176	4934731	TN 10	3.00	LMST 39.	6.	68.	8.	15.	.50	19.	.50	7.0	1020.	1.90	.50	2.0	20.
31D09	80AR 268	17	712753	4933075	T0 10		LMST 55.	9.	74.	6.	22.	.40	20.	.90	5.0	725.	1.95	.50	4.0	25.
31D09	80AR 269	17	713186	4932167	T0 10	3.50	LMST 49.	8.	70.	9.	28.	.10	25.	.90	5.0	910.	1.80	.30	3.0	20.

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	SAMP	BDRK	CU	P8	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31009	80AR	273	17 731400	4935971	IN 10	2.75	GNSS	76.	4.	44.	12.	31.	.05	24.	.30	5.0	2800.	2.90	.60	2.0	40.
31009	80AR	274	17 730305	4940268	TO 10		MRBL	240.	19.	130.	37.	40.	.50	51.	11.50	2.0	1650.	9.15	.50	16.0	2.
31009	80AR	275	17 730038	4939245	IN 10		GNSS	67.	7.	75.	14.	30.	.05	19.	.70	8.0	695.	3.20	.30	7.0	40.
31009	80AR	510	17 701820	4940880	DO 10	2.00	GNSS	7.	1.	18.	6.	20.	.05	29.	.05	2.0	120.	1.60	.10	1.0	20.
31009	80AR	511	17 730051	4939170	TO 10	4.00	GNSS	70.	10.	62.	15.	24.	.10	24.	.40	6.0	1400.	2.20	.60	9.0	35.
31009	81KAR	123	17 720180	4957150	TO 10		MVCC	91.	8.	124.	23.	33.	.05	40.	3.80	4.0	490.	3.10	.10	4.0	105.
31009	81KAR	124	17 721390	4957480	TO 10		MVCC	130.	8.	79.	20.	30.	.05	42.	5.70	5.0	710.	5.50	.10	4.0	65.
31009	81KAR	125	17 721800	4957200	IN 10		GNSS	110.	28.	95.	27.	58.	.05	107.	15.40	4.0	710.	5.50	.10	8.0	305.
31009	81KAR	126	17 723350	4958610	TO 112		GNSS	260.	10.	148.	24.	52.	.05	65.	26.00	7.0	490.	4.10	.10	5.0	105.
31009	81KAR	126A	17 723350	4958610	TO 011		GNSS	165.	6.	104.	24.	51.	.05	55.	14.50	7.0	400.	3.30	.10	3.0	115.
31009	81KAR	127	17 732470	4955720	FO 10		GNSS	270.	47.	210.	83.	73.	.05	65.	5.10	9.0	750.	11.00	.10	2.0	60.
31009	81KAR	128	17 732350	4954860	IN 10		MSDM	210.	14.	200.	31.	55.	.05	55.	2.70	5.0	730.	4.90	.10	4.0	35.
31009	81KAR	129	17 733610	4953500	IN 10		MRBL	170.	13.	136.	29.	52.	.05	44.	5.40	4.0	800.	4.70	.10	12.0	55.
31009	81KAR	130	17 734100	4945340	FO 10		MRBL	160.	50.	195.	60.	46.	.30	96.	15.30	8.0	6100.	19.00	.30	32.0	NA
31009	81KAR	131	17 733260	4950260	TO 10		MRBL	193.	18.	310.	29.	47.	.05	51.	3.10	6.0	750.	5.00	.10	43.0	105.
31009	81KAR	132	17 708030	4945920	IN 10		LMST	130.	8.	132.	22.	41.	.05	42.	.50	6.0	820.	4.20	.10	3.0	25.
31009	81KAR	133	17 706210	4952650	TO 10		GNSS	86.	4.	71.	18.	35.	.05	51.	176.00	3.0	255.	3.30	.10	4.0	160.
31009	81KAR	134	17 701040	4955560	TO 10		GRNT	110.	24.	136.	33.	52.	.05	65.	35.00	10.0	1135.	4.80	.10	23.0	NA
31009	81KAR	135	17 702570	4953190	F 10		GNSS	28.	18.	40.	31.	25.	.05	55.	6.80	5.0	1025.	2.90	.10	10.0	NA
31009	81KAR	136	17 710950	4954900	TO 10		MVCC	435.	28.	92.	22.	35.	.05	51.	176.00	6.0	445.	4.70	.10	7.0	NA
31009	81KAR	137	17 713280	4957300	IN 10		MRBL	113.	26.	97.	33.	33.	.05	43.	14.70	5.0	710.	3.20	.10	7.0	NA
31009	81KAR	138	17 713240	4956120	IN 10		MRBL	520.	162.	1245.	55.	91.	.20	40.	.60	4.0	1540.	4.00	4.50	25.0	125.
31010	80AR	416	17 663391	4945861	TO 10		MRBL	73.	5.	89.	8.	27.	.20	28.	.50	3.0	700.	2.45	.20	3.0	35.
31010	80AR	509	17 695939	4933160	TO 10		LMST	58.	8.	70.	8.	18.	.10	22.	.10	6.0	1350.	1.85	.50	3.0	55.
31010	81KAR	526	17 672125	5036380	IN 10	4.00	GNSS	142.	8.	149.	17.	46.	.05	54.	1.80	3.0	490.	3.90	.10	1.0	35.
31010	81KAR	527	17 672720	5036930	TO 114	4.25	GNSS	123.	8.	190.	14.	83.	.05	60.	2.00	3.0	410.	3.80	.10	1.0	35.
31010	81KAR	527A	17 672720	5036930	TO 013	2.25	GNSS	116.	9.	170.	12.	52.	.05	60.	.05	2.0	360.	3.90	.10	1.0	45.
31010	81KAR	527B	17 672720	5036930	TO 012	1.00	GNSS	116.	9.	159.	14.	52.	.05	62.	1.10	3.0	360.	3.90	.10	1.0	35.
31010	81KAR	527C	17 672720	5036930	TO 011	.50	GNSS	82.	9.	95.	40.	45.	.05	48.	1.30	3.0	510.	2.80	.20	1.0	130.
31010	81KAR	528	17 675150	5038810	TO 10		GNSS	180.	18.	162.	24.	62.	.05	68.	2.90	3.0	675.	4.60	.10	1.0	85.
31011	81KAR	515	17 626350	4954050	FM 10		GNSS	36.	24.	53.	16.	54.	.05	70.	15.40	9.0	100.	4.90	.10	5.0	550.
31011	81KAR	516	17 624950	4953100	IN 10		GNSS	20.	20.	170.	18.	38.	.05	62.	.50	3.0	2800.	6.30	1.00	1.0	370.
31011	81KAR	517	17 622200	4951600	TO 10		GNSS	44.	7.	50.	8.	16.	.05	21.	.20	5.0	715.	1.70	.10	1.0	20.
31011	81KAR	518	17 624000	4949050	IN 10		GNSS	60.	8.	86.	12.	26.	.05	34.	.10	4.0	760.	2.60	.10	1.0	20.
31011	81KAR	519	17 625480	4949850	TO 10		GNSS	36.	8.	90.	14.	28.	.05	36.	.30	4.0	990.	2.90	.10	2.0	15.
31011	81KAR	520	17 635890	4953820	F 10		GNSS	35.	16.	66.	24.	26.	.05	82.	2.10	4.0	980.	6.50	1.00	4.0	250.
31011	81KAR	521	17 637625	4948210	VO 10		GNSS	30.	8.	100.	20.	44.	.05	82.	.50	2.0	400.	3.00	.10	1.0	30.
31011	81KAR	522	17 638240	4946500	IN 10		GNSS	18.	8.	58.	5.	24.	.05	32.	.40	4.0	675.	1.90	.10	2.0	15.
31011	81KAR	523	17 646310	4948640	FO 10		GNSS	72.	19.	53.	17.	35.	.05	63.	1.70	3.0	520.	3.60	.50	3.0	190.
31011	81KAR	525	17 651550	4952950	FO 10		GNSS	92.	4.	65.	11.	34.	.05	36.	.20	2.0	440.	2.50	.10	1.0	80.
31014	81KAR	464	17 630225	4981620	VO 10		GNSS	90.	11.	120.	20.	56.	.05	88.	.80	4.0	520.	4.30	.10	3.0	70.
31014	81KAR	466	17 626200	4978290	TO 10		GNSS	310.	7.	200.	26.	82.	.05	69.	3.90	5.0	490.	4.70	.10	1.0	165.
31014	81KAR	467	17 635380	4979680	TO 10		GNSS	40.	6.	53.	6.	24.	.05	82.	3.80	6.0	80.	3.30	.10	3.0	510.
31014	81KAR	468	17 637350	4980230	TO 10		GNSS	41.	6.	37.	7.	28.	.05	78.	5.70	6.0	54.	3.60	.10	3.0	520.
31014	81KAR	469	17 634800	4983280	TO 10		GNSS	55.	10.	140.	16.	36.	.05	86.	1.90	4.0	370.	3.50	.10	1.0	170.
31014	81KAR	469A	17 634800	4983280	TO 01		GNSS	57.	10.	135.	14.	32.	.05	126.	3.30	4.0	340.	3.60	.10	3.0	180.
31014	81KAR	469B	17 634800	4983280	TO 01		GNSS	50.	8.	120.	12.	47.	.70	50.	3.10	3.0	265.	2.60	.10	1.0	160.
31014	81KAR	470	17 642500	4983600	TO 10		GNSS	86.	10.	90.	20.	44.	.05	52.	3.10	3.0	360.	4.20	.30	1.0	NA
31014	81KAR	471	17 651480	4984110	TO 112		GNSS	150.	8.	165.	14.	62.	.05	52.	2.30	3.0	365.	3.30	.10	1.0	50.
31014	81KAR	471A	17 651480	4984110	TO 011		GNSS	75.	8.	98.	20.	52.	.05	44.	1.60	2.0	370.	2.90	.10	1.0	75.
31014	81KAR	474	17 653675	4983550	VO 10		GNSS	59.	10.	100.	14.	32.	.05	54.	2.40	3.0	500.	3.20	.10	1.0	45.

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MAP	ID	UTM	COORDINATES	SAMP	SAMP	BORK	CU	PB	ZN	CO	NI	AG	CR	U	PO	PN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31014	81KAR 475	17	655975	4980450	F	01	75.	15.	90.	27.	54.	.05	60.	3.50	4.0	67C.	3.20	.10	2.0	110.
31014	81KAR 475A	17	655975	4980450	T	11	GNSS													
31014	81KAR 476	17	653300	4978725	F	10	GNSS	67.	10.	136.	39.	.05	70.	1.10	4.0	59C.	4.10	.10	1.0	45.
31014	81KAR 476A	17	653300	4978725	F	10	GNSS	26.	6.	47.	10.	.05	82.	1.60	6.0	9C.	2.30	.10	1.0	440.
31014	81KAR 477	17	643725	4981740	T	10	GNSS	142.	9.	135.	26.	.05	58.	3.70	3.0	32C.	3.40	.10	2.0	100.
31014	81KAR 478	17	640600	4978580	T	10	GNSS	104.	16.	150.	20.	.05	54.	2.10	3.0	315.	3.60	.10	3.0	90.
31014	81KAR 480	17	624580	4979175	F	10	GNSS	87.	21.	81.	22.	.05	72.	13.10	5.0	250.	5.40	.70	4.0	NA
31014	81KAR 481	17	622650	4979930	F	10	GNSS	90.	26.	78.	10.	.05	60.	3.30	6.0	19C.	5.10	.50	4.0	540.
31014	81KAR 482	17	624100	4977850	F	10	GNSS	188.	10.	130.	18.	.05	42.	3.10	5.0	34C.	3.60	.10	2.0	95.
31014	81KAR 483	17	622300	4976250	F	01	GNSS	32.	6.	92.	10.	.05	60.	.70	4.0	335.	3.70	.10	1.0	30.
31014	81KAR 483A	17	622300	4976250	V	10	GNSS	60.	8.	116.	12.	.05	76.	1.10	2.0	92C.	6.50	.10	1.0	50.
31014	81KAR 484	17	626550	4974950	T	112	GNSS	112.	10.	105.	20.	.05	40.	1.30	3.0	39C.	3.00	.30	2.0	155.
31014	81KAR 484A	17	626550	4974950	T	011	GNSS	99.	12.	145.	24.	.05	54.	2.80	3.0	365.	3.20	.50	1.0	NA
31014	81KAR 485	17	621450	4974200	F	10	GNSS	57.	19.	73.	14.	.05	72.	3.70	5.0	137.	6.50	.10	5.0	390.
31014	81KAR 486	17	626125	4972050	F	10	GNSS	180.	9.	121.	11.	.05	52.	4.00	3.0	29C.	4.00	.10	1.0	55.
31014	81KAR 487	17	628650	4967950	V	10	GNSS	35.	8.	145.	20.	.05	62.	.70	2.0	63C.	4.60	.10	1.0	45.
31014	81KAR 488	17	622525	4970800	V	10	GNSS	38.	6.	125.	12.	.05	66.	.60	2.0	335.	4.20	.10	1.0	25.
31014	81KAR 489	17	618650	4973110	F	10	GNSS	38.	16.	78.	20.	.05	90.	2.00	5.0	58.	2.50	.10	1.0	350.
31014	81KAR 490	17	632190	4966750	F	10	GNSS	60.	10.	81.	14.	.05	70.	2.20	4.0	49C.	2.90	.10	1.0	50.
31014	81KAR 491A	17	633125	4976100	F	10	GNSS	151.	21.	60.	16.	.05	82.	4.80	5.0	22C.	5.20	.10	1.0	NA
31014	81KAR 492	17	634160	4976000	V	112	GNSS	42.	7.	159.	18.	.05	74.	.90	4.0	59C.	4.80	.10	5.0	15.
31014	81KAR 492A	17	634160	4976000	F	011	GNSS	34.	12.	110.	18.	.05	88.	1.30	2.0	59C.	5.00	.10	1.0	60.
31014	81KAR 493	17	638660	4977520	V	10	GNSS	42.	9.	135.	18.	.05	72.	.50	2.0	500.	4.30	.10	4.0	15.
31014	81KAR 494	17	638950	4977380	T	10	GNSS	97.	8.	225.	18.	.05	50.	2.80	4.0	28C.	4.60	.10	1.0	NA
31014	81KAR 495	17	641280	4976300	T	10	GNSS	87.	9.	200.	20.	.05	70.	2.30	3.0	48C.	5.70	.10	1.0	55.
31014	81KAR 496	17	649100	4971400	F	10	GNSS	41.	10.	175.	22.	.05	160.	2.70	5.0	61C.	7.20	.10	1.0	345.
31014	81KAR 497	17	647900	4974640	T	1010	GNSS	80.	17.	145.	20.	.05	84.	2.20	12.0	8E.	4.40	.10	2.0	745.
31014	81KAR 498	17	644260	4972275	V	10	GNSS	38.	5.	175.	14.	.05	72.	.70	2.0	59C.	5.20	.10	1.0	10.
31014	81KAR 499	17	640150	4969800	V	10	GNSS	25.	9.	146.	16.	.05	74.	.80	4.0	425.	4.50	.10	1.0	30.
31014	81KAR 501	17	641320	4965530	F	10	GNSS	240.	21.	215.	42.	.05	106.	NA	6.0	1200.	5.30	.10	1.0	NA
31014	81KAR 503	17	645800	4961910	F	10	GNSS	26.	12.	80.	30.	.05	100.	.90	4.0	71C.	2.40	.80	3.0	175.
31014	81KAR 505	17	654340	4967225	F	10	GNSS	47.	10.	68.	30.	.05	68.	4.50	6.0	78C.	3.20	.20	4.0	NA
31014	81KAR 506	17	645450	4957050	A	10	GNSS	22.	14.	87.	10.	.05	70.	1.00	4.0	39C.	3.70	.80	1.0	265.
31014	81KAR 508	17	643000	4958200	F	10	GNSS	33.	7.	95.	12.	.05	86.	.70	3.0	275.	4.40	.10	1.0	20.
31014	81KAR 509	17	638610	4957620	V	10	GNSS	44.	5.	145.	12.	.05	72.	NA	3.0	520.	5.00	.10	1.0	10.
31014	81KAR 510	17	633800	4968280	F	10	GNSS	60.	8.	50.	8.	.05	102.	2.10	3.0	68.	4.30	.10	1.0	60.
31014	81KAR 511	17	631830	4964420	F	10	GNSS	48.	16.	95.	14.	.05	70.	2.40	4.0	41C.	4.60	.80	4.0	NA
31014	81KAR 513	17	628970	4961530	V	10	GNSS	52.	6.	140.	10.	.05	68.	1.10	3.0	415.	4.80	.10	1.0	20.
31014	81KAR 514	17	629700	4956750	F	10	GNSS	115.	16.	36.	28.	.05	74.	NA	4.0	135C.	3.10	.50	1.0	NA
31015	80AR 319	17	686675	4981814	T	10	MRBL	160.	15.	115.	32.	.20	50.	6.30	3.0	85C.	4.15	.40	1.0	NA
31015	80AR 320	17	688516	4981717	T	10	MRBL	165.	11.	128.	19.	.05	62.	3.90	4.0	650.	4.50	.30	1.0	115.
31015	80AR 321	17	689945	4982434	F	10	MRBL	335.	19.	170.	21.	.10	66.	5.50	6.0	101C.	5.50	.20	1.0	NA
31015	80AR 322	17	691033	4982956	T	10	MRBL	115.	11.	130.	16.	.05	58.	3.50	7.0	60C.	4.25	.20	1.0	50.
31015	80AR 373	17	677342	4981909	T	012	GNSS	158.	8.	98.	15.	.05	46.	1.60	5.0	50C.	2.90	.50	1.0	NA
31015	80AR 373A	17	677342	4981909	T	111	GNSS	295.	8.	140.	20.	.05	58.	3.70	7.0	50C.	3.40	.30	1.0	NA
31015	80AR 374	17	677442	4983738	T	01	GNSS	108.	7.	180.	16.	.05	67.	1.70	4.0	635.	4.70	.10	2.0	25.
31015	80AR 374A	17	677442	4983738	T	01	GNSS	114.	7.	182.	17.	.05	63.	1.20	5.0	720.	4.80	.10	1.0	29.
31015	80AR 374B	17	677442	4983738	T	11	GNSS	103.	7.	180.	15.	.05	54.	1.40	5.0	55C.	4.50	.20	2.0	20.
31015	80AR 383	17	684473	4982308	T	10	MRBL	138.	24.	240.	15.	.05	36.	3.40	5.0	100C.	3.60	.20	2.0	NA
31015	80AR 384	17	686003	4980838	T	10	GRNT	124.	10.	108.	18.	.44.	.20	2.60	4.0	58C.	3.70	.20	1.0	NA
31015	80AR 387	17	676845	4979186	T	10	GNSS	127.	8.	190.	15.	.42.	.20	1.70	7.0	64C.	6.20	.10	2.0	55.
31015	80AR 388	17	676534	4979067	T	10	GNSS	160.	7.	162.	15.	.43.	.10	2.60	6.0	575.	5.00.	.10	2.0	70.

MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	PO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HC PPM
31015 80AR	389	17	674194	4976756	10 10		MRBL	235.	14.	172.	27.	69.	.20	72.	9.20	4.0	88C.	5.20	.30	2.0	120.
31015 80AR	390	17	675900	4972786	10 10		GRNT	250.	15.	200.	29.	72.	.10	53.	4.10	4.0	1C4C.	4.90	.20	4.0	NA
31015 80AR	391	17	674732	4972746	10 10		GRNT	215.	6.	139.	12.	45.	.10	58.	2.20	5.0	500.	4.40	.20	2.0	30.
31015 80AR	392	17	672820	4969428	10 10		GRNT	210.	23.	440.	27.	73.	.10	63.	11.00	5.0	875.	5.45	.20	2.0	130.
31015 80AR	394	17	679855	4980370	10 10		GNSS	210.	16.	225.	29.	122.	.30	103.	1.70	5.0	855.	6.65	.70	2.0	NA
31015 80AR	396	17	682377	4983510	10 10		MRBL	108.	15.	89.	14.	35.	.10	44.	1.10	4.0	46C.	3.80	.20	2.0	NA
31015 80AR	398	17	682773	4976241	10 10		MRBL	118.	12.	245.	14.	43.	.05	59.	1.20	6.0	62C.	5.60	.20	2.0	40.
31015 80AR	399	17	685718	4979553	10 10		MRBL	190.	39.	166.	30.	55.	.90	55.	11.40	3.0	140C.	4.80	.90	2.0	NA
31015 80AR	401	17	684104	4976354	10 10		GNSS	169.	11.	283.	14.	59.	.10	54.	4.40	7.0	48C.	4.20	.40	1.0	135.
31015 80AR	403	17	687069	4978950	10 10		GNSS	69.	11.	82.	13.	28.	.10	30.	2.10	4.0	485.	3.25	.20	2.0	100.
31015 80AR	404	17	687511	4979309	10 10	2.00	GNSS	144.	15.	127.	17.	43.	.10	46.	5.80	3.0	870.	5.60	.10	2.0	160.
31015 80AR	406	17	689272	4983291	10 10		GNSS	107.	16.	121.	16.	42.	.10	56.	2.00	4.0	710.	5.40	.20	2.0	75.
31015 80AR	407	17	686800	4975933	10 10		GNSS	93.	12.	65.	0.	20.	.40	30.	2.90	4.0	42C.	3.25	.10	1.0	NA
31015 80AR	408	17	687721	4973539	10 10		GNSS	98.	4.	120.	12.	35.	.10	50.	1.00	4.0	45C.	4.05	.10	1.0	35.
31015 80AR	409	17	689037	4972897	10 10		GNSS	100.	12.	135.	16.	40.	.20	68.	1.30	6.0	70C.	4.80	.10	1.0	NA
31015 80AR	410	17	687152	4971719	10 10		GNSS	141.	10.	85.	18.	42.	.10	35.	3.00	6.0	55C.	3.90	.10	1.0	NA
31015 80AR	411	17	684402	4968603	10 10		GNSS	133.	8.	160.	17.	43.	.10	54.	2.70	6.0	55C.	5.30	.10	1.0	60.
31015 80AR	412	17	681576	4971120	10 10		GNSS	133.	10.	110.	27.	48.	.20	45.	2.40	6.0	725.	3.80	.10	1.0	NA
31015 80AR	501	17	676603	4978992	10 11	5.00	GNSS	117.	3.	125.	14.	40.	.10	58.	1.00	2.0	480.	4.30	.10	1.0	20.
31015 80AR	501A	17	676603	4978992	10 11	5.75	GNSS	115.	4.	140.	14.	39.	.10	62.	1.20	2.0	505.	4.60	.10	1.0	20.
31015 80AR	501B	17	676603	4978992	10 11	4.25	GNSS	93.	10.	140.	13.	40.	.10	64.	1.30	4.0	52C.	4.65	.10	1.0	20.
31015 80AR	501C	17	676603	4978992	10 11	2.75	GNSS	96.	4.	130.	13.	37.	.20	55.	.90	4.0	43C.	4.80	.10	1.0	20.
31015 80AR	501D	17	676603	4978992	10 11	.75	GNSS	150.	8.	105.	15.	49.	.20	65.	2.90	3.0	56C.	4.10	.20	1.0	55.
31015 81KDA	6	17	676850	498058C	10 11	.40	GNSS	110.	18.	100.	38.	86.	.05	88.	7.30	4.0	705.	4.20	.05	1.0	NA
31015 81KDA	14A	17	689450	4983750	10 11	1.60	MRBL	160.	7.	153.	20.	50.	.05	69.	4.10	2.0	545.	4.80	.05	1.0	NA
31015 81KDA	14B	17	689450	4983750	10 11	2.15	MRBL	190.	8.	130.	20.	46.	.05	53.	3.90	6.0	42C.	3.90	.05	3.0	NA
31015 81KDA	15	17	689150	4982900	10 10	1.92	MRBL	96.	10.	97.	20.	47.	.05	48.	3.50	4.0	425.	3.50	.05	3.0	NA
31015 81KDA	16	17	686900	4978200	10 10	1.97	MRBL	230.	7.	130.	33.	71.	.20	52.	3.90	4.0	435.	3.80	.05	1.0	NA
31015 81KDA	17	17	687050	4975250	10 10	3.50	GRNT	118.	5.	97.	9.	31.	.05	29.	1.50	4.0	255.	2.80	.05	1.0	NA
31015 81KDA	19	17	689050	4974050	10 10	4.37	GRNT	98.	4.	153.	14.	45.	.05	56.	1.60	3.0	445.	4.30	.05	1.0	NA
31015 81KDA	21	17	673900	4972600	10 10	7.30	GNSS	163.	3.	156.	16.	62.	.05	72.	1.40	4.0	465.	4.30	.05	1.0	NA
31015 81KDA	44	17	680300	4976650	10 10	3.50	MRBL	125.	9.	180.	16.	54.	.05	44.	2.30	3.0	370.	3.30	.05	2.0	NA
31015 81KDA	45	17	685950	4980880	10 10	1.50	MRBL	79.	9.	89.	21.	40.	.05	40.	2.10	2.0	370.	3.00	.05	3.0	NA
31015 81KDA	46	17	686780	4981680	10 10	3.00	MRBL	58.	8.	64.	16.	40.	.05	28.	3.30	3.0	315.	2.70	.05	2.0	NA
31015 81KDA	47	17	688220	4985000	10 10	2.50	MRBL	120.	9.	89.	20.	50.	.05	35.	2.00	2.0	335.	3.10	.05	2.0	NA
31015 81KDA	69	17	676650	4983580	10 10	2.00	MRBL	141.	8.	115.	18.	42.	.05	61.	3.40	1.0	345.	3.20	.05	2.0	NA
31016 80AR	264	17	709271	4959808	10 10		AMPB	76.	23.	98.	25.	43.	.05	51.	4.20	7.0	570.	4.35	.20	8.0	NA
31016 80AR	278	17	728760	4966017	10 10		AMPB	150.	9.	161.	16.	38.	.10	40.	3.50	3.0	63C.	4.15	.10	3.0	35.
31016 80AR	283	17	734778	4963139	10 10		AMPB	124.	15.	725.	17.	58.	.10	61.	85.00	5.0	625.	4.75	.30	4.0	NA
31016 80AR	284	17	728256	4972300	10 10		AMPB	195.	21.	105.	34.	84.	.10	94.	9.60	5.0	160C.	5.25	.30	8.0	NA
31016 80AR	287	17	729220	4979894	10 10	1.50	MRBL	103.	14.	106.	17.	32.	.20	35.	4.90	8.0	570.	3.45	.20	8.0	NA
31016 80AR	289	17	716445	4983952	10 10	2.00	SYNT	122.	23.	255.	18.	58.	.10	40.	3.10	4.0	775.	4.15	.20	2.0	NA
31016 80AR	290	17	714247	4984535	10 10		MRBL	155.	48.	280.	19.	140.	.60	83.	11.30	6.0	760.	7.80	.10	4.0	NA
31016 80AR	325	17	705111	4978610	10 10		GRNT	128.	33.	120.	23.	53.	.20	67.	16.30	8.0	45C.	5.25	.40	2.0	NA
31016 80AR	327	17	710426	4978552	10 10		GRNT	120.	12.	137.	18.	63.	.05	89.	3.60	3.0	60C.	4.50	.30	1.0	80.
31016 80AR	419	17	712049	4978939	10 10		GRNT	154.	65.	390.	12.	42.	.20	47.	4.60	2.0	68C.	4.60	.10	2.0	155.
31016 80AR	420	17	718228	4979804	10 10		GNSS	272.	38.	128.	64.	70.	.20	90.	43.00	9.0	1125.	6.25	.10	5.0	320.
31016 80AR	461	17	734322	4983755	10 10		MRBL	183.	15.	220.	32.	83.	.20	62.	1.80	3.0	1625.	5.50	.10	3.0	280.
31016 80AR	462	17	734063	4983085	10 10		MRBL	103.	13.	125.	20.	60.	.10	53.	3.00	1.0	1000.	4.30	.30	2.0	100.
31016 80AR	463	17	736582	4983100	10 10		GNSS	105.	20.	85.	20.	33.	.20	57.	22.00	4.0	75C.	4.20	.10	1.0	NA
31016 81KDA	28	17	723650	4959850	10 11	1.54	GNSS	144.	8.	115.	18.	47.	.05	47.	10.20	3.0	400.	3.30	.05	1.0	NA

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	PO	PN	FE	CD	AS	HC
		ZN	EAST	NORTH	TYPE	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31E01 80AR	293	17 697351	4993319	10P1C		GNSS	225.	17.	139.	36.	80.	.20	77.	5.40	7.0	1100.	5.50	.20	2.0	200.
31E01 80AR	296	17 702032	5005552	T0 10	3.00	GNSS	320.	9.	143.	39.	79.	.30	90.	3.20	4.0	1000.	4.95	.10	7.0	NA
31E01 80AR	298	17 698354	5004824	TN 013	4.50	GNSS	191.	12.	139.	24.	66.	.20	62.	2.60	5.0	660.	4.25	.10	1.0	NA
31E01 80AR	298A	17 698354	5004824	TU 112	3.50	GNSS	151.	7.	116.	17.	54.	.10	51.	1.70	4.0	430.	3.35	.10	1.0	55.
31E01 80AR	298B	17 698354	5004824	TU 011	2.50	GNSS	220.	7.	106.	15.	78.	.05	34.	2.00	4.0	405.	3.05	.10	1.0	NA
31E01 80AR	303	17 704062	5010274	TN 10	3.00	GNSS	160.	7.	105.	21.	74.	.10	38.	3.40	4.0	480.	3.20	.10	3.0	NA
31E01 80AR	304	17 702683	5011147	T0 10	2.00	GNSS	620.	29.	430.	37.	375.	.20	158.	4.60	4.0	990.	6.90	.20	2.0	NA
31E01 80AR	305	17 702921	5005341	TN 10		GNSS	205.	6.	113.	26.	110.	.20	60.	3.40	5.0	900.	4.30	.10	1.0	NA
31E01 80AR	341	17 704731	4991345	T0 10		GNSS	185.	12.	152.	19.	62.	.20	54.	6.10	8.0	745.	5.65	.10	2.0	80.
31E01 80AR	342	17 706353	4993779	T0 10	1.00	GNSS	117.	12.	117.	25.	49.	.10	53.	3.00	8.0	770.	4.40	.20	2.0	NA
31E01 80AR	343	17 705857	4993153	T0 10		GNSS	99.	21.	52.	27.	25.	.10	57.	6.60	10.0	815.	4.30	.10	1.0	NA
31E01 80AR	345	17 709104	4987421	T0 10		GRNT	114.	28.	136.	34.	147.	.20	71.	8.80	7.0	1050.	4.90	.20	2.0	NA
31E01 80AR	346	17 717556	4989536	T0 10		MRBL	156.	9.	134.	13.	40.	.05	44.	2.10	6.0	450.	3.75	.10	2.0	35.
31E01 80AR	347	17 718817	4992243	T0 10		MRBL	120.	13.	116.	15.	39.	.05	54.	6.10	5.0	900.	4.65	.10	2.0	140.
31E01 80AR	348	17 716642	4994215	T0 10		MRBL	140.	19.	155.	60.	127.	.05	63.	.05	7.0	950.	5.15	.20	1.0	NA
31E01 80AR	352	17 722477	4993989	F 10		SYNT	220.	26.	146.	51.	84.	.20	44.	8.30	5.0	1500.	4.85	.10	6.0	NA
31E01 80AR	353	17 723869	4994367	TN 10	1.00	AMPB	130.	14.	173.	14.	52.	.10	38.	3.60	6.0	670.	4.15	.20	1.0	80.
31E01 80AR	354	17 730396	4996456	T0 10		MRBL	98.	19.	100.	40.	80.	.05	58.	3.70	6.0	600.	3.75	.40	1.0	NA
31E01 80AR	355	17 730823	4996715	TN 10		AMPB	200.	11.	133.	20.	45.	.20	36.	3.50	4.0	580.	3.60	.10	2.0	65.
31E01 80AR	356	17 734342	4994825	T0 10		MRBL	170.	12.	115.	28.	80.	.05	57.	5.00	5.0	700.	3.40	.20	2.0	135.
31E01 80AR	356	17 729274	4994721	T0 10		GNSS	160.	12.	125.	27.	54.	.05	46.	3.10	6.0	650.	3.40	.20	1.0	NA
31E01 80AR	359	17 724636	5000678	TN 10		GNSS	146.	11.	124.	20.	50.	.10	43.	2.00	6.0	510.	3.55	.30	1.0	NA
31E01 80AR	360	17 726055	4996778	T0 10		MRBL	95.	16.	158.	33.	83.	.30	59.	6.00	5.0	500.	4.00	.50	1.0	NA
31E01 80AR	363	17 723153	5002541	TN 10		GNSS	100.	8.	110.	12.	34.	.05	58.	3.40	7.0	450.	3.35	.40	1.0	75.
31E01 80AR	365	17 721428	5006523	TN 10	1.00	GNSS	195.	25.	165.	30.	81.	.10	59.	4.70	5.0	820.	4.10	.10	2.0	NA
31E01 80AR	366	17 720299	5006313	T0 10		GNSS	190.	13.	147.	22.	64.	.10	57.	2.10	5.0	680.	3.65	.10	3.0	NA
31E01 80AR	368	17 719209	5005913	10P10		GNSS	470.	9.	191.	27.	60.	.05	62.	3.10	4.0	1100.	5.20	.10	2.0	NA
31E01 80AR	443	17 728449	5008995	T0 10		GNSS	400.	18.	185.	32.	68.	.20	110.	2.80	4.0	1200.	8.10	.10	1.0	NA
31E01 80AR	444	17 727448	5008170	TN 10		GNSS	290.	8.	100.	18.	35.	.20	47.	3.60	3.0	470.	3.30	.10	1.0	NA
31E01 80AR	456	17 731341	5003460	TN 10		GNSS	188.	8.	140.	20.	59.	.20	56.	3.30	2.0	660.	4.10	.10	1.0	70.
31E01 80AR	457	17 731651	5005013	TN 10		GNSS	155.	12.	110.	29.	63.	.30	75.	1.80	3.0	525.	4.75	.10	1.0	85.
31E01 80AR	458	17 732821	5006131	TN 10		GNSS	137.	9.	125.	15.	53.	.70	77.	3.80	2.0	565.	4.50	.10	1.0	85.
31E01 81KDA	1A	17 724720	5000750	TU 011	1.65	GNSS	100.	14.	111.	28.	105.	.30	59.	5.30	4.0	380.	3.80	.05	4.0	NA
31E01 81KDA	1B	17 724720	5000750	TU 012	1.97	GNSS	125.	12.	149.	23.	88.	.20	74.	5.00	4.0	500.	3.90	.05	4.0	NA
31E01 81KDA	1C	17 724720	5000750	TU 113	2.46	GNSS	128.	13.	153.	23.	68.	.20	69.	6.50	4.0	530.	4.20	.05	1.0	NA
31E01 81KDA	33	17 705350	5012650	TU 10	2.50	GNSS	93.	5.	83.	14.	42.	.05	31.	2.30	2.0	280.	2.60	.05	1.0	NA
31E01 81KDA	39	17 710400	4996050	TU 10	2.42	MRBL	168.	9.	173.	12.	87.	.05	49.	6.20	3.0	340.	3.70	.05	1.0	NA
31E01 81KDA	40A	17 725520	5008550	TU 011	.80	GNSS	340.	10.	210.	33.	93.	.05	69.	2.80	2.0	600.	4.00	.05	1.0	NA
31E01 81KDA	40B	17 725520	5008550	TU 112	1.70	GNSS	260.	4.	165.	28.	64.	.05	51.	2.80	2.0	390.	3.00	.05	1.0	NA
31E01 81KDA	72A	17 727100	5008750	TU 111	1.00	GNSS	220.	7.	116.	17.	31.	.05	57.	2.70	2.0	325.	3.20	.05	1.0	NA
31E01 81KDA	72B	17 727100	5008750	TU 012	4.60	GNSS	95.	7.	142.	17.	31.	.05	57.	3.00	2.0	445.	3.90	.05	1.0	NA
31E02 80AR	299	17 694009	4998232	T0 10		GRNT	167.	11.	127.	18.	76.	.05	61.	2.90	4.0	720.	4.85	.10	1.0	80.
31E02 80AR	309	17 690291	5000926	F 10	1.50	GNSS	115.	10.	80.	28.	50.	.05	56.	1.70	8.0	500.	4.15	.40	2.0	NA
31E02 80AR	311	17 691289	5002965	T0 00		GNSS	230.	3.	111.	28.	83.	.10	56.	2.10	5.0	935.	4.00	.10	2.0	NA
31E02 80AR	311A	17 691289	5002965	T0 10		GNSS	275.	10.	120.	30.	67.	.20	50.	8.20	5.0	1100.	4.35	.30	1.0	NA
31E02 80AR	313	17 688868	5006977	TN 10		GNSS	55.	6.	57.	23.	32.	.20	41.	1.60	4.0	400.	2.60	.50	1.0	NA
31E02 80AR	314	17 689154	5008215	TN 112		GNSS	63.	4.	95.	11.	30.	.05	44.	1.20	5.0	450.	3.10	.30	1.0	10.
31E02 80AR	314A	17 689154	5008215	TN 011		GNSS	91.	5.	100.	9.	55.	.30	44.	1.80	4.0	440.	3.70	.30	1.0	NA
31E02 80AR	317	17 686643	4988122	T0 10	9.00	GRNT	300.	25.	340.	20.	73.	.20	50.	4.20	5.0	800.	5.20	.50	1.0	60.
31E02 80AR	318	17 688151	4986174	T0 10		MRBL	180.	18.	156.	33.	61.	.20	60.	2.60	6.0	1040.	4.90	.20	1.0	NA
31E02 80AR	323	17 693656	4986221	TN 10		GNSS	100.	16.	118.	18.	45.	.05	60.	4.60	4.0	850.	4.50	.20	1.0	NA

MAP	ID	UTM	COORDINATES	SAMP	SAMP	CU	PB	ZN	CO	NI	AG	CR	U	PO	PN	FE	CD	AS	HC	
		ZN	EAST	NORTH	TYPE	DEPTH	BDRK	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB	
31E02 80AR	324	17	695605	4989895	FO 1C		MRBL	190.	14.	190.	22.	70.	.05	51.	3.50	5.0	750.	5.00	1.0	100.
31E02 80AR	331	17	671971	4997833	TN 10	2.00	GRNT	92.	15.	150.	19.	112.	.10	115.	3.80	3.0	760.	4.85	2.0	NA
31E02 80AR	332	17	664760	5011000	TU 10		GNSS	75.	9.	93.	18.	37.	.10	53.	2.60	6.0	320.	3.75	1.0	NA
31E02 80AR	333	17	659980	5008355	TN 10	2.00	GNSS	70.	8.	87.	25.	39.	.05	48.	1.40	4.0	390.	3.65	1.0	85.
31E02 80AR	335	17	665650	5008373	TU 10		GNSS	108.	12.	208.	23.	39.	.05	49.	2.10	3.0	990.	5.00	2.0	60.
31E02 80AR	336	17	675878	4990253	TU 10		GNSS	109.	8.	83.	16.	45.	.20	75.	3.10	7.0	460.	3.15	2.0	NA
31E02 80AR	337	17	676253	4989834	TN 10	3.00	GNSS	79.	6.	185.	21.	111.	.05	180.	1.20	6.0	575.	5.80	1.0	20.
31E02 80AR	337A	17	676253	4989834	TN 01		GNSS	90.	4.	153.	23.	120.	.05	195.	.80	5.0	700.	6.00	1.0	5.
31E02 80AR	338	17	677886	4989324	TU 10		GNSS	71.	9.	89.	12.	26.	.05	43.	2.60	7.0	510.	3.00	1.0	30.
31E02 80AR	339	17	684550	4953598	TU 10		MRBL	118.	8.	115.	20.	54.	.05	50.	.05	6.0	500.	3.30	1.0	NA
31E02 80AR	375	17	677886	4989324	TU 11		GNSS	111.	9.	97.	15.	45.	.05	52.	4.40	3.0	545.	3.65	2.0	60.
31E02 80AR	375A	17	677886	4989324	TU 01		GNSS	106.	8.	105.	12.	44.	.10	53.	3.60	4.0	545.	3.70	1.0	35.
31E02 80AR	376	17	677473	4993807	TU 10	2.00	GNSS	145.	10.	120.	17.	62.	.20	72.	3.40	5.0	660.	3.95	1.0	NA
31E02 80AR	377	17	676363	4995903	TU 10		GNSS	120.	7.	169.	35.	170.	.20	370.	1.40	15.0	850.	4.80	1.0	20.
31E02 80AR	378	17	660845	4989238	TN 10		GNSS	113.	8.	107.	13.	51.	.10	30.	1.80	7.0	420.	3.15	2.0	NA
31E02 80AR	379	17	658613	4990153	F 10		GNSS	137.	13.	181.	28.	70.	.30	35.	5.80	7.0	875.	3.60	2.0	NA
31E02 80AR	502	17	676583	4987952	TU 10	2.00	GNSS	160.	18.	160.	41.	100.	.20	155.	5.40	5.0	1000.	5.75	1.0	NA
31E02 80AR	503	17	688430	4998371	TU 11		MRBL	240.	11.	128.	25.	50.	.20	44.	2.70	4.0	570.	5.05	1.0	NA
31E02 80AR	503A	17	688430	4998371	VU 01		MRBL	74.	7.	98.	10.	32.	.05	55.	1.00	4.0	425.	4.55	1.0	NA
31E02 80AR	504	17	688485	5011267	TU 10	2.00	GNSS	168.	12.	90.	17.	60.	.10	66.	3.10	3.0	525.	4.00	1.0	145.
31E02 80AR	507	17	688800	5009844	TU 10	1.50	GNSS	86.	11.	110.	0.	37.	.05	58.	1.50	2.0	575.	4.10	1.0	NA
31E02 80AR	508	17	695160	4992422	TU 11		GNSS	170.	10.	120.	0.	47.	.20	45.	5.30	4.0	575.	3.80	1.0	NA
31E02 80AR	508A	17	695160	4992422	TU 01		GNSS	125.	13.	110.	24.	38.	.10	50.	7.80	3.0	474.	4.20	1.0	NA
31E02 81KAR	408	17	662040	5010390	T 10		GNSS	200.	25.	195.	38.	55.	.05	55.	7.90	4.0	1220.	4.90	2.0	1525.
31E02 81KAR	441	17	657550	5003380	TU 10		GNSS	165.	11.	315.	40.	162.	.05	108.	1.10	5.0	890.	4.70	1.0	110.
31E02 81KDA	3A	17	696350	4990700	TU 11		MRBL	210.	45.	320.	23.	95.	.80	55.	2.40	8.0	835.	6.20	1.00	NA
31E02 81KDA	3B	17	696350	4990700	TU 01		MRBL	178.	32.	330.	18.	83.	.10	47.	1.60	8.0	735.	5.40	1.0	NA
31E02 81KDA	4A	17	694280	4991150	FO 011	1.10	GNSS	120.	10.	142.	18.	45.	.05	65.	4.70	3.0	505.	4.80	1.0	NA
31E02 81KDA	4B	17	694280	4991150	VU 012	1.26	GNSS	47.	4.	130.	14.	40.	.05	69.	2.90	11.0	490.	4.30	1.0	NA
31E02 81KDA	4C	17	694280	4991150	TU 113	2.36	GNSS	355.	17.	156.	20.	59.	.05	53.	6.60	4.0	530.	4.20	1.0	NA
31E02 81KDA	8	17	695200	4992400	TU 10	4.56	GNSS	290.	9.	156.	23.	69.	.05	46.	5.80	2.0	380.	3.40	1.0	NA
31E02 81KDA	9	17	696600	4993080	TU 10	1.20	GNSS	410.	8.	185.	33.	71.	.30	52.	3.50	4.0	925.	4.20	1.0	NA
31E02 81KDA	11	17	693300	4988350	TU 10	2.67	MRBL	123.	8.	89.	15.	42.	.05	48.	5.50	3.0	385.	3.40	1.0	NA
31E02 81KDA	12	17	692950	4987980	TU 10	1.90	MRBL	118.	6.	108.	16.	42.	.05	47.	4.80	2.0	335.	3.10	1.0	NA
31E02 81KDA	24	17	681520	4987950	TU 10	1.50	MRBL	260.	19.	340.	28.	93.	.05	66.	11.40	4.0	790.	5.10	1.0	NA
31E02 81KDA	25	17	680900	4992100	TU 10	4.56	GNSS	113.	3.	165.	14.	45.	.05	49.	.90	4.0	475.	4.70	1.0	NA
31E02 81KDA	27	17	672000	4997750	TU 10	2.25	GRNT	165.	8.	185.	25.	625.	.05	335.	4.20	4.0	500.	4.70	1.0	NA
31E02 81KDA	28	17	664850	5011100	TU 10	3.20	GNSS	145.	6.	153.	20.	69.	.05	59.	1.70	4.0	310.	3.70	1.0	NA
31E02 81KDA	29	17	690120	4998080	TU 10	2.00	MRBL	160.	6.	108.	16.	52.	.05	48.	3.80	4.0	360.	3.00	1.0	NA
31E02 81KDA	31	17	695500	5000200	TU 10	1.50	DLMT	120.	5.	116.	14.	42.	.05	40.	1.60	2.0	350.	3.20	1.0	NA
31E02 81KDA	41	17	692950	4990520	TU 1C	1.10	GNSS	88.	3.	175.	14.	50.	.05	68.	.80	2.0	445.	4.10	1.0	NA
31E02 81KDA	42	17	690600	4986100	TU 10	1.50	MRBL	330.	2.	160.	20.	59.	.05	59.	3.80	3.0	555.	4.00	1.0	NA
31E02 81KDA	43A	17	688620	4986550	TU 011	1.35	MRBL	320.	5.	149.	20.	60.	.05	74.	3.60	4.0	490.	4.00	1.0	NA
31E02 81KDA	43B	17	688620	4986550	TU 112	2.65	MRBL	290.	6.	153.	24.	59.	.05	46.	3.00	4.0	475.	4.10	1.0	NA
31E02 81KDA	48	17	694600	4992900	TU 10	3.90	GNSS	148.	9.	146.	14.	52.	.05	53.	3.00	5.0	315.	3.40	1.0	NA
31E02 81KDA	50A	17	685650	5007620	TU 011	.96	GNSS	170.	4.	127.	34.	74.	.05	58.	1.50	2.0	380.	3.60	1.0	NA
31E02 81KDA	50B	17	685650	5007620	TU 112	3.00	GNSS	153.	5.	89.	30.	54.	.05	54.	2.10	4.0	390.	3.60	1.0	NA
31E02 81KDA	51	17	688740	5010080	TU 10	3.00	GNSS	125.	9.	121.	20.	45.	.05	49.	2.90	4.0	310.	3.20	1.0	NA
31E02 81KDA	52	17	692950	5003050	TM 10	1.50	GNSS	100.	13.	115.	24.	45.	.05	72.	2.70	4.0	500.	3.80	1.0	NA
31E02 81KDA	53	17	691300	5002900	TU 10	4.50	GNSS	310.	7.	153.	28.	90.	.20	48.	2.60	6.0	520.	3.70	1.0	NA
31E02 81KDA	54	17	690700	5003750	TU 10	2.40	GNSS	370.	4.	165.	30.	71.	.05	51.	2.60	2.0	555.	4.00	1.0	NA

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HC		
		ZN	EAST	NORTH	TYPE	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB		
31E02	81KDA	55	17 690150	5003920	TU	10	3.00	GNSS	440.	3.	138.	38.	86.	.05	65.	2.20	3.0	575.	5.00	.05	2.0	NA
31E02	81KDA	56	17 690850	5005400	TU	10	2.10	GNSS	290.	0.	230.	40.	78.	.05	82.	2.10	3.0	1600.	6.10	.05	2.0	NA
31E02	81KDA	57	17 688750	5005000	TU	10	2.50	GNSS	270.	8.	134.	32.	64.	.05	47.	1.40	4.0	400.	3.70	.05	3.0	NA
31E02	81KDA	58	17 688250	5013000	TU	10	1.20	GNSS	68.	8.	89.	26.	35.	.05	47.	1.20	4.0	390.	3.40	.05	4.0	NA
31E02	81KDA	59	17 688920	5007350	TU	10	2.50	GNSS	36.	4.	78.	10.	23.	.05	42.	1.10	2.0	310.	2.90	.05	2.0	NA
31E02	81KDA	60	17 688520	5005200	TU	10	2.00	GNSS	115.	7.	100.	20.	40.	.05	44.	1.30	4.0	675.	4.00	.05	2.0	NA
31E02	81KDA	61	17 659350	4994000	TU	10	1.40	GRNT	133.	9.	138.	29.	64.	.05	66.	2.60	4.0	510.	4.20	.05	4.0	NA
31E02	81KDA	62	17 661100	4995625	TU	10	2.05	GRNT	178.	11.	165.	22.	82.	.05	61.	3.60	6.0	300.	3.20	.05	2.0	NA
31E02	81KDA	63	17 676150	4989800	TU	10	3.75	GNSS	86.	0.	165.	25.	113.	.05	200.	1.40	4.0	575.	5.50	.05	1.0	NA
31E02	81KDA	64	17 676550	4993300	TM	10	1.25	GNSS	230.	13.	119.	36.	110.	.05	176.	3.30	2.0	490.	4.20	.05	2.0	NA
31E02	81KDA	65	17 676220	4995500	TU	10	1.60	MRBL	108.	4.	153.	38.	200.	.05	400.	.80	4.0	575.	6.20	.05	2.0	NA
31E02	81KDA	66	17 677450	4993920	TU	10	1.85	GNSS	193.	8.	130.	22.	66.	.05	100.	4.00	4.0	370.	3.60	.05	3.0	NA
31E02	81KDA	68	17 694280	4991160	TU	10		GNSS	198.	7.	132.	17.	40.	.05	53.	1.40	4.0	420.	4.20	.05	3.0	NA
31E03	81KAR	347	17 651475	5011800	TU	10		GNSS	113.	8.	133.	26.	56.	.10	46.	3.00	4.0	340.	3.70	.20	1.0	NA
31E03	81KAR	348	17 649030	5009960	VU	113		GNSS	132.	6.	150.	24.	152.	.05	48.	3.30	4.0	365.	3.50	.10	3.0	95.
31E03	81KAR	348B	17 649030	5009960	FU	011		GNSS	66.	16.	32.	54.	72.	.05	80.	4.20	4.0	620.	5.00	.50	9.0	290.
31E03	81KAR	349	17 631780	5007770	TM	10		GNSS	57.	8.	76.	18.	30.	.05	79.	2.70	3.0	250.	4.30	.10	5.0	NA
31E03	81KAR	350	17 629500	5006050	TU	10		GNSS	40.	8.	80.	28.	36.	.05	33.	NA	2.0	740.	2.80	.10	3.0	NA
31E03	81KAR	351	17 628790	5005750	FU	10		GNSS	118.	8.	110.	16.	44.	.05	27.	2.20	1.0	310.	2.20	.10	3.0	50.
31E03	81KAR	352	17 626340	5004320	VU	113		GNSS	43.	6.	106.	12.	28.	.05	40.	.20	2.0	410.	3.10	.10	3.0	20.
31E03	81KAR	352B	17 626340	5004320	F	011		GNSS	66.	6.	82.	14.	28.	.05	30.	1.00	2.0	410.	2.90	.10	5.0	NA
31E03	81KAR	353	17 625070	5007260	FU	10		GNSS	44.	12.	84.	21.	26.	.05	52.	1.00	4.0	300.	4.00	.40	9.0	190.
31E03	81KAR	354	17 623450	5006250	F	10		GNSS	66.	8.	127.	12.	33.	.05	52.	1.80	2.0	395.	4.20	.10	2.0	30.
31E03	81KAR	355	17 623610	5006580	VU	10		GNSS	37.	10.	128.	16.	36.	.05	36.	.80	2.0	275.	3.90	.10	1.0	25.
31E03	81KAR	356	17 621590	5005950	FU	10		GNSS	44.	10.	114.	14.	32.	.05	56.	1.00	2.0	395.	3.90	.20	1.0	30.
31E03	81KAR	357	17 621030	5005600	FU	10		GNSS	54.	19.	98.	17.	36.	.05	71.	3.80	3.0	560.	5.70	.10	3.0	145.
31E03	81KAR	358	17 620850	5006310	TM	11		GNSS	102.	12.	144.	28.	40.	.05	4.	.05	4.0	680.	2.80	.10	4.0	10.
31E03	81KAR	358A	17 620850	5006310	TM	01		GNSS	142.	14.	136.	30.	50.	.30	50.	.60	5.0	700.	4.00	.40	1.0	30.
31E03	81KAR	358B	17 620850	5006310	F	01		GNSS	95.	21.	81.	20.	35.	.20	46.	.80	2.0	740.	3.90	.10	1.0	NA
31E03	81KAR	359	17 621490	5006060	F	112		GNSS	117.	22.	66.	27.	48.	.30	54.	3.30	5.0	855.	5.30	.10	5.0	NA
31E03	81KAR	359A	17 621490	5006060	F	011		GNSS	67.	13.	83.	18.	40.	.10	55.	1.70	2.0	375.	3.90	.10	3.0	40.
31E03	81KAR	360	17 622660	5007210	FU	10		GNSS	31.	19.	77.	12.	34.	.05	45.	4.30	5.0	215.	4.10	.20	8.0	310.
31E03	81KAR	362	17 619020	5008840	FU	10		GNSS	159.	26.	140.	40.	62.	.05	74.	3.80	3.0	1000.	5.50	.10	4.0	130.
31E03	81KAR	363	17 634280	4994060	F	10		GNSS	104.	19.	88.	36.	45.	.05	59.	NA	6.0	760.	3.10	.10	9.0	NA
31E03	81KAR	364	17 638140	4995890	F	10		GNSS	105.	16.	61.	38.	58.	.05	45.	7.50	5.0	490.	3.80	.10	5.0	190.
31E03	81KAR	365	17 637430	4996130	TU	10		GNSS	17.	15.	56.	5.	12.	.05	45.	NA	6.0	165.	4.20	.10	NA	NA
31E03	81KAR	366	17 643110	5000560	FU	10		GNSS	26.	20.	106.	12.	15.	.05	54.	1.90	5.0	365.	5.50	.10	3.0	400.
31E03	81KAR	367	17 647650	4997550	F	10		GNSS	122.	22.	255.	29.	70.	.05	71.	4.40	4.0	850.	6.30	.30	1.0	210.
31E03	81KAR	368	17 648800	5000390	F	10		GNSS	41.	17.	52.	36.	28.	.05	72.	4.80	4.0	370.	4.60	.30	7.0	NA
31E03	81KAR	369	17 648360	5003600	TU	10		GNSS	225.	14.	136.	48.	278.	.05	136.	2.50	3.0	480.	4.00	.10	4.0	NA
31E03	81KAR	370	17 646260	5001480	TM	10		GNSS	83.	8.	67.	14.	53.	.05	53.	2.50	3.0	200.	3.40	.10	3.0	70.
31E03	81KAR	371	17 646210	5003610	TU	10		GNSS	99.	16.	170.	19.	65.	.05	54.	2.90	4.0	190.	3.30	.20	2.0	NA
31E03	81KAR	372	17 647160	5005740	TU	10		GNSS	156.	12.	182.	22.	65.	.05	54.	2.50	3.0	280.	3.00	.10	4.0	NA
31E03	81KAR	372A	17 647160	5005740	TU	01		GNSS	166.	14.	168.	26.	78.	.05	64.	2.50	3.0	340.	3.20	.10	4.0	NA
31E03	81KAR	373	17 646400	5007020	TM	112	1.75	GNSS	66.	13.	55.	15.	23.	.05	35.	5.90	4.0	185.	2.80	.20	3.0	NA
31E03	81KAR	374A	17 631910	5002610	FU	11		GNSS	44.	8.	40.	18.	16.	.05	22.	2.20	2.0	190.	1.80	.10	3.0	50.
31E03	81KAR	375	17 628600	4998400	AU	10		GNSS	15.	11.	43.	6.	12.	.05	40.	4.30	5.0	140.	3.90	.50	4.0	NA
31E03	81KAR	376	17 624870	5000700	F	10		GNSS	70.	45.	65.	36.	44.	.05	48.	1.00	2.0	840.	2.90	.10	6.0	50.
31E03	81KAR	377	17 628270	5002000	F	10		GNSS	27.	8.	61.	13.	28.	.05	95.	4.20	3.0	215.	2.50	.10	3.0	205.
31E03	81KAR	378	17 625910	5003440	F	10		GNSS	141.	15.	119.	33.	49.	.05	50.	4.60	4.0	625.	3.60	.10	1.0	175.
31E03	81KAR	379	17 635660	5008090	F	10		GNSS	270.	32.	270.	65.	105.	.40	88.	NA	8.0	1700.	5.60	.10	NA	NA

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	SDRK	CU	PB	ZN	CO	NI	AG	CR	U	PO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31E03	81KAR 380	17	635010	5006830	VU 10	GNSS	30.	7.	97.	12.	22.	.05	37.	2.20	2.0	325.	3.30	.10	1.0	20.
31E03	81KAR 382	17	637990	5006980	TU 10	GNSS	113.	18.	116.	25.	58.	.05	66.	3.90	3.0	345.	4.30	.20	4.0	240.
31E03	81KAR 383	17	638550	5005780	TU 10	GNSS	81.	14.	97.	15.	54.	.05	85.	8.00	8.0	225.	8.20	.10	5.0	470.
31E03	81KAR 384	17	639220	5006300	TU 113	GNSS	190.	13.	151.	26.	79.	.05	50.	NA	3.0	295.	3.40	.10	3.0	NA
31E03	81KAR 384A	17	639220	5006300	TU 012	GNSS	178.	18.	132.	30.	84.	.05	58.	NA	4.0	320.	3.40	.10	6.0	NA
31E03	81KAR 384B	17	639220	5006300	TU 011	GNSS	98.	20.	68.	20.	56.	.05	96.	NA	6.0	135.	4.00	.50	10.0	NA
31E03	81KAR 385	17	636460	5005620	TU 10	GNSS	120.	15.	93.	31.	56.	.05	52.	9.20	4.0	920.	4.00	.10	5.0	150.
31E03	81KAR 386	17	636740	5004860	VU 10	GNSS	58.	8.	130.	16.	36.	.05	48.	1.20	2.0	440.	3.20	.10	2.0	20.
31E03	81KAR 387	17	636810	5003110	TU 10	GNSS	72.	14.	116.	24.	40.	.05	49.	7.00	4.0	520.	3.80	.10	6.0	NA
31E03	81KAR 388	17	633550	5002160	VU 10	GNSS	52.	11.	58.	11.	30.	.05	38.	NA	4.0	115.	.70	.10	NA	NA
31E03	81KAR 389	17	625410	5005230	TU 10	GNSS	95.	7.	142.	23.	57.	.05	52.	1.30	2.0	305.	3.00	.10	1.0	70.
31E03	81KAR 391	17	621190	5009760	F 10	LMST	23.	32.	76.	22.	34.	.05	82.	1.50	2.0	720.	5.00	.10	5.0	190.
31E03	81KAR 392	17	621740	5009560	AD 10	GNSS	20.	36.	106.	23.	32.	.60	78.	1.70	3.0	600.	6.10	.10	6.0	NA
31E03	81KAR 393	17	622840	5009600	VO 10	GNSS	34.	13.	98.	20.	40.	.05	70.	.70	2.0	400.	3.90	.10	4.0	130.
31E03	81KAR 394	17	622630	5008560	AD 10	GNSS	14.	16.	90.	22.	20.	.05	54.	NA	3.0	280.	3.00	1.00	5.0	NA
31E03	81KAR 395	17	620320	5008780	TU 10	GNSS	80.	19.	128.	28.	48.	.05	58.	NA	2.0	540.	4.60	.10	4.0	NA
31E03	81KAR 396	17	619560	5006100	TU 10	GNSS	68.	13.	148.	20.	44.	.05	53.	1.50	4.0	360.	4.70	.40	3.0	220.
31E03	81KAR 397	17	618560	5007330	FO 10	GNSS	61.	9.	84.	18.	30.	.05	38.	1.30	2.0	450.	2.60	.10	2.0	NA
31E03	81KAR 399	17	622280	5007490	AD 10	GNSS	12.	32.	183.	18.	22.	.60	60.	3.00	4.0	330.	5.60	.70	4.0	365.
31E03	81KAR 419	17	641020	5011170	TU 10	GNSS	44.	14.	52.	19.	24.	.05	44.	NA	4.0	220.	3.00	.30	5.0	NA
31E03	81KAR 422	17	638160	5010060	TU 10	GNSS	93.	6.	112.	16.	47.	.05	32.	3.30	1.0	220.	2.70	.10	1.0	60.
31E03	81KAR 425	17	637730	4987730	VO 11	GNSS	42.	9.	175.	15.	50.	.05	87.	.90	2.0	620.	4.70	.10	4.0	10.
31E03	81KAR 425A	17	637730	4987730	FO 01	GNSS	32.	13.	100.	14.	37.	.05	76.	1.10	3.0	590.	4.50	.10	3.0	75.
31E03	81KAR 426	17	649850	4990900	TN 10	GNSS	66.	14.	105.	28.	42.	.05	50.	1.90	4.0	440.	3.40	.30	3.0	210.
31E03	81KAR 428	17	642540	4992930	TU 014	GNSS	98.	9.	105.	154.	46.	.05	38.	1.80	3.0	310.	2.90	.20	1.0	50.
31E03	81KAR 428A	17	642540	4992930	TU 013	GNSS	73.	9.	130.	17.	68.	.05	42.	1.10	3.0	270.	2.70	.10	1.0	90.
31E03	81KAR 428B	17	642540	4992930	TN 112	GNSS	26.	14.	52.	31.	30.	.05	50.	2.50	4.0	400.	3.00	.10	1.0	NA
31E03	81KAR 428C	17	642540	4992930	CO 011	GNSS	17.	16.	33.	10.	12.	.05	52.	2.50	6.0	130.	4.70	.10	1.0	NA
31E03	81KAR 429	17	640130	4989230	TN 10	GNSS	138.	12.	116.	18.	56.	.05	42.	3.90	3.0	390.	3.50	.10	4.0	110.
31E03	81KAR 430	17	639525	4989230	TU 112	GNSS	180.	13.	185.	26.	90.	.05	68.	4.40	4.0	430.	4.60	.10	4.0	65.
31E03	81KAR 430A	17	639525	4989230	F 011	GNSS	46.	10.	42.	12.	20.	.05	48.	5.50	4.0	140.	3.00	.10	1.0	NA
31E03	81KAR 431	17	629340	4990275	TU 10	GNSS	117.	10.	172.	28.	60.	.05	79.	1.60	4.0	535.	5.70	.10	3.0	85.
31E03	81KAR 432	17	628110	4993300	F 10	GNSS	81.	16.	135.	28.	38.	.05	78.	6.90	6.0	870.	5.60	.20	1.0	110.
31E03	81KAR 433	17	623430	4994700	F 10	GNSS	100.	12.	155.	16.	52.	.05	67.	2.00	4.0	540.	5.20	.10	27.0	65.
31E03	81KAR 434	17	621550	4993930	FO 10	GNSS	111.	11.	88.	30.	66.	.05	84.	3.20	6.0	315.	2.80	.10	4.0	NA
31E03	81KAR 435	17	620100	4992720	FU 10	GNSS	200.	18.	370.	30.	102.	.05	70.	8.30	4.0	850.	7.30	.10	4.0	55.
31E03	81KAR 437	17	649890	5001870	TU 112	GNSS	43.	10.	135.	16.	47.	.05	82.	1.00	3.0	465.	4.60	.10	3.0	30.
31E03	81KAR 437A	17	649890	5001870	TU 011	GNSS	80.	12.	120.	28.	54.	.05	53.	2.70	4.0	345.	3.40	.10	4.0	155.
31E03	81KAR 438	17	650100	4999890	TU 10	GNSS	45.	13.	75.	32.	35.	.05	56.	2.00	4.0	370.	3.10	.20	26.0	NA
31E03	81KAR 439	17	650825	5000650	TN 11	GNSS	82.	10.	155.	38.	68.	.05	57.	1.60	4.0	470.	3.50	.10	3.0	170.
31E03	81KAR 439A	17	650825	5000650	TU 01	GNSS	22.	14.	65.	10.	15.	.05	52.	1.70	5.0	240.	3.60	.40	3.0	450.
31E03	81KAR 440	17	652460	5002900	TU 112	GNSS	55.	12.	70.	26.	35.	.05	48.	2.70	4.0	350.	2.80	.10	1.0	NA
31E03	81KAR 440A	17	652460	5002900	TU 011	GNSS	24.	20.	34.	14.	17.	.05	64.	2.10	6.0	65.	3.90	.10	2.0	570.
31E03	81KAR 442	17	656350	5003950	TN 10	GNSS	77.	10.	125.	26.	58.	.05	56.	.90	4.0	360.	2.80	.10	2.0	170.
31E03	81KAR 443	17	656500	5010500	TN 112	GNSS	190.	12.	240.	30.	90.	1.60	38.	2.20	4.0	540.	4.10	.10	3.0	NA
31E03	81KAR 443A	17	656500	5010500	TN 011	GNSS	127.	18.	145.	54.	68.	.05	72.	2.50	6.0	690.	4.30	.10	3.0	NA
31E03	81KAR 444	17	650700	5004500	TU 10	GNSS	44.	11.	93.	10.	36.	.05	67.	.05	5.0	138.	4.80	.10	1.0	NA
31E03	81KAR 445	17	650900	5005600	TU 10	GNSS	107.	14.	130.	31.	76.	.05	64.	1.10	4.0	465.	3.60	.10	4.0	160.
31E03	81KAR 447	17	635750	4998250	TU 10	GNSS	65.	14.	110.	16.	32.	.05	58.	5.30	6.0	375.	3.60	.10	1.0	NA
31E03	81KAR 448	17	632775	4994000	TU 10	GNSS	70.	16.	105.	26.	40.	.05	56.	2.00	5.0	520.	4.40	.10	5.0	145.
31E03	81KAR 449	17	631775	4993500	VO 10	GNSS	45.	8.	192.	14.	50.	.05	94.	.20	3.0	680.	5.70	.10	1.0	10.

