

**GEOLOGICAL SURVEY OF CANADA**

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FOR TILL AND OTHER SURFICIAL SEDIMENTS,  
GATINEAU AND SURROUNDING AREAS,  
SOUTHWESTERN QUEBEC: APPLICATIONS TO  
ACID RAIN RESEARCH AND MINERAL EXPLORATION**

**I.M. Kettles**

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**1988**

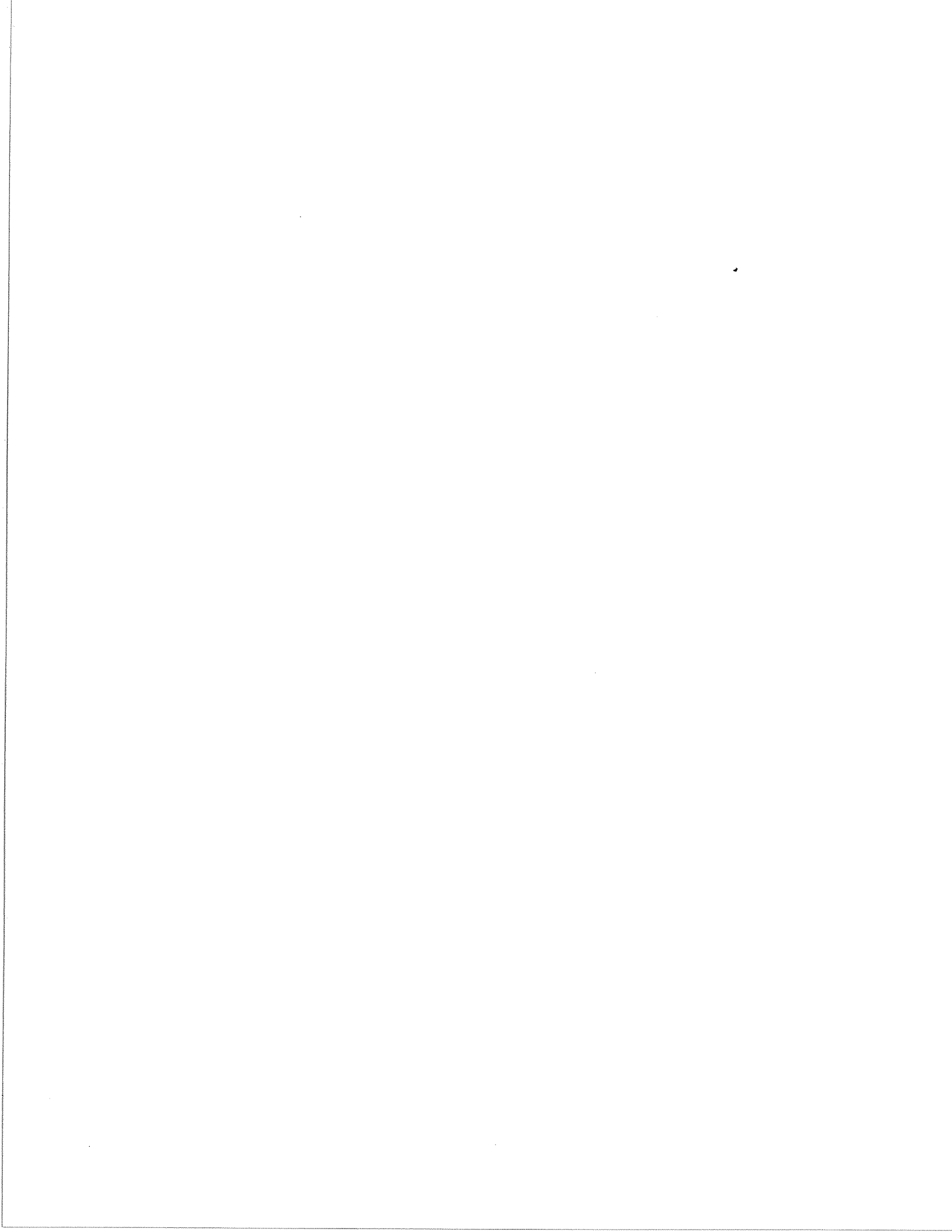
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RECONNAISSANCE GEOCHEMICAL DATA FOR TILL AND OTHER SURFICIAL SEDIMENTS, GATINEAU  
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RESEARCH AND MINERAL EXPLORATION

I.M. Kettles

INTRODUCTION

In 1984, a programme of systematic overburden sampling was initiated in the Gatineau region (parts of NTS map sheets 31F/9, 31F/10, 31F/14, 31F/15, 31F/16, 31G/5, 31G/12, 31G/13, 31J/04, 31J/12, 31J/13, 31K/01, 31K/02, 31K/06, 31K/07, 31K/08, 31K/09, 31K/10, 31K/15, 31K/16, 31N/01, 31N/08, 31O/4, and 31O/5) (Figure 1). This work was a continuation of similar surveys carried out in adjoining parts of southeastern Ontario including the Frontenac Arch area (Kettles and Shilts, 1983; Kettles, 1988), and in the St. John valley, New Brunswick (Kettles and Wyatt, 1984; 1985). The project was designed to quantify regional variation in drift composition in order to provide baseline data for use in assessing the sensitivity of the terrain to the effects of acid rain. For this purpose, two groups of compositional characteristics were mapped: (1) textural and carbonate composition (the buffering components) (Table 1) and (2) concentrations of naturally occurring trace and minor elements (potential sources of environmental contamination if released by acid leaching or by exchange reactions with groundwaters) (Table 2). Much of the information obtained from the study can also be used as an aid to mineral exploration in the area.

The rationale behind the sampling plan was to collect, wherever possible, the surficial sediments most representative of the debris load carried by the last glacier to pass over the sample site, or where true glacial sediments are covered

by a continuous mantle of postglacial sediments, to sample those sediments which have the greatest influence on the near-surface environment. As a result of these strategies, the database generated as part of this project comprises information for different types of sediment. Till, which has been transported only by ice, is considered to be most representative of the debris load carried by the last glacier to cross the sample site. In upland areas, till was generally readily available for sampling, but where absent or inaccessible, glaciofluvial or outwash sands and gravels were collected. At low altitudes, glaciolacustrine silty clay or fine sand was sampled where it formed the predominant surface cover along the Ottawa and Gatineau River valleys.

#### **GEOLOGICAL SETTING**

The eastern and most of the southern parts of the study area are underlain by Precambrian-age rocks which are part of the Central Sedimentary Belt (Baer et al., 1971). These are characterized by extensive areas of carbonate metasediments and smaller areas underlain by metavolcanic and noncalcareous metasedimentary rocks and, also, mafic and felsic plutons. The crystalline terrain to the west comprises medium to high grade metamorphic gneisses of the Ontario Gneiss Belt. Along the southern margin of the study area, Paleozoic limestone underlies part of the Ottawa valley.

Numerous mineral occurrences have been discovered in this part of Quebec to date. Locations of many of the major ones listed in Geological Survey of Canada Canadian Mineral Occurrence Index (CANMINDEX) are shown in Figure 2 and explained in Table 3. The most common types are sulphide deposits, particularly sphalerite, in marble (Gauthier and Brown, 1980), uranium and thorium minerals in pegmatite veins, magnetite in pyroxenite and pegmatite, and molybdenite in pyroxenite and schist. Zinc has been mined at Calumet and iron at Bristol.

The predominant ice flow direction during the Wisconsin (last) Glaciation was southerly to southwesterly. During the last stages of glaciation, one lobe of ice flowed southeastwards, retreating up the Ottawa valley. The Precambrian Highlands are covered by a discontinuous blanket of till, 0-3 m thick. Stratigraphically, only one unit of till, which is associated with the last (late Wisconsin) glacial expansion of the Laurentide Ice Sheet, has been identified in the area (Sharpe, 1978). Valleys are filled with till covered by or reworked into outwash, esker, or ice contact sand and gravels.

Along Ottawa and Gatineau valleys glaciomarine and glaciolacustrine sediments predominate. The Ottawa and lower Gatineau valleys were inundated by Champlain Sea, while the upper part of the Gatineau valley was covered by a late glacial lake, the limits and history of which are at present poorly understood (Dadswell, 1974).

#### PROCEDURES

Samples were collected from road and stream cuts and from sand and gravel pits. Care was taken to sample below signs of frost disturbance to ensure that the sample was uncontaminated. In nearly all cases, samples were collected below the postglacial solum, although some samples were collected in profile from unweathered glacial sediment up through the solum developed on it. In the Gatineau and Ottawa valleys, one sample was taken about every 10 sq. km. In more remote areas, however, the sampling density was much less as it was controlled by the degree of road access.

In this study, the clay-sized ( $<2 \mu\text{m}$ ) fraction of the sediments was selected for trace element analyses. Results of experiments undertaken to study trace element partitioning in till (Shilts, 1984) indicate that there is a larger amount of metal in clay-sized than in coarser parts of the till matrix. Because of its high internal surface area, the fine component reacts preferentially with

solutions passing through the drift; even small amounts of clay-sized detritus can have a major effect on the chemistry of ground or surface waters. In addition, high trace element concentrations in the clay fraction may reflect mineralization (Shilts, 1973).

Clay separated by centrifugation and decantation was analyzed by Bondar-Clegg and Co. Ltd. for Cu, Pb, Zn, Co, Ni, Ag, Cr, Mo, Cd, Fe, Mn, and Hg after treatment with a hot  $\text{HNO}_3\text{-HCl}$  leach, using standard atomic absorption techniques. As and U were analyzed using colourimetric and fluorimetric techniques, respectively.

The carbonate content of the silt plus clay-sized fraction ( $<63 \mu\text{m}$ ) was determined for most samples. Although carbonate minerals tend to occur in the silt-sized portion of the glacial sediment 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. Measurements were made using a Leco carbon analyzer after a method devised by Foscolos and Barefoot (1970). Samples were 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  $\text{HCl}$ -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  $\text{CaCO}_3$  equivalent, calculated as if all carbon were derived from calcite.

Grain size composition of the  $<2000 \mu\text{m}$  fraction was determined using standard sieve and pipette procedures.

## RESULTS AND DISCUSSION

Results of trace element, carbonate, and textural analyses of samples are presented and explained in the data lists (Tables 1 and 2) for this report.

Tills in southwestern Quebec are sandy and stony. The textural composition of 361 samples analyzed, averaged 70% sand (2000-63  $\mu\text{m}$ ), 24% silt (63-4  $\mu\text{m}$ ), and 6% clay (<4  $\mu\text{m}$ ), with ranges of 21-98%, 1-67% and 1-12% respectively.

Concentrations of carbonate are low (<1%  $\text{CaCO}_3$  equivalent) in all glacial sediments overlying Canadian Shield terrane. All 27 samples with concentrations greater than 3% were collected in drift overlying or just down-ice from Paleozoic limestone. The low concentrations of carbonate minerals in glacial deposits overlying the marble belts, and high concentrations in sediments, associated with Paleozoic rocks, suggests that carbonate components were more readily glacially eroded from Paleozoic terrane than from Precambrian marbles. The former, comprised of flaggy, flat lying unmetamorphosed rock, likely were more easily plucked and entrained by overriding ice than the massive, little fractured, and frequently coarse-grained marbles.

A disproportionate number of samples collected in glaciofluvial or outwash sand and gravel samples have high concentrations of many trace elements, especially Fe, in the clay-sized fraction. A large proportion of the clay-sized detritus in these samples is composed of secondary minerals consisting primarily of Fe-Mn oxides and hydroxides, and may include some authigenic clay. These secondary minerals form as primary silicate and sulphide minerals break down (Shilts, 1973). Because these secondary clay-sized materials have a high cation exchange capacity compared to the clay-sized fraction of adjacent unweathered till, they scavenge cations from groundwater solutions. In this way, metal levels are built up in weathered sediment which are in excess of those in primary "glacial" clay fractions of adjacent deposits. As a result, it is difficult to



to interpret which part of the geochemical signal for these samples represents provenance, and which part, is an artifact of weathering.

In the cover of till and glaciomarine and glaciolacustrine sediment, there are numerous small to large areas of trace element enrichment. Minor areas of Cu (>200 ppm), Co (>6 ppm), and Hg (>200 ppb) enrichment are scattered over the study area. Highest concentrations of Pb (>32 ppm) and Ni (>95 ppm) are found overlying the Shield rocks along the northern edge of the Ottawa valley. In the Gatineau Valley, Pb levels are also high between Maniwaki and Grand Remous, and Ni between Montcerf and Lepine. Fe is enriched over large areas in the upper part of the Gatineau valley and south of Maniwaki, while levels of Mn are high south of Maniwaki. Because most of the bedrock maps available for this area are reconnaissance scale, it is usually difficult to relate areas with high trace element levels in these types of drift to specific bedrock sources. Concentrations of other elements in drift are generally low (Ag (<1 ppm), As (almost all samples <4 ppm), and Cd (<1 ppm)).

Regional distribution patterns of Zn and U can easily be related to underlying bedrock composition. Areas with high concentrations of Zn (>200 ppm) are most often associated with marbles, which are known to contain zinc mineralization in this region (Gauthier and Brown, 1980). Large areas of U (>6 ppm) enrichment, centered on and extending southeastward from 45°50'N and 76°35'E, are underlain by granitic intrusive rocks. In both cases, however, correspondance with known occurrences (Figure 2) appears to be limited.

Regional distribution patterns of trace elements can also reflect changes in the sediment facies sampled. Concentrations of Cu, U, Co, Pb, and Ni are low, and Cr levels are high in glaciomarine and glaciolacustrine sediments along the Ottawa and Gatineau valleys. The samples of till and glaciofluvial or outwash sand and gravel, each have a wide range of concentrations for the first five elements. The

means, however, around which values for glaciomarine and glaciolacustrine samples cluster (Kettles and Shilts, in press), are low. Hence, there is a pattern of low concentrations in drift in regions where silty clay sediment forms the predominant surface cover. In contrast, the mean concentration level for Cr in fine grained sediments is distinctly higher than the means for till and glaciofluvial or outwash sand and gravel samples. These elevated levels of Cr most likely reflect enrichment in Cr derived from the mafic rocks in the upper Gatineau valley (Kettles and Shilts, in press).

In summary, the till-covered upland areas of the Gatineau region are considered potentially more sensitive to the effects of acid rain than those regions covered by silty clay along the Ottawa and Gatineau valleys. Although sediments in both areas, with a few exceptions, are carbonate-poor, glaciomarine and glaciolacustrine sediments, form, near the Ottawa and Gatineau rivers and their tributaries, a thicker more areally consistent cover of fine-grained detritus. As well as being discontinuous (0-3 m), tills of the Gatineau region are also sandy. Unless silty clay sediments have very high concentrations of various trace elements (which in this area they generally do not), they should be better able, by exchange reactions, to buffer acids and reduce abnormal levels of noxious trace elements. They have a much larger internal surface area and therefore reaction surface, than do coarse grained or outcrops of bedrock.

Areas with high or anomalous concentrations of trace elements have been delineated in both upland and valley regions. Where potentially noxious elements are enriched, they may be liable to be displaced from their host minerals into the terrestrial or aquatic systems by the excess of protons introduced in these nature systems by acid rain. If released in sufficient quantities, damage to wildlife, vegetation, and human and human health could be expected. These same trace element-enriched regions, however, may also serve as target areas for further mineral exploration work in this part of the Grenville Province.

REFERENCES

Baer, A.J., Poole, W.H., and Sanford, B.V.

1971: Riviere Gatineau Quebec-Ontario Sheet 31; Geological Survey of Canada Map 1334A.

Dadswell, M.J.

1974: Distribution, ecology, and postglacial dispersal of certain crustaceans and fish in eastern North America; National Museum of Natural Sciences, Publication in Zoology, No. 11, 110 p.

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, p. 237-250.

Gauthier, M. and Brown, A.C.

1980: Lithologic and stratigraphic setting of zinc mineralization in Grenville metasediments, Quebec; Mineralium Deposita, v. 15, p. 163-174.

Kettles, I.M.

1988: Reconnaissance geochemical data for till and other surficial sediments, Muskoka region, Ontario: Applications to acid rain research and mineral exploration; Geological Survey of Canada Open File 1792.

Kettles, I.M. and Shilts, W.W.

1983: Reconnaissance geochemical data for till and other surficial sediments, Frontenac Arch and surrounding areas, Ontario; Geological Survey of Canada Open File 947.

in press: Geochemistry of drift over the Precambrian Grenville province, southeastern Ontario and southwestern Quebec; in Drift Prospecting 1987, ed. R.N.W. DiLabio and W. Coker; Geological Survey of Canada, Paper ----.

Kettles, I.M. and Wyatt, P.H.

1984: Reconnaissance geochemical data for till and other surficial sediments, southwestern New Brunswick; Geological Survey of Canada Open File 1313.

1985: Applications of till geochemistry in southwestern New Brunswick: acid rain sensitivity and mineral exploration; 12 Current Research, Part B, Geological Survey of Canada, Paper 85-1B, p. 413-422.

Kretz, R.

1977: Fort Coulonge, Otter Lake, and Kazabazua area; Ministère des Richesses Naturelles, Rapport géologique DPV-514, 309 p.

Picklyk, D.D., Rose D.G. and Lawrence, R.M.

1978: Canadian Mineral Occurrence Index (CANMINDEX) of the Geological Survey of Canada; Geological Survey of Canada, Paper 78-8, 29 p.

Sharpe, D.R.

1978: Quaternary geology of the Gravenhurst, Bracebridge and Huntsville areas, District Municipality of Muskoka; Ontario Geological Survey, Miscellaneous Paper 82, p. 152-154.

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, 34 p.

1984: Till geochemistry in Finland and Canada; Journal of Geochemical Exploration, v. 211, p. 95-117.

## FIGURES

Figure 1. Map of sample locations, Gatineau region, southwestern Quebec. Sites of till samples denoted by ".", glaciofluvial and outwash sand and gravel samples by "x", and glaciomarine and glaciolacustrine silty clay samples by "▲", and major and minor roads by "\_\_\_".

Figure 2. Map of known mineral occurrences, Gatineau region, southwestern Quebec from CAMINDEX (Picklyk et al., 1978). Numbered occurrences are described in Table 3.

## TABLES

Table 1. List of carbonate and textural composition data for glacial sediment samples collected in Gatineau region, southwestern Quebec.

Table 2. List of trace element data for glacial sediment samples collected in Gatineau region, southwestern Quebec.

Table 3. List of known mineral occurrences for the Gatineau region, southwestern Quebec, from Canminindex (Picklyk, et al., 1978).

# TABLE 1

Terrain Sciences Division - Geological Survey of Canada  
Carbonate and Textural Composition Data for Glacial Sediment Samples  
Gatineau Region, Southwestern Quebec  
06/17/88

Variables = NTS - National Topographic System

Sample

UTM - Zone

Easting

Northing

Sediment Type

Per Cent Non-Carbonate Carbon in Less Than 63 Micron Fraction

Per Cent CaCO<sub>3</sub> Equivalent in Less Than 63 Micron Fraction

Per Cent Sand (2000-63 microns) in Less Than 2 mm Fraction

Per Cent Silt (63-4 microns) in Less Than 2 mm Fraction

Per Cent Clay (< 4 microns) in Less Than 2 mm Fraction

Depth - metres from surface; no value indicates depth less than 1.5 m

Plot - Plot Code - 1 - Representative sample at site

0 - Less to non-representative sample at site

NTS Sample	UTM Zone	Easting	Northing	Sediment Type	Non-Carbonate Carbon <63um	Per Cent CaCO <sub>3</sub> Equivalent <63um	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (< 4 um) In < 2mm	Depth (m)	Plot
31F09 82KAR0630	18	418100	5042450	Marine Silt/Clay	0.0	0.0	0.0	12.0	88.0		1
31F09 82KAR0631	18	414225	5044700	Sand and/or Gravel	0.0	0.0	81.0	17.8	1.2		1
31F09 82KAR0632	18	414200	5045250	Sand and/or Gravel	0.0	0.0	86.2	11.5	2.3		1
31F09 82KAR0633	18	414290	5046325	Till	0.0	0.0	85.0	11.8	3.2		1
31F09 82KAR0634	18	414075	5049975	Sand and/or Gravel	0.0	0.0	99.1	0.4	0.5		1
31F09 82KAR0635	18	413525	5052575	Sand and/or Gravel	0.0	0.0	83.0	10.7	6.4		1
31F09 82KAR0636	18	417310	5054240	Till	0.0	0.0	74.8	21.4	3.8		1
31F09 82KAR0637	18	416575	5048850	Sand and/or Gravel	0.0	0.0	97.4	1.9	0.8		1
31F09 82KAR0638	18	417275	5050160	Till	0.0	0.0	91.6	7.6	0.8		1
31F09 82KAR0639	18	418825	5050040	Till	0.0	0.0	86.5	12.4	1.1		1
31F09 82KAR0640	18	420325	5050350	Till	0.0	0.0	85.7	11.7	2.6		1
31F09 82KAR0641	18	420500	5054825	Marine Silt/Clay	0.0	0.0	3.7	41.8	54.7		1
31F09 82KAR0642	18	399200	5043440	Lacustrine Silt/Clay	0.0	0.0	1.1	24.6	74.3		1
31F09 82KAR0643	18	400375	5058360	Till	0.0	0.0	43.3	48.7	8.0		1
31F09 82KAR0643A	18	400375	5058360	Till	0.0	0.0					0
31F09 82KAR0644	18	402425	5058750	Till	0.0	0.0	75.4	18.2	6.4		1
31F09 82KAR0644A	18	402425	5058750	Till	0.0	0.0					0
31F09 82KAR0645	18	403625	5058725	Till	0.2	0.8					1
31F09 82KAR0645A	18	403625	5058725	Till	0.2	0.8					0
31F09 82KAR0645B	18	403625	5058725	Till	0.2	0.8					0
31F09 82KAR0646	18	403940	5062900	Sand and/or Gravel	0.1	0.3					1
31F09 82KAR0647	18	403175	5064025	Sand and/or Gravel	0.1	2.8					1
31F09 82KAR0648	18	396810	5066740	Sand and/or Gravel	0.0	1.3					1
31F09 82KAR0649	18	397975	5066100	Till	0.3	0.0	74.4	23.4	2.2		1
31F09 82KAR0650	18	409560	5052625	Till	1.1	0.8					1
31F09 82KAR0651	18	412025	5052475	Sand and/or Gravel	0.0	0.0					1
31F09 82KAR0652	18	410510	5054625	Till	0.0	0.0					1
31F09 82KAR0652A	18	410510	5054625	Till	0.0	0.0					0
31F09 82KAR0653	18	410510	5054625	Till	0.0	0.0					0
31F09 82KAR0653B	18	408575	5053025	Sand and/or Gravel	0.2	0.1					1
31F09 82KAR0654	18	409110	5053210	Sand and/or Gravel	0.0	0.0	73.6	23.8	2.6		1
31F09 82KAR0655	18	412850	5053850	Sand and/or Gravel	0.0	0.0	99.1	0.2	0.8		1
31F09 82KAR0656	18	413550	5056075	Sand and/or Gravel	0.0	0.0	98.5	0.7	0.8		1
31F09 82KAR0657	18	408975	5056250	Sand and/or Gravel	0.2	0.2					1
31F09 82KAR0658	18	407790	5055460	Sand and/or Gravel	0.8	0.8					1