MAP	ID	UTM ZN	COORDINATES EAST NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPB
31E03	81KAR 445A	17	631775 4993500	F 01		GNSS	60.	23.	77.	18.	42.	.05	148.	4.50	4.0	90C.	5.90	.10	5.0	NA
31E03	81KAR 450	17	635275 4992660	T0 10		GNSS	150.	15.	270.	38.	66.	.05	52.	2.70	6.0	110C.	6.70	.10	3.0	110.
31E03	81KAR 451	17	622150 5004410	V0 10		GNSS	39.	6.	140.	12.	40.	.05	70.	.50	3.0	49C.	4.80	.10	1.0	10.
31E03	81KAR 452	17	623850 5005480	V0 10		GNSS	53.	12.	94.	8.	29.	.05	64.	24.00	6.0	375.	4.60	.10	2.0	50.
31E03	81KAR 453	17	620750 5001300	V0 10		GNSS	45.	14.	125.	20.	55.	.05	82.	1.10	2.0	73C.	4.20	.60	1.0	30.
31E03	81KAR 454	17	619640 5005910	V0 10		GNSS	91.	13.	130.	29.	65.	.05	54.	2.70	2.0	37C.	3.40	.10	1.0	145.
31E03	81KAR 456	17	619375 5003790	TU 10		GNSS	127.	14.	175.	18.	56.	.05	58.	2.40	3.0	54C.	4.70	.10	1.0	40.
31E03	81KAR 458	17	619650 5001400	V0 10		GNSS	47.	11.	125.	17.	44.	.05	72.	2.20	2.0	53C.	4.40	.10	1.0	45.
31E03	81KAR 459	17	620150 4997050	F 10		GNSS	230.	43.	350.	57.	110.	.05	97.	13.50	4.0	170C.	6.70	.80	1.0	NA
31E03	81KAR 460	17	621510 4995920	T0 10		GNSS	106.	13.	220.	23.	80.	.05	78.	8.30	18.0	38C.	5.70	.10	2.0	130.
31E03	81KAR 461	17	622240 4997600	V0 10		GNSS	45.	10.	110.	16.	52.	.05	92.	2.10	1.0	625.	4.70	.10	6.0	20.
31E03	81KAR 463	17	626500 4985480	V0 10		GNSS	44.	10.	125.	16.	50.	.05	78.	.90	2.0	345.	4.10	.10	3.0	30.
31E03	81KAR 472	17	654720 4989375	T0 10		GNSS	27.	15.	70.	14.	20.	.05	52.	2.30	4.0	22C.	3.20	.10	1.0	490.
31E03	81KAR 473	17	654810 4987600	T0 10		GNSS	75.	11.	92.	40.	65.	.05	78.	3.50	3.0	725.	3.50	.30	1.0	395.
31E03	81KAR 477	17	646450 4984450	T0 10		GNSS	72.	14.	170.	32.	47.	.05	70.	6.20	6.0	700.	4.00	.10	1.0	200.
31E06	81KAR 218	17	636900 5022740	TN 112		GNSS	250.	10.	208.	43.	92.	.05	61.	9.40	7.0	490.	4.70	.30	2.0	100.
31E06	81KAR 218A	17	636900 5022740	VU 011		GNSS	40.	2.	118.	14.	32.	.05	59.	1.00	5.0	520.	4.40	.10	1.0	20.
31E06	81KAR 219	17	636650 5023190	TU 10		GNSS	43.	3.	124.	14.	32.	.05	59.	2.80	7.0	53C.	4.20	.10	1.0	40.
31E06	81KAR 220	17	639350 5021250	TU 113	3.50	GNSS	91.	3.	115.	12.	36.	.05	40.	4.40	7.0	240.	3.40	.10	2.0	80.
31E06	81KAR 220A	17	639350 5021250	TU 012	1.75	GNSS	145.	5.	151.	40.	85.	.05	48.	1.00	7.0	36C.	4.90	.10	2.0	60.
31E06	81KAR 220B	17	639350 5021250	TU 011	.50	GNSS	133.	3.	83.	24.	55.	.05	40.	2.10	7.0	240.	3.00	.10	2.0	NA
31E06	81KAR 221	17	637830 5022000	TN 1.		GNSS	24.	10.	121.	26.	43.	.05	74.	.90	7.0	34C.	5.60	.90	4.0	305.
31E06	81KAR 222	17	636000 5023890	F0 10		GNSS	29.	14.	32.	18.	14.	.05	55.	2.30	9.0	330.	3.20	.70	5.0	NA
31E06	81KAR 223	17	633370 5022620	VU 10		GNSS	49.	4.	119.	16.	36.	.05	59.	1.90	4.0	51C.	4.50	.10	1.0	20.
31E06	81KAR 224	17	633510 5022200	TN 10		GNSS	30.	12.	97.	12.	24.	.05	51.	1.90	9.0	240.	3.70	.50	3.0	NA
31E06	81KAR 225	17	634860 5022750	TN 10		GNSS	79.	4.	154.	20.	46.	.05	40.	1.10	4.0	38C.	3.50	.10	2.0	85.
31E06	81KAR 226	17	634780 5028750	FN 10		GNSS	103.	8.	85.	24.	38.	.05	42.	4.10	7.0	24C.	2.80	.50	2.0	105.
31E06	81KAR 227	17	633950 5026000	T0 10		GNSS	29.	2.	36.	6.	16.	.05	26.	.40	7.0	115.	3.30	.30	1.0	70.
31E06	81KAR 228	17	634800 5024530	TN 10		GNSS	76.	4.	127.	16.	32.	.05	38.	1.60	7.0	20C.	3.00	.50	2.0	165.
31E06	81KAR 229	17	629850 5024500	TN 10		GNSS	83.	8.	130.	22.	56.	.05	80.	3.20	9.0	24C.	4.60	.50	3.0	105.
31E06	81KAR 230	17	629470 5029450	TN 10		GNSS	118.	4.	148.	24.	68.	.05	53.	3.80	7.0	345.	3.70	.50	2.0	140.
31E06	81KAR 231	17	640450 5022450	T0 10		GNSS	43.	8.	70.	14.	34.	.05	51.	4.40	9.0	18C.	3.60	.50	4.0	320.
31E06	81KAR 232	17	639150 5021880	TU 10		GNSS	67.	4.	76.	20.	34.	.05	34.	2.30	7.0	245.	2.80	.50	1.0	65.
31E06	81KAR 233	17	628410 5026470	T0 10		GNSS	25.	6.	145.	6.	22.	.05	57.	2.60	9.0	18C.	4.10	.50	3.0	325.
31E06	81KAR 234	17	629700 5023880	TU 112		GNSS	155.	4.	290.	28.	82.	.05	80.	4.40	7.0	355.	4.90	.30	1.0	40.
31E06	81KAR 234A	17	629700 5023880	VU 011		GNSS	55.	4.	112.	20.	38.	.05	55.	3.10	9.0	42C.	4.00	.20	1.0	40.
31E06	81KAR 235	17	630450 5022150	TU 115	8.00	GNSS	116.	4.	119.	22.	44.	.05	48.	4.00	7.0	445.	4.90	.30	2.0	35.
31E06	81KAR 235A	17	630450 5022150	VU 014	4.00	GNSS	41.	2.	113.	18.	38.	.05	63.	4.00	8.0	565.	4.10	.10	2.0	30.
31E06	81KAR 235B	17	630450 5022150	TU 013	4.25	GNSS	36.	4.	94.	18.	43.	.05	61.	1.10	7.0	52C.	4.00	.10	2.0	40.
31E06	81KAR 235C	17	630450 5022150	TN 012	5.00	GNSS	137.	4.	142.	22.	58.	.05	59.	4.00	7.0	500.	5.60	.10	1.0	40.
31E06	81KAR 235D	17	630450 5022150	VU 011	6.75	GNSS	46.	2.	124.	16.	36.	.05	57.	1.90	7.0	52C.	4.70	.10	2.0	20.
31E06	81KAR 236	17	630300 5022650	TU 10		GNSS	82.	4.	118.	24.	64.	.05	65.	1.50	7.0	545.	4.50	.30	2.0	45.
31E06	81KAR 237	17	630480 5023230	TU 112	6.50	GNSS	118.	4.	89.	20.	61.	.05	51.	3.20	7.0	305.	3.30	.50	2.0	85.
31E06	81KAR 237A	17	630480 5023230	TU 011	5.00	GNSS	121.	4.	85.	16.	43.	.05	48.	3.60	4.0	265.	3.20	.30	1.0	60.
31E06	81KAR 239	17	629830 5020110	TU 10		GNSS	121.	2.	100.	18.	44.	.05	42.	3.60	4.0	240.	2.90	.30	1.0	70.
31E06	81KAR 240	17	638550 5022580	FN 10		GNSS	118.	4.	94.	32.	62.	.05	57.	3.20	4.0	465.	3.80	.30	2.0	85.
31E06	81KAR 241	17	640550 5027890	FD 10		GNSS	50.	8.	125.	18.	37.	.05	98.	2.90	7.0	295.	3.30	.30	2.0	160.
31E06	81KAR 242	17	638850 5026990	T0 10		GNSS	103.	12.	142.	16.	43.	.05	57.	2.30	5.0	230.	4.40	.30	2.0	185.
31E06	81KAR 243	17	635440 5029170	T0 1C		GNSS	88.	8.	124.	30.	43.	.05	35.	5.50	7.0	175.	3.80	.30	3.0	115.
31E06	81KAR 244	17	636450 5029550	T0 10		GNSS	52.	8.	103.	18.	24.	.05	34.	1.50	7.0	285.	3.40	.50	3.0	180.
31E06	81KAR 245	17	636250 5030760	TN 10		GNSS	49.	8.	148.	16.	24.	.05	42.	3.40	7.0	170.	3.60	.50	4.0	330.

MAP	ID	UTM ZN	CORGINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
31E06	81KAR 246	17	641940	5025230	FN 10		GNSS	62.	12.	82.	24.	53.	.05	46.	5.50	7.0	285.	4.30	.30	4.0	200.
31E06	81KAR 247	17	644310	5027180	TU 10		GNSS	116.	8.	124.	14.	47.	.05	45.	1.50	7.0	265.	3.40	.30	1.0	45.
31E06	81KAR 248	17	643300	5029650	TU 10		GNSS	55.	20.	91.	20.	24.	.05	63.	4.60	9.0	400.	5.90	.50	4.0	270.
31E06	81KAR 249	17	643750	5028850	TU 10		GNSS	101.	10.	142.	24.	38.	.05	44.	1.70	4.0	420.	4.00	.30	1.0	245.
31E06	81KAR 250	17	644330	5027580	TU 10		GNSS	85.	12.	91.	20.	40.	.05	40.	NA	9.0	265.	3.00	.50	3.0	NA
31E06	81KAR 251	17	646200	5025830	TU 10		GNSS	67.	8.	92.	22.	49.	.05	44.	2.50	7.0	200.	3.10	.50	4.0	125.
31E06	81KAR 252	17	626690	5029160	TU 112	2.00	GNSS	91.	8.	97.	16.	32.	.05	38.	2.50	4.0	345.	3.10	.10	2.0	30.
31E06	81KAR 252A	17	626690	5029160	TU 011	1.25	GNSS	127.	8.	119.	22.	40.	.05	38.	1.90	4.0	325.	3.30	.10	1.0	50.
31E06	81KAR 253	17	623320	5030680	TU 10		GNSS	70.	12.	176.	16.	32.	.05	40.	3.40	7.0	285.	3.30	.50	5.0	NA
31E06	81KAR 254	17	624930	5031150	TU 10		GNSS	130.	10.	106.	32.	61.	.05	44.	4.00	7.0	285.	2.90	.30	6.0	135.
31E06	81KAR 255	17	622300	5032980	TU 10		GNSS	70.	14.	91.	16.	28.	.05	46.	5.50	7.0	340.	4.30	.50	5.0	NA
31E06	81KAR 256	17	621500	5035410	FN 10		GNSS	160.	10.	186.	36.	65.	.05	57.	6.50	9.0	720.	6.40	.30	2.0	115.
31E06	81KAR 258	17	619700	5027190	FO 10		GNSS	15.	12.	67.	24.	18.	.05	48.	NA	9.0	380.	2.10	.60	4.0	NA
31E06	81KAR 259	17	617950	5021910	AO 10		GNSS	10.	8.	56.	12.	9.	.05	33.	3.80	11.0	390.	2.50	.50	3.0	NA
31E06	81KAR 260A	17	623670	5020760	TU 112		GNSS	40.	8.	80.	14.	26.	.05	38.	1.70	2.0	400.	2.90	.10	3.0	NA
31E06	81KAR 261	17	625720	5018560	TU 10		GNSS	22.	12.	55.	10.	16.	.05	40.	2.90	9.0	180.	3.40	.20	3.0	170.
31E06	81KAR 262	17	619460	5015170	FO 10		GNSS	111.	30.	154.	16.	36.	.05	58.	3.30	9.0	400.	4.80	.50	5.0	NA
31E06	81KAR 263	17	643500	5022140	TU 10		GNSS	119.	14.	112.	20.	55.	.05	57.	4.20	9.0	200.	5.20	.30	3.0	110.
31E06	81KAR 264	17	644940	5023410	VU 012		GNSS	40.	8.	160.	14.	38.	.05	70.	1.40	7.0	575.	4.80	.10	2.0	15.
31E06	81KAR 264A	17	644940	5023410	TN 111		GNSS	151.	10.	184.	26.	80.	.05	57.	4.80	7.0	370.	4.50	.20	1.0	60.
31E06	81KAR 265	17	646360	5024840	TN 112	2.50	GNSS	103.	8.	142.	28.	80.	.05	44.	2.70	7.0	305.	3.80	.30	1.0	NA
31E06	81KAR 265A	17	646360	5024840	TN 011	3.50	GNSS	139.	10.	192.	28.	100.	.05	56.	1.00	9.0	285.	4.60	.30	2.0	NA
31E06	81KAR 266	17	650320	5026430	TU 112	2.25	GNSS	130.	12.	130.	20.	44.	.05	34.	NA	6.0	240.	3.60	.30	2.0	NA
31E06	81KAR 266A	17	650320	5026430	TU 011	.50	GNSS	77.	9.	90.	25.	36.	.05	39.	NA	8.0	200.	3.60	.60	5.0	NA
31E06	81KAR 268	17	651670	5030500	TU 10		GNSS	154.	24.	400.	55.	142.	.05	58.	20.00	11.0	705.	6.60	.30	4.0	135.
31E06	81KAR 269	17	650280	5024590	TU 10		GNSS	52.	12.	97.	14.	30.	.05	48.	.05	7.0	435.	3.70	.10	2.0	30.
31E06	81KAR 270	17	653610	5023610	TN 11		GNSS	91.	8.	124.	12.	32.	.05	40.	3.10	7.0	335.	3.60	.10	1.0	25.
31E06	81KAR 270A	17	653610	5023610	TU 01		GNSS	109.	8.	103.	10.	34.	.05	39.	2.50	7.0	265.	3.20	.10	1.0	40.
31E06	81KAR 271	17	631330	5023100	VU 10		GNSS	52.	7.	120.	13.	30.	.05	46.	1.30	2.0	400.	3.80	.10	1.0	2.
31E06	81KAR 272	17	639430	5035110	TU 113		GNSS	116.	8.	120.	16.	38.	.05	34.	1.00	1.0	460.	2.40	.10	3.0	NA
31E06	81KAR 272A	17	639430	5035110	TU 012		GNSS	69.	10.	78.	16.	32.	.05	30.	.20	2.0	420.	2.30	.10	3.0	40.
31E06	81KAR 272B	17	639430	5035110	FO 011		GNSS	20.	14.	55.	8.	13.	.20	48.	.90	3.0	200.	4.40	.10	4.0	75.
31E06	81KAR 272C	17	639430	5035110	TU 01		GNSS	85.	12.	84.	18.	34.	.05	35.	.05	2.0	440.	2.70	.10	2.0	45.
31E06	81KAR 273	17	639950	5036400	TU 10		GNSS	74.	9.	58.	20.	36.	.05	38.	1.40	2.0	355.	2.70	.10	1.0	80.
31E06	81KAR 274	17	641230	5038160	TN 012		GNSS	87.	9.	52.	19.	31.	.05	41.	.80	2.0	285.	2.50	.20	1.0	50.
31E06	81KAR 274A	17	641230	5038160	TN 111		GNSS	34.	8.	78.	16.	40.	.05	60.	3.00	2.0	300.	2.60	.50	10.0	35.
31E06	81KAR 275	17	633130	5039250	TN 10		GNSS	184.	8.	88.	17.	46.	.05	57.	1.40	3.0	355.	3.90	.10	1.0	45.
31E06	81KAR 277	17	634520	5035010	TN 10		GNSS	112.	12.	120.	20.	43.	.05	53.	2.80	2.0	510.	3.40	.10	4.0	30.
31E06	81KAR 278	17	629120	5037900	TN 10		GNSS	132.	10.	150.	22.	48.	.05	44.	1.90	3.0	265.	3.50	.20	1.0	70.
31E06	81KAR 280	17	627910	5035510	TU 10		GNSS	56.	10.	121.	26.	44.	.05	57.	.60	4.0	580.	4.20	.10	5.0	115.
31E06	81KAR 281	17	630100	5035670	TN 10		GNSS	38.	12.	72.	24.	38.	.05	58.	1.90	3.0	300.	4.00	.10	5.0	120.
31E06	81KAR 282	17	630180	5032060	FO 10		GNSS	28.	8.	29.	27.	31.	.05	36.	1.90	3.0	260.	2.20	.10	1.0	NA
31E06	81KAR 283	17	633360	5032570	FN 10		GNSS	120.	26.	92.	36.	48.	.30	63.	NA	8.0	600.	4.60	.10	1.0	NA
31E06	81KAR 284	17	637520	5018840	TU 114	12.00	GNSS	85.	29.	66.	18.	29.	.05	41.	4.80	5.0	170.	3.60	.30	3.0	NA
31E06	81KAR 284A	17	637520	5018840	TU 013	9.00	GNSS	67.	7.	120.	14.	30.	.05	40.	.80	2.0	330.	2.60	.10	2.0	15.
31E06	81KAR 284B	17	637520	5018840	TU 012	6.00	GNSS	164.	18.	200.	26.	52.	.05	46.	5.00	3.0	525.	5.70	.30	NA	NA
31E06	81KAR 284C	17	637520	5018840	TU 011	2.00	GNSS	190.	23.	200.	30.	57.	.05	48.	4.30	3.0	210.	4.10	.20	3.0	115.
31E06	81KAR 285	17	630960	5014170	TU 10		GNSS	102.	11.	118.	14.	51.	.05	42.	1.70	5.0	130.	4.40	.40	1.0	500.
31E06	81KAR 286	17	629400	5012640	TU 10		GNSS	62.	7.	45.	5.	12.	.05	58.	3.00	8.0	68.	5.00	.10	1.0	540.
31E06	81KAR 287	17	633230	5013150	TU 10		GNSS	24.	8.	61.	13.	20.	.05	34.	2.50	4.0	160.	2.60	.30	4.0	NA
31E06	81KAR 287	17	633230	5013150	TU 10		GNSS	57.	8.	115.	9.	28.	.05	38.	2.10	3.0	170.	3.30	.20	1.0	80.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BORK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31E06	81KAR 288	17	634120	5011950	VO 10		53.	9.	120.	15.	30.	.30	44.	1.60	2.0	450.	3.30	.10	1.0	30.
31E06	81KAR 289	17	636890	5014120	TO 10	GNSS	137.	16.	134.	42.	47.	.05	48.	6.00	5.0	305.	4.00	.20	2.0	70.
31E06	81KAR 290A	17	635890	5013800	VU 111	GNSS	55.	9.	780.	16.	23.	.05	40.	1.10	3.0	280.	3.00	.10	3.0	NA
31E06	81KAR 291	17	634540	5014630	FO 10	GNSS	169.	13.	187.	31.	60.	.05	45.	6.70	4.0	385.	3.90	.50	4.0	NA
31E06	81KAR 292	17	639250	5019350	TO 10	GNSS	23.	8.	40.	4.	12.	.05	48.	4.10	6.0	58.	3.20	.30	1.0	NA
31E06	81KAR 293	17	643450	5019850	FO 10	GNSS	57.	18.	110.	27.	33.	.05	58.	2.30	4.0	1100.	5.80	.50	5.0	260.
31E06	81KAR 294	17	644470	5019230	TO 10	GNSS	156.	18.	120.	27.	82.	.05	54.	1.80	5.0	175.	6.30	.30	7.0	210.
31E06	81KAR 295	17	645850	5020060	TO 10	GNSS	295.	18.	230.	38.	93.	.05	66.	3.20	5.0	355.	5.50	.10	4.0	165.
31E06	81KAR 296	17	644570	5021150	TO 11	GNSS	47.	10.	128.	18.	36.	.05	52.	1.50	3.0	430.	3.70	.10	1.0	40.
31E06	81KAR 296A	17	644570	5021150	FO 01	GNSS	24.	15.	190.	18.	20.	.05	44.	.50	5.0	540.	8.00	.80	1.0	260.
31E06	81KAR 297	17	648000	5020720	TN 10	GNSS	235.	21.	295.	28.	94.	.05	79.	3.20	7.0	355.	6.80	.20	3.0	190.
31E06	81KAR 298	17	650290	5018350	TO 10	GNSS	138.	11.	124.	31.	60.	.05	45.	.90	2.0	220.	2.90	.90	4.0	140.
31E06	81KAR 299	17	650260	5017300	TU 113	3.00 GNSS	250.	13.	220.	26.	78.	.05	60.	1.90	2.0	260.	3.10	.40	1.0	50.
31E06	81KAR 299A	17	650260	5017300	TU 012	2.00 GNSS	140.	12.	200.	26.	76.	.05	62.	1.20	2.0	265.	3.00	.20	2.0	90.
31E06	81KAR 299B	17	650260	5017300	TO 011	.50 GNSS	77.	8.	111.	12.	40.	.05	49.	1.50	3.0	73.	3.50	.40	2.0	250.
31E06	81KAR 328	17	654490	5030390	TO 10	GNSS	96.	17.	220.	44.	82.	.05	72.	NA	7.0	390.	4.00	.10	8.0	NA
31E06	81KAR 329	17	654640	5030970	TN 10	GNSS	415.	23.	175.	138.	400.	.05	100.	NA	8.0	655.	6.10	.10	NA	NA
31E06	81KAR 330	17	653840	5033100	FO 10	GNSS	37.	12.	72.	37.	37.	.05	44.	1.20	4.0	440.	3.20	.10	6.0	90.
31E06	81KAR 331	17	655590	5031520	TO 10	GNSS	152.	10.	156.	30.	58.	.05	31.	NA	2.0	390.	2.60	.10	NA	NA
31E06	81KAR 332	17	649960	5036500	FO 10	GNSS	45.	20.	39.	45.	11.	.05	78.	7.20	6.0	1730.	6.90	.50	3.0	NA
31E06	81KAR 334	17	656160	5034430	F 10	GNSS	240.	7.	135.	28.	65.	.05	36.	4.50	2.0	410.	3.60	.30	1.0	30.
31E06	81KAR 342	17	654300	5025610	F 113	GNSS	86.	15.	50.	69.	35.	.30	142.	NA	8.0	775.	5.30	.10	8.0	NA
31E06	81KAR 342A	17	654300	5025610	F 012	GNSS	80.	11.	111.	26.	32.	.20	60.	2.20	6.0	370.	5.40	.10	6.0	250.
31E06	81KAR 342B	17	654300	5025610	F 011	GNSS	20.	14.	85.	4.	12.	.60	49.	.05	4.0	290.	5.20	.50	1.0	NA
31E06	81KAR 343	17	653890	5025290	TU 10	GNSS	80.	8.	113.	18.	35.	.05	33.	2.10	3.0	285.	2.90	.10	1.0	110.
31E06	81KAR 344	17	651900	5018870	TU 10	GNSS	84.	6.	90.	20.	35.	.05	31.	.05	2.0	280.	2.40	.10	4.0	NA
31E06	81KAR 345	17	652420	5018160	TU 10	GNSS	89.	6.	85.	12.	30.	.05	27.	1.50	2.0	270.	2.10	.10	3.0	30.
31E06	81KAR 345A	17	652420	5018160	TO 01	GNSS	112.	7.	100.	20.	46.	.05	34.	.30	3.0	340.	2.20	.10	2.0	30.
31E06	81KAR 345B	17	652420	5018160	TO 01	GNSS	38.	8.	111.	15.	25.	.05	47.	2.10	4.0	290.	4.30	.40	1.0	250.
31E06	81KAR 346	17	652560	5019210	FO 10	GNSS	160.	16.	240.	76.	91.	.40	52.	NA	12.0	680.	7.80	.10	8.0	NA
31E06	81KAR 401	17	655650	5018620	F 10	GNSS	105.	18.	215.	27.	66.	.05	67.	1.00	4.0	755.	6.40	.60	3.0	190.
31E06	81KAR 404	17	655570	5016770	FO 10	GNSS	87.	21.	240.	52.	78.	.05	65.	2.40	4.0	570.	6.20	.20	5.0	NA
31E06	81KAR 405	17	653510	5017260	TU 10	GNSS	157.	11.	205.	23.	58.	.05	53.	2.00	3.0	275.	4.00	.10	1.0	90.
31E06	81KAR 406	17	653230	5013290	TO 10	GNSS	88.	11.	124.	28.	44.	.05	70.	2.50	6.0	280.	5.20	.10	3.0	NA
31E06	81KAR 407	17	654500	5013550	TN 10	GNSS	34.	11.	66.	23.	34.	.05	33.	1.00	2.0	370.	2.60	.10	1.0	135.
31E06	81KAR 412	17	640550	5019470	VU 10	GNSS	46.	6.	104.	14.	28.	.05	49.	.60	2.0	380.	3.70	.10	3.0	NA
31E06	81KAR 413	17	639680	5017310	TU 10	GNSS	134.	10.	145.	24.	48.	.05	37.	2.60	1.0	270.	2.80	.10	1.0	75.
31E06	81KAR 414	17	639790	5014950	TN 112	GNSS	260.	20.	320.	52.	122.	.05	49.	2.00	4.0	620.	4.10	.10	6.0	90.
31E06	81KAR 414A	17	639790	5014950	VU 011	GNSS	55.	10.	108.	19.	32.	.05	48.	NA	3.0	330.	3.60	.10	3.0	NA
31E06	81KAR 415	17	648000	5016290	TN 10	GNSS	69.	12.	60.	19.	41.	.05	38.	3.10	2.0	145.	2.80	.10	4.0	NA
31E06	81KAR 416	17	648800	5016630	TU 10	GNSS	146.	10.	215.	21.	53.	.05	48.	4.70	3.0	255.	3.90	.10	4.0	70.
31E06	81KAR 417	17	644400	5014710	TN 10	GNSS	146.	16.	176.	33.	54.	.05	50.	1.80	3.0	360.	3.60	.10	3.0	NA
31E06	81KAR 418	17	641760	5013660	FO 10	GNSS	125.	18.	164.	35.	84.	.05	67.	2.70	3.0	580.	3.60	.10	3.0	170.
31E06	81KAR 420	17	639120	5013140	TU 10	GNSS	88.	10.	106.	18.	21.	.05	45.	NA	2.0	370.	2.90	.10	NA	NA
31E06	81KAR 421	17	639300	5012740	TU 012	GNSS	174.	14.	129.	36.	57.	.05	48.	4.90	2.0	370.	3.00	.10	3.0	NA
31E06	81KAR 421A	17	639300	5012740	FO 111	GNSS	58.	16.	45.	47.	23.	.05	52.	3.20	4.0	490.	2.80	.10	8.0	NA
31E06	81KAR 423	17	630480	5023230	TU 016	3.00 GNSS	92.	6.	83.	14.	30.	.05	30.	2.00	3.0	350.	2.10	.10	1.0	NA
31E06	81KAR 423A	17	630480	5023230	TU 115	2.50 GNSS	83.	4.	93.	12.	32.	.05	35.	2.60	1.0	255.	2.80	.10	1.0	35.
31E06	81KAR 423B	17	630480	5023230	TO 014	2.00 GNSS	82.	7.	85.	14.	56.	.05	37.	1.20	3.0	360.	2.50	.10	2.0	NA
31E06	81KAR 423C	17	630480	5023230	TO 013	1.50 GNSS	116.	14.	116.	20.	116.	.05	68.	2.60	3.0	370.	3.30	.10	2.0	50.
31E06	81KAR 4230	17	630480	5023230	TO 012	1.00 GNSS	118.	20.	140.	26.	116.	.05	84.	1.70	2.0	450.	3.40	.10	1.0	40.

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CD	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31E06	81KAR 423E	17	630480	5023230	T0 011	.50 GNSS	152.	30.	152.	33.	244.	.05	84.	1.00	2.0	50C.	3.20	.10	1.0	100.
31E06	81KAR 424	17	630491	5023241	TN 11	5.25 GNSS	120.	9.	86.	20.	44.	.05	36.	1.20	2.0	40C.	2.60	.10	1.0	NA
31E06	81KAR 424A	17	630491	5023241	TN 01	4.50 GNSS	132.	8.	92.	20.	34.	.05	36.	NA	3.0	44C.	2.60	.10	NA	NA
31E06	81KAR 424B	17	630491	5023241	TN 01	3.50 GNSS	118.	8.	88.	18.	34.	.05	38.	2.70	3.0	37C.	2.60	.10	1.0	50.
31E06	81KAR 424C	17	630491	5023241	TN 01	2.75 GNSS	118.	8.	92.	19.	42.	.05	42.	1.90	4.0	40C.	2.60	.10	1.0	50.
31E06	81KAR 424D	17	630491	5023241	TN 01	2.00 GNSS	108.	4.	92.	13.	36.	.05	38.	2.50	2.0	250.	2.70	.10	1.0	50.
31E06	81KAR 424E	17	630491	5023241	T0 01	1.50 GNSS	94.	8.	92.	20.	39.	.05	38.	1.00	4.0	44C.	2.60	.10	2.0	50.
31E06	81KAR 424F	17	630491	5023241	T0 01	1.00 GNSS	61.	10.	64.	20.	40.	.05	32.	.80	3.0	39C.	2.20	.10	1.0	75.
31E06	81KAR 424G	17	630491	5023241	T0 01	.75 GNSS	64.	8.	66.	23.	50.	.05	38.	.80	4.0	35C.	2.40	.10	3.0	75.
31E07	81KAR 300	17	659520	5021220	F0 10	GNSS	120.	15.	190.	52.	66.	.05	68.	8.30	15.0	114C.	6.80	.20	1.0	90.
31E07	81KAR 302	17	662060	5024090	T0 10	GNSS	96.	25.	240.	44.	72.	.05	70.	NA	4.0	48C.	4.60	.10	5.0	NA
31E07	81KAR 303	17	665320	5029070	T0 11	3.50 GNSS	109.	11.	112.	26.	41.	.05	48.	.30	4.0	32C.	3.00	.10	3.0	NA
31E07	81KAR 303A	17	665320	5029070	T0 01	2.00 GNSS	170.	9.	190.	31.	65.	.05	52.	1.00	3.0	50C.	3.60	.20	1.0	190.
31E07	81KAR 303B	17	665320	5029070	T0 01	1.00 GNSS	64.	8.	95.	26.	41.	.05	48.	NA	4.0	225.	3.50	.10	3.0	NA
31E07	81KAR 304	17	667430	5030140	F0 10	GNSS	60.	7.	71.	29.	40.	.05	45.	1.30	3.0	290.	3.00	.10	2.0	160.
31E07	81KAR 305	17	668100	5031550	T0 01	2.75 GNSS	120.	16.	120.	50.	92.	.05	65.	2.50	3.0	820.	5.30	.10	3.0	110.
31E07	81KAR 305A	17	668100	5031550	T0 11	1.50 GNSS	100.	10.	122.	45.	58.	.05	54.	2.30	3.0	67C.	4.70	.10	3.0	190.
31E07	81KAR 305B	17	668100	5031550	T0 01	.75 GNSS	37.	14.	58.	25.	30.	.05	54.	.90	4.0	30C.	4.50	.10	4.0	NA
31E07	81KAR 306	17	670330	5033940	TU 112	1.50 GNSS	154.	5.	168.	15.	45.	.05	44.	1.80	2.0	505.	3.50	.20	1.0	90.
31E07	81KAR 306A	17	670330	5033940	T0 011	.50 GNSS	147.	10.	122.	26.	57.	.05	49.	.80	2.0	41C.	3.00	.20	1.0	105.
31E07	81KAR 307	17	675910	5016360	F0 10	GNSS	64.	9.	132.	18.	40.	.05	44.	.40	2.0	54C.	2.80	.30	3.0	50.
31E07	81KAR 308	17	661820	5014590	F0 10	2.75 GNSS	182.	43.	480.	60.	84.	.05	62.	NA	6.0	100C.	5.60	.10	3.0	NA
31E07	81KAR 309	17	662060	5014580	TU 11	3.00 GNSS	154.	7.	240.	16.	48.	.05	38.	1.90	2.0	295.	3.60	.20	1.0	40.
31E07	81KAR 309A	17	662060	5014580	TU 01	2.00 GNSS	225.	14.	485.	25.	87.	.05	52.	2.70	3.0	295.	3.80	.30	2.0	85.
31E07	81KAR 309B	17	662060	5014580	T0 01	1.00 GNSS	125.	14.	680.	42.	74.	.05	58.	2.30	4.0	515.	3.50	.70	5.0	150.
31E07	81KAR 310	17	661960	5013280	F 10	GNSS	192.	18.	183.	72.	90.	.10	56.	NA	6.0	80C.	5.50	.10	NA	NA
31E07	81KAR 311	17	662420	5014420	T0 112	2.50 GNSS	230.	16.	255.	52.	76.	.05	100.	NA	5.0	100C.	6.70	.10	2.0	NA
31E07	81KAR 311A	17	662420	5014420	T0 011	1.50 GNSS	180.	16.	195.	42.	70.	.05	83.	2.10	5.0	715.	6.10	.10	1.0	NA
31E07	81KAR 312	17	662230	5016660	F0 10	GNSS	185.	10.	152.	34.	75.	.05	57.	.20	2.0	450.	3.10	.10	2.0	NA
31E07	81KAR 313	17	662620	5016860	TN 11	13.50 GNSS	139.	9.	160.	18.	36.	.05	46.	.50	2.0	345.	5.30	.10	1.0	10.
31E07	81KAR 313A	17	662620	5016860	TN 01	12.00 GNSS	138.	10.	142.	17.	41.	.05	43.	.70	2.0	315.	4.90	.10	1.0	10.
31E07	81KAR 313B	17	662620	5016860	TN 01	9.50 GNSS	84.	10.	144.	20.	40.	.05	44.	.05	2.0	38C.	3.90	.10	3.0	25.
31E07	81KAR 313C	17	662620	5016860	TN 01	4.50 GNSS	180.	10.	144.	31.	58.	.05	51.	1.90	3.0	365.	3.80	.20	1.0	40.
31E07	81KAR 313D	17	662620	5016860	TN 01	2.00 GNSS	176.	11.	146.	34.	80.	.40	50.	1.30	3.0	375.	3.70	.10	1.0	70.
31E07	81KAR 314	17	664490	5014500	F 10	GNSS	104.	16.	104.	52.	74.	.05	48.	1.60	15.0	78C.	3.60	.10	4.0	70.
31E07	81KAR 315	17	666220	5013880	T0 10	GNSS	104.	16.	137.	21.	58.	.05	64.	3.40	4.0	47C.	4.80	.10	1.0	265.
31E07	81KAR 316	17	665940	5013000	TU 10	GNSS	180.	16.	560.	34.	93.	.10	46.	6.60	3.0	375.	3.40	.50	1.0	125.
31E07	81KAR 317	17	670320	5018430	F0 10	GNSS	158.	23.	92.	30.	51.	.05	115.	6.90	8.0	415.	1.00	.10	5.0	470.
31E07	81KAR 318	17	668440	5018000	F0 10	GNSS	85.	21.	91.	59.	38.	.05	58.	9.20	6.0	940.	4.00	.40	1.0	NA
31E07	81KAR 319	17	667610	5019640	T0 10	GNSS	82.	8.	77.	21.	40.	.05	33.	1.70	3.0	25C.	2.80	.10	1.0	90.
31E07	81KAR 320	17	669720	5022320	TN 10	GNSS	139.	14.	145.	55.	118.	.05	79.	1.70	4.0	54C.	5.40	.20	1.0	290.
31E07	81KAR 321	17	674730	5023660	T0 11	GNSS	195.	16.	160.	28.	160.	.05	59.	3.00	3.0	49C.	3.10	.20	1.0	80.
31E07	81KAR 321A	17	674730	5023660	T0 01	GNSS	160.	8.	145.	32.	100.	.05	56.	.60	2.0	520.	2.60	.10	2.0	NA
31E07	81KAR 322	17	675400	5023990	TU 10	GNSS	86.	13.	84.	20.	76.	.05	64.	.30	3.0	410.	3.00	.10	1.0	65.
31E07	81KAR 322A	17	675400	5023990	F0 01	MAFR	56.	15.	85.	44.	58.	.05	76.	.90	4.0	660.	4.40	.50	4.0	NA
31E07	81KAR 323	17	679080	5023350	T0 112	GNSS	100.	6.	84.	10.	37.	.05	30.	1.60	2.0	195.	2.10	.10	1.0	30.
31E07	81KAR 323A	17	679080	5023350	T0 011	GNSS	110.	10.	113.	18.	46.	.05	38.	.50	2.0	340.	2.60	.10	3.0	50.
31E07	81KAR 325	17	676220	5030180	F 10	GNSS	88.	11.	97.	35.	50.	.40	59.	1.30	4.0	675.	4.20	.10	1.0	185.
31E07	81KAR 326	17	675800	5030870	T0 10	GNSS	176.	16.	135.	36.	123.	.05	53.	1.90	3.0	765.	3.80	.10	1.0	150.
31E07	81KAR 327	17	675070	5031200	TU 112	GNSS	124.	12.	110.	20.	50.	.05	39.	1.30	3.0	42C.	2.60	.10	3.0	50.
31E07	81KAR 327A	17	675070	5031200	T0 011	GNSS	134.	7.	102.	13.	41.	.05	34.	2.80	2.0	265.	3.00	.10	1.0	20.

MAP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
11E07	81KAR 337	17	661180	5035680	TN 10		GNSS	153.	14.	220.	41.	64.	.05	64.	1.20	2.0	900.	4.60	.10	4.0	150.
11E07	81KAR 338	17	658250	5035460	TN 10		GNSS	38.	14.	54.	28.	26.	.05	60.	5.00	5.0	885.	6.00	.30	2.0	240.
11E07	81KAR 339	17	657140	5033280	TU 10		GNSS	59.	6.	57.	22.	24.	.05	33.	.30	2.0	360.	2.60	.10	3.0	NA
11E07	81KAR 340	17	659130	5034100	TN 10		GNSS	320.	19.	315.	51.	100.	.05	57.	11.70	5.0	930.	5.70	.10	1.0	165.
11E07	81KAR 341	17	658090	5033000	TU 10		GNSS	136.	12.	116.	24.	54.	.05	60.	4.10	2.0	460.	3.90	.10	1.0	160.
11E07	81KAR 402	17	657620	5013790	TU 10		GNSS	82.	64.	380.	52.	65.	.20	58.	3.00	4.0	660.	4.60	.30	3.0	230.
11E07	81KAR 403	17	657290	5013780	TN 013	.75	GNSS	140.	13.	290.	26.	57.	.20	62.	1.70	4.0	500.	3.80	.10	2.0	90.
11E07	81KAR 403A	17	657290	5013780	TN 112	1.50	GNSS	107.	14.	205.	26.	54.	.05	56.	2.10	3.0	375.	3.60	.40	1.0	70.
11E07	81KAR 403B	17	657290	5013780	TU 011	3.50	GNSS	27.	14.	220.	22.	26.	.05	56.	.80	4.0	450.	5.40	.60	4.0	315.
11E07	81KAR 410	17	661050	5012890	TU 011	3.00	GNSS	120.	13.	176.	24.	42.	.05	52.	2.10	3.0	440.	3.90	.10	2.0	45.
11E07	81KAR 410A	17	661050	5012890	TU 11	1.50	GNSS	194.	9.	195.	22.	75.	.05	46.	2.80	3.0	365.	3.70	.30	1.0	NA
11E07	81KAR 411	17	658610	5012680	TU 013	13.00	GNSS	94.	10.	140.	18.	32.	.05	30.	NA	2.0	420.	3.00	.10	NA	NA
11E07	81KAR 411A	17	658610	5012680	TU 112	5.00	GNSS	98.	9.	155.	17.	34.	.05	37.	2.20	1.0	380.	3.90	.10	4.0	70.
11E07	81KAR 411B	17	658610	5012680	TU 011	1.50	GNSS	33.	11.	120.	15.	29.	.05	44.	2.10	3.0	160.	4.00	.40	5.0	305.
11E07	81KAR 412	17	670330	5033940	TU 10		GNSS	94.	8.	103.	16.	34.	.05	40.	3.10	7.0	285.	4.70	.10	1.0	50.
11E08	81KAR 549	17	715150	5038800	TU 10		GNSS	71.	17.	86.	26.	50.	.60	45.	2.00	2.0	420.	2.90	.10	3.0	145.
11E08	81KAR 550	17	715530	5036560	TU 10		GNSS	54.	24.	50.	33.	36.	.40	60.	3.30	3.0	400.	3.60	.10	4.0	NA
11E08	81KAR 551	17	715600	5035120	TU 113		GNSS	87.	14.	87.	20.	48.	.05	39.	3.20	2.0	400.	2.80	.10	2.0	95.
11E08	81KAR 551A	17	715600	5035120	TU 012		GNSS	84.	18.	74.	20.	35.	.05	43.	4.20	2.0	470.	3.00	.20	1.0	NA
11E08	81KAR 551B	17	715600	5035120	FU 011		GNSS	48.	23.	43.	48.	26.	.05	69.	2.70	4.0	480.	3.20	.20	6.0	350.
11E08	81KAR 552	17	714300	5035480	TU 10		GNSS	86.	20.	69.	36.	40.	.05	64.	4.80	5.0	425.	5.10	.10	3.0	415.
11E08	81KAR 553	17	712880	5036780	TU 10		GNSS	103.	10.	129.	19.	38.	.40	52.	2.40	3.0	418.	3.10	.10	NA	NA
11E08	81KAR 554	17	710500	5035500	F 10		GNSS	235.	23.	198.	40.	84.	.05	72.	3.70	3.0	1100.	4.60	.10	3.0	NA
11E08	81KAR 555	17	715500	5039500	TU 10		GNSS	290.	13.	200.	34.	100.	.05	58.	3.60	3.0	440.	3.80	.10	2.0	30.
11E08	81KAR 556	17	723420	5037610	TU 10		GNSS	36.	16.	57.	13.	20.	.05	54.	2.60	4.0	330.	3.20	.30	2.0	335.
11E08	81KAR 564	17	700660	5041050	F 10		GNSS	110.	29.	85.	64.	70.	.50	144.	6.70	9.0	1400.	7.60	.20	1.0	NA
11E08	81KAR 565	17	700480	5039820	TU 113	.75	GNSS	94.	12.	110.	20.	38.	.05	53.	1.80	2.0	380.	3.50	.10	1.0	55.
11E08	81KAR 565A	17	700480	5039820	TU 012	.50	GNSS	112.	16.	135.	28.	66.	.30	45.	1.90	4.0	510.	3.10	.10	1.0	NA
11E08	81KAR 565B	17	700480	5039820	TN 011	.25	GNSS	48.	20.	68.	20.	28.	.05	60.	4.20	4.0	170.	4.20	.10	7.0	NA
11E08	81KAR 566	17	699350	5037650	TU 112		GNSS	95.	23.	132.	30.	58.	.05	62.	2.40	4.0	570.	4.40	.10	1.0	NA
11E08	81KAR 567	17	699050	5032750	F 10		GNSS	320.	21.	350.	54.	128.	.05	75.	5.70	4.0	1100.	6.00	.10	2.0	NA
11E08	81KAR 568	17	700950	5031640	TU 10		GNSS	156.	19.	92.	34.	58.	.05	87.	3.00	6.0	430.	5.80	.10	5.0	NA
11E08	81KAR 569	17	701810	5028050	TU 10		GNSS	36.	12.	108.	28.	35.	.05	63.	1.60	6.0	380.	5.50	.20	4.0	295.
11E08	81KAR 570	17	703840	5027275	F 10		GNSS	140.	35.	145.	40.	68.	.05	118.	3.70	5.0	880.	5.70	.10	6.0	125.
11E08	81KAR 571	17	732200	5020000	F 10		GNSS	37.	20.	30.	10.	34.	.05	157.	3.80	3.0	410.	2.90	.10	3.0	315.
11E08	81KAR 572	17	731500	5019870	TN 01		GNSS	176.	19.	120.	35.	86.	.05	69.	11.70	4.0	715.	4.30	.10	2.0	120.
11E08	81KAR 572A	17	731500	5019870	TN 11		GNSS	105.	15.	57.	12.	78.	.40	105.	10.60	18.0	180.	5.90	.10	1.0	200.
11E08	81KAR 573	17	731500	5019870	TU 01		GNSS	65.	27.	32.	12.	29.	.30	100.	12.10	12.0	102.	6.40	.30	2.0	NA
11E08	81KAR 573B	17	730460	5019720	TU 10		GNSS	88.	11.	78.	20.	39.	.40	34.	2.30	2.0	360.	2.40	.10	1.0	75.
11E08	81KAR 574	17	729650	5014750	F 10		GNSS	182.	23.	103.	46.	84.	.05	97.	4.20	8.0	870.	5.20	.10	4.0	NA
11E08	81KAR 575	17	727550	5016570	FU 10		GNSS	157.	32.	126.	57.	72.	.05	100.	5.30	6.0	720.	4.50	.10	5.0	175.
11E08	81KAR 576	17	728300	5019800	TU 10		GNSS	96.	15.	95.	24.	40.	.05	45.	3.00	3.0	560.	3.50	.10	1.0	140.
11E08	81KAR 577	17	729150	5021530	TU 10		GNSS	84.	18.	130.	22.	48.	.05	52.	2.20	4.0	360.	3.20	.10	3.0	125.
11E08	81KAR 578	17	730700	5019830	TU 115	4.00	GNSS	83.	11.	185.	12.	31.	.05	44.	1.80	2.0	370.	3.40	.10	1.0	10.
11E08	81KAR 578A	17	730700	5019830	TU 014	3.00	GNSS	100.	14.	155.	13.	47.	.05	50.	1.90	2.0	410.	3.80	.10	1.0	20.
11E08	81KAR 578B	17	730700	5019830	TU 013	2.00	GNSS	120.	12.	170.	12.	36.	.05	51.	3.70	3.0	460.	3.30	.10	5.0	60.
11E08	81KAR 578C	17	730700	5019830	TU 012	1.25	GNSS	140.	16.	148.	18.	58.	.05	60.	3.10	2.0	470.	3.50	.10	3.0	160.
11E08	81KAR 578D	17	730700	5019830	TN 011	.50	GNSS	55.	19.	122.	26.	38.	.05	53.	1.80	4.0	310.	2.90	.50	5.0	245.
11E08	81KAR 579	17	714730	5032880	TU 112	1.50	GNSS	155.	18.	160.	18.	44.	.05	48.	3.80	2.0	600.	3.00	.10	1.0	80.
11E08	81KAR 579A	17	714730	5032880	TU 011	.50	GNSS	146.	12.	120.	18.	46.	.05	45.	1.90	3.0	400.	3.20	.10	1.0	NA
11E08	81KAR 580	17	713690	5031120	TN 10		GNSS	110.	12.	102.	23.	48.	.05	37.	1.70	3.0	430.	3.20	.10	2.0	60.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BORK	CU	PB	ZN	CO	NI	AG	CR	U	MO	PN	FE	CD	AS	HC
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31E08	81KAR 581	17	712700	5028750	TN 10		GNSS	115.	15.	170.	36.	.05	68.	1.40	4.0	840.	4.40	.10	2.0	185.
31E08	81KAR 582	17	710700	5026050	F 10		GNSS	33.	22.	30.	18.	.05	40.	4.30	2.0	180.	2.80	.10	3.0	NA
31E08	81KAR 583	17	710280	5025820	TU 10		GNSS	96.	12.	120.	16.	.05	32.	1.60	1.0	500.	2.60	.10	4.0	65.
31E08	81KAR 584	17	709180	5023600	F 01		GNSS	109.	14.	88.	25.	.05	134.	5.60	8.0	460.	5.80	.10	5.0	NA
31E08	81KAR 584A	17	709180	5023600	TU 11		GNSS	70.	11.	80.	16.	.05	90.	2.40	5.0	360.	3.80	.10	1.0	330.
31E08	81KAR 585	17	706000	5019000	F 10		GNSS	61.	26.	77.	22.	.05	62.	2.20	8.0	600.	5.20	.10	7.0	NA
31E08	81KAR 586	17	704700	5017140	F 10		GNSS	52.	20.	84.	18.	.05	70.	8.90	6.0	620.	5.40	.10	7.0	375.
31E08	81KAR 587	17	704600	5016740	FU 10		GNSS	68.	19.	78.	16.	.05	55.	4.20	6.0	240.	3.40	.10	3.0	320.
31E08	81KAR 588	17	711720	5024130	TU 10		GNSS	90.	17.	130.	23.	.05	71.	3.80	6.0	400.	6.00	.20	3.0	245.
31E08	81KAR 589	17	712500	5022000	F 10		GNSS	115.	22.	120.	44.	.05	68.	2.60	4.0	1100.	4.00	.10	3.0	170.
31E08	81KAR 590	17	713200	5020950	TN 10		GNSS	125.	14.	80.	22.	.05	44.	2.10	3.0	440.	2.80	.10	5.0	NA
31E08	81KAR 591	17	713700	5019600	TN 10		GNSS	48.	14.	68.	22.	.05	60.	2.20	4.0	498.	3.40	.10	3.0	185.
31E08	81KAR 592	17	713800	5018470	TN 10		GNSS	46.	16.	60.	15.	.05	75.	2.60	3.0	360.	3.90	.10	2.0	NA
31E08	81KAR 593	17	713620	5016400	F 10		GNSS	300.	24.	235.	56.	.05	320.	3.00	5.0	1200.	5.70	.10	5.0	140.
31E08	81KAR 594	17	714060	5015100	TU 11		GNSS	145.	15.	125.	24.	.05	43.	4.20	4.0	460.	3.80	.10	2.0	40.
31E08	81KAR 594A	17	714060	5015100	TU 01		GNSS	145.	18.	140.	26.	.05	54.	.05	3.0	540.	3.40	.10	3.0	NA
31E08	81KAR 595	17	716260	5040830	TU 114	4.50	GNSS	125.	12.	155.	12.	.05	34.	1.40	2.0	460.	3.50	.10	2.0	20.
31E08	81KAR 595A	17	716260	5040830	TU 013	3.50	GNSS	130.	10.	158.	24.	.05	38.	1.00	2.0	430.	3.70	.10	3.0	10.
31E08	81KAR 595B	17	716260	5040830	TU 012	2.50	GNSS	125.	16.	153.	10.	.05	38.	2.70	2.0	370.	3.20	.10	1.0	40.
31E08	81KAR 595C	17	716260	5040830	TU 011	1.50	GNSS	80.	16.	85.	18.	.05	45.	1.60	2.0	358.	3.00	.10	1.0	185.
31E08	81KAR 596	17	719680	5037450	TU 115	5.00	GNSS	94.	16.	138.	12.	.05	47.	2.40	2.0	470.	4.00	.10	1.0	40.
31E08	81KAR 596A	17	719680	5037450	TU 014	4.00	GNSS	76.	16.	110.	9.	.05	37.	4.20	2.0	430.	3.00	.10	1.0	80.
31E08	81KAR 596B	17	719680	5037450	TU 013	3.00	GNSS	100.	16.	120.	10.	.05	40.	4.40	3.0	400.	3.00	.10	1.0	100.
31E08	81KAR 596C	17	719680	5037450	TN 012	2.00	GNSS	175.	14.	130.	26.	.05	68.	1.80	2.0	530.	3.80	.10	2.0	125.
31E08	81KAR 596D	17	719680	5037450	FU 011	1.00	GNSS	110.	16.	125.	40.	.05	76.	1.70	4.0	700.	3.40	.10	4.0	NA
31E08	81KAR 597	17	720050	5036950	TN 016	6.50	GNSS	98.	11.	67.	13.	.05	32.	.05	2.0	301.	2.60	.10	2.0	NA
31E08	81KAR 597A	17	720050	5036950	TN 015	4.75	GNSS	64.	10.	60.	8.	.05	24.	1.50	7.0	230.	2.20	.10	1.0	30.
31E08	81KAR 597B	17	720050	5036950	TU 114	3.75	GNSS	160.	12.	140.	19.	.05	50.	2.10	2.0	470.	3.50	.10	1.0	40.
31E08	81KAR 597C	17	720050	5036950	TU 013	2.75	GNSS	195.	12.	145.	24.	.05	46.	2.00	2.0	580.	3.00	.10	2.0	65.
31E08	81KAR 597D	17	720050	5036950	TU 012	1.75	GNSS	160.	12.	140.	15.	.05	44.	1.90	2.0	390.	3.60	.10	2.0	65.
31E08	81KAR 597E	17	720050	5036950	TU 011	.50	GNSS	30.	16.	34.	5.	.05	38.	1.80	4.0	90.	2.80	.10	3.0	NA
31E08	81KAR 598	17	721930	5030000	VN 10		GNSS	64.	20.	125.	20.	.05	64.	3.90	2.0	460.	4.50	.10	3.0	95.
31E08	81KAR 599	17	721400	5029850	TU 10		GNSS	140.	15.	140.	30.	.05	75.	2.90	3.0	540.	4.40	.10	2.0	135.
31E08	81KAR 600	17	724100	5032470	TU 10		GNSS	67.	21.	70.	33.	.05	57.	3.80	4.0	860.	2.70	.10	3.0	NA
31E08	81KAR 601	17	727000	5030770	TU 10		GNSS	135.	12.	145.	13.	.05	32.	2.40	1.0	360.	2.90	.10	3.0	25.
31E08	81KAR 602	17	728570	5028290	TU 013	4.00	GNSS	178.	18.	250.	20.	.05	49.	3.30	4.0	500.	4.00	.10	3.0	NA
31E08	81KAR 602A	17	728570	5028290	TU 112	1.75	GNSS	210.	16.	260.	16.	.05	46.	5.50	4.0	580.	4.50	.10	4.0	115.
31E08	81KAR 602B	17	728470	5028290	TU 011	1.00	GNSS	153.	21.	180.	30.	.05	47.	2.90	4.0	590.	4.40	.10	1.0	135.
31E08	81KAR 603	17	729470	5026600	TU 10		GNSS	175.	16.	180.	32.	.05	57.	2.70	4.0	540.	3.40	.10	6.0	110.
31E08	81KAR 604	17	730050	5028900	TU 10		GNSS	130.	24.	190.	26.	.05	56.	7.20	4.0	550.	4.00	.10	5.0	190.
31E08	81KAR 605	17	733670	5028960	TU 112		GNSS	96.	14.	96.	20.	.05	40.	2.50	2.0	320.	3.00	.10	2.0	95.
31E08	81KAR 605A	17	733670	5028960	TU 011		GNSS	14.	12.	60.	4.	.30	45.	2.00	8.0	74.	4.00	.20	1.0	NA
31E08	81KAR 606	17	730650	5030050	TU 10		GNSS	68.	14.	88.	32.	.05	40.	2.20	2.0	410.	3.00	.10	4.0	160.
31E08	81KAR 618	17	722740	5041950	TU 10		GNSS	15.	10.	105.	8.	.05	34.	3.50	2.0	270.	2.70	.10	3.0	15.
31E08	81KAR 619	17	726370	5040850	FU 10		GNSS	130.	13.	170.	33.	.05	56.	6.80	3.0	950.	5.00	.10	1.0	NA
31E08	81KAR 620	17	728850	5040120	TU 10		GNSS	185.	19.	126.	18.	.05	35.	5.80	4.0	520.	4.40	.10	1.0	NA
31E08	81KAR 621	17	730900	5040720	TU 10		GNSS	134.	16.	140.	15.	.05	39.	5.00	4.0	310.	4.20	.10	1.0	50.
31E09	81KAR 534	17	702230	5050270	TU 11	21.50	GNSS	78.	12.	130.	10.	.05	42.	2.40	2.0	400.	3.60	.10	5.0	10.
31E09	81KAR 534A	17	702230	5050270	TU 01	20.00	GNSS	79.	12.	132.	10.	.05	45.	2.40	2.0	400.	3.70	.10	2.0	5.
31E09	81KAR 534B	17	702230	5050270	TU 01	18.50	GNSS	62.	11.	120.	8.	.05	40.	1.80	2.0	378.	3.40	.10	6.0	2.
31E09	81KAR 534C	17	702230	5050270	TU 019	17.00	GNSS	73.	10.	130.	10.	.05	42.	2.00	2.0	372.	3.50	.10	1.0	2.

MAP	ID	UTM COORDINATES		SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HC PPM	
		ZN	EAST																		NORTH
31E09	81KAR	5340	17 702230	5050270	T0 018	15.50	GNSS	88.	12.	130.	13.	48.	.60	51.	4.20	3.0	49C.	3.60	.10	2.0	65.
31E09	81KAR	534E	17 702230	5050270	T0 017	14.00	GNSS	110.	14.	161.	12.	62.	.05	52.	3.20	2.0	39C.	3.90	.10	8.0	35.
31E09	81KAR	534F	17 702230	5050270	T0 016	12.50	GNSS	140.	13.	190.	16.	52.	.05	51.	2.10	2.0	40C.	4.60	.10	4.0	20.
31E09	81KAR	534G	17 702230	5050270	T0 015	11.00	GNSS	161.	16.	210.	17.	52.	.05	55.	2.80	2.0	41C.	4.60	.10	1.0	50.
31E09	81KAR	534H	17 702230	5050270	T0 014	9.50	GNSS	172.	16.	230.	18.	56.	.05	55.	2.90	3.0	42C.	4.60	.10	4.0	30.
31E09	81KAR	534I	17 702230	5050270	T0 013	3.50	GNSS	163.	18.	230.	19.	60.	.05	57.	2.60	4.0	42E.	4.40	.10	2.0	55.
31E09	81KAR	534J	17 702230	5050270	T0 012	1.50	GNSS	131.	19.	170.	29.	60.	.05	48.	2.70	4.0	48C.	4.00	.10	1.0	90.
31E09	81KAR	534K	17 702230	5050270	T0 011	.50	GNSS	57.	22.	75.	14.	28.	.05	53.	3.20	6.0	215.	4.60	.10	3.0	NA
31E09	81KAR	535	17 702580	5045510	T0 113	3.00	GNSS	101.	11.	152.	13.	42.	.05	47.	3.00	3.0	42C.	3.80	.10	3.0	20.
31E09	81KAR	535A	17 702580	5045510	T0 012	1.50	GNSS	93.	16.	110.	14.	38.	.05	48.	3.40	3.0	43C.	3.70	.10	2.0	55.
31E09	81KAR	535B	17 702580	5045510	T0 011	.50	GNSS	85.	26.	90.	26.	54.	.05	90.	2.80	4.0	42C.	4.40	.10	4.0	20.
31E09	81KAR	536	17 707550	5051930	T0 112	GNSS	95.	19.	103.	29.	56.	.05	63.	2.80	4.0	595.	4.00	.10	4.0	260.	
31E09	81KAR	536A	17 707550	5051930	T0 C11	GNSS	60.	13.	85.	20.	34.	.90	42.	2.40	4.0	62C.	3.20	.10	4.0	NA	
31E09	81KAR	537	17 707630	5053330	F 10	GNSS	74.	26.	94.	37.	40.	.05	59.	3.20	2.0	116C.	4.20	.20	NA	NA	
31E09	81KAR	538	17 706370	5056110	T0 10	GNSS	185.	22.	270.	30.	88.	.05	69.	3.30	4.0	49E.	5.40	.10	1.0	NA	
31E09	81KAR	539	17 707350	5054460	F 112	GNSS	210.	20.	245.	42.	84.	.40	54.	.05	4.0	90C.	4.50	.10	4.0	NA	
31E09	81KAR	539A	17 707350	5054460	F 011	GNSS	71.	12.	130.	12.	42.	.05	54.	2.60	3.0	51E.	4.40	.10	3.0	NA	
31E09	81KAR	540	17 711480	5049900	T0 10	GNSS	65.	20.	55.	46.	52.	.70	62.	3.80	2.0	504.	3.40	.20	5.0	NA	
31E09	81KAR	541	17 713300	5047190	F 10	GNSS	219.	87.	216.	93.	100.	.70	106.	.05	11.0	2149.	7.30	.10	NA	NA	
31E09	81KAR	542	17 713370	5043810	F 10	GNSS	195.	14.	155.	32.	125.	.05	58.	3.80	4.0	87C.	3.80	.10	6.0	60.	
31E09	81KAR	557	17 701880	5056700	F 10	GNSS	85.	26.	151.	23.	48.	.30	68.	4.20	11.0	44C.	5.40	.30	5.0	NA	
31E09	81KAR	559	17 701400	5055200	TN 10	GNSS	94.	114.	110.	20.	31.	.05	42.	2.10	2.0	35C.	4.10	.10	1.0	35.	
31E09	81KAR	560	17 702100	5051740	TU 115	4.50	GNSS	155.	18.	178.	24.	62.	.05	52.	2.20	3.0	464.	4.60	.20	4.0	75.
31E09	81KAR	560A	17 702100	5051740	TU 014	3.25	GNSS	147.	12.	200.	14.	62.	.05	40.	3.40	2.0	39C.	4.00	.10	1.0	35.
31E09	81KAR	560B	17 702100	5051740	TU 013	2.50	GNSS	130.	18.	200.	16.	52.	.05	44.	3.00	2.0	45C.	3.40	.10	4.0	35.
31E09	81KAR	560C	17 702100	5051740	TU 012	1.75	GNSS	130.	16.	180.	14.	52.	.05	18.	3.80	3.0	380.	3.80	.20	2.0	NA
31E09	81KAR	560D	17 702100	5051740	TM 011	.50	GNSS	54.	20.	86.	20.	32.	.05	40.	2.20	2.0	26C.	3.10	.10	4.0	170.
31E09	81KAR	561	17 701300	5043820	F 10	GNSS	124.	26.	75.	46.	44.	.30	130.	.05	9.0	120C.	6.00	.20	2.0	NA	
31E09	81KAR	562	17 700050	5042600	TU 10	GNSS	160.	11.	175.	22.	56.	.05	48.	2.10	2.0	502.	3.80	.20	8.0	75.	
31E09	81KAR	563	17 700900	5042000	F 01	GNSS	150.	21.	140.	66.	138.	.05	70.	3.60	7.0	1160.	4.10	.30	7.0	NA	
31E09	81KAR	563A	17 700900	5042000	F 01	GNSS	135.	30.	135.	55.	56.	.05	56.	4.20	4.0	75C.	4.10	.10	9.0	NA	
31E09	81KAR	563B	17 700900	5042000	TU 11	GNSS	102.	14.	94.	34.	38.	.05	51.	2.50	2.0	370.	3.60	.20	7.0	170.	
31E09	81KAR	563C	17 700900	5042000	TU 01	GNSS	103.	19.	106.	52.	44.	.05	55.	3.40	4.0	57C.	3.60	.10	5.0	NA	
31E09	81KAR	563D	17 700900	5042000	T0 01	GNSS	35.	16.	98.	15.	18.	.30	58.	2.20	5.0	34C.	3.90	.30	5.0	350.	
31E10	81KAR	529	17 679200	5043900	FU 10	GNSS	64.	11.	90.	46.	48.	.05	106.	NA	4.0	75C.	3.90	.50	1.0	NA	
31E10	81KAR	530	17 680650	5045600	F 10	GNSS	165.	15.	195.	48.	106.	.05	64.	2.00	4.0	84C.	5.80	.30	6.0	80.	
31E10	81KAR	531	17 684500	5046750	VU 10	GNSS	50.	8.	97.	14.	32.	.05	64.	.60	3.0	385.	3.80	.10	1.0	20.	
31E10	81KAR	532	17 688160	5047670	T0 112	GNSS	148.	10.	198.	26.	62.	.05	56.	1.60	4.0	465.	3.90	.10	1.0	60.	
31E10	81KAR	532A	17 688160	5047670	T0 011	GNSS	62.	10.	112.	32.	50.	.05	48.	2.30	2.0	435.	3.30	.10	3.0	180.	
31E10	81KAR	533	17 679630	5051100	FU 10	GNSS	115.	33.	90.	38.	42.	.50	142.	6.80	8.0	65C.	7.10	.30	4.0	NA	
31E10	81KAR	544	17 678640	5049320	FU 10	GNSS	173.	24.	136.	47.	68.	.50	101.	4.40	6.0	90C.	4.10	.10	8.0	NA	
31E10	81KAR	545	17 668400	5057100	F 10	GNSS	57.	14.	53.	20.	18.	.60	73.	3.50	4.0	72C.	6.00	.10	27.0	NA	
31E10	81KAR	546	17 674370	5052700	F 10	GNSS	225.	21.	350.	52.	80.	.05	55.	3.40	4.0	110C.	4.00	.20	4.0	125.	
31E10	81KAR	547	17 676820	5049850	F 10	GNSS	35.	34.	28.	42.	35.	.05	230.	.05	5.0	837.	4.00	.10	5.0	NA	
31E10	81KAR	548	17 679280	5047780	F 10	GNSS	155.	62.	185.	48.	80.	.50	65.	1.90	5.0	67C.	4.10	.20	4.0	260.	
31F01	80AR	5	18 400909	4999260	TU 11	5.00	MRBL	32.	5.	80.	12.	24.	.30	38.	.80	7.0	75C.	1.95	.50	1.0	15.
31F01	80AR	5A	18 400909	4999260	TU 01	5.00	MRBL	30.	5.	77.	12.	23.	.20	36.	.90	6.0	75C.	1.90	.40	1.0	30.
31F01	80AR	6	18 406435	4995442	T0 10	1.50	GNSS	47.	8.	49.	11.	23.	.05	22.	.50	7.0	85C.	1.55	.60	4.0	135.
31F01	80AR	7	18 397791	4991509	T0 10	1.50	MRBL	58.	6.	98.	12.	33.	.05	46.	.80	6.0	550.	2.35	.50	1.0	65.
31F01	80AR	8B	18 394756	4991172	T0 11	AMPB	50.	9.	88.	14.	62.	.05	57.	.80	3.0	400.	2.85	.30	3.0	45.	
31F01	80AR	11	18 402960	5006498	TOP10	GRNT	100.	16.	185.	28.	70.	.60	62.	.80	3.0	120C.	6.25	.50	4.0	95.	