UTM Zone	Easting	Northing	Sediment Type	Per Cent Carbonate Carbon (<63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (<4 um) In < 2mm	Depth (m)	Plot
31F09	82KAR0659	18 405440	5054500	Sand and/or Gravel	1.7	0.8	80.0	17.3	2.8	1
31F09	82KAR0660	18 406150	5060725	Till	0.2	0.0				1
31F09	82KAR0661	18 406560	5061425	Till	0.2	0.0				1
31F09	82KAR0662	18 406550	5061600	Sand and/or Gravel	0.1	0.3	80.3	16.8	2.8	1
31F09	82KAR0663	18 406625	5063450	Till	0.0	0.0	86.8	10.9	2.3	1
31F09	82KAR0664	18 406550	5064625	Till	0.0	0.0	88.2	10.9	1.0	1
31F09	82KAR0665	18 407075	5065790	Lacustrine silt/Clay	0.0	0.0				1
31F09	82KAR0666	18 412375	5057075	Sand and/or Gravel	0.0	0.0	99.0	0.7	0.8	1
31F09	82KAR0667	18 410825	5058375	Lacustrine Silt/Clay	0.0	0.0	1.4	40.8	57.8	1
31F09	82KAR0668	18 408600	5058875	Till	0.0	0.0	79.2	17.7	3.2	1
31F09	82KAR0668A	18 408600	5058875	Till	0.0	0.0				1
31F09	82KAR0668B	18 408600	5058875	Till	0.0	0.0				1
31F09	82KAR0669	18 407575	5058325	Till	0.0	0.0	89.2	9.7	1.1	1
31F09	82KAR0669A	18 407575	5058325	Sand and/or Gravel	0.0	0.0				0
31F09	82KAR0670	18 407975	5058310	Till	0.0	0.0				1
31F09	82KAR0671	18 408950	5061490	Till	0.0	0.0				1
31F09	82KAR0672	18 408475	5062960	Till	0.0	0.0	76.7	18.0	5.3	1
31F09	82KAR0673	18 408640	5063625	Sand and/or Gravel	0.0	0.0				1
31F09	82KAR0674	18 411190	5062675	Sand and/or Gravel	0.0	0.0	98.0	0.9	1.1	1
31F09	82KAR0675	18 411300	5061700	Sand and/or Gravel	0.0	0.0	94.7	3.9	1.4	1
31F09	82KAR0676	18 411810	5060800	Marine Silt/Clay	0.0	0.0	16.2	36.9	48.9	1
31F09	82KAR0677	18 411400	5058800	Till	0.0	0.0	70.5	24.5	5.0	1
31F09	82KAR0678	18 416375	5060710	Sand and/or Gravel	0.0	0.0	97.8	1.1	1.1	1
31F09	82KAR0679	18 417725	5060800	Till	0.0	0.0	79.2	18.5	2.3	1
31F09	82KAR0680	18 419460	5060610	Sand and/or Gravel	0.0	0.0	98.1	1.2	0.7	1
31F09	82KAR0681	18 420410	5060910	Sand and/or Gravel	0.0	0.0	56.0	39.9	4.2	1
31F09	82KAR0682	18 419330	5058683	Sand and/or Gravel	0.0	0.0	98.4	1.0	0.8	1
31F09	82KAR0683	18 418640	5058200	Marine Silt/Clay	0.0	0.0	4.2	59.7	36.2	1
31F09	82KAR0684	18 418925	5057075	Sand and/or Gravel	0.0	0.0	12.5	47.3	40.2	1
31G04	82KAR0686	18 441000	5092600	Till	0.0	0.0	90.1	6.6	3.3	1
31G12	82KAR0687	18 430810	5042175	Till	0.0	0.0	81.2	16.2	2.6	1
31G12	82KAR0688	18 432090	5041540	Sand and/or Gravel	0.0	0.0	95.7	3.5	0.8	1
31G12	82KAR0689	18 434350	5040275	Sand and/or Gravel	0.0	0.0	97.5	1.8	0.8	1
31G12	82KAR0690	18 427525	5052275	Sand and/or Gravel	0.0	0.0	50.6	40.9	8.5	1
31G12	82KAR0691	18 427610	5054625	Till	0.0	0.0	72.8	11.0	16.2	1
31G12	82KAR0692	18 427775	5055225	Marine Silt/Clay	0.0	0.0	1.0	20.6	78.4	1
31G12	82KAR0693	18 427200	5053800	Till	0.0	0.0	82.4	13.3	4.3	1
31G12	82KAR0694	18 422675	5055150	Sand and/or Gravel	0.0	0.0	95.5	2.8	1.7	1
31G12	82KAR0695	18 426225	5054250	Marine Silt/Clay	0.0	0.0	0.0	25.1	74.9	1
31G12	82KAR0696	18 427300	5055000	Till	0.0	0.0	71.7	21.9	6.4	1
31G12	82KAR0697	18 426350	5057500	Marine Silt/Clay	0.0	0.0	29.7	34.2	36.1	1
31G12	82KAR0698	18 423175	5059760	Marine Silt/Clay	0.0	0.0	20.5	37.8	41.8	1
31G12	82KAR0699	18 425225	5062210	Marine Silt/Clay	0.0	0.0	3.7	43.3	53.0	1
31G12	82KAR0700	18 424425	5063360	Sand and/or Gravel	0.0	0.0	98.5	0.6	0.9	1
31G12	82KAR0701	18 422575	5065660	Sand and/or Gravel	0.0	0.0	96.4	2.5	1.1	1
31F09	82KAR0702	18 398110	5044140	Sand and/or Gravel	0.0	0.0	96.4	1.6	2.0	1
31F09	82KAR0703	18 395960	5046650	Sand and/or Gravel	0.0	0.0				1
31F09	82KAR0704	18 395160	5049460	Marine Silt/Clay	0.0	0.0	1.1	42.1	56.8	1
31F09	82KAR0705	18 391125	5050475	Sand and/or Gravel	0.0	0.0	98.3	0.7	0.9	1
31F09	82KAR0706	18 388825	5049450	Sand and/or Gravel	0.0	0.0				1
31F09	82KAR0707	18 386260	5050840	Marine Silt/Clay	0.0	0.0	12.9	33.9	53.3	1
31F09	82KAR0708	18 383525	5049075	Marine Silt/Clay	0.0	0.0	8.2	34.5	57.2	1
31F09	82KAR0709	18 383325	5045350	Marine Silt/Clay	0.0	0.0	3.7	28.4	67.9	1
31F09	82KAR0711	18 387560	5045225	Sand and/or Gravel	0.0	0.0				1
31F09	82KAR0712	18 388400	5046925	Marine Silt/Clay	0.0	0.0	9.5	36.5	54.0	1
31F09	82KAR0713	18 390410	5044725	Marine Silt/Clay	0.0	0.0	3.1	32.4	64.5	1



NTS Sample	Zone	Easting	Northing	Sediment Type	Non-Carbonate Carbon (<63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um)		Per Cent Silt (63-4 um)		Per Cent Clay (<4 um)		Depth (m)	Plot
							In < 2mm	In < 2mm	In < 2mm	In < 2mm				
31F09 82KAR0714	18	399350	504325	Marine Silt/Clay	0.0	0.0	0.4	19.1	80.5				1	
31F09 82KAR0715	18	395100	504250	Marine Silt/Clay	0.0	0.0	1.4	32.1	66.5				1	
31F09 82KAR0716	18	403050	504200	Marine Silt/Clay	0.0	0.0	0.9	36.0	63.0				1	
31F09 82KAR0717	18	398550	504200	Marine Silt/Clay	0.0	0.0	9.1	35.3	55.6				1	
31F09 82KAR0717A	18	398550	504200	Marine Silt/Clay	0.4	0.0	9.1	35.3	55.6				1	
31F09 82KAR0717A	18	398550	504200	Sand and/or Gravel	0.2	1.5							0	
31F09 82KAR0719	18	395090	504475	Marine Silt/Clay	0.0	0.0	10.3	42.6	47.1				1	
31F09 82KAR0720	18	393040	5044275	Marine Silt/Clay	0.1	1.0	1.4	28.6	70.0				1	
31F09 82KAR0721	18	390075	5045875	Marine Silt/Clay	0.0	0.0							1	
31F09 82KAR0722	18	366500	5048900	Marine Silt/Clay	0.0	0.0							1	
31F09 82KAR0723	18	364360	5055900	Marine Silt/Clay	1.0	1.3							1	
31F09 82KAR0724	18	365850	5054800	Sand and/or Gravel			88.0	0.8	1.2				1	
31F09 82KAR0725	18	367350	5056800	Sand and/or Gravel	0.1	1.6	92.0	5.8	2.2				1	
31F09 82KAR0726	18	368860	5060140	Sand and/or Gravel	0.3	1.5	96.7	2.4	0.9				1	
31F09 82KAR0727	18	363390	5061775	Sand and/or Gravel	1.4	1.4	96.1	2.9	1.1				1	
31F09 82KAR0728	18	365825	5064925	Till	0.0	0.0	99.0	0.5	0.6				1	
31F09 82KAR0729	18	365000	5066200	Till	0.0	0.0	75.5	21.8	2.7				1	
31F09 82KAR0731	18	391200	5063360	Sand and/or Gravel	0.0	0.0	76.3	20.1	3.6				1	
31F09 82KAR0732	18	391275	5064925	Sand and/or Gravel	0.1	4.2	89.0	9.5	1.5				1	
31F09 82KAR0733	18	390410	5065850	Till	0.1	1.5	67.5	29.1	3.4				1	
31F09 82KAR0734	18	393975	5062875	Till	0.1	0.8	73.0	20.5	6.5				1	
31F09 82KAR0735	18	395400	5062325	Till	0.3	1.6							1	
31F09 82KAR0736	18	396025	5061975	Till	0.2	0.8							1	
31F09 82KAR0737	18	397525	5062800	Sand and/or Gravel	0.0	1.5	81.8	15.5	2.7				1	
31F09 82KAR0738	18	397310	5062390	Till	0.4	1.3	92.0	6.8	1.2				1	
31F09 82KAR0739	18	395925	5064925	Till	0.0	8.0							1	
31F09 82KAR0740	18	389775	5052590	Till	1.4	2.9							1	
31F09 82KAR0741	18	391175	5055490	Sand and/or Gravel	3.7	6.4							1	
31F09 82KAR0742	18	392740	5057925	Sand and/or Gravel	1.2	0.8	97.1	1.8	1.1				1	
31F09 82KAR0743	18	393580	5059925	Sand and/or Gravel	0.0	1.0							1	
31F09 82KAR0744	18	393125	5060675	Sand and/or Gravel	1.8	1.7							1	
31F09 82KAR0745	18	394340	5059150	Sand and/or Gravel	0.9	2.5							1	
31F09 82KAR0746	18	395150	5055950	Marine Silt/Clay	0.0	9.2	11.8	38.2	50.0				1	
31F09 82KAR0746A	18	395150	5055950	Sand and/or Gravel	0.4	1.3							0	
31F09 82KAR0747	18	396475	5055050	Marine Silt/Clay	0.0	0.0	4.7	38.7	56.5				1	
31F09 82KAR0748	18	395440	5052850	Marine Silt/Clay	0.1	0.8	3.7	38.9	57.4				1	
31F09 82KAR0749	18	393390	5054080	Marine Silt/Clay	0.0	1.6	3.5	32.2	64.3				1	
31F09 82KAR0750	18	394125	5051860	Marine Silt/Clay	0.0	0.0	1.9	38.4	59.7				1	
31F09 82KAR0751A	18	399300	5049550	Marine Silt/Clay	0.3	0.2							0	
31F09 82KAR0752	18	400290	5051475	Sand and/or Gravel	0.0	0.5	5.3	45.1	49.6				1	
31F09 82KAR0753	18	401090	5050040	Marine Silt/Clay	0.0	0.8							1	
31F09 82KAR0754	18	402490	5047160	Sand and/or Gravel	0.1	1.3							1	
31F09 82KAR0755	18	406850	5045550	Sand and/or Gravel	0.3	0.9							1	
31F09 82KAR0757	18	412425	5042460	Marine Silt/Clay	0.4	0.3	0.7	8.0	91.3				1	
31F09 82KAR0758	18	410460	5047325	Marine Silt/Clay	0.4	0.8	14.0	30.7	55.2				1	
31G12 82KAR0859	18	436350	5042890	Marine Silt/Clay			34.7	33.5	31.8				1	
31G12 82KAR0861	18	435825	5043875	Marine Silt/Clay			7.7	22.2	70.1				1	
31G12 82KAR0863	18	435200	5044750	Marine Silt/Clay			43.4	26.1	30.5				1	
31G12 82KAR0864	18	432750	5046660	Marine Silt/Clay			14.9	36.4	48.7				1	
31G12 82KAR0865	18	431900	5047080	Marine Silt/Clay			23.1	53.2	23.7				1	
31G12 82KAR0866	18	429260	5052850	Sand and/or Gravel			91.3	6.8	2.0				1	
31G12 82KAR0867	18	427450	5059400	Colluvium			13.4	59.8	26.8				1	
31G12 82KAR0869	18	427525	5062650	Marine Silt/Clay			17.6	29.3	53.1				1	
31G12 82KAR0871	18	426610	5064425	Marine Silt/Clay			14.9	32.7	8.9				1	
31G12 82KAR0873	18	425125	5066025	Till			66.0	23.2	8.8				1	

NTS Sample	UTM Zone Easting Northing	Sediment Type	Per Cent Carbonate Carbon (<63um)		Per Cent CaCO3 Equivalent (2000-63 um)		Per Cent Silt (63-4 um)		Per Cent Clay ( <4 um)		Depth (m)	Plot
			In < 63um	> 63um	In < 2mm	> 2mm	In < 2mm	> 2mm	In < 2mm	> 2mm		
31G12 82KAR0874	18 426075 5066200	Marine Silt/Clay	28.6	33.7	20.6	33.7	37.8					1
31G12 82KAR0875	18 427250 5066225	Till	76.8	18.1	76.8	18.1	5.2					1
31G12 82KAR0876	18 429590 5065525	Marine Silt/Clay	16.3	40.3	16.3	40.3	43.4					1
31G12 82KAR0877	18 430750 5064360	Sand and/or Gravel	2.5	31.0	2.5	31.0	66.5					1
31G12 82KAR0878	18 430390 5063350	Marine Silt/Clay	2.9	32.5	2.9	32.5	64.6					1
31G12 82KAR0879	18 430400 5061825	Sand and/or Gravel	9.0	38.3	9.0	38.3	52.7					1
31G12 82KAR0880	18 430410 5060425	Sand and/or Gravel	10.5	21.5	10.5	21.5	78.4					1
31G12 82KAR0882	18 432110 5056000	Marine Silt/Clay	6.3	35.4	6.3	35.4	54.1					1
31G12 82KAR0884	18 431300 5051510	Marine Silt/Clay	6.3	40.4	6.3	40.4	53.3					1
31G12 82KAR0887	18 436425 5046510	Till	81.2	27.7	81.2	27.7	11.2					1
31G12 82KAR0888	18 437160 5046525	Marine Silt/Clay	3.0	36.5	3.0	36.5	60.5					1
31G12 82KAR0889	18 436875 5045775	Marine Silt/Clay	24.1	41.7	24.1	41.7	34.2					1
31G12 82KAR0892	18 441775 5044425	Till	78.2	18.8	78.2	18.8	3.1					1
31G12 82KAR0893	18 441090 5045860	Till	48.7	35.6	48.7	35.6	15.7					1
31G12 82KAR0894	18 440090 5046725	Marine Silt/Clay	14.5	51.7	14.5	51.7	33.8					1
31G12 82KAR0895	18 438825 5047340	Marine Silt/Clay	10.6	36.1	10.6	36.1	53.4					1
31G12 82KAR0896	18 437110 5047560	Marine Silt/Clay	26.2	41.1	26.2	41.1	32.6					1
31G12 82KAR0899	18 438825 5049475	Marine Silt/Clay	5.5	50.1	5.5	50.1	44.4					1
31G12 82KAR0900	18 438475 5050625	Marine Silt/Clay	5.3	42.2	5.3	42.2	52.5					1
31G12 82KAR0902	18 437125 5052275	Marine Silt/Clay	81.8	16.9	81.8	16.9	1.4					1
31G12 82KAR0903	18 437325 5057025	Till	78.4	18.2	78.4	18.2	3.5					1
31G12 82KAR0904	18 436325 5054100	Till	92.1	6.9	92.1	6.9	1.0					1
31G12 82KAR0905	18 440000 5062525	Till	56.4	7.2	56.4	7.2	36.4					1
31G12 82KAR0906	18 440000 5062525	Till	71.4	23.1	71.4	23.1	5.6					1
31G12 82KAR0908	18 442725 5061700	Sand and/or Gravel	2.3	19.5	2.3	19.5	78.2					1
31G12 82KAR0909	18 443075 5060725	Marine Silt/Clay	59.8	29.8	59.8	29.8	10.5					1
31G12 82KAR0910	18 443300 5060500	Till	42.6	39.8	42.6	39.8	17.1					1
31G12 82KAR0911	18 443825 5059475	Till	87.3	31.3	87.3	31.3	1.4					1
31G12 82KAR0912	18 439150 5058175	Till	0.0	11.7	0.0	11.7	88.3					1
31G12 82KAR0914	18 442190 5039525	Marine Silt/Clay	31.6	30.5	31.6	30.5	37.9					1
31G12 82KAR0916	18 439925 5041110	Marine Silt/Clay	79.5	29.6	79.5	29.6	60.9					1
31G12 82KAR0918	18 437040 5043875	Marine Silt/Clay	70.5	25.0	70.5	25.0	4.5					1
31G12 82KAR0919	18 439575 5044225	Till	9.9	45.7	9.9	45.7	44.4					1
31G12 82KAR0920	18 438025 5052275	Marine Silt/Clay	87.2	11.0	87.2	11.0	1.8					1
31G12 82KAR0922	18 439525 5054350	Till	67.3	25.7	67.3	25.7	7.0					1
31G12 82KAR0923	18 440275 5054000	Till	83.8	13.8	83.8	13.8	2.4					1
31G12 82KAR0924	18 441740 5055040	Till	55.6	36.8	55.6	36.8	7.6					1
31G12 82KAR0926	18 440610 5063540	Till	78.2	16.7	78.2	16.7	5.0					1
31G12 82KAR0927	18 440150 5063775	Till	69.1	25.0	69.1	25.0	5.9					1
31G12 82KAR0928	18 441240 5065170	Till	80.2	30.9	80.2	30.9	8.9					1
31G12 82KAR0929	18 440090 5064650	Till	66.0	26.9	66.0	26.9	7.1					1
31G12 82KAR0930	18 440620 5065100	Till	72.8	25.0	72.8	25.0	2.2					1
31G12 82KAR0931	18 440100 5065875	Till	19.7	4.0	19.7	4.0	4.0					1
31G12 82KAR0932	18 438275 5066150	Till	81.3	17.4	81.3	17.4	1.3					1
31G12 82KAR0933	18 437050 5065775	Till	84.9	12.8	84.9	12.8	2.3					1
31G12 82KAR0935	18 441860 5058000	Till	92.1	6.0	92.1	6.0	1.9					1
31G12 82KAR0936	18 441200 5058575	Till	69.7	24.5	69.7	24.5	5.8					1
31G12 82KAR0937	18 440175 5058910	Till	82.1	28.2	82.1	28.2	9.7					1
31G12 82KAR0938	18 438810 5059450	Till	71.2	25.7	71.2	25.7	3.2					1
31G12 82KAR0939	18 439075 5061360	Till	73.9	22.7	73.9	22.7	3.4					1
31G12 82KAR0942	18 438590 5062250	Till	83.9	14.6	83.9	14.6	1.6					1
31G12 82KAR0943	18 437290 5064900	Till	81.2	17.2	81.2	17.2	1.6					1
31G12 82KAR0944	18 437625 5064000	Sand and/or Gravel	15.6	29.5	15.6	29.5	4.9					1
31G12 82KAR0945	18 438475 5063810	Colluvium	73.9	22.2	73.9	22.2	3.9					1
31G12 82KAR0946	18 438025 5065050	Till	73.3	24.0	73.3	24.0	2.7					1
31G12 82KAR0947	18 438000 5065460	Till										1

UTM	NTS Sample	Zone Easting	Northing	Sediment Type	Per Cent Non-Carbonate Carbon		Per Cent CaCO3 Equivalent		Per Cent Sand (2000-63um)		Per Cent Silt (63-4um)		Per Cent Clay (<4um)		Depth (m)	Plot
					Carbon <63um	Equivalent <63um	In <2mm	In <2mm	In <2mm	In <2mm	In <2mm	In <2mm				
	31G12 82KAR0948	18	443710	5066100	Colluvium	12.0	82.5	25.8	1							
	31G12 82KAR0949	18	443900	5065500	Marine Silt/Clay	0.5	33.8	65.7	1							
	31G12 82KAR0950	18	444425	5065540	Sand and/or Gravel	3.4	39.7	56.9	1							
	31G13 82KAR0956	18	440610	5074400	Silt	37.5	55.9	6.7	1							
	31G13 82KAR0958	18	436525	5078325	Silt	92.3	7.2	0.5	1							
	31G13 82KAR0960	18	443410	5066640	Marine Silt/Clay	4.1	51.1	44.8	1							
	31G13 82KAR0965	18	440360	5081725	Silt	54.3	38.1	7.7	1							
	31G13 82KAR0966	18	437525	5082910	Silt	58.3	31.4	10.3	1							
	31G13 82KAR0967	18	438775	5082200	Silt	81.4	15.2	3.5	1							
	31G13 82KAR0968	18	439475	5082150	Silt	48.1	38.3	13.7	1							
	31G13 82KAR0970	18	440890	5080460	Silt	71.4	13.6	5.0	1							
	31G13 82KAR0971	18	440375	5079650	Silt	82.3	30.7	7.0	1							
	31G13 82KAR0974	18	439760	5070450	Silt	74.9	20.6	4.5	1							
	31G13 82KAR0976	18	427490	5069300	Marine Silt/Clay	3.6	44.9	51.8	1							
	31G13 82KAR0977	18	428425	5069250	Marine Silt/Clay	26.8	40.9	32.3	1							
	31G13 82KAR0978	18	428950	5070510	Silt	39.0	39.5	26.5	1							
	31G13 82KAR0979	18	429160	5071750	Marine Silt/Clay	0.6	29.2	70.2	1							
	31G13 82KAR0980	18	430690	5071110	Silt	56.8	37.2	6.1	1							
	31G13 82KAR0982	18	430690	5072800	Silt	69.1	24.6	6.3	1							
	31G13 82KAR0984	18	432675	5071760	Colluvium	26.1	70.7	3.3	1							
	31G13 82KAR0985	18	428225	5072710	Marine Silt/Clay	0.9	24.9	74.2	1							
	31G13 82KAR0986	18	426000	5066600	Marine Silt/Clay	3.1	38.3	58.6	1							
	31G13 82KAR0987	18	426800	5068540	Marine Silt/Clay	22.7	36.3	41.0	1							
	31G13 82KAR0988	18	425840	5069860	Sand and/or Gravel	45.3	41.0	13.7	1							
	31G13 82KAR0989	18	424225	5069000	Silt	65.4	28.5	6.1	1							
	31G13 82KAR0990	18	424200	5070540	Marine Silt/Clay	9.8	39.3	50.9	1							
	31G13 82KAR0992	18	423675	5072410	Silt	42.9	40.9	16.3	1							
	31G13 82KAR0993	18	422575	5073175	Marine Silt/Clay	5.0	36.9	58.2	1							
	31G13 82KAR0994	18	425275	5073175	Marine Silt/Clay	1.1	23.8	75.2	1							
	31G13 82KAR0995	18	425275	5074990	Silt	64.0	25.5	10.5	1							
	31G13 82KAR0996	18	423175	5077475	Marine Silt/Clay	0.6	47.9	51.5	1							
	31G13 82KAR0997	18	423175	5075150	Marine Silt/Clay	0.0	22.0	78.0	1							
	31G13 82KAR0998	18	427875	5075840	Marine Silt/Clay	10.7	43.3	46.0	1							
	31G13 82KAR0999	18	426900	5074110	Sand and/or Gravel	25.1	37.1	37.8	1							
	31G13 82KAR1000	18	426400	5072325	Marine Silt/Clay	0.9	51.8	47.4	1							
	31G13 82KAR1001	18	426550	5076200	Marine Silt/Clay	0.0	24.9	75.1	1							
	31G13 82KAR1003	18	427040	5079175	Marine Silt/Clay	0.5	30.8	68.7	1							
	31G13 82KAR1004	18	426500	5080975	Silt	74.4	19.0	6.6	1							
	31G13 82KAR1005	18	427375	5082760	Marine Silt/Clay	0.0	32.7	67.3	1							
	31G13 82KAR1006	18	426350	5083640	Silt	26.7	87.5	5.9	1							
	31G13 82KAR1007	18	425360	5085090	Silt	65.2	23.0	11.8	1							
	31G13 82KAR1008	18	423525	5086690	Silt	77.4	16.5	6.1	1							
	31G13 82KAR1009	18	424825	5087710	Silt	82.4	18.7	18.9	1							
	31G13 82KAR1010	18	424775	5089750	Marine Silt/Clay	6.3	32.4	61.4	1							
	31G13 82KAR1011	18	423550	5089790	Colluvium	6.0	57.4	36.6	1							
	31G13 82KAR1012	18	425810	5088875	Marine Silt/Clay	0.7	82.0	47.3	1							
	31G13 82KAR1014	18	429425	5090190	Marine Silt/Clay	3.3	26.1	70.5	1							
	31G13 82KAR1015	18	433350	5088350	Silt	88.3	19.0	12.7	1							
	31G13 82KAR1016	18	435500	5087260	Silt	67.8	6.8	25.4	1							
	31G13 82KAR1017	18	436160	5084725	Silt	60.5	24.6	15.0	1							
	31G13 82KAR1018	18	437925	5090575	Silt	26.8	63.5	9.7	1							
	31G13 82KAR1019	18	437610	5092225	Silt	10.5	82.3	7.2	1							
	31G13 82KAR1021	18	432510	5090090	Silt	88.9	23.0	8.1	1							
	31G13 82KAR1022	18	433940	5093825	Silt	41.5	44.5	14.1	1							
	31G13 82KAR1023	18	433160	5091775	Silt	53.6	26.7	19.7	1							
	31G13 82KAR1024	18	431000	5088610	Marine Silt/Clay	0.0	40.2	59.8	1							