UTM COORDINATES

MAP ID

ZN EAST NORTH

SAMP TYPE

SAMP DEPTH

BORK TYPE

CU PPM

PB PPM

ZN PPM

CO PPM

NI PPM

AG PPM

CR PPM

U PPM

PO PPM

MN PPM

FE PCT

CD PPM

AS PPM

HG PPM

31F01 80AR	12	18 398982	5006194	10 10	AMPB	130.	11.	200.	16.	62.	.40	60.	.80	1.0	750.	5.40	.40	4.0
31F01 80AR	13	18 391268	4995395	10 111	3.00 MRBL	43.	8.	105.	12.	30.	.10	42.	.80	4.0	625.	2.60	.50	1.0
31F01 80AR	13A	18 391268	4995395	10 111	3.00 MRBL	48.	8.	110.	12.	33.	.05	42.	.80	4.0	650.	2.65	.50	1.0
31F01 80AR	13B	18 391268	4995395	10 111	3.00 MRBL	42.	7.	100.	12.	32.	.05	41.	.50	3.0	650.	2.50	.50	1.0
31F01 80AR	13C	18 391268	4995395	10 112	2.00 MRBL	75.	11.	155.	19.	50.	.40	58.	.80	3.0	800.	4.75	.50	1.0
31F01 80AR	14	18 382425	5000822	10 116	6.00 MRBL	54.	8.	105.	17.	36.	.05	47.	.50	4.0	750.	3.30	.50	1.0
31F01 80AR	14A	18 382425	5000822	10 015	5.00 MRBL	60.	7.	108.	13.	38.	.05	50.	.80	5.0	700.	3.20	.70	1.0
31F01 80AR	14B	18 382425	5000822	10 014	4.00 MRBL	55.	8.	120.	12.	38.	.05	51.	.80	6.0	650.	3.40	.60	1.0
31F01 80AR	14C	18 382425	5000822	10 013	2.00 MRBL	53.	7.	108.	14.	38.	.05	50.	.50	6.0	750.	3.15	.50	1.0
31F01 80AR	14D	18 382425	5000822	10 012	1.50 MRBL	52.	6.	105.	12.	34.	.20	46.	.80	6.0	650.	2.90	.60	1.0
31F01 80AR	14E	18 382425	5000822	10 011	.50 MRBL	60.	8.	108.	10.	36.	.30	46.	.80	5.0	600.	2.95	.60	1.0
31F01 81AR	10	18 381840	4984830	10 10	MRBL	124.	8.	160.	21.	60.	.05	54.	.60	5.0	860.	3.50	.50	1.0
31F01 81AR	20	18 383230	4995060	10 10	MRBL	107.	14.	111.	18.	58.	.05	80.	2.10	2.0	1600.	4.60	.30	6.0
31F01 81AR	23	18 386190	4993140	10 10	MRBL	88.	10.	127.	20.	44.	.05	36.	.30	6.0	840.	2.90	.50	9.0
31F01 81AR	24	18 382030	4997650	10 10	MVCC	94.	12.	147.	18.	52.	.05	69.	1.20	4.0	740.	4.50	.10	6.0
31F01 81AR	25	18 381600	4998825	10 10	MAFR	80.	20.	115.	20.	46.	.05	64.	1.40	3.0	1450.	4.10	.50	6.0
31F01 81AR	54	18 390350	5004120	10 10	MVCC	164.	13.	160.	24.	92.	.40	82.	1.40	.5	1345.	4.80	.10	2.0
31F01 81AR	59	18 385450	4992600	10 10	MAFR	80.	8.	133.	21.	56.	.05	66.	.50	.5	860.	4.40	.10	7.0
31F01 80SAR	1	18 396893	5003281	10 112	4.00 MRBL	65.	8.	125.	13.	40.	.05	48.	.50	8.0	600.	3.10	.50	1.0
31F01 80SAR	1A	18 396893	5003281	10 011	1.50 MRBL	70.	10.	125.	14.	45.	.05	52.	.80	6.0	650.	2.90	.50	1.0
31F01 80SAR	18	18 396893	5003281	10 01	MRBL	59.	9.	140.	20.	45.	.20	62.	.60	5.0	800.	4.30	.40	2.0
31F01 80SAR	4	18 396763	5010202	10 11	GRNT	85.	9.	130.	15.	43.	.05	49.	.30	6.0	750.	3.36	.60	2.0
31F01 80SAR	19	18 389945	4993811	10 10	MRBL	85.	9.	122.	14.	35.	.05	40.	.60	6.0	1000.	3.15	.50	2.0
31F01 80SAR	20	18 389873	4993509	10 10	MRBL	45.	7.	73.	10.	23.	.05	32.	.50	7.0	900.	1.60	.40	2.0
31F01 80SAR	21	18 389431	4989235	10 112	MAFR	165.	14.	175.	20.	57.	.05	57.	.50	4.0	900.	3.90	.60	9.0
31F01 80SAR	21A	18 389431	4989235	10 011	MAFR	148.	15.	220.	23.	58.	.05	47.	.50	5.0	950.	3.85	1.50	7.0
31F01 80SAR	22	18 388264	4988900	10 10	MRBL	125.	11.	134.	17.	55.	.05	54.	.70	4.0	800.	3.75	1.00	3.0
31F01 80SAR	23	18 388366	4986160	10 112	MRBL	235.	8.	150.	33.	63.	.30	95.	.05	3.0	1110.	6.40	1.00	1.0
31F01 80SAR	23A	18 388366	4986160	10 011	MRBL	90.	10.	110.	35.	47.	.05	86.	1.50	7.0	1500.	9.90	.40	12.0
31F01 80SAR	25	18 383144	4987954	10 10	MAFR	105.	16.	135.	20.	57.	.30	59.	2.70	5.0	1800.	4.90	.90	7.0
31F01 81SAR	226	18 404460	4989540	10P10	GRNT	40.	31.	105.	36.	54.	.05	90.	1.60	4.0	980.	7.00	.10	6.0
31F01 81SAR	227	18 405580	4988630	10 10	AMPB	52.	14.	84.	13.	35.	.05	38.	3.40	3.0	780.	3.20	.10	4.0
31F01 81SAR	228	18 407000	4990425	10 11	MVCC	55.	15.	86.	13.	38.	.05	37.	.30	4.0	950.	2.80	.10	6.0
31F01 81SAR	228A	18 407000	4990425	10 01	MVCC	77.	14.	115.	10.	40.	.05	37.	.60	4.0	590.	4.00	.10	4.0
31F01 81SAR	229	18 405940	4995650	10 10	GNSS	55.	12.	60.	9.	30.	.05	28.	.80	3.0	950.	2.00	.10	5.0
31F01 81SAR	230	18 404775	4996050	10 10	GNSS	80.	12.	130.	17.	48.	.05	47.	.60	2.0	730.	5.20	.10	5.0
31F01 81SAR	231	18 401800	4997375	10 10	MAFR	76.	13.	150.	14.	48.	.05	62.	.90	4.0	520.	4.70	.10	3.0
31F01 81SAR	232	18 401075	4999000	10 10	MRBL	95.	13.	150.	19.	54.	.05	72.	1.20	4.0	950.	5.70	.10	7.0
31F01 81SAR	233	18 400400	5001200	10 10	MRBL	117.	18.	176.	18.	84.	.05	89.	1.00	4.0	814.	5.50	.10	6.0
31F01 81SAR	234	18 404660	5005750	10P10	MRBL	41.	10.	150.	17.	44.	.05	76.	.80	2.0	610.	5.00	.10	3.0
31F02 81AR	11	18 380520	4988920	10 10	MAFR	102.	12.	130.	16.	50.	.05	84.	1.40	2.0	875.	4.60	.30	4.0
31F02 81AR	13	18 376750	4987075	10 10	DORT	56.	27.	93.	35.	50.	.05	70.	3.40	4.0	1775.	5.50	.50	17.0
31F02 81AR	14	18 374690	4987110	10 10	DORT	162.	12.	160.	40.	62.	.05	50.	.60	2.0	1645.	4.60	.50	26.0
31F02 81AR	15	18 375750	4988300	10 10	DORT	150.	20.	141.	23.	43.	.05	42.	.80	3.0	1120.	4.90	.30	17.0
31F02 81AR	16	18 376000	4989060	10P10	DORT	80.	18.	89.	33.	50.	.05	74.	4.20	5.0	2995.	6.10	.30	19.0
31F02 81AR	17	18 378270	4991030	10 10	DORT	80.	14.	97.	23.	50.	.05	82.	2.20	3.0	1450.	4.60	.10	6.0
31F02 81AR	18	18 379300	4992270	10 10	DORT	90.	24.	97.	43.	58.	.05	92.	3.10	4.0	3065.	5.70	.50	16.0
31F02 81AR	19	18 379640	4993920	10 11	DORT	82.	8.	143.	18.	50.	.05	64.	.80	3.0	775.	4.70	.50	8.0
31F02 81AR	19A	18 379640	4993920	10 01	DORT	98.	10.	153.	30.	58.	.05	84.	.30	3.0	2070.	5.90	.50	13.0
31F02 81AR	19B	18 379640	4993920	10 01	DORT	143.	12.	157.	35.	65.	.05	66.	.60	3.0	1645.	5.40	.30	14.0
31F02 81AR	21	18 373150	4999520	10P10	GRNT	119.	14.	138.	21.	69.	.05	84.	2.20	3.0	1225.	4.50	.50	115.

MAP	ID	UTM COORDINATES		SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
		ZN	EAST																	
31F02 81KAR	26	18	378310	5003410	T0 10	MAFR	122.	15.	153.	30.	68.	.05	64.	.80	2.0	2925.	4.90	.50	14.0	160.
31F02 81KAR	27	18	375450	5005700	F 10	MAFR	425.	75.	360.	134.	198.	.05	78.	1.00	12.0	8380.	16.00	2.50	126.0	NA
31F02 81KAR	29	18	373375	5010510	TU 10	MRBL	61.	40.	210.	10.	32.	.40	30.	.60	4.0	675.	1.70	3.50	8.0	55.
31F02 81KAR	30	18	371650	5011760	TOP10	MRBL	1000.	15.	130.	64.	100.	.60	88.	3.30	7.0	1800.	6.00	4.50	6.0	265.
31F02 81KAR	32	18	364500	5011850	F 10	GNSS	129.	33.	145.	30.	52.	.30	118.	5.80	4.0	3100.	7.60	.50	14.0	280.
31F02 81KAR	33	18	362450	5010710	TU 10	GRAN	184.	22.	97.	33.	60.	.05	122.	15.10	8.0	880.	7.80	.50	12.0	230.
31F02 81KAR	34	18	361740	5009430	TU 10	GRAN	100.	18.	115.	23.	62.	.05	118.	10.00	10.0	1875.	6.50	.30	6.0	390.
31F02 81KAR	35	18	374460	5005100	TU 10	DORT	460.	12.	127.	134.	58.	.60	80.	1.00	5.0	6650.	20.00	.50	145.0	435.
31F02 81KAR	36	18	373100	5004130	F 10	DORT	450.	12.	149.	160.	100.	.70	100.	.05	4.0	6600.	9.00	1.00	195.0	120.
31F02 81KAR	37	18	372380	5000200	FN 10	MAFR	320.	10.	180.	92.	92.	.05	108.	.05	3.0	4750.	8.50	1.00	100.0	75.
31F02 81KAR	38	18	349700	4984400	TOP10	MAFR	153.	61.	180.	64.	46.	.50	108.	4.00	11.0	2600.	17.00	1.00	26.0	200.
31F02 81KAR	39	18	352000	4988100	TOP10	MAFR	134.	20.	175.	43.	94.	.05	90.	6.10	5.0	1950.	5.40	.50	5.0	170.
31F02 81KAR	40	18	352500	4988500	TOP10	MAFR	250.	14.	100.	56.	165.	.05	110.	2.10	6.0	1750.	13.80	.50	5.0	275.
31F02 81KAR	41	18	352400	4988840	TU 10	MAFR	280.	33.	220.	28.	96.	.60	58.	9.40	5.0	5900.	6.40	1.00	9.0	260.
31F02 81KAR	42	18	352540	4989380	F 10	MAFR	102.	24.	143.	20.	60.	.05	98.	16.00	3.0	1775.	6.30	.10	7.0	350.
31F02 81KAR	43	18	353950	4992470	TU 10	GNSS	134.	27.	132.	18.	56.	.40	116.	8.30	3.0	1275.	7.10	.50	5.0	335.
31F02 81KAR	44	18	355500	4993600	TOP10	GNSS	132.	28.	130.	18.	54.	.40	114.	5.00	5.0	1225.	6.90	.50	8.0	290.
31F02 81KAR	45	18	357430	4992640	FU 10	MRBL	50.	29.	100.	59.	88.	.05	180.	6.80	5.0	3300.	5.30	.80	13.0	330.
31F02 81KAR	46	18	357210	4992670	TOP10	GNSS	110.	33.	210.	40.	76.	.05	106.	7.20	5.0	3150.	6.30	1.30	14.0	340.
31F02 81KAR	47	18	355400	4995330	TU 10	MRBL	220.	27.	110.	38.	64.	.30	100.	9.60	7.0	2560.	6.40	.50	8.0	510.
31F02 81KAR	48	18	356080	4995950	TOP10	MRBL	280.	29.	155.	30.	70.	.40	112.	50.00	5.0	2520.	7.80	.50	11.0	575.
31F02 81KAR	49	18	356500	4997850	TU 10	MAFR	80.	23.	119.	28.	56.	.05	80.	6.20	3.0	2480.	5.20	.10	5.0	365.
31F02 81KAR	50	18	358800	5003200	TU 10	MAFR	78.	29.	123.	41.	58.	.30	96.	7.60	5.0	1775.	5.90	.10	8.0	285.
31F02 81KAR	51	18	360550	5007500	TU 10	MVCC	162.	23.	183.	35.	114.	.30	82.	8.50	5.0	3150.	7.60	.50	8.0	460.
31F02 81KAR	52	18	360880	5008120	F 10	MVCC	155.	20.	220.	51.	82.	.05	68.	1.00	4.0	2850.	5.50	.80	12.0	120.
31F02 81KAR	53	18	378100	5003600	TU 10	MAFR	190.	10.	160.	36.	69.	.40	60.	.05	.5	1220.	5.00	.30	16.0	NA
31F02 81KAR	55	18	376720	5000100	TU 10	DORT	117.	11.	150.	51.	72.	.05	78.	1.60	.5	1220.	5.60	.30	15.0	110.
31F02 81KAR	57	18	370620	4999140	TU 10	MVCC	61.	7.	160.	13.	40.	.05	46.	.30	6.0	645.	3.10	.10	3.0	40.
31F02 81KAR	58	18	366800	5004650	TU 10	MAFR	78.	26.	130.	46.	72.	.30	82.	3.50	6.0	1760.	8.00	.30	14.0	240.
31F02 81KAR	60	18	376940	4990720	TU 114	GRNT	66.	5.	113.	14.	40.	.05	54.	.30	5.0	645.	4.00	.10	3.0	25.
31F02 81KAR	60A	18	376940	4990720	TU 013	GRNT	76.	6.	130.	20.	52.	.20	64.	.30	5.0	715.	4.60	.10	6.0	50.
31F02 81KAR	60B	18	376940	4990720	TU 012	GRNT	60.	8.	126.	16.	43.	.05	58.	.20	6.0	600.	3.70	.10	5.0	15.
31F02 81KAR	60C	18	376940	4990720	TU 011	GRNT	60.	4.	100.	16.	40.	.05	58.	.30	6.0	645.	3.50	.10	5.0	20.
31F02 81KAR	61	18	372300	4997060	TU 10	DORT	119.	9.	164.	33.	69.	.20	80.	.05	.5	1220.	7.30	.10	50.0	50.
31F02 81KAR	62	18	374750	4990090	TU 10	DORT	240.	11.	169.	22.	84.	.40	64.	1.40	5.0	1600.	6.50	.10	19.0	200.
31F02 81KAR	63	18	373880	4990000	TU 10	MRBL	88.	3.	107.	22.	49.	.05	54.	.05	3.0	810.	5.20	.10	19.0	30.
31F02 81KAR	64	18	370300	4991330	TU 10	MRBL	138.	4.	136.	29.	60.	.20	74.	.05	5.0	1440.	6.70	.10	24.0	65.
31F02 81KAR	65	18	368430	4989220	TU 10	GNSS	98.	10.	97.	20.	43.	.05	74.	2.70	.5	1220.	4.80	.10	7.0	165.
31F02 81KAR	66	18	367910	4989700	TU 10	GNSS	76.	18.	130.	42.	81.	.40	68.	2.50	6.0	1895.	4.90	.50	17.0	0.
31F02 81KAR	67	18	364950	4986400	TU 112	GNSS	86.	9.	136.	21.	46.	.30	68.	.50	5.0	1000.	5.20	.10	8.0	85.
31F02 81KAR	67A	18	364950	4986400	TU 011	GNSS	99.	12.	130.	22.	57.	.40	82.	1.70	6.0	1220.	5.40	.10	14.0	245.
31F02 81KAR	68	18	361360	4986575	TU 10	MRBL	107.	20.	100.	38.	64.	.05	78.	1.60	4.0	2305.	6.20	.10	14.0	140.
31F02 81KAR	86	18	355130	4985760	TU 10	MRBL	143.	80.	930.	20.	69.	.05	60.	.50	5.0	765.	5.60	.50	60.0	55.
31F02 81KAR	87	18	357250	4988000	TU 10	GNSS	180.	24.	300.	42.	78.	.05	38.	.60	6.0	880.	4.80	.50	200.0	35.
31F02 81KAR	88	18	355050	4989420	F 10	MRBL	122.	38.	164.	58.	66.	.40	112.	7.20	8.0	3710.	9.70	.10	9.0	355.
31F02 81KAR	89	18	358660	4989200	TU 10	GNSS	260.	26.	182.	52.	104.	.60	78.	1.80	6.0	2425.	9.50	.10	51.0	350.
31F02 81KAR	90	18	361075	4991720	TU 10	GNSS	305.	20.	290.	47.	98.	.05	48.	.05	6.0	2000.	6.00	.50	235.0	NA
31F02 81KAR	91	18	364290	4992225	TU 10	MAFR	64.	8.	126.	15.	38.	.05	47.	.60	4.0	765.	3.30	.30	4.0	90.
31F02 81KAR	92	18	362420	4989400	TU 10	MAFR	90.	22.	120.	38.	57.	.40	82.	2.60	6.0	3035.	6.20	.30	13.0	225.
31F02 82KAR	768	18	346850	4986950	CU 10	MAFR	21.	23.	114.	11.	23.	.20	54.	7.80	5.0	301.	4.70	.05	1.0	0.
31F02 82KAR	769	18	347400	4987875	TOP10	GRNT	28.	37.	184.	16.	20.	.10	74.	11.00	8.0	480.	5.50	.20	6.0	0.

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	TYPE	CU	PB	ZN	CO	NI	AG	CR	U	PO	PN	FE	CD	AS	HG
		ZN	EAST	NORTH			PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31F02 82KAR	770	18	347200	4988100	FO	10	GRNT	128.	82.	243.	32.	44.	.70	90.	26.00	17.0	55C.	8.90	.05	8.0
31F02 82KAR	771	18	346950	4988500	FO	10	GRNT	38.	53.	116.	55.	48.	.05	99.	17.80	8.0	110C.	6.50	.05	8.0
31F02 82KAR	772	18	346870	4988600	FO	10	GRNT	105.	50.	212.	45.	77.	.05	94.	22.00	3.0	240C.	6.10	.05	8.0
31F02 82KAR	773	18	346380	4989310	FU	10	GRNT	370.	53.	299.	49.	79.	.50	67.	4.60	7.0	610C.	6.70	.40	1.0
31F02 82KAR	774	18	346275	4985350	FO	10	MAFR	41.	28.	109.	38.	42.	.40	70.	8.60	5.0	80C.	6.10	.05	1.0
31F02 82KAR	782	18	343300	4991500	FO	10	GRNT	93.	19.	283.	21.	47.	.05	82.	8.60	1.0	64C.	4.60	.05	3.0
31F02 82KAR	783	18	343750	4992575	FO	10	GRNT	166.	29.	169.	24.	56.	.05	85.	26.00	5.0	110C.	4.90	.05	4.0
31F02 82KAR	784	18	343275	4992650	FO	10	MAFR	204.	24.	184.	25.	56.	.05	92.	12.00	2.0	190C.	6.60	.05	5.0
31F02 82KAR	790	18	342600	4988460	FO	10	GRNT	44.	25.	127.	19.	53.	.20	76.	2.00	.5	130C.	4.80	.30	6.0
31F02 82KAR	792	18	355470	4984600	FO	10	GNSS	142.	34.	129.	27.	49.	.60	106.	7.10	4.0	300C.	7.30	.05	26.0
31F02 80SAR	41	18	353139	5009015	FO	113	4.00 GNSS	158.	14.	230.	16.	63.	.20	64.	2.30	5.0	70C.	6.00	.30	3.0
31F02 80SAR	41A	18	353139	5009015	FO	012	3.00 GNSS	123.	12.	185.	16.	55.	.20	68.	2.10	3.0	80C.	5.65	.30	2.0
31F02 80SAR	41B	18	353139	5009015	FO	011	2.00 GNSS	103.	15.	120.	16.	50.	.30	93.	3.80	7.0	300C.	5.75	.30	2.0
31F02 80SAR	42	18	350560	5007382	FO	113	MRBL	110.	27.	700.	19.	77.	.05	59.	1.40	9.0	60C.	4.80	2.40	2.0
31F02 81SAR	42A	18	350560	5007382	FO	012	MRBL	95.	23.	650.	16.	65.	.05	56.	1.50	8.0	55C.	3.90	8.50	1.0
31F02 81SAR	43	18	352773	5007369	FO	10	GNSS	153.	12.	200.	22.	73.	.05	43.	1.10	7.0	60C.	3.55	.60	2.0
31F02 81SAR	126	18	381700	4998830	FO	10	MRBL	160.	12.	196.	36.	76.	.05	49.	.10	2.0	110C.	4.20	.30	13.0
31F02 81SAR	127	18	381430	4999220	FO	11	ANPB	48.	5.	128.	14.	36.	.05	36.	.05	2.0	780.	3.00	.10	3.0
31F02 81SAR	127A	18	381430	4999220	FO	01	ANPB	95.	10.	160.	18.	54.	.05	36.	.20	4.0	940.	3.00	.10	8.0
31F02 81SAR	128	18	378775	5003000	FO	10	2.00 MAFR	200.	20.	160.	24.	56.	.05	56.	2.10	3.0	220C.	5.70	.10	18.0
31F02 81SAR	178	18	344000	5006340	FO	10	GNSS	220.	47.	340.	32.	93.	.30	87.	2.50	4.0	220C.	7.00	.60	1.0
31F03 80AR	426	18	303550	5012000	FO	10	MRBL	145.	9.	180.	18.	64.	.10	40.	.40	3.0	80C.	3.50	.80	4.0
31F03 80AR	427	18	305550	5012500	FO	10	MRBL	135.	11.	120.	16.	52.	.20	55.	1.30	3.0	95C.	5.25	.10	1.0
31F03 80AR	428	18	308075	5011050	FO	10	MG88	203.	10.	350.	38.	85.	.05	50.	.70	1.0	955.	3.80	.70	2.0
31F03 80AR	429	18	307340	5009740	FO	10	MG88	370.	20.	98.	39.	110.	.20	93.	2.80	5.0	1200C.	5.30	.10	4.0
31F03 80AR	430	18	310860	5009740	FO	10	GRNT	155.	50.	725.	30.	85.	.20	55.	.80	6.0	1200C.	6.30	1.50	6.0
31F03 80AR	431	18	313850	5010630	FO	10	GRNT	80.	24.	98.	36.	47.	.30	58.	4.00	6.0	130C.	5.65	.30	2.0
31F03 80AR	433	18	314110	5006800	FO	10	GNSS	100.	13.	135.	14.	40.	.20	45.	1.00	6.0	120C.	4.85	.30	2.0
31F03 80AR	434	18	321820	5000175	FO	10	MRBL	90.	8.	95.	12.	30.	.10	30.	.50	4.0	525.	4.70	.20	1.0
31F03 80AR	435	18	308370	5009075	FO	10	GNSS	115.	28.	135.	21.	53.	.20	65.	2.00	6.0	120C.	6.05	.10	1.0
31F03 80AR	736	18	322380	5001730	FO	10	MAFR	95.	12.	140.	16.	38.	.10	49.	1.00	2.0	875.	4.75	.10	1.0
31F03 80AR	740	18	321420	5006000	FO	11	MAFR	86.	14.	150.	16.	38.	.05	47.	1.90	4.0	1100C.	4.40	.20	1.0
31F03 80AR	740A	18	321420	5006000	FO	01	MAFR	74.	14.	155.	16.	34.	.20	40.	.80	4.0	1100C.	5.75	.10	1.0
31F03 80AR	742	18	330875	5012380	FO	10	GNSS	205.	19.	146.	0.	106.	.30	108.	2.30	4.0	162C.	7.80	.10	1.0
31F03 80AR	745	18	333000	5008540	FO	10	MRBL	63.	148.	254.	0.	53.	.60	49.	.50	6.0	3445.	6.20	3.10	1.0
31F03 80AR	746	18	332080	5007670	FO	10	MRBL	120.	32.	103.	0.	74.	.50	97.	10.70	9.0	2052.	12.50	.40	1.0
31F03 80AR	748	18	330310	5010500	FO	10	GRNT	145.	15.	160.	32.	145.	.20	83.	7.30	6.0	130C.	6.50	.10	2.0
31F03 80AR	753	18	334230	5005000	FO	10	MRBL	73.	8.	150.	15.	50.	.10	63.	.70	4.0	625.	5.20	.10	1.0
31F03 80AR	754	18	334230	5005060	FO	10	GRNT	143.	12.	180.	21.	70.	.30	78.	1.70	4.0	1056C.	6.40	.10	5.0
31F03 80AR	755	18	335260	4997180	FO	10	GNSS	50.	7.	107.	11.	29.	.10	39.	.40	6.0	78C.	3.00	.30	3.0
31F03 80AR	759	18	326675	4994075	FO	10	MAFR	112.	11.	176.	14.	33.	.05	41.	4.10	4.0	865.	4.50	.10	3.0
31F03 80AR	762	18	317030	4994520	FO	10	GRNT	102.	18.	112.	20.	35.	.20	58.	4.90	6.0	115C.	5.60	.20	3.0
31F03 80AR	763	18	310100	4993750	FO	10	GRNT	156.	13.	156.	14.	43.	.10	39.	2.40	5.0	590.	4.95	.30	3.0
31F03 80AR	764	18	319230	4993870	FO	115	6.00 GRNT	70.	7.	122.	13.	28.	.20	42.	.60	3.0	50C.	4.00	.10	2.0
31F03 80AR	764A	18	319230	4993870	FO	014	4.50 GRNT	81.	8.	151.	15.	37.	.10	50.	.60	3.0	54C.	4.75	.10	2.0
31F03 80AR	764B	18	319230	4993870	FO	113	2.50 GRNT	70.	6.	152.	14.	40.	.05	58.	.60	4.0	54C.	5.10	.10	1.0
31F03 80AR	764C	18	319230	4993870	FO	012	1.50 GRNT	95.	13.	120.	15.	29.	.05	54.	3.10	5.0	69C.	4.85	.10	2.0
31F03 80AR	778	18	329400	4992730	FO	10	MVCC	460.	13.	205.	23.	170.	.30	40.	5.50	5.0	1350.	4.70	.30	5.0
31F03 82KAR	776	18	341850	4985150	FO	10	GNSS	326.	37.	289.	75.	83.	.30	96.	3.60	5.0	550C.	8.80	.80	1.0
31F03 82KAR	777	18	340800	4986275	FO	10	GNSS	165.	23.	149.	50.	79.	.05	74.	3.70	1.0	160C.	5.10	.05	5.0
31F03 82KAR	778	18	338760	4988520	FO	10	GNSS	67.	21.	432.	31.	59.	.10	124.	6.30	3.0	180C.	6.50	.30	5.0

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MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MC PPM	MN PPM	FE PCT	CD PPM	AS PPM	HG PPM
31F03	82KAR 779	18	338700	4988140	F0 10		GNSS	154.	22.	210.	30.	72.	.10	204.	6.10	8.0	1692.	6.30	.05	1.0	0.
31F03	82KAR 780	18	338800	4987550	F0 10		GNSS	72.	35.	242.	24.	44.	.70	96.	4.40	6.0	670.	6.50	.05	5.0	0.
31F03	82KAR 781	18	342200	4985000	F0 10		MRBL	238.	25.	186.	37.	67.	.05	70.	1.20	2.0	1148.	5.30	.05	1.0	0.
31F03	82KAR 785	18	342400	4989850	F0 10		GRNT	53.	35.	89.	26.	38.	.05	95.	4.50	2.0	1800.	4.50	.70	1.0	0.
31F03	82KAR 786	18	341400	4991125	F0 10		MAFR	219.	21.	202.	29.	66.	.05	60.	1.40	1.0	2600.	5.20	.05	5.0	0.
31F03	82KAR 787	18	340550	4991550	F0 10		MAFR	235.	25.	93.	74.	72.	.05	87.	4.60	4.0	4000.	7.80	.05	7.0	0.
31F03	82KAR 788	18	340160	4993510	T0 10		MAFR	291.	32.	196.	48.	86.	.05	96.	9.30	4.0	2100.	8.10	.05	7.0	370.
31F03	82KAR 789	18	342580	4994620	F0 10		GRNT	318.	85.	204.	72.	112.	.10	72.	14.60	9.0	1600.	6.40	.30	11.0	0.
31F03	81SAR 179	18	342250	5005650	F0 10		GNSS	78.	17.	165.	14.	46.	.20	51.	.50	4.0	830.	3.40	.60	1.0	40.
31F03	81SAR 188	18	307560	4987320	F 10		GRNT	13.	11.	150.	20.	22.	.05	43.	.90	4.0	720.	6.00	.10	5.0	125.
31F03	81SAR 189	18	309230	4991700	F0 10		GRNT	152.	33.	112.	36.	52.	.05	78.	4.90	4.0	1650.	9.40	.10	16.0	125.
31F03	81SAR 190	18	310280	4991540	F0 10		GRNT	112.	48.	132.	34.	56.	.05	100.	10.00	3.0	1900.	7.40	.50	14.0	125.
31F03	81SAR 191	18	309840	4989600	TN 10		GRNT	30.	22.	72.	18.	30.	.05	64.	7.20	3.0	270.	4.60	.10	9.0	225.
31F03	81SAR 192	18	309700	4986400	F 10		GRNT	31.	32.	136.	24.	36.	.30	92.	.05	3.0	1900.	5.00	.50	NA	NA
31F04	80AR 191	18	282179	4988563	TN 10		MRBL	70.	12.	96.	14.	26.	.05	47.	2.00	5.0	600.	3.70	.10	2.0	110.
31F04	80AR 205	18	271479	4991640	F 10	2.50	SYNT	99.	13.	130.	14.	35.	.05	50.	2.10	5.0	525.	4.95	.10	2.0	60.
31F04	80AR 207	18	277752	4994805	TOP10		SYNT	70.	19.	92.	20.	37.	.05	61.	6.70	4.0	1050.	5.75	.30	2.0	NA
31F04	80AR 209	18	279766	4995982	TN 10	2.50	SYNT	205.	22.	148.	28.	58.	.20	48.	5.30	3.0	800.	4.36	.40	1.0	NA
31F04	80AR 210	18	279597	4998514	TN 10		SYNT	150.	15.	105.	27.	53.	.30	44.	4.80	3.0	700.	3.45	.20	1.0	NA
31F04	80AR 214	18	281405	5004544	TN 10		GNSS	198.	17.	115.	42.	55.	.05	50.	.05	3.0	800.	4.50	.50	1.0	NA
31F04	80AR 215	18	277903	5004656	T0 10	1.00	GRNT	90.	10.	83.	30.	60.	.05	40.	1.70	3.0	550.	2.90	.60	1.0	NA
31F04	80AR 216	18	277054	5005710	TN 10		GRNT	80.	14.	83.	23.	50.	.05	42.	2.00	4.0	550.	3.30	.40	1.0	NA
31F04	80AR 220	18	273722	5013943	TN 10	4.00	GRNT	153.	6.	120.	15.	33.	.05	48.	1.60	2.0	500.	3.60	.10	1.0	25.
31F04	80AR 221	18	278000	5011122	TOP10		SYNT	155.	22.	220.	24.	90.	.05	91.	5.30	5.0	1000.	5.75	.40	1.0	100.
31F04	80AR 223	18	27657	5013240	T0 10	1.50	GRNT	200.	11.	100.	24.	40.	.05	54.	4.20	4.0	600.	4.25	.10	1.0	NA
31F04	80AR 224	18	280364	5012171	T0 10	1.50	MRBL	260.	16.	155.	37.	87.	.05	46.	5.80	4.0	850.	4.25	.10	1.0	NA
31F04	80AR 226	18	279452	5006352	T0 10		MRBL	260.	50.	220.	34.	98.	.05	76.	5.10	7.0	800.	6.75	.10	1.0	105.
31F04	80AR 227	18	277420	5001977	T0 10	2.00	MRBL	140.	16.	120.	40.	70.	.05	48.	4.80	3.0	600.	4.26	.40	1.0	NA
31F04	80AR 228	18	275266	4999621	T0 10		MRBL	200.	33.	110.	40.	75.	.30	58.	.05	4.0	875.	4.80	.20	1.0	NA
31F04	80AR 237	18	282507	4993681	T0 10		SYNT	105.	14.	135.	13.	28.	.05	39.	9.70	3.0	600.	3.60	.10	1.0	NA
31F04	80AR 242	18	292279	4998434	TN 10	2.50	GRNT	185.	20.	110.	26.	50.	.05	52.	3.20	2.0	2500.	5.15	.20	8.0	NA
31F04	80AR 243	18	299284	4997121	T0 10		MRBL	110.	14.	130.	17.	36.	.20	51.	2.40	3.0	1150.	5.20	.10	5.0	185.
31F04	80AR 245	18	294036	4994419	T0 10		DORT	113.	7.	108.	13.	30.	.10	40.	2.00	3.0	570.	4.50	.10	2.0	145.
31F04	80AR 246	18	293418	4997283	T0 10		DORT	87.	12.	86.	16.	35.	.05	48.	1.50	5.0	750.	4.00	.10	1.0	80.
31F04	80AR 248	18	294361	5005414	TU 10		GRNT	58.	10.	107.	12.	22.	.10	41.	1.70	5.0	550.	4.40	.20	1.0	15.
31F04	80AR 249	18	293338	5008454	TN 10		DORT	105.	6.	80.	13.	26.	.05	42.	2.20	7.0	400.	3.30	.10	1.0	80.
31F04	80AR 250	18	293701	5010120	TN 10		DORT	79.	8.	93.	10.	27.	.10	35.	3.10	5.0	440.	4.15	.20	2.0	70.
31F04	80AR 251	18	295463	5012852	T0 10		GNSS	140.	7.	85.	18.	34.	.05	50.	3.20	4.0	850.	4.60	.20	1.0	90.
31F04	80AR 253	18	289327	5006304	T0 10		MRBL	90.	8.	83.	15.	30.	.05	44.	2.70	4.0	600.	3.60	.20	1.0	60.
31F04	80AR 256	18	294098	5001994	TN 11		DORT	675.	13.	75.	15.	38.	.05	41.	4.30	5.0	800.	3.20	.30	1.0	NA
31F04	80AR 370	18	268563	4997783	T0 10	14.50	MRBL	141.	10.	100.	10.	43.	.10	24.	3.40	7.0	365.	2.70	.10	1.0	NA
31F04	80AR 371	18	269053	4997742	T0 10		MRBL	104.	10.	143.	14.	40.	.10	56.	1.70	6.0	650.	4.60	.20	1.0	30.
31F04	80AR 422	18	300647	5005774	TN 10		GBRR	270.	22.	138.	20.	55.	.30	44.	8.40	6.0	1400.	5.80	.10	4.0	NA
31F04	80AR 423	18	300766	5006667	T0 10		GBRR	107.	15.	128.	18.	51.	.30	56.	1.70	2.0	1300.	5.50	.10	3.0	120.
31F04	80AR 424	18	301543	5006903	TN 10		GBRR	93.	12.	142.	19.	50.	.10	42.	.60	1.0	760.	4.30	.50	3.0	30.
31F04	80AR 436	18	266501	5009617	TN 112		GNSS	100.	8.	105.	11.	28.	.20	34.	4.70	4.0	425.	3.20	.10	1.0	NA
31F04	80AR 436A	18	266501	5009617	T0 011		GNSS	118.	9.	115.	14.	34.	.20	45.	3.10	5.0	450.	3.80	.10	1.0	NA
31F04	80AR 437	18	268092	5009955	T0 10		GNSS	115.	10.	70.	22.	36.	.20	34.	1.90	4.0	445.	2.75	.10	1.0	NA
31F04	80AR 439	18	265005	5013248	T0 10	1.50	GNSS	113.	11.	93.	21.	36.	.10	43.	1.40	4.0	450.	3.70	.20	3.0	95.
31F04	80AR 440	18	266962	5013841	TN 10		GNSS	106.	8.	90.	14.	30.	.30	34.	2.00	3.0	490.	2.50	.10	1.0	NA
31F04	80AR 445	18	269087	5012384	T0 10		GRNT	122.	8.	100.	16.	40.	.10	38.	1.80	2.0	420.	3.00	.20	1.0	60.

MAP	ID	UTM	COORDINATES		SAMP	SAMP	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	PN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31F04	80AR	446	18 272784	5012C60	IN 10		GNSS	137.	9.	125.	18.	43.	10	50.	1.70	2.0	650.	3.55	10	1.0	NA
31F04	80AR	447	18 272427	5009253	TO 10		GRNT	240.	22.	130.	28.	53.	30	53.	3.80	4.0	800.	4.85	20	1.0	NA
31F04	80AR	448	18 271451	5006607	TU 10		GNSS	85.	6.	52.	14.	25.	10	24.	1.00	2.0	330.	2.50	10	1.0	25.
31F04	80AR	449	18 268429	5005280	TN 10		GNSS	105.	8.	72.	19.	28.	10	43.	1.90	2.0	475.	3.00	10	1.0	NA
31F04	80AR	451	18 266537	5000405	TN 10		GNSS	180.	9.	144.	33.	59.	10	53.	3.60	6.0	840.	4.30	10	3.0	NA
31F04	80AR	452	18 266956	4999695	TO 10	1.00	GNSS	50.	12.	60.	0.	28.	30	42.	2.90	1.0	475.	3.30	20	1.0	NA
31F04	80AR	453	18 266895	4999434	TN 10		GNSS	277.	10.	155.	28.	84.	10	53.	3.80	1.0	700.	4.20	20	1.0	40.
31F04	80AR	454	18 265048	5000902	TN 10		GNSS	90.	9.	85.	40.	45.	05	43.	2.80	2.0	815.	3.20	10	1.0	NA
31F04	80AR	459	18 265048	5005821	TN 10		GNSS	87.	7.	75.	16.	30.	20	36.	1.10	3.0	405.	2.60	10	1.0	NA
31F04	80AR	460	18 265747	5004872	TN 10		GNSS	78.	6.	60.	14.	28.	20	28.	.90	3.0	325.	2.15	10	1.0	NA
31F04	80AR	466	18 298806	4994799	TO 10		MRBL	65.	16.	95.	23.	64.	20	53.	2.30	6.0	1350.	4.90	10	3.0	NA
31F04	80AR	469	18 292147	4989424	TO 10		MRBL	155.	12.	128.	20.	42.	20	46.	2.00	4.0	1000.	4.90	10	5.0	NA
31F04	80AR	470	18 268563	4995100	TU 10	3.00	GNSS	103.	8.	130.	15.	33.	20	55.	3.00	4.0	570.	4.50	10	1.0	NA
31F04	80AR	471	18 266933	4996781	TO 10		GNSS	185.	12.	115.	19.	73.	40	58.	2.70	4.0	600.	5.30	10	1.0	NA
31F04	80AR	485	18 294217	5005851	TN 114	4.00	GRNT	52.	6.	93.	10.	21.	30	38.	.90	1.0	425.	3.40	10	1.0	35.
31F04	80AR	485A	18 294217	5005851	TN 013	3.70	GRNT	78.	7.	98.	12.	25.	10	34.	1.00	1.0	450.	3.80	10	12.0	20.
31F04	80AR	485B	18 294217	5005851	TN 012	3.20	GRNT	80.	9.	100.	13.	26.	10	45.	2.70	2.0	560.	4.60	10	9.0	20.
31F04	80AR	485C	18 294217	5005851	TN 011	1.00	GRNT	75.	14.	80.	10.	24.	20	34.	4.10	6.0	380.	3.20	10	1.0	NA
31F04	80AR	499	18 270024	5012826	TU 10		GRNT	98.	4.	105.	10.	28.	05	40.	1.90	3.0	390.	3.20	10	1.0	NA
31F05	80AR	438	18 269555	5014817	TO 10		GNSS	57.	9.	55.	50.	34.	10	38.	1.90	4.0	540.	3.30	10	1.0	NA
31F05	80AR	472	18 274421	5016174	TO 10		MCGL	98.	9.	100.	0.	38.	40	54.	2.80	3.0	700.	4.30	10	1.0	NA
31F05	80AR	473	18 283018	5015944	TN 10		GRNT	150.	8.	115.	22.	49.	30	55.	1.70	5.0	550.	3.80	10	1.0	NA
31F05	80AR	475	18 289789	5015260	TN 10		GNSS	157.	5.	83.	12.	37.	10	38.	.90	1.0	500.	3.70	10	1.0	30.
31F05	80AR	476	18 293730	5019656	TO 10		GNSS	200.	13.	900.	25.	80.	10	57.	4.30	1.0	790.	4.65	20	1.0	NA
31F05	80AR	477	18 294875	5022683	TO 10	.75	GBRR	102.	10.	60.	18.	40.	05	50.	1.80	2.0	580.	3.75	20	1.0	120.
31F05	80AR	478	18 295131	5023461	TU 10		GBRR	130.	10.	75.	18.	39.	40	50.	2.80	2.0	725.	3.95	10	1.0	100.
31F05	80AR	479	18 295463	5024218	TN 10		MCGL	168.	7.	95.	15.	42.	10	54.	1.60	2.0	560.	4.80	10	1.0	60.
31F05	80AR	480	18 291279	5026394	TN 10		MCGL	160.	7.	95.	19.	62.	10	55.	3.20	2.0	760.	4.30	10	1.0	125.
31F05	80AR	481	18 288053	5025562	TN 10		MCGL	488.	8.	135.	25.	78.	10	65.	2.40	2.0	900.	5.40	10	1.0	NA
31F05	80AR	482	18 286381	5024145	TO 10		MCGL	142.	6.	78.	24.	40.	10	50.	1.50	2.0	650.	3.70	20	1.0	NA
31F05	80AR	483	18 285040	5022433	TN 10		MCGL	60.	3.	30.	9.	16.	05	21.	.70	2.0	325.	2.20	10	1.0	35.
31F05	80AR	484	18 282283	5021489	TN 10		MRBL	305.	16.	107.	32.	70.	40	58.	3.00	2.0	755.	4.70	10	2.0	145.
31F05	80AR	488	18 301160	5016941	TN 10	2.00	MVCC	71.	18.	105.	28.	40.	05	56.	4.60	4.0	875.	7.50	20	3.0	NA
31F05	80AR	488A	18 301160	5016941	TN 00	2.00	MVCC	80.	24.	75.	30.	40.	20	70.	4.00	3.0	925.	6.40	10	2.0	NA
31F05	80AR	489	18 299642	5020046	TN 10		MRBL	145.	16.	160.	22.	65.	20	63.	2.70	2.0	1200.	5.15	10	1.0	NA
31F05	80AR	491	18 301942	5020907	TN 11		MRBL	85.	9.	132.	13.	34.	05	50.	1.40	4.0	570.	5.15	30	2.0	40.
31F05	80AR	492	18 283881	5026256	TU 112		GNSS	105.	6.	100.	14.	30.	10	50.	2.20	2.0	450.	4.10	10	1.0	40.
31F05	80AR	492A	18 283881	5026256	TU 011		GNSS	125.	8.	93.	13.	30.	10	47.	1.80	4.0	470.	3.45	10	1.0	NA
31F05	80AR	494	18 278463	5026959	TN 10		GNSS	210.	9.	120.	29.	50.	10	64.	2.30	4.0	525.	4.90	10	1.0	NA
31F05	80AR	495	18 277915	5025887	TN 10		GNSS	290.	10.	135.	25.	45.	05	63.	2.70	5.0	650.	5.00	10	1.0	110.
31F05	80AR	496	18 278485	5023725	TO 10	4.00	GNSS	160.	8.	89.	33.	55.	05	47.	3.20	4.0	750.	3.65	30	2.0	NA
31F05	80AR	520	18 292779	5040661	TO 11	14.00	GNSS	57.	3.	67.	8.	27.	05	45.	1.80	2.0	400.	3.50	20	1.0	20.
31F05	80AR	520A	18 292779	5040661	TO 01	17.00	GNSS	82.	4.	78.	9.	42.	10	47.	2.80	1.0	430.	3.50	20	1.0	45.
31F05	80AR	521	18 288836	5036133	TN 10		GNSS	127.	8.	115.	16.	55.	05	49.	2.90	3.0	575.	4.50	10	1.0	70.
31F05	80AR	522	18 288803	5038249	V 10		GNSS	55.	3.	100.	14.	35.	05	63.	1.20	2.0	700.	5.20	10	1.0	30.
31F05	80AR	523	18 286238	5040021	TO 014	5.00	GNSS	121.	5.	170.	13.	50.	10	55.	3.00	2.0	510.	4.20	10	1.0	55.
31F05	80AR	523A	18 286238	5040021	TO 113	4.50	GNSS	130.	5.	200.	13.	52.	05	54.	2.00	1.0	515.	4.70	10	1.0	30.
31F05	80AR	523B	18 286238	5040021	TO 012	3.00	GNSS	140.	7.	175.	14.	43.	05	53.	2.90	2.0	480.	4.70	10	1.0	55.
31F05	80AR	523C	18 286238	5040021	TO 011	1.75	GNSS	124.	9.	160.	25.	54.	10	53.	2.20	1.0	630.	4.15	10	1.0	130.
31F05	80AR	524	18 285464	5037689	TN 10		GNSS	74.	6.	58.	12.	28.	10	24.	1.20	1.0	290.	2.30	10	1.0	NA
31F05	80AR	526	18 279812	5037367	TO 10		GNSS	95.	10.	160.	14.	39.	05	64.	2.50	2.0	600.	4.80	10	1.0	90.

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BORK	CU	PB	ZN	CO	NI	AG	CR	U	MO	PN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
31F05 80AR	527	18	282744	5032812	IN 10	GNSS	128.	6.	150.	16.	42.	.10	63.	1.80	2.0	54C.	4.20	.10	1.0	80.
31F05 80AR	528	18	292880	5031378	TO 10	GRNT	245.	10.	140.	20.	70.	.20	55.	2.60	2.0	78C.	4.80	.10	1.0	100.
31F05 80AR	529	18	291483	5032119	TO 10	GNSS	245.	12.	165.	25.	63.	.10	66.	3.30	3.0	89C.	4.70	.20	1.0	100.
31F05 80AR	530	18	290318	5030510	TO 10	GNSS	256.	18.	115.	38.	92.	.20	85.	7.30	3.0	83C.	4.60	.20	3.0	NA
31F05 80AR	531	18	292C19	5028696	TO 10	GNSS	55.	7.	80.	23.	49.	.20	50.	1.70	3.0	725.	3.70	.20	1.0	NA
31F05 80AR	534	18	293039	5028264	TO 10	GNSS	108.	16.	105.	12.	41.	.10	70.	3.60	2.0	68C.	4.80	.10	1.0	150.
31F05 80AR	536	18	289200	5027284	IN 10	GNSS	405.	12.	138.	38.	70.	.10	70.	2.90	3.0	87C.	5.30	.10	1.0	130.
31F05 80AR	537	18	288255	5028628	TO 10	GNSS	300.	5.	128.	25.	57.	.10	55.	2.60	2.0	685.	3.90	.10	1.0	90.
31F05 80AR	538	18	286728	5029470	TO 10	GNSS	762.	7.	245.	57.	125.	.10	115.	3.60	5.0	165C.	6.40	.10	1.0	70.
31F05 80AR	539	18	285068	5031408	TO 10	GRNT	850.	13.	140.	60.	140.	.20	80.	4.80	7.0	110C.	5.00	.10	1.0	70.
31F05 80AR	540	18	288671	5032213	TO 10	GRNT	160.	11.	140.	16.	68.	.10	42.	2.90	2.0	50C.	3.40	.10	1.0	2.
31F05 80AR	541A	18	283681	5030849	IN 11	2.50 GRNT	54.	3.	110.	9.	32.	.10	44.	1.20	4.0	440.	3.50	.10	1.0	25.
31F05 80AR	542	18	281379	5029597	TO 113	3.00 GRNT	65.	3.	125.	12.	34.	.20	49.	1.00	3.0	47C.	4.00	.10	1.0	25.
31F05 80AR	542A	18	281379	5029597	TO 012	2.00 GRNT	109.	5.	120.	12.	39.	.20	50.	1.60	2.0	470.	4.30	.10	1.0	30.
31F05 80AR	542B	18	281379	5029597	TO 011	1.00 GRNT	135.	12.	115.	12.	42.	.05	48.	7.50	3.0	49C.	4.40	.10	1.0	50.
31F05 80AR	543	18	281812	5029847	IN 10	GRNT	177.	7.	93.	28.	44.	.10	46.	2.70	2.0	545.	3.85	.10	1.0	NA
31F05 80AR	544	18	296622	5029313	TO 10	GNSS	272.	6.	98.	20.	51.	.10	48.	2.70	3.0	625.	3.90	.10	1.0	95.
31F05 80AR	545	18	296620	5029539	TO 10	GNSS	190.	23.	123.	25.	97.	.20	82.	6.00	6.0	165C.	7.75	.10	2.0	125.
31F05 80AR	547	18	295630	5036793	TO 10	GRNT	220.	16.	220.	0.	93.	.20	77.	2.70	4.0	95C.	6.50	.10	2.0	145.
31F05 80AR	566	18	299257	5038596	TO 012	GRNT	170.	6.	195.	20.	108.	.05	55.	1.30	3.0	715.	4.00	.10	1.0	70.
31F05 80AR	566A	18	299257	5038596	TO 012	GRNT	170.	8.	155.	22.	60.	.05	63.	1.90	5.0	110C.	5.80	.10	1.0	90.
31F05 80AR	568	18	299257	5038596	TO 011	GRNT	60.	3.	90.	10.	22.	.20	39.	.40	2.0	42C.	3.50	.10	1.0	NA
31F05 80AR	568	18	3001074	5038432	TO 10	GRNT	170.	12.	140.	23.	64.	.20	73.	3.80	4.0	1200.	5.30	.10	1.0	NA
31F05 80AR	568	18	300856	5040916	IN 11	2.50 GNSS	95.	3.	93.	12.	32.	.05	43.	.60	3.0	445.	4.10	.10	1.0	NA
31F05 80AR	569	18	303765	5037939	TO 10	GRNT	112.	5.	88.	15.	31.	.05	45.	1.10	4.0	495.	4.00	.10	1.0	70.
31F05 80AR	573	18	300530	5027994	IN 10	GNSS	119.	6.	125.	11.	41.	.20	56.	1.30	2.0	810.	4.50	.10	1.0	105.
31F05 80AR	574	18	298337	5028032	TO 10	GNSS	120.	13.	80.	19.	39.	.20	64.	2.40	3.0	475.	4.15	.10	1.0	65.
31F05 80AR	598	18	303571	5024261	TO 11	GNSS	72.	4.	97.	14.	32.	.05	45.	.50	1.0	60C.	4.50	.10	1.0	10.
31F05 80AR	598A	18	303571	5024261	TO 01	GNSS	104.	7.	108.	15.	40.	.10	55.	1.10	1.0	695.	4.50	.10	1.0	10.
31F05 80AR	598B	18	303571	5024261	TO 01	GNSS	134.	12.	105.	18.	40.	.05	59.	3.40	2.0	875.	4.80	.10	1.0	90.
31F05 80AR	600	18	300162	5034303	TO 10	GRNT	83.	11.	90.	25.	50.	.05	52.	2.60	1.0	795.	3.85	.10	2.0	125.
31F05 81KAR	607	18	266450	5016400	TO 10	GNSS	245.	30.	200.	38.	108.	.05	122.	3.50	4.0	92C.	6.00	.10	4.0	NA
31F05 81KAR	608	18	267850	5016400	TO 10	GNSS	141.	13.	97.	20.	60.	.05	42.	2.20	2.0	45C.	3.50	.10	3.0	75.
31F05 81KAR	609	18	268875	5018180	TO 10	GNSS	86.	18.	65.	29.	50.	.05	52.	2.20	4.0	39C.	3.30	.10	3.0	260.
31F05 81KAR	610	18	274750	5022750	FO 10	GNSS	96.	16.	60.	28.	28.	.05	76.	2.30	5.0	40C.	3.80	.10	5.0	NA
31F05 81KAR	611	18	269300	5022300	IN 10	GNSS	131.	16.	190.	38.	92.	.05	82.	4.40	4.0	105C.	5.50	.10	2.0	190.
31F05 81KAR	612	18	269380	5024860	IN 10	GNSS	45.	10.	54.	11.	20.	.05	45.	2.70	3.0	180.	2.90	.10	6.0	NA
31F05 81KAR	613	18	270170	5026630	TO 10	GNSS	210.	14.	200.	30.	76.	.05	56.	2.05	2.0	57C.	3.60	.10	5.0	130.
31F05 81KAR	614	18	271430	5032760	TO 10	GNSS	117.	12.	115.	24.	48.	.05	48.	2.00	2.0	484.	3.50	.10	2.0	150.
31F05 81KAR	615	18	271850	5035550	TO 10	GNSS	170.	16.	175.	20.	60.	.05	72.	2.00	2.0	58C.	3.70	.10	4.0	150.
31F05 81KAR	616	18	269320	5041050	TO 10	GNSS	100.	18.	128.	20.	44.	.05	50.	4.90	2.0	40C.	8.70	.10	7.0	NA
31F05 81KAR	617	18	267730	5041175	TO 10	GNSS	79.	11.	142.	14.	62.	.05	110.	2.50	2.0	484.	4.80	.10	1.0	30.
31F05 82SAR	320	18	293100	5031900	TO 11	GNSS	158.	26.	176.	28.	65.	.10	66.	3.70	3.0	547.	4.60	.10	2.0	245.
31F05 82SAR	321	18	289800	5026780	TO 10	GNSS	180.	28.	91.	22.	42.	.10	66.	4.80	1.0	666.	4.90	.10	1.0	160.
31F05 82SAR	322	18	287450	5025100	TO 10	2.00 GNSS	84.	20.	99.	14.	32.	.10	64.	3.50	1.0	40C.	4.20	.10	1.0	90.
31F05 82SAR	323	18	288100	5025630	TO 10	GNSS	340.	20.	120.	35.	70.	.20	50.	1.60	1.0	512.	4.70	.20	1.0	135.
31F05 82SAR	324	18	284960	5027150	IN 10	GNSS	144.	16.	131.	18.	45.	.10	56.	2.80	1.0	439.	4.20	.10	1.0	70.
31F05 82SAR	325	18	283725	5028360	IN 10	GNSS	585.	25.	168.	45.	130.	.20	70.	4.90	.5	100C.	5.50	.20	1.0	115.
31F05 82SAR	326	18	283950	5029000	TO 10	GNSS	188.	16.	161.	16.	54.	.10	60.	3.80	3.0	446.	4.60	.10	1.0	55.

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	PO	MN	FE	CD	AS	HG	PPB
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM
IF05	825AR 327	18	283950	5030000	TU 10	GNSS	120.	18.	121.	18.	43.	.10	56.	3.00	3.0	506.	4.40	.10	1.0	120.	
IF05	825AR 328	18	283140	5030280	TN 10	GNSS	140.	15.	100.	30.	53.	.20	50.	2.60	.5	40C.	3.20	.20	1.0	135.	
IF05	825AR 329	18	283560	5030325	TU 10	GNSS	164.	18.	191.	34.	64.	.10	75.	3.20	.5	573.	7.00	.10	1.0	20.	
IF05	825AR 330	18	283240	5030200	TU 10	GNSS	118.	25.	78.	30.	45.	.20	50.	3.20	.5	48C.	4.50	.10	1.0	160.	
IF05	825AR 331	18	291220	5039850	VO 10	GNSS	62.	14.	119.	14.	36.	.10	70.	1.10	1.0	506.	5.10	.10	1.0	45.	
IF05	825AR 332	18	295000	5025740	TU 01	GNSS	148.	20.	100.	20.	41.	.10	58.	2.20	1.0	559.	4.50	.10	1.0	60.	
IF05	825AR 332A	18	295000	5025740	TU 11	GNSS	92.	14.	81.	10.	34.	.10	46.	2.20	2.0	509.	3.90	.10	1.0	80.	
IF05	825AR 333	18	294040	5025400	TU 10	GNSS	480.	18.	139.	24.	82.	.10	68.	4.30	.5	747.	5.10	.10	1.0	100.	
IF05	825AR 334	18	292825	5025600	TU 10	GNSS	146.	20.	102.	18.	55.	.10	69.	2.20	.5	54C.	5.00	.10	1.0	115.	
IF05	825AR 335	18	289800	5026625	TU 10	GNSS	350.	20.	126.	26.	62.	.10	69.	3.90	.5	747.	5.20	.10	1.0	140.	
IF05	825AR 336	18	288920	5027450	FU 10	GNSS	270.	30.	103.	40.	55.	.20	72.	5.20	2.0	420.	6.00	.20	1.0	85.	
IF05	825AR 337	18	288450	5027600	FU 10	GNSS	240.	36.	115.	34.	70.	.40	84.	3.60	3.0	480.	6.30	.10	2.0	245.	
IF05	825AR 338	18	288350	5028040	TU 10	GNSS	525.	20.	114.	38.	108.	.05	106.	2.90	1.0	80C.	5.60	.10	1.0	155.	
IF05	825AR 339	18	286670	5029460	TU 10	GNSS	420.	25.	123.	40.	110.	.20	75.	5.20	2.0	650.	6.00	.20	1.0	155.	
IF05	825AR 340	18	286380	5029610	TN 10	GNSS	940.	16.	286.	44.	108.	.05	99.	5.20	3.0	120C.	9.10	.10	2.0	120.	
IF05	825AR 340A	18	286380	5029610	TU 00	GNSS	1225.	15.	267.	54.	121.	.50	130.	5.70	5.0	192C.	8.50	.10	2.0	NA	
IF05	825AR 341	18	285640	5031150	TN 10	GNSS	525.	25.	135.	55.	125.	.20	120.	8.10	7.0	1165.	7.20	.10	1.0	115.	
IF05	825AR 342	18	284400	5031900	TN 11	GNSS	77.	14.	85.	14.	36.	.05	52.	1.60	.5	288.	4.40	.10	1.0	245.	
IF05	825AR 342A	18	284400	5031900	TN 01	GNSS	220.	12.	139.	22.	70.	.05	61.	1.80	1.0	506.	4.20	.10	1.0	155.	
IF05	825AR 343	18	283950	5031890	TU 10	GNSS	174.	12.	129.	16.	46.	.05	56.	3.30	1.0	427.	4.40	.10	1.0	70.	
IF05	825AR 345	18	286890	5029360	FU 10	GNSS	144.	20.	124.	20.	42.	.30	67.	2.60	2.0	505.	5.20	.30	3.0	NA	
IF05	825AR 346	18	287300	5029210	TU 10	GNSS	255.	19.	155.	25.	76.	.10	70.	2.70	1.0	46C.	4.20	.10	2.0	95.	
F05	825AR 347	18	288150	5028760	CU 10	GNSS	285.	18.	158.	31.	70.	.05	92.	3.20	2.0	80C.	6.60	.10	2.0	120.	
F05	825AR 348	18	288350	5028170	TU 10	GNSS	66.	24.	78.	16.	32.	.05	75.	1.90	2.0	54C.	5.60	.10	4.0	190.	
F05	825AR 349	18	288450	5027600	FU 10	GNSS	140.	26.	136.	33.	60.	.10	74.	1.80	1.0	80C.	6.00	.10	3.0	130.	
F05	825AR 350	18	288850	5027450	TU 10	GNSS	460.	17.	125.	27.	79.	.10	92.	2.20	1.0	50C.	5.20	.10	2.0	160.	
F06	80AR 549	18	318770	5033491	TU 10	GNSS	70.	12.	158.	12.	42.	.20	44.	.30	3.0	725.	4.20	.30	1.0	30.	
F06	80AR 550	18	318448	5032849	TU 10	GNSS	107.	12.	188.	14.	50.	.20	45.	1.00	2.0	79C.	4.75	.10	1.0	60.	
F06	80AR 551	18	318306	5029867	TU 10	NPLS	62.	22.	165.	20.	60.	.30	56.	2.90	4.0	1350.	5.00	.20	2.0	115.	
F06	80AR 552	18	318141	5028909	TU 112	NPLS	127.	12.	165.	15.	51.	.20	51.	1.80	2.0	835.	5.25	.10	1.0	145.	
F06	80AR 552A	18	318141	5028909	TU 011	NPLS	112.	17.	155.	17.	44.	.20	55.	3.80	4.0	110C.	5.20	.10	2.0	140.	
F06	80AR 554	18	318257	5022612	TU 10	MRBL	119.	11.	148.	14.	50.	.20	50.	1.80	3.0	85C.	5.25	.10	1.0	70.	
F06	80AR 555	18	318348	5021299	TU 10	MRBL	68.	10.	120.	14.	36.	.10	62.	2.10	4.0	845.	4.75	.10	1.0	50.	
F06	80AR 556	18	315866	5021028	TU 10	MRBL	123.	17.	220.	20.	38.	.20	48.	1.50	4.0	85C.	6.90	.10	2.0	130.	
F06	80AR 557	18	315680	5020848	TN 10	MRBL	110.	12.	200.	16.	40.	.50	47.	1.10	4.0	95C.	5.05	.20	1.0	145.	
F06	80AR 559	18	314273	5017199	TU 10	MRBL	120.	17.	135.	16.	44.	.60	59.	3.20	3.0	975.	5.50	.10	1.0	120.	
F06	80AR 563	18	328521	5028690	TU 10	GNSS	83.	20.	180.	16.	34.	.10	48.	3.40	4.0	110C.	5.00	.10	1.0	90.	
F06	80AR 564	18	327305	5029491	TU 10	GNSS	80.	11.	135.	14.	35.	.05	47.	1.10	4.0	765.	5.40	.10	2.0	65.	
F06	80AR 571	18	306001	5031016	TU 10	MRBL	105.	15.	150.	18.	62.	.10	76.	5.60	4.0	1525.	6.75	.20	2.0	NA	
F06	80AR 575	18	304183	5019872	TN 10	MRBL	98.	11.	125.	17.	36.	.10	63.	8.00	3.0	95C.	4.80	.10	2.0	170.	
F06	80AR 577	18	306058	5014942	TU 10	MRBL	119.	14.	159.	21.	52.	.40	53.	.90	2.0	130C.	4.15	.10	1.0	45.	
F06	80AR 578	18	309424	5014919	TU 112	MRBL	80.	10.	129.	14.	34.	.20	53.	1.20	3.0	97C.	4.85	.10	1.0	50.	
F06	80AR 579	18	306801	5016635	TU 10	MRBL	118.	18.	130.	18.	52.	.40	66.	2.90	3.0	140C.	5.75	.10	2.0	110.	
F06	80AR 581	18	315623	5034774	TU 10	GNSS	60.	4.	83.	12.	38.	.10	49.	.50	3.0	725.	3.00	.20	1.0	20.	
F06	80AR 582	18	314248	5034721	TU 01	MRBL	58.	7.	78.	11.	30.	.05	44.	.70	5.0	600.	2.80	1.00	.2	25.	
F06	80AR 582B	18	314248	5034721	TU 11	MRBL	70.	8.	98.	14.	40.	.10	57.	.50	4.0	85C.	3.70	.20	1.0	25.	
F06	80AR 583	18	313566	5034588	TN 10	GNSS	48.	6.	100.	12.	28.	.05	39.	.30	4.0	975.	4.20	.10	1.0	15.	
F06	80AR 584	18	309817	5033701	TU 112	GNSS	163.	12.	138.	20.	67.	.10	75.	1.10	2.0	89C.	5.90	.10	3.0	50.	
F06	80AR 584A	18	309817	5033701	TU 011	GNSS	84.	8.	130.	22.	48.	.05	65.	1.30	3.0	90C.	5.90	.10	2.0	25.	
F06	80AR 585	18	308850	5033244	TU 014	MRBL	95.	6.	135.	16.	50.	.10	63.	.80	4.0	90C.	6.30	.10	1.0	30.	
F06	80AR 585A	18	308850	5033244	TU 113	MRBL	93.	6.	130.	18.	43.	.20	68.	.50	4.0	725.	6.00	.10	1.0	60.	