UTM	NYS Sample	Zone Easting	Northing	Sediment Type	Per Cent Non-Carbonaceous Carbon (<63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um)		Per Cent Silt (63-4 um)		Per Cent Clay (<4 um)		Depth (m)	Plot
							In < 2mm	In < 2mm	In < 2mm	In < 2mm	In < 2mm	In < 2mm		
18	431460	5085110	Colluvium	0.1	13.5	9.4	55.3	35.3	1					
18	429890	5085540	Marine Silt/Clay	0.1	0.3	1.0	40.1	59.0	1					
18	426790	5092840	Colluvium	0.1	0.3	23.0	55.7	21.3	1					
18	429475	5092825	Marine Silt/Clay	0.1	0.3	0.8	27.0	72.2	1					
18	372975	5059725	Sand and/or Gravel	0.1	0.3	82.0	17.1	0.9	1					
18	372590	5057710	Marine Silt/Clay	0.1	0.3	1.5	25.7	72.8	1					
18	389725	5058850	Marine Silt/Clay	0.1	0.3	2.4	26.0	71.8	1			2.0		
18	389725	5060150	Till	0.3	0.3	85.5	12.9	1.7	1					
18	389725	5064190	Marine Silt/Clay	0.3	1.2	4.2	39.0	56.8	1					
18	389725	5065860	Till	0.2	0.4	89.2	20.0	10.8	1					
18	387150	5065750	Sand and/or Gravel	0.4	1.4	98.5	0.6	0.9	1					
18	387640	5085850	Marine Silt/Clay	0.4	34.2	2.1	43.0	54.9	1					
18	370075	5067175	Sand and/or Gravel	0.1	0.0	93.7	4.5	1.8	1					
18	370925	5066125	Marine Silt/Clay	0.1	0.0	0.3	42.4	57.3	1					
18	371440	5065550	Till	0.1	15.9	56.7	30.3	13.1	1					
18	374300	5066125	Sand and/or Gravel	0.2	0.6	87.0	8.1	4.9	1					
18	374310	5062150	Marine Silt/Clay	0.1	0.3	0.5	30.3	69.2	1					
18	371460	5061225	Marine Silt/Clay	0.1	0.1	3.3	42.3	54.4	1					
18	374100	5059650	Marine Silt/Clay	0.1	0.2	8.7	37.3	54.1	1					
18	374250	5059575	Till	0.2	0.8	79.7	18.1	2.2	1					
18	373925	5058125	Marine Silt/Clay	0.1	0.1	3.9	36.3	59.8	1					
18	374860	5054875	Marine Silt/Clay	0.2	0.3	60.2	23.3	16.5	1					
18	370600	5050410	Till	0.2	0.6	65.8	24.7	9.5	1					
18	372025	5049075	Till	0.2	1.0	49.0	31.4	19.6	1					
18	376275	5049290	Marine Silt/Clay	0.1	0.1	2.5	26.8	70.7	1					
18	419050	5094375	Marine Silt/Clay	0.1	0.0	2.0	88.4	29.6	1					
18	419050	5091950	Marine Silt/Clay	0.1	0.0	2.8	81.2	16.0	1					
18	418540	5091650	Sand and/or Gravel	0.5	0.0	92.6	4.8	2.7	1					
18	417775	5091560	Marine Silt/Clay	0.1	0.0	6.1	74.4	19.5	1					
18	413325	5091200	Sand and/or Gravel	1.0	0.9	95.8	3.5	0.8	1					
18	412160	5088590	Sand and/or Gravel	0.9	0.9	99.5	0.2	0.3	1					
18	422125	5087800	Till	0.4	0.5	80.6	13.6	5.8	1					
18	422125	5087800	Marine Silt/Clay	0.1	0.0	4.0	83.9	12.1	0					
18	421050	5084510	Marine Silt/Clay	0.1	0.0	2.8	79.2	18.0	1					
18	421610	5078750	Marine Silt/Clay	0.1	0.0	1.5	73.3	25.2	1					
18	417090	5080150	Till	0.2	53.6	76.0	19.7	4.3	1					
18	414875	5083450	Sand and/or Gravel	0.1	0.0	99.2	0.4	0.4	1					
18	413400	5083690	Till	0.1	0.0	58.9	22.1	19.0	1					
18	418075	5078760	Marine Silt/Clay	0.4	0.7	17.0	40.5	42.4	1					
18	417800	5077840	Sand and/or Gravel	0.3	30.3	96.8	2.5	0.7	1					
18	419340	5075800	Marine Silt/Clay	0.2	0.1	4.4	46.0	49.6	1					
18	419790	5075850	Sand and/or Gravel	0.1	19.2	98.3	1.2	0.5	1					
18	419700	5077510	Marine Silt/Clay	0.3	0.2	19.8	35.2	45.0	1					
18	420810	5074600	Marine Silt/Clay	0.1	1.1	23.7	30.3	46.0	1					
18	420810	5067425	Colluvium	0.9	0.3	88.7	8.8	2.6	1					
18	419850	5059050	Sand and/or Gravel	0.3	1.0	98.3	1.2	0.5	1					
18	417175	5070590	Sand and/or Gravel	0.7	0.9	84.9	9.6	5.4	1					
18	415840	5070075	Sand and/or Gravel	0.3	0.9	99.2	0.4	0.4	1					
18	415175	5070160	Till	0.4	1.4	71.7	24.7	3.6	1					
18	414300	5075125	Sand and/or Gravel	0.1	1.1	85.5	14.1	0.4	1					
18	410840	5075310	Sand and/or Gravel	0.1	0.1	97.0	2.2	0.8	1					
18	412200	5074300	Sand and/or Gravel	0.1	1.3	88.5	1.7	1.7	1					
18	412210	5073760	Till	0.3	1.4	78.0	19.0	3.0	1					
18	418125	5104740	Till	0.0	5.4	40.8	41.2	18.1	1					
18	417410	5107000	Sand and/or Gravel	0.6	1.3	97.0	2.2	0.9	1					

NTS Sample	UTM Zone	Easting	Northing	Sediment Type	Non-Carbonate Carbon <63um	Per Cent CaCO3 Equivalent <63um	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (<4 um) In < 2mm	Depth (m)	Plot
31K01 83KAR100	18	415700	5106175	Sand and/or Gravel	0.1	0.0	75.7	23.0	1.2	1	
31K01 83KAR101	18	414660	5105875	Marine Silt/Clay	0.1	0.0	3.0	75.6	21.5	1	
31K01 83KAR102	18	413960	5106140	Sand and/or Gravel	0.1	0.0	75.4	20.3	4.3	1	
31K01 83KAR103	18	412090	5108760	Sand and/or Gravel	1.4	1.9	95.7	3.4	0.8	1	
31K01 83KAR104	18	410990	5106690	Till	0.1	0.0	71.4	22.4	6.2	1	
31K01 83KAR104A	18	410990	5106690	Till	0.1	0.0	69.7	24.7	5.6	0	
31K01 83KAR1105	18	412450	5115525	Sand and/or Gravel	0.1	2.2	86.2	13.2	0.7	1	
31K01 83KAR1108	18	414925	5119720	Till	0.0	1.1	65.9	21.4	12.7	1	
31K01 83KAR1107	18	415900	5118560	Till	0.1	0.0	59.9	21.2	19.0	1	
31K01 83KAR1107A	18	415900	5118560	Till	0.1	1.3	71.9	17.1	11.0	0	
31K01 83KAR1108	18	417860	5112425	Sand and/or Gravel	0.6	2.0	95.9	1.7	2.5	1	
31K01 83KAR1109	18	411860	5100975	Sand and/or Gravel	0.1	0.0	15.9	44.1	40.0	1	
31K01 83KAR1110	18	411700	5098225	Marine Silt/Clay	0.1	0.0	98.0	1.2	0.9	1	
31K01 83KAR1111	18	412740	5095900	Sand and/or Gravel	0.3	1.6	92.7	6.2	1.1	1	
31K01 83KAR1113	18	420775	5095800	Till	0.0	4.5	93.3	5.1	1.6	1	
31K01 83KAR1114	18	421525	5096550	Sand and/or Gravel	0.3	1.4	82.2	16.2	1.7	1	
31K01 83KAR1115	18	419675	5104250	Marine Silt/Clay	0.1	0.0	2.7	43.9	53.4	1	
31K01 83KAR1116	18	419650	5103700	Till	0.1	0.8	20.9	67.1	12.1	1	
31K01 83KAR1117	18	419360	5101490	Till	0.1	0.0	49.5	36.1	14.4	1	
31K01 83KAR1118	18	422450	5098950	Marine Silt/Clay	0.1	0.0	4.9	30.0	65.2	1	
31J04 83KAR1119	18	425550	5103490	Till	0.3	0.0	60.0	15.8	24.2	1	
31J04 83KAR1120	18	427000	5100610	Marine Silt/Clay	0.1	0.0	10.1	28.9	61.0	1	
31J04 83KAR1121	18	427440	5098250	Marine Silt/Clay	0.1	1.0	26.9	27.8	45.3	1	
31J04 83KAR1122	18	426610	5096375	Marine Silt/Clay	0.1	0.0	2.0	68.2	29.9	1	
31J04 83KAR1123	18	426825	5095800	Marine Silt/Clay	0.1	0.0	0.0	48.6	51.5	1	
31J04 83KAR1124	18	427525	5102000	Marine Silt/Clay	0.1	0.0	12.2	33.7	54.1	1	
31J04 83KAR1125	18	431150	5103000	Marine Silt/Clay	0.1	0.0	0.7	30.3	69.0	1	
31J04 83KAR1126	18	432090	5103675	Till	0.1	2.2	60.7	23.3	16.0	1	
31J04 83KAR1127	18	440410	5103250	Till	0.1	0.0	59.6	36.2	4.2	1	
31J04 83KAR1128	18	434875	5103850	Till	0.1	0.0	66.6	21.0	12.4	1	
31J04 83KAR1129	18	431910	5105380	Till	0.1	0.0	88.6	21.7	9.7	1	
31J04 83KAR1130	18	430850	5108275	Sand and/or Gravel	0.3	0.3	90.1	8.0	1.9	1	
31J04 83KAR1131	18	429275	5107790	Till	1.4	0.0	53.8	26.8	19.4	1	
31J04 83KAR1132	18	424725	5105825	Till	0.1	1.5	48.3	24.0	27.7	1	
31J04 83KAR1133	18	426060	5107350	Till	0.1	0.1	95.8	11.8	2.4	1	
31K01 83KAR1134	18	422425	5121650	Sand and/or Gravel	1.2	0.7	99.0	0.3	0.7	1	
31K01 83KAR1135	18	421150	5119610	Till	0.2	0.3	71.5	23.1	5.4	1	
31K01 83KAR1136	18	419890	5119325	Marine Silt/Clay	0.3	1.3	4.4	42.4	53.2	1	
31K01 83KAR1137	18	419750	5118175	Marine Silt/Clay	0.1	0.0	22.1	57.1	20.7	1	
31K01 83KAR1138	18	419425	5116100	Till	0.2	0.1	81.5	15.6	10.3	1	
31K01 83KAR1139	18	420600	5115575	Till	0.1	26.3	69.8	19.9	2.9	1	
31J04 83KAR1140	18	424590	5118100	Marine Silt/Clay	0.1	0.0	4.2	71.5	24.3	1	
31J04 83KAR1141	18	425650	5112075	Marine Silt/Clay	0.1	0.0	2.5	47.5	50.0	1	
31J04 83KAR1142	18	425700	5111975	Till	0.1	0.8	56.1	27.4	14.6	1	
31J04 83KAR1142A	18	425700	5111975	Till	0.1	0.0	59.8	27.2	13.0	0	
31J04 83KAR1142B	18	425700	5111975	Till	0.1	0.0	57.2	29.2	13.6	0	
31J04 83KAR1143	18	427250	5109750	Marine Silt/Clay	0.1	0.0	5.2	45.5	49.3	1	
31J04 83KAR1144	18	426350	5114690	Marine Silt/Clay	0.1	0.0	1.0	80.4	18.6	1	
31J04 83KAR1145	18	428510	5116460	Marine Silt/Clay	0.1	1.5	76.0	62.9	18.8	1	
31J04 83KAR1146	18	431160	5114900	Till	0.1	0.0	74.0	20.1	4.0	1	
31J04 83KAR1147	18	432425	5115950	Till	0.1	0.0	20.1	5.9	10.5	1	
31J04 83KAR1148	18	434700	5113950	Till	0.1	0.0	69.1	20.4	6.1	1	
31J04 83KAR1149	18	436860	5111890	Till	0.7	0.2	78.2	15.7	6.1	1	
31J04 83KAR1150	18	424840	5121850	Till	0.1	0.0	60.3	24.0	15.7	1	
31J04 83KAR1150A	18	424840	5121850	Till	0.1	0.3	82.7	26.2	11.1	0	