MAP	ID	UTM	COORDINATES	SAMP	DEPTH	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
							PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
1F06 80AR	585B	18	308850	5033244	10	012	73.	15.	98.	18.	61.	.10	86.	1.80	2.0	1025.	5.00	.10	1.0	110.
1F06 80AR	586	18	308660	5030647	10	112	168.	10.	136.	18.	62.	.10	80.	1.20	2.0	925.	8.80	.10	2.0	85.
1F06 80AR	586A	18	308660	5030647	10	011	118.	24.	130.	23.	50.	.40	60.	4.00	4.0	1600.	6.30	.10	2.0	NA
1F06 80AR	587	18	311598	5022025	10	112	55.	8.	103.	12.	26.	.20	34.	.40	4.0	945.	3.90	.10	2.0	15.
1F06 80AR	587A	18	311598	5022025	10	011	62.	8.	118.	15.	35.	.10	47.	.60	3.0	825.	3.90	.30	1.0	20.
1F06 80AR	589	18	307507	5023342	10	10	81.	6.	123.	17.	43.	.20	60.	.50	2.0	725.	5.00	.10	2.0	25.
1F06 80AR	590	18	306545	5025370	10	10	185.	15.	127.	16.	50.	.10	54.	3.40	3.0	1255.	6.50	.10	1.0	NA
1F06 80AR	591	18	307190	5023889	10	10	130.	6.	142.	15.	50.	.20	53.	1.10	1.0	850.	5.50	.10	1.0	70.
1F06 80AR	595	18	305664	5028221	10	10	205.	13.	245.	17.	74.	.20	55.	3.10	3.0	1050.	6.00	.20	1.0	75.
1F06 80AR	596	18	305206	5027007	10	10	94.	14.	102.	19.	50.	.10	49.	2.50	3.0	1200.	5.00	.10	2.0	105.
1F06 80AR	597	18	304508	5026693	10	10	93.	9.	108.	16.	38.	.05	50.	1.10	1.0	790.	4.30	.10	1.0	40.
1F06 80AR	599	18	306313	5023535	10	10	110.	13.	90.	18.	44.	.20	59.	2.90	2.0	1300.	6.00	.10	2.0	150.
1F06 80AR	601	18	305822	5036204	10	11	73.	3.	100.	14.	34.	.10	45.	.90	1.0	670.	4.60	.20	1.0	15.
1F06 80AR	601A	18	305822	5036204	10	01	98.	4.	100.	12.	32.	.05	42.	1.90	1.0	585.	4.10	.10	1.0	70.
1F06 80AR	602	18	307940	5038957	10	10	124.	11.	125.	25.	66.	.20	53.	2.80	2.0	1250.	6.50	.20	1.0	50.
1F06 80AR	604	18	304974	5041173	10	112	122.	5.	109.	20.	44.	.05	55.	.50	2.0	800.	4.70	.10	1.0	60.
1F06 80AR	613	18	315113	5039733	10	10	143.	18.	110.	26.	54.	.05	60.	4.00	2.0	1950.	5.60	.20	1.0	NA
1F06 80AR	614	18	315601	5039834	10	112	87.	7.	100.	14.	42.	.10	45.	.60	3.0	625.	4.00	.20	1.0	25.
1F06 80AR	614A	18	315601	5039834	10	011	92.	8.	94.	14.	37.	.05	42.	.50	1.0	680.	4.00	.20	3.0	45.
1F06 80AR	625	18	332134	5040351	10	10	57.	9.	158.	10.	28.	.05	36.	.70	2.0	590.	3.35	.20	1.0	10.
1F06 80AR	629	18	323605	5032828	10	10	189.	13.	170.	224	115.	.20	70.	1.10	2.0	880.	6.50	.20	2.0	15.
1F06 80AR	631	18	324520	5029197	10	10	100.	15.	118.	14.	55.	.20	48.	5.50	1.0	1350.	6.00	.10	3.0	130.
1F06 80AR	632	18	323870	5029068	10	10	148.	15.	142.	17.	66.	.10	46.	2.90	2.0	1300.	6.00	.10	3.0	215.
1F06 80AR	634	18	331154	5030631	10	10	123.	12.	290.	20.	52.	.10	38.	1.00	2.0	695.	5.40	.10	2.0	15.
1F06 80AR	712	18	337643	5039791	10	10	28.	8.	50.	6.	17.	.05	24.	.30	8.0	550.	1.55	.50	2.0	20.
1F06 80AR	713	18	338471	5037520	10	10	33.	14.	55.	10.	24.	.05	20.	.30	7.0	1050.	1.70	.50	3.0	30.
1F06 80AR	714	18	340737	5036922	10	10	75.	12.	115.	10.	40.	.20	40.	.70	6.0	870.	3.05	.60	3.0	45.
1F06 80AR	715	18	342683	5037521	10	10	45.	10.	95.	10.	27.	.20	32.	.50	6.0	700.	2.50	.50	1.0	30.
1F06 80AR	716	18	340201	5032581	10	10	54.	12.	90.	9.	24.	.10	27.	.40	6.0	700.	2.40	.60	3.0	25.
1F06 80AR	727	18	337057	5040279	10	113	35.	8.	78.	11.	24.	.20	36.	.05	4.0	770.	2.40	.40	1.0	10.
1F06 80AR	727A	18	337057	5040279	10	012	36.	7.	75.	11.	26.	.20	35.	.30	4.0	750.	2.45	.30	1.0	15.
1F06 80AR	727B	18	337057	5040279	10	011	40.	10.	68.	9.	24.	.20	26.	.40	4.0	725.	2.10	.30	2.0	30.
1F06 80AR	728	18	335425	5036536	10	10	54.	7.	95.	14.	32.	.10	45.	.50	5.0	700.	3.35	.40	3.0	25.
1F06 80AR	731	18	332965	5031018	10	10	50.	10.	125.	12.	29.	.10	36.	.30	6.0	800.	3.20	.50	2.0	10.
1F06 80AR	731A	18	332965	5031018	10	01	48.	9.	125.	12.	28.	.05	37.	.30	2.0	800.	3.00	.50	1.0	15.
1F06 80AR	731B	18	332965	5031018	10	01	60.	14.	440.	14.	36.	.10	40.	.30	4.0	880.	3.05	1.10	2.0	40.
1F06 80AR	734	18	336614	5028898	10	10	90.	10.	125.	17.	63.	.10	63.	.40	2.0	850.	4.70	.10	1.0	NA
1F06 80AR	735	18	337174	5029007	10	10	110.	10.	135.	13.	63.	.20	58.	.30	4.0	760.	4.50	.10	1.0	30.
1F06 80AR	744	18	336130	5015211	10	10	162.	12.	182.	19.	68.	.10	70.	1.90	5.0	1050.	6.30	.10	2.0	110.
1F07 80AR	719	18	345451	5031977	10	10	42.	8.	60.	10.	24.	.20	26.	.40	6.0	700.	1.80	.40	2.0	15.
1F07 80AR	720	18	347153	5030978	10	10	63.	8.	85.	12.	32.	.10	46.	.40	4.0	710.	4.00	.20	1.0	30.
1F07 80AR	721	18	345635	5025801	10	10	85.	9.	135.	12.	43.	.10	50.	.50	4.0	715.	3.60	.50	1.0	30.
1F07 80AR	724	18	344021	5039507	10	10	40.	6.	130.	14.	34.	.05	62.	.50	2.0	580.	4.90	.10	1.0	25.
1F07 80AR	726	18	345968	5034217	10	112	43.	8.	80.	9.	32.	.20	32.	.30	4.0	675.	2.35	.40	2.0	20.
1F07 81KAR	28	18	373500	5012500	10	10	42.	9.	75.	13.	28.	.20	34.	.50	4.0	870.	2.50	.40	2.0	25.
1F07 81KAR	31	18	364740	5012550	10	10	38.	20.	100.	18.	42.	.05	80.	1.60	2.0	885.	4.60	.30	2.0	130.
1F07 82KAR	759	18	376350	5033370	10	11	68.	20.	121.	25.	58.	.05	106.	1.80	4.0	1975.	5.20	.10	5.0	135.
1F07 82KAR	759A	18	376350	5033370	10	01	74.	14.	163.	12.	45.	.05	46.	.60	2.0	790.	3.00	.05	4.0	60.
1F07 82KAR	759B	18	376350	5033370	10	01	74.	11.	136.	12.	35.	.05	47.	.50	2.0	760.	2.90	.50	4.0	55.
1F07 82KAR	759C	18	376350	5033370	10	01	69.	8.	141.	11.	41.	.05	49.	.40	4.0	750.	3.10	.40	3.0	65.
1F07 82KAR	759C	18	376350	5033370	10	01	69.	12.	135.	11.	39.	.05	46.	.50	3.0	750.	2.80	.40	2.0	130.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB
IF07 82KAR	759D	18	376350	5033370	TU 01		61.	13.	149.	11.	38.	.05	49.	.50	5.0	785.	2.90	.30	2.0	130.
IF07 82KAR	759E	18	376350	5033370	TU 01		79.	12.	171.	10.	44.	.05	50.	.50	4.0	775.	3.00	.40	3.0	55.
IF07 82KAR	759F	18	376350	5033370	TU 01		115.	18.	229.	20.	59.	.05	66.	.50	2.0	1100.	4.70	.05	4.0	85.
IF07 82KAR	759G	18	376350	5033370	TU 01		64.	13.	129.	10.	34.	.05	48.	.40	.5	710.	3.10	.40	3.0	70.
IF07 82KAR	759H	18	376350	5033370	TU 01		57.	12.	123.	12.	38.	.05	55.	.50	.5	730.	3.30	.20	3.0	45.
IF07 82KAR	759M	18	376350	5033370	TU 01		81.	13.	152.	12.	42.	.05	57.	.60	2.0	750.	4.20	.05	3.0	60.
IF07 82KAR	759X	18	376350	5033370	TU 01		91.	15.	161.	17.	56.	.05	70.	.60	1.0	1300.	4.70	.05	4.0	110.
IF07 82KAR	759Y	18	376350	5033370	TU 01		39.	21.	177.	23.	53.	.10	78.	1.40	2.0	3200.	5.60	.30	17.0	200.
IF07 82KAR	760	18	376350	5033370	TU 11		52.	14.	128.	7.	28.	.10	37.	.50	1.0	710.	1.90	.20	2.0	45.
IF07 82KAR	760A	18	376350	5033370	F0 01		97.	21.	194.	20.	51.	.05	53.	1.40	2.0	905.	3.80	.30	5.0	70.
IF07 82KAR	760B	18	376350	5033370	TU 01		42.	13.	139.	6.	22.	.05	33.	.40	4.0	690.	2.30	.05	3.0	60.
IF07 82KAR	760C	18	376350	5033370	TU 01		46.	8.	111.	10.	23.	.05	39.	.50	4.0	640.	2.10	.30	2.0	55.
IF07 82KAR	760D	18	376350	5033370	TU 01		54.	10.	106.	8.	30.	.05	4.	.40	3.0	750.	2.10	.30	2.0	50.
IF07 82KAR	760E	18	376350	5033370	TU 01		49.	12.	118.	9.	32.	.05	43.	.40	4.0	690.	2.30	.05	3.0	60.
IF07 82KAR	760X	18	376350	5033370	C0 01		77.	13.	117.	9.	27.	.05	51.	.50	4.0	640.	2.10	.30	2.0	55.
IF07 82KAR	761	18	376150	5034480	TU 11		137.	31.	468.	47.	83.	.40	57.	1.60	3.0	1550.	3.80	.60	7.0	90.
IF07 82KAR	762	18	377220	5032700	FN 10		48.	11.	140.	14.	42.	.05	74.	1.10	2.0	675.	4.80	.05	2.0	65.
IF07 82KAR	763	18	376800	5033100	TU 10		87.	13.	162.	13.	52.	.05	52.	.40	5.0	820.	3.60	.20	3.0	55.
IF07 80SAR	11	18	377082	5026163	T0 10	4.00	MRBL	50.	7.	110.	13.	.05	56.	.60	5.0	600.	3.10	.50	1.0	NA
IF07 80SAR	12	18	378204	5027025	T0 10	2.00	MRBL	63.	8.	113.	16.	.05	58.	.50	2.0	700.	3.30	.40	1.0	40.
IF07 80SAR	13	18	375316	5024998	T0 10	1.50	MRBL	72.	10.	98.	17.	.40	68.	1.30	5.0	750.	3.60	.30	1.0	NA
IF07 80SAR	14	18	375109	5024807	T0 10	1.50	MAFR	68.	9.	98.	14.	.05	68.	1.00	3.0	700.	3.70	.10	1.0	NA
IF07 80SAR	15	18	360383	5014607	C0 10		135.	33.	205.	38.	65.	.30	52.	1.00	5.0	1100.	4.75	1.00	10.0	NA
IF07 80SAR	27	18	376640	5026800	TU 119	21.70	MRBL	40.	5.	96.	11.	.05	46.	.60	5.0	650.	2.65	.40	5.0	NA
IF07 80SAR	27A	18	376640	5026800	TU 018	19.70	MRBL	43.	4.	100.	13.	.20	48.	.80	7.0	700.	2.80	.40	1.0	25.
IF07 80SAR	27B	18	376640	5026800	TU 017	18.00	MRBL	48.	7.	98.	13.	.05	50.	.50	5.0	650.	2.60	.60	1.0	30.
IF07 80SAR	27C	18	376640	5026800	TU 016	15.00	MRBL	45.	7.	108.	13.	.05	52.	.50	5.0	600.	2.70	.50	1.0	NA
IF07 80SAR	27D	18	376640	5026800	TU 015	13.00	MRBL	45.	8.	100.	12.	.05	52.	.50	4.0	600.	2.75	.50	1.0	45.
IF07 80SAR	27E	18	376640	5026800	TU 014	10.50	MRBL	44.	7.	105.	13.	.05	51.	.50	3.0	600.	2.70	.50	1.0	30.
IF07 80SAR	27F	18	376640	5026800	TU 013	8.50	MRBL	49.	8.	110.	14.	.05	51.	.50	4.0	700.	2.80	.60	1.0	25.
IF07 80SAR	27G	18	376640	5026800	TU 012	6.50	MRBL	45.	6.	107.	13.	.05	50.	.50	3.0	650.	2.90	.60	1.0	30.
IF07 80SAR	27H	18	376640	5026800	TU 011	4.50	MRBL	45.	6.	102.	13.	.05	52.	.50	4.0	625.	2.85	.40	1.0	30.
IF07 80SAR	27I	18	376640	5026800	TU 01	3.00	MRBL	46.	7.	100.	12.	.05	50.	.30	3.0	600.	2.80	.50	1.0	25.
IF07 80SAR	27J	18	376640	5026800	TU 01	1.50	MRBL	46.	7.	90.	12.	.05	49.	.30	5.0	550.	2.40	.50	1.0	30.
IF07 80SAR	27K	18	376640	5026800	TU 01	3.00	MRBL	60.	12.	100.	18.	.05	80.	2.10	4.0	850.	4.26	.20	2.0	NA
IF07 80SAR	28	18	367147	5030124	T0 10		63.	12.	96.	12.	37.	.05	42.	.80	5.0	575.	2.85	.50	1.0	NA
IF07 80SAR	29	18	375850	5027520	10P10	1.00	GRNT	85.	10.	150.	17.	.05	58.	.60	5.0	950.	4.30	.50	3.0	NA
IF07 80SAR	30	18	372908	5030957	T0 10	1.50	GRNT	60.	6.	100.	11.	.05	38.	.30	5.0	675.	2.40	.50	1.0	NA
IF07 80SAR	31	18	370311	5029347	TU 11		70.	10.	105.	13.	40.	.05	64.	9.10	3.0	550.	3.90	.20	1.0	NA
IF07 80SAR	31A	18	370311	5029347	C0 01		90.	10.	98.	17.	40.	.05	61.	9.40	4.0	900.	3.80	.10	2.0	NA
IF07 80SAR	32	18	372329	5025103	T0 10		77.	9.	115.	16.	40.	.05	58.	1.00	4.0	700.	4.25	.10	1.0	NA
IF07 80SAR	33	18	362305	5022941	10P011		92.	13.	138.	17.	47.	.40	68.	.90	4.0	1000.	5.00	.50	1.0	NA
IF07 80SAR	33A	18	362305	5022941	10P112		74.	10.	118.	15.	43.	.05	56.	.60	5.0	750.	3.80	.60	2.0	NA
IF07 80SAR	34	18	360733	5022869	T0 10		48.	8.	110.	10.	30.	.05	40.	.60	7.0	550.	2.15	1.00	2.0	NA
IF07 80SAR	35	18	351721	5019897	TU 10		64.	8.	80.	10.	28.	.05	46.	.70	7.0	600.	2.35	.50	1.0	35.
IF07 80SAR	36	18	351911	5019476	TU 11		60.	8.	105.	11.	36.	.05	45.	.70	7.0	700.	2.75	.60	1.0	30.
IF07 80SAR	36A	18	351911	5019476	TU 01		85.	8.	130.	13.	45.	.05	53.	.80	6.0	600.	3.40	.60	1.0	30.
IF07 80SAR	36B	18	351911	5019476	TU 01		110.	14.	140.	18.	63.	.30	82.	1.60	7.0	1200.	6.50	.70	2.0	130.
IF07 81SAR	129	18	366560	5017220	T0 10		565.	36.	270.	80.	80.	.60	44.	.40	6.0	3100.	6.10	.70	11.0	NA
IF07 81SAR	130	18	365550	5013670	T0 11		39.	10.	100.	10.	36.	.05	42.	.20	5.0	900.	1.80	.50	3.0	NA
IF07 81SAR	130A	18	365550	5013670	T0 01		25.	16.	68.	12.	36.	.05	27.	.50	5.0	740.	1.30	.10	3.0	NA

MAP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	MN PPM	FE PCT	CD PPM	AS PPM	HC PPM
31F07 81SAR	131	18	370480	5016560	F	10	MVCC	400.	18.	470.	148.	108.	.05	98.	.10	6.0	2500.	7.80	.80	25.0	NA
31F07 81SAR	133	18	362720	5038330	VU	10	MAFR	40.	8.	158.	22.	52.	.05	84.	.20	3.0	840.	3.60	.10	2.0	10.
31F07 81SAR	134	18	360075	5036000	TU	10	MAFR	45.	12.	108.	12.	32.	.05	32.	.05	4.0	730.	2.00	.10	3.0	20.
31F07 81SAR	135	18	357600	5036025	TU	10	GNSS	34.	12.	96.	14.	28.	.05	22.	.40	4.0	860.	1.20	.90	3.0	15.
31F07 81SAR	136	18	354000	5035750	D	10	GNSS	56.	14.	94.	12.	32.	.05	30.	.30	4.0	940.	1.40	.50	3.0	40.
31F07 81SAR	137	18	353970	5035900	TU	10	2.50 GNSS	94.	10.	100.	8.	32.	.05	30.	.30	4.0	740.	1.60	.80	4.0	45.
31F07 81SAR	138	18	350675	5035100	F	10	2.00 GRNT	84.	26.	132.	32.	50.	.05	34.	.20	3.0	3400.	3.20	.70	5.0	90.
31F07 81SAR	139	18	349950	5033210	FU	10	GNSS	220.	33.	176.	32.	70.	.05	71.	2.50	4.0	4200.	6.80	.50	7.0	420.
31F07 81SAR	140	18	350000	5033075	TU	10	GNSS	230.	21.	255.	36.	85.	.05	72.	.40	3.0	1500.	6.40	.50	5.0	160.
31F07 81SAR	141	18	350700	5031250	TU	10	GNSS	68.	11.	110.	16.	46.	.05	45.	.30	2.0	560.	3.70	.10	3.0	50.
31F07 81SAR	142	18	352600	5032000	TU	10	MRBL	72.	14.	104.	18.	96.	.05	65.	.20	2.0	620.	3.30	.10	5.0	30.
31F07 81SAR	143	18	354520	5033310	TU	10	MRBL	42.	11.	98.	12.	30.	.05	29.	.20	4.0	770.	1.60	.10	3.0	20.
31F07 81SAR	144	18	359640	5038110	MD	10	2.00 MRBL	32.	9.	132.	20.	52.	.05	84.	.30	2.0	860.	3.30	.10	2.0	2.
31F07 81SAR	145	18	356460	5033140	TU	10	1.00 MSDM	38.	10.	63.	6.	24.	.05	24.	.05	4.0	570.	1.10	.10	3.0	15.
31F07 81SAR	146	18	357475	5031450	TU	10	MSDM	100.	20.	158.	20.	56.	.10	44.	.20	2.0	1100.	3.80	.10	6.0	140.
31F07 81SAR	149	18	346000	5024700	TU	10	MAFR	240.	48.	460.	96.	92.	.05	62.	.60	4.0	2800.	5.30	1.00	6.0	335.
31F07 81SAR	151A	18	352160	5019900	F	11	MRBL	72.	10.	124.	12.	44.	.05	32.	.20	4.0	840.	2.00	.50	3.0	NA
31F07 81SAR	152	18	353925	5018300	TU	10	GNSS	290.	18.	460.	32.	103.	.05	172.	.50	4.0	660.	7.00	.50	3.0	NA
31F07 81SAR	168	18	367540	5035300	MD	10	MAFR	38.	9.	120.	14.	32.	.05	66.	.20	3.0	625.	4.10	.10	1.0	25.
31F07 81SAR	169	18	368550	5029350	TU	10	GRNT	170.	28.	190.	34.	50.	.60	55.	1.30	2.0	2700.	5.90	.60	4.0	NA
31F07 81SAR	170	18	361700	5025400	TN	10	3.00 MRBL	65.	12.	135.	18.	44.	.10	40.	.50	3.0	760.	3.70	.10	1.0	35.
31F07 81SAR	171	18	361350	5025220	TU	10	MRBL	66.	10.	130.	12.	36.	.40	36.	.30	3.0	665.	3.00	.60	1.0	40.
31F07 81SAR	172	18	360550	5024000	TU	10	MRBL	66.	10.	130.	12.	34.	.30	30.	.30	4.0	640.	3.00	.50	1.0	NA
31F07 81SAR	173	18	358880	5022390	TU	10	MRBL	61.	12.	135.	8.	32.	.30	31.	.60	5.0	565.	2.30	.70	1.0	NA
31F07 81SAR	174	18	360100	5019900	TU	10	MRBL	84.	10.	110.	8.	30.	.05	36.	.30	6.0	535.	2.00	.60	2.0	NA
31F07 81SAR	175	18	360380	5018660	TU	10	MRBL	64.	12.	160.	11.	40.	.05	51.	.70	4.0	645.	3.40	.50	2.0	NA
31F07 81SAR	176	18	358700	5014720	TN	10	MRBL	61.	16.	135.	11.	36.	.05	38.	.70	6.0	685.	3.10	.60	1.0	NA
31F07 81SAR	177	18	358705	5014725	TU	10	MRBL	69.	12.	190.	14.	38.	.05	47.	.70	4.0	690.	3.80	.20	1.0	NA
31F07 81SAR	180	18	352825	5023680	TN	10	GNSS	76.	12.	150.	12.	37.	.20	52.	.30	4.0	660.	3.60	.40	2.0	25.
31F07 81SAR	181	18	351075	5029000	TU	10	MRBL	41.	11.	96.	8.	25.	.20	38.	.40	5.0	535.	2.50	.40	1.0	45.
31F07 81SAR	182	18	344750	5031125	F0P00		NPLS	310.	43.	295.	52.	94.	.60	120.	2.50	7.0	3250.	8.90	.80	2.0	NA
31F07 81SAR	182A	18	344750	5031125	TU	10	2.00 NPLS	160.	18.	225.	16.	48.	.30	86.	1.10	3.0	680.	6.60	.10	1.0	45.
31F07 81SAR	183	18	345450	5036150	TU	11	GRNT	43.	10.	94.	12.	26.	.20	44.	.30	4.0	625.	3.10	.30	1.0	25.
31F07 81SAR	183A	18	345450	5036150	TU	01	GRNT	45.	12.	88.	10.	25.	.05	47.	.80	5.0	585.	2.80	.20	1.0	30.
31F07 81SAR	184	18	347400	5039480	MD	10	GNSS	32.	7.	136.	14.	28.	.05	57.	.10	2.0	730.	4.10	.10	3.0	20.
31F07 81SAR	194	18	374575	5025750	TU	10	GRNT	48.	10.	100.	12.	29.	.40	47.	.50	4.0	700.	2.80	.10	1.0	NA
31F07 81SAR	195	18	347450	5018880	TU	10	MRBL	83.	20.	158.	20.	40.	.60	64.	2.30	2.0	1200.	5.50	.10	2.0	110.
31F07 81SAR	281	18	380070	5013220	TU	10	MRBL	92.	38.	148.	29.	52.	.70	76.	4.30	4.0	2800.	4.80	.10	9.0	265.
31F07 81SAR	282	18	382250	5014700	FU	10	MRBL	84.	31.	112.	24.	58.	.05	86.	3.10	3.0	2000.	4.60	.10	9.0	345.
31F07 81SAR	289	18	368870	5038860	FU	10	MRBL	36.	19.	116.	20.	33.	.05	58.	.80	3.0	720.	3.40	.10	2.0	10.
31F07 81SAR	290	18	371150	5033380	TU	10	GRNT	44.	23.	100.	11.	30.	.05	41.	.60	4.0	700.	1.80	.10	1.0	2.
31F07 81SAR	291	18	377430	5038520	MD	10	MRBL	36.	17.	140.	21.	39.	.05	71.	.80	2.0	740.	3.80	.10	1.0	10.
31F07 81SAR	292	18	380950	5039550	MD	10	LMST	44.	20.	142.	21.	48.	.05	50.	.30	2.0	680.	3.70	.10	1.0	20.
31F07 81SAR	293	18	380500	5037590	MD	10	MRBL	40.	19.	127.	21.	61.	.05	109.	.80	2.0	700.	3.50	.10	2.0	15.
31F08 82KAR	824	18	342580	5029600	MN	10	LMST	50.	8.	155.	15.	37.	.05	77.	.60	.5	570.	4.40	.05	3.0	10.
31F08 82KAR	825	18	382950	5028200	MN	10	LMST	51.	10.	148.	13.	37.	.05	80.	.40	1.0	550.	4.40	.05	2.0	20.
31F08 82KAR	826	18	383600	5026000	MN	10	MRBL	41.	10.	145.	14.	34.	.05	72.	.30	1.0	640.	4.40	.05	1.0	20.
31F08 82KAR	827	18	386800	5025000	MN	10	LMST	36.	11.	147.	17.	36.	.05	70.	.50	.5	840.	4.20	.05	2.0	20.
31F08 82KAR	842	18	393150	5022900	FU	10	LMST	46.	7.	140.	18.	34.	.10	75.	.50	2.0	860.	4.20	.05	2.0	50.
31F08 82KAR	843	18	391700	5022800	TN	10	MRBL	64.	12.	129.	9.	30.	.05	39.	.20	4.0	820.	2.10	.60	3.0	110.
31F08 82KAR	844	18	399600	5023400	FU	10	MRBL	50.	10.	166.	17.	37.	.10	77.	.50	5.0	830.	4.70	.05	2.0	25.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BDRK	CU	PB	ZN	CO	NI	AG	CR	U	MO	MN	FE	CD	AS	HG	PPB
		ZN	EAST	NORTH	TYPE	DEPTH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM		
31F08 82KAR 845		18 388000	5023800	MU 10		LMST	47.	10.	165.	13.	37.	.20	78.	.50	3.0	80C.	4.80	.05	2.0	35.	
31F08 82KAR 846		18 396240	5022800	MU 10		LMST	49.	11.	141.	19.	36.	.05	75.	.40	1.0	115C.	5.10	.05	2.0	40.	
31F08 82KAR 847		18 397300	5022300	MU 10		LPST	46.	12.	142.	21.	52.	.05	94.	1.10	2.0	90C.	4.60	.05	2.0	30.	
31F08 82KAR 848		18 410300	5022300	MU 10		LMST	51.	11.	141.	17.	43.	.10	86.	.20	1.0	86C.	4.50	.05	1.0	40.	
31F08 82KAR 849		18 405200	5017300	MU 10		LMST	16.	10.	34.	3.	16.	.05	38.	.30	.5	110C.	3.90	.05	4.0	110.	
31F08 82KAR 850		18 409200	5015800	MU 10		LMST	54.	10.	144.	15.	46.	.05	85.	.40	1.0	80C.	4.50	.05	3.0	35.	
31F08 82KAR 851		18 412400	5018400	MU 10		LMST	46.	9.	147.	17.	40.	.05	85.	1.00	2.0	94C.	4.60	.05	2.0	40.	
31F08 82KAR 852		18 416000	5017300	TU 112		LMST	52.	13.	72.	12.	24.	.20	32.	.30	5.0	66C.	1.70	.05	2.0	50.	
31F08 82KAR 852A		18 416000	5017300	FO 011		LMST	76.	14.	142.	21.	47.	.50	93.	.70	4.0	48C.	5.50	.05	6.0	75.	
31F08 82KAR 853		18 418800	5015800	MU 10		LMST	59.	8.	156.	20.	44.	.05	90.	.60	1.0	90C.	4.80	.05	4.0	30.	
31F08 82KAR 854		18 420500	5014300	FO 10		LMST	108.	40.	135.	29.	57.	1.40	66.	.40	4.0	1040C.	6.10	1.60	1.0	0.	
31F08 82KAR 855		18 420900	5013110	MU 10		LMST	43.	13.	108.	14.	36.	.10	71.	.50	3.0	87C.	3.60	.05	3.0	40.	
31F08 80SAR 5		18 393558	5013080	VO 10		GRNT	40.	6.	130.	15.	38.	.05	69.	.50	5.0	600.	4.00	.40	1.0	25.	
31F08 80SAR 6		18 385920	5017662	TN 10		MAFR	70.	10.	125.	15.	45.	.05	61.	.30	3.0	700.	3.30	.50	1.0	50.	
31F08 80SAR 8		18 395622	5019595	TU 11		GRNT	62.	7.	98.	8.	32.	.05	29.	.30	5.0	70C.	1.70	1.00	1.0	25.	
31F08 80SAR 8A		18 395622	5019595	TU 01		GRNT	73.	7.	123.	9.	34.	.05	33.	.30	6.0	725.	2.15	1.00	2.0	35.	
31F08 80SAR 8B		18 395622	5019595	TU 01		GRNT	185.	11.	160.	23.	58.	.05	44.	.80	5.0	1300.	4.75	.50	7.0	65.	
31F08 80SAR 8C		18 395622	5019595	TU 01		GRNT	185.	13.	152.	20.	59.	.05	52.	.80	3.0	200C.	5.75	.50	6.0	110.	
31F08 80SAR 9		18 393619	5020891	CO 10		MAFR	135.	30.	960.	38.	94.	.05	68.	3.50	7.0	135C.	5.00	.80	3.0	NA	
31F08 80SAR 10		18 391707	5022924	TU 10	2.00	MRBL	50.	8.	95.	10.	34.	.05	32.	.70	7.0	70C.	1.85	.80	2.0	NA	
31F08 80SAR 26		18 391034	5031874	TU 10		GNSS	43.	6.	75.	11.	35.	.05	36.	.50	6.0	500.	1.95	.40	1.0	25.	
31F08 81SAR 120		18 416430	5026720	CO 10		GNSS	48.	8.	200.	30.	60.	.05	90.	.40	2.0	60C.	4.00	.10	2.0	NA	
31F08 81SAR 121		18 418630	5028700	MU 10	3.00	DLMT	36.	8.	156.	26.	49.	.05	76.	.20	2.0	1100.	4.00	.10	3.0	NA	
31F08 81SAR 122		18 411680	5021870	MU 10		LMST	36.	6.	140.	24.	48.	.05	80.	.20	2.0	96C.	3.60	.10	1.0	NA	
31F08 81SAR 123		18 410925	5020250	TU 10		LMST	50.	10.	92.	9.	30.	.05	26.	.20	5.0	62C.	1.40	.60	3.0	NA	
31F08 81SAR 124		18 405650	5017625	MU 10		LMST	30.	8.	136.	22.	41.	.05	56.	.30	1.0	100C.	3.80	.10	3.0	NA	
31F08 81SAR 125		18 420950	5015125	TU 112		LMST	34.	8.	108.	16.	36.	.05	52.	.40	4.0	100C.	2.50	.10	2.0	NA	
31F08 81SAR 125A		18 420950	5015125	MU 011		LMST	34.	8.	124.	18.	38.	.05	54.	.20	3.0	96C.	3.00	.10	1.0	NA	
31F08 81SAR 276		18 392025	5029675	MU 10	1.50	MRBL	44.	16.	144.	16.	38.	.05	70.	.40	2.0	58C.	3.50	.10	2.0	15.	
31F08 81SAR 277		18 388210	5026180	MU 10	2.00	LMST	41.	15.	144.	18.	36.	.05	64.	.05	2.0	64C.	3.70	.10	1.0	20.	
31F08 81SAR 278		18 387100	5022550	TN 10		MRBL	83.	26.	138.	22.	48.	.05	56.	.60	2.0	740.	3.30	.10	2.0	20.	
31F08 81SAR 279		18 383850	5011800	F 10		MAFR	127.	26.	141.	20.	48.	.05	42.	.30	2.0	86C.	3.50	.10	6.0	30.	
31F08 81SAR 280		18 384130	5012920	TU 10		MRBL	180.	30.	204.	25.	76.	.05	58.	1.70	4.0	1300.	4.60	.10	9.0	100.	
31F08 81SAR 283		18 383400	5022900	TU 10	2.00	MRBL	67.	24.	124.	16.	42.	.05	60.	.30	4.0	70C.	3.40	.10	3.0	40.	
31F08 81SAR 284		18 383900	5024520	TU 10		MRBL	64.	27.	120.	16.	41.	.05	56.	.80	4.0	68C.	2.90	.10	3.0	30.	
31F08 81SAR 285		18 382800	5029250	TN 10		MRBL	47.	20.	100.	15.	36.	.05	54.	.90	3.0	710.	2.40	.10	2.0	15.	
31F08 81SAR 286		18 383800	5029280	MU 10	1.00	MRBL	42.	15.	136.	15.	34.	.05	61.	.30	3.0	51C.	3.50	.10	3.0	15.	
31F08 81SAR 287		18 384930	5029370	T 10		MRBL	45.	16.	145.	18.	40.	.05	76.	.30	3.0	58C.	3.90	.10	5.0	25.	
31F08 81SAR 288		18 383440	5031200	MU 10	1.50	MRBL	125.	29.	208.	18.	67.	.05	56.	.30	2.0	770.	3.40	.10	1.0	10.	
31F08 81SAR 294		18 386900	5035180	MU 10		SHLE	40.	18.	145.	20.	39.	.05	62.	.60	3.0	700.	3.70	.10	2.0	15.	
31F08 81SAR 295		18 387550	5030710	MU 10		MRBL	44.	16.	152.	18.	36.	.05	68.	.60	3.0	70C.	3.80	.10	2.0	20.	
31F08 81SAR 296		18 394420	5030875	TU 10		MRBL	20.	27.	52.	10.	28.	.05	32.	.30	5.0	68C.	1.10	.10	1.0	20.	
31F08 81SAR 297		18 400325	5029410	MU 10		DLMT	56.	18.	146.	20.	54.	.05	104.	.70	3.0	54C.	3.70	.10	1.0	15.	
31F08 81SAR 298		18 402300	5030710	MU 111		MRBL	40.	18.	140.	21.	48.	.05	96.	.30	2.0	65C.	3.80	.10	1.0	20.	
31F08 81SAR 299		18 407700	5032220	TU 10		GNSS	164.	33.	1050.	26.	82.	.05	65.	1.30	3.0	91C.	4.20	.10	5.0	35.	
31F08 81SAR 300		18 412480	5026440	TU 10	1.00	MRBL	138.	30.	250.	22.	60.	.50	46.	1.20	2.0	922.	3.60	.10	4.0	150.	
31F08 81SAR 302		18 416280	5026580	TU 10		GNSS	16.	26.	156.	24.	64.	.05	86.	1.90	2.0	68C.	4.10	.10	2.0	100.	
31F08 81SAR 303		18 416500	5028200	MU 10		SVNT	38.	14.	128.	18.	58.	.05	72.	.30	3.0	635.	3.50	.10	1.0	10.	
31F08 81SAR 304		18 414900	5031300	TU 10		GNSS	90.	24.	108.	22.	56.	.05	50.	.80	3.0	685.	3.30	.10	1.0	30.	
31F08 81SAR 305		18 414600	5031600	PM 10		GNSS	44.	21.	136.	19.	48.	.05	87.	.60	2.0	59C.	3.70	.10	1.0	20.	
31F08 81SAR 306		18 411600	5030850	TU010		GNSS	64.	34.	136.	34.	66.	.05	88.	1.90	3.0	900.	3.90	.10	2.0	100.	

MAP ID UTM COORDINATES SAMP SAMP BORK CU PB ZN CO NI AG CR U MQ MN FE CD AS HG

MAP	ID	UTM	COORDINATES	SAMP	SAMP	BORK	CU	PB	ZN	CO	NI	AG	CR	U	MQ	MN	FE	CD	AS	HG
IF08	81SAR 307	18	406920 5026350	M0 10	2.00	LMST	52.	18.	142.	26.	68.	.05	120.	.30	2.0	825.	4.00	.10	2.0	20.
IF08	81SAR 308	18	400660 5021610	MN 10		LMST	40.	18.	148.	22.	44.	.05	80.	.60	3.0	680.	3.80	.10	3.0	20.
IF08	81SAR 309	18	399210 5017700	M0 10		DLMT	48.	17.	144.	20.	46.	.05	90.	.30	2.0	620.	3.90	.10	1.0	10.
IF08	81SAR 310	18	397690 5016925	T0 10		GNSS	105.	26.	154.	25.	60.	.05	72.	.70	4.0	1350.	3.70	.10	2.0	110.
IF08	81SAR 312	18	394450 5017600	MU 10		GRNT	60.	20.	136.	18.	39.	.05	69.	1.10	4.0	680.	3.90	.10	3.0	30.
IF08	81SAR 313	18	396275 5017280	T0 10		GRNT	120.	27.	157.	22.	61.	.05	48.	2.30	3.0	940.	3.60	.10	5.0	30.
IF08	81SAR 314	18	396000 5012900	T0 10	2.00	MAFR	138.	29.	180.	27.	65.	.05	56.	1.20	4.0	1200.	3.80	.10	5.0	45.
IF08	81SAR 315	18	391280 5013700	M0 10		GNSS	42.	23.	104.	15.	36.	.05	60.	2.70	2.0	520.	3.36	.10	2.0	25.
IF08	81SAR 316	18	390480 5014240	TOP10		GNSS	600.	83.	370.	68.	140.	.05	94.	6.40	6.0	1150.	3.70	.10	4.0	120.
IF09	81SAR 154	18	356700 5068900	M0 10		LMST	32.	7.	105.	15.	37.	.05	107.	.20	.5	655.	3.70	.10	1.0	20.
IF09	81SAR 155	18	356100 5070000	F 10		LMST	165.	26.	140.	82.	81.	.05	60.	.05	4.0	4250.	4.80	.60	6.0	105.
IF10	80AR 607	18	304806 5048085	T0 10		GNSS	281.	15.	185.	35.	86.	.10	90.	1.30	1.0	1475.	10.00	.20	2.0	85.
IF10	80AR 691A	18	349213 5048721	M 11		MRBL	37.	5.	120.	14.	30.	.30	60.	.20	4.0	550.	4.70	.10	2.0	15.
IF10	80AR 692	18	351870 5049361	TU 10		SYNT	55.	6.	85.	10.	30.	.05	36.	.30	6.0	640.	2.40	.50	1.0	20.
IF10	80AR 694	18	359982 5042291	MU 10		MRBL	37.	5.	138.	15.	45.	.05	105.	.80	4.0	750.	4.40	.10	1.0	20.
IF10	80AR 695	18	362780 5046797	TN 10		MRBL	36.	6.	68.	8.	22.	.05	38.	.30	6.0	575.	2.00	.30	1.0	25.
IF10	80AR 696	18	364004 5045564	T0 10		MRBL	67.	12.	130.	18.	43.	.20	78.	1.50	4.0	1000.	5.15	.10	3.0	105.
IF10	80AR 697	18	344610 5065362	MN 10		LMST	40.	4.	120.	14.	38.	.20	77.	.30	4.0	565.	3.95	.10	2.0	35.
IF10	80AR 698	18	353150 5058328	M0 10		MRBL	60.	10.	135.	18.	58.	.10	80.	1.20	4.0	800.	5.00	.10	1.0	70.
IF10	80AR 701	18	358969 5057902	M 10		MRBL	38.	8.	120.	17.	55.	.10	120.	.80	4.0	800.	4.50	.10	3.0	30.
IF10	80AR 702	18	362145 5057786	M 10		MRBL	35.	6.	125.	17.	52.	.10	115.	.50	4.0	600.	4.00	.10	1.0	20.
IF10	80AR 704	18	360631 5061238	MN 10		MRBL	52.	5.	110.	13.	44.	.10	93.	.60	3.0	515.	4.20	.10	2.0	20.
IF10	80AR 706	18	357593 5053894	MU 10		MAFR	41.	4.	118.	15.	34.	.10	75.	.50	3.0	570.	4.00	.10	1.0	10.
IF10	80AR 708	18	362280 5052102	M 10		MRBL	33.	4.	122.	13.	30.	.10	70.	.50	3.0	560.	4.10	.10	1.0	20.
IF10	80AR 710	18	368036 5047513	MU 10		MAFR	35.	5.	120.	16.	34.	.10	73.	.30	2.0	600.	4.30	.10	1.0	15.
IF10	80AR 711	18	363731 5040122	T0 10		MRBL	60.	19.	190.	16.	45.	.20	50.	.60	3.0	630.	4.60	.30	2.0	20.
IF10	81SAR 153	18	367200 5048700	M0 10		MAFR	42.	7.	128.	13.	36.	.05	85.	.50	.5	615.	3.60	.10	1.0	15.
IF10	81SAR 166	18	359000 5057860	MU 10		SYNT	45.	8.	130.	13.	46.	.05	132.	.20	2.0	640.	4.20	.10	1.0	15.
IF10	81SAR 167	18	367938 5044975	TU 10		MRBL	57.	9.	134.	12.	37.	.05	60.	.70	4.0	585.	3.10	.50	1.0	15.
IF10	81SAR 185	18	349000 5040800	M0 10		LMST	31.	7.	140.	15.	26.	.05	56.	.30	2.0	710.	4.00	.10	1.0	NA
IF10	81SAR 186	18	361700 5040870	MU 10		MAFR	34.	11.	155.	17.	37.	.05	80.	.20	2.0	945.	4.00	.10	1.0	25.
IF10	81SAR 187	18	362600 5040650	T0 10		MAFR	85.	16.	200.	17.	34.	.05	50.	1.20	3.0	850.	4.30	.50	3.0	30.
IF11	80AR 515	18	310245 5046500	T0 10		MAFR	95.	10.	150.	20.	45.	.05	65.	.30	2.0	825.	6.15	.10	1.0	35.
IF11	80AR 516	18	309119 5045601	T0 10		GNSS	444.	16.	490.	35.	89.	.60	73.	2.00	6.0	1900.	9.75	.40	1.0	NA
IF11	80AR 605	18	306479 5043061	T0 10		GNSS	276.	6.	125.	22.	54.	.05	57.	1.40	1.0	1175.	8.00	.10	1.0	75.
IF11	80AR 610	18	311914 5045685	T0 10		GNSS	64.	5.	80.	10.	30.	.20	45.	2.20	1.0	470.	3.45	.10	1.0	35.
IF11	80AR 611	18	315889 5045033	T0 10		GNSS	138.	12.	128.	20.	44.	.10	55.	1.80	3.0	925.	5.80	.10	1.0	40.
IF11	80AR 616	18	316629 5045411	T0 10		GNSS	312.	9.	175.	40.	78.	.05	90.	7.30	1.0	1175.	9.00	.10	1.0	45.
IF11	80AR 618	18	322319 5045295	TOP10		MAFR	183.	45.	300.	25.	98.	.20	56.	5.50	3.0	1300.	8.25	.40	1.0	150.
IF11	80AR 619	18	322608 5044612	T0 10		MAFR	144.	16.	315.	22.	69.	.10	51.	1.00	1.0	950.	6.40	.30	1.0	40.
IF11	80AR 623	18	333745 5041131	TN 10		MRBL	38.	8.	112.	8.	26.	.10	30.	.60	1.0	615.	2.40	.30	2.0	10.
IF11	80AR 624	18	333960 5041003	TU 10		SYNT	25.	7.	83.	6.	14.	.10	21.	.60	4.0	700.	2.00	.20	1.0	10.
IF11	80AR 640	18	318876 5067257	TU 10		GNSS	135.	14.	200.	31.	66.	.20	46.	4.90	1.0	875.	6.20	.10	1.0	NA
IF11	80AR 647	18	323616 5052063	CO 10		MRBL	153.	67.	4500.	32.	77.	.30	70.	1.20	1.0	2950.	23.00	6.00	2.0	NA
IF11	80AR 649	18	324166 5053830	TN 10		MRBL	148.	17.	182.	20.	57.	.05	43.	3.80	2.0	545.	4.60	.10	1.0	70.
IF11	80AR 653	18	335073 5046638	T0 114		MAFR	29.	5.	65.	12.	36.	.20	40.	.50	1.0	760.	2.75	.10	1.0	25.
IF11	80AR 653A	18	335073 5046638	T0 013		MAFR	45.	4.	85.	13.	40.	.10	46.	.50	4.0	730.	3.40	.10	1.0	20.
IF11	80AR 653B	18	335073 5046638	T0 012		MAFR	58.	5.	94.	16.	57.	.10	55.	.50	3.0	525.	3.90	.10	2.0	25.
IF11	80AR 653C	18	335073 5046638	T0 011		MAFR	97.	10.	110.	16.	48.	.20	55.	.40	4.0	1300.	4.70	.20	2.0	55.
IF11	80AR 654	18	335552 5046611	T0 10		MAFR	55.	6.	90.	14.	50.	.10	53.	.50	1.0	540.	4.20	.10	1.0	30.
IF11	80AR 655	18	336695 5045406	T0 10		MAFR	60.	8.	80.	12.	33.	.30	37.	.30	4.0	880.	2.85	.20	.1	20.

MAP	ID	UTM	COORDINATES	SAMP	SAMP	CU	PB	ZN	CO	NI	AG	CR	U	PO	MN	FE	CD	AS	HG			
		ZN	EAST	NORTH	TYPE	DEPTH	BDRK	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPB			
31F11	80AR	657	18 337948	5047434	T0 10		SYNT		84.	7.	93.	13.	42.	.10	43.	.60	1.0	610.	3.45	.20	2.0	20.
31F11	80AR	658	18 337662	5049586	TN 10		LMST		82.	6.	100.	11.	53.	.05	50.	.50	1.0	625.	3.40	.20	1.0	20.
31F11	80AR	659	18 339693	5050275	TM 10		LMST		80.	8.	78.	14.	36.	.05	36.	.40	2.0	680.	3.20	.20	1.0	30.
31F11	80AR	660	18 341401	5052858	TN 10		LMST		58.	4.	79.	10.	30.	.20	38.	.50	3.0	650.	2.95	.10	1.0	25.
31F11	80AR	661	18 336718	5052463	T0 012		LMST		40.	4.	75.	10.	35.	.05	44.	.40	2.0	565.	3.00	1.00	1.0	15.
31F11	80AR	661A	18 336718	5052463	T0 111		LMST		30.	5.	68.	7.	30.	.10	32.	.40	3.0	480.	2.55	.10	1.0	15.
31F11	80AR	662	18 336094	5049992	T0 10		LMST		45.	6.	73.	11.	36.	.10	36.	.30	1.0	610.	3.10	.10	2.0	30.
31F11	80AR	663	18 335536	5050429	T0 10		LMST		50.	6.	80.	12.	38.	.10	36.	.50	3.0	770.	3.50	.10	2.0	25.
31F11	80AR	664	18 337059	5056177	VM 10		GNSS		50.	6.	120.	15.	32.	.10	80.	.80	4.0	575.	5.25	.10	1.0	25.
31F11	80AR	671	18 329880	5061372	T0 10		GNSS		75.	6.	120.	0.	31.	.20	50.	1.40	3.0	380.	3.80	.10	1.0	NA
31F11	80AR	672	18 330094	5060005	T0 10		GNSS		100.	10.	120.	17.	36.	.10	60.	1.90	4.0	500.	4.60	.10	1.0	NA
31F11	80AR	674	18 338944	5059989	T0 10		LMST		80.	9.	137.	16.	60.	.20	93.	.60	3.0	695.	4.75	.40	4.0	45.
31F11	80AR	675	18 338531	5060734	VO 10		LMST		35.	5.	109.	13.	30.	.30	68.	1.00	3.0	480.	4.30	.20	1.0	60.
31F11	80AR	677	18 330628	5058258	F 10		GNSS		155.	12.	130.	24.	62.	.20	64.	3.10	4.0	625.	4.65	.10	2.0	30.
31F11	80AR	678	18 331336	5062636	T0 11		GNSS		64.	6.	115.	11.	22.	.05	38.	1.10	4.0	400.	3.00	.10	1.0	25.
31F11	80AR	678A	18 331336	5062636	T0 01		GNSS		70.	10.	80.	12.	26.	.05	43.	1.90	4.0	425.	3.65	.10	1.0	NA
31F11	80AR	678B	18 331336	5062636	T0 01		GNSS		88.	18.	65.	18.	30.	.20	55.	3.20	4.0	330.	4.70	.10	2.0	190.
31F11	80AR	680	18 335652	5064141	T0 10		GNSS		103.	18.	110.	22.	40.	.05	56.	.30	4.0	850.	3.20	.10	1.0	35.
31F11	80AR	681	18 337341	5067759	MM 10		LMST		51.	8.	117.	20.	55.	.10	114.	1.00	5.0	875.	5.05	.10	3.0	30.
31F11	80AR	682	18 338376	5066534	T0 013	3.50	LMST		79.	8.	100.	14.	35.	.05	48.	.50	4.0	700.	3.60	.30	1.0	35.
31F11	80AR	682A	18 338376	5066534	T0 112	1.50	LMST		72.	6.	80.	12.	32.	.05	40.	.30	4.0	850.	3.20	.10	1.0	35.
31F11	80AR	682B	18 338376	5066534	T0 011	.50	LMST		73.	6.	85.	11.	30.	.05	34.	.40	4.0	930.	2.80	.30	3.0	45.
31F11	80AR	683	18 339464	5062274	T0 10		LMST		28.	10.	38.	11.	28.	.05	31.	.05	6.0	890.	1.60	.20	2.0	35.
31F11	80AR	684	18 341107	5063212	M 10		LMST		34.	4.	110.	16.	33.	.10	87.	.30	4.0	600.	4.90	.10	1.0	15.
31F11	80AR	685	18 341844	5062165	T0 10		LMST		42.	10.	78.	15.	45.	.20	43.	.30	6.0	910.	2.85	.10	2.0	45.
31F11	80AR	686	18 342816	5063974	T0 10		LMST		43.	10.	85.	15.	34.	.10	48.	.30	6.0	780.	3.40	.10	1.0	30.
31F11	80AR	687	18 343318	5062575	TN 10		LMST		48.	8.	55.	7.	23.	.05	26.	.30	8.0	550.	1.50	.50	1.0	20.
31F11	80AR	688	18 344193	5061601	TU 11		LMST		63.	8.	90.	8.	30.	.05	38.	.30	7.0	560.	2.65	.50	1.0	20.
31F11	80AR	688A	18 344193	5061601	TU 01		LMST		58.	8.	100.	9.	30.	.05	40.	.30	6.0	560.	2.60	.50	1.0	25.
31F11	80AR	688B	18 344193	5061601	T0 01		LMST		65.	8.	93.	10.	33.	.05	47.	.30	7.0	610.	2.75	.50	1.0	35.
31F11	80AR	723	18 336592	5044004	T0 10		LMST		67.	12.	100.	15.	38.	.20	57.	.40	2.0	745.	4.40	.20	1.0	40.
31F11	82KAR	84C	18 343250	5058500	MU 10		LMST		17.	9.	161.	14.	40.	.20	166.	.50	1.0	600.	3.60	.05	1.0	45.
31F11	82KAR	841	18 342200	5060050	MU 10		LMST		45.	8.	133.	16.	42.	.05	88.	.50	1.0	910.	4.00	.05	1.0	30.
31F12	80AR	517	18 304378	5044458	T0 11	6.00	GNSS		84.	5.	87.	15.	34.	.20	46.	.50	2.0	675.	4.60	.20	2.0	30.
31F12	80AR	517A	18 304378	5044458	T0 01		GNSS		108.	12.	100.	25.	45.	.10	65.	.60	3.0	1950.	7.00	.30	1.0	45.
31F14	80AR	666	18 335427	5073518	F 015		GNSS		41.	6.	119.	19.	38.	.10	75.	.80	5.0	835.	4.30	.10	2.0	25.
31F14	80AR	666A	18 335427	5073518	TU 114		GNSS		51.	5.	93.	12.	27.	.05	44.	.30	3.0	1200.	3.20	.30	2.0	10.
31F14	80AR	666B	18 335427	5073518	TU 013		GNSS		60.	8.	95.	14.	35.	.20	48.	.40	4.0	915.	3.85	.30	1.0	20.
31F14	80AR	666C	18 335427	5073518	TN 012		GNSS		64.	7.	86.	13.	37.	.20	47.	.30	2.0	840.	3.50	.20	2.0	25.
31F14	80AR	666D	18 335427	5073518	T0 011		GNSS		64.	5.	90.	14.	32.	.10	44.	.40	2.0	835.	3.45	.10	2.0	30.
31F14	80AR	667	18 335250	5068550	VM 10		GNSS		60.	4.	121.	15.	54.	.05	110.	1.00	3.0	650.	4.75	.10	2.0	25.
31F15	82KAR	828	18 372200	5040000	MN 10		MRBL		48.	10.	132.	12.	34.	.05	72.	.30	.5	740.	3.70	.05	3.0	25.
31F15	82KAR	829	18 371000	5042000	TU 10		MRBL		84.	13.	128.	13.	42.	.05	69.	.30	1.0	690.	3.60	.05	3.0	35.
31F15	82KAR	830	18 371180	5041220	TU 10		MRBL		69.	13.	112.	10.	34.	.05	67.	.30	3.0	670.	3.00	.05	4.0	30.
31F15	82KAR	831	18 370400	5042600	MN 10		MRBL		56.	12.	139.	12.	35.	.05	77.	.50	1.0	680.	4.10	.05	3.0	35.
31F15	82KAR	832	18 366800	5043560	F 10		MAFR		39.	12.	130.	15.	38.	.05	81.	.90	2.0	960.	4.00	.05	1.0	30.
31F15	82KAR	833	18 361220	5045600	MU 10		GNSS		43.	10.	128.	15.	28.	.05	82.	.40	4.0	830.	3.90	.05	2.0	30.
31F15	82KAR	834	18 359000	5046600	F 10		MRBL		91.	17.	166.	26.	60.	.05	107.	4.80	5.0	640.	4.40	.05	3.0	40.
31F15	82KAR	835	18 357000	5048400	F 10		MRBL		34.	12.	107.	13.	28.	.05	65.	1.40	5.0	880.	3.30	.05	3.0	40.
31F15	82KAR	836	18 351800	5051200	T0 10		MAFR		63.	15.	130.	11.	35.	.10	58.	.40	4.0	880.	3.30	.05	2.0	80.
31F15	82KAR	837	18 342200	5053425	PO 10		MRBL		49.	10.	126.	13.	36.	.20	90.	.30	.5	630.	4.20	.05	3.0	45.

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MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	CU PPM	PB PPM	ZN PPM	CO PPM	NI PPM	AG PPM	CR PPM	U PPM	MO PPM	PN PPM	FE PCT	CD PPM	AS PPM	HC PPB
31F15	82KAR 838	18	345600	5055200	MU 10		MRBL	44.	10.	130.	13.	36.	.05	88.	.50	1.0	84C.	4.10	.05	2.0	50.
31F15	82KAR 839	18	345000	5057000	MU 10		MRBL	43.	10.	143.	17.	43.	.10	96.	.80	1.0	670.	4.30	.05	2.0	55.
31F15	81SAR 156	18	355000	5072400	TU 11		LMST	70.	13.	78.	22.	56.	.05	46.	.20	4.0	150C.	3.70	.20	1.0	100.
31F15	81SAR 156A	18	355000	5072400	TU 01		LMST	49.	13.	78.	22.	32.	.05	40.	.20	4.0	65C.	2.60	.10	12.0	45.
31F15	81SAR 157	18	352800	5078400	M 10		LMST	40.	8.	150.	16.	50.	.05	123.	.10	2.0	68C.	4.10	.30	1.0	30.
31F15	81SAR 158	18	357600	5078100	F 10		LMST	82.	20.	106.	29.	56.	.05	145.	5.90	3.0	225C.	4.60	.40	3.0	190.
31F15	81SAR 159	18	359900	5077400	F 10		LMST	50.	7.	132.	15.	42.	.05	100.	.20	3.0	57C.	3.70	.10	1.0	55.
31F15	81SAR 160	18	360900	5073800	M 10		LMST	36.	7.	140.	15.	50.	.05	118.	.30	.5	59C.	3.90	.10	1.0	20.
31F15	81SAR 161	18	358850	5074700	TU 10		LMST	17.	20.	29.	8.	20.	.20	24.	.50	6.0	325.	1.20	.10	4.0	80.
31F15	81SAR 162	18	358300	5069500	MU 10		LMST	39.	8.	145.	18.	52.	.05	125.	.80	.5	85C.	4.40	.10	1.0	30.
31F15	81SAR 163	18	346050	5070000	MU 10	3.00	MSDM	39.	7.	125.	16.	40.	.05	95.	.30	2.0	635.	3.90	.10	1.0	25.
31F15	81SAR 164	18	346500	5068100	MU 10	1.00	GNSS	38.	7.	110.	14.	38.	.05	94.	.90	2.0	590.	4.00	.10	1.0	35.
31F15	81SAR 165	18	347850	5068850	FO 10		MAFR	64.	8.	130.	18.	34.	.05	75.	.05	3.0	68C.	3.90	.10	1.0	30.
31G04	81SAR 86	18	448325	4985050	TU 10		DLMT	103.	18.	156.	12.	52.	.40	38.	.90	5.0	60C.	3.60	.10	8.0	40.
31G05	80SAR 7A	18	428580	5020370	MU 11		GNSS	38.	4.	110.	18.	44.	.05	92.	.30	3.0	900.	3.45	.30	1.0	NA
31G05	81SAR 66	18	444200	5011800	TU 10	3.00	LMST	48.	14.	66.	14.	30.	.05	30.	.60	8.0	88C.	2.00	.10	5.0	10.
31G05	81SAR 115	18	426625	5024850	FO 10		DLMT	48.	9.	118.	24.	67.	.05	114.	.90	2.0	62C.	3.60	.10	4.0	15.
31G05	81SAR 116	18	426610	5026370	CU 10		LMST	29.	4.	32.	2.	14.	.60	40.	.20	2.0	250C.	8.00	.10	4.0	175.
31G05	81SAR 117	18	427700	5027430	TU 10		LMST	40.	11.	64.	15.	37.	.30	28.	.40	5.0	120C.	2.20	.10	4.0	55.
31G05	81SAR 118	18	427750	5027850	TU 10		DLMT	58.	11.	98.	17.	57.	.60	55.	.90	2.0	120C.	4.30	.10	8.0	100.
31G05	81SAR 197	18	439425	5022920	TU 10	.50	LMST	37.	15.	70.	20.	44.	.50	42.	1.80	2.0	93C.	3.00	.40	3.0	35.
31G05	81SAR 198	18	438340	5021020	TU 10		LMST	20.	16.	48.	12.	26.	.70	33.	1.00	3.0	900.	2.00	.40	2.0	15.
31G05	81SAR 225	18	430050	5016375	TU 10	3.00	GNSS	70.	12.	115.	14.	46.	.05	31.	.70	2.0	660.	3.40	.10	6.0	30.
31G05	81SAR 301	18	429420	5020270	TU 10		GNSS	22.	26.	90.	12.	88.	.05	29.	1.20	2.0	85C.	1.90	.10	2.0	30.

STATISTICS FOR FRONTENAC ARCH
TOTAL DATA SET
1497 SAMPLES 14 VARIABLES

VARIABLE NAME	UNITS	NUMBER ANALYZED	MINIMUM	MEDIAN	MAXIMUM	ARITH MEAN	ARITH S.D.	SKEM KRTOSIS	GEOM MEAN	LOGIO MEAN	LOGIO S.D.
CU	PPM	1497	6.	90.	1000.	114.4	94.8	3.12	89.0	1.9494	.3054
PB	PPM	1495	1.	12.	162.	15.2	12.6	4.13	12.3	1.0896	.2713
ZN	PPM	1497	10.	125.	4500.	144.3	152.7	17.53	123.6	2.0921	.2185
CO	PPM	1487	2.	19.	270.	23.9	17.3	4.47	20.4	1.3087	.2327
NI	PPM	1497	8.	46.	950.	54.2	42.7	10.14	47.5	1.6766	.2063
AG	PPM	1497	.05	.05	1.60	.125	.159	3.59	.082	-1.0852	.3427
CR	PPM	1497	4.	57.	850.	63.1	40.0	10.28	57.4	1.7588	.1794
U	PPM	1465	.05	1.70	176.00	2.992	7.759	16.52	1.400	.1460	.5497
MO	PPM	1497	.5	4.0	20.0	4.26	2.39	1.31	3.58	.5533	.2800
MN	PPM	1497	54.	675.	12000.	916.0	977.5	4.93	701.3	2.8459	.2913
FE	PPM	1497	.70	4.20	23.00	4.515	1.953	2.65	4.178	.6210	.1707
CD	PPM	1497	.05	.10	13.00	.276	.570	13.29	.168	-.7745	.3719
AS	PPM	1485	1.	3.	430.	6.6	22.0	11.69	2.9	.4584	.4460
HG	PPB	993	2.	60.	1525.	105.4	118.1	3.39	63.3	1.8016	.4568

PERCENTILES

VARIABLE NAME	1ST	2ND	5TH	10TH	20TH	25TH	30TH	40TH	50TH	60TH	70TH	75TH	80TH	90TH	95TH	98TH	99TH
CU	16.	21.	31.	38.	47.	52.	60.	74.	90.	108.	130.	144.	160.	210.	280.	400.	488.
PB	3.	4.	4.	6.	8.	8.	9.	10.	12.	14.	16.	18.	20.	27.	35.	50.	65.
ZN	35.	40.	54.	70.	88.	95.	100.	115.	125.	135.	148.	156.	169.	210.	283.	380.	490.
CO	6.	8.	10.	11.	14.	14.	15.	17.	19.	22.	26.	28.	31.	40.	52.	72.	85.
NI	15.	18.	24.	28.	33.	36.	38.	42.	46.	52.	58.	62.	68.	85.	100.	130.	165.
AG	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.10	.10	.20	.30	.40	.60	.70
CR	21.	24.	30.	35.	42.	45.	47.	52.	57.	63.	70.	74.	78.	93.	106.	124.	160.
U	.05	.05	.20	.30	.50	.60	.70	1.10	1.70	2.20	2.50	3.40	3.80	5.80	8.40	15.30	22.00
MO	.5	.5	1.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	5.0	6.0	6.0	7.0	8.0	10.0	11.0
MN	140.	180.	270.	345.	435.	480.	520.	600.	675.	750.	850.	925.	1050.	1650.	2500.	4000.	5750.
FE	1.30	1.70	2.10	2.60	3.20	3.40	3.55	3.90	4.20	4.60	5.00	5.20	5.60	6.50	7.80	9.40	10.60
CD	.05	.05	.05	.10	.10	.10	.10	.10	.10	.10	.30	.30	.40	.50	.80	1.00	1.90
AS	1.	1.	1.	1.	1.	1.	1.	2.	3.	3.	4.	5.	6.	10.	19.	46.	76.
HG	5.	10.	10.	15.	25.	30.	35.	45.	60.	90.	120.	140.	165.	250.	335.	435.	520.