UTM	Zone	NTS Sample	Easting	Northing	Sediment Type	Non-Carbonate Carbon <63µm	Per Cent CaCO3 Equivalent <63µm	Per Cent Sand (2000-63 µm) In < 2mm	Per Cent Silt (63-4 µm) In < 2mm	Per Cent Clay (< 4 µm) In < 2mm	Depth (m)	Plot
	18	31J04 83KAR1150B	424840	5121850	Fill	0.4	0.8	70.9	25.2	3.9	0	
	18	31J04 83KAR1151	426740	5121275	Marine Silt/Clay	0.1	0.0	2.2	68.6	29.2	2.0	
	18	31J04 83KAR1152	429225	5119000	Sand and/or Gravel	0.1	0.0	98.1	3.1	0.8		
	18	31J04 83KAR1153	430400	5118550	Fill	0.2	0.0	70.3	22.9	6.8		
	18	31J04 83KAR1154	432180	5119400	Marine Silt/Clay	0.1	0.0	0.2	27.2	72.6		
	18	31J04 83KAR1155	432280	5119450	Fill	0.3	0.2	54.6	30.6	14.8		
	18	31J04 83KAR1156	427350	5120725	Fill	0.6	0.2	38.5	41.7	19.8		
	18	31J05 83KAR1157	432700	5123100	Marine Silt/Clay	0.1	0.0	0.5	25.9	73.6		
	18	31J05 83KAR1158	431300	5120650	Fill	0.1	0.0	89.4	9.2	1.4		
	18	31J05 83KAR1159	435300	5124975	Fill	0.5	2.0	78.4	15.3	6.3		
	18	31J05 83KAR1160	433300	5126700	Fill	0.1	0.3	63.8	24.7	11.5		
	18	31J05 83KAR1161	430200	5129380	Fill	0.1	0.0	55.3	29.2	15.5		
	18	31J05 83KAR1162	429900	5126100	Fill	0.4	0.3	64.8	21.8	13.3		
	18	31J05 83KAR1163	428950	5124350	Marine Silt/Clay	0.1	0.0	0.7	50.2	49.2		
	18	31J05 83KAR1164	435100	5126450	Marine Silt/Clay	0.1	0.0	3.0	24.8	72.2		
	18	31J05 83KAR1165	438200	5125400	Fill	0.2	0.2	58.0	31.7	12.3		
	18	31J05 83KAR1166	438200	5125175	Fill	0.1	0.1	63.9	26.6	9.5		
	18	31J05 83KAR1167	436450	5128000	Marine Silt/Clay	0.1	0.3	0.0	18.8	81.2		
	18	31J05 83KAR1168	435000	5128280	Fill	0.0	0.5	60.7	28.4	10.9		
	18	31J05 83KAR1169	428960	5134620	Fill	0.1	0.0	69.2	25.8	5.1		
	18	31J05 83KAR1170	428650	5137100	Marine Silt/Clay	0.1	0.0	1.1	35.5	63.4		
	18	31J05 83KAR1171	427050	5135680	Fill	0.2	1.3	74.3	19.6	6.1		
	18	31J05 83KAR1172	427500	5132100	Fill	0.2	0.5	77.2	18.8	4.0		
	18	31J05 83KAR1173	431540	5133250	Fill	0.1	0.0	41.3	46.4	12.3		
	18	31J05 83KAR1174	434500	5132580	Fill	0.3	0.1	74.5	21.8	3.8		
	18	31J05 83KAR1175	437400	5129700	Marine Silt/Clay	0.4	0.0	4.4	32.8	82.9		
	18	31J05 83KAR1176	438900	5129520	Fill	0.5	0.4	80.6	17.5	1.9		
	18	31J05 83KAR1177	434250	5132100	Fill	0.1	0.0	66.2	29.8	4.1		
	18	31J05 83KAR1178	433830	5130200	Sand and/or Gravel	0.8	0.4	86.0	11.0	3.1		
	18	31J05 83KAR1179	433650	5128950	Sand and/or Gravel	0.3	0.2	74.9	19.0	6.2		
	18	31J05 83KAR1180	434900	5130150	Fill	1.4	1.3	75.4	19.5	5.1		
	18	31J05 83KAR1181	435650	5129150	Marine Silt/Clay	0.1	0.0	4.5	41.7	63.8		
	18	31J05 83KAR1182	433380	5133790	Fill	0.1	0.0	73.0	23.7	3.3		
	18	31J05 83KAR1183	428200	5130200	Fill	1.3	1.8	87.4	25.4	7.2		
	18	31J05 83KAR1184	431075	5138350	Sand and/or Gravel	0.0	3.3	98.0	0.8	1.3		
	18	31J05 83KAR1185	432525	5139075	Fill	0.1	1.5	78.2	20.2	3.6		
	18	31J05 83KAR1186	439240	5140850	Fill	0.2	0.2	79.1	18.0	2.9		
	18	31J05 83KAR1187	441700	5142940	Fill	0.3	0.0	59.4	35.7	4.9		
	18	31J05 83KAR1188	441970	5145325	Fill	0.1	0.0	75.1	21.1	3.8		
	18	31J05 83KAR1189	443510	5142000	Fill	1.1	0.0	80.5	17.5	1.9		
	18	31J05 83KAR1190	443400	5141300	Sand and/or Gravel	0.1	0.0	96.5	2.8	0.7		
	18	31J05 83KAR1191	440950	5137890	Fill	0.5	0.3	74.9	21.2	4.0		
	18	31J05 83KAR1192	435975	5145725	Sand and/or Gravel	0.3	0.1	82.4	15.4	2.3		
	18	31J05 83KAR1193	431700	5147450	Fill	0.3	0.8	82.4	14.6	3.1		
	18	31J05 83KAR1194	430450	5146525	Marine Silt/Clay	0.1	0.0	0.5	49.8	58.8		
	18	31J05 83KAR1195	430380	5147750	Fill	0.2	1.0	66.0	20.0	5.0		
	18	31J05 83KAR1196	427825	5147375	Fill	0.2	1.1	69.5	27.9	2.6		
	18	31J05 83KAR1197	430475	5145250	Fill	0.1	0.0	22.6	45.7	31.8		
	18	31J05 83KAR1198	428075	5143550	Fill	0.3	0.6	63.8	28.7	7.5		
	18	31J05 83KAR1199	427225	5142210	Fill	0.1	0.0	71.0	22.0	7.0		
	18	31J05 83KAR1200	430200	5140775	Fill	0.1	0.0	57.0	28.4	14.6		2.0
	18	31J05 83KAR1200A	430200	5140775	Fill	0.1	0.0	65.3	24.5	9.2		1.0
	18	31J05 83KAR1200B	430200	5140775	Fill	2.3	2.6	60.6	29.1	10.3		0.3
	18	31J05 83KAR1201	436675	5148800	Fill	1.2	1.4	77.8	18.4	3.9		
	18	31J12 83KAR1201	436700	5151875	Fill	0.5	0.8	78.4	18.3	3.3		
	18	31J12 83KAR1203	436875	5154875	Fill	0.3	0.4	74.9	22.4	2.7		

UTM	Zone	Easting	Northing	Sediment Type	Non-Carbonate Carbon (<3um)	Per Cent CaCO3 Equivalent (<3um)	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (<4 um) In < 2mm	Depth (m)	Plot
31J12	83KAR1204	18 439275	5152700	Sand and/or Gravel	0.9	2.3	97.5	1.7	0.8	1	1
31J12	83KAR1205	18 441125	5155150	Fill	1.8	0.9	67.5	28.4	4.1	1	1
31J12	83KAR1206	18 441350	5155150	Fill	0.1	0.0	71.2	24.2	4.6	1	1
31J12	83KAR1207	18 442530	5157450	Fill	0.4	0.0	88.9	9.7	1.4	1	1
31J12	83KAR1208	18 442700	5160975	Fill	0.3	0.3	66.9	29.1	4.0	1	1
31J12	83KAR1209	18 437800	5159525	Fill	0.1	0.1	77.2	20.9	1.8	1	1
31J12	83KAR1209A	18 437800	5159525	Fill	0.1	0.0	69.8	27.4	2.8	1	1
31J12	83KAR1209B	18 437800	5159525	Fill	0.5	1.8	72.4	24.1	3.5	1	1
31J12	83KAR1209C	18 437800	5159525	Fill	0.1	0.4	71.0	25.8	3.2	1	1
31J12	83KAR1210	18 434150	5161850	Fill	0.4	0.0	61.5	30.3	8.1	1	1
31J12	83KAR1211	18 431900	5160450	Sand and/or Gravel	0.1	0.0	60.5	38.3	1.2	1	1
31J12	83KAR1212	18 430025	5162900	Fill	0.4	0.0	87.4	11.5	1.2	1	1
31J12	83KAR1213	18 430550	5157900	Sand and/or Gravel	0.1	0.0	38.9	51.5	9.6	1	1
31J12	83KAR1214	18 431500	5157750	Fill	0.8	0.8	85.5	10.5	4.0	1	1
31J12	83KAR1215	18 431110	5153050	Sand and/or Gravel	0.3	0.0	78.4	17.8	3.8	1	1
31J12	83KAR1216	18 431240	5152825	Fill	0.6	1.4	67.4	27.0	5.6	1	1
31J12	83KAR1217	18 430925	5151350	Marine Silt/Clay	0.1	0.0	0.4	47.5	52.1	1	1
31J12	83KAR1218	18 430950	5156975	Marine Silt/Clay	0.1	0.0	4.5	75.6	19.9	1	1
31J12	83KAR1219	18 429250	5161100	Sand and/or Gravel	0.1	0.0	26.2	68.9	4.9	1	1
31J12	83KAR1220	18 425750	5160160	Marine Silt/Clay	0.1	0.0	1.2	49.9	48.9	1	1
31J12	83KAR1221	18 430310	5164350	Sand and/or Gravel	0.6	1.3	92.7	5.8	1.5	1	1
31J12	83KAR1222	18 430430	5163640	Marine Silt/Clay	0.1	0.0	38.1	59.9	1.9	1	1
31J12	83KAR1223	18 431920	5163000	Fill	0.1	0.0	73.0	25.3	1.7	1	1
31J12	83KAR1224	18 432650	5163650	Fill	0.2	0.0	88.7	27.3	4.0	1	1
31J12	83KAR1225	18 433700	5164490	Fill	0.1	0.0	55.7	26.1	18.3	1	1
31J12	83KAR1225A	18 433700	5164490	Fill	2.0	1.6	65.8	28.4	5.8	1	1
31J12	83KAR1226	18 433960	5168900	Fill	0.1	0.0	35.8	52.3	12.0	1	1
31J12	83KAR1227	18 435950	5174180	Fill	0.6	0.5	73.8	24.1	2.1	1	1
31J13	83KAR1228	18 434050	5182850	Sand and/or Gravel	0.1	0.0	97.6	2.0	0.4	1	1
31J13	83KAR1229	18 432900	5179400	Sand and/or Gravel	1.4	1.3	94.0	2.6	3.4	1	1
31J13	83KAR1230	18 429310	5177900	Sand and/or Gravel	3.5	2.5	86.2	10.8	3.0	1	1
31J05	83KAR1231	18 425640	5139950	Marine Silt/Clay	0.1	0.0	5.8	85.5	8.7	1	1
31J05	83KAR1232	18 426210	5141440	Marine Silt/Clay	0.1	0.0	0.0	35.8	64.4	1	1
31J05	83KAR1233	18 426900	5143325	Fill	0.4	0.0	78.7	18.5	2.9	1	1
31J05	83KAR1234	18 426400	5144550	Marine Silt/Clay	0.1	0.0	22.0	67.3	10.7	1	1
31J05	83KAR1235	18 426150	5145320	Fill	0.1	0.4	60.9	37.3	1.8	1	1
31J12	83KAR1236	18 424800	5152550	Fill	0.2	1.1	67.2	27.5	5.4	1	1
31J12	83KAR1237A	18 423640	5152750	Fill	0.1	0.0	61.0	29.2	9.8	1	1
31J12	83KAR1237B	18 423640	5152750	Fill	1.4	2.3	68.7	25.6	6.7	1	1
31K09	83KAR1238	18 421525	5154625	Fill	0.1	0.0	76.4	17.5	6.1	1	1
31K09	83KAR1239	18 421530	5155400	Marine Silt/Clay	0.1	0.0	0.0	63.5	36.5	1	1
31K09	83KAR1240	18 421870	5159150	Fill	0.1	0.0	77.6	17.1	5.3	1	1
31K09	83KAR1241	18 418100	5162100	Sand and/or Gravel	0.1	0.0	82.2	16.1	1.7	1	1
31K09	83KAR1242	18 417325	5163150	Sand and/or Gravel	0.8	0.3	82.2	15.1	2.8	1	1
31K09	83KAR1243	18 414640	5165900	Fill	0.1	0.0	83.1	13.9	3.0	1	1
31K09	83KAR1244	18 412250	5165520	Sand and/or Gravel	0.2	0.2	94.7	3.9	1.4	1	1
31K09	83KAR1245	18 412925	5165900	Fill	0.2	0.6	73.0	24.0	3.0	1	1
31K09	83KAR1246	18 416850	5163430	Fill	0.7	0.0	80.4	16.2	3.4	1	1
31K09	83KAR1247	18 416900	5155250	Fill	0.1	0.0	81.1	17.1	1.9	1	1
31K09	83KAR1248	18 420170	5160025	Fill	0.1	0.0	63.1	31.8	5.1	1	1
31K09	83KAR1249	18 420850	5165450	Fill	0.7	0.3	74.7	21.1	4.2	1	1
31K09	83KAR1250	18 421690	5171040	Fill	0.1	0.0	59.7	39.1	1.2	1	1
31J12	83KAR1251	18 423075	5172900	Fill	0.1	0.0	98.4	0.5	1.1	1	1
31J12	83KAR1252	18 424800	5173550	Fill	0.1	0.0	88.8	5.8	5.4	1	1
31K09	83KAR1253	18 417200	5175950	Fill	0.1	0.8	69.7	24.6	5.7	1	1

NLS Sample	UTM Zone Easting	Northing	Sediment Type	Per Cent Non-Carbonate Carbon (63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (<4 um) In < 2mm	Depth (m)	Plot
31K09 83KAR1254	18	416750	5177025	Till	0.1	80.6	17.8	1.6		1
31K16 83KAR1255	18	417700	5180000	Till	0.5	89.7	8.8	1.5		1
31K16 83KAR1256	18	419800	5181650	Till	0.3	79.4	19.2	1.4		1
31J13 83KAR1257	18	424400	5183050	Till	0.1	48.8	49.4	1.8		1
31K16 83KAR1258	18	423400	5182125	Till	0.7	98.3	0.8	0.9		1
31K16 83KAR1259	18	415725	5178140	Till	1.0	83.5	13.1	3.5		1
31K16 83KAR1260	18	414850	5179380	Till	0.1	85.1	12.7	2.2		1
31K16 83KAR1261	18	411480	5182550	Till	0.1	74.5	23.1	2.4	9.0	1
31K16 83KAR1261A	18	411480	5182550	Till	0.1	62.2	33.6	4.1	8.0	1
31K16 83KAR1261B	18	411480	5182550	Till	0.1	67.9	27.3	4.8	7.0	1
31K16 83KAR1261C	18	411480	5182550	Till	0.1	70.8	24.6	4.6	6.0	1
31K16 83KAR1261D	18	411480	5182550	Till	0.1	61.7	32.9	5.5	5.0	1
31K16 83KAR1261E	18	411480	5182550	Till	0.1	65.5	29.9	4.6	4.0	1
31K16 83KAR1261F	18	411480	5182550	Till	0.4	75.7	20.0	4.4	2.5	1
31K16 83KAR1261G	18	411480	5182550	Till	1.1	55.8	42.0	2.2	1.0	0
31K16 83KAR1262	18	408650	5183325	Till	0.1	76.3	22.3	1.4	2.5	1
31K16 83KAR1263	18	413050	5189940	Sand and/or Gravel	0.1	97.2	1.8	1.0	10.0	1
31K16 83KAR1264	18	412480	5194440	Till	0.2	85.3	13.1	1.6		1
31K16 83KAR1265	18	412800	5193260	Sand and/or Gravel	0.9	88.2	23.4	8.4		1
31K16 83KAR1266	18	413475	5204620	Sand and/or Gravel	0.3	95.0	4.2	0.8		1
31N01 83KAR1267	18	412400	5206580	Sand and/or Gravel	0.3	95.1	4.0	0.9		1
31N01 83KAR1268	18	416070	5210590	Till	0.7	74.3	16.9	8.9		1
31N01 83KAR1269	18	415860	5209450	Sand and/or Gravel	0.2	98.1	1.0	0.9		1
31K16 83KAR1270	18	413320	5201950	Sand and/or Gravel	0.1	93.6	4.1	2.3		1
31K16 83KAR1271	18	413360	5197080	Sand and/or Gravel	0.0	52.3	46.8	0.9		1
31K08 83KAR1272	18	419500	5124950	Lacustrine Silt/Clay	0.1	4.5	64.6	31.0		1
31K08 83KAR1273	18	419660	5123640	Till	0.5	69.5	26.8	3.7		1
31K08 83KAR1274	18	411500	5123950	Till	0.8	81.7	16.9	1.5		1
31K08 83KAR1275	18	415280	5124200	Till	0.0	67.8	25.0	7.2		1
31K08 83KAR1276	18	421150	5129800	Sand and/or Gravel	0.1	81.9	16.2	1.9	15.0	1
31K08 83KAR1277	18	412420	5138880	Till	0.1	69.5	18.7	11.9	14.0	0
31K08 83KAR1277A	18	412420	5138880	Till	0.1	74.1	17.9	8.1	9.8	0
31K08 83KAR1277B	18	412420	5138880	Lacustrine Silt/Clay	0.1	13.4	81.8	4.9		0
31K08 83KAR1278	18	414640	5137620	Till	0.0	72.9	22.6	4.5		1
31K08 83KAR1279	18	422600	5137800	Till	0.7	73.0	20.5	6.5		1
31K08 83KAR1280	18	421600	5140900	Till	0.1	71.1	24.4	4.5		1
31K08 83KAR1281	18	412450	5145600	Sand and/or Gravel	0.1	96.3	0.9	2.9		1
31K08 83KAR1282	18	416480	5145550	Sand and/or Gravel	0.1	98.3	0.3	1.5		1
31K08 83KAR1283	18	421280	5144680	Till	0.1	76.2	20.8	3.0		1
31K09 83KAR1284	18	421450	5151450	Till	1.0	76.8	18.5	4.8		1
31K16 83KAR1285	18	418880	5199870	Till	0.1	75.1	21.8	3.0	12.0	1
31K16 83KAR1285A	18	418880	5199870	Till	0.1	78.9	17.7	3.5	11.0	0
31K16 83KAR1285B	18	418880	5199870	Till	0.1	80.7	16.7	2.6	9.0	0
31K16 83KAR1285C	18	418880	5199870	Till	0.1	78.2	19.2	2.1	6.5	0
31K16 83KAR1285D	18	418880	5199870	Till	0.1	71.9	25.0	3.1	3.5	0
31K16 83KAR1285E	18	418880	5199870	Till	0.8	2.2	58.2	2.4	0.5	0
31N01 83KAR1286	18	419250	5206080	Sand and/or Gravel	0.1	97.8	1.3	0.9		1
31N01 83KAR1287	18	421150	5208050	Till	0.1	75.2	19.9	5.0		1
31N01 83KAR1288	18	422750	5209400	Till	0.3	73.6	22.1	4.3		1
31N01 83KAR1289	18	423390	5211470	Till	0.2	80.4	16.9	2.7		1
31004 83KAR1290	18	425400	5215525	Till	0.2	74.3	21.4	4.3		1
31004 83KAR1291	18	425800	5217025	Till	0.1	67.9	23.8	6.3		1
31004 83KAR1292	18	429850	5218350	Till	0.4	72.6	12.0	2.0	2.0	1
31004 83KAR1293	18	429510	5219510	Till	0.1	86.0	22.5	4.9		1
31K16 83KAR1294	18	431050	5221350	Till	0.3	77.8	18.8	3.5		1
31004 83KAR1295	18	432900	5222350	Till	0.5	79.7	16.7	3.6		1



UTM	NTS Sample	Zone Easting	Northing	Sediment Type	Per Cent Non-Carbonate Carbon (63um)	Per Cent CaCO3 Equivalent (63um)	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (< 4 um) In < 2mm	Depth (m)	Plot
18	426390	5218490	Till	0.1	0.0	71.1	24.8	4.2	0.8	1	
18	426390	5218490	Till	0.1	0.0	70.9	25.7	3.4	0.3	0	
18	426080	5220750	Till	0.1	0.0	83.7	14.2	2.1	6.5	0	
18	426080	5220750	Till	0.1	0.0	77.9	20.6	1.5	4.5	0	
18	425050	522380	Till	0.2	0.0	83.2	14.3	2.5	2.5	1	
18	425400	5223880	Till	0.2	0.1	79.6	17.8	2.6	8.0	1	
18	425400	5223880	Till	0.2	0.5	90.4	8.6	1.0	3.5	0	
18	426300	5227150	Till	0.5	1.0	79.4	16.7	3.8		1	
18	426450	5229220	Till	0.1	0.0	65.8	28.7	5.5		1	
18	416670	5238240	Till	0.2	0.0	77.6	20.7	1.7		1	
18	415120	5236740	Till	0.2	0.0	85.0	13.6	1.4	2.0	1	
18	420625	5235000	Till	0.7	0.8	92.2	5.9	1.9		1	
18	421325	5233825	Till	0.1	0.0	87.3	10.2	2.5		1	
18	413220	5228700	Till	0.2	0.4	69.9	28.0	2.1	2.5	1	
18	413220	5228700	Till	0.1	0.0	68.0	29.2	2.7	1.5	0	
18	413220	5228700	Till	1.0	0.8	77.8	19.5	2.7	0.5	0	
18	414850	5228950	Till	1.7	2.1	80.4	17.2	2.4		1	
18	415525	5228750	Till			82.7	16.3	1.0		1	
18	417950	5228700	Sand and/or Gravel	0.5	2.7	80.8	16.8	2.4		1	
18	418425	5194800	Sand and/or Gravel	0.2	1.8	40.2	56.1	3.7		1	
18	423840	5193450	Till			76.0	20.7	3.3		1	
18	426600	5195250	Till	0.2	0.5	74.4	22.5	3.1		1	
18	428800	5197100	Sand and/or Gravel	0.1	0.0	98.6	0.8	0.6		1	
18	431160	5195500	Till	0.3	1.2	84.7	13.1	2.3		1	
18	432100	5194280	Till	0.6	1.0	73.5	22.5	4.0		1	
18	433640	5194275	Till	0.1	0.0	74.5	22.7	2.8		1	
18	434900	5198250	Sand and/or Gravel	0.4	1.4	97.3	2.1	0.7		1	
18	435550	5196690	Till	0.2	0.8	81.1	17.0	1.8		1	
18	438825	5193740	Sand and/or Gravel	2.8	2.8	98.3	1.0	0.7		1	
18	437550	5202010	Sand and/or Gravel			99.2	0.2	0.6	1.3	1	
18	441640	5203870	Sand and/or Gravel	0.4	1.3	76.6	19.6	3.8	3.5	1	
18	441640	5203870	Sand and/or Gravel	0.1	0.0	82.6	15.2	2.1	2.0	1	
18	441150	5202460	Till	0.2	2.2	84.1	14.1	1.8		1	
18	440310	5201200	Till	0.1	0.0	79.4	18.8	1.8	2.5	1	
18	438000	5197200	Till	0.1	0.0	75.7	19.5	4.9		1	
18	426700	5198880	Sand and/or Gravel	0.0	0.0	99.0	0.4	0.6		1	
18	427650	5199125	Till	0.2	0.4	28.0	69.6	2.4		1	
18	428225	5202050	Till	0.1	2.0	80.3	16.5	3.2		1	
18	430350	5203550	Till	0.3	1.9	97.3	2.3	0.4		1	
18	431150	5204780	Till	0.3	0.6	75.0	19.6	5.4		1	
18	430790	5213660	Till	0.4	1.1	87.1	11.2	1.8		1	
18	431500	5211150	Till	0.1	1.6	37.2	52.0	10.8		1	
18	431900	5209340	Till	0.1	0.0	70.1	22.9	7.0	4.5	0	
18	431900	5209340	Till	0.1	1.6	69.9	25.2	6.0	3.0	0	
18	431900	5209340	Till	0.1	0.0	63.1	25.2	11.6	2.0	1	
18	431900	5209340	Till	0.1	0.7	69.2	23.8	7.0	0.5	0	
18	439075	5027900	Till	0.3	62.5	65.9	23.9	10.2		1	
18	425410	5038200	Marine Silt/Clay	0.5	0.1	0.0	13.5	86.5		1	
18	429150	5034400	Marine Silt/Clay	0.1	0.7	27.1	9.9	63.0		1	
18	432950	5030200	Sand and/or Gravel	2.5	1.8	81.0	14.3	4.2		1	
18	436800	5029840	Till	0.0	10.6	60.8	28.6	10.7		1	
18	432600	5036560	Sand and/or Gravel	0.0	0.0	43.4	34.1	22.5		1	
18	432500	5038890	Till	0.1	1.3	18.0	4.7	4.7		1	
18	435950	5035850	Sand and/or Gravel	0.3	0.4	95.1	2.4	2.6		1	