MAP	ID	UTM		COORDINATES		SAMP	DEPTH	BDRK	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	TYPE				ZNCN	CARBON	EQUIV	ZCAC03	EQUIV	ZCAC03	ZSAND	ZSILT	ZCLAY
31805	81SAR	61	18	421360	4921675	VU	10	2.00	GNSS	.2	NA	19.9	NA	NA	NA	NA	NA
31805	81SAR	62	18	423450	4924700	VU	10		AMPB	NA	NA	NA	NA	NA	5.4	23.4	71.2
31805	81SAR	67	18	424050	4925400	F	10		GRNT	.1	NA	22.2	NA	NA	NA	NA	NA
31805	81SAR	68	18	422300	4917400	VMP	10	1.50	GRNT	.1	NA	20.6	NA	NA	5.4	44.9	49.7
31805	81SAR	69	18	422900	4916575	VH	10		GRNT	NA	NA	NA	NA	NA	2.0	23.5	74.5
31805	81SAR	70A	18	426340	4926575	F	11		GRNT	.1	NA	26.8	NA	NA	NA	NA	NA
31805	81SAR	70B	18	426340	4926575	V	01		GRNT	.1	NA	31.8	NA	NA	NA	NA	NA
31805	81SAR	70C	18	426340	4926575	V	01		GRNT	.3	NA	NA	NA	NA	NA	NA	NA
31805	81SAR	71	18	428050	4922000	V	10	3.00	GRNT	.2	NA	24.9	NA	NA	.2	42.1	57.7
31805	81SAR	72	18	428000	4918000	F	10	2.00	GRNT	.2	NA	.8	NA	NA	91.3	6.7	2.0
31805	81SAR	73	18	424280	4917600	VU	10		GRNT	.1	NA	26.7	NA	NA	NA	NA	NA
31812	81SAR	88	18	438700	4935650	VU	10		QRTZ	.1	NA	10.8	NA	NA	.1	41.7	58.3
31812	81SAR	89	18	438720	4936650	TU	112		SDST	.1	NA	34.9	NA	NA	NA	NA	NA
31812	81SAR	89A	18	438720	4936650	TU	011		SDST	.1	NA	30.8	NA	NA	NA	NA	NA
31812	81SAR	90	18	438100	4936000	VU	10		SDST	.2	NA	18.7	NA	NA	NA	NA	NA
31812	81SAR	91	18	441250	4937075	TU	10		SDST	.2	NA	39.2	NA	NA	NA	NA	NA
31812	81SAR	92	18	429750	4928500	VU	10		QRTZ	.2	NA	.4	NA	NA	9.0	29.0	62.0
31812	81SAR	93	18	430800	4935050	TU	10		SDST	.1	NA	34.0	NA	NA	NA	NA	NA
31812	81SAR	94	18	433400	4939780	VU	10		DLMT	.3	NA	1.7	NA	NA	NA	NA	NA
31812	81SAR	95	18	431950	4941850	TU	10		DLMT	.1	NA	32.8	NA	NA	NA	NA	NA
31812	81SAR	96	18	428130	4933720	VU	10	1.50	SDST	.2	NA	.9	NA	NA	2.6	15.5	81.9
31812	81SAR	97	18	422540	4933800	VU	10		GRNT	.1	NA	14.6	NA	NA	9.2	23.9	66.9
31C05	80AR	166	18	296801	4927763	FN	10		LMST	2.3	NA	46.3	.1	38.8	95.7	2.6	1.7
31C05	80AR	167	18	291214	4929594	TN	10	1.75	MRBL	.1	NA	9.8	.0	5.3	69.9	26.6	3.5
31C05	80AR	172	18	277926	4929155	TU	10	1.00	LMST	.1	NA	33.3	.0	71.8	82.4	14.6	3.0
31C05	80AR	173	18	274524	4925233	F	10		LMST	1.8	NA	22.8	.1	16.8	84.6	11.5	4.0
31C05	80AR	174	18	279223	4925789	F	10	6.00	LMST	.5	NA	16.8	.1	6.6	96.4	2.5	1.1
31C05	80AR	175	18	277117	4928001	FN	10		MVCC	.2	NA	20.3	.1	12.5	76.6	20.3	3.1
31C05	80AR	176	18	275738	4927258	FU	10		MVCC	.1	NA	29.0	.0	74.1	74.1	22.8	3.2
31C05	80AR	177	18	274516	4925349	TN	11		LMST	.1	NA	39.8	.0	36.1	55.6	35.6	8.9
31C05	80AR	177A	18	274516	4925349	A	012		LMST	.1	NA	1.3	.0	.1	98.1	.9	1.0
31C05	80AR	178	18	273532	4925236	F	111		LMST	1.1	NA	20.3	.1	12.5	92.0	6.2	1.8
31C05	80AR	179	18	269357	4925113	TN	10	3.00	LMST	.0	NA	21.0	.0	11.9	56.8	33.2	9.9
31C05	80AR	180	18	268577	4927651	FU	10		LMST	1.0	NA	6.3	.1	4.3	60.4	26.9	12.8
31C05	80AR	181	18	269810	4928571	FU	10	3.00	LMST	.9	NA	23.2	.1	10.5	83.5	12.9	3.6
31C05	80AR	512	18	294585	4929982	TU	00	2.00	GRNT	.3	NA	2.1	.0	.4	63.3	28.2	8.4
31C05	80AR	512A	18	294585	4929982	TU	00		GRNT	.1	NA	20.5	.0	15.3	53.9	30.1	14.1
31C05	80AR	512B	18	294585	4929982	TU	10		GRNT	.1	NA	8.3	.0	4.3	65.0	31.0	4.0
31C05	80AR	806	18	289475	4930563	TN	10		LMST	.1	NA	28.1	.1	11.1	NA	NA	NA
31C05	81KAR	143	18	268420	4928330	TN	10		LMST	.3	NA	41.5	NA	NA	NA	NA	NA
31C06	80AR	112	18	314706	4919956	FU	112	3.50	LMST	.1	NA	28.8	.0	10.3	82.7	14.1	3.2
31C06	80AR	112A	18	314706	4919956	FU	011	3.30	LMST	.1	NA	23.4	.0	9.2	41.8	56.0	2.2
31C06	80AR	113	18	310168	4916926	TN	10	2.75	LMST	.1	NA	16.2	.0	7.3	60.9	30.7	8.5
31C06	80AR	114	18	308832	4912417	TU	10	1.50	LMST	.1	NA	17.8	.0	11.4	47.6	40.8	11.6
31C06	80AR	115	18	311431	4910976	F	10	1.25	LMST	.1	NA	34.4	.0	11.9	98.5	.8	.7
31C06	80AR	141	18	311220	4928394	TN	10		LMST	.1	NA	34.5	.0	4.2	69.9	23.4	6.7
31C06	80AR	142	18	312103	4927151	TN	10		GRNT	.1	NA	20.3	.0	4.8	76.7	19.5	3.9
31C06	80AR	143	18	311716	4926241	TN	10		LMST	.1	NA	14.2	.0	7.0	89.9	7.4	2.8
31C06	80AR	144	18	314364	4924836	TU	10		GRNT	.1	NA	24.7	.0	27.6	79.1	16.5	4.4
31C06	80AR	145	18	319255	4924426	TU	10		GRNT	2.2	NA	.3	.0	.2	67.2	24.3	8.6

MAP	ID	UTM COORDINATES			SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH			ZNON-CARBONATE	ZCAC03	EQUIV	ZNON-CARBONATE	ZCAC03	EQUIV	ZSAND	ZSILT	ZCLAY
31C06	80AR	146	18	319082	4925817	TN 10									
31C06	80AR	147	18	320589	4925381	TO 10									
31C06	80AR	148	18	323758	4926696	F 012									
31C06	80AR	148A	18	323758	4926696	F 111									
31C06	80AR	149	18	321467	4929459	CO 10									
31C06	80AR	165	18	301325	4929251	FO 015									
31C06	80AR	165A	18	301325	4929251	FO 014									
31C06	80AR	165B	18	301325	4929251	FO 013									
31C06	80AR	165C	18	301325	4929251	CO 012									
31C06	80AR	165D	18	301325	4929251	TO 111									
31C06	80AR	165E	18	301325	4929251	R 00									
31C06	80AR	165F	18	301325	4929251	C 00									
31C06	80AR	165G	18	301325	4929251	TO 00									
31C06	80AR	184	18	315535	4929028	TN 10									
31C06	80AR	812	18	319870	4926714	TN 10									
31C07	80AR	80	18	369845	4911198	TO 114									
31C07	80AR	80A	18	369845	4911198	TO 013									
31C07	80AR	80B	18	369845	4911198	TO 012									
31C07	80AR	80C	18	369845	4911198	TO 011									
31C07	80AR	81	18	373620	4919612	CMPI 0									
31C07	80AR	82	18	374336	4922427	CO 10									
31C07	80AR	83	18	374362	4928183	TO 112									
31C07	80AR	83A	18	374362	4928183	TO 011									
31C07	80AR	792	18	351133	4926746	TO 10									
31C07	80AR	793	18	348759	4923705	TO 10									
31C07	80AR	794	18	346764	4923100	TN 10									
31C07	80AR	795	18	346024	4922535	TO 10									
31C07	80AR	796	18	341754	4927178	F 10									
31C07	80AR	797	18	343217	4928787	TN 10									
31C07	81SAR	195	18	347450	5018880	TO 10									
31C07	81SAR	216	18	366780	4926350	TO 10									
31C07	81SAR	217	18	370125	4925125	TO 10									
31C07	81SAR	219	18	371050	4919890	TO 10									
31C07	81SAR	220	18	379880	4922860	TO 10									
31C07	81SAR	221	18	378710	4921550	TO 10									
31C08	81SAR	45	18	399180	4924150	TOPI 0									
31C08	81SAR	46	18	397780	4923830	FO 10									
31C08	81SAR	48	18	394920	4927920	CO 10									
31C08	81SAR	49	18	395800	4934750	TO 10									
31C08	81SAR	53	18	409400	4910560	VO 10									
31C08	81SAR	54	18	409480	4910550	VO 10									
31C08	81SAR	55	18	408550	4915750	TO 10									
31C08	81SAR	56	18	408250	4918730	TO 11									
31C08	81SAR	56A	18	408250	4918730	TO 01									
31C08	81SAR	56B	18	408250	4918730	TO 01									
31C08	81SAR	56C	18	408250	4918730	TO 01									
31C08	81SAR	56D	18	408250	4918730	TO 01									
31C08	81SAR	57	18	408450	4916340	VO 10									
31C08	81SAR	58	18	414075	4916800	VU 10									
31C08	81SAR	59	18	414180	4920340	VO 10									

MAP	ID	UTM		COORDINATES		SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	SAMP TYPE			ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZSAND	ZSILT	ZCLAY		
31C08	81SAR	60	18 414750	4922100	F 10		GRNT	.1	33.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	63	18 418625	4923850	VR 10		GRNT	.2		NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	64	18 413880	4924175	R 10		GNSS	.7	1.9	NA	NA	74.2	15.9	10.0		
31C08	81SAR	65	18 410550	4932220	VU 10		GRNT	.1	11.7	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	74A	18 406125	4911470	FO 11		GNSS	.1	17.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	74B	18 406125	4911470	F 01		GNSS	.0	19.2	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	74C	18 406125	4911470	FO 01		GNSS	.1	21.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	75A	18 405800	4913825	F 11		GRNT	.2	33.8	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	75B	18 405800	4913825	F 01		GRNT	.1	15.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	75C	18 405800	4913825	V 01		GRNT	.1	.2	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	75D	18 405800	4913825	M 01		GRNT	.2	.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	76A	18 395075	4914650	F 012		GRNT	.1	15.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	76B	18 395075	4914650	TO 111		GRNT	.1	12.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	77	18 392550	4914880	VM 10		GRNT	.2	.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	78	18 387400	4918950	TO 10	2.50	LMST	.2	.2	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	79	18 390825	4918700	VO 10	1.50	SDST	.2	.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	80	18 382700	4917850	TOP10		LPST	.3	24.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	81	18 388900	4924500	TOP10		GNSS	.2	1.0	NA	NA	62.9	30.8	6.3		
31C08	81SAR	82A	18 382050	4926050	TO 01		MRBL	.1	25.5	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	82B	18 382050	4926050	FO 11		MRBL	.2	30.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	83	18 385800	4927300	F 10		GNSS	.3	24.8	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	84A	18 387880	4928150	FU 102		GNSS	.1	19.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	84B	18 387880	4928150	A 101		GNSS	.1	.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	99	18 403075	4919000	FO 01		GRNT	.1	4.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	99A	18 403075	4919000	TO 11		GRNT	.1	17.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	100	18 396200	4917475	V 011		GNSS	.1	21.5	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	100A	18 396200	4917475	TO 113		GNSS	.1	.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	100B	18 396200	4917475	TG 012		GNSS	.1	.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	101	18 401800	4919175	TO 10		GRNT	.1	18.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	101A	18 401800	4919175	VO 00		GRNT	.2	18.8	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	102	18 401425	4919000	VO 012		GRNT	.1	.1	NA	NA	28.8	45.1	26.2		
31C08	81SAR	102A	18 401425	4919000	VO 111		GRNT	.1	.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	103	18 405780	4927250	TO 11		MRBL	.1	11.4	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	103A	18 405780	4927250	FO 01		MRBL	.2	42.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	104	18 405800	4927900	TO 10		MRBL	.1	11.8	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	105	18 400460	4924380	VOPI0		MRBL	.2	.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	106	18 401550	4924660	FO 10		MRBL	.1	.2	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	107	18 402075	4924575	F 10		MRBL	.1	25.5	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	108	18 402725	4926400	MO 10		MRBL	.2	.2	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	199	18 397550	4911100	MM 10		GNSS	.2	13.5	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	200	18 391400	4909950	FO 10		LMST	.1	.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	201	18 398325	4916900	TO 112		GRNT	.2	33.3	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	201A	18 398325	4916900	FO 011		GRNT	.1	24.6	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	202	18 398400	4910350	MO 10		GRNT	.1	11.5	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	203	18 399310	4910975	SM 10		GRNT	.1	.1	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	204	18 403890	4905530	MO 10		SDST	.2	21.3	NA	NA	.2	20.4	79.4		
31C08	81SAR	205	18 403050	4905280	FO 10		LMST	.1	.7	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	206	18 398225	4901800	VO 10	2.00	LMST	.3	15.9	NA	NA	NA	NA	NA	NA	NA
31C08	81SAR	207	18 397150	4905000	VO 10		LMST	NA	NA	NA	NA	.6	26.2	73.3		
31C08	81SAR	208	18 394550	4902000	VO 10	1.00	LMST	.3	1.2	NA	NA	1.9	22.8	75.3		

MAP ID UTM COORDINATES SAMP SAMP DEPTH SAMP BORK TYPE SILT PLUS CLAY-SIZED FRACT ZNCGN-CARBONATE XCAC03 EQUIV FINE SAND-SIZED FRACT ZNCGN-CARBONATE XCAC03 EQUIV L.T. 2HP FRACTION ZSAND XSILT ZCLAY

31C08 81SAR 209	18	393950	4904100	VO 10	2.00	LMST	.2	8.6	NA	NA	NA	1.0	24.3	74.7
31C08 81SAR 210	18	396150	4909050	VO 10		GNSS	.1	19.3	NA	NA	NA	NA	NA	NA
31C08 81SAR 211	18	395480	4906225	VO 10		GNSS	.1	14.3	NA	NA	NA	NA	NA	NA
31C08 81SAR 212	18	383230	4904710	VO 10		LMST	.2	4.5	NA	NA	NA	3.7	28.1	60.2
31C08 81SAR 213	18	382580	4908670	TO 11		LMST	.2	7.3	NA	NA	NA	NA	NA	NA
31C08 81SAR 213A	18	382580	4908670	VO 01		LMST	.1	17.8	NA	NA	NA	NA	NA	NA
31C08 81SAR 213B	18	382580	4908670	VN 01	1.00	LMST	.3	7.0	NA	NA	NA	NA	NA	NA
31C08 81SAR 214	18	384900	4912300	TO 11		LMST	.1	28.8	NA	NA	NA	NA	NA	NA
31C08 81SAR 214A	18	384900	4912300	TO 01		LMST	.1	16.7	NA	NA	NA	NA	NA	NA
31C08 81SAR 214B	18	384900	4912300	VO 01		LMST	.2	.3	NA	NA	NA	3.7	23.1	73.2
31C08 81SAR 215	18	381500	4920100	VO 10		GRNT	.2	17.8	NA	NA	NA	NA	NA	NA
31C09 80AR 16	18	397411	4950866	FO 11		MNZN	.1	.3	.0	1.3	95.2	3.7	1.1	1.1
31C09 80AR 17	18	388325	4948780	FO 012		LMST	.1	20.7	.0	6.1	89.7	8.3	2.0	2.0
31C09 80AR 17A	18	388325	4948780	CO 111	1.50	LMST	.2	6.7	.3	.0	89.9	6.6	3.4	3.4
31C09 80AR 18	18	381441	4954539	FN 10		MRBL	.0	16.1	.0	8.6	95.1	4.0	1.0	1.0
31C09 80AR 23	18	400887	4942196	TO 11	3.75	GNSS	.1	31.9	.0	12.6	62.7	25.8	11.5	11.5
31C09 80AR 23A	18	400887	4942196	TO 01		GNSS	NA	NA	NA	NA	68.0	23.8	8.2	8.2
31C09 80AR 23B	18	400887	4942196	TO 01	.50	GNSS	.1	25.6	.0	10.2	75.1	18.6	6.4	6.4
31C09 80AR 24	18	402771	4939701	R 00		CGLM	.1	.3	.0	NA	82.8	12.5	4.7	4.7
31C09 80AR 25	18	405257	4929726	TO 111		GRNT	.2	23.5	.1	14.9	82.8	8.6	8.6	8.6
31C09 80AR 25A	18	405257	4929726	FN 112	2.00	GRNT	.2	37.1	.1	18.1	95.5	3.2	1.3	1.3
31C09 80AR 26	18	408731	4930600	TN 01		GRNT	.1	19.8	.0	12.3	34.0	37.4	28.6	28.6
31C09 80AR 26A	18	408731	4930600	FN 01		GRNT	.1	32.3	.1	18.6	91.5	6.3	2.3	2.3
31C09 80AR 26B	18	408731	4930600	TN 01		GRNT	.1	34.0	.0	14.1	73.7	16.7	9.6	9.6
31C09 80AR 26C	18	408731	4930600	TN 11		GRNT	.1	22.3	.0	15.0	41.0	38.2	20.8	20.8
31C09 80AR 27	18	418826	4929571	TU 10	1.50	MRBL	.1	29.8	.0	10.2	65.7	25.0	9.4	9.4
31C09 80AR 28	18	409525	4932582	FO 10	2.00	DURT	.1	15.3	.0	6.6	36.7	44.8	18.6	18.6
31C09 80AR 29	18	406967	4932721	FO 111	1.50	GRNT	.2	.0	.1	.5	36.4	24.4	39.2	39.2
31C09 80AR 29A	18	406967	4932721	FO 012	2.00	GRNT	.0	18.4	.1	4.8	53.9	43.6	2.4	2.4
31C09 81SAR 50	18	396700	4933850	F 10		GNSS	.1	20.8	NA	NA	NA	NA	NA	NA
31C09 81SAR 51	18	403100	4933250	TO 10		MRBL	.1	6.7	NA	NA	NA	NA	NA	NA
31C09 81SAR 52	18	403100	4933250	TO 10		MRBL	.1	10.0	NA	NA	NA	NA	NA	NA
31C09 81SAR 85	18	389100	4929550	F 10		MRBL	.1	29.8	NA	NA	NA	NA	NA	NA
31C09 81SAR 98	18	412800	4935850	TO 01		NESS	.1	45.7	NA	NA	60.5	27.2	12.4	12.4
31C09 81SAR 98A	18	412800	4935850	FO 11		NESS	.0	19.8	NA	NA	NA	NA	NA	NA
31C09 81SAR 109	18	402375	4930300	FO 11		MRBL	.6	1.2	NA	NA	NA	NA	NA	NA
31C09 81SAR 109A	18	402375	4930300	FO 01		MRBL	.3	.7	NA	NA	NA	NA	NA	NA
31C09 81SAR 110	18	399050	4942360	TO 10		NESS	.2	23.3	NA	NA	NA	NA	NA	NA
31C09 81SAR 111	18	399390	4943920	TO 10		GRNT	.2	44.4	NA	NA	NA	NA	NA	NA
31C09 81SAR 222	18	384100	4930520	TN 10		GNSS	.1	25.1	NA	NA	80.8	16.6	2.7	2.7
31C09 81SAR 223	18	385550	4934440	F 10		GNSS	.2	12.8	NA	NA	NA	NA	NA	NA
31C09 81SAR 224	18	394125	4944300	TO 10		GNSS	.2	29.8	NA	NA	NA	NA	NA	NA
31C09 81SAR 245	18	400025	4954850	TO 10		MRBL	.1	22.9	NA	NA	54.4	32.5	13.1	13.1
31C09 81SAR 246	18	400380	4953170	F0P10		GRNT	1.0	2.3	NA	NA	NA	NA	NA	NA
31C09 81SAR 247	18	397950	4951225	F 10		GRNT	1.2	5.4	NA	NA	NA	NA	NA	NA
31C09 81SAR 248	18	392375	4952475	TN 10		GRNT	.1	10.5	NA	NA	NA	NA	NA	NA
31C09 81SAR 249	18	395630	4953150	TO 10		MRBL	.3	1.0	NA	NA	66.1	24.0	10.0	10.0
31C09 81SAR 250	18	408150	4935370	TN 11		MRBL	.1	28.5	NA	NA	NA	NA	NA	NA
31C09 81SAR 250A	18	408150	4935370	F 01		MRBL	.1	19.9	NA	NA	NA	NA	NA	NA
31C09 81SAR 250B	18	408150	4935370	VO 01		MRBL	.1	25.8	NA	NA	NA	NA	NA	NA

SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT

L.T. 2MM FRACTION
XSAND XSILT XCLAY

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MAP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	XCAC03 EQUIV	XNON-CARBONATE CARBON	XCAC03 EQUIV	XNON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	XCLAY
31C09	81SAR 251	18	406025	4937325	T0 10		MRBL	.3	.8	NA	NA	NA	NA	NA	NA
31C09	81SAR 252	18	408650	4942360	VU 10		MRBL	.1	34.6	NA	NA	NA	NA	NA	NA
31C09	81SAR 253	18	409450	4943350	TU 10		NESS	.2	22.4	NA	NA	NA	62.7	27.0	10.3
31C09	81SAR 254	18	402900	4945380	T0 10		NESS	.1	35.3	NA	NA	NA	NA	NA	NA
31C09	81SAR 255	18	397025	4945680	T0 10		NESS	.1	32.1	NA	NA	NA	52.2	38.7	9.1
31C09	81SAR 256	18	389100	4942475	T0 10		GNSS	.1	19.3	NA	NA	NA	57.3	20.3	22.4
31C09	81SAR 257	18	384550	4938170	T0 10		MRBL	.2	1.1	NA	NA	NA	80.1	13.1	6.8
31C09	81SAR 258	18	389180	4948960	T0 10		GRNT	.3	1.2	NA	NA	NA	NA	NA	NA
31C09	81SAR 259	18	388950	4949860	T0 10		GRNT	.1	.5	NA	NA	NA	NA	NA	NA
31C09	81SAR 260	18	389950	4955500	T0 10		MAFR	.2	.8	NA	NA	NA	NA	NA	NA
31C10	80AR 63	18	355703	4953744	T0 10		DORT	.1	18.5	.1	15.4	74.3	23.2	2.5	
31C10	80AR 64	18	348225	4952111	T0 10		MRBL	.2	6.9	.0	13.6	78.1	15.4	6.5	
31C10	80AR 65	18	341775	4948916	TN 10		MRBL	.3	53.7	.1	54.2	87.0	10.2	2.9	
31C10	80AR 66	18	349497	4955738	T0 10		MRBL	.1	.8	NA	NA	89.9	7.5	2.6	
31C10	80AR 67	18	353814	4956063	F 10	2.50	GRNT	.1	15.9	.1	13.5	77.8	20.4	1.8	
31C10	80AR 68	18	357421	4953309	F 10	3.00	DORT	.1	15.3	.1	14.1	83.8	14.7	1.5	
31C10	80AR 75	18	380515	4955490	TOP10		GRNT	.1	8.8	.0	6.1	63.1	28.6	8.4	
31C10	80AR 76	18	380096	4953705	TN 112	3.50	MAFR	.1	28.8	NA	NA	7.7	53.3	39.0	
31C10	80AR 76A	18	380096	4953705	FN 011	1.50	MAFR	.1	27.9	NA	NA	NA	NA	NA	
31C10	80AR 84	18	374350	4929359	TN 10		GRNT	.1	21.3	.0	13.3	71.4	20.8	7.8	
31C10	80AR 85	18	376286	4936049	FOP10		GRNT	.8	1.5	.1	.1	84.5	10.9	4.6	
31C10	80AR 86	18	376798	4935982	F0 10		MRBL	.1	33.4	.0	8.5	98.1	1.1	.8	
31C10	80AR 87	18	378851	4941647	F0 01		GRNT	.3	27.4	.0	4.7	NA	NA	NA	
31C10	80AR 87A	18	378851	4941647	F0 11		GRNT	.3	1.9	.0	.0	97.3	2.1	.7	
31C10	80AR 88	18	378851	4941647	F0 01		GRNT	.3	1.4	.0	.3	98.0	1.2	.8	
31C10	80AR 89	18	372478	4938599	F0 10		GRNT	.2	32.3	.0	15.2	99.1	.5	.4	
31C10	80AR 90	18	367771	4937814	T0 11		GRNT	.1	.6	.0	.2	91.9	7.3	.9	
31C10	80AR 91	18	372414	4942560	F 11		GRNT	.1	.1	.0	.2	77.2	18.7	4.2	
31C10	80AR 91A	18	372414	4942560	F 01		GRNT	NA	NA	.0	23.4	99.4	.3	.3	
31C10	80AR 92	18	368315	4944175	F 01		GRNT	.1	16.8	.1	23.8	98.7	.9	.4	
31C10	80AR 92A	18	368315	4944175	F 10		GRNT	.2	.7	.0	11.8	98.8	.8	.4	
31C10	80AR 93	18	367417	4949371	F 10		GRNT	.2	22.7	.1	.4	94.3	4.9	.8	
31C10	80AR 94	18	366983	4951683	FOP10		GRNT	.4	1.6	.1	17.3	91.8	7.2	1.1	
31C10	80AR 95	18	361236	4949712	F 10		DORT	.2	26.8	.0	.1	93.6	5.1	1.3	
31C10	80AR 96	18	363287	4946123	F 01		MSDM	.2	36.6	.1	11.6	94.1	4.7	1.2	
31C10	80AR 96A	18	363287	4946123	F 11		MSDM	.1	17.1	.0	18.7	99.3	.7	.0	
31C10	80AR 97	18	360320	4952130	CM 01		GRNT	.2	22.8	NA	15.4	93.2	6.0	.8	
31C10	80AR 98	18	361564	4929141	F0 10		GRNT	.2	.7	NA	NA	80.4	16.1	3.6	
31C10	80AR 99	18	361421	4935719	F 10		GRNT	.4	33.1	.0	13.2	98.9	.5	.7	
31C10	80AR 100	18	357121	4940132	F 10	1.25	GRNT	.3	.5	.1	.1	57.3	25.4	17.4	
31C10	80AR 101	18	356996	4942214	F 113		GRNT	.2	6.3	.0	4.7	54.3	31.9	13.8	
31C10	80AR 101A	18	356996	4942214	F 012		GRNT	.5	.1	.0	.1	61.8	24.0	14.2	
31C10	80AR 101B	18	356996	4942214	F 011		GRNT	1.1	2.7	.2	.7	88.1	9.2	2.7	
31C10	80AR 102	18	358439	4944512	F 10		GRNT	.1	15.5	.0	15.9	97.7	1.4	.9	
31C10	80AR 103	18	361182	4946000	TOP10		GRNT	.1	6.3	.0	5.3	73.7	20.7	5.6	
31C10	80AR 104	18	356884	4944677	F 10		GRNT	.3	2.0	NA	NA	94.8	3.3	2.0	
31C10	80AR 105	18	353774	4948681	F P10		GRNT	.7	1.2	.0	.4	90.3	7.7	2.0	
31C10	80AR 106	18	355482	4950817	T0 10	1.30	GRNT	.7	.8	.1	.1	81.6	16.9	1.5	
31C10	80AR 107	18	355656	4951220	F 10		MRBL	1.1	19.1	.4	17.8	NA	NA	NA	

MAP	ID	UTM		COORDINATES		SAMP	DEPTH	BORK	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.Y. 2MM FRACTION		
		ZN	EAST	NORTH	TYPE	TYPE		TYPE	XNON-CARBON	CARBON	EQUIV	XNON-CARBON	CARBON	EQUIV	XSAND	XSILT	XSCLAY
31C10	80AR	108	18 351112	4952565	F	11		GRNT	.5			27.8					
31C10	80AR	108A	18 351112	4952565	F	01		GRNT	.4			18.6			97.1	2.1	.8
31C10	80AR	109A	18 347360	4950330	T	10		MVCC	1.0			6.1			97.3	2.2	.6
31C10	80AR	788	18 356153	4942266	F	10		GNSS	1.1			20.3			NA	NA	NA
31C10	80AR	789	18 352909	4941214	F	10		GRNT	.1			.9			96.8	3.1	.1
31C10	80AR	790	18 349208	4938510	F	10		MRBL	.3			18.4			76.2	22.9	.9
31C10	80AR	791	18 349340	4937337	F	10		GRNT	.4			2.9			98.7	.9	.4
31C10	80AR	800	18 342000	4939527	F	10		GRNT	1.8			3.0			96.3	2.6	1.1
31C10	80AR	801	18 344805	4947761	T	10		MRBL	.2			25.8			94.5	4.3	1.2
31C10	80AR	801	18 344805	4947761	T	10		MRBL	.2			25.8			89.1	9.9	.9
31C10	81AR	94	18 365290	4954670	T	10		GRNT	.3			1.3			NA	NA	NA
31C10	81AR	95	18 363950	4954300	T	10		GRNT	.2			18.3			NA	NA	NA
31C10	81AR	96	18 362850	4954750	T	10		GRNT	.6			3.6			NA	NA	NA
31C10	81AR	97	18 360300	4952130	T	10		GRNT	.9			5.2			NA	NA	NA
31C10	81AR	98	18 368900	4956950	T	10		GNSS	1.0			23.3			75.4	19.3	5.3
31C10	81AR	99	18 368900	4956100	T	10		GNSS	.1			31.6			75.0	18.1	6.9
31C10	81AR	100	18 367850	4954000	T	10		GNSS	.2			28.8			NA	NA	NA
31C10	81AR	101	18 370750	4954450	T	10		GNSS	.8			8.6			NA	NA	NA
31C10	81AR	102	18 369800	4950800	T	10		GRAN	.3			.8			71.2	22.8	6.0
31C10	81AR	103	18 371680	4947820	T	10		GNSS	.4			1.6			77.1	16.4	6.5
31C10	81AR	104	18 371350	4948130	T	10		GNSS	.3			21.7			NA	NA	NA
31C10	81AR	105	18 368830	4944880	T	10		GNSS	.2			20.6			59.6	30.3	10.2
31C10	81AR	113	18 372470	4952900	V	10		MRBL	1.0			1.8			NA	NA	NA
31C10	81AR	114	18 377500	4953750	V	10		GNSS	.4			.5			NA	NA	NA
31C10	81AR	115	18 375730	4952760	T	112		GNSS	.1			27.8			NA	NA	NA
31C10	81AR	115A	18 375730	4952760	T	011		GNSS	.1			25.8			61.2	31.1	7.7
31C10	81AR	118	18 380590	4953890	F	10		MRBL	.4			2.0			NA	NA	NA
31C10	81AR	119	18 377930	4951420	T	10		GRAN	.2			16.2			84.9	9.7	5.4
31C10	81AR	120	18 378310	4948430	T	10		GNSS	.2			.7			67.3	25.1	7.6
31C10	81AR	121	18 378620	4947600	T	10		MRBL	.2			30.3			NA	NA	NA
31C10	81AR	122	18 374580	4947900	T	10		MRBL	.1			20.8			72.5	19.1	8.3
31C10	81AR	217	18 343520	4956250	F	10		GRNT	.9			4.5			81.1	15.2	3.7
31C11	80AR	109	18 316564	4937229	T	10		MVCC	.1			.5			NA	NA	NA
31C11	80AR	110	18 318673	4940757	F	10		GRNT	.1			1.0			79.0	17.7	3.3
31C11	80AR	111	18 315707	4930292	F	10		LMST	.3			.8			77.3	22.7	.0
31C11	80AR	123	18 311576	4942897	F	012		GRNT	2.2			3.3			79.2	14.7	6.1
31C11	80AR	123A	18 311576	4942897	F	0111		GRNT	.2			1.8			94.0	4.6	1.4
31C11	80AR	124	18 308315	4940638	T	10		MVCC	.1			.5			97.4	1.7	.9
31C11	80AR	125	18 306812	4942066	C	010		MVCC	.2			.0			NA	NA	NA
31C11	80AR	126	18 306183	4942493	F	10		MVCC	.5			27.0			4.9	62.2	32.8
31C11	80AR	127	18 305659	4943360	F	10		MVCC	.2			18.3			96.0	2.7	1.3
31C11	80AR	128	18 305317	4943715	F	113		MVCC	.0			26.0			77.4	16.9	5.8
31C11	80AR	128A	18 305317	4943715	F	012		MVCC	.1			28.2			96.7	2.3	1.0
31C11	80AR	128B	18 305317	4943715	F	011		MVCC	.3			17.5			40.1	50.1	9.8
31C11	80AR	129	18 304438	4944206	F	10		MVCC	.2			26.3			81.7	15.1	3.2
31C11	80AR	130	18 304696	4946733	T	014		LMST	.1			41.8			65.2	29.1	5.7
31C11	80AR	130A	18 304696	4946733	T	013		LMST	.1			48.4			69.9	24.9	5.2
31C11	80AR	130B	18 304696	4946733	T	012		LMST	.1			43.7			66.5	26.3	7.3
31C11	80AR	130C	18 304696	4946733	T	011		LMST	.2			61.3			51.0	36.1	12.9
31C11	80AR	131	18 308134	4950064	F	112		MVCC	1.7			16.1			97.3	1.6	1.0

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MAP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILTY PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
								%NON-CARBONATE	%CARBON	EQUIV	%NON-CARBONATE	%CARBON	EQUIV	%SAND	%SILT	%CLAY
31C11	80AR	131A	18	308134	4950064	F 011	MVCC	.4		2.7	.1		.9	89.2	9.1	1.7
31C11	80AR	132	18	301806	4934546	F 11	MVCC	.4		29.0	.0		9.6	96.0	2.6	1.4
31C11	80AR	133	18	302182	4936875	F 11	MRBL	4.7		25.3	.1		10.3	95.1	3.5	1.4
31C11	80AR	134	18	304164	4940725	F 11	MRBL	.1		.0	.0		.1	43.9	50.3	5.9
31C11	80AR	135	18	305813	4939286	T 011	MRBL	.1		19.3	.0		10.1	64.8	27.7	7.5
31C11	80AR	136	18	308112	4937747	F 11	MVCC	.2		2.2	.1		.2	90.6	7.5	1.9
31C11	80AR	137	18	308037	4937355	F 112	MVCC	.1		19.9	.1		6.3	88.7	8.1	3.2
31C11	80AR	137A	18	308037	4937355	F 011	MVCC	.1		12.7	.0		6.5	96.8	2.1	1.1
31C11	80AR	138	18	307522	4934420	F 10	MVCC	.2		1.7	.0		.4	94.1	3.3	2.6
31C11	80AR	139	18	307848	4932749	F 10	MSDM	.0		7.9	.0		4.3	98.1	1.1	.8
31C11	80AR	140	18	312469	4930234	T 010	.75 GRNT	.3		12.3	.0		3.0	NA	NA	NA
31C11	80AR	150	18	319166	4932600	F 11	GRNT	.2		.8	NA		NA	72.6	16.6	10.8
31C11	80AR	783	18	331523	4956315	F 10	GRNT	.3		3.3	.1		.8	88.2	11.0	.9
31C11	80AR	784	18	322969	4951271	F 010	GRNT	.3		2.6	.1		.7	94.4	4.2	1.4
31C11	80AR	785	18	320407	4948544	A 10	GRNT	.1		.5	.0		.2	79.5	19.5	1.0
31C11	80AR	786	18	320378	4938097	F 10	GRNT	.2		2.4	.0		.6	92.1	5.6	2.3
31C11	80AR	787	18	322811	4941455	F 012	GRNT	.5		12.9	.1		3.8	89.5	9.7	.8
31C11	80AR	787A	18	322811	4941455	F 111	GRNT	.1		1.2	.0		.2	97.3	2.1	.7
31C11	80AR	799	18	340240	4933825	F 010	GNSS	.5		4.1	.1		1.3	97.1	2.1	.8
31C11	80AR	802	18	306687	4932464	TN 10	MRBL	.8		34.5	.0		20.4	NA	NA	NA
31C11	80AR	813	18	326572	4935046	F 010	MRBL	.4		.9	.1		.3	NA	NA	NA
31C11	80AR	814	18	331324	4931221	COP 10	LMST	.8		22.2	.3		10.0	NA	NA	NA
31C11	80AR	815	18	331608	4931511	TN 10	LMST	.1		49.3	.1		45.5	NA	NA	NA
31C11	80AR	816	18	332419	4931030	F 10	GRNT	.3		10.8	.1		7.4	NA	NA	NA
31C11	81KAR	195	18	318350	4940190	F 10	GRNT	.4		4.5	NA		NA	NA	NA	NA
31C11	81KAR	196	18	319570	4942260	F 10	GRNT	.4		3.3	NA		NA	NA	NA	NA
31C11	81KAR	197	18	321430	4945380	F 10	MAFR	.4		4.9	NA		NA	NA	NA	NA
31C11	81KAR	198	18	323940	4955260	F 10	GRNT	.5		4.3	NA		NA	NA	NA	NA
31C11	81KAR	199	18	323820	4953290	T 010	GRNT	.1		1.6	NA		NA	76.9	21.0	2.1
31C11	81KAR	204	18	315450	4955920	T 010	GRNT	.4		2.9	NA		NA	63.2	34.0	2.8
31C11	81KAR	205	18	313810	4954720	T 010	GRNT	.3		1.1	NA		NA	NA	NA	NA
31C11	81KAR	206	18	312470	4953850	T 010	GRNT	.2		2.8	NA		NA	73.4	25.5	1.1
31C11	81KAR	207	18	305600	4947090	TN 10	LMST	.5		17.0	NA		NA	NA	NA	NA
31C11	81KAR	208	18	325790	4939200	T 010	MRBL	.7		1.3	NA		NA	46.9	38.8	14.2
31C11	81KAR	209	18	329810	4950000	F 10	GRNT	2.0		5.7	NA		NA	NA	NA	NA
31C11	81KAR	210	18	330770	4950380	F 012	GRNT	.2		.8	NA		NA	93.3	4.7	2.1
31C11	81KAR	210A	18	330770	4950380	T 011	GRNT	.4		2.7	NA		NA	NA	NA	NA
31C11	81KAR	215	18	338280	4953700	F 10	GRNT	1.7		5.1	NA		NA	NA	NA	NA
31C11	81KAR	216	18	339200	4956090	F 10	GRNT	1.5		2.0	NA		NA	89.3	8.5	2.2
31C12	80AR	151	18	300869	4933165	T 010	LMST	.1		.0	NA		NA	60.3	26.8	13.0
31C12	80AR	152	18	300396	4934183	F 012	LMST	.6		30.4	NA		NA	79.7	10.5	9.9
31C12	80AR	152A	18	300396	4934183	F 111	LMST	1.0		29.4	.1		56.1	69.3	22.1	8.6
31C12	80AR	153	18	299012	4938409	T 010	MRBL	.1		47.0	.0		45.2	53.1	30.0	16.9
31C12	80AR	154	18	297354	4939897	TN 10	MRBL	.1		45.0	.0		41.7	53.0	39.5	7.5
31C12	80AR	155	18	298314	4940812	F 10	MRBL	.2		49.8	.0		47.5	71.5	23.8	4.7
31C12	80AR	156	18	297571	4943123	TOP 10	MRBL	.1		.1	.1		.1	57.9	37.8	4.3
31C12	80AR	157	18	297399	4942744	F 10	MRBL	NA		NA	NA		NA	81.7	16.8	1.5
31C12	80AR	158	18	296636	4942095	TOP 10	LMST	.1		48.8	.0		41.3	59.0	33.0	8.1
31C12	80AR	159	18	294341	4939875	T 010	LMST	.1		53.9	.1		62.4	65.8	26.7	7.5
31C12	80AR	160	18	290123	4938710	F 10	MRBL	.1		13.7	.1		6.8	95.1	4.1	.8

MAP	ID	UTM		COORDINATES		SAPP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	ZNON-CARBONATE CARBON				%CAC03 EQUIV	ZNON-CARBONATE CARBON	%CAC03 EQUIV	%SAND	%SILT	%CLAY			
31C12 80AR	161	18	285845	4940839	F	10		MRBL	.2	1.3	.0	.0	89.0	9.9	1.1		
31C12 80AR	162	18	287722	4935588	F	10		MRBL	.2	6.4	.1	.1	97.5	2.0	.6		
31C12 80AR	163	18	287947	4933504	T0	11	3.50	LMST	.0	13.1	.0	.0	69.9	22.7	7.4		
31C12 80AR	163A	18	287947	4933504	T0	10	3.50	LMST	.0	11.0	.0	.0	73.7	20.4	5.9		
31C12 80AR	164	18	287603	4932112	T0	11	3.50	MRBL	.0	18.4	.0	.0	67.1	26.4	6.5		
31C12 80AR	164A	18	287603	4932112	T0	01	2.50	MRBL	.1	14.3	.0	.0	63.8	30.6	5.6		
31C12 80AR	164B	18	287603	4932112	T0	01	1.50	MRBL	.0	17.5	.0	.0	71.3	23.7	5.0		
31C12 80AR	168	18	281741	4934473	F	10	2.00	MRBL	.1	.9	.0	.0	68.0	28.8	3.1		
31C12 80AR	169	18	281739	4937521	F	10		LMST	.1	1.1	.0	.0	8.4	89.4	2.2		
31C12 80AR	170	18	282038	4937526	F	10		MRBL	.4	1.6	.0	.0	87.3	10.3	2.5		
31C12 80AR	171	18	278426	4937454	TN	10		LMST	.1	24.4	.0	.0	42.4	47.6	10.1		
31C12 80AR	182	18	268949	4932275	F0	10		GNSS	.7	1.5	.0	.0	84.2	10.6	5.2		
31C12 80AR	183	18	299067	4930536	TN	10		MVCC	.1	37.9	.0	.0	33.7	29.6	36.7		
31C12 80AR	185	18	294911	4954662	F0	10		MRBL	.5	1.2	.0	.0	77.2	19.5	3.4		
31C12 80AR	186	18	286792	4957463	F	10		MRBL	.1	.2	.0	.0	98.0	1.3	.7		
31C12 80AR	803	18	299101	4951453	F	10		MRBL	.5	.5	.0	.0	NA	NA	NA		
31C12 80AR	804	18	299684	4950264	F	10		GNSS	.3	3.3	.0	.0	NA	NA	NA		
31C12 80AR	805	18	290722	4950576	F	10		MRBL	.1	.5	.0	.0	NA	NA	NA		
31C12 80AR	807	18	290301	4932586	TN	112		LMST	.1	55.6	.0	.0	NA	NA	NA		
31C12 80AR	807A	18	290301	4932586	TN	011		LMST	.2	53.3	.0	.0	NA	NA	NA		
31C12 80AR	808	18	291451	4934445	F0	112		MRBL	.2	.9	.0	.0	NA	NA	NA		
31C12 80AR	808A	18	291451	4934445	F0	011		MRBL	.3	.8	.0	.0	NA	NA	NA		
31C12 80AR	809	18	284135	4934077	TN	10		LMST	.5	44.9	.0	.0	NA	NA	NA		
31C12 80AR	810	18	283178	4932182	F0	10		MAFR	.8	3.7	.0	.0	NA	NA	NA		
31C12 80AR	811	18	277447	4940220	F	10		MRBL	.1	.3	.0	.0	NA	NA	NA		
31C12 81KAR	139	18	301260	4986300	F0	10		GRNT	.1	24.8	.0	.0	NA	NA	NA		
31C12 81KAR	140	18	300800	4937160	TN	10		LMST	1.0	36.0	.0	.0	NA	NA	NA		
31C12 81KAR	141	18	296710	4940290	TN	10		LMST	.4	34.7	.0	.0	NA	NA	NA		
31C12 81KAR	142	18	274860	4933570	TN	10		MVCC	.6	1.3	.0	.0	NA	NA	NA		
31C12 81KAR	144	18	264920	4937290	TN	10		GRNT	.2	36.2	.0	.0	62.7	27.0	10.3		
31C12 81KAR	145	18	296650	4931690	TN	10		LMST	.1	17.3	.0	.0	68.1	21.6	10.3		
31C12 81KAR	146	18	267740	4955750	F	10		AMPB	1.9	7.1	.0	.0	89.5	7.5	3.1		
31C12 81KAR	147	18	268080	4955500	R	10		GRNT	1.4	2.0	.0	.0	NA	NA	NA		
31C12 81KAR	148	18	274370	4953950	T0	10		MRBL	.1	.6	.0	.0	NA	NA	NA		
31C12 81KAR	149	18	265840	4945700	TN	10		GRNT	.1	.4	.0	.0	73.1	24.0	3.0		
31C12 81KAR	150	18	269370	4941010	F	10		GRNT	1.1	3.8	.0	.0	77.1	18.5	4.4		
31C12 81KAR	151	18	273050	4941380	F	10		GNSS	.1	.4	.0	.0	NA	NA	NA		
31C12 81KAR	165	18	293040	4957170	T0	10		MAFR	.2	2.8	.0	.0	NA	NA	NA		
31C13 80AR	192	18	279875	4985012	F0	10		MRBL	.2	1.6	.0	.0	90.9	8.0	1.1		
31C13 80AR	193	18	280406	4979845	F	10		GBBR	.3	3.0	.0	.0	61.7	35.6	2.7		
31C13 80AR	194	18	282500	4963488	F	10		MRBL	.1	1.1	.0	.0	80.1	19.0	1.0		
31C13 80AR	195	18	276108	4963520	T0	10	2.00	GNSS	.1	.6	.0	.0	66.8	28.5	4.7		
31C13 80AR	196	18	276678	4964422	T0	10		GRNT	.0	.7	.0	.0	62.8	32.9	4.3		
31C13 80AR	197	18	276612	4965097	TN	10		GRNT	.1	.5	.0	.0	69.4	27.2	3.5		
31C13 80AR	198	18	277038	4968516	F0	10		MRBL	.1	1.0	.0	.0	91.3	6.2	2.5		
31C13 80AR	199	18	275022	4973020	F	10	2.00	GNSS	.2	4.9	.0	.0	96.2	3.0	.8		
31C13 80AR	200	18	272971	4978421	F	11		MVCC	.0	.2	.0	.0	85.7	13.6	.7		
31C13 80AR	200CA	18	272971	4978421	F	01		MVCC	NA	NA	.0	.0	87.5	8.9	3.6		
31C13 80AR	201	18	274104	4979321	F	00		MRBL	.5	5.3	.0	.0	NA	NA	NA		
31C13 80AR	202	18	267326	4980024	F	10		MRBL	.4	2.3	.0	.0	61.9	33.4	4.7		

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AP	ID	UTM			COORDINATES			SAMP	DEPTH	BORK	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	SAMP	TYPE	TYPE				ZNON-CARBONATE	XCACO3	EQUIV	ZNON-CARBONATE	XCACO3	EQUIV	XSAND	XSILT	XCCLAY
11C13	80AR	230	18 284181	4984552	F0	10	MRBL			MRBL	NA	NA	NA	.1	1.3	1.0	96.9	2.1	1.0
11C13	80AR	231	18 290305	4971147	F	003	MRBL			MRBL	.4	7.1	14.9	.2	14.9	7.6	92.1	7.6	.3
11C13	80AR	231A	18 290305	4971147	F	012	MRBL			MRBL	.0	13.8	25.4	.1	25.4	69.5	29.6	69.5	.9
11C13	80AR	231B	18 290305	4971147	F	111	MRBL			MRBL	.4	7.6	14.8	.3	14.8	8.0	90.4	8.0	1.6
11C13	80AR	232	18 297143	4969771	F	1C	2.50	MRBL		MRBL	.1	18.8	9.9	.0	9.9	8.3	91.2	8.3	.4
11C13	80AR	233	18 298113	4978933	IN	10	MRBL			MRBL	.1	.0	.2	.0	.2	16.9	81.9	16.9	1.2
11C13	80AR	235	18 289799	4985005	F	11	GNSS			GNSS	.7	1.9	.5	.1	.5	2.8	96.7	2.8	.5
11C13	80AR	235A	18 289799	4985005	F	01	GNSS			GNSS	NA	NA	13.4	.1	13.4	NA	NA	NA	NA
11C13	80AR	280	18 273706	4968116	F	10	GRNT			GRNT	.1	1.1	.0	.1	.0	15.2	83.3	15.2	1.3
11C13	80AR	281	18 272157	4961370	F	10	GRNT			GRNT	.0	.6	.2	.0	.2	22.3	75.2	22.3	2.5
11C13	80AR	282	18 267397	4960398	F	11	5.00	GRNT		GRNT	.2	14.1	5.6	.1	5.6	.4	98.9	.4	.7
11C13	80AR	282A	18 267397	4960398	F	01	2.00	GRNT		GRNT	NA	NA	NA	NA	NA	3.6	95.8	3.6	.6
11C13	80AR	464	18 264441	4983965	TO	10	GNSS			GNSS	.1	.1	.2	.0	.2	23.5	72.8	23.5	3.7
11C13	80AR	467	18 291714	4983565	CO	10	MRBL			MRBL	.1	.4	.1	NA	NA	22.5	75.7	22.5	1.8
11C13	81KAR	152	18 292700	4965570	FO	10	MSDM			MSDM	.3	1.4	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	153	18 292300	4967390	TO	10	GRNT			GRNT	.3	2.2	NA	NA	NA	19.2	78.5	19.2	2.3
11C13	81KAR	154	18 295280	4971130	TO	10	MSDM			MSDM	NA	NA	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	155	18 295060	4974120	TO	10	MRBL			MRBL	.5	49.0	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	156	18 295690	4974780	FO	10	MRBL			MRBL	.5	1.3	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	157	18 297930	4972640	TO	10	MRBL			MRBL	.2	.9	NA	NA	NA	21.8	76.1	21.8	2.1
11C13	81KAR	158	18 300930	4975620	F	10	MRBL			MRBL	.3	3.6	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	159	18 301870	4984970	TO	10	GRNT			GRNT	.2	2.4	NA	NA	NA	17.1	77.7	17.1	5.2
11C13	81KAR	160	18 301160	4981600	TO	10	AMPB			AMPB	.1	.3	NA	NA	NA	24.5	68.0	24.5	7.4
11C13	81KAR	162	18 296840	4969060	FO	10	MAFR			MAFR	.1	23.0	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	163	18 287590	4971360	IN	10	GNSS			GNSS	.1	1.1	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	164	18 290200	4968680	TO	10	GNSS			GNSS	.1	.7	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	182	18 263450	4962570	TO	10	GRNT			GRNT	.3	3.0	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	183	18 265810	4962390	F	112	MAFR			MAFR	.6	.1	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	183A	18 265810	4962390	AO	011	MAFR			MAFR	.1	2.3	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	184	18 265370	4964510	TO	112	GRNT			GRNT	.1	1.2	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	184A	18 265370	4964510	TO	011	GRNT			GRNT	.1	1.5	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	185	18 265630	4963640	TO	10	MAFR			MAFR	.2	3.3	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	186	18 267920	4968930	TO	10	MRBL			MRBL	.2	1.5	NA	NA	NA	23.1	73.2	23.1	3.7
11C13	81KAR	187	18 282060	4973170	FO	10	MRBL			MRBL	.3	2.8	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	188	18 280750	4972800	TO	10	MRBL			MRBL	.6	2.3	NA	NA	NA	23.1	73.6	23.1	3.4
11C13	81KAR	189	18 279560	4970630	F	10	MRBL			MRBL	.1	9.1	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	190	18 277770	4980360	FO	10	MAFR			MAFR	.3	3.4	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	191	18 274380	4979900	F	10	MRBL			MRBL	NA	NA	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	192	18 270350	4977150	TO	10	AMPB			AMPB	.5	2.8	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	193	18 264790	4975280	TO	10	MRBL			MRBL	.6	1.0	NA	NA	NA	NA	NA	NA	NA
11C13	81KAR	194	18 264310	4971900	FO	10	MRBL			MRBL	.2	3.3	NA	NA	NA	NA	NA	NA	NA
11C13	81SAR	193	18 296700	4968650	T	10	MAFR			MAFR	.1	5.7	NA	NA	NA	18.9	77.8	18.9	3.3
11C14	80AR	116	18 327903	4967970	F	11	MRBL			MRBL	.1	14.8	2.1	.0	.7	.6	98.7	.7	.6
11C14	80AR	116A	18 327903	4967970	F	01	10.00	MRBL		MRBL	.0	4.1	2.0	.0	2.0	24.0	73.8	24.0	2.2
11C14	80AR	117	18 319688	4983129	TO	10	GRNT			GRNT	.1	.5	.1	.0	.1	28.9	68.4	28.9	2.8
11C14	80AR	118	18 319952	4982173	TO	112	GRNT			GRNT	.1	1.1	NA	NA	NA	1.9	70.6	27.5	1.9
11C14	80AR	118A	18 319952	4982173	IN	011	GRNT			GRNT	.1	1.0	.1	.0	.1	22.9	62.7	22.9	14.4
11C14	80AR	119	18 325074	4976756	TO	10	GRNT			GRNT	.1	.8	.2	.0	.2	10.4	88.5	10.4	1.2
11C14	80AR	120	18 325163	4973980	TO	10	4.00	GRNT		GRNT	.1	.2	NA	NA	NA	26.9	67.4	26.9	5.7
11C14	80AR	121	18 332722	4967656	TO	10	MRBL			MRBL	.1	29.8	27.4	.0	27.4	26.0	68.1	26.0	6.0

SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT

MAP	ID	UTM ZN	COORDINATES EAST NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	ZNON-CARBONATE CARBON	XCAC03 EQUIV	ZNON-CARBONATE CARBON	XCAC03 EQUIV	L.T. 2MM FRACTION XSAND XSILT XCLAY
31C14	80AR	122	18 329270 4961274	IN 10	.75	MRBL	.1	22.3	.0	8.0	69.5 23.5 7.0
31C14	80AR	766	18 326085 4971922	TO 10		GRNT	.0	.4	.0	.2	67.3 28.7 4.0
31C14	80AR	767	18 321182 4974552	F 10		GRNT	.0	1.3	.0	.4	80.7 18.1 1.2
31C14	80AR	768	18 324128 4974486	TO 10		GRNT	.0	.4	.0	.3	80.5 17.3 2.2
31C14	80AR	769	18 325014 4974798	TO 10		GRNT	.0	.5	NA	NA	81.5 17.2 1.3
31C14	80AR	770	18 322706 4969642	TO 10		MVCC	.1	.9	.0	.1	71.0 22.1 6.9
31C14	80AR	771	18 319205 4967233	TO 10		GRNT	.1	2.3	.0	.7	88.6 10.3 1.0
31C14	80AR	772	18 336573 4970062	TO 10		MRBL	.1	11.0	.0	13.8	NA NA NA
31C14	80AR	775	18 342029 4976596	AO 10		MRBL	.4	3.6	.1	.8	94.9 3.9 1.3
31C14	80AR	776	18 335730 4982236	FO 10		GRNT	1.6	8.7	.3	3.0	81.6 14.8 4.4
31C14	80AR	777	18 335774 4984247	F 10		GRNT	.2	1.9	.0	.1	98.9 .5 .6
31C14	80AR	780	18 330293 4971935	IN 10		GRNT	.1	2.3	.1	.0	79.6 19.3 1.1
31C14	80AR	781	18 332940 4964133	TOP 10		MVCC	.2	51.3	.1	48.2	68.4 27.4 4.2
31C14	80AR	782	18 339815 4968630	F 10		MVCC	.2	20.6	.1	15.3	96.7 2.8 .5
31C14	81KAR	161	18 309050 4983880	F 10		GRNT	.2	4.5	NA	NA	NA NA NA
31C14	81KAR	166	18 302430 4968290	TO 10		MVCC	.3	2.6	NA	NA	71.6 26.1 2.3
31C14	81KAR	167	18 309760 4962310	TO 10		MVCC	.4	2.8	NA	NA	NA NA NA
31C14	81KAR	168	18 307140 4964100	F 10		MVCC	.2	2.7	NA	NA	NA NA NA
31C14	81KAR	169	18 306040 4964840	F 10		MVCC	.3	2.8	NA	NA	60.9 35.8 3.2
31C14	81KAR	170	18 307010 4967950	F 10		GRNT	.6	3.5	NA	NA	NA NA NA
31C14	81KAR	171	18 317040 4967400	TO 10		DORT	.1	.9	NA	NA	NA NA NA
31C14	81KAR	172	18 315000 4968000	IN 10		MAFR	.1	1.2	NA	NA	65.0 29.1 5.9
31C14	81KAR	173	18 312170 4969020	IN 10		GRNT	.1	1.6	NA	NA	NA NA NA
31C14	81KAR	174	18 309500 4968360	IN 10		GRNT	.1	1.1	NA	NA	NA NA NA
31C14	81KAR	175	18 307130 4970450	TO 10		GRNT	.4	3.8	NA	NA	NA NA NA
31C14	81KAR	176	18 308300 4972250	FO 10		GRNT	.9	3.3	NA	NA	NA NA NA
31C14	81KAR	177	18 309350 4972450	TO 10		MVCC	.1	2.0	NA	NA	93.3 5.6 1.1
31C14	81KAR	178	18 310130 4973600	FO 10		MAFR	.2	2.0	NA	NA	NA NA NA
31C14	81KAR	179	18 312670 4975590	TU 10		GRNT	.1	.3	NA	NA	NA NA NA
31C14	81KAR	180	18 315630 4978880	TO 10		GRNT	.2	1.6	NA	NA	NA NA NA
31C14	81KAR	181	18 318420 4981570	F 10		GRNT	.1	1.5	NA	NA	65.0 32.7 2.4
31C14	81KAR	200	18 324940 4959800	FO 10		MVCC	.4	2.4	NA	NA	NA NA NA
31C14	81KAR	202	18 324550 4961900	TO 10		MVCC	.8	4.7	NA	NA	NA NA NA
31C14	81KAR	203	18 320830 4959360	TO 10		GRNT	1.0	2.2	NA	NA	81.3 16.7 2.0
31C14	81KAR	211	18 330360 4960540	TO 10		GNSS	.7	4.4	NA	NA	70.6 25.2 4.2
31C14	81KAR	212	18 337450 4962910	TOP 10		MVCC	.7	4.6	NA	NA	60.7 34.3 5.0
31C14	81KAR	213	18 335960 4962550	F 10		MVCC	.2	22.2	NA	NA	NA NA NA
31C14	81KAR	214	18 341730 4962790	TN 112		MVCC	.2	1.8	NA	NA	NA NA NA
31C14	81KAR	214A	18 341730 4962790	AO 011		MVCC	.7	1.7	NA	NA	NA NA NA
31C14	81SAR	113	18 326220 4975120	VU 10		GRNT	.3	3.8	NA	NA	NA NA NA
31C15	80AR	30	18 364551 4964172	FN 10		MRBL	.5	33.6	.0	27.0	88.4 9.3 2.3
31C15	80AR	31	18 364382 4965004	TN 10	1.50	MRBL	.3	8.2	.0	11.3	71.8 22.8 5.4
31C15	80AR	33	18 364032 4966621	FO 10		MVCC	.1	14.7	.0	12.2	71.3 26.5 2.3
31C15	80AR	34	18 365346 4970754	FO 10	5.00	MAFR	.2	18.3	.1	17.4	95.3 3.8 .9
31C15	80AR	35	18 368230 4964372	TU 10	2.50	MRBL	.1	22.7	.0	13.9	63.4 24.7 11.9
31C15	80AR	36	18 371730 4974865	TO 10		GRNT	.2	29.7	.0	23.8	48.2 34.6 17.2
31C15	80AR	37	18 371864 4975984	FO 10		GRNT	.3	15.7	.0	16.8	89.7 9.0 1.3
31C15	80AR	38	18 371201 4976860	FN 10		GRNT	.6	25.8	.1	15.3	96.0 2.8 1.2
31C15	80AR	39	18 369252 4977999	FN 10		MRBL	.6	14.9	.1	7.6	95.9 3.1 1.0
31C15	80AR	40	18 367608 4978629	FN 10		GRNT	.2	29.5	.1	41.3	97.5 1.8 .8

MAP	ID	UTM		COORDINATES		SAMP DEPTH	SAMP TYPE	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
		ZN	EAST	NORTH	FN				ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZSAND	ZSILT XCLAY

31C15 80AR	41	18	369239	4979962	FN 10	3.00	MRBL		.3	15.8	.1	9.3	77.2	21.0	1.8
31C15 80AR	42	18	370650	4981920	FN 10		DORT		.6	.8	.1	.4	93.0	5.4	1.6
31C15 80AR	43	18	375552	4980963	FN 10	2.00	DORT		.0	22.0	.0	10.6	86.1	11.7	2.2
31C15 80AR	44	18	377784	4981606	FN 10	1.00	MRBL		.1	19.2	.0	14.5	92.4	6.9	.7
31C15 80AR	45	18	379078	4979948	FO 10		MRBL		.8	47.3	.2	57.7	78.0	19.0	3.0
31C15 80AR	46	18	374730	4977269	FO 10		MRBL		.6	15.3	.0	26.3	NA	NA	NA
31C15 80AR	47	18	374063	4976916	F 112	4.50	GRNT		NA	NA	.0	29.1	98.9	.4	.7
31C15 80AR	47A	18	374063	4976916	F 011	1.50	GRNT		.1	29.5	.1	23.6	83.0	16.0	1.0
31C15 80AR	48	18	374109	4975542	F 10	1.50	GRNT		.1	31.6	.1	23.8	98.7	.9	.4
31C15 80AR	49	18	374659	4974937	FO 10		MRBL		.4	62.9	.2	86.2	70.7	23.1	6.2
31C15 80AR	50	18	380209	4978201	F 11		MVCC		NA	NA	.1	39.3	98.5	1.0	.6
31C15 80AR	50A	18	380209	4978201	F 01		MVCC		.3	40.1	.1	42.3	94.3	5.0	.7
31C15 80AR	51	18	373033	4971547	FO 11	2.50	GRNT		.2	43.4	NA	NA	70.8	20.1	9.1
31C15 80AR	51A	18	373033	4971547	FO 10		GRNT		NA	NA	NA	NA	70.5	20.6	8.9
31C15 80AR	51B	18	373033	4971547	FO 10		GRNT		NA	NA	NA	NA	74.6	16.2	9.3
31C15 80AR	52	18	380385	4968105	FO 103	1.50	GNSS		.3	44.5	.0	31.3	74.2	19.9	5.9
31C15 80AR	52A	18	373033	4971547	FO 01		GNSS		.2	41.2	.2	26.3	NA	NA	NA
31C15 80AR	52B	18	373033	4971547	FO 01		GNSS		.8	16.4	.0	13.3	NA	NA	NA
31C15 80AR	54	18	373862	4965941	IN 10		MRBL		.5	62.3	.2	55.2	75.9	18.6	5.5
31C15 80AR	55	18	357213	4968762	F 10		GNSS		.4	2.3	NA	NA	96.7	2.1	1.2
31C15 80AR	56	18	345209	4981081	F 10		AMPB		.2	1.2	.1	.6	81.3	14.9	3.8
31C15 80AR	57	18	347126	4981218	F 10		AMPB		.2	22.7	.0	10.3	95.4	3.4	1.2
31C15 80AR	58	18	346772	4980923	F 10		MRBL		.1	21.3	.0	9.3	84.9	12.4	2.8
31C15 80AR	59	18	351321	4983543	F 10		MRBL		.1	23.3	.1	20.8	95.9	3.6	.9
31C15 80AR	60	18	351391	4983711	F 10	8.00	MRBL		.9	34.6	.1	29.8	97.7	1.2	1.1
31C15 80AR	61	18	352371	4978966	CNP10		MRBL		.2	35.4	.0	35.1	NA	NA	NA
31C15 80AR	62	18	358769	4960342	F 10		MSDM		1.4	15.9	.1	9.8	91.3	5.6	3.1
31C15 80AR	69	18	364916	4956792	IOPI0		MSDM		.5	1.1	.1	.2	58.1	25.7	16.2
31C15 80AR	70	18	379092	4964984	FO 10		GRNT		.2	1.1	NA	NA	75.6	18.5	5.9
31C15 80AR	71	18	380833	4961237	F 10		GNSS		.1	17.7	.0	11.4	96.1	2.9	1.0
31C15 80AR	72	18	381203	4959569	F 10	1.50	MAFR		.1	33.9	.0	21.8	94.4	4.4	1.1
31C15 80AR	74	18	379632	4957323	FN 112		MRBL		.1	30.9	.0	15.2	80.5	17.3	2.2
31C15 80AR	74A	18	379632	4957323	FN 011		MRBL		.1	31.8	.0	11.4	98.4	1.0	.6
31C15 80AR	77	18	376965	4963278	FN 10	3.00	MAFR		.2	.8	.0	.1	91.8	7.2	1.0
31C15 80AR	78	18	374889	4961693	FN 10		MRBL		.1	.8	.0	.6	84.3	14.5	1.2
31C15 80AR	79	18	372261	4957949	FN 10		GRNT		.1	.3	.0	.2	94.4	5.0	.7
31C15 80AR	773	18	347690	4976536	F 10		MAFR		.6	18.7	.2	16.9	91.7	8.2	.1
31C15 80AR	774	18	342172	4976360	FOPI0		MRBL		.5	1.8	.1	.7	88.5	8.8	2.7
31C15 81KAR	5	18	381075	4979850	FO 10		MRBL		.6	34.8	NA	NA	NA	NA	NA
31C15 81KAR	8	18	379430	4981560	FO 10		MRBL		.1	28.6	NA	NA	NA	NA	NA
31C15 81KAR	9	18	381125	4982950	FO 113	2.00	MRBL		.0	15.2	NA	NA	NA	NA	NA
31C15 81KAR	9A	18	381125	4982950	FO 012	1.50	MRBL		.1	14.5	NA	NA	NA	NA	NA
31C15 81KAR	9B	18	381125	4982950	FO 011	.50	MRBL		.1	20.1	NA	NA	NA	NA	NA
31C15 81KAR	12	18	379175	4982075	FO 10		MAFR		.1	8.8	NA	NA	NA	NA	NA
31C15 81KAR	69	18	378750	4979500	FO 10		MRBL		.7	54.5	NA	NA	NA	NA	NA
31C15 81KAR	70	18	376900	4978250	FO 10		MRBL		.4	44.5	NA	NA	NA	NA	NA
31C15 81KAR	71	18	372890	4980390	FO 11		DORT		.1	16.1	NA	NA	NA	NA	NA
31C15 81KAR	71A	18	372890	4980390	FO 01		DORT		.3	17.8	NA	NA	NA	NA	NA
31C15 81KAR	72	18	372620	4977180	FO 10		GRNT		.1	25.0	NA	NA	NA	NA	NA
31C15 81KAR	73	18	372150	4975680	FO 10		GRNT		.1	15.8	NA	NA	NA	NA	NA

MAP IO UTM COORDINATES SAMP SAMP BDRK SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT L.T. 2MM FRACTION 52
 ZN EAST NGRTH TYPE DEPTH TYPE GRNT %NON-CARBONATE %CAC03 EQUIV %NON-CARBONATE %CAC03 EQUIV %SAND %SILT %CLAY

31C15 81KAR 74	18	371200	4974260	10	10	GRNT	.6	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 75	18	366150	4973200	F	10	MAFR	.4	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 76	18	367370	4969230	10	10	MAFR	1.7	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 77	18	367800	4969470	10	10	MAFR	.3	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 78	18	371050	4968250	10	10	MRBL	.8	40.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 79	18	373150	4969900	10	10	MRBL	.3	53.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 80R	18	373725	4971800	R	00	MAFR	.5	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 80	18	373725	4971800	10	10	MAFR	.3	41.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 81	18	379400	4970500	10	10	MRBL	1.7	27.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 82	18	380240	4971320	10	10	MRBL	.4	69.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 83	18	366500	4980370	F	10	GNSS	.1	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 84	18	363440	4978100	10	10	MVCC	.9	21.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 85	18	361750	4981170	F	10	DORT	.2	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 93	18	367780	4957500	10	10	MAFR	.1	22.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 106	18	368450	4960500	10	10	MAFR	.3	.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 107	18	376960	4963360	10	10	MAFR	.1	13.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 108	18	375230	4961840	10	10	MAFR	.1	.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 109	18	374170	4959150	10	10	GNSS	.3	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 110	18	371350	4959800	10	10	MRBL	.3	31.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 111	18	370530	4959280	10	10	MRBL	.2	27.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 112	18	372330	4957110	10	10	GNSS	.5	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 116	18	380650	4957600	10	10	GRNT	.4	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 81KAR 117	18	379610	4957190	10	10	MRBL	.2	44.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 764	18	346350	4980810	F	10	MRBL	.1	16.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 765	18	345675	4981010	F	10	MRBL	.4	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 766	18	345025	4981100	F	10	MRBL	.1	20.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 767	18	343450	4982200	C	10	MRBL	.3	.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 775	18	345500	4984400	10	10	MAFR	1.6	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 791	18	352360	4984160	F	10	GNSS	.2	38.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 793	18	356880	4982570	10	10	GNSS	.5	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 794	18	356240	4980540	C	10	MAFR	.6	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C15 82KAR 795	18	356350	4980210	10	10	MAFR	.5	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 1	18	392920	4965475	10	113	2.25 SYNT	.1	26.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 1A	18	392920	4965475	10	012	2.00 SYNT	.1	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 18	18	392920	4965475	10	011	1.00 SYNT	.1	26.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 2	18	385996	4968648	F	10	2.00 MRBL	.1	14.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 3	18	389076	4974434	10	10	1.50 MRBL	.2	21.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 15	18	386735	4980766	F	11	MRBL	.3	31.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 19	18	382684	4956732	10	112	1.60 MCGL	.2	12.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 19A	18	382684	4956732	F	011	1.30 MCGL	.2	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 73	18	381561	4956690	10	10	MRBL	.2	35.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 80AR 73A	18	381561	4956690	10	00	MRBL	.2	38.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 1	18	395600	4977820	10	10	NESS	.1	17.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 2	18	394450	4977680	10	11	NESS	.1	20.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 2A	18	394450	4977680	10	01	NESS	.3	.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 3	18	386025	4979250	10	10	MRBL	.1	26.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 4	18	383750	4979200	F	10	MRBL	.2	28.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 6	18	382600	4980000	10	10	GNSS	.2	37.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 7	18	381825	4979475	10	10	GNSS	.1	37.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31C16 81KAR 22	18	393925	4982700	10	113	GRNT	.1	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
									58.6	34.1	7.3								

FINE SAND-SIZED FRACT
XNON-CARBONATE
XCAC03
EQUIV

SILT PLUS CLAY-SIZED FRACT
XNON-CARBONATE
XCAC03
EQUIV

UTM COORDINATES
ZN EAST NORTH

MAP	ID	SAMP DEPTH	SAMP TYPE	BDRK TYPE	UTM ZN	EAST	NORTH	XSAND	XSILT	XCLAY
31C16	81KAR	22A	18 393925	4982700	10 012	GRNT	.1	18.8	NA	NA
31C16	81KAR	22B	18 393925	4982700	10 011	GRNT	.1	16.3	NA	NA
31C16	81SAR	44	18 390375	4963750	10 10	SYNT	.1	20.4	NA	NA
31C16	81SAR	44A	18 390375	4963750	10 01	SYNT	.1	11.2	NA	NA
31C16	81SAR	235	18 398500	4966680	10P10	NESS	.1	.8	65.7	22.1
31C16	81SAR	236	18 400110	4961160	10 10	GRNT	.2	.8	71.9	19.6
31C16	81SAR	237	18 402100	4961400	10 10	MAFR	.1	20.9	NA	NA
31C16	81SAR	238	18 398950	4960100	10 10	MAFR	.1	30.3	60.3	23.7
31C16	81SAR	239	18 402375	4959900	10 10	MAFR	.1	25.8	57.1	32.7
31C16	81SAR	240	18 402375	4959900	10 10	MAFR	.1	21.9	NA	NA
31C16	81SAR	241	18 402975	4961250	10 10	GNSS	.1	19.9	NA	NA
31C16	81SAR	242	18 404750	4965025	10 10	NESS	.1	41.8	58.2	28.8
31C16	81SAR	243	18 403170	4963720	10 10	NESS	.1	25.5	74.1	19.9
31C16	81SAR	244	18 398175	4956600	10P10	MRBL	.5	1.2	NA	NA
31C16	81SAR	261	18 390200	4956675	F 10	MAFR	.1	18.0	NA	NA
31C16	81SAR	262	18 390190	4956800	10 10	MAFR	.2	21.9	NA	NA
31C16	81SAR	263	18 392220	4958630	10 10	MRBL	.1	22.7	NA	NA
31D08	80AR	270	17 713013	4930636	10 10	LMST	.1	29.6	74.0	20.2
31D08	80AR	271	17 712514	4929054	10 10	LMST	.1	29.2	60.8	27.1
31D08	80AR	272	17 714383	4923879	10 112	LMST	.3	38.8	49.0	30.4
31D08	80AR	272A	17 714383	4923879	10 011	LMST	.2	47.4	47.3	30.2
31D09	80AR	258	17 706268	4939892	10 10	AMPB	.1	28.9	52.0	30.6
31D09	80AR	258A	17 706268	4939893	10 00	AMPB	NA	NA	64.7	25.1
31D09	80AR	259	17 703187	4939611	10 10	AMPB	.1	.4	68.1	30.0
31D09	80AR	260	17 707424	4942983	10 10	LMST	.1	25.3	67.4	19.0
31D09	80AR	261	17 709757	4949636	10 10	AMPB	.0	.3	71.6	24.8
31D09	80AR	262	17 707839	4950932	10 10	GRNT	.0	.3	68.4	24.9
31D09	80AR	263	17 708442	4951315	E 10	MRBL	.0	.1	69.1	27.4
31D09	80AR	267	17 712176	4934731	10 10	LMST	.1	24.5	61.4	22.9
31D09	80AR	268	17 712753	4933075	10 10	LMST	.1	19.5	17.4	25.7
31D09	80AR	269	17 713186	4932167	10 10	LMST	.1	22.7	63.6	27.4
31D09	80AR	273	17 731400	4935971	10 10	GNSS	.1	62.0	77.9	18.8
31D09	80AR	274	17 730305	4940268	10 10	MRBL	.2	.4	87.2	11.5
31D09	80AR	275	17 730038	4939245	10 10	GNSS	.1	20.8	72.5	22.6
31D09	80AR	276	17 727639	4950536	F 10	MRBL	.5	1.5	88.6	10.2
31D09	80AR	277	17 726797	4952821	A 10	GNSS	.0	.5	89.3	10.2
31D09	80AR	510	17 701820	4940880	10 10	GNSS	.0	12.7	72.3	10.2
31D09	80AR	511	17 730051	4939170	10 10	GNSS	.1	26.6	77.2	19.1
31D09	81KAR	123	17 720180	4957150	10 10	MVCC	.1	1.2	NA	NA
31D09	81KAR	124	17 721390	4957480	10 10	MVCC	.1	.8	NA	NA
31D09	81KAR	125	17 721800	4957200	10 10	GNSS	.1	.8	NA	NA
31D09	81KAR	126	17 723350	4958610	10 112	GNSS	.1	.9	74.5	23.3
31D09	81KAR	126A	17 723350	4958610	10 011	GNSS	.1	1.3	NA	NA
31D09	81KAR	127	17 732470	4955720	F 10	GNSS	.2	1.9	95.3	3.8
31D09	81KAR	129	17 733610	4953500	10 10	MRBL	NA	NA	84.1	14.1
31D09	81KAR	130	17 734100	4945340	F 10	MRBL	.6	1.3	NA	NA
31D09	81KAR	131	17 733260	4950260	10 10	MRBL	.1	.4	NA	NA
31D09	81KAR	132	17 708030	4945920	10 10	LMST	.1	10.3	69.2	24.1
31D09	81KAR	133	17 706210	4952650	10 10	GNSS	.1	4.4	76.6	21.0
31D09	81KAR	134	17 701040	4955560	10 10	GRNT	.1	2.3	82.3	15.8

MAP	ID	UTM		COORDINATES	SAMP DEPTH	SAMP TYPE	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH				ZNON-CARBONATE CARBON	XCAC03 EQUIV	XCAC03 EQUIV	ZNON-CARBONATE CARBON	XCAC03 EQUIV	XCAC03 EQUIV	XSAND	XSILT	XCCLAY
31009	81KAR 135	17	702570	4953190	F	10	GNSS	.1	.6		NA	NA	NA	NA	NA	NA
31009	81KAR 136	17	710950	4954900	T	10	HVCC	.1	.9		NA	NA	NA	70.3	27.0	2.7
31009	81KAR 137	17	713280	4957300	TN	10	MRBL	.1	.8		NA	NA	NA	NA	NA	NA
31009	81KAR 138	17	713240	4956120	TN	10	MRBL	.2	1.0		NA	NA	NA	NA	NA	NA
31010	80AR 257	17	697344	4940379	A	10	GNSS	.1	14.8		.0	19.3		94.0	4.5	1.5
31010	80AR 416	17	663391	4945861	T	10	MRBL	.1	22.6		.0	8.4		51.7	37.9	10.4
31010	80AR 509	17	695939	4933160	T	10	LMST	.1	30.3		.0	14.7		65.3	25.5	9.2
31010	81KAR 526	17	672125	5036380	TN	10	GNSS	.1	.2		NA	NA	NA	79.4	16.6	4.0
31010	81KAR 527	17	672720	5036930	T	114	GNSS	.1	.3		NA	NA	NA	NA	NA	NA
31010	81KAR 527A	17	672720	5036930	T	013	GNSS	.0	.3		NA	NA	NA	NA	NA	NA
31010	81KAR 527B	17	672720	5036930	T	012	GNSS	.1	.4		NA	NA	NA	NA	NA	NA
31010	81KAR 527C	17	672720	5036930	T	011	GNSS	.1	2.3		NA	NA	NA	NA	NA	NA
31011	81KAR 515	17	626350	4954050	FM	10	GNSS	NA	NA		NA	NA	NA	32.2	63.1	4.7
31011	81KAR 516	17	624950	4953100	TN	10	GNSS	.9	4.0		NA	NA	NA	63.9	27.2	8.8
31011	81KAR 517	17	622200	4951600	T	10	GNSS	.2	46.6		NA	NA	NA	56.1	24.5	19.4
31011	81KAR 518	17	624000	4949050	TN	10	GNSS	.1	33.1		NA	NA	NA	55.8	31.5	12.7
31011	81KAR 519	17	625480	4949850	T	10	GNSS	.1	28.5		NA	NA	NA	56.6	32.4	11.1
31011	81KAR 520	17	635890	4953820	F	10	GNSS	1.0	5.6		NA	NA	NA	NA	NA	NA
31011	81KAR 521	17	637625	4948210	V	10	GNSS	.1	3.2		NA	NA	NA	59.0	28.5	12.5
31011	81KAR 522	17	638240	4946500	TN	10	GNSS	.2	32.6		NA	NA	NA	NA	NA	NA
31011	81KAR 523	17	646310	4948640	F	10	GNSS	.2	3.2		NA	NA	NA	NA	NA	NA
31011	81KAR 524	17	647150	4946280	F	10	GNSS	.1	39.3		NA	NA	NA	NA	NA	NA
31011	81KAR 525	17	651550	4952950	F	10	GNSS	.5	1.0		NA	NA	NA	52.9	34.4	12.7
31011	81KAR 528	17	675150	5038810	T	10	GNSS	.1	2.3		NA	NA	NA	83.4	14.5	2.1
31014	81KAR 464	17	630225	4981620	V	10	GNSS	.9	3.1		NA	NA	NA	NA	NA	NA
31014	81KAR 465	17	628250	4979370	F	10	GNSS	.2	9.4		NA	NA	NA	NA	NA	NA
31014	81KAR 466	17	626200	4978290	T	10	GNSS	.4	3.7		NA	NA	NA	82.6	15.3	2.1
31014	81KAR 467	17	635380	4979680	T	10	GNSS	3.2	2.8		NA	NA	NA	71.1	23.2	5.8
31014	81KAR 468	17	637350	4980230	T	10	GNSS	.1	4.3		NA	NA	NA	79.8	18.4	1.8
31014	81KAR 469	17	634800	4983280	T	11	GNSS	.1	2.9		NA	NA	NA	NA	NA	NA
31014	81KAR 469A	17	634800	4983280	T	01	GNSS	.1	3.5		NA	NA	NA	NA	NA	NA
31014	81KAR 469B	17	634800	4983280	T	01	GNSS	.1	4.4		NA	NA	NA	NA	NA	NA
31014	81KAR 470	17	642500	4983600	T	10	GNSS	.1	1.2		NA	NA	NA	71.0	27.0	2.0
31014	81KAR 471	17	651480	4984110	T	112	GNSS	.1	.6		NA	NA	NA	73.9	24.6	1.5
31014	81KAR 471A	17	651480	4984110	T	011	GNSS	.1	1.2		NA	NA	NA	NA	NA	NA
31014	81KAR 474	17	653675	4983550	V	10	GNSS	.1	.3		NA	NA	NA	NA	NA	NA
31014	81KAR 475	17	655975	4980450	F	01	GNSS	.0	.5		NA	NA	NA	NA	NA	NA
31014	81KAR 475A	17	655975	4980450	T	11	GNSS	.1	.2		NA	NA	NA	30.7	53.2	16.1
31014	81KAR 476	17	653300	4978725	F	10	GNSS	.2	3.2		NA	NA	NA	NA	NA	NA
31014	81KAR 478	17	643725	4981740	T	10	GNSS	.1	2.6		NA	NA	NA	73.2	24.7	2.1
31014	81KAR 479	17	640600	4978580	T	10	GNSS	.1	1.7		NA	NA	NA	72.9	25.3	1.8
31014	81KAR 480	17	624580	4979175	F	10	GNSS	.5	2.2		NA	NA	NA	NA	NA	NA
31014	81KAR 481	17	622650	4979930	F	10	GNSS	1.0	6.4		NA	NA	NA	81.7	16.5	1.8
31014	81KAR 482	17	624100	4977850	F	10	GNSS	.1	1.4		NA	NA	NA	NA	NA	NA
31014	81KAR 483	17	622300	4976250	F	01	GNSS	.2	.3		NA	NA	NA	NA	NA	NA
31014	81KAR 483A	17	622300	4976250	V	10	GNSS	1.3	3.9		NA	NA	NA	NA	NA	NA
31014	81KAR 484	17	626550	4974950	T	112	GNSS	.1	1.2		NA	NA	NA	73.4	24.7	2.0
31014	81KAR 484A	17	626550	4974950	T	011	GNSS	.1	1.8		NA	NA	NA	NA	NA	NA
31014	81KAR 485	17	621450	4974200	F	10	GNSS	.5	3.2		NA	NA	NA	NA	NA	NA
31014	81KAR 486	17	626125	4972050	F	10	GNSS	NA	NA		NA	NA	NA	66.5	29.6	3.9

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MAP	ID	UTM		COORDINATES		SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	XNON-CARBONATE CARBON				XCAC03 EQUIV	XNON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	XCLAY			
31014	81KAR 489	17	618650	4973110	F0 10			GNSS	2.2	4.6	NA	NA	NA	NA	NA	NA	
31014	81KAR 490	17	632190	4966750	F 10			GNSS	.1	1.0	NA	NA	NA	NA	NA	NA	
31014	81KAR 491A	17	633125	4976100	F0 10			GNSS	.1	1.4	NA	NA	NA	NA	NA	NA	
31014	81KAR 492	17	634160	4976000	V 112			GNSS	.1	.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 492A	17	634160	4976000	F0 011			GNSS	.2	1.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 493	17	638660	4977520	VU 10			GNSS	.1	.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 494	17	638950	4977380	TU 10			GNSS	.1	1.7	NA	NA	NA	NA	NA	NA	
31014	81KAR 495	17	641280	4976300	T0 10			GNSS	.1	1.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 496	17	649100	4971400	F0 10			GNSS	.4	4.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 497	17	647900	4974640	T0P10			GNSS	1.3	3.4	NA	NA	NA	NA	NA	NA	
31014	81KAR 498	17	644260	4972275	V 10			GNSS	.1	.1	NA	NA	NA	NA	NA	NA	
31014	81KAR 499	17	640150	4969800	V0 10			GNSS	.1	3.1	NA	NA	NA	NA	NA	NA	
31014	81KAR 500	17	641490	4966770	F 10			GNSS	1.0	10.2	NA	NA	NA	NA	NA	NA	
31014	81KAR 501	17	641320	4966530	F 10			GNSS	.2	1.8	NA	NA	NA	NA	NA	NA	
31014	81KAR 503	17	645800	4961910	F 10			GNSS	.5	3.5	NA	NA	NA	NA	NA	NA	
31014	81KAR 504	17	651625	4963950	F 10			GNSS	1.4	26.7	NA	NA	NA	NA	NA	NA	
31014	81KAR 505	17	654340	4967225	F 10			GNSS	.3	4.6	NA	NA	NA	NA	NA	NA	
31014	81KAR 506	17	645450	4957050	A0 10			GNSS	4.1	6.6	NA	NA	NA	NA	NA	NA	
31014	81KAR 508	17	643000	4958200	F 10			GNSS	.1	.3	NA	NA	NA	NA	NA	NA	
31014	81KAR 509	17	638610	4957620	V0 10			GNSS	.1	.2	NA	NA	NA	NA	NA	NA	
31014	81KAR 510	17	633800	4968280	F 10			GNSS	.2	.8	NA	NA	NA	NA	NA	NA	
31014	81KAR 511	17	631830	4964420	F0 10			GNSS	.2	2.2	NA	NA	NA	NA	NA	NA	
31014	81KAR 512	17	631800	4964000	F 10			GNSS	.1	1.0	NA	NA	NA	NA	NA	NA	
31014	81KAR 514	17	629700	4956750	F0 10			GNSS	.1	.9	NA	NA	NA	NA	NA	NA	
31015	80AR 319	17	686675	4981814	T0 10			MRBL	.1	1.5	NA	NA	NA	NA	NA	NA	
31015	80AR 320	17	688516	4981717	T0 10			MRBL	.1	.3	NA	NA	NA	NA	NA	NA	
31015	80AR 321	17	689945	4982434	F0 10			MRBL	.1	.8	NA	NA	NA	NA	NA	NA	
31015	80AR 322	17	691033	4982956	TN 10			MRBL	.1	.6	NA	NA	NA	NA	NA	NA	
31015	80AR 372	17	677661	4980974	F 10			GNSS	.4	2.9	NA	NA	NA	NA	NA	NA	
31015	80AR 373	17	677342	4981909	TU 012		1.50	GNSS	.0	.9	NA	NA	NA	NA	NA	NA	
31015	80AR 373A	17	677342	4981909	TU 111		3.00	GNSS	.0	.3	NA	NA	NA	NA	NA	NA	
31015	80AR 374	17	677442	4983738	TU 01		2.75	GNSS	NA	NA	NA	NA	NA	NA	NA	NA	
31015	80AR 374A	17	677442	4983738	TU 01		1.20	GNSS	.0	.3	NA	NA	NA	NA	NA	NA	
31015	80AR 374B	17	677442	4983738	TU 11		3.00	GNSS	.0	.1	NA	NA	NA	NA	NA	NA	
31015	80AR 382	17	683851	4983607	F 10			MRBL	.1	9.3	NA	NA	NA	NA	NA	NA	
31015	80AR 383	17	684473	4982308	T0 10			MRBL	.0	.8	NA	NA	NA	NA	NA	NA	
31015	80AR 384	17	686003	4980838	T0 10			GRNT	.0	1.1	NA	NA	NA	NA	NA	NA	
31015	80AR 385	17	677349	4977634	F 10			GNSS	.1	.8	NA	NA	NA	NA	NA	NA	
31015	80AR 386	17	675703	4976547	F 10			GNSS	.0	.7	NA	NA	NA	NA	NA	NA	
31015	80AR 387	17	676845	4979186	T0 10			GNSS	.0	.4	NA	NA	NA	NA	NA	NA	
31015	80AR 388	17	676534	4979067	TN 10			GNSS	.1	.7	NA	NA	NA	NA	NA	NA	
31015	80AR 389	17	674194	4976756	T0 10			MRBL	.1	1.0	NA	NA	NA	NA	NA	NA	
31015	80AR 390	17	675900	4972786	TN 10			GRNT	.0	1.3	NA	NA	NA	NA	NA	NA	
31015	80AR 391	17	674732	4972746	T0 10			GRNT	.0	.2	NA	NA	NA	NA	NA	NA	
31015	80AR 392	17	672820	4969428	T0 10			GRNT	.1	1.2	NA	NA	NA	NA	NA	NA	
31015	80AR 393	17	673187	4963978	F 10			MSDM	.1	5.8	NA	NA	NA	NA	NA	NA	
31015	80AR 394	17	679855	4980370	T0 10			GNSS	.1	.7	NA	NA	NA	NA	NA	NA	
31015	80AR 395	17	680147	4984246	F 10			GNSS	.1	1.4	NA	NA	NA	NA	NA	NA	
31015	80AR 396	17	682377	4983510	T0 10			MRBL	.0	.7	NA	NA	NA	NA	NA	NA	
31015	80AR 397	17	681899	4981137	F 10		25.00	MRBL	.1	2.5	NA	NA	NA	NA	NA	NA	

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MAP	ID	UTM ZN	COORDINATES EAST NORTH	SAMP DEPTH TYPE	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
						2NON-CARBONATE CARBON	XCAC03 EQUIV	2NON-CARBONATE CARBON	XCAC03 EQUIV	2NON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	XSCLAY
31015 80AR	398	17	682773 4976241	TO 10	MRBL	.0	.2	NA	NA	NA	NA	60.2	35.0	4.8
31015 80AR	399	17	685718 4979553	TOP10	MRBL	.1	1.3	.1	.3	.1	.3	87.9	11.8	.3
31015 80AR	400	17	682939 4976632	IN 10	MRBL	.1	.9	.0	.2	.0	.2	68.5	29.4	2.1
31015 80AR	401	17	684104 4976354	TO 10	GNSS	.0	.4	.0	.1	.0	.1	71.6	26.1	2.3
31015 80AR	402	17	685107 4976729	F 10	GNSS	.1	1.3	.1	.4	.1	.4	85.1	13.6	1.4
31015 80AR	403	17	687069 4978950	TO 10	GNSS	.1	1.2	.0	.1	.0	.1	67.7	29.3	3.0
31015 80AR	404	17	687511 4979309	TO 10	GNSS	.0	.3	NA	NA	NA	NA	59.3	35.1	5.6
31015 80AR	405	17	687587 4980435	F 10	MRBL	.0	1.2	.0	.2	.0	.2	97.7	1.9	.4
31015 80AR	406	17	689272 4983291	TO 10	GNSS	.1	1.3	.0	.1	.0	.1	60.5	34.4	5.1
31015 80AR	407	17	686800 4975933	TO 10	GNSS	.1	.4	NA	NA	NA	NA	73.6	22.1	4.3
31015 80AR	408	17	687721 4973539	IN 10	GNSS	.0	.2	NA	NA	NA	NA	69.7	24.0	6.3
31015 80AR	409	17	689037 4972897	TO 10	GNSS	.1	1.3	.0	.1	.0	.1	64.8	30.4	4.8
31015 80AR	410	17	687152 4971719	TO 10	GNSS	.0	.8	.0	.3	.0	.3	78.9	19.6	1.5
31015 80AR	411	17	684402 4968603	IN 10	GNSS	.0	.3	.0	.1	.0	.1	59.6	32.6	7.8
31015 80AR	412	17	681576 4971120	TO 10	GNSS	.0	1.3	.0	.2	.0	.2	81.3	16.9	1.9
31015 80AR	413	17	693609 4968930	F 10	MRBL	NA	NA	NA	NA	NA	NA	97.0	2.5	.5
31015 80AR	413	17	693609 4968930	F 10	MRBL	.1	1.6	.0	.4	.0	.4	76.4	20.9	2.7
31015 80AR	415	17	697636 4962143	IN 10	GNSS	.1	.2	.0	.1	.0	.1	NA	NA	NA
31015 80AR	417	17	672073 4957518	FO 10	MSOM	NA	NA	NA	NA	NA	NA	96.4	1.0	2.6
31015 80AR	500	17	677429 4979312	VO 10	MCGL	.0	.5	.2	1.6	.2	1.6	9.2	79.0	11.8
31015 80AR	501	17	676603 4978992	TU 114	GNSS	NA	NA	NA	NA	NA	NA	59.0	32.4	8.7
31015 80AR	501A	17	676603 4978992	TU 015	GNSS	.0	.2	NA	NA	NA	NA	60.1	32.3	7.7
31015 80AR	501B	17	676603 4978992	TU 013	GNSS	.0	.1	.0	.2	.0	.2	59.2	32.2	8.6
31015 80AR	501C	17	676603 4978992	TU 012	GNSS	.0	.3	NA	NA	NA	NA	60.5	32.4	7.1
31015 80AR	501D	17	676603 4978992	TU 011	GNSS	.0	.5	.0	.3	.0	.3	68.3	27.7	4.1
31016 80AR	264	17	709271 4959808	TO 10	AMPB	.1	2.4	.0	.2	.0	.2	77.5	19.9	2.6
31016 80AR	265	17	706882 4970930	FO 10	MGBB	.2	1.6	.1	.1	.1	.1	93.3	5.6	1.1
31016 80AR	266	17	697915 4972196	F 10	GNSS	.1	2.7	.0	.3	.0	.3	99.6	.1	.4
31016 80AR	278	17	728760 4966017	IN 10	AMPB	.0	.3	.0	.1	.0	.1	69.4	24.6	6.0
31016 80AR	279	17	729540 4967124	F 10	AMPB	.3	2.3	.0	.3	.0	.3	96.9	2.6	.5
31016 80AR	283	17	734778 4963139	IN 10	AMPB	.1	1.5	.0	.1	.0	.1	NA	NA	NA
31016 80AR	284	17	728256 4972300	TO 10	AMPB	.1	1.2	.0	.2	.0	.2	92.1	6.6	1.3
31016 80AR	285	17	730624 4977531	TO 10	MRBL	.2	.8	.1	.5	.1	.5	58.4	33.6	8.0
31016 80AR	286	17	730375 4978114	F 10	MRBL	.6	5.8	.1	2.8	.1	2.8	95.2	3.6	1.2
31016 80AR	287	17	729220 4979894	IN 10	MRBL	.1	.6	NA	NA	NA	NA	77.0	21.1	1.9
31016 80AR	288	17	718522 4984598	F 10	GNSS	.1	2.7	.0	.1	.0	.1	98.6	.7	.7
31016 80AR	289	17	716445 4983952	TO 10	SYNT	.0	.6	.1	.1	.1	.1	76.2	21.7	2.1
31016 80AR	290	17	714247 4984535	TO 10	MRBL	.1	.3	NA	NA	NA	NA	78.9	18.8	2.4
31016 80AR	325	17	705111 4978610	TO 10	GRNT	.1	4.3	.1	1.5	.1	1.5	72.8	25.2	2.0
31016 80AR	326	17	708250 4976067	F 10	MRBL	.3	4.8	.1	.4	.1	.4	99.0	.4	.6
31016 80AR	327	17	710426 4978552	TO 10	GRNT	.1	.6	.0	.1	.0	.1	59.2	31.2	9.6
31016 80AR	418	17	708352 4982147	TO 10	MRBL	.1	1.3	.0	.2	.0	.2	69.4	27.4	3.3
31016 80AR	419	17	712049 4978939	TO 10	GRNT	.0	.1	NA	NA	NA	NA	55.8	38.9	5.3
31016 80AR	420	17	718228 4979804	TOP10	GNSS	.1	2.2	.0	.4	.0	.4	65.0	31.8	3.2
31016 80AR	461	17	734322 4983755	TO 10	MRBL	.2	.7	.0	.1	.0	.1	81.6	15.1	3.4
31016 80AR	462	17	734063 4983085	IN 10	MRBL	.1	.6	NA	NA	NA	NA	74.5	20.0	5.5
31016 80AR	463	17	736582 4983100	TO 10	GNSS	.1	2.2	.0	.3	.0	.3	72.7	24.9	2.5
31016 80AR	291	17	703279 4990553	F 10	GNSS	.3	6.4	.0	.6	.0	.6	98.7	.7	.7
31016 80AR	292	17	701957 4989978	F 10	MRBL	.2	2.3	.0	.3	.0	.3	98.3	1.1	.6
31016 80AR	293	17	697351 4993319	TOP10	GNSS	.1	2.3	.0	.2	.0	.2	74.2	23.2	2.6

MAP	ID	UTM		COORDINATES		SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
		ZN	EAST	NORTH	SAMP TYPE			NON-CARBONATE CARBON	EQUIV	NON-CARBONATE CARBON	EQUIV	XSAND	XSILT
31E01	80AR	294	17 704205	4998055	F 10	2.00	GNSS	.0	.3	.0	.2	93.3	6.2
31E01	80AR	295	17 704435	4999086	F 10		MRBL	NA	NA	.1	1.3	98.7	.8
31E01	80AR	296	17 702032	5005552	T0 10	3.00	GNSS	.0	.7	.0	.2	82.3	16.6
31E01	80AR	297	17 699855	5004549	F 10		GNSS	.1	1.3	.0	.2	98.8	.6
31E01	80AR	297A	17 699855	5004549	F 00	1.00	GNSS	.4	6.8	.0	.8	98.6	.7
31E01	80AR	298	17 698354	5004824	TN 013	4.50	GNSS	.1	.9	.0	.1	80.9	17.8
31E01	80AR	298A	17 698354	5004824	TU 112	3.50	GNSS	.0	.5	NA	NA	75.7	22.8
31E01	80AR	298B	17 698354	5004824	TU 011	2.50	GNSS	.0	.3	.0	.1	78.3	20.3
31E01	80AR	300	17 702357	5006706	F 10	2.50	GNSS	.2	3.8	.1	.9	89.5	8.6
31E01	80AR	301	17 705367	5012515	C0 10		GNSS	.1	1.8	.0	.5	89.7	9.2
31E01	80AR	302	17 704713	5011947	F0P10		GNSS	NA	NA	NA	NA	NA	NA
31E01	80AR	303	17 704062	5010274	TN 10	3.00	GNSS	.1	.8	.0	.3	88.0	10.6
31E01	80AR	304	17 702683	5011147	T0 10	2.00	GNSS	.1	.9	.0	.3	NA	NA
31E01	80AR	305	17 702921	5005341	TN 10		GNSS	.0	.8	.0	.1	77.0	21.7
31E01	80AR	341	17 704731	4991345	T0 10		GNSS	.0	.1	.0	.2	74.4	22.2
31E01	80AR	342	17 706353	4993779	T0 10	1.00	GNSS	.1	1.3	.0	.1	74.5	23.2
31E01	80AR	343	17 705857	4993153	T0 10		GNSS	.1	2.4	.1	.7	72.4	26.9
31E01	80AR	344	17 710039	4990314	F0 11		AMPB	NA	NA	.2	2.1	94.8	4.0
31E01	80AR	345	17 709104	4987421	T0 10		GRNT	.1	1.5	.0	.3	75.0	23.6
31E01	80AR	346	17 717556	4989536	T0 10		MRBL	.0	.3	NA	NA	74.6	22.0
31E01	80AR	347	17 718817	4992243	T0 10		MRBL	.1	.6	NA	NA	68.5	27.6
31E01	80AR	348	17 716642	4994215	T0 10		MRBL	.1	1.8	.0	.4	78.3	20.5
31E01	80AR	349	17 716333	4994355	F 10		GNSS	.0	.6	.0	.1	95.1	4.3
31E01	80AR	350	17 719500	4993150	F 10		MRBL	.1	3.5	.0	.3	98.1	1.4
31E01	80AR	351	17 721341	4993573	F 10		SYNT	.2	.7	.1	.2	91.8	7.2
31E01	80AR	352	17 722477	4993989	F 10		SYNT	.1	1.7	.0	.1	85.9	13.5
31E01	80AR	353	17 723869	4994367	TN 10	1.00	AMPB	.1	.0	NA	NA	70.8	24.4
31E01	80AR	354	17 730396	4996456	T0 10		MRBL	.1	2.1	.0	.2	73.9	24.3
31E01	80AR	355	17 730823	4996715	TN 10		AMPB	.0	.4	NA	NA	72.2	24.6
31E01	80AR	356	17 734342	4994825	T0 10		MRBL	.1	1.4	NA	NA	73.6	21.8
31E01	80AR	357	17 729720	4993512	F 10		SYNT	.0	.3	.0	.4	85.2	12.6
31E01	80AR	358	17 729274	4994721	T0 10		GNSS	.1	1.3	NA	NA	79.0	19.0
31E01	80AR	359	17 724636	5000886	TN 10		GNSS	.1	1.0	NA	NA	71.9	24.6
31E01	80AR	360	17 726055	4996778	T0 10		MRBL	NA	NA	NA	NA	77.8	20.6
31E01	80AR	361	17 723037	4995283	F0P10		AMPB	.6	3.0	.1	1.0	90.0	8.2
31E01	80AR	362	17 715466	5000671	F 10		GNSS	.3	4.2	.0	1.3	69.2	26.4
31E01	80AR	363	17 723153	5002541	TN 10		GNSS	.0	.3	NA	NA	70.8	25.7
31E01	80AR	364	17 723909	5003715	F 10		MRBL	.1	1.7	.0	.8	NA	NA
31E01	80AR	365	17 721428	5006523	TN 10	1.00	GNSS	.1	1.1	.0	.1	57.0	38.9
31E01	80AR	366	17 720299	5006313	T0 10		GNSS	.0	.8	.0	.3	72.3	24.9
31E01	80AR	367	17 718190	5006340	F 10		GNSS	.1	1.1	.0	.2	99.2	.6
31E01	80AR	368	17 719209	5005913	T0P10		GNSS	.0	.6	.0	.3	71.8	25.6
31E01	80AR	442	17 731753	5009853	TN 10		GNSS	.1	2.7	.0	.2	73.1	25.5
31E01	80AR	443	17 728449	5008995	T0 10		GNSS	.1	1.0	.0	.3	74.9	20.5
31E01	80AR	444	17 727448	5008170	TN 10		GNSS	.0	.6	NA	NA	67.8	29.4
31E01	80AR	455	17 730702	5003094	F 10		GNSS	.1	.3	.0	.3	82.2	15.5
31E01	80AR	456	17 731341	5003460	TN 10		GNSS	.0	.1	.0	.1	70.5	24.1
31E01	80AR	457	17 731651	5005013	TN 10		GNSS	.1	.6	.0	.3	82.8	16.3
31E01	80AR	458	17 732821	5006131	TN 10		GNSS	.0	.1	NA	NA	69.8	26.7
31E02	80AR	299	17 694009	4998232	T0 10		GRNT	.1	1.3	.0	.3	62.0	32.4
													5.6

MAP	ID	UTM ZN	COORDINATES EAST	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							2NON-CARBONATE CARBON	XCAC03 EQUIV	2NON-CARBONATE CARBON	XCAC03 EQUIV	2NON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	2CLAY
31E02	80AR	306	17 695258	4999820	F	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	71.1	26.8	2.1
31E02	80AR	307	17 694412	4999137	F	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	98.9	7.7	0.5
31E02	80AR	308	17 691900	4999061	F	10	0.5	MRBL	0.5	MRBL	0.5	MRBL	95.8	2.3	2.0
31E02	80AR	309	17 690291	5000926	F	10	1.1	GNSS	1.1	GNSS	1.1	GNSS	99.2	0.5	0.3
31E02	80AR	309A	17 690291	5000926	TU	00	0.0	GNSS	0.0	GNSS	0.0	GNSS	74.2	21.9	3.9
31E02	80AR	310	17 690851	5001381	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	96.9	2.4	0.7
31E02	80AR	311	17 691289	5002965	TU	00	0.0	GNSS	0.0	GNSS	0.0	GNSS	84.5	14.1	1.4
31E02	80AR	311A	17 691289	5002965	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	82.7	15.6	1.6
31E02	80AR	312	17 688500	5005312	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	68.5	30.3	1.2
31E02	80AR	313	17 688868	5006977	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	67.7	30.9	1.4
31E02	80AR	314	17 689154	5008215	TU	112	0.0	GNSS	0.0	GNSS	0.0	GNSS	61.5	32.5	6.0
31E02	80AR	314A	17 689154	5008215	TU	011	0.0	GNSS	0.0	GNSS	0.0	GNSS	63.5	32.3	4.2
31E02	80AR	315	17 692075	4988431	F	012	0.0	GNSS	0.0	GNSS	0.0	GNSS	99.3	2.3	0.4
31E02	80AR	315A	17 692075	4988431	F	111	0.0	GNSS	0.0	GNSS	0.0	GNSS	98.9	0.5	0.5
31E02	80AR	316	17 688316	4989996	F	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	98.9	0.5	0.6
31E02	80AR	317	17 686643	4988122	TU	10	0.0	GRNT	0.0	GRNT	0.0	GRNT	77.7	19.5	2.7
31E02	80AR	318	17 688151	4986174	TU	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	77.9	20.5	1.6
31E02	80AR	323	17 693656	4986221	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	62.6	32.0	5.4
31E02	80AR	324	17 695605	4989895	F	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	76.4	20.0	3.7
31E02	80AR	328	17 686193	4999470	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	98.7	0.6	0.7
31E02	80AR	329	17 685431	4999085	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	98.3	1.3	0.5
31E02	80AR	330	17 679096	5000139	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	83.0	13.3	3.8
31E02	80AR	331	17 671971	4997833	TU	10	0.0	GRNT	0.0	GRNT	0.0	GRNT	79.4	18.6	2.0
31E02	80AR	332	17 664760	5011000	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	73.2	25.1	1.8
31E02	80AR	333	17 659980	5008355	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	84.1	13.5	2.4
31E02	80AR	334	17 664016	5010524	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	92.8	5.9	1.3
31E02	80AR	335	17 665650	5008373	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	75.2	22.6	2.2
31E02	80AR	336	17 675878	4990253	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	63.7	33.5	2.9
31E02	80AR	337	17 676253	4989834	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	57.1	32.1	10.8
31E02	80AR	337A	17 676253	4989834	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	56.3	30.5	13.2
31E02	80AR	338	17 677886	4989324	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	72.8	15.7	11.6
31E02	80AR	339	17 684550	4993598	TU	10	0.0	MRBL	0.0	MRBL	0.0	MRBL	71.0	27.0	2.0
31E02	80AR	340	17 685144	4996605	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	91.7	6.9	1.5
31E02	80AR	375	17 677886	4989324	TU	11	0.0	GNSS	0.0	GNSS	0.0	GNSS	63.7	31.2	5.1
31E02	80AR	375A	17 677886	4989324	TU	01	0.0	GNSS	0.0	GNSS	0.0	GNSS	39.8	49.6	10.6
31E02	80AR	376	17 677473	4993807	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	79.4	18.6	2.0
31E02	80AR	377	17 676363	4995903	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	58.0	27.5	14.5
31E02	80AR	378	17 660845	4989238	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	65.6	33.2	1.2
31E02	80AR	379	17 658613	4990153	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	66.7	32.7	0.6
31E02	80AR	380	17 659267	4993952	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	84.7	14.5	0.8
31E02	80AR	381	17 668105	4998269	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	99.3	0.4	0.3
31E02	80AR	502	17 676583	4987952	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	80.3	17.4	2.3
31E02	80AR	503	17 688430	4998371	TU	11	0.0	MRBL	0.0	MRBL	0.0	MRBL	70.4	27.5	2.0
31E02	80AR	503A	17 688430	4998371	TU	01	0.0	MRBL	0.0	MRBL	0.0	MRBL	9.0	81.2	9.8
31E02	80AR	504	17 688485	5011267	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	70.5	26.6	2.9
31E02	80AR	505	17 685509	5010421	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	98.8	0.7	0.5
31E02	80AR	506	17 688748	5013275	F	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	51.6	48.1	0.3
31E02	80AR	507	17 688800	5009844	TU	10	0.0	GNSS	0.0	GNSS	0.0	GNSS	74.2	23.8	2.1
31E02	80AR	508	17 695160	4992422	TU	11	0.0	GNSS	0.0	GNSS	0.0	GNSS	65.1	32.3	2.7
31E02	80AR	508A	17 695160	4992422	TU	01	0.0	GNSS	0.0	GNSS	0.0	GNSS	70.4	26.8	2.8

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SILT PLUS CLAY-SIZED FRACT XNON-CARBONATE EQUIV
FINE SAND-SIZED FRACT XNON-CARBONATE EQUIV
L.T. 2MM FRACTION XSAND XSILT XCLAY

UTM ZN EAST COORDINATES SAMP DEPTH BORK TYPE

HAP	ID	UTM ZN	EAST	COORDINATES	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT XNON-CARBONATE EQUIV	FINE SAND-SIZED FRACT XNON-CARBONATE EQUIV	L.T. 2MM FRACTION XSAND XSILT XCLAY
31E02	81KAR 408	17	662040	5010390	T 10		GNSS	.2	1.8	NA NA NA
31E02	81KAR 409	17	661160	5001200	F 10		GNSS	.2	1.4	NA NA NA
31E02	81KAR 441	17	657550	5003380	T 10		GNSS	.1	1.0	NA NA NA
31E03	81KAR 347	17	651475	5011800	T 10		GNSS	.1	1.0	78.5 20.2 1.3
31E03	81KAR 348	17	649030	5009600	VU 013		GNSS	.1	1.9	NA NA NA
31E03	81KAR 348A	17	649030	5009600	T 112		GNSS	2.5	3.0	97.3 1.8 1.0
31E03	81KAR 348B	17	649030	5009600	F 011		GNSS	.8	1.5	NA NA NA
31E03	81KAR 349	17	631780	5007770	TN 10		GNSS	.1	1.6	NA NA NA
31E03	81KAR 350	17	629500	5006050	T 10		GNSS	.1	2.0	84.6 14.1 1.3
31E03	81KAR 351	17	628790	5005750	FU 10		GNSS	.0	.5	NA NA NA
31E03	81KAR 352	17	626340	5004320	VU 113		GNSS	.0	.1	NA NA NA
31E03	81KAR 352A	17	626340	5004320	F 012		GNSS	.1	.8	NA NA NA
31E03	81KAR 352B	17	626340	5004320	F 011		GNSS	.1	.4	NA NA NA
31E03	81KAR 353	17	625070	5007260	F 10		GNSS	2.8	9.2	NA NA NA
31E03	81KAR 354	17	623450	5006250	F 10		GNSS	.1	.1	NA NA NA
31E03	81KAR 355	17	623610	5006580	V 10		GNSS	.2	.8	NA NA NA
31E03	81KAR 356	17	621590	5005950	F 10		GNSS	.1	1.0	NA NA NA
31E03	81KAR 357	17	621030	5005600	F 10		GNSS	.1	.8	NA NA NA
31E03	81KAR 358	17	620850	5006310	TN 11		GNSS	.1	25.3	NA NA NA
31E03	81KAR 358A	17	620850	5006310	TN 01		GNSS	.1	24.1	NA NA NA
31E03	81KAR 358B	17	620850	5006310	F 01		GNSS	.0	.2	NA NA NA
31E03	81KAR 359	17	621490	5006060	F 112		GNSS	.1	1.6	NA NA NA
31E03	81KAR 359A	17	621490	5006060	F 011		GNSS	.2	2.0	NA NA NA
31E03	81KAR 360	17	622660	5007210	F 10		GNSS	.9	4.3	NA NA NA
31E03	81KAR 361	17	622640	5007790	TN 10		GNSS	.1	3.4	NA NA NA
31E03	81KAR 362	17	619020	5008840	F 10		GNSS	.4	2.7	NA NA NA
31E03	81KAR 363	17	634280	4994060	F 10		GNSS	.1	.2	NA NA NA
31E03	81KAR 364	17	638140	4995890	F 10		GNSS	.1	3.5	NA NA NA
31E03	81KAR 365	17	637430	4996130	T 10		GNSS	2.7	5.8	NA NA NA
31E03	81KAR 366	17	643110	5000560	F 10		GNSS	1.8	8.8	NA NA NA
31E03	81KAR 367	17	647650	4997550	F 10		GNSS	2.2	9.2	NA NA NA
31E03	81KAR 368	17	648800	5000390	F 10		GNSS	.1	1.5	NA NA NA
31E03	81KAR 369	17	648360	5003600	T 10		GNSS	.1	2.1	NA NA NA
31E03	81KAR 370	17	646260	5001480	TN 10		GNSS	.1	1.2	75.0 23.9 1.1
31E03	81KAR 371	17	646210	5003610	T 10		GNSS	.1	2.7	68.2 28.4 3.4
31E03	81KAR 372	17	647160	5005740	T 10		GNSS	.1	.8	NA NA NA
31E03	81KAR 372A	17	647160	5005740	T 01		GNSS	.1	.9	NA NA NA
31E03	81KAR 373	17	646400	5007020	TN 112	1.75	GNSS	.1	2.1	71.1 27.4 1.5
31E03	81KAR 374	17	631910	5002610	F 01		GNSS	2.0	2.8	NA NA NA
31E03	81KAR 374A	17	631910	5002610	F 01		GNSS	.0	1.3	NA NA NA
31E03	81KAR 375	17	628600	4998400	A 10		GNSS	1.1	11.7	NA NA NA
31E03	81KAR 376	17	624870	5000700	F 10		GNSS	.1	1.2	92.5 6.6 .9
31E03	81KAR 377	17	628270	5002000	F 10		GNSS	.1	3.9	NA NA NA
31E03	81KAR 378	17	625910	5003440	F 10		GNSS	.1	1.9	NA NA NA
31E03	81KAR 379	17	635660	5008090	F 10		GNSS	.1	1.0	NA NA NA
31E03	81KAR 380	17	635010	5006830	VU 10		GNSS	.1	.2	NA NA NA
31E03	81KAR 381	17	635150	5007150	F 10		GNSS	.1	.6	NA NA NA
31E03	81KAR 382	17	637990	5006980	T 10		GNSS	.2	2.5	66.2 30.8 3.0
31E03	81KAR 383	17	638550	5005780	T 10		GNSS	.3	4.5	NA NA NA
31E03	81KAR 384	17	639220	5006300	TU 113	3.00	GNSS	.1	.6	NA NA NA

MAP ID UTM ZN COORDINATES SAMP NORTH SAMP DEPTH SAMP BORK TYPE SILT PLUS CLAY-SIZED FRACT XN-CN-CARBONATE EQUIV FINE SAND-SIZED FRACT XN-CN-CARBONATE EQUIV L.T. 2MM FRACTION X SAND X SILT X CLAY

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31E03 81KAR 384A	17 639220	5006300	TU 012	1.50	GNSS	.1	.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 384B	17 639220	5006300	TU 011	.50	GNSS	.1	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 385	17 636460	5005620	TU 10		GNSS	.1	.8	NA	NA	NA	NA	70.3	27.6	2.1	NA	NA	NA	NA	NA
31E03 81KAR 386	17 636740	5004860	VU 10		GNSS	.1	.2	NA	NA	NA	NA	1.3	82.5	16.2	NA	NA	NA	NA	NA
31E03 81KAR 387	17 636810	5003110	TU 10		GNSS	.1	1.6	NA	NA	NA	NA	45.6	52.4	2.1	NA	NA	NA	NA	NA
31E03 81KAR 388	17 633550	5002160	VU 10		GNSS	.1	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 389	17 625410	5005230	TU 10		GNSS	.1	.9	NA	NA	NA	NA	64.3	34.1	1.6	NA	NA	NA	NA	NA
31E03 81KAR 390	17 623190	5008750	F 10		GNSS	.1	.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 391	17 621190	5009760	F 10		LMST	.4	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 392	17 621740	5009560	AD 10		GNSS	.7	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 393	17 622840	5009600	AD 10		GNSS	.2	.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 394	17 622630	5008560	AD 10		GNSS	.9	7.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 395	17 620320	5008780	TU 10		GNSS	.2	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 396	17 619560	5006100	TU 10		GNSS	2.0	5.1	NA	NA	NA	NA	67.2	29.0	3.8	NA	NA	NA	NA	NA
31E03 81KAR 397	17 618560	5007330	FU 10		GNSS	.1	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 398	17 621490	5007380	F 10		GNSS	.5	31.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 399	17 622280	5007490	AD 10		GNSS	.7	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 419	17 641020	5011170	TU 10		GNSS	.1	2.6	NA	NA	NA	NA	74.4	24.0	1.6	NA	NA	NA	NA	NA
31E03 81KAR 422	17 638160	5010060	TU 10		GNSS	.1	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 425	17 637730	4987730	VU 11		GNSS	.1	.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 425A	17 637730	4987730	FU 01		GNSS	.1	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 426	17 649850	4990900	TN 10		GNSS	.1	1.6	NA	NA	NA	NA	76.2	22.5	1.2	NA	NA	NA	NA	NA
31E03 81KAR 427	17 646450	4992770	F 10		GNSS	.2	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 428	17 642540	4992930	TU 014		GNSS	.1	.7	NA	NA	NA	NA	70.6	12.8	16.6	NA	NA	NA	NA	NA
31E03 81KAR 428A	17 642540	4992930	TU 013		GNSS	.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 428B	17 642540	4992930	TN 112		GNSS	.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 428C	17 642540	4992930	CO 011		GNSS	.7	8.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 429	17 640130	4989230	TN 10		GNSS	.1	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 430	17 639525	4989230	TU 112	3.00	GNSS	.0	1.0	NA	NA	NA	NA	69.7	27.5	2.8	NA	NA	NA	NA	NA
31E03 81KAR 430A	17 639525	4989230	F 011		GNSS	.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 431	17 629340	4990275	TU 10		GNSS	.1	2.3	NA	NA	NA	NA	69.7	26.7	3.6	NA	NA	NA	NA	NA
31E03 81KAR 432	17 628110	4993300	F 10		GNSS	.1	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 433	17 623430	4994700	F 10		GNSS	.1	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 434	17 621550	4993930	FU 10		GNSS	.1	2.1	NA	NA	NA	NA	81.3	17.8	.9	NA	NA	NA	NA	NA
31E03 81KAR 435	17 620100	4992720	FU 10		GNSS	.1	.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 436	17 625160	4991250	FU 10		GNSS	.1	1.5	NA	NA	NA	NA	88.5	10.0	1.5	NA	NA	NA	NA	NA
31E03 81KAR 437	17 649890	5001870	TU 112	1.50	GNSS	.1	1.9	NA	NA	NA	NA	70.9	27.1	2.0	NA	NA	NA	NA	NA
31E03 81KAR 437A	17 649890	5001870	TU 011	.75	GNSS	.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 438	17 650100	4999890	TU 10		GNSS	.1	2.7	NA	NA	NA	NA	72.0	25.9	2.0	NA	NA	NA	NA	NA
31E03 81KAR 439	17 650825	5000650	TN 11		GNSS	.1	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 439A	17 650825	5000650	TU 01		GNSS	1.5	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 440	17 652460	5002900	TU 112	2.25	GNSS	.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 440A	17 652460	5002900	TU 011	1.00	GNSS	.2	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 442	17 656350	5003950	TN 10		GNSS	.1	1.6	NA	NA	NA	NA	67.9	29.4	2.7	NA	NA	NA	NA	NA
31E03 81KAR 443	17 656500	5010500	TN 112	3.00	GNSS	.1	.3	NA	NA	NA	NA	81.7	17.6	.8	NA	NA	NA	NA	NA
31E03 81KAR 443A	17 656500	5010500	TN 011	1.50	GNSS	.1	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 444	17 650700	5004500	TU 10		GNSS	.1	3.6	NA	NA	NA	NA	84.9	14.2	.9	NA	NA	NA	NA	NA
31E03 81KAR 445	17 650900	5005600	TU 10		GNSS	.1	1.8	NA	NA	NA	NA	74.5	22.6	2.9	NA	NA	NA	NA	NA
31E03 81KAR 446	17 654160	5007860	F 10		GNSS	.0	.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E03 81KAR 447	17 635750	4998250	TU 10		GNSS	.6	1.8	NA	NA	NA	NA	86.6	12.8	.7	NA	NA	NA	NA	NA

MAP	ID	UTM		COORDINATES		SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
		ZN	EAST	NORTH	SAMP TYPE			%NON-CARBONATE CARBON	%CACO3 EQUIV	%NON-CARBONATE CARBON	%CACO3 EQUIV	%SAND	%SILT %CLAY
31E03	81KAR 448	17	632775	4994000	TU 10		GNSS	.2	2.8	NA	NA	74.7	22.8 2.5
31E03	81KAR 449	17	631775	4993500	VU 10		GNSS	.1	1.3	NA	NA	NA	NA
31E03	81KAR 450	17	635275	4992660	TU 10		GNSS	.1	1.3	NA	NA	73.4	23.2 3.5
31E03	81KAR 451	17	622150	5004410	VU 10		GNSS	.2	.3	NA	NA	NA	NA
31E03	81KAR 452	17	623850	5005480	VU 10		GNSS	.0	.2	NA	NA	NA	NA
31E03	81KAR 453	17	620750	5001300	VU 10		GNSS	.1	.1	NA	NA	NA	NA
31E03	81KAR 454	17	619640	5004910	VU 10		GNSS	.2	.3	NA	NA	6.3	36.9 56.9
31E03	81KAR 455	17	619360	5003700	F 10		GNSS	.1	5.2	NA	NA	NA	NA
31E03	81KAR 456	17	619375	5003790	TU 10		GNSS	.1	1.2	NA	NA	NA	NA
31E03	81KAR 457	17	619290	5001800	TU 10		GNSS	.1	2.1	NA	NA	76.4	20.6 3.0
31E03	81KAR 458	17	619650	5001400	VU 10		GNSS	.2	1.2	NA	NA	NA	NA
31E03	81KAR 459	17	620150	4997050	F 10		GNSS	.1	.4	NA	NA	NA	NA
31E03	81KAR 460	17	621510	4995920	TU 10		GNSS	.1	4.1	NA	NA	83.7	14.4 1.9
31E03	81KAR 461	17	622240	4997600	VU 10		GNSS	.1	.2	NA	NA	NA	NA
31E03	81KAR 462	17	623300	4998050	F 10		GNSS	.1	2.9	NA	NA	NA	NA
31E03	81KAR 463	17	626500	4985480	VU 10		GNSS	.1	1.0	NA	NA	NA	NA
31E03	81KAR 472	17	654720	4989375	TU 10		GNSS	.8	7.6	NA	NA	70.2	26.6 3.2
31E03	81KAR 473	17	654810	4987600	TU 10		GNSS	.1	2.5	NA	NA	85.2	14.2 .6
31E03	81KAR 477	17	646450	4984450	TU 10		GNSS	.1	3.2	NA	NA	NA	NA
31E03	81KAR 507	17	645000	4954450	F 10		GNSS	.4	4.3	NA	NA	99.1	.3 .6
31E06	81KAR 218	17	636900	5022740	TN 112		GNSS	.1	1.2	NA	NA	NA	NA
31E06	81KAR 218A	17	636900	5022740	VU 011		GNSS	.1	.3	NA	NA	NA	NA
31E06	81KAR 219	17	636650	5023190	TU 10		GNSS	.1	.3	NA	NA	NA	NA
31E06	81KAR 220	17	639350	5021250	TU 113	3.50	GNSS	.2	1.3	NA	NA	NA	NA
31E06	81KAR 220A	17	639350	5021250	TU 012	1.75	GNSS	.1	1.4	NA	NA	NA	NA
31E06	81KAR 220B	17	639350	5021250	TU 011	.50	GNSS	.1	.6	NA	NA	NA	NA
31E06	81KAR 221	17	637830	5022000	TN 1		GNSS	.4	3.6	NA	NA	NA	NA
31E06	81KAR 222	17	636000	5023890	FU 10		GNSS	1.5	2.1	NA	NA	NA	NA
31E06	81KAR 223	17	633370	5022620	VU 10		GNSS	.1	.4	NA	NA	NA	NA
31E06	81KAR 224	17	633510	5022200	TN 10		GNSS	.9	2.0	NA	NA	NA	NA
31E06	81KAR 225	17	634860	5023750	TN 10		GNSS	.1	2.6	NA	NA	NA	NA
31E06	81KAR 226	17	634780	5028750	FN 10		GNSS	.1	2.4	NA	NA	NA	NA
31E06	81KAR 227	17	633950	5026000	TU 10		GNSS	.1	2.3	NA	NA	NA	NA
31E06	81KAR 228	17	634800	5024530	TN 10		GNSS	.2	2.8	NA	NA	NA	NA
31E06	81KAR 229	17	629850	5024500	TN 10		GNSS	.2	2.7	NA	NA	NA	NA
31E06	81KAR 230	17	629470	5028450	TN 10		GNSS	.1	1.2	NA	NA	NA	NA
31E06	81KAR 231	17	640450	5022450	TU 10		GNSS	.8	2.2	NA	NA	NA	NA
31E06	81KAR 232	17	639150	5021880	TU 10		GNSS	.1	1.2	NA	NA	74.9	23.0 2.2
31E06	81KAR 233	17	626410	5026470	TU 10		GNSS	.8	3.8	NA	NA	76.5	21.2 2.3
31E06	81KAR 234	17	629700	5023880	TU 112		GNSS	.1	.8	NA	NA	NA	NA
31E06	81KAR 234A	17	629700	5023880	VU 011		GNSS	.1	1.9	NA	NA	NA	NA
31E06	81KAR 235	17	630450	5022150	TU 115	8.00	GNSS	.0	.4	NA	NA	83.8	13.7 2.5
31E06	81KAR 235A	17	630450	5022150	VU 014	4.00	GNSS	.1	.3	NA	NA	6.3	52.9 40.8
31E06	81KAR 235B	17	630450	5022150	TU 013	4.25	GNSS	.2	.6	NA	NA	75.5	7.9 16.6
31E06	81KAR 235C	17	630450	5022150	TN 012	5.00	GNSS	NA	NA	NA	NA	76.3	20.5 3.2
31E06	81KAR 235D	17	630450	5022150	VU 011	6.75	GNSS	.1	.3	NA	NA	.2	49.6 50.2
31E06	81KAR 236	17	630300	5022650	TU 10		GNSS	.2	2.1	NA	NA	67.7	21.1 11.2
31E06	81KAR 237	17	630480	5023230	TU 112	6.50	GNSS	.1	1.0	NA	NA	69.6	27.3 3.2
31E06	81KAR 237A	17	630480	5023230	TU 011	5.00	GNSS	.1	.6	NA	NA	NA	NA
31E06	81KAR 238	17	629700	5020210	FN 01		GNSS	.1	1.2	NA	NA	NA	NA

MAP	ID	UTM		COORDINATES		SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION		
		ZN	EAST	NORTH	SAMP				ZNON-CARBONATE CARBON	XCAC03 EQUIV	ZNON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	XCCLAY
31E06	81KAR 239	17	629830	5020110	TU 10			GNSS	.1	1.0	NA	NA	70.3	26.0	3.7
31E06	81KAR 240	17	638550	5022580	FN 10			GNSS	.2	1.7	NA	NA	NA	NA	NA
31E06	81KAR 241	17	640550	5027890	FD 10			GNSS	.2	1.9	NA	NA	NA	NA	NA
31E06	81KAR 242	17	638850	5026990	TU 10			GNSS	.1	1.8	NA	NA	NA	NA	NA
31E06	81KAR 243	17	635440	5029170	TU 10			GNSS	.1	1.8	NA	NA	NA	NA	NA
31E06	81KAR 244	17	636450	5029550	TU 10			GNSS	.2	1.9	NA	NA	NA	NA	NA
31E06	81KAR 245	17	636250	5030760	FN 10			GNSS	.2	1.9	NA	NA	NA	NA	NA
31E06	81KAR 246	17	641940	5025230	FN 10			GNSS	.1	1.7	NA	NA	NA	NA	NA
31E06	81KAR 247	17	644310	5027180	TU 10			GNSS	.1	1.1	NA	NA	NA	NA	NA
31E06	81KAR 248	17	643300	5029650	TU 10			GNSS	.4	4.7	NA	NA	NA	NA	NA
31E06	81KAR 249	17	643750	5028850	TU 10			GNSS	.1	1.7	NA	NA	NA	NA	NA
31E06	81KAR 250	17	644330	5027580	TU 10			GNSS	.2	.1	NA	NA	NA	NA	NA
31E06	81KAR 251	17	646200	5025830	TU 10			GNSS	.1	1.7	NA	NA	NA	NA	NA
31E06	81KAR 252	17	626690	5029160	TU 112	2.00		GNSS	.1	.5	NA	NA	78.2	20.1	1.7
31E06	81KAR 252A	17	626690	5029160	TU 011	1.25		GNSS	.1	1.1	NA	NA	NA	NA	NA
31E06	81KAR 253	17	623320	5030680	TU 10			GNSS	.1	1.9	NA	NA	NA	NA	NA
31E06	81KAR 254	17	624930	5031150	TU 10			GNSS	.1	2.3	NA	NA	NA	NA	NA
31E06	81KAR 255	17	622300	5032980	TU 10			GNSS	.2	3.6	NA	NA	76.8	21.1	2.1
31E06	81KAR 256	17	621500	5035410	FN 10			GNSS	.1	1.9	NA	NA	NA	NA	NA
31E06	81KAR 258	17	619700	5027190	FD 10			GNSS	.3	4.8	NA	NA	NA	NA	NA
31E06	81KAR 259	17	617950	5021910	AO 10			GNSS	.1	3.3	NA	NA	NA	NA	NA
31E06	81KAR 260	17	623670	5020760	FD 011			GNSS	NA	NA	NA	NA	NA	NA	NA
31E06	81KAR 260A	17	623670	5020760	TU 112			GNSS	.1	.9	NA	NA	39.5	50.2	10.4
31E06	81KAR 261	17	625720	5018560	TU 10			GNSS	.9	2.3	NA	NA	68.0	27.7	4.3
31E06	81KAR 262	17	619460	5015170	FD 10			GNSS	5.2	5.8	NA	NA	NA	NA	NA
31E06	81KAR 263	17	643500	5022140	TU 10			GNSS	.1	3.3	NA	NA	NA	NA	NA
31E06	81KAR 264A	17	644940	5023410	TN 111			GNSS	.1	.6	NA	NA	NA	NA	NA
31E06	81KAR 265	17	646360	5024840	TN 112	2.50		GNSS	.1	1.0	NA	NA	NA	NA	NA
31E06	81KAR 265A	17	646360	5024840	TN 011	3.50		GNSS	.0	.8	NA	NA	NA	NA	NA
31E06	81KAR 266	17	650320	5026430	TU 112	2.25		GNSS	.0	.6	NA	NA	NA	NA	NA
31E06	81KAR 266A	17	650320	5026430	TU 011	.50		GNSS	.1	1.3	NA	NA	NA	NA	NA
31E06	81KAR 267	17	651560	5031200	FD 10			GNSS	NA	NA	NA	NA	NA	NA	NA
31E06	81KAR 268	17	651670	5030500	TU 10			GNSS	.1	.8	NA	NA	NA	NA	NA
31E06	81KAR 269	17	650280	5024590	TU 10			GNSS	.2	1.0	NA	NA	NA	NA	NA
31E06	81KAR 270	17	653610	5023610	TN 11			GNSS	.1	.6	NA	NA	NA	NA	NA
31E06	81KAR 270A	17	653610	5023610	TU 01			GNSS	.2	.2	NA	NA	NA	NA	NA
31E06	81KAR 272	17	639430	5035110	TU 113			GNSS	.0	.9	NA	NA	70.6	26.2	3.3
31E06	81KAR 272A	17	639430	5035110	TU 012			GNSS	.0	1.1	NA	NA	NA	NA	NA
31E06	81KAR 272B	17	639430	5035110	FD 011			GNSS	NA	NA	NA	NA	NA	NA	NA
31E06	81KAR 272C	17	639430	5035110	TU 01			GNSS	.1	.9	NA	NA	NA	NA	NA
31E06	81KAR 272D	17	639430	5035110	TU 01			GNSS	.1	1.6	NA	NA	NA	NA	NA
31E06	81KAR 273	17	639950	5036400	TU 10			GNSS	.1	1.3	NA	NA	63.5	33.1	3.4
31E06	81KAR 274	17	641230	5038160	TN 012			GNSS	.0	.3	NA	NA	NA	NA	NA
31E06	81KAR 274A	17	641230	5038160	TN 111			GNSS	.1	.9	NA	NA	NA	NA	NA
31E06	81KAR 275	17	633130	5039250	TN 10			GNSS	.9	2.5	NA	NA	76.3	22.0	1.7
31E06	81KAR 276	17	635670	5036100	TN 10			GNSS	.1	1.0	NA	NA	65.0	33.7	1.3
31E06	81KAR 277	17	634520	5035010	TN 10			GNSS	.1	.9	NA	NA	75.8	22.1	2.2
31E06	81KAR 278	17	629120	5037900	TN 10			GNSS	.1	3.3	NA	NA	NA	NA	NA
31E06	81KAR 279	17	626000	5036330	FD 10			GNSS	.1	.9	NA	NA	NA	NA	NA
31E06	81KAR 280	17	627910	5035510	TU 10			GNSS	.6	1.1	NA	NA	NA	NA	NA

MAP	ID	UTM		COORDINATES		SAMP DEPTH	SAMP TYPE	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
		ZN	EAST	NORTH					%NON-CARBONATE CARBON	%CAC03 EQUIV	%NON-CARBONATE CARBON	%CAC03 EQUIV	%SAND	%SILT
31E06	81KAR 281	17	630100	5035670	IN 10			GNSS	.1	1.9	NA	NA	NA	NA
31E06	81KAR 282	17	631580	5032060	FO 10			GNSS	.1	2.3	NA	NA	NA	NA
31E06	81KAR 283	17	633360	5032570	FN 10			GNSS	.1	3.0	NA	NA	NA	NA
31E06	81KAR 284A	17	637520	5018840	TO 013	9.00		GNSS	.1	.3	NA	NA	NA	NA
31E06	81KAR 284B	17	637520	5018840	TO 012	6.00		GNSS	.1	.5	NA	NA	NA	NA
31E06	81KAR 284C	17	637520	5018840	TO 011	2.00		GNSS	2.4	6.0	NA	NA	NA	NA
31E06	81KAR 285	17	630960	5014170	TO 10			GNSS	1.3	2.3	NA	NA	51.1	45.6
31E06	81KAR 286	17	629400	5012640	TO 10			GNSS	.1	3.3	NA	NA	69.1	28.7
31E06	81KAR 287	17	633230	5013150	TO 10			GNSS	.1	3.4	NA	NA	62.3	32.7
31E06	81KAR 288	17	634120	5011950	VO 10			GNSS	.0	.1	NA	NA	82.3	16.5
31E06	81KAR 289	17	636890	5014120	TO 10			GNSS	.1	2.5	NA	NA	NA	1.2
31E06	81KAR 290	17	635890	5013800	FO 012			GNSS	.1	2.3	NA	NA	NA	NA
31E06	81KAR 290A	17	635890	5013800	VU 111			GNSS	.1	.9	NA	NA	NA	NA
31E06	81KAR 291	17	634540	5014630	FO 10			GNSS	.1	1.1	NA	NA	NA	NA
31E06	81KAR 292	17	639250	5019350	TO 10			GNSS	.9	2.8	NA	NA	NA	NA
31E06	81KAR 293	17	643450	5019850	FO 10			GNSS	2.2	4.8	NA	NA	NA	NA
31E06	81KAR 294	17	644470	5019230	TO 10			GNSS	.9	2.5	NA	NA	NA	NA
31E06	81KAR 295	17	645850	5020060	TO 10			GNSS	.2	2.1	NA	NA	73.5	23.2
31E06	81KAR 296	17	644570	5021150	TO 11			GNSS	.2	1.0	NA	NA	37.6	32.1
31E06	81KAR 296A	17	644570	5021150	FO 01			GNSS	NA	NA	NA	NA	NA	30.3
31E06	81KAR 297	17	648000	5020720	IN 10			GNSS	.5	3.9	NA	NA	NA	NA
31E06	81KAR 298	17	650290	5018350	TO 10			GNSS	.1	1.3	NA	NA	72.1	26.5
31E06	81KAR 299	17	650260	5017300	TO 113	3.00		GNSS	.1	.8	NA	NA	74.5	23.3
31E06	81KAR 299A	17	650260	5017300	TO 012	2.00		GNSS	.1	1.4	NA	NA	NA	1.5
31E06	81KAR 299B	17	650260	5017300	TO 011	.50		GNSS	NA	NA	NA	NA	NA	2.3
31E06	81KAR 328	17	654490	5030390	TO 10			GNSS	.2	3.8	NA	NA	80.6	17.7
31E06	81KAR 329	17	654640	5030970	IN 10			GNSS	.1	1.2	NA	NA	NA	1.7
31E06	81KAR 330	17	653840	5033100	FO 10			GNSS	.1	2.6	NA	NA	86.9	11.8
31E06	81KAR 331	17	655590	5031520	TO 10			GNSS	.1	.6	NA	NA	NA	1.3
31E06	81KAR 332	17	649960	5036500	FO 10			GNSS	2.7	6.6	NA	NA	NA	NA
31E06	81KAR 333	17	652420	5036530	F 10			GNSS	NA	NA	NA	NA	NA	NA
31E06	81KAR 334	17	656160	5034430	F 10			GNSS	.1	.9	NA	NA	NA	NA
31E06	81KAR 335	17	660880	5038500	FO 10			GNSS	5.5	7.9	NA	NA	95.7	3.3
31E06	81KAR 336	17	661950	5033120	F 10			GNSS	.1	1.3	NA	NA	NA	1.0
31E06	81KAR 342	17	654300	5025610	F 113			GNSS	.1	3.5	NA	NA	NA	NA
31E06	81KAR 342A	17	654300	5025610	F 012			GNSS	NA	NA	NA	NA	NA	NA
31E06	81KAR 342B	17	654300	5025610	F 011			GNSS	4.3	4.3	NA	NA	NA	NA
31E06	81KAR 343	17	653890	5025290	TO 10			GNSS	.2	3.0	NA	NA	NA	NA
31E06	81KAR 344	17	651900	5018870	TO 10			GNSS	.1	.7	NA	NA	72.7	25.4
31E06	81KAR 345	17	652420	5018160	TO 10			GNSS	.0	.8	NA	NA	NA	2.0
31E06	81KAR 345A	17	652420	5018160	TO 01			GNSS	.1	.9	NA	NA	NA	NA
31E06	81KAR 345B	17	652420	5018160	TO 01			GNSS	.5	4.9	NA	NA	NA	NA
31E06	81KAR 346	17	652560	5019210	FO 10			GNSS	.8	3.7	NA	NA	NA	NA
31E06	81KAR 400	17	656080	5018100	F 10			GNSS	.1	1.8	NA	NA	NA	NA
31E06	81KAR 401	17	655650	5018620	F 10			GNSS	3.3	8.6	NA	NA	NA	NA
31E06	81KAR 404	17	655570	5016770	FO 10			GNSS	.1	1.9	NA	NA	71.9	25.8
31E06	81KAR 405	17	653510	5017260	TO 10			GNSS	.1	.8	NA	NA	NA	2.4
31E06	81KAR 406	17	653230	5013290	TO 10			GNSS	.1	2.5	NA	NA	NA	NA
31E06	81KAR 407	17	654500	5013550	IN 10			GNSS	.1	1.0	NA	NA	NA	NA
31E06	81KAR 412	17	640550	5019470	VU 10			GNSS	.1	2.0	NA	NA	NA	NA

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L.T. 2MM FRACTION
%SAND %SILT %CLAY

MAP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
								%NON-CARBONATE CARBON	%CACO3 EQUIV	%NON-CARBONATE CARBON	%CACO3 EQUIV	%SAND	%SILT	%CLAY		
31E06	81KAR 413	17	639680	5017310	TU 10		GNSS	.1	.4	NA	NA	75.6	22.6	1.8		
31E06	81KAR 414	17	639790	5014950	TN 112		GNSS	.1	1.8	NA	NA	81.9	15.7	2.4		
31E06	81KAR 414A	17	639790	5014950	VU 011		GNSS	.1	.6	NA	NA	NA	NA	NA		
31E06	81KAR 415	17	648000	5016290	TN 10		GNSS	.1	2.1	NA	NA	75.8	23.1	1.1		
31E06	81KAR 416	17	648800	5016630	TU 10		GNSS	.1	.3	NA	NA	NA	NA	NA		
31E06	81KAR 417	17	644400	5014710	TN 10		GNSS	.1	1.4	NA	NA	72.3	25.6	2.1		
31E06	81KAR 418	17	641760	5013660	FU 10		GNSS	.1	2.3	NA	NA	NA	NA	NA		
31E06	81KAR 420	17	639120	5013140	TU 10		GNSS	.1	.6	NA	NA	NA	NA	NA		
31E06	81KAR 421	17	639300	5012740	TU 012		GNSS	.1	1.2	NA	NA	NA	NA	NA		
31E06	81KAR 421A	17	639300	5012740	FU 111		GNSS	.7	3.3	NA	NA	NA	NA	NA		
31E06	81KAR 423	17	630480	5023230	TU 016	3.00	GNSS	.1	.3	NA	NA	60.6	36.2	3.3		
31E06	81KAR 423A	17	630480	5023230	TU 115	2.50	GNSS	.1	.6	NA	NA	NA	NA	NA		
31E06	81KAR 423B	17	630480	5023230	TU 014	2.00	GNSS	.1	.7	NA	NA	NA	NA	NA		
31E06	81KAR 423C	17	630480	5023230	TU 013	1.50	GNSS	.0	.3	NA	NA	NA	NA	NA		
31E06	81KAR 423D	17	630480	5023230	TU 012	1.00	GNSS	.1	.4	NA	NA	NA	NA	NA		
31E06	81KAR 423E	17	630480	5023230	TU 011	.50	GNSS	.1	.9	NA	NA	NA	NA	NA		
31E06	81KAR 424	17	630491	5023241	TN 11	5.25	GNSS	.1	1.0	NA	NA	NA	NA	NA		
31E06	81KAR 424A	17	630491	5023241	TN 01	4.50	GNSS	.1	.8	NA	NA	NA	NA	NA		
31E06	81KAR 424B	17	630491	5023241	TN 01	3.50	GNSS	.1	.6	NA	NA	NA	NA	NA		
31E06	81KAR 424C	17	630491	5023241	TN 01	2.75	GNSS	.1	.8	NA	NA	NA	NA	NA		
31E06	81KAR 424D	17	630491	5023241	TU 01	2.00	GNSS	.1	.9	NA	NA	NA	NA	NA		
31E06	81KAR 424E	17	630491	5023241	TU 01	1.50	GNSS	.1	.9	NA	NA	NA	NA	NA		
31E06	81KAR 424F	17	630491	5023241	TU 01	1.00	GNSS	.1	1.6	NA	NA	NA	NA	NA		
31E06	81KAR 424G	17	630491	5023241	TU 01	.75	GNSS	.1	2.0	NA	NA	90.2	9.0	.8		
31E07	81KAR 300	17	659520	5021220	FU 10		GNSS	.2	1.8	NA	NA	NA	NA	NA		
31E07	81KAR 301	17	659960	5021470	FU 10		GNSS	.1	.6	NA	NA	NA	NA	NA		
31E07	81KAR 302	17	662060	5024090	TU 10		GNSS	.3	3.6	NA	NA	87.7	11.1	1.2		
31E07	81KAR 303	17	665320	5029070	TU 11	3.50	GNSS	.1	1.4	NA	NA	73.9	24.2	1.9		
31E07	81KAR 303A	17	665320	5029070	TU 01	2.00	GNSS	.1	1.4	NA	NA	NA	NA	NA		
31E07	81KAR 303B	17	665320	5029070	TU 01	1.00	GNSS	.3	6.6	NA	NA	NA	NA	NA		
31E07	81KAR 304	17	667430	5030140	FU 10		GNSS	.1	3.6	NA	NA	NA	NA	NA		
31E07	81KAR 305	17	668100	5031550	TU 01	2.75	GNSS	.1	1.3	NA	NA	90.2	9.1	.6		
31E07	81KAR 305A	17	668100	5031550	TU 11	1.50	GNSS	.0	1.4	NA	NA	NA	NA	NA		
31E07	81KAR 305B	17	668100	5031550	TU 01	.75	GNSS	.5	8.7	NA	NA	NA	NA	NA		
31E07	81KAR 306	17	670330	5033940	TU 112	1.50	GNSS	.1	.4	NA	NA	68.9	27.9	3.2		
31E07	81KAR 306A	17	670330	5033940	TU 011	.50	GNSS	.1	2.4	NA	NA	NA	NA	NA		
31E07	81KAR 307	17	657910	5016360	FU 10		GNSS	.2	1.9	NA	NA	NA	NA	NA		
31E07	81KAR 308	17	661820	5014590	FU 10	2.75	GNSS	.1	2.0	NA	NA	NA	NA	NA		
31E07	81KAR 309	17	662060	5014580	TU 11	3.00	GNSS	.1	.3	NA	NA	74.5	22.0	3.5		
31E07	81KAR 305A	17	662060	5014580	TU 01	2.00	GNSS	.1	.7	NA	NA	NA	NA	NA		
31E07	81KAR 309B	17	662060	5014580	TU 01	1.00	GNSS	.1	1.3	NA	NA	NA	NA	NA		
31E07	81KAR 310	17	661960	5013280	FU 10		GNSS	.1	1.7	NA	NA	NA	NA	NA		
31E07	81KAR 311	17	662420	5014420	TU 112	2.50	GNSS	.1	.8	NA	NA	78.8	20.4	.9		
31E07	81KAR 311A	17	662420	5014420	TU 011	1.50	GNSS	.1	2.0	NA	NA	NA	NA	NA		
31E07	81KAR 312	17	662230	5016660	FU 10		GNSS	.1	.8	NA	NA	NA	NA	NA		
31E07	81KAR 313	17	662620	5016860	TN 11	13.50	GNSS	.1	.2	NA	NA	NA	NA	NA		
31E07	81KAR 313A	17	662620	5016860	TN 01	12.00	GNSS	.0	.2	NA	NA	NA	NA	NA		
31E07	81KAR 313B	17	662620	5016860	TN 01	9.50	GNSS	.1	.1	NA	NA	NA	NA	NA		
31E07	81KAR 313C	17	662620	5016860	TN 01	4.50	GNSS	.1	.4	NA	NA	NA	NA	NA		
31E07	81KAR 313D	17	662620	5016860	TN 01	2.00	GNSS	.1	1.0	NA	NA	NA	NA	NA		

[illegible]

MAP ID UTM COORDINATES SAMP DEPTH SAMP BDRK SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT L.T. 2MP FRACTION
 ZN EAST NCRTH TYPE TYPE TYPE GNSS XNCRN-CARBONATE XCAC03 EQUIV XNCRN-CARBONATE XCAC03 EQUIV XSAND XSILT XCLAY

31E08 81KAR 571	17 732200	5020000	F	10	GNSS	.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 572	17 731500	5019870	TN	01	GNSS	.1	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 572A	17 731500	5019870	TN	11	GNSS	.1	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 572B	17 731500	5019870	TU	01	GNSS	.1	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 573	17 730460	5019720	TU	10	GNSS	.0	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 574	17 729650	5014750	F	10	GNSS	.1	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 575	17 727550	5016570	FU	10	GNSS	.1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 576	17 728300	5019800	TU	10	GNSS	.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 577	17 729150	5021530	TU	10	GNSS	.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 578	17 730700	5019830	TU	115	GNSS	.0	.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 578A	17 730700	5019830	TU	014	GNSS	.0	.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 578B	17 730700	5019830	TU	013	GNSS	.1	.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 578C	17 730700	5019830	TU	012	GNSS	.0	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 578D	17 730700	5019830	TU	011	GNSS	.3	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 579	17 714730	5032880	TU	112	GNSS	.0	.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 579A	17 714730	5032880	TU	011	GNSS	.0	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 580	17 713690	5031120	TN	10	GNSS	.1	.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 581	17 712700	5028750	TN	10	GNSS	.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 583	17 710280	5025820	TU	10	GNSS	.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 584	17 709180	5023600	F	01	GNSS	.0	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 584A	17 709180	5023600	TU	11	GNSS	.5	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 585	17 706000	5019000	F	10	GNSS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 586	17 704700	5017140	F	10	GNSS	.2	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 587	17 704600	5016740	FU	10	GNSS	.6	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 588	17 711720	5024130	TU	10	GNSS	.1	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 589	17 712500	5022000	F	10	GNSS	.6	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 590	17 713200	5020950	TN	10	GNSS	.0	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 591	17 713700	5019600	TN	10	GNSS	.1	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 592	17 713800	5018470	TN	10	GNSS	.1	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 593	17 713620	5016400	F	10	GNSS	.2	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 594	17 714060	5015100	TU	11	GNSS	.0	.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 594A	17 714060	5015100	TU	01	GNSS	.0	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 595	17 716260	5040830	TU	114	GNSS	.1	.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 595A	17 716260	5040830	TU	013	GNSS	.0	.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 595B	17 716260	5040830	TU	012	GNSS	.0	.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 595C	17 716260	5040830	TU	011	GNSS	.1	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 596	17 719680	5037450	TU	115	GNSS	.1	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 596A	17 719680	5037450	TU	014	GNSS	.0	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 596B	17 719680	5037450	TU	013	GNSS	.0	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 596C	17 719680	5037450	TN	012	GNSS	.0	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 596D	17 719680	5037450	FU	011	GNSS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597	17 720050	5036950	TN	016	GNSS	.0	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597A	17 720050	5036950	TN	015	GNSS	.0	.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597B	17 720050	5036950	TU	114	GNSS	.0	.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597C	17 720050	5036950	TU	013	GNSS	.0	.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597D	17 720050	5036950	TU	012	GNSS	.0	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 597E	17 720050	5036950	TU	011	GNSS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 598	17 721930	5030000	VN	10	GNSS	.1	.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 599	17 721400	5029850	TU	10	GNSS	.0	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E08 81KAR 600	17 724100	5032470	TU	10	GNSS	.1	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

P	ID	UTM ZN	COORDINATES EAST	NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
								2NON-CARBONATE	CARBON	EQUIV	2NON-CARBONATE	CARBON	EQUIV	XSAND	XSILT	XCCLAY
E08	81KAR	601	17 727000	5030770	TU 10		GNSS	.0		.5	NA	NA	NA	NA	NA	NA
E08	81KAR	602	17 728570	5028290	TU 013	4.00	GNSS	.0		.8	NA	NA	NA	81.2	17.3	1.5
E08	81KAR	602A	17 728570	5028290	TU 112	1.75	GNSS	.1		.7	NA	NA	NA	NA	NA	NA
E08	81KAR	602B	17 728570	5028290	TU 011	1.00	GNSS	.1		1.5	NA	NA	NA	NA	NA	NA
E08	81KAR	603	17 729470	5026600	TU 10		GNSS	.1		1.6	NA	NA	NA	NA	NA	NA
E08	81KAR	604	17 730C50	5028900	TU 10		GNSS	.1		1.7	NA	NA	NA	NA	NA	NA
E08	81KAR	605	17 733670	5028960	TU 112		GNSS	.1		1.6	NA	NA	NA	NA	NA	NA
E08	81KAR	605A	17 733670	5028960	TU 011		GNSS	NA		NA	NA	NA	NA	NA	NA	NA
E08	81KAR	606	17 730650	5030C50	TU 10		GNSS	.1		2.1	NA	NA	NA	65.7	30.9	3.5
E08	81KAR	618	17 722740	5041950	TU 10		GNSS	.0		.3	NA	NA	NA	50.8	42.6	6.6
E08	81KAR	619	17 726370	5040850	FU 10		GNSS	.1		.4	NA	NA	NA	83.9	14.2	1.9
E08	81KAR	620	17 728850	5040120	TU 10		GNSS	.0		.3	NA	NA	NA	81.4	17.3	1.3
E08	81KAR	621	17 730900	5040720	TU 10		GNSS	NA		NA	NA	NA	NA	67.5	28.0	4.5
E08	81KAR	621	17 730900	5040720	TU 10		GNSS	.1		1.1	NA	NA	NA	67.5	28.0	4.5
E09	81KAR	533	17 696430	5051000	F 10		GNSS	.1		1.7	NA	NA	NA	NA	NA	NA
E09	81KAR	534A	17 702230	5050270	TU 01	20.00	GNSS	.1		.2	NA	NA	NA	NA	NA	NA
E09	81KAR	534C	17 702230	5050270	TU 019	17.00	GNSS	.0		.3	NA	NA	NA	NA	NA	NA
E09	81KAR	534D	17 702230	5050270	TU 018	15.50	GNSS	.1		1.0	NA	NA	NA	NA	NA	NA
E09	81KAR	534E	17 702230	5050270	TU 017	14.00	GNSS	.1		.4	NA	NA	NA	NA	NA	NA
E09	81KAR	534F	17 702230	5050270	TU 016	12.50	GNSS	.1		.3	NA	NA	NA	NA	NA	NA
E09	81KAR	534G	17 702230	5050270	TU 015	11.00	GNSS	.1		.6	NA	NA	NA	NA	NA	NA
E09	81KAR	534H	17 702230	5050270	TU 014	9.50	GNSS	.1		.7	NA	NA	NA	NA	NA	NA
E09	81KAR	534I	17 702230	5050270	TU 013	3.50	GNSS	.1		.6	NA	NA	NA	NA	NA	NA
E09	81KAR	534J	17 702230	5050270	TU 012	1.50	GNSS	.1		1.0	NA	NA	NA	NA	NA	NA
E09	81KAR	534K	17 702230	5050270	TU 011	.50	GNSS	NA		NA	NA	NA	NA	NA	NA	NA
E09	81KAR	535	17 702580	5045510	TU 113	3.00	GNSS	.1		.3	NA	NA	NA	50.7	36.7	12.6
E09	81KAR	535A	17 702580	5045510	TU 012	1.50	GNSS	.1		.3	NA	NA	NA	NA	NA	NA
E09	81KAR	535B	17 702580	5045510	TU 011	.50	GNSS	.2		2.3	NA	NA	NA	NA	NA	NA
E09	81KAR	536	17 707550	5051930	TU 112		GNSS	.1		1.5	NA	NA	NA	NA	NA	NA
E09	81KAR	536A	17 707550	5051930	TU 011		GNSS	.1		.8	NA	NA	NA	NA	NA	NA
E09	81KAR	537	17 707630	5053330	F 10		GNSS	.1		1.3	NA	NA	NA	NA	NA	NA
E09	81KAR	538	17 706370	5056110	TU 10		GNSS	.1		.4	NA	NA	NA	75.0	23.3	1.7
E09	81KAR	539	17 707350	5054460	FU 112		GNSS	.1		.3	NA	NA	NA	NA	NA	NA
E09	81KAR	539A	17 707350	5054460	FU 011		GNSS	.0		.1	NA	NA	NA	NA	NA	NA
E09	81KAR	540	17 711480	5049900	TU 10		GNSS	.1		2.9	NA	NA	NA	82.8	15.8	1.4
E09	81KAR	541	17 713300	5047190	F 10		GNSS	.2		1.7	NA	NA	NA	NA	NA	NA
E09	81KAR	542	17 713370	5043810	F 10		GNSS	.1		.5	NA	NA	NA	88.3	10.7	1.1
E09	81KAR	557	17 701880	5056700	F 10		GNSS	.6		3.8	NA	NA	NA	NA	NA	NA
E09	81KAR	558	17 701400	5057025	F 10		GNSS	.1		1.1	NA	NA	NA	NA	NA	NA
E09	81KAR	559	17 701400	5055200	TU 10		GNSS	NA		NA	NA	NA	NA	39.0	54.6	6.5
E09	81KAR	560	17 702100	5051740	TU 115	4.50	GNSS	.1		.8	NA	NA	NA	69.3	27.8	3.0
E09	81KAR	560A	17 702100	5051740	TU 014	3.25	GNSS	.1		.4	NA	NA	NA	NA	NA	NA
E09	81KAR	560B	17 702100	5051740	TU 013	2.50	GNSS	.0		.3	NA	NA	NA	NA	NA	NA
E09	81KAR	560C	17 702100	5051740	TU 012	1.75	GNSS	.1		.2	NA	NA	NA	NA	NA	NA
E09	81KAR	560D	17 702100	5051740	TU 011	.50	GNSS	.1		3.1	NA	NA	NA	NA	NA	NA
E09	81KAR	561	17 701300	5043820	F 10		GNSS	.1		.7	NA	NA	NA	NA	NA	NA
E09	81KAR	562	17 700050	5042600	TU 10		GNSS	.1		.8	NA	NA	NA	NA	NA	NA
E09	81KAR	563	17 700900	5042000	F 01		GNSS	.2		2.4	NA	NA	NA	86.0	12.9	1.1
E09	81KAR	563A	17 700900	5042000	F 01		GNSS	.1		1.6	NA	NA	NA	NA	NA	NA
E09	81KAR	563B	17 700900	5042000	TU 11		GNSS	.1		1.5	NA	NA	NA	NA	NA	NA

MAP	ID	UTM		COORDINATES		SAMP DEPTH	SAMP TYPE	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION			
		ZN	EAST	NORTH	SAMP				TU	GI	GNSS	1	1.9	NA	NA	NA	NA	NA
31E09	81KAR	563C	17	700900	5042000	TU	G1	GNSS	1	1.9	NA	NA	NA	NA	NA	NA	NA	NA
31E09	81KAR	563D	17	700900	5042000	TU	G1	GNSS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	529	17	679200	5043900	F	10	GNSS	2	4	NA	NA	NA	89.0	10.2	8	NA	NA
31E10	81KAR	530	17	680650	5045600	F	10	GNSS	1	1.3	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	531	17	684500	5046750	VU	10	GNSS	1	5	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	532	17	688160	5047670	TU	112	GNSS	1	9	NA	NA	NA	64.6	31.5	4.0	NA	NA
31E10	81KAR	532A	17	688160	5047670	TU	011	GNSS	1	1.3	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	543	17	679630	5051100	F	10	GNSS	7	2.5	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	544	17	678640	5049320	F	10	GNSS	3	4.9	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	545	17	668400	5057100	F	10	GNSS	1.1	8.4	NA	NA	NA	94.5	4.5	1.0	NA	NA
31E10	81KAR	546	17	674370	5052700	F	10	GNSS	1	1.0	NA	NA	NA	81.2	16.6	2.2	NA	NA
31E10	81KAR	547	17	676820	5049850	F	10	GNSS	1	3.5	NA	NA	NA	NA	NA	NA	NA	NA
31E10	81KAR	548	17	679280	5047780	F	10	GNSS	1.4	4.2	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80AR	5	18	400909	4999260	TU	11	AMPB	1	18.8	0	10.5	60.3	25.0	14.8	NA	NA	NA
31F01	80AR	5A	18	400909	4999260	TU	01	AMPB	1	21.3	0	10.4	60.8	24.4	14.7	NA	NA	NA
31F01	80AR	5B	18	400909	4999260	TU	01	AMPB	NA	NA	0	7.9	99.0	4.4	6	NA	NA	NA
31F01	80AR	6	18	406435	4995442	TU	10	GNSS	1	28.4	0	8.4	72.6	18.4	9.1	NA	NA	NA
31F01	80AR	7	18	397791	4991509	TU	10	MRBL	1	21.6	0	14.8	55.9	31.7	12.4	NA	NA	NA
31F01	80AR	8	18	394756	4991172	F	01	AMPB	NA	NA	1	22.9	94.7	3.4	1.9	NA	NA	NA
31F01	80AR	8A	18	394756	4991172	F	01	AMPB	NA	NA	NA	NA	6.1	44.6	49.3	NA	NA	NA
31F01	80AR	8B	18	394756	4991172	TU	11	AMPB	2	37.4	1	28.6	46.9	27.4	25.8	NA	NA	NA
31F01	80AR	8C	18	394756	4991172	F	01	AMPB	NA	NA	NA	NA	51.4	33.9	14.7	NA	NA	NA
31F01	80AR	9	18	394395	4988557	F	10	MRBL	2	39.3	0	18.4	98.5	1.0	5	NA	NA	NA
31F01	80AR	10	18	388181	4990792	F	10	MRBL	0	15.3	0	10.4	97.4	1.7	9	NA	NA	NA
31F01	80AR	11	18	402960	5006498	TU	10	GRNT	2	20.9	0	9.6	81.6	12.4	6.0	NA	NA	NA
31F01	80AR	12	18	398982	5006194	TU	10	AMPB	1	12.0	0	8.5	66.7	26.9	6.4	NA	NA	NA
31F01	80AR	13	18	391268	4995395	TU	111	MRBL	1	21.8	0	13.8	59.6	31.1	9.3	NA	NA	NA
31F01	80AR	13A	18	391268	4995395	TU	011	MRBL	1	21.1	0	13.1	58.4	32.5	9.1	NA	NA	NA
31F01	80AR	13B	18	391268	4995395	TU	011	MRBL	1	21.7	0	14.5	54.9	33.8	11.3	NA	NA	NA
31F01	80AR	13C	18	391268	4995395	TU	012	MRBL	1	13.1	0	9.1	58.3	31.4	10.3	NA	NA	NA
31F01	80AR	14	18	382425	5000822	TU	116	MRBL	1	17.4	0	8.8	47.0	41.8	11.2	NA	NA	NA
31F01	80AR	14A	18	382425	5000822	TU	015	MRBL	1	17.3	0	9.3	55.7	35.5	8.8	NA	NA	NA
31F01	80AR	14B	18	382425	5000822	TU	014	MRBL	1	15.1	0	6.9	57.5	33.8	8.7	NA	NA	NA
31F01	80AR	14C	18	382425	5000822	TU	013	MRBL	1	16.8	0	8.3	61.3	30.7	8.1	NA	NA	NA
31F01	80AR	14D	18	382425	5000822	TU	012	MRBL	1	16.3	0	6.9	62.4	29.9	7.7	NA	NA	NA
31F01	80AR	14E	18	382425	5000822	TU	011	MRBL	1	18.9	0	8.3	65.1	26.1	8.9	NA	NA	NA
31F01	81KAR	1C	18	381840	4984830	TU	10	MRBL	1	28.0	0	NA	75.9	19.3	4.8	NA	NA	NA
31F01	81KAR	20	18	383230	4995060	TU	10	MRBL	1	1.5	NA	NA	63.8	30.7	5.5	NA	NA	NA
31F01	81KAR	23	18	386190	4993140	TU	10	MRBL	3	28.0	NA	NA	68.4	24.7	6.9	NA	NA	NA
31F01	81KAR	24	18	382030	4997650	TU	10	MVCC	2	1.0	NA	NA	50.5	34.0	15.5	NA	NA	NA
31F01	81KAR	25	18	381600	4998825	TU	10	MAFR	3	1.3	NA	NA	NA	NA	NA	NA	NA	NA
31F01	81KAR	54	18	390350	5004120	TU	10	MVCC	2	8	NA	NA	59.6	31.8	8.7	NA	NA	NA
31F01	81KAR	59	18	385450	4992600	TU	10	MAFR	3	1.2	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	1	18	396893	5003281	TU	112	MRBL	1	21.6	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	1A	18	396893	5003281	TU	011	MRBL	1	17.7	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	2	18	394290	5005795	F	10	MRBL	2	16.1	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	3	18	386496	5003287	F	10	MRBL	1	18.5	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	4	18	396763	5010202	TU	11	GRNT	1	17.3	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	4A	18	396763	5010202	F	01	GRNT	0	12.7	NA	NA	NA	NA	NA	NA	NA	NA
31F01	80SAR	17	18	392691	4995321	F	10	MRBL	0	12.9	NA	NA	NA	NA	NA	NA	NA	NA

SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT

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L.T. 2MM FRACTION
XSAND XSILT XCLAY

XCAC03
EQUIV

XCAC03
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MAP	ID	UTM ZN	COORDINATES EAST	NORTH	SAPP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT XNON-CARBON CARBON	FINE SAND-SIZED FRACT XNON-CARBON CARBON	L.T. 2MM FRACTION XSAND XSILT XCLAY
31F01	80SAR	18	18 392786	4995239	VU 10		MRBL	.1	9.8	NA NA NA
31F01	80SAR	19	18 389945	4993811	TU 10		MRBL	.1	27.7	NA NA NA
31F01	80SAR	20	18 389873	4993509	TU 10		MRBL	.2	33.2	NA NA NA
31F01	80SAR	21	18 389431	4989235	TU 112		MAFR	.2	34.9	NA NA NA
31F01	80SAR	21A	18 389431	4989235	TU 011		MAFR	.3	33.7	NA NA NA
31F01	80SAR	22	18 388264	4988900	TU 10		MRBL	.1	20.6	NA NA NA
31F01	80SAR	23	18 388366	4986160	TU 112		MRBL	.1	13.3	NA NA NA
31F01	80SAR	23A	18 388366	4986160	TU 011		MRBL	.3	1.4	NA NA NA
31F01	80SAR	24	18 383765	4986625	F 10		MAFR	.1	16.0	NA NA NA
31F01	80SAR	25	18 383144	4987954	TU 10	2.00	MAFR	.1	.8	NA NA NA
31F01	81SAR	226	18 404460	4989540	TOP10		GRNT	.4	1.9	NA NA NA
31F01	81SAR	227	18 405580	4988630	TN 10		AMPB	.1	26.9	NA NA NA
31F01	81SAR	228	18 407000	4990425	TU 11		MVCC	.1	26.1	NA NA NA
31F01	81SAR	228A	18 407000	4990425	TU 01		MVCC	.1	26.8	NA NA NA
31F01	81SAR	229	18 405940	4995650	TU 10		GNSS	.1	23.0	NA NA NA
31F01	81SAR	230	18 404775	4996050	TU 10	3.00	GNSS	.1	16.3	NA NA NA
31F01	81SAR	231	18 401800	4997375	TU 10		MAFR	.1	6.3	NA NA NA
31F01	81SAR	232	18 401075	4999000	TU 10		MRBL	.1	.5	NA NA NA
31F01	81SAR	233	18 400400	5001200	TU 10		MRBL	.1	3.4	NA NA NA
31F01	81SAR	234	18 404660	5005750	MDP10		MRBL	.2	.3	NA NA NA
31F02	80AR	20	18 381855	4991894	FN 11	2.00	AMPB	2.2	24.3	95.4 3.4 1.2
31F02	80AR	20A	18 381855	4991894	FN 01		AMPB	.0	17.7	95.6 3.6 .8
31F02	80AR	21	18 372784	4993532	FN 11		GRNT	.2	21.3	94.1 4.5 1.4
31F02	80AR	22	18 361440	4986757	FN 11		MRBL	.4	22.2	94.7 4.1 1.2
31F02	80AR	22A	18 361440	4986757	FN 01		MRBL	.0	14.8	72.3 25.5 1.3
31F02	81KAR	11	18 380520	4988920	TU 10		MAFR	.2	1.3	51.3 30.4 18.3
31F02	81KAR	13	18 376750	4987075	TU 10		DORT	.4	2.3	NA NA NA
31F02	81KAR	14	18 374690	4987110	TU 10		DORT	.1	21.2	NA NA NA
31F02	81KAR	15	18 375750	4988300	FU 10		DORT	.1	15.4	NA NA NA
31F02	81KAR	16	18 376000	4989060	TOP10		DORT	.5	2.3	NA NA NA
31F02	81KAR	17	18 378270	4991030	TU 10		DORT	.3	1.5	NA NA NA
31F02	81KAR	18	18 379300	4992270	TU 10		DORT	.4	2.1	NA NA NA
31F02	81KAR	19	18 379640	4993920	TU 10		DORT	.1	16.4	NA NA NA
31F02	81KAR	19A	18 379640	4993920	TM 11		DORT	.2	7.5	NA NA NA
31F02	81KAR	19B	18 379640	4993920	TU 01		DORT	.1	13.4	NA NA NA
31F02	81KAR	21	18 373150	4999520	TOP10		GRNT	.4	2.1	NA NA NA
31F02	81KAR	26	18 378310	5003410	TU 10		MAFR	.3	6.9	NA NA NA
31F02	81KAR	27	18 375450	5005700	F 10		MAFR	2.5	33.7	NA NA NA
31F02	81KAR	29	18 373375	5010510	TU 10		MRBL	.4	71.8	72.6 21.5 5.9
31F02	81KAR	30	18 371650	5011760	TOP10		MRBL	.3	1.0	NA NA NA
31F02	81KAR	32	18 364500	5011850	F 10		GNSS	.2	.5	NA NA NA
31F02	81KAR	33	18 362450	5010710	TU 10		GRAN	.3	.5	81.2 14.7 4.1
31F02	81KAR	34	18 361740	5009430	TU 10		GRAN	.3	.8	NA NA NA
31F02	81KAR	35	18 374460	5005100	TU 10		DORT	.5	1.4	NA NA NA
31F02	81KAR	36	18 373100	5004130	F 10		DORT	.3	40.0	NA NA NA
31F02	81KAR	37	18 372380	5000200	FN 10		MAFR	.2	27.4	NA NA NA
31F02	81KAR	38	18 349700	4984400	TOP10		MAFR	.8	1.3	NA NA NA
31F02	81KAR	39	18 352000	4988100	TOP10		MAFR	.4	2.2	NA NA NA
31F02	81KAR	40	18 352500	4988500	TOP10		MAFR	.6	1.6	NA NA NA
31F02	81KAR	41	18 352400	4988840	TU 10		MAFR	.3	1.8	76.1 20.2 3.6

MAP	ID	UTM ZN	COORDINATES EAST	SAMP NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
								XNON-CARBONATE EQUIV	XNON-CARBONATE CARBON	XNON-CARBONATE EQUIV	XNON-CARBONATE CARBON	XNON-CARBONATE EQUIV	XNON-CARBONATE CARBON	XSAND	XSILT	XCLAY
31F02	81KAR	42	18 352275	4989480	F	10	MAFR	.0	.6	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	43	18 353950	4992470	T	10	GNSS	.1	.3	NA	NA	NA	NA	58.6	36.2	5.2
31F02	81KAR	44	18 355500	4993600	TOP10		GNSS	.4	.8	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	45	18 357430	4992640	F	10	MRBL	.5	4.7	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	46	18 357210	4992670	TOP10		GNSS	.4	2.3	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	47	18 355400	4995330	T	10	MRBL	.3	2.4	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	48	18 356080	4995950	TOP10		MRBL	.5	1.8	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	49	18 356500	4997850	T	10	MAFR	.2	.7	NA	NA	NA	NA	64.3	30.3	5.4
31F02	81KAR	50	18 358800	5003200	T	10	MAFR	.5	1.0	NA	NA	NA	NA	72.1	21.9	6.0
31F02	81KAR	51	18 360550	5007500	T	10	MVCC	.5	2.1	NA	NA	NA	NA	70.2	20.3	9.4
31F02	81KAR	52	18 360880	5008120	F	10	MVCC	.5	57.2	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	53	18 378100	5003600	T	10	MAFR	.1	19.9	NA	NA	NA	NA	77.8	18.3	3.9
31F02	81KAR	55	18 376720	5000100	T	10	DORT	.3	1.4	NA	NA	NA	NA	61.2	27.3	11.5
31F02	81KAR	56	18 371450	4999000	F	10	GNSS	.4	21.3	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	56A	18 371450	4999000	F	00	GNSS	.2	21.6	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	58	18 366800	5004650	T	10	MAFR	.2	1.7	NA	NA	NA	NA	72.0	23.7	4.3
31F02	81KAR	60	18 376940	4990720	T	114	GRNT	.1	15.9	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	60A	18 376940	4990720	T	013	GRNT	.2	10.7	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	60B	18 376940	4990720	T	012	GRNT	.1	13.7	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	60C	18 376940	4990720	T	011	GRNT	.1	9.3	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	61	18 372300	4997060	T	10	DORT	.1	9.7	NA	NA	NA	NA	49.3	37.6	13.1
31F02	81KAR	62	18 374750	4990090	T	10	DORT	.1	.7	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	63	18 373880	4990000	T	10	MRBL	.1	13.5	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	64	18 370300	4991330	T	10	MRBL	.1	7.9	NA	NA	NA	NA	46.0	41.5	12.5
31F02	81KAR	65	18 368430	4989220	T	10	GNSS	.1	.9	NA	NA	NA	NA	47.4	43.9	8.7
31F02	81KAR	66	18 367910	4989700	T	10	GNSS	.2	2.2	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	67	18 364950	4986400	T	112	GNSS	.2	.3	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	67A	18 364950	4986400	T	011	GNSS	.2	.5	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	68	18 361360	4986575	T	10	MRBL	.3	2.6	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	86	18 355130	4985760	T	10	MRBL	.1	21.4	NA	NA	NA	NA	74.3	19.4	6.4
31F02	81KAR	87	18 357250	4988000	T	10	GNSS	.1	26.5	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	88	18 350550	4989420	F	10	MRBL	.2	1.6	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	89	18 358660	4989200	T	10	GNSS	.3	1.1	NA	NA	NA	NA	80.5	15.5	4.1
31F02	81KAR	90	18 361075	4991720	T	10	GNSS	.1	16.8	NA	NA	NA	NA	NA	NA	NA
31F02	81KAR	91	18 364290	4992225	T	10	MAFR	.2	19.4	NA	NA	NA	NA	56.2	26.0	17.9
31F02	81KAR	92	18 362420	4989400	T	10	MAFR	.3	1.5	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	768	18 346850	4986950	C	10	MAFR	3.2	4.3	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	769	18 347400	4987875	TOP10		GRNT	1.2	3.8	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	770	18 347200	4988100	F	10	GRNT	.9	3.0	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	771	18 346950	4988900	F	10	GRNT	.8	2.3	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	772	18 346870	4988600	T	10	GRNT	.2	.5	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	773	18 346380	4989310	F	10	GRNT	.1	3.3	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	774	18 346275	4985350	T	10	MAFR	2.1	4.0	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	782	18 343300	4991500	T	10	GRNT	1.0	2.4	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	783	18 343750	4992575	T	10	GRNT	.4	1.2	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	784	18 343275	4992650	T	10	MAFR	.1	.4	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	790	18 342600	4988460	T	10	GRNT	.6	1.3	NA	NA	NA	NA	NA	NA	NA
31F02	82KAR	792	18 355470	4984600	F	10	GNSS	.1	.5	NA	NA	NA	NA	NA	NA	NA
31F02	80SAR	41	18 353139	5009015	T	113	GNSS	.1	.4	NA	NA	NA	NA	NA	NA	NA
31F02	80SAR	41A	18 353139	5009015	T	012	GNSS	.1	.3	NA	NA	NA	NA	NA	NA	NA

MAP ID UTM COORDINATES SAMP SAMP BORK SILT PLUS CLAY-SIZED FRACT FINE SAND-SIZED FRACT L.T. 2MM FRACTION
 ZN EAST NORTH TYPE DEPTH TYPE TYPE %CACO3 %NON-CARBONATE %SAND %SILT %CLAY
 EQUIV CARBON EQUIV CARBON EQUIV

31F02 80SAR	418	18	353139	5009015	C0	011	2.00	GNSS	.02	1.8	NA	NA	NA	NA	NA	NA
31F02 80SAR	42	18	350560	5007382	TU	113		MRBL	.01	20.2	NA	NA	NA	NA	NA	NA
31F02 80SAR	42A	18	350560	5007382	TU	012		MRBL	.01	21.0	NA	NA	NA	NA	NA	NA
31F02 80SAR	42B	18	350560	5007382	F0	011		MRBL	.00	15.3	NA	NA	NA	NA	NA	NA
31F02 80SAR	42C	18	350560	5007382	TU	01		MRBL	.01	22.3	NA	NA	NA	NA	NA	NA
31F02 80SAR	42D	18	350560	5007382	A0	01		MRBL	.03	1.3	NA	NA	NA	NA	NA	NA
31F02 80SAR	43	18	352773	5007369	TU	10		GNSS	.01	22.5	NA	NA	NA	NA	NA	NA
31F02 81SAR	126	18	381700	4998830	TU	10		MRBL	.01	4.2	NA	NA	NA	NA	NA	NA
31F02 81SAR	127	18	381430	4999220	TU	11		AMPB	.01	15.6	NA	NA	NA	NA	NA	NA
31F02 81SAR	127A	18	381430	4999220	TU	01		AMPB	.01	22.4	NA	NA	NA	NA	NA	NA
31F02 81SAR	128	18	378775	5003000	TU	10	2.00	MAFR	.01	.02	NA	NA	NA	NA	NA	NA
31F02 81SAR	178	18	344000	5006340	TU	10		GNSS	.01	.02	NA	NA	NA	NA	NA	NA
31F02 81SAR	179	18	342250	5005650	F0	10		GNSS	.01	19.9	NA	NA	NA	NA	NA	NA
31F03 80AR	426	18	302600	5012000	TU	10		MRBL	.02	27.1	.01	15.0	78.2	16.4	5.4	NA
31F03 80AR	427	18	305550	5012500	TU	10		MRBL	.01	.03	NA	NA	65.3	25.5	9.2	NA
31F03 80AR	428	18	308075	5011050	TU	10		MGBB	.01	11.3	.00	3.3	82.1	14.8	3.1	NA
31F03 80AR	429	18	307340	5009740	TU	10		MGBB	.01	.03	.01	.02	79.9	17.5	2.6	NA
31F03 80AR	430	18	310860	5009740	TU	10		GRNT	.01	10.0	.01	7.0	77.7	20.3	2.0	NA
31F03 80AR	431	18	313850	5010630	TU	10		GRNT	.02	1.3	.00	.02	69.5	25.9	4.5	NA
31F03 80AR	432	18	311900	5010560	F	10		MRBL	1.00	34.8	.00	5.5	96.0	3.4	.7	NA
31F03 80AR	433	18	314110	5006800	TU	10		GNSS	.01	.00	NA	NA	65.3	26.8	7.9	NA
31F03 80AR	434	18	321820	5000175	TU	10		MRBL	.01	3.1	.00	1.6	75.6	17.9	6.6	NA
31F03 80AR	435	18	308370	5009075	TU	10		GNSS	.01	1.0	NA	NA	73.1	21.7	5.2	NA
31F03 80AR	561	18	319275	5012000	F	10		GNSS	.04	14.4	.01	7.2	98.2	1.2	.6	NA
31F03 80AR	736	18	322380	5001730	TU	10		MAFR	.01	.03	.00	.01	60.4	26.7	12.9	NA
31F03 80AR	737	18	321460	5006320	F	10		MRBL	.01	8.4	.00	5.8	99.1	.4	.6	NA
31F03 80AR	738	18	320510	5007250	F	10		MAFR	.01	1.2	.00	.03	95.5	3.7	.8	NA
31F03 80AR	739	18	321460	5006320	F	10		MAFR	.01	.06	.00	.02	96.0	2.4	1.6	NA
31F03 80AR	740	18	321420	5006000	TU	11		MAFR	.01	.02	NA	NA	70.1	20.8	9.1	NA
31F03 80AR	740A	18	321420	5006000	A0	01		MAFR	.03	2.3	.01	.06	66.9	29.6	3.5	NA
31F03 80AR	741	18	328550	5011950	F0	10		MRBL	.03	48.1	.01	6.0	97.3	1.7	1.1	NA
31F03 80AR	742	18	330875	5012380	TU	10		GNSS	.00	.03	NA	NA	86.6	12.1	1.3	NA
31F03 80AR	745	18	333000	5008540	R	10		MRBL	7.1	11.8	1.0	35.5	95.8	3.2	1.0	NA
31F03 80AR	746	18	332080	5007670	F	10		MRBL	1.1	3.2	.01	.08	96.7	2.5	.8	NA
31F03 80AR	747	18	330450	5009250	F0	10		GRNT	.03	4.7	.01	.06	97.9	1.4	.8	NA
31F03 80AR	748	18	330310	5010500	TU	10		GRNT	.01	.04	.00	.03	83.2	13.7	3.1	NA
31F03 80AR	749	18	330600	5007150	TU	10		GRNT	.01	.05	.00	.01	73.5	21.5	5.0	NA
31F03 80AR	750	18	330920	5006880	F	10		GRNT	.01	17.5	.00	2.9	97.7	1.5	.9	NA
31F03 80AR	751	18	340600	5005300	FM	10		GNSS	.01	.03	NA	NA	67.1	26.0	6.9	NA
31F03 80AR	752	18	335080	5004540	F	10		GNSS	.01	9.8	.01	4.5	95.6	2.7	1.8	NA
31F03 80AR	753	18	334230	5005000	TU	10		MRBL	.01	6.2	.00	2.6	52.9	31.8	15.3	NA
31F03 80AR	754	18	334230	5000560	TU	10		GRNT	.01	.08	.00	.01	70.3	20.0	9.7	NA
31F03 80AR	755	18	335260	4997180	TU	10		GNSS	.01	16.0	.00	7.3	49.8	36.6	13.6	NA
31F03 80AR	756	18	332680	4996260	F	10		MRBL	1.1	3.3	.01	.05	97.7	1.2	1.1	NA
31F03 80AR	757	18	328320	4997675	F	10		MAFR	1.9	40.8	.02	3.2	98.7	.7	.6	NA
31F03 80AR	758	18	327260	4994420	F0	10		MRBL	.01	1.1	.01	.00	90.2	8.1	1.7	NA
31F03 80AR	759	18	326675	4994075	TU	10		MAFR	.01	.07	.00	.01	69.9	26.1	4.0	NA
31F03 80AR	760	18	325530	4993710	F0	10		MAFR	.01	.07	NA	NA	92.7	7.0	.3	NA
31F03 80AR	761	18	316880	4994475	F	10		GRNT	.01	1.6	.00	.02	94.1	5.0	.9	NA
31F03 80AR	762	18	317030	4994520	TU	10		GRNT	.02	1.4	.00	.02	47.2	46.4	6.5	NA

MAP	ID	UTM		COORDINATES		SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	TYPE				ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZSAND	ZSILT	ZCLAY		
31F03	80AR	763	18	319100	4993750	10 10		GRNT	.0	.1	NA	NA	69.7	27.3	3.1		
31F03	80AR	764	18	319230	4993870	10 115	6.00	GRNT	.0	4.0	.0	2.3	68.0	24.4	7.6		
31F03	80AR	764A	18	319230	4993870	10 014	4.50	GRNT	.0	.1	NA	NA	60.8	30.7	8.5		
31F03	80AR	764B	18	319230	4993870	10 013	2.50	GRNT	.1	.0	.0	.1	58.3	32.1	9.6		
31F03	80AR	764C	18	319230	4993870	10 012	1.50	GRNT	.1	.6	.0	.1	60.7	32.1	7.2		
31F03	80AR	764D	18	319230	4993870	F 011	.50	GRNT	1.2	9.3	.2	3.4	90.4	8.1	1.5		
31F03	80AR	765	18	320490	4992880	F 10		GRNT	.6	4.1	.1	.6	98.0	1.3	.7		
31F03	80AR	778	18	329400	4992730	10 10		MVCC	.1	1.8	.0	.4	74.3	23.3	2.4		
31F03	80AR	779	18	326500	4987500	F 0 10		GRNT	.6	2.6	.1	.7	82.5	13.7	3.8		
31F03	82KAR	776	18	341850	4985150	F 0 10		GNSS	.5	3.7	NA	NA	NA	NA	NA		
31F03	82KAR	777	18	340800	4986275	F 0 10		GNSS	.8	2.3	NA	NA	NA	NA	NA		
31F03	82KAR	778	18	338760	4988520	10 10		GNSS	.8	1.3	NA	NA	NA	NA	NA		
31F03	82KAR	779	18	338700	4988140	F 0 10		GNSS	.6	2.2	NA	NA	NA	NA	NA		
31F03	82KAR	780	18	338800	4987550	F 0 10		GNSS	1.4	3.7	NA	NA	NA	NA	NA		
31F03	82KAR	781	18	342200	4985000	F 0 10		MRBL	.0	13.8	NA	NA	NA	NA	NA		
31F03	82KAR	785	18	342400	4989850	F 0 10		GRNT	.5	2.1	NA	NA	NA	NA	NA		
31F03	82KAR	786	18	341400	4991125	F 0 10		MAFR	.1	11.7	NA	NA	NA	NA	NA		
31F03	82KAR	787	18	340550	4991550	F 0 10		MAFR	.1	.6	NA	NA	NA	NA	NA		
31F03	82KAR	788	18	340160	4993510	10 10		MAFR	.2	.7	NA	NA	NA	NA	NA		
31F03	81SAR	188	18	307560	4987320	F 10		GRNT	.2	.7	NA	NA	NA	NA	NA		
31F03	81SAR	189	18	309230	4991700	F 0 10		GRNT	1.2	1.5	NA	NA	NA	NA	NA		
31F03	81SAR	190	18	310280	4991540	F 0 10		GRNT	1.6	3.4	NA	NA	NA	NA	NA		
31F03	81SAR	191	18	309840	4989600	10 10		GRNT	.8	3.1	NA	NA	68.7	26.2	5.1		
31F03	81SAR	192	18	309700	4986400	F 0 10	3.50	MRBL	1.3	3.1	NA	NA	75.9	23.4	.7		
31F04	80AR	187	18	276588	4991128	F 0 10		MRBL	.0	.6	.0	.1	98.4	.7	1.0		
31F04	80AR	188	18	276455	4990506	F 0 10	1.50	MRBL	.2	14.9	.0	3.5	95.9	2.8	1.3		
31F04	80AR	189	18	278037	4986834	F 012	3.00	MRBL	.1	4.5	.1	2.7	99.0	.5	.5		
31F04	80AR	189A	18	278037	4986834	F 111	3.25	MRBL	.1	.7	.0	.2	92.1	6.8	1.2		
31F04	80AR	190	18	280700	4988429	F 10		MRBL	.1	1.8	.0	.8	58.3	33.3	8.3		
31F04	80AR	191	18	282179	4988563	10 10		MRBL	.0	.4	.0	.1	97.8	1.6	.6		
31F04	80AR	204	18	271859	4991807	F 10	3.00	MRBL	.1	2.3	.0	.4	99.1	.5	.4		
31F04	80AR	205	18	271479	4991640	F 10	2.50	SYNT	.1	1.4	.0	.3	74.9	24.0	1.0		
31F04	80AR	206	18	276581	4993419	F 10		SYNT	.0	.3	.0	.3	75.1	22.4	2.5		
31F04	80AR	207	18	277752	4994805	10P1C		SYNT	.0	.2	.0	.1	75.8	21.1	3.1		
31F04	80AR	208	18	277815	4995044	FN 10		SYNT	.1	.4	.0	.1	78.3	19.8	1.9		
31F04	80AR	209	18	279766	4995982	10 10	2.50	SYNT	.0	.2	NA	NA	69.1	28.0	2.9		
31F04	80AR	210	18	279597	4998514	10 10		SYNT	.0	.9	NA	NA	65.6	33.1	1.3		
31F04	80AR	211	18	279778	4999873	F 10		GRNT	.1	1.3	.0	.8	96.8	2.3	.9		
31F04	80AR	212	18	282390	5001323	F 10		MVCC	1.4	2.8	.1	.2	97.7	1.1	1.2		
31F04	80AR	213	18	283363	5003186	F 10		MVCC	.1	10.9	.0	2.3	88.4	10.3	1.3		
31F04	80AR	214	18	281405	5004544	10 10		GNSS	.0	.9	NA	NA	81.5	15.8	2.7		
31F04	80AR	215	18	277903	5004656	10 10	1.00	GRNT	.1	1.3	.0	.3	71.8	25.1	3.2		
31F04	80AR	216	18	277054	5005710	10 10		GRNT	.1	2.1	.0	.6	96.9	2.2	.9		
31F04	80AR	217	18	275690	5003091	F 0 10		GRNT	NA	NA	.1	2.9	99.3	.3	.5		
31F04	80AR	218	18	275038	5002687	F 10	3.30	GRNT	.0	.8	NA	NA	58.0	33.3	8.7		
31F04	80AR	219	18	271824	5013339	F 10	2.00	GRNT	.1	1.0	.0	.2	63.5	31.5	5.0		
31F04	80AR	220	18	273722	5013943	10 10	4.00	GRNT	.0	.1	.0	.2	89.2	9.1	1.6		
31F04	80AR	221	18	278000	5011122	10P10		SYNT	.1	.0	.0	.1	70.7	25.6	3.8		
31F04	80AR	222	18	277728	5012523	F 0 10		MRBL	.1	.5	.1	.0	NA	NA	NA		
31F04	80AR	223	18	277657	5013240	10 10	1.50	GRNT	.1	.7	NA	NA	70.7	25.6	3.8		

MAP	ID	UTM ZN	COORDINATES EAST	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							XNON-CARBON	XCAC03	EQUIV	XNON-CARBON	XCAC03	EQUIV	XSAND	XSILT	XCLAY
31F04 80AR	224	18	280364	5012171	T0 10	1.50	MRBL	.0	.3	NA	NA	NA	81.1	16.6	2.4
31F04 80AR	225	18	281045	5012127	F 10	1.75	GRNT	.2	7.2	.0	.6	.5	99.5	.0	.5
31F04 80AR	226	18	279452	5006352	T0 10		MRBL	.0	.5	NA	NA	NA	75.6	20.3	4.1
31F04 80AR	227	18	277420	5001977	T0 10	2.00	MRBL	.1	.6	.0	.1	3.1	73.9	23.0	3.1
31F04 80AR	228	18	275266	4999621	T0 10		MRGL	.1	1.6	.0	.6	.9	88.9	10.2	.9
31F04 80AR	229	18	285551	4987049	F0 10		MRBL	.2	3.5	.0	.8	.9	96.4	2.7	.9
31F04 80AR	234	18	299468	4986036	F 10		DORT	.5	10.8	.1	2.7	.4	97.2	2.4	.4
31F04 80AR	236	18	283586	4993413	F0 10		GNSS	.8	3.6	.2	1.3	1.5	94.3	4.3	1.5
31F04 80AR	237	18	282507	4993681	TU 10	4.50	SYNT	.0	.3	.0	.1	4.2	65.4	30.5	4.2
31F04 80AR	238	18	273726	4992327	F 10		SYNT	.0	.5	.0	.4	1.6	94.4	4.1	1.6
31F04 80AR	239	18	292694	4997913	F 10		GNSS	.1	1.2	.1	.2	1.4	88.8	9.8	1.4
31F04 80AR	241	18	297864	4999361	T0 10		GRNT	.1	.5	.1	NA	3.0	80.9	16.1	3.0
31F04 80AR	242	18	299279	4998434	TN 10	2.50	GRNT	.0	.3	NA	NA	.6	88.5	10.9	.6
31F04 80AR	243	18	299284	4997121	T0 10		MRBL	.1	.0	.0	.1	5.3	74.4	20.4	5.3
31F04 80AR	244	18	295079	4994391	F 10		DORT	1.5	3.2	.3	.0	NA	NA	NA	NA
31F04 80AR	245	18	294036	4994419	T0 10		DORT	NA	NA	NA	NA	4.8	66.1	29.2	4.8
31F04 80AR	246	18	293418	4997283	T0 10		DORT	.1	1.4	.0	.2	4.7	68.1	27.2	4.7
31F04 80AR	247	18	295080	5003376	F 10		GRNT	.0	.8	.1	.0	3.4	90.2	6.4	3.4
31F04 80AR	248	18	294361	5005414	TU 10		GRNT	.0	.2	NA	NA	6.6	64.9	28.5	6.6
31F04 80AR	249	18	293338	5008454	TN 10		DORT	.0	.1	NA	NA	4.1	62.5	33.4	4.1
31F04 80AR	250	18	293701	5010120	TN 10		DORT	.0	.2	NA	NA	5.0	55.0	39.9	5.0
31F04 80AR	251	18	295463	5012852	T0 10		GNSS	.1	.5	NA	NA	6.0	66.2	27.9	6.0
31F04 80AR	252	18	292320	5011374	F 10		GNSS	.0	.2	.1	.0	2.5	27.1	70.4	2.5
31F04 80AR	253	18	289327	5006304	T0 10		MRBL	.1	.3	NA	NA	7.3	60.0	32.8	7.3
31F04 80AR	254	18	290486	5004696	F 10		GRNT	.1	1.6	.1	.1	1.0	98.0	.9	1.0
31F04 80AR	255	18	293515	5003779	F 10		GRNT	.8	4.4	.1	.6	3.0	90.4	6.6	3.0
31F04 80AR	256	18	294098	5001994	TN 11		DORT	.0	.7	NA	NA	NA	NA	NA	NA
31F04 80AR	256A	18	294098	5001994	AO 01		DORT	NA	NA	.1	.5	3.0	47.4	49.6	3.0
31F04 80AR	369	18	266471	4998109	F 10		MRBL	.3	4.8	.0	.8	.4	97.7	1.9	.4
31F04 80AR	370	18	268563	4997783	T0 10	14.50	MRBL	.0	.1	.0	.2	1.2	75.5	23.3	1.2
31F04 80AR	371	18	269053	4997742	T0 10		MRBL	.0	.1	NA	NA	7.1	67.8	25.1	7.1
31F04 80AR	421	18	299586	5001923	F 10		AMPB	.2	18.3	.0	3.5	2.5	94.6	2.9	2.5
31F04 80AR	422	18	300647	5005774	TN 10		G8BR	.1	.2	.0	.3	3.0	76.3	20.8	3.0
31F04 80AR	423	18	300766	5006667	T0 10		G8BR	.1	.5	NA	NA	3.2	75.8	21.0	3.2
31F04 80AR	424	18	301543	5006903	TN 10		G8BR	.1	11.2	.0	5.7	4.0	69.7	26.3	4.0
31F04 80AR	425	18	301774	5007502	F 10		G8BR	.1	12.3	.1	8.3	.5	99.0	28.0	.5
31F04 80AR	436	18	266501	5009617	TN 112		GNSS	NA	NA	NA	NA	3.2	68.8	28.0	3.2
31F04 80AR	436A	18	266501	5009617	T0 011		GNSS	.0	.1	NA	NA	3.2	73.4	23.5	3.2
31F04 80AR	437	18	268092	5009955	T0 10		GNSS	.1	1.4	.0	.3	2.5	71.6	25.9	2.5
31F04 80AR	439	18	265005	5013248	T0 10	1.50	GNSS	.1	2.4	.1	1.3	2.9	73.0	24.1	2.9
31F04 80AR	440	18	266962	5013841	TN 10		GNSS	.1	.6	NA	NA	2.4	71.5	26.2	2.4
31F04 80AR	441	18	264970	5010021	F 10		GNSS	.2	3.9	.1	.5	.0	99.4	.6	.0
31F04 80AR	445	18	269087	5012384	T0 10		GRNT	.0	.9	NA	NA	2.4	62.0	35.6	2.4
31F04 80AR	446	18	272784	5012060	TN 10		GNSS	.1	.8	NA	NA	4.3	64.6	31.1	4.3
31F04 80AR	447	18	272427	5009253	T0 10		GRNT	.1	.9	NA	NA	1.2	82.6	16.2	1.2
31F04 80AR	448	18	271451	5006607	TU 10		GNSS	.0	.5	.0	.2	1.6	79.1	19.3	1.6
31F04 80AR	449	18	268429	5005280	TN 10		GNSS	.1	1.3	.0	.8	1.9	69.3	28.8	1.9
31F04 80AR	450	18	266533	5003965	F 10		GNSS	NA	NA	.1	.5	.5	96.6	2.9	.5
31F04 80AR	451	18	266537	5000405	TN 10		GNSS	.1	.7	.0	.3	2.7	62.5	34.9	2.7
31F04 80AR	452	18	266956	4999695	T0 10	1.00	GNSS	.1	1.9	.0	.3	1.6	74.7	23.8	1.6

AP	ID	UTM		SAMP	SAMP	BORK	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
		ZN	EAST	COORDINATES	TYPE	DEPTH	NON-CARBONATE	CARBON	NON-CARBONATE	CARBON	XSAND	XSILT
IF04	80AR	453	18 266895	4999434	IN 10		GNSS	.1	.2	.0	.4	.2
IF04	80AR	454	18 265048	5000902	IN 10		GNSS	.1	2.0	.0	.5	12.7
IF04	80AR	459	18 265048	5005821	IN 10		GNSS	.1	1.0	.0	.2	17.4
IF04	80AR	460	18 265747	5004872	IN 10		GNSS	.1	1.4	.0	.1	35.0
IF04	80AR	465	18 302657	4994685	F 10		GRNT	.3	17.9	.1	5.5	20.2
IF04	80AR	466	18 298806	4994799	TU 10		MRBL	.2	2.1	.0	.3	1.1
IF04	80AR	468	18 293019	4988558	F 10		MRBL	.8	20.6	.1	12.8	1.2
IF04	80AR	469	18 292147	4989424	TU 10		MRBL	.1	.3	.0	.1	1.1
IF04	80AR	470	18 268563	4995100	TU 10	3.00	GNSS	.2	.0	.0	.1	19.1
IF04	80AR	471	18 266933	4996781	TU 10		GNSS	.1	.3	.0	.1	33.2
IF04	80AR	485	18 294217	5005851	IN 114	4.00	GRNT	NA	NA	.0	.2	30.2
IF04	80AR	485A	18 294217	5005851	IN 10	3.00	GRNT	NA	NA	.0	.2	38.2
IF04	80AR	485B	18 294217	5005851	IN 10	2.00	GRNT	NA	NA	.0	.1	28.5
IF04	80AR	485C	18 294217	5005851	IN 10	1.00	GRNT	NA	NA	.0	.1	29.8
IF04	80AR	499	18 270024	5012826	TU 10		GRNT	.0	.1	.0	.2	27.4
IF05	80AR	438	18 269555	5014817	TU 10		GNSS	.1	2.8	.0	.3	25.2
IF05	80AR	472	18 274421	5016174	TU 10		MCGL	.1	1.2	.0	.3	21.9
IF05	80AR	473	18 283018	5015944	IN 10		GRNT	.1	.6	.0	.1	31.5
IF05	80AR	474	18 286014	5014947	F 10		GNSS	.0	.3	.0	.2	20.7
IF05	80AR	475	18 289789	5015260	IN 10		GNSS	NA	NA	.0	.1	9.7
IF05	80AR	476	18 293730	5019656	TU 10		GNSS	.1	.7	.0	.1	28.9
IF05	80AR	477	18 294875	5022683	TU 10	.75	GNSS	.1	2.3	.0	.1	20.8
IF05	80AR	478	18 295131	5023461	TU 10		GBRR	.1	2.2	.0	.1	31.2
IF05	80AR	479	18 295463	5024218	IN 10		MCGL	.0	.3	.0	.1	24.3
IF05	80AR	480	18 291279	5026394	IN 10		MCGL	.1	.5	.0	.3	26.4
IF05	80AR	481	18 288053	5025562	IN 10		MCGL	.1	.5	.0	.3	30.4
IF05	80AR	482	18 286381	5024145	TU 10		MCGL	.1	1.3	.0	.3	23.4
IF05	80AR	483	18 285040	5022433	IN 10		MCGL	.1	.5	.0	.1	19.7
IF05	80AR	484	18 282283	5021489	IN 10		MRBL	.1	.7	.0	.1	19.2
IF05	80AR	486	18 298895	5013783	F 10		HVCC	.4	3.3	.0	.3	.6
IF05	80AR	487	18 300266	5016358	IN 10		MRBL	.1	.6	.1	.0	7.2
IF05	80AR	488	18 301160	5016941	IN 10	2.00	HVCC	.2	2.6	.0	.3	20.2
IF05	80AR	488A	18 301160	5016941	IN 00	2.00	HVCC	.1	2.2	.0	.3	4.5
IF05	80AR	489	18 299642	5020046	IN 10		MRBL	.1	.5	.0	.3	61.2
IF05	80AR	490	18 302046	5020612	A 10		MRBL	.1	.3	.0	.3	15.5
IF05	80AR	491	18 301942	5020907	IN 11		MRBL	.1	.3	.0	.3	3.0
IF05	80AR	491A	18 301942	5020907	A 01		MRBL	.1	1.7	.0	.9	20.2
IF05	80AR	492	18 283881	5026256	TU 112		GNSS	.1	.0	.1	.0	19.7
IF05	80AR	492A	18 283881	5026256	TU 011		GNSS	.1	.6	.0	.2	34.0
IF05	80AR	493	18 279312	5026277	F 10		GNSS	.1	.9	.0	.1	.8
IF05	80AR	494	18 278463	5026999	IN 10		GNSS	.1	1.1	.0	.2	29.8
IF05	80AR	495	18 277915	5025887	IN 10		GNSS	.1	.7	.0	.1	31.7
IF05	80AR	496	18 278485	5023225	TU 10	4.00	GNSS	.1	2.2	.0	.2	21.2
IF05	80AR	497	18 278633	5019092	A 10		MRBL	.0	.1	.0	.1	13.6
IF05	80AR	498	18 278766	5018772	VU 10		MRBL	.1	.0	.0	.1	2.2
IF05	80AR	519	18 294966	5041550	F 10		GNSS	.6	.7	.1	.4	63.5
IF05	80AR	520	18 292779	5040661	TU 11	14.00	GNSS	NA	NA	.0	.1	32.0
IF05	80AR	520A	18 292779	5040661	TU 01	17.00	GNSS	.0	.1	.0	.1	33.5
IF05	80AR	521	18 288836	5036133	IN 10		GNSS	.1	.3	.0	.1	18.3
IF05	80AR	522	18 288803	5038249	V 10		GNSS	.1	.0	.0	.1	52.3
												22.9

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AP	ID	UTM ZN	COORDINATES EAST	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	ZSAND	ZSILT	ZCLAY
IF05	80AR	523	18 286238	5040021	10 014	5.00	GNSS	.0	.2	.0	.0	.1	65.3	29.0	5.7
IF05	80AR	523A	18 286238	5040021	10 113	4.50	GNSS	.0	.2	.0	.0	.1	66.7	29.1	4.2
IF05	80AR	523B	18 286238	5040021	10 012	3.00	GNSS	.0	.3	.0	.0	.1	69.4	26.2	4.5
IF05	80AR	523C	18 286238	5040021	10 011	1.75	GNSS	.1	1.0	NA	NA	NA	68.7	28.1	3.1
IF05	80AR	524	18 285464	5037689	1N 10		GNSS	.1	.1	.0	.0	.1	80.2	18.4	1.3
IF05	80AR	525	18 283531	5037080	1N 10		GNSS	.1	.3	.0	.0	.1	79.2	19.4	1.4
IF05	80AR	526	18 279812	5037367	1N 10		GNSS	.0	.4	.0	.0	.1	62.2	32.5	5.3
IF05	80AR	527	18 282744	5032812	1N 10		GNSS	.1	.3	NA	NA	NA	61.5	32.0	6.6
IF05	80AR	528	18 292880	5031378	10 10		GRNT	.1	.1	NA	NA	NA	79.2	18.7	2.2
IF05	80AR	529	18 291483	5032119	10 10		GNSS	.1	1.2	.1	.1	.1	75.5	21.9	2.6
IF05	80AR	530	18 290318	5030510	10P10		GNSS	.1	.8	NA	NA	NA	75.1	23.4	1.5
IF05	80AR	531	18 296923	5032317	F 10		GRNT	.1	.7	.0	.0	.4	56.8	41.0	2.2
IF05	80AR	532	18 295423	5031550	F 10		GRNT	.7	4.3	.1	.1	.4	97.3	1.6	1.1
IF05	80AR	533	18 292019	5028696	10 10		GNSS	.1	2.4	.0	.0	.5	71.1	27.0	2.0
IF05	80AR	534	18 293039	5028264	10 10		GNSS	.1	.7	NA	NA	NA	58.3	35.4	6.3
IF05	80AR	535	18 290401	5026606	F 10		GNSS	.1	.6	.0	.0	.2	99.2	.4	.4
IF05	80AR	535A	18 290401	5026606	F 00		GNSS	.1	.8	.0	.0	.3	98.3	1.1	.6
IF05	80AR	536	18 289200	5027284	1N 10		GNSS	.1	1.3	.0	.0	.2	80.0	17.9	2.1
IF05	80AR	537	18 288255	5028628	10 10		GNSS	.0	.6	.0	.0	.2	67.6	28.6	3.8
IF05	80AR	538	18 286728	5029470	10 10		GNSS	.1	.8	NA	NA	NA	75.9	20.5	3.7
IF05	80AR	539	18 285068	5031408	10 10		GRNT	.1	1.0	NA	NA	NA	NA	NA	NA
IF05	80AR	540	18 288671	5032213	10 10		GRNT	.0	.3	.0	.0	.1	78.8	19.3	1.9
IF05	80AR	541	18 283681	5030849	1N 11	2.50	GRNT	.1	.0	NA	NA	NA	50.2	40.4	9.4
IF05	80AR	541A	18 283681	5030849	1N 01	1.50	GRNT	.0	.1	.0	.0	.1	53.9	38.0	8.2
IF05	80AR	542	18 281379	5029597	10 113	3.00	GRNT	.0	.3	NA	NA	NA	58.3	35.4	6.4
IF05	80AR	542A	18 281379	5029597	10 012	2.00	GRNT	.0	.2	NA	NA	NA	59.0	37.7	3.3
IF05	80AR	542B	18 281379	5029597	10 011	1.00	GRNT	.1	1.2	.0	.0	.3	69.9	28.6	1.5
IF05	80AR	543	18 281812	5029847	1N 10		GRNT	.1	.9	.0	.0	.3	75.7	21.0	3.3
IF05	80AR	544	18 296622	5029313	10 10		GNSS	.1	.7	.0	.0	.3	59.5	37.8	2.7
IF05	80AR	545	18 296620	5029539	10 10		GNSS	.2	1.4	.1	.1	.3	80.8	16.7	2.5
IF05	80AR	546	18 298082	5033802	F 10		GRNT	.2	2.8	.0	.0	.2	99.2	.5	.4
IF05	80AR	547	18 295630	5036793	10 10		GRNT	.1	.4	.0	.0	.3	82.3	15.9	1.8
IF05	80AR	565	18 297508	5040629	F 10		GRNT	NA	NA	.1	.1	1.2	98.1	1.0	.9
IF05	80AR	566	18 299257	5038596	10 113		GRNT	.1	.6	.0	.0	.1	75.6	21.4	3.0
IF05	80AR	566A	18 299257	5038596	10 012		GRNT	.1	.8	.0	.0	.1	73.9	21.7	4.4
IF05	80AR	566B	18 299257	5038596	10 011		GRNT	.0	.1	.0	.0	.1	69.7	24.8	5.6
IF05	80AR	567	18 301074	5038432	10 10		GRNT	.0	.8	.0	.0	.1	68.9	29.4	1.6
IF05	80AR	568	18 300856	5040916	1N 11	2.50	GNSS	.0	.1	.0	.0	.1	63.8	31.0	5.3
IF05	80AR	568A	18 300856	5040916	1N 01	1.50	GNSS	.0	.2	.0	.0	.1	64.0	30.7	5.3
IF05	80AR	569	18 303765	5037939	10 10		GRNT	.1	.4	.0	.0	.1	61.3	29.9	8.9
IF05	80AR	573	18 300530	5027994	1N 10		GNSS	.0	.1	NA	NA	NA	57.0	39.0	4.0
IF05	80AR	574	18 298337	5028032	10 10		GNSS	.1	1.3	.0	.0	.3	73.1	23.2	3.8
IF05	80AR	598	18 303571	5024261	10 11		GNSS	.1	.0	.0	.0	.3	51.5	34.5	14.0
IF05	80AR	598A	18 303571	5024261	10 01		GNSS	.1	.0	.0	.0	.3	68.8	24.9	6.3
IF05	80AR	598B	18 303571	5024261	10 01		GNSS	.1	.3	NA	NA	NA	79.7	15.9	4.5
IF05	80AR	600	18 300162	5034303	10 10		GRNT	.1	.9	.0	.0	.3	75.8	21.3	2.9
IF05	81KAR	607	18 266450	5016400	10 10		GNSS	.1	.8	NA	NA	NA	NA	NA	NA
IF05	81KAR	608	18 267850	5016400	10 10		GNSS	.1	.9	NA	NA	NA	NA	NA	NA
IF05	81KAR	609	18 268875	5018180	10 10		GNSS	.1	2.1	NA	NA	NA	73.8	23.8	2.4
IF05	81KAR	610	18 274750	5022750	F0 10		GNSS	1.8	2.8	NA	NA	NA	NA	NA	NA

MAP	ID	UTM ZN	COORDINATES EAST NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							%NON-CARBONATE	CARBON	EQUIV	%NON-CARBONATE	CARBON	EQUIV	%SAND	%SILT	%CLAY

31F05 81KAR 611	18 269300 5022300	TN 10				GNSS	.2			2.6			NA	NA	NA
31F05 81KAR 612	18 269380 5024860	TN 10				GNSS	.1			4.5			68.6	28.2	3.1
31F05 81KAR 613	18 270170 5026630	TU 10				GNSS	.1			1.3			NA	NA	NA
31F05 81KAR 614	18 271430 5032760	TU 10				GNSS	.1			1.8			73.9	22.3	3.8
31F05 81KAR 615	18 271850 5035550	TU 10				GNSS	.1			1.4			73.9	22.4	3.7
31F05 81KAR 616	18 269320 5041050	TU 10				GNSS	.0			.9			NA	NA	NA
31F05 81KAR 617	18 267730 5041175	TU 10				GNSS	.0			.4			58.7	30.1	11.2
31F05 82SAR 320	18 293100 5031900	TU 11				GNSS	.2			.4			NA	NA	NA
31F05 82SAR 321	18 289800 5026780	TU 10				GNSS	.2			.7			NA	NA	NA
31F05 82SAR 322	18 287450 5025100	TU 10			2.00	GNSS	.1			.1			NA	NA	NA
31F05 82SAR 323	18 288100 5025630	TU 10				GNSS	.1			.6			NA	NA	NA
31F05 82SAR 324	18 284960 5027150	TN 10				GNSS	.2			.2			NA	NA	NA
31F05 82SAR 325	18 283725 5028360	TN 10				GNSS	.1			.2			NA	NA	NA
31F05 82SAR 326	18 283950 5029000	TU 10				GNSS	.0			.1			NA	NA	NA
31F05 82SAR 327	18 283950 5030000	TU 10				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 328	18 283140 5030280	TN 10			1.50	GNSS	.2			.3			NA	NA	NA
31F05 82SAR 329	18 283560 5030325	TU 10				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 330	18 283240 5030200	TU 10				GNSS	.1			.3			NA	NA	NA
31F05 82SAR 331	18 291220 5039850	VU 10				GNSS	.0			.1			NA	NA	NA
31F05 82SAR 332	18 295000 5025740	TU 01				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 332A	18 295000 5025740	TU 11				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 333	18 294040 5025400	TU 10				GNSS	.1			.3			NA	NA	NA
31F05 82SAR 334	18 292825 5025600	TU 10				GNSS	.2			.5			NA	NA	NA
31F05 82SAR 335	18 289800 5026625	TU 10				GNSS	.2			.7			NA	NA	NA
31F05 82SAR 336	18 288920 5027450	FU 10				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 337	18 288450 5027600	FU 10				GNSS	1.1			3.7			NA	NA	NA
31F05 82SAR 338	18 288350 5028040	TU 10				GNSS	.2			.5			NA	NA	NA
31F05 82SAR 339	18 286670 5029460	TU 10				GNSS	.2			.6			NA	NA	NA
31F05 82SAR 340	18 286380 5029610	TN 10				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 340A	18 286380 5029610	TU 00				GNSS	.1			.3			NA	NA	NA
31F05 82SAR 341	18 285640 5031150	TN 10				GNSS	.2			.3			NA	NA	NA
31F05 82SAR 342	18 284400 5031900	TN 11				GNSS	2.0			7.8			NA	NA	NA
31F05 82SAR 342A	18 284400 5031900	TN 01				GNSS	.3			.7			NA	NA	NA
31F05 82SAR 343	18 283950 5031890	TU 10				GNSS	.1			.1			NA	NA	NA
31F05 82SAR 345	18 286890 5029360	FU 10				GNSS	.8			3.6			NA	NA	NA
31F05 82SAR 346	18 287300 5029210	TU 10				GNSS	.2			.3			NA	NA	NA
31F05 82SAR 347	18 288150 5028760	CU 10				GNSS	.2			.5			NA	NA	NA
31F05 82SAR 348	18 288350 5028170	TU 10				GNSS	.3			1.1			NA	NA	NA
31F05 82SAR 349	18 288450 5027600	FU 10				GNSS	.8			1.9			NA	NA	NA
31F05 82SAR 350	18 288850 5027450	TU 10				GNSS	.5			1.2			NA	NA	NA
31F05 82SAR 350	18 288850 5027450	TU 10				GNSS	.5			1.2			NA	NA	NA
31F06 80AR 548	18 320694 5034735	F 10				GNSS	.1			23.6			67.6	28.6	3.8
31F06 80AR 549	18 318770 5033491	TU 10				GNSS	.1			10.3			58.3	31.0	10.7
31F06 80AR 550	18 318448 5032849	TU 10				GNSS	.1			.6			62.1	27.0	10.9
31F06 80AR 551	18 318306 5029867	TU 10				NPLS	.2			2.8			68.7	26.7	4.6
31F06 80AR 552	18 318141 5028909	TU 112				NPLS	.1			.4			68.0	23.5	8.5
31F06 80AR 552A	18 318141 5028909	TU 011				NPLS	.1			.8			65.1	25.0	9.3
31F06 80AR 553	18 320941 5024312	F 10				GRNT	.4			41.3			97.0	1.9	1.1
31F06 80AR 554	18 318257 5022612	TU 10				MRBL	.1			.3			62.2	28.0	9.9
31F06 80AR 555	18 318348 5021299	TU 10				MRBL	.1			.2			45.0	37.4	17.3

MAP

ID

UTM

COORDINATES

SAMP

SAMP

BORK

SILT PLUS CLAY-SIZED FRACT

FINE SAND-SIZED FRACT

L.T. 2MM FRACTION

ZN

EAST

NORTH

TYPE

DEPTH

TYPE

XCAC03

XCAC03

XSAND

EQUIV

CARBON

CARBON

EQUIV

XSILT

XCCLAY

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31F06 80AR	556	18	315866	5021028	10P10	MRBL	.1	.6	NA	NA	61.7	27.7	10.6
31F06 80AR	557	18	315680	5020848	10	MRBL	.1	.3	.1	.0	31.0	54.3	14.7
31F06 80AR	558	18	313676	5019833	F 10	MRBL	.1	13.3	.1	11.4	87.5	11.1	1.4
31F06 80AR	559	18	314273	5017195	10 10	MRBL	.1	.7	.0	.2	69.2	25.4	5.5
31F06 80AR	560	18	314396	5013775	F 10	GRNT	.1	19.8	.0	4.6	98.0	1.1	.9
31F06 80AR	562	18	323663	5020180	F 10	MRBL	.8	4.1	.2	.3	91.7	4.6	3.7
31F06 80AR	563	18	328521	5028690	10 10	GNSS	.1	.5	.0	.1	66.1	28.3	5.6
31F06 80AR	564	18	327305	5029491	10 10	GNSS	.1	.4	.0	NA	57.4	30.1	12.5
31F06 80AR	570	18	305685	5023033	F 10	GNSS	.7	45.8	.0	3.8	97.6	1.7	.6
31F06 80AR	571	18	306001	5031016	10 10	MRBL	.1	.8	.0	.1	96.5	2.4	1.1
31F06 80AR	572	18	305784	5030665	F 10	GNSS	.2	2.6	.0	.5	56.2	37.7	6.1
31F06 80AR	575	18	304183	5019872	10 10	MRBL	.1	.3	.0	.3	98.3	1.3	.4
31F06 80AR	576	18	304264	5018380	A 10	MRBL	.1	1.0	.0	.3	78.7	17.3	4.1
31F06 80AR	577	18	306058	5014942	10 10	MRBL	.0	.3	.0	.1	65.7	23.8	10.6
31F06 80AR	578A	18	309424	5014919	10 112	MRBL	.4	.2	.0	.3	72.7	22.9	4.8
31F06 80AR	579	18	306801	5016635	10 10	MRBL	.1	.9	.0	.1	67.7	26.9	5.9
31F06 80AR	580	18	318510	5035509	10 10	GNSS	.1	14.3	.0	4.8	67.0	30.0	3.0
31F06 80AR	581	18	315623	5034774	10 10	GNSS	.1	25.3	.0	7.2	57.0	28.0	15.0
31F06 80AR	582	18	314248	5034721	10 01	MRBL	.1	20.3	.0	8.7	56.3	27.9	15.8
31F06 80AR	582A	18	314248	5034721	10 01	MRBL	.1	25.7	.0	8.1	60.1	27.4	12.5
31F06 80AR	582B	18	314248	5034721	10 11	MRBL	.1	22.7	.0	5.4	56.4	29.5	14.1
31F06 80AR	582C	18	314248	5034721	10 01	MRBL	.1	25.7	.0	10.3	51.3	30.1	18.6
31F06 80AR	582D	18	314248	5034721	10 01	MRBL	.1	29.4	.0	7.9	57.4	28.4	14.2
31F06 80AR	583	18	313566	5034588	10 10	GNSS	.1	20.6	.0	10.6	53.9	31.2	14.5
31F06 80AR	584	18	309817	5033701	10 112	GNSS	.1	11.4	.0	3.0	57.2	36.4	6.4
31F06 80AR	584A	18	309817	5033701	10P011	GNSS	.0	14.5	.0	6.3	52.6	34.3	13.0
31F06 80AR	585	18	308850	5033244	10 014	MRBL	.0	.3	.0	.1	59.1	29.5	11.4
31F06 80AR	585A	18	308850	5033244	10 113	MRBL	.0	.6	NA	NA	56.4	30.8	12.9
31F06 80AR	585B	18	308850	5033244	10 012	MRBL	.2	1.3	NA	NA	60.7	32.8	6.5
31F06 80AR	585C	18	308850	5033244	A0 011	MRBL	.7	4.4	.0	.8	58.1	33.7	8.2
31F06 80AR	586	18	308660	5030647	10 112	MRBL	.0	.3	.0	.1	56.7	34.5	8.8
31F06 80AR	586A	18	308660	5030647	10 011	.15 MRBL	.0	.6	.0	.1	68.7	26.9	4.4
31F06 80AR	587	18	311598	5022025	10 112	.23 MRBL	.1	16.3	.0	.1	56.6	32.6	10.8
31F06 80AR	587A	18	311598	5022025	10 011	.35 GRNT	.1	13.7	.0	7.3	57.9	32.7	9.4
31F06 80AR	588	18	310144	5019299	F 10	.20 GRNT	.4	2.3	.0	4.8	98.1	1.1	.8
31F06 80AR	589	18	307507	5023342	10 10	MRBL	.0	14.3	.0	.2	56.8	33.6	9.6
31F06 80AR	590	18	306545	5023370	10P10	NPLS	.1	.8	.0	4.8	70.9	25.7	3.4
31F06 80AR	591	18	307190	5023889	10P10	MRBL	.1	.3	.0	.3	62.9	27.1	10.0
31F06 80AR	592	18	311900	5041025	F 10	GRNT	NA	NA	.0	.5	99.1	.2	.7
31F06 80AR	593	18	313175	5036177	F 10	MRBL	.1	.8	.0	1.2	29.6	51.5	18.9
31F06 80AR	594	18	312824	5035542	F 10	GNSS	.1	21.5	.0	3.5	99.3	.3	.4
31F06 80AR	595	18	305664	5028221	10P10	GNSS	.1	.1	.0	.1	72.1	22.9	5.0
31F06 80AR	596	18	305206	5027007	10P10	NPLS	.2	1.8	.0	.1	72.2	23.9	3.9
31F06 80AR	597	18	304508	5026693	10 10	NPLS	.1	.9	.0	.1	68.5	25.1	6.4
31F06 80AR	599	18	306313	5023535	10 10	NPLS	.2	.9	NA	NA	66.9	26.8	6.3
31F06 80AR	601	18	305822	5036204	10 11	GNSS	NA	NA	.0	.1	49.1	40.8	10.2
31F06 80AR	601A	18	305822	5036204	10 01	GNSS	.1	.2	NA	NA	63.1	31.2	5.7
31F06 80AR	602	18	307940	5038957	10 10	GRNT	.1	.4	NA	NA	74.9	22.0	3.1
31F06 80AR	603	18	307431	5039625	F0 10	GRNT	.2	2.7	NA	NA	97.5	2.0	.5

AP	ID	UTM		COORDINATES	SAMP	SAMP	BORK	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION	
		ZN	EAST	NORTH	TYPE	DEPTH	TYPE	ZNON-CARBONATE	ZCAC03	EQUIV	ZNON-CARBONATE	ZCAC03	EQUIV	ZSAND	ZSILT
1F06	80AR	604	18	304974	5041173	TOP112	GNSS	.1	.2	.0	.0	.2	.0	74.4	18.2
1F06	80AR	604A	18	304974	5041173	F0 011	GNSS	.4	2.3	.1	.1	1.4	.1	43.7	52.8
1F06	80AR	612	18	314985	5039627	F 10	MRBL	.2	.6	.1	.1	.0	.1	55.0	41.6
1F06	80AR	613	18	315113	5039733	FN 10	MRBL	.1	.3	.0	.0	.1	.1	77.8	20.6
1F06	80AR	614	18	315601	5039834	TU 112	SYNT	.1	20.7	.0	.0	10.0	.0	61.0	27.5
1F06	80AR	614A	18	315601	5039834	TU 011	SYNT	.1	19.2	.1	.1	10.9	.1	59.9	29.6
1F06	80AR	615	18	317754	5039865	F 10	GNSS	.2	20.9	.1	.1	9.8	.1	97.3	1.6
1F06	80AR	625	18	332134	5040351	TU 10	GNSS	.1	22.1	.0	.0	8.9	.0	65.7	25.3
1F06	80AR	626	18	330051	5037624	F 10	NPLS	.2	18.0	.0	.0	NA	.0	98.1	.7
1F06	80AR	627	18	330785	5035067	F 10	NPLS	.1	22.3	.0	.0	8.1	.0	96.9	1.7
1F06	80AR	628	18	329801	5038193	F0 10	NPLS	1.2	21.8	.1	.1	9.7	.1	92.0	4.5
1F06	80AR	629	18	323605	5032828	TU 10	NPLS	.1	11.4	.0	.0	5.5	.0	75.9	18.9
1F06	80AR	630	18	325770	5030353	F 10	GNSS	.6	3.4	.1	.1	.2	.1	96.3	2.2
1F06	80AR	631	18	324520	5029197	TU 10	NPLS	.3	1.3	.0	.0	.2	.0	64.0	28.2
1F06	80AR	632	18	323870	5029068	TU 10	NPLS	.3	1.1	.0	.0	NA	.0	73.7	19.1
1F06	80AR	633	18	330534	5030831	F 10	MRBL	.1	10.8	.1	.1	4.6	.1	98.5	.8
1F06	80AR	634	18	331154	5030631	F 10	GNSS	.1	10.6	.0	.0	6.0	.0	80.1	17.1
1F06	80AR	712	18	337643	5039791	TU 10	LMST	.1	34.8	.0	.0	21.1	.0	49.5	33.1
1F06	80AR	713	18	338471	5037520	TU 10	LMST	.1	51.3	.0	.0	23.7	.0	48.1	38.7
1F06	80AR	714	18	340737	5036922	TU 10	GNSS	.1	38.3	.0	.0	23.3	.0	69.8	23.3
1F06	80AR	715	18	342683	5037521	TU 10	LMST	.1	32.6	.0	.0	17.1	.0	57.1	31.2
1F06	80AR	716	18	340201	5032581	TU 10	MRBL	.1	31.2	.0	.0	16.5	.0	66.1	25.5
1F06	80AR	717	18	343206	5031205	F 10	GNSS	.1	.8	.0	.0	.3	.0	90.4	8.4
1F06	80AR	722	18	343116	5025898	F 10	MRBL	.2	32.0	.0	.0	20.3	.0	91.2	2.8
1F06	80AR	727	18	337057	5040279	TU 113	LMST	.1	21.4	.0	.0	10.1	.0	46.9	38.9
1F06	80AR	727A	18	337057	5040279	TU 012	LMST	.1	20.4	.0	.0	10.6	.0	48.3	39.5
1F06	80AR	727B	18	337057	5040279	TU 011	LMST	.1	30.3	.0	.0	12.4	.0	54.2	34.3
1F06	80AR	728	18	335425	5036536	TU 10	MRBL	.1	14.3	.0	.0	5.5	.0	58.8	32.4
1F06	80AR	729	18	333771	5033784	F 10	MRBL	.1	22.5	.1	.1	16.6	.1	94.2	3.9
1F06	80AR	730	18	333039	5031573	F0 10	SYNT	.6	27.8	.1	.1	16.5	.1	80.2	16.3
1F06	80AR	731	18	332965	5031018	TU 11	MRBL	.1	23.2	.0	.0	11.5	.0	51.0	33.4
1F06	80AR	731A	18	332965	5031018	TU 01	MRBL	.1	20.9	.0	.0	11.5	.0	37.4	46.9
1F06	80AR	731B	18	332965	5031018	TU 01	MRBL	.1	19.5	.0	.0	11.6	.0	70.9	23.3
1F06	80AR	731C	18	332965	5031018	TU 01	MRBL	.1	18.1	.0	.0	12.4	.0	91.6	6.8
1F06	80AR	732	18	334501	5030485	F 10	GNSS	.1	17.8	.0	.0	9.6	.0	79.2	16.9
1F06	80AR	733	18	336537	5029738	F 10	LMST	.1	21.0	.0	.0	7.4	.0	96.2	3.0
1F06	80AR	734	18	336614	5028898	TU 10	GNSS	.1	8.5	.0	.0	6.1	.0	49.7	37.6
1F06	80AR	735	18	337174	5029007	TU 10	GNSS	.1	8.0	.0	.0	3.0	.0	54.9	32.5
1F06	80AR	743	18	337394	5016098	TU 10	GNSS	.1	17.3	.0	.0	10.8	.0	77.3	21.4
1F06	80AR	744	18	336130	5015211	TU 10	MRBL	.1	1.0	.0	.0	NA	.0	70.9	21.4
1F07	80AR	718	18	343845	5031296	F 10	MAFR	.1	.5	.0	.0	NA	.0	85.9	12.3
1F07	80AR	719	18	345451	5031977	TU 10	GNSS	.1	36.4	.0	.0	19.5	.0	60.0	27.7
1F07	80AR	720	18	347153	5030978	TU 10	GNSS	.2	24.6	.0	.0	10.2	.0	51.4	33.7
1F07	80AR	721	18	345635	5025801	TU 10	MRBL	.1	19.8	.0	.0	11.3	.0	67.5	25.3
1F07	80AR	724	18	344021	5039907	MU 10	GNSS	.1	.1	.0	.0	NA	.0	13.4	41.2
1F07	80AR	725	18	343715	5037990	F 10	GNSS	.1	25.8	.0	.0	16.4	.0	97.1	1.8
1F07	80AR	726	18	345968	5034217	TU 112	GRNT	.1	35.4	.0	.0	14.5	.0	48.1	39.1
1F07	80AR	726A	18	345968	5034217	TM 011	GRNT	.1	37.0	.0	.0	13.7	.0	48.5	37.3
1F07	81KAR	28	18	373500	5012500	TU 10	MRBL	.3	.7	.0	.0	NA	.0	NA	NA
1F07	81KAR	31	18	364740	5012550	TU 10	MVCC	.2	.9	.0	.0	NA	.0	NA	NA

AP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT		FINE SAND-SIZED FRACT		L.T. 2MM FRACTION	
								%NON-CARBONATE CARBON	%CACO3 EQUIV	%NON-CARBONATE CARBON	%CACO3 EQUIV	%SAND	%SILT %CLAY
IF07	82KAR	759H	18	376350	5033370	TU 01	GRNT	.2	21.0	NA	NA	NA	NA
IF07	82KAR	759X	18	376350	5033370	TU 01	GRNT	.6	3.4	NA	NA	NA	NA
IF07	82KAR	759Y	18	376350	5033370	TU 01	GRNT	1.0	2.4	NA	NA	NA	NA
IF07	82KAR	759	18	376350	5033370	TU 11	GRNT	.1	20.8	NA	NA	NA	NA
IF07	82KAR	759A	18	376350	5033370	TU 01	GRNT	.1	19.1	NA	NA	NA	NA
IF07	82KAR	759B	18	376350	5033370	TU 01	GRNT	.1	18.3	NA	NA	NA	NA
IF07	82KAR	759C	18	376350	5033370	TU 01	GRNT	.1	19.4	NA	NA	NA	NA
IF07	82KAR	759D	18	376350	5033370	TU 01	GRNT	.1	23.5	NA	NA	NA	NA
IF07	82KAR	759E	18	376350	5033370	TU 01	GRNT	.1	17.7	NA	NA	NA	NA
IF07	82KAR	759F	18	376350	5033370	TU 01	GRNT	.1	14.9	NA	NA	NA	NA
IF07	82KAR	759G	18	376350	5033370	TU 01	GRNT	.1	21.9	NA	NA	NA	NA
IF07	82KAR	759H	18	376350	5033370	TU 01	GRNT	.0	16.3	NA	NA	NA	NA
IF07	82KAR	760X	18	376350	5033370	CO 01	GRNT	1.4	55.7	NA	NA	NA	NA
IF07	82KAR	760	18	376350	5033370	TU 11	GRNT	.1	29.1	NA	NA	NA	NA
IF07	82KAR	760A	18	376350	5033370	FO 01	GRNT	.0	13.7	NA	NA	NA	NA
IF07	82KAR	760B	18	376350	5033370	TU 01	GRNT	.0	31.5	NA	NA	NA	NA
IF07	82KAR	760C	18	376350	5033370	TU 01	GRNT	.1	27.3	NA	NA	NA	NA
IF07	82KAR	760D	18	376350	5033370	TU 01	GRNT	.1	28.4	NA	NA	NA	NA
IF07	82KAR	760E	18	376350	5033370	TU 01	GRNT	.1	22.5	NA	NA	NA	NA
IF07	82KAR	761	18	376150	5034480	TU 11	GRNT	.1	38.8	NA	NA	NA	NA
IF07	82KAR	762	18	377220	5032700	FN 10	GRNT	.2	.3	NA	NA	NA	NA
IF07	82KAR	763	18	376800	5033100	TU 10	GRNT	.1	18.8	NA	NA	NA	NA
IF07	80SAR	11	18	377082	5026163	TU 10	4.00 MRBL	.1	13.0	NA	NA	NA	NA
IF07	80SAR	12	18	378204	5027025	TU 10	2.00 MRBL	.1	13.6	NA	NA	NA	NA
IF07	80SAR	13	18	375316	5024998	TU 10	1.50 MRBL	.2	.7	NA	NA	NA	NA
IF07	80SAR	14	18	375109	5024807	TU 10	1.50 MAFR	.1	.3	NA	NA	NA	NA
IF07	80SAR	15	18	360383	5014607	CO 10	MAFR	.1	23.5	NA	NA	NA	NA
IF07	80SAR	16	18	372794	5024630	F 10	2.00 GRNT	.1	.0	NA	NA	NA	NA
IF07	80SAR	27J	18	376640	5027800	TU 01	1.50 MRBL	.1	14.8	NA	NA	NA	NA
IF07	80SAR	27K	18	376640	5027800	TU 01	3.00 MRBL	.1	.8	NA	NA	NA	NA
IF07	80SAR	27	18	376640	5027800	TU 119	21.70 MRBL	.1	14.8	NA	NA	NA	NA
IF07	80SAR	27A	18	376640	5027800	TU 018	19.70 MRBL	.1	14.3	NA	NA	NA	NA
IF07	80SAR	27B	18	376640	5027800	TU 017	18.00 MRBL	.1	13.3	NA	NA	NA	NA
IF07	80SAR	27C	18	376640	5027800	TU 016	15.00 MRBL	.1	14.9	NA	NA	NA	NA
IF07	80SAR	27D	18	376640	5027800	TU 015	13.00 MRBL	.0	14.2	NA	NA	NA	NA
IF07	80SAR	27E	18	376640	5027800	TU 014	10.50 MRBL	.1	13.8	NA	NA	NA	NA
IF07	80SAR	27F	18	376640	5027800	TU 013	8.50 MRBL	.1	14.8	NA	NA	NA	NA
IF07	80SAR	27G	18	376640	5027800	TU 012	6.50 MRBL	.1	13.3	NA	NA	NA	NA
IF07	80SAR	27H	18	376640	5027800	TU 011	4.50 MRBL	.1	12.5	NA	NA	NA	NA
IF07	80SAR	27I	18	376640	5027800	TU 01	3.00 MRBL	.1	13.8	NA	NA	NA	NA
IF07	80SAR	28	18	367147	5030124	TU 10	GRNT	.1	16.5	NA	NA	NA	NA
IF07	80SAR	29	18	375850	5027520	TOP10	1.00 GRNT	.3	.5	NA	NA	NA	NA
IF07	80SAR	30	18	372908	5030957	TU 10	1.50 GRNT	.1	22.3	NA	NA	NA	NA
IF07	80SAR	31	18	370311	5029347	TU 11	GRNT	.1	.8	NA	NA	NA	NA
IF07	80SAR	31A	18	370311	5029347	CO 01	GRNT	.1	.9	NA	NA	NA	NA
IF07	80SAR	32	18	372329	5025103	TU 10	GRNT	.2	.3	NA	NA	NA	NA
IF07	80SAR	33	18	362305	5022941	IMP011	MRBL	.3	13.4	NA	NA	NA	NA
IF07	80SAR	33A	18	362305	5022941	TN 112	MRBL	.1	18.6	NA	NA	NA	NA
IF07	80SAR	34	18	360733	5022869	TU 10	GNSS	.2	30.1	NA	NA	NA	NA
IF07	80SAR	35	18	351721	5019897	TU 10	MRBL	.2	32.7	NA	NA	NA	NA

AP	ID	UTM ZN	COORDINATES EAST	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							%NON-CARBONATE	%CACO3	EQUIV	%NON-CARBONATE	%CACO3	EQUIV	%SAND	%SILT	%CLAY
IF07	80SAR	36	18 351911	5019476	TU 11	MRBL	.1	20.3	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	36A	18 351911	5019476	TU 01	MRBL	.1	17.5	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	36B	18 351911	5019476	TU 01	MRBL	.2	4.2	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	37	18 354760	5012581	F 10	MRBL	1.0	40.9	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	38	18 376887	5020543	F 10	GRNT	.7	26.8	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	39	18 373078	5021668	F 10	GRNT	.1	17.3	NA	NA	NA	NA	NA	NA	NA
IF07	80SAR	40	18 368891	5019143	F 10	GRNT	.1	18.0	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	129	18 366560	5017220	TU 10	MRBL	.1	18.0	NA	NA	NA	NA	84.6	13.4	2.1
IF07	81SAR	130	18 365550	5013670	TU 11	MVCC	.1	30.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	131	18 365550	5013670	TU 01	MVCC	.1	49.1	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	131	18 370480	5016560	F 10	MVCC	.4	38.7	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	132	18 371700	5018150	F 10	MVCC	1.2	24.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	134	18 360075	5036000	TU 10	MAFR	.1	23.1	NA	NA	NA	NA	54.7	35.0	10.3
IF07	81SAR	135	18 357600	5036025	TU 10	GNSS	.1	52.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	136	18 354000	5035750	TU 10	GNSS	.4	35.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	137	18 353970	5035900	TU 10	GNSS	.2	37.1	NA	NA	NA	NA	60.3	30.7	9.0
IF07	81SAR	138	18 350675	5035100	F 10	GRNT	.1	23.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	139	18 349950	5033210	F 10	GNSS	.4	1.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	140	18 350000	5033075	TU 10	GNSS	.3	23.2	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	141	18 350700	5031250	TU 10	GNSS	.2	25.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	142	18 352600	5032000	TU 10	MRBL	.9	30.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	143	18 354520	5033310	TU 10	MRBL	.1	39.3	NA	NA	NA	NA	48.2	34.6	17.2
IF07	81SAR	145	18 356460	5033140	TU 10	MSDM	.2	40.5	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	146	18 357475	5031450	TU 10	MSDM	.7	31.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	147	18 351900	5026100	TU 10	MRBL	.1	24.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	148	18 347820	5025125	F 10	MRBL	.8	50.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	149	18 346000	5024700	TU 10	MAFR	.8	18.4	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	150	18 351000	5021350	F 10	MRBL	.3	25.6	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	151	18 352160	5019900	F 01	MRBL	.1	17.4	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	151A	18 352160	5019900	F 11	MRBL	.1	19.1	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	152	18 353925	5018300	TU 10	GNSS	.1	14.6	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	168	18 367540	5035300	MU 10	MAFR	.2	10.9	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	169	18 368550	5029350	TU 10	GRNT	.1	6.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	170	18 361700	5025400	TU 10	MRBL	.1	18.4	NA	NA	NA	NA	63.5	27.0	9.5
IF07	81SAR	171	18 361350	5025220	TU 10	MRBL	.1	21.6	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	172	18 360550	5024000	TU 10	MRBL	.1	34.8	NA	NA	NA	NA	59.6	31.4	9.0
IF07	81SAR	173	18 358880	5022390	TU 10	MRBL	.1	30.9	NA	NA	NA	NA	46.4	34.0	19.7
IF07	81SAR	174	18 360100	5019900	TU 10	MRBL	.1	34.3	NA	NA	NA	NA	46.7	39.2	14.2
IF07	81SAR	175	18 360380	5018660	TU 10	MRBL	.4	24.6	NA	NA	NA	NA	49.7	36.4	13.5
IF07	81SAR	176	18 358700	5014720	TU 10	MRBL	.1	32.4	NA	NA	NA	NA	45.6	43.1	11.3
IF07	81SAR	177	18 358700	5014720	TU 10	MRBL	.1	26.8	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	180	18 352825	5023680	TU 10	GNSS	.1	23.5	NA	NA	NA	NA	57.7	31.9	10.4
IF07	81SAR	181	18 351075	5029000	TU 10	MRBL	.1	33.0	NA	NA	NA	NA	51.5	32.7	15.9
IF07	81SAR	182	18 344750	5031125	F0P00	NPLS	.1	6.0	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	182A	18 344750	5031125	TU 10	GRNT	.1	4.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	183	18 345450	5036150	TU 11	GRNT	.1	31.8	NA	NA	NA	NA	52.3	31.0	16.8
IF07	81SAR	183A	18 345450	5036150	TU 01	GRNT	.1	31.3	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	184	18 347400	5039480	MU 10	GNSS	.1	.1	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	194	18 374575	5025750	TU 10	GRNT	.1	10.5	NA	NA	NA	NA	NA	NA	NA
IF07	81SAR	290	18 377150	5033380	TU 10	GRNT	NA	NA	NA	NA	NA	NA	54.1	28.2	17.7

VP	ID	UTM ZN	EAST	COORDINATES NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.I. 2MM FRACTION		
								ZNEN-CARBONATE CARBON	ZCAC03 EQUIV	NA	ZNON-CARBONATE CARBON	ZCAC03 EQUIV	NA	ZSAND	ZSILT	ZCLAY
1F07	815AR 293	18	380500	5037590	PD 10		MRBL	NA	NA	NA	NA	NA	NA	.2	25.6	74.2
1F08	82KAR 824	18	342580	5029600	PN 10		LMST	.1	.1	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 825	18	382950	5028200	PN 10		LMST	.2	.7	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 826	18	383600	5026000	PN 10		MRBL	.1	.1	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 827	18	386800	5025000	PN 10		LMST	.2	4.3	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 842	18	393150	5022900	MU 10		LMST	.1	.7	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 843	18	391700	5022800	TN 10		MRBL	.1	28.2	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 844	18	399000	5023400	MU 10		MRBL	.1	.0	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 845	18	388000	5023800	MU 10		LMST	.1	2.2	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 846	18	396240	5022800	MU 10		LMST	.0	18.8	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 847	18	397300	5022300	MU 10		LMST	.1	16.1	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 848	18	410300	5022300	MU 10		LMST	.1	8.1	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 849	18	405200	5017300	PD 10		LMST	.4	67.3	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 850	18	409200	5015800	PD 10		LMST	.1	12.9	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 851	18	412400	5018400	MU 10		LMST	.2	8.6	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 852	18	416000	5017300	TU 112		LMST	.1	30.4	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 852A	18	416000	5017300	FO 011		LMST	.1	20.9	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 853	18	418800	5015800	MU 10		LMST	.1	10.9	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 854	18	420500	5014300	FO 10		LMST	.4	64.0	NA	NA	NA	NA	NA	NA	NA
1F08	82KAR 855	18	420900	5013110	FO 10		LMST	.1	22.0	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 5	18	393558	5013080	VO 10		GRNT	.1	.7	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 6	18	385920	5017662	TN 10		MAFR	.1	15.2	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 8	18	395622	5019595	TU 11		GRNT	.0	24.1	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 8A	18	395622	5019595	TU 01		GRNT	.1	23.3	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 8B	18	395622	5019595	TO 01		GRNT	.0	14.3	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 8C	18	395622	5019595	TO 01		GRNT	.1	1.3	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 9	18	393619	5020891	CU 10		MAFR	.4	2.0	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 10	18	391707	5022924	TU 10	2.00	MRBL	.1	26.1	NA	NA	NA	NA	NA	NA	NA
1F08	80SAR 26	18	391034	5031874	TO 10		GNSS	.1	33.1	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 120	18	416430	5026720	CO 10		GNSS	.7	3.8	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 121	18	418630	5028700	MU 10	3.00	DLMT	.2	10.1	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 122	18	411680	5021870	MU 10		LMST	.1	9.5	NA	NA	NA	NA	3.1	35.9	61.0
1F08	81SAR 123	18	410925	5020250	TU 10		LMST	.1	26.4	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 124	18	405650	5017625	MU 10		LMST	.2	7.5	NA	NA	NA	NA	3.2	27.2	69.7
1F08	81SAR 125	18	420950	5015125	TU 112		LMST	.2	25.3	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 125A	18	420950	5015125	MD 011		LMST	.2	20.5	NA	NA	NA	NA	6.9	39.0	54.1
1F08	81SAR 276	18	392025	5029675	MD 10	1.50	MRBL	.2	.1	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 277	18	38821	5026180	MD 10	2.00	LMST	.1	.2	NA	NA	NA	NA	.1	10.9	89.1
1F08	81SAR 278	18	387100	5022550	TN 10		MRBL	.1	9.4	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 279	18	383850	5011800	F 10		MAFR	.1	12.2	NA	NA	NA	NA	NA	NA	NA
1F08	81SAR 280	18	384130	5012920	TO 10		MRBL	.1	9.8	NA	NA	NA	NA	78.1	16.6	5.3
1F08	81SAR 283	18	383400	5022900	TO 10		MRBL	NA	NA	NA	NA	NA	NA	55.3	34.6	10.1
1F08	81SAR 285	18	382800	5029250	TN 10		MRBL	NA	NA	NA	NA	NA	NA	56.0	26.5	17.6
1F08	81SAR 294	18	386900	5035180	TO 10		SHLE	NA	NA	NA	NA	NA	NA	.1	9.0	91.0
1F08	81SAR 296	18	394420	5030875	TO 10		MRBL	NA	NA	NA	NA	NA	NA	56.6	36.0	7.4
1F08	81SAR 297	18	400325	5029410	MU 10		DLMT	NA	NA	NA	NA	NA	NA	.1	39.1	60.9
1F08	81SAR 300	18	412480	5026440	TO 10		MRBL	NA	NA	NA	NA	NA	NA	73.6	20.6	5.8
1F08	81SAR 305	18	414600	5031600	MD 10		LMST	NA	NA	NA	NA	NA	NA	11.3	35.3	53.5
1F08	81SAR 307	18	414920	5031300	PD 10		LMST	NA	NA	NA	NA	NA	NA	21.3	36.4	42.4
1F08	81SAR 308	18	400660	5021610	MN 10		LMST	NA	NA	NA	NA	NA	NA	3.3	38.5	58.3

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MAP	ID	UTM ZN	COORDINATES EAST NORTH	SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							ZNON-CARBONATE CARBON	XCAC03 EQUIV	XCAC03 EQUIV	ZNON-CARBONATE CARBON	XCAC03 EQUIV	XCAC03 EQUIV	XSAND	XSILT	XCCLAY
31F08 81SAR 309	18 399210	5017700	M0 10	DLMT	NA	NA	NA	NA	NA	NA	NA	NA	.1	26.1	73.9
31F08 81SAR 314	18 396000	5012900	T0 10	2.00 MAFR	.1	14.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F08 81SAR 315	18 391280	5013700	M0 10	GNSS	.3	12.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F08 81SAR 316	18 390480	5014240	TOP10	AMPB	.4	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F10 80AR 607	18 304806	5048085	T0 10	GNSS	.1	.0	NA	NA	NA	NA	NA	NA	74.2	22.8	3.0
31F10 80AR 690	18 348525	5049422	F 10	MRBL	.4	36.8	.1	10.2	10.7	89.4	7.4	3.2	89.4	7.4	3.2
31F10 80AR 691	18 349213	5048721	F 01	MRBL	.0	9.7	.0	6.6	6.6	86.5	12.4	1.2	86.5	12.4	1.2
31F10 80AR 691A	18 349213	5048721	M 11	MRBL	.1	2.9	.0	.3	.3	44.8	27.9	27.3	44.8	27.9	27.3
31F10 80AR 692	18 351870	5049361	TU 10	SYNT	.1	22.4	.0	10.7	10.7	57.8	30.8	11.5	57.8	30.8	11.5
31F10 80AR 693	18 354213	5044345	F 10	LMST	.2	31.8	.0	11.0	11.0	95.9	3.0	1.1	95.9	3.0	1.1
31F10 80AR 694	18 359982	5042291	MU 10	MRBL	.1	.0	NA	NA	NA	5.8	14.5	79.7	5.8	14.5	79.7
31F10 80AR 695	18 362780	5046797	TN 10	MRBL	.1	19.3	.0	5.5	5.5	62.9	24.0	13.1	62.9	24.0	13.1
31F10 80AR 696	18 364004	5045564	T0 10	MRBL	.2	.8	NA	NA	NA	54.9	29.4	15.8	54.9	29.4	15.8
31F10 80AR 697	18 344610	5065362	MN 10	LMST	.1	.0	NA	NA	NA	7.6	42.2	50.3	7.6	42.2	50.3
31F10 80AR 698	18 353150	5058328	M0 10	MRBL	.2	1.4	NA	NA	NA	29.2	31.6	39.3	29.2	31.6	39.3
31F10 80AR 699	18 354780	5062804	FO 10	MRBL	.5	1.8	.0	.3	.3	97.0	1.2	1.8	97.0	1.2	1.8
31F10 80AR 700	18 356653	5063008	F 10	MRBL	.5	33.4	.0	2.9	2.9	95.8	3.1	1.1	95.8	3.1	1.1
31F10 80AR 701	18 358969	5057902	M 10	MRBL	.7	.7	NA	NA	NA	8.0	49.0	43.0	8.0	49.0	43.0
31F10 80AR 702	18 362145	5057786	M 10	MRBL	.2	.2	NA	NA	NA	3.5	20.5	76.1	3.5	20.5	76.1
31F10 80AR 703	18 363254	5059262	FO 10	MRBL	.4	10.1	.2	7.3	7.3	76.7	16.6	6.8	76.7	16.6	6.8
31F10 80AR 704	18 360631	5061238	MN 10	MRBL	NA	NA	NA	NA	NA	6.5	56.4	37.1	6.5	56.4	37.1
31F10 80AR 705	18 360230	5060181	F 10	NPLS	.1	27.3	.0	5.5	5.5	97.2	1.6	1.2	97.2	1.6	1.2
31F10 80AR 706	18 357593	5053894	MU 10	MAFR	.1	.1	NA	NA	NA	22.6	25.9	51.5	22.6	25.9	51.5
31F10 80AR 707	18 358253	5054495	F 10	GNSS	.1	.5	NA	NA	NA	92.9	5.7	1.4	92.9	5.7	1.4
31F10 80AR 708	18 362280	5052102	M 10	MRBL	.1	.2	NA	NA	NA	6.1	25.8	68.1	6.1	25.8	68.1
31F10 80AR 709	18 361026	5048934	F 10	MRBL	.2	1.3	NA	NA	NA	97.1	1.4	1.5	97.1	1.4	1.5
31F10 80AR 710	18 368036	5047513	MU 10	MAFR	.1	.1	.0	.8	.8	6.5	32.6	61.0	6.5	32.6	61.0
31F10 80AR 710A	18 368036	5047513	FO 00	MAFR	1.1	3.3	.1	.3	.3	97.7	1.0	1.3	97.7	1.0	1.3
31F10 80AR 711	18 363731	5040122	T0 10	MRBL	.2	17.4	.2	12.3	12.3	39.2	37.3	23.6	39.2	37.3	23.6
31F10 81SAR 154	18 356700	5068900	M0 10	LMST	.1	.8	NA	NA	NA	.1	47.1	52.9	.1	47.1	52.9
31F10 81SAR 155	18 356100	5070000	F 10	LMST	.1	15.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F10 81SAR 166	18 359000	5057940	MU 10	SYNT	.1	.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F10 81SAR 167	18 367200	5038700	TU 10	MRBL	.1	12.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F10 81SAR 185	18 349000	5040800	M0 10	LMST	.1	7.1	NA	NA	NA	.1	25.5	74.5	.1	25.5	74.5
31F10 81SAR 187	18 362600	5040650	T0 10	MAFR	.1	10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
31F11 80AR 513	18 322044	5050773	FO 10	GNSS	.0	.3	NA	NA	NA	84.2	13.9	1.9	84.2	13.9	1.9
31F11 80AR 514	18 317802	5050805	F 10	GNSS	.3	.7	.0	.3	.3	99.0	.7	.4	99.0	.7	.4
31F11 80AR 515	18 310245	5046500	T0 10	MAFR	.0	6.4	.0	1.3	1.3	58.7	29.9	11.4	58.7	29.9	11.4
31F11 80AR 516	18 309119	5045601	T0 10	GNSS	.0	.1	.0	.2	.2	71.8	26.4	1.8	71.8	26.4	1.8
31F11 80AR 605	18 306479	5043061	T0 10	GNSS	.1	.0	.0	.1	.1	75.1	21.6	3.3	75.1	21.6	3.3
31F11 80AR 606	18 306413	5043375	F 10	GNSS	.1	2.8	NA	NA	NA	36.8	61.2	2.2	36.8	61.2	2.2
31F11 80AR 608	18 306947	5049572	F 10	GNSS	.6	2.3	.2	1.0	1.0	96.9	2.3	.8	96.9	2.3	.8
31F11 80AR 609	18 307259	5043261	F 10	GNSS	.2	1.7	.0	.2	.2	96.9	1.7	1.4	96.9	1.7	1.4
31F11 80AR 610	18 311914	5045685	T0 10	GNSS	.1	.0	NA	NA	NA	35.1	55.2	9.7	35.1	55.2	9.7
31F11 80AR 611	18 315889	5045033	T0 10	GNSS	.1	.3	NA	NA	NA	59.6	35.9	4.6	59.6	35.9	4.6
31F11 80AR 616	18 316629	5045411	T0 10	GNSS	.1	.0	.0	.2	.2	75.8	21.0	3.2	75.8	21.0	3.2
31F11 80AR 617	18 320707	5047478	F 10	MRBL	.4	2.4	NA	NA	NA	96.6	2.3	1.7	96.6	2.3	1.7
31F11 80AR 618	18 322319	5045295	TOP10	MAFR	.2	.6	.1	.0	.0	74.9	21.5	3.6	74.9	21.5	3.6
31F11 80AR 619	18 322608	5044612	T0 10	MAFR	.1	1.2	.1	1.1	1.1	85.2	13.4	1.5	85.2	13.4	1.5
31F11 80AR 620	18 322862	5043582	F 10	MAFR	.1	.8	NA	NA	NA	97.3	1.8	.9	97.3	1.8	.9

ID	UTM ZN	COORDINATES EAST	SAMP NORTH	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							ZNON-CARBONATE	CARBON	EQUIV	ZNON-CARBONATE	CARBON	EQUIV	XSAND	XSILT	XCLAY
IF11 80AR 621	18	326990	5041162	F	10	SYNT	.0	.0	6.5	.0	.0	3.9	82.9	15.4	1.7
IF11 80AR 622	18	330074	5042026	F	10	SYNT	.2	.0	21.8	.0	.0	5.3	98.1	.4	1.5
IF11 80AR 623	18	333745	5043131	IN	10	MRBL	.1	.0	37.1	.0	.0	17.5	53.3	33.4	13.4
IF11 80AR 624	18	333960	5041003	IN	10	SYNT	.1	.0	36.5	.0	.0	19.8	52.8	26.8	20.4
IF11 80AR 635	18	309839	5051870	F	10	GNSS	.3	.1	.9	.1	.1	.1	88.0	10.6	1.5
IF11 80AR 636	18	305835	5054166	F	10	GNSS	1.7	.1	23.2	.1	.1	1.1	98.8	.5	.7
IF11 80AR 639	18	320496	5067355	F	10	GNSS	.1	.0	.7	.0	.0	.3	97.6	2.2	.2
IF11 80AR 640	18	318876	5067257	IN	10	GNSS	.1	.0	.4	NA	NA	NA	78.5	20.5	1.0
IF11 80AR 641	18	318032	5066997	F	10	GNSS	1.1	.1	6.6	.1	.1	.8	98.3	1.3	.4
IF11 80AR 642	18	313618	5066224	F	10	GNSS	.5	.1	2.7	.1	.1	.4	98.5	1.1	.5
IF11 80AR 643	18	305887	5062630	F	10	GNSS	.4	.0	1.5	.0	.0	.4	94.5	4.8	.7
IF11 80AR 645	18	306141	5056514	F	10	GNSS	.8	.0	1.8	.0	.0	.3	97.8	1.5	.8
IF11 80AR 646	18	312646	5055342	F	10	GNSS	.8	.0	6.3	.0	.0	.6	98.6	.7	.7
IF11 80AR 647	18	323616	5052063	CO	10	MRBL	.3	.1	28.3	.1	.1	26.0	NA	NA	NA
IF11 80AR 648	18	323005	5054690	F	10	MRBL	.2	.0	1.3	.0	.0	.4	99.4	.3	.4
IF11 80AR 649	18	324166	5053830	IN	10	MRBL	.0	.0	.3	NA	NA	NA	64.3	33.3	2.4
IF11 80AR 650	18	329570	5054999	F	10	MRBL	.5	.0	32.5	.0	.0	4.4	99.2	.8	.0
IF11 80AR 651	18	329204	5053278	F	10	MRBL	.2	.0	17.2	.0	.0	22.8	88.3	8.8	2.9
IF11 80AR 652	18	331537	5049220	F	10	CCCG	.7	.1	14.5	.1	.0	5.0	96.9	2.6	.5
IF11 80AR 653	18	335073	5046638	TO	114	MAFR	.1	.0	34.3	.0	.0	9.8	43.9	32.9	23.2
IF11 80AR 653A	18	335073	5046638	TO	013	MAFR	.1	.0	19.0	.0	.0	4.3	48.0	36.9	15.2
IF11 80AR 653B	18	335073	5046638	TO	012	MAFR	.1	.0	9.3	.0	.0	2.4	49.6	38.0	12.5
IF11 80AR 653C	18	335073	5046638	TO	011	MAFR	.2	.0	22.8	.0	.0	8.3	73.0	19.6	7.4
IF11 80AR 654	18	335552	5046611	TO	10	MAFR	.1	.0	13.8	.0	.0	3.5	47.9	37.6	14.5
IF11 80AR 655	18	336695	5045406	TO	10	MAFR	.1	.0	28.3	.0	.0	7.5	64.3	25.8	9.9
IF11 80AR 656	18	339388	5046922	F	01	GNSS	.1	.0	12.1	.0	.0	3.5	97.8	1.3	.9
IF11 80AR 656A	18	339388	5046922	TO	11	GNSS	.1	.0	32.9	.0	.0	11.1	50.3	36.5	13.2
IF11 80AR 657	18	337948	5047434	TO	10	SYNT	.1	.0	15.8	.0	.0	5.5	74.0	18.3	7.7
IF11 80AR 658	18	337662	5049586	IN	10	LMST	.1	.0	15.6	.0	.0	5.4	71.1	22.2	6.7
IF11 80AR 659	18	339693	5050275	IN	10	LMST	.1	.0	21.4	.0	.0	7.0	54.8	34.6	10.7
IF11 80AR 660	18	341401	5052858	IN	10	LMST	.1	.0	28.2	.0	.0	12.0	59.4	27.9	12.7
IF11 80AR 661	18	336718	5052463	TO	012	LMST	.1	.0	21.1	.0	.0	6.0	52.6	28.0	19.4
IF11 80AR 661A	18	336718	5052463	TO	111	LMST	.1	.0	27.1	.0	.0	10.1	55.3	29.6	15.1
IF11 80AR 662	18	336094	5049992	TO	10	LMST	.1	.0	31.6	.0	.0	9.5	58.6	26.7	14.8
IF11 80AR 663	18	335536	5050429	TO	10	LMST	.1	.0	27.9	.0	.0	6.1	59.2	31.1	9.8
IF11 80AR 664	18	337059	5056177	VM	10	GNSS	.1	.0	.2	.1	.1	.5	22.0	55.2	22.8
IF11 80AR 665	18	335264	5055614	F	10	GNSS	.2	.1	.9	.1	.1	.3	94.4	3.9	1.7
IF11 80AR 668	18	333458	5067985	AO	10	GNSS	.6	.0	1.3	.0	.0	.6	98.1	1.9	.0
IF11 80AR 669	18	331472	5065184	FO	10	GNSS	1.3	.0	3.4	.0	.0	.9	97.6	1.7	.8
IF11 80AR 670	18	330607	5063031	TO	01	GNSS	.0	.0	.3	.0	.0	.1	80.3	17.5	2.2
IF11 80AR 670A	18	330607	5063031	TO	11	GNSS	.1	.0	.5	.0	.0	.2	71.6	24.7	3.7
IF11 80AR 670B	18	330607	5063031	TO	01	GNSS	NA	NA	NA	NA	NA	NA	67.6	27.4	5.0
IF11 80AR 671	18	329880	5061372	TO	10	GNSS	NA	NA	NA	NA	NA	NA	64.8	29.3	6.0
IF11 80AR 672	18	330094	5060005	TO	10	GNSS	.1	.0	.3	NA	NA	NA	69.3	24.7	6.0
IF11 80AR 673	18	337555	5058272	TO	10	GNSS	.1	.0	26.3	.0	.0	8.9	60.3	26.8	12.9
IF11 80AR 674	18	338944	5059989	TO	10	LMST	.1	.0	6.3	.0	.0	2.8	66.4	28.1	5.5
IF11 80AR 675	18	338531	5060734	VO	10	LMST	.2	.1	.5	.1	.1	2.5	NA	NA	NA
IF11 80AR 675A	18	338531	5060734	VO	10	LMST	NA	NA	NA	NA	NA	NA	5.7	41.9	52.4
IF11 80AR 676	18	334367	5059451	F	10	GNSS	.3	.1	7.6	.1	.1	3.2	86.1	11.3	2.7
IF11 80AR 677	18	330628	5058258	F	10	GNSS	.1	.0	.3	.1	.0	.1	66.6	28.9	4.5

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MAP	ID	UTM ZN	COORDINATES EAST	SAMP TYPE	SAMP DEPTH	BORK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
							XNON-CARBON	CARBON	EQUIV	XNON-CARBON	CARBON	EQUIV	XSAND	XSILT	XSCLAY
31F11	80AR	678	18 331336	5062636	TO 11	GNSS	.0	.0	.3	.0	.0	.1	63.4	29.6	7.0
31F11	80AR	678A	18 331336	5062636	TO 01	GNSS	.0	.0	.4	.0	.0	.1	67.4	27.5	5.1
31F11	80AR	678B	18 331336	5062636	TO 01	GNSS	.3	.0	1.8	.0	.0	NA	64.9	29.1	6.0
31F11	80AR	679	18 332342	5062965	F 10	GNSS	1.2	.0	19.0	.0	.0	4.6	93.9	4.8	1.4
31F11	80AR	680	18 335652	5064141	TO 10	GNSS	.1	.0	10.3	.0	.0	2.2	71.4	21.9	6.7
31F11	80AR	681	18 337341	5067759	MM 10	LMST	.1	.0	.0	.0	.0	.3	7.7	58.9	33.5
31F11	80AR	682	18 338376	5066534	TO 013	LMST	.1	.0	15.1	.0	.0	3.8	70.5	21.5	8.0
31F11	80AR	682A	18 338376	5066534	TO 112	LMST	.1	.0	17.4	.0	.0	2.8	68.5	22.0	9.5
31F11	80AR	682B	18 338376	5066534	TO 011	LMST	.1	.0	26.0	.0	.0	4.5	67.4	22.6	10.1
31F11	80AR	683	18 339464	5062274	TO 10	LMST	.2	.0	58.3	.0	.0	61.3	44.0	37.5	18.5
31F11	80AR	684	18 341107	5063212	M 10	LMST	.1	.0	.0	.0	.0	.2	4.7	26.6	68.7
31F11	80AR	685	18 341844	5062165	TO 10	LMST	.1	.0	33.8	.0	.0	19.2	53.1	31.7	15.2
31F11	80AR	686	18 342816	5063974	TO 10	LMST	.1	.0	14.4	.0	.0	4.8	54.3	30.8	14.9
31F11	80AR	687	18 343318	5062575	IN 10	LMST	.1	.0	36.1	.0	.0	13.2	66.8	21.7	11.5
31F11	80AR	688	18 344193	5061601	TO 11	LMST	.1	.0	14.0	.0	.0	4.3	73.5	20.6	6.0
31F11	80AR	688A	18 344193	5061601	TO 01	LMST	.1	.0	14.1	.0	.0	4.2	63.8	29.4	6.8
31F11	80AR	688B	18 344193	5061601	TO 01	LMST	.1	.0	15.9	.0	.0	3.2	64.1	29.8	6.0
31F11	80AR	689	18 342595	5061063	F 10	LMST	.2	.0	39.4	.0	.0	8.8	94.4	4.0	1.6
31F11	80AR	723	18 336592	5044004	TO 10	LMST	.1	.0	14.3	.0	.0	2.2	60.9	30.2	8.9
31F11	82KAR	840	18 343250	5058500	MU 10	LMST	.4	.0	1.2	.0	.0	NA	NA	NA	NA
31F11	82KAR	841	18 342200	5060050	MU 10	LMST	.1	.0	.4	.0	.0	NA	NA	NA	NA
31F11	82KAR	1044	18 334200	5068410	TO 10	LMST	.0	.0	1.3	.0	.0	NA	NA	NA	NA
31F11	82KAR	1045	18 338600	5063500	MU 10	LMST	.1	.0	.3	.0	.0	NA	NA	NA	NA
31F11	82KAR	1046	18 340800	5062350	MU 10	LMST	.1	.0	.2	.0	.0	NA	NA	NA	NA
31F11	82KAR	1046	18 340800	5062350	MU 10	LMST	.1	.0	.2	.0	.0	NA	NA	NA	NA
31F12	80AR	517	18 304378	5044458	TO 11	GNSS	.0	.0	3.3	.0	.0	1.3	72.8	23.1	4.0
31F12	80AR	517A	18 304378	5044458	TO 01	GNSS	.1	.0	13.3	.0	.0	8.6	80.9	15.8	3.6
31F12	80AR	518	18 299846	5043432	F 10	GNSS	.2	.0	.3	.0	.0	.3	92.1	5.7	2.2
31F12	80AR	637	18 300000	5055850	F 10	GNSS	.2	.0	.3	.0	.0	NA	95.1	3.7	1.2
31F12	80AR	638	18 299173	5059915	F 10	GNSS	.1	.0	NA	.0	.0	.2	99.6	.2	.3
31F12	80AR	644	18 304599	5058355	F 10	GNSS	.1	.0	.4	.0	.0	.1	59.6	39.5	.9
31F14	80AR	666	18 335427	5073518	F 015	GNSS	.1	.0	9.6	.0	.0	5.9	35.9	35.7	28.4
31F14	80AR	666A	18 335427	5073518	TO 114	GNSS	.1	.0	21.1	.0	.0	5.9	54.3	30.8	14.9
31F14	80AR	666B	18 335427	5073518	TO 013	GNSS	.1	.0	18.3	.0	.0	6.8	53.6	32.6	13.8
31F14	80AR	666C	18 335427	5073518	IN 012	GNSS	.1	.0	19.0	.0	.0	5.4	50.5	35.9	13.6
31F14	80AR	666D	18 335427	5073518	TO 011	GNSS	.1	.0	14.5	.0	.0	5.2	56.0	34.6	9.4
31F14	80AR	667	18 335250	5068550	VM 10	GNSS	.0	.0	.1	.0	.0	NA	8.2	61.5	30.3
31F15	82KAR	828	18 372200	5040000	PN 10	MRBL	.1	.0	.8	.0	.0	NA	NA	NA	NA
31F15	82KAR	829	18 371000	5042000	TO 10	MRBL	.1	.0	12.0	.0	.0	NA	NA	NA	NA
31F15	82KAR	830	18 371180	5041220	TO 10	MRBL	.1	.0	18.8	.0	.0	NA	NA	NA	NA
31F15	82KAR	831	18 370400	5042600	MM 10	MRBL	.1	.0	8.5	.0	.0	NA	NA	NA	NA
31F15	82KAR	832	18 366800	5043560	F 10	MAFR	.1	.0	13.5	.0	.0	NA	NA	NA	NA
31F15	82KAR	833	18 361220	5045600	MU 10	GNSS	.1	.0	4.4	.0	.0	NA	NA	NA	NA
31F15	82KAR	834	18 359000	5046600	F 10	MRBL	.1	.0	.1	.0	.0	NA	NA	NA	NA
31F15	82KAR	835	18 357000	5048400	F 10	MRBL	.0	.0	9.2	.0	.0	NA	NA	NA	NA
31F15	82KAR	836	18 351800	5051200	TO 10	MAFR	.2	.0	.7	.0	.0	NA	NA	NA	NA
31F15	82KAR	837	18 342200	5053425	MU 10	MRBL	.2	.0	19.6	.0	.0	NA	NA	NA	NA
31F15	82KAR	838	18 345600	5055200	MU 10	MRBL	.1	.0	3.3	.0	.0	NA	NA	NA	NA
31F15	82KAR	839	18 345000	5057000	MU 10	MRBL	1.6	.0	4.6	.0	.0	NA	NA	NA	NA
31F15	81SAR	156	18 355000	5072400	TO 11	LMST	.1	.0	18.3	.0	.0	NA	NA	NA	NA

MAP	ID	UTM		COORDINATES		SAMP TYPE	SAMP DEPTH	BDRK TYPE	SILT PLUS CLAY-SIZED FRACT			FINE SAND-SIZED FRACT			L.T. 2MM FRACTION		
		ZN	EAST	NORTH	EAST				NON-CARBONATE CARBON	XCAC03 EQUIV	NON-CARBONATE CARBON	XCAC03 EQUIV	NON-CARBONATE CARBON	XCAC03 EQUIV	XSAND	XSILT	XCLAY
	11F15	81SAR	156A	18	355000	5072400	T0 01		LMST	.1	43.4	NA	NA	NA	NA	NA	NA
	11F15	81SAR	157	18	352800	5078400	M 10		LMST	.2	.4	NA	NA	2.4	36.2	61.4	NA
	11F15	81SAR	158	18	357600	5078100	F 10		LMST	.1	.6	NA	NA	NA	NA	NA	NA
	11F15	81SAR	159	18	359900	5077400	M 10		LMST	.1	.4	NA	NA	14.9	41.2	43.9	NA
	11F15	81SAR	161	18	358850	5074700	T0 10		LMST	.6	62.3	NA	NA	59.9	26.6	13.5	NA
	11F15	81SAR	162	18	358300	5069500	MU 10		LMST	.2	.8	NA	NA	NA	NA	NA	NA
	11F15	81SAR	163	18	346050	5070000	M0 10	3.00	MSDM	.1	8.3	NA	NA	7.9	51.7	40.4	NA
	11F15	81SAR	164	18	346500	5068100	M0 10	1.00	GNSS	.1	.7	NA	NA	NA	NA	NA	NA
	11F15	81SAR	165	18	347850	5068850	F0 10		MAFR	.1	12.5	NA	NA	NA	NA	NA	NA
	11G04	81SAR	86	18	448325	4985050	TU 10		DLMT	.1	22.0	NA	NA	NA	NA	NA	NA
	11G05	80SAR	7	18	428580	5020370	MU 01		GNSS	.1	.2	NA	NA	NA	NA	NA	NA
	11G05	81SAR	66	18	444200	5011800	T0 10	3.00	LMST	.0	20.8	NA	NA	66.5	23.8	9.8	NA
	11G05	81SAR	115	18	426625	5024850	F0P10		DLMT	.2	.3	NA	NA	NA	NA	NA	NA
	11G05	81SAR	116	18	426610	5026370	C0 10		LMST	1.2	7.3	NA	NA	NA	NA	NA	NA
	11G05	81SAR	117	18	427700	5027430	T0P10		LMST	.1	25.8	NA	NA	NA	NA	NA	NA
	11G05	81SAR	118	18	427750	5027850	T0 10		DLMT	.2	.6	NA	NA	49.8	33.5	16.7	NA
	11G05	81SAR	197	18	439425	5022920	T0 10	.50	LMST	.1	13.3	NA	NA	57.1	32.0	10.9	NA
	11G05	81SAR	198	18	438340	5021820	TU 10		LMST	.1	24.1	NA	NA	50.1	36.6	13.3	NA
	11G05	81SAR	225	18	430050	5016375	IN 10	3.00	GNSS	.1	17.1	NA	NA	52.3	35.9	11.7	NA
	11G05	81SAR	301	18	429420	5020270	TU 10		GNSS	NA	NA	NA	NA	47.7	35.9	16.4	NA