UTM	Zone	Easting	Northing	Sediment Type	Non-Carbonate Carbon (63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um)		Per Cent Silt (63-4 um)		Per Cent Clay (<4 um)		Depth (m)	Plot
							In < 2mm	In < 2mm	In < 2mm	In < 2mm				
31005	84KAR1342	18	434350	5037100	Till	2.0	1.1	78.2	17.5	4.3	1			
31005	84KAR1343	18	434140	5035570	Till	0.1	0.0	74.3	21.3	4.4	1			
31F15	84KAR1600	18	380800	5049500	Marine Silt/Clay	0.1	0.0	3.7	34.3	61.9	1			
31F15	84KAR1601	18	379650	5045150	Marine Silt/Clay	0.3	0.3	18.5	25.3	56.2	1			
31F15	84KAR1602	18	379350	5051400	Marine Silt/Clay	1.3	0.3	4.1	30.6	65.3	1			
31F15	84KAR1603	18	379250	5056650	Till	1.3	0.0	68.9	27.4	3.7	1			
31F15	84KAR1604	18	378240	5057000	Sand and/or Gravel	0.1	0.2				1			
31F15	84KAR1605	18	379350	5061475	Sand and/or Gravel	0.2	0.0				1			
31F15	84KAR1606	18	377850	5062720	Marine Silt/Clay	0.0	0.8	4.4	22.1	73.5	1			
31F15	84KAR1607	18	378675	5063950	Sand and/or Gravel	0.1	0.0				1			
31F15	84KAR1608	18	377600	5068450	Marine Silt/Clay	0.1	0.0	0.0	44.9	55.1	1			
31F15	84KAR1609	18	375590	5068740	Sand and/or Gravel	0.1	0.0	61.5	21.0	17.5	0			
31F15	84KAR1609A	18	375590	5066740	Till	0.1	1.1				1			
31F15	84KAR1610	18	367550	5074250	Sand and/or Gravel	1.2	1.9				1			
31F15	84KAR1611	18	364100	5069420	Sand and/or Gravel	0.2	0.1				1			
31F15	84KAR1612	18	366675	5070600	Marine Silt/Clay	0.1	0.0	8.1	26.9	64.9	1			
31F15	84KAR1613	18	369270	5068310	Sand and/or Gravel	0.9	29.3				1			
31F15	84KAR1614	18	369300	5067950	Marine Silt/Clay	0.1	16.3	12.6	48.7	38.7	1			
31F15	84KAR1615	18	365800	5081170	Sand and/or Gravel	0.1	1.5				1			
31F15	84KAR1616	18	367375	5083300	Sand and/or Gravel	0.6	0.3				1			
31F15	84KAR1617	18	366360	5090290	Till	0.1	0.0	55.6	20.9	23.6	1			
31F15	84KAR1617A	18	366360	5090290	Till	0.1	0.0				0			
31F15	84KAR1617B	18	366360	5090290	Till	0.1	0.0				0			
31F15	84KAR1617C	18	366360	5090290	Till	0.1	0.0				0			
31F15	84KAR1617D	18	366360	5090290	Sand and/or Gravel	0.1	0.0				0			
31F15	84KAR1618	18	365560	5090550	Till	0.1	0.0	83.4	10.3	6.3	1			
31F15	84KAR1618A	18	365560	5090550	Till	0.1	0.0				0			
31F15	84KAR1619	18	363600	5092750	Till	0.1	0.0	72.0	19.5	8.5	1			
31F15	84KAR1619A	18	363600	5092750	Till	0.1	0.0				0			
31F15	84KAR1620	18	364775	5081800	Marine Silt/Clay	0.1	0.0	3.6	54.2	42.2	1			
31F15	84KAR1621	18	368050	5073630	Marine Silt/Clay	0.1	0.0	4.7	41.0	54.4	1			
31F15	84KAR1621A	18	368050	5073630	Sand and/or Gravel	0.1	0.0				0			
31F15	84KAR1622	18	371150	5078650	Marine Silt/Clay	0.1	0.0	15.3	38.2	46.5	1			
31F15	84KAR1624	18	369150	5090200	Sand and/or Gravel	0.1	0.0				1			
84KAR1625A		18	375250	508580	Sand and/or Gravel	0.1	14.9				0			
31F15	84KAR1626	18	372800	5089900	Sand and/or Gravel	0.1	0.0				0			
31F15	84KAR1627	18	373875	5075480	Sand and/or Gravel	2.9	0.0				1			
31F15	84KAR1628	18	374620	5075270	Till	0.1	0.1	71.5	26.1	2.4	1			
31F15	84KAR1629	18	376300	5076550	Till	0.5	1.2	65.4	27.3	7.2	1			
31F15	84KAR1630	18	377600	5076650	Till	0.1	0.0	73.9	15.2	11.0	1			
31F15	84KAR1630A	18	377600	5076650	Till	0.1	0.0				0			
31F15	84KAR1630B	18	377600	5076650	Sand and/or Gravel	1.0	1.9				0			
31F15	84KAR1631	18	379150	5075750	Till	0.5	1.1	88.3	10.6	1.2	1			
31F15	84KAR1632	18	374530	5073600	Marine Silt/Clay	0.1	0.0	3.0	34.4	62.5	1			
31F15	84KAR1633	18	377400	5071000	Till	0.2	0.4	81.2	16.0	2.8	1			
31F15	84KAR1635	18	379940	5073320	Sand and/or Gravel	0.4	1.2				1			
31F15	84KAR1636	18	379580	5068000	Marine Silt/Clay	0.1	0.0	1.1	47.2	51.7	1			
31F15	84KAR1637	18	381300	5069700	Sand and/or Gravel	0.1	0.0				1			
31F16	84KAR1638	18	384150	5072450	Till	0.1	0.0	89.5	9.3	1.2	1			
31F16	84KAR1639	18	382450	5074900	Till	0.1	0.3	76.6	20.7	2.7	1			
31F16	84KAR1640	18	384130	5072450	Till	0.1	0.6	65.7	29.2	5.2	1			
31F15	84KAR1641	18	382850	5079720	Till	0.1	0.0	96.6	2.2	1.2	0			
31F15	84KAR1641A	18	382850	5079720	Till	0.1	0.0				0			
31F15	84KAR1641C	18	382850	5079720	Till	0.1	0.0				0			
31F15	84KAR1641D	18	382850	5079720	Till	0.6	0.6				0			
31F15	84KAR1642	18	382850	5079700	Till	0.1	0.0	83.9	14.2	1.9	1			

UTM	NTS Sample	Zone Easting	Northing	Sediment Type	Per Cent Non-Carbonate Carbon (<63um)	Per Cent CaCO3 Equivalent (<63um)	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (<4 um) In < 2mm	Depth (m)	Pilot
	31F15 84KAR1642A	18	382850	5079700	Till	0.1	0.0	72.7	23.4	3.9	0
	31F15 84KAR1642B	18	382850	5079700	Till	0.1	0.0				0
	31F16 84KAR1643	18	386550	5086520	Sand and/or Gravel	0.8	0.3				0
	31F15 84KAR1644	18	383100	5093475	Sand and/or Gravel	0.1	1.3				1
	31F15 84KAR1645	18	382640	5090600	Sand and/or Gravel	3.9	2.9				1
	31F16 84KAR1646	18	385350	5088750	Till	0.1	17.3	71.5	22.6	5.9	1
	31F16 84KAR1647	18	387750	5080150	Till	0.3	0.8	82.3	15.8	1.8	1
	31F16 84KAR1648	18	392225	5079150	Sand and/or Gravel	0.2	0.1				1
	31F16 84KAR1649	18	398630	5073750	Sand and/or Gravel	0.1	0.0				1
	31F16 84KAR1650	18	401800	5074480	Sand and/or Gravel	0.4	0.0				1
	31F16 84KAR1651	18	399060	5070900	Sand and/or Gravel	4.6	0.3				1
	31F16 84KAR1652	18	398850	5089250	Sand and/or Gravel	1.7	1.3				1
	31F16 84KAR1653	18	389650	5089740	Sand and/or Gravel	0.7	0.7				1
	31F16 84KAR1654	18	386425	5072040	Till	0.1	0.0	57.2	34.7	8.1	1
	31F16 84KAR1654A	18	386425	5072040	Till	0.1	0.0				0
	31F16 84KAR1655	18	409375	5085700	Till	0.1	0.0	84.5	13.6	1.9	1
	31F16 84KAR1655A	18	409375	5085700	Till	0.1	0.0				0
	31F16 84KAR1656	18	402740	5085550	Till	0.4	0.1	69.4	23.5	7.0	1
	31F16 84KAR1657	18	400450	5084440	Till	0.1	0.0	61.7	20.3	18.0	1
	31F16 84KAR1658	18	393550	5084950	Till	0.1	0.0	64.4	29.8	5.8	1
	31F16 84KAR1659	18	393300	5088670	Sand and/or Gravel	0.5	0.8				1
	31F16 84KAR1660	18	392100	5089050	Till	0.1	0.0	83.4	15.3	1.3	1
	31F16 84KAR1661	18	385900	5093225	Till	0.1	0.0	70.2	19.4	10.5	1
	31F16 84KAR1662	18	391475	5092300	Sand and/or Gravel	0.9	0.3				1
	31F16 84KAR1663	18	392700	5084475	Till	0.1	0.7	74.5	21.3	4.3	1
	31F16 84KAR1664	18	391950	5082950	Till	0.1	0.0	78.8	18.0	3.2	1
	31F16 84KAR1665	18	395940	5085240	Till	0.2	0.6	80.3	16.6	3.1	1
	31F16 84KAR1666	18	406600	5088450	Till	0.1	0.1	73.9	20.7	5.4	1
	31F16 84KAR1667	18	407340	5092500	Till	0.1	1.1	87.4	11.3	1.3	1
	31F16 84KAR1668	18	409000	5091600	Till			76.8	21.6		1
	31F16 84KAR1669	18	407425	5089820	Till			94.3	4.6		1
	31F16 84KAR1672	18	407160	5079100	Till			86.1	1.2		1
	31F15 85KAR1933A	18	346070	5087425	Sand and/or Gravel	0.1	0.0				1
	31F15 85KAR1934	18	346525	5087045	Sand and/or Gravel	0.3	0.0				1
	31F15 85KAR1938	18	348910	5077615	Till	0.1	61.7				1
	31F15 85KAR1939	18	353675	5086275	Sand and/or Gravel	0.4	1.7				1
	31F15 85KAR1942	18	364845	5081760	Sand and/or Gravel	0.0	0.0	26.3	52.6	21.0	1
	31F15 85KAR1945	18	350315	5092075	Till	0.1	0.0	66.5	26.7	4.8	1
	31F15 85KAR1945A	18	350315	5092075	Till	0.1	0.0				0
	31F15 85KAR1950	18	367950	5070260	Marine Silt/Clay	0.0	0.0	1.6	35.1	63.3	1
	31F15 85KAR1981	18	379000	5072080	Sand and/or Gravel	1.8	1.7				1
	31F15 85KAR1982	18	379070	5073200	Till	0.1	0.0	58.8	36.7	4.5	1
	31F15 85KAR1985	18	381180	5089075	Sand and/or Gravel	0.1	0.8				1
	31F15 85KAR1996	18	366300	5090300	Till	0.0	0.0				1
	31F15 85KAR1998	18	364440	5091650	Till	0.1	0.0	66.7	24.9	8.4	1
	31F15 85KAR1999	18	363610	5092700	Till	0.0	0.0	60.1	26.8	13.1	1
	31F15 85KAR2000	18	361300	5095300	Till	0.5	1.7	79.5	16.4	4.1	1
	31F15 85KAR2008	18	374550	5088325	Till	0.3	0.0	84.9	14.0	1.1	1
	31F15 85KAR2014	18	372485	5090170	Till	0.1	0.0	80.0	16.0	2.0	1
	31F15 85KAR2024	18	376060	5091115	Till	0.5	1.7	77.5	19.9	2.5	1
	31F15 85KAR2026	18	372600	5092910	Till	0.2	0.0				1
	31F15 85KAR2038	18	381850	5085645	Till	0.7	0.8	70.1	22.4	7.5	1
	31F15 85KAR2039	18	379640	5083205	Till	0.2	1.7	89.2	9.8	1.0	1
	31K01 86KAR2060	18	407950	5107300	Till	0.1	0.0	68.0	30.2	1.9	1
	31K01 86KAR2070	18	898420	5119570	Sand and/or Gravel	0.9	0.8	87.7	10.2	2.1	1
	31K07 86KAR2080	18	370200	5127100	Till	0.2	0.0	57.4	38.9	3.7	1

NTS Sample	UTM Zone	UTM Easting	UTM Northing	Sediment Type	Per Cent Non-Carbon Carbon <63um	Per Cent CacO3 Equivalent <63um	Per Cent Sand (2000-63 um) In < 2mm	Per Cent Silt (63-4 um) In < 2mm	Per Cent Clay (< 4 um) In < 2mm	Depth (m)	Plot
31K08 86KAR2110	18	407400	5141400	T111	0.2	0.8	72.7	18.5	8.8		1
31K08 86KAR2120	18	406200	5142300	T111	0.1	0.0	71.6	25.1	3.4		1
31K08 86KAR2130	18	391400	5128600	T111	0.2	0.0	75.2	19.5	5.3		1
31K08 86KAR2140	18	403400	5145850	T111	0.1	0.0	78.0	18.3	3.7		1
31K10 86KAR2150	18	375480	5157150	T111	0.1	0.0	63.8	31.3	5.0		1
31K02 86KAR2160	18	382650	5123170	T111	1.7	3.3	81.1	35.0	3.9		1

# TABLE 2

Terrain Sciences Division - Geological Survey of Canada  
Gatineau Region, Southwestern Quebec - Glacial Sediment Geochemistry  
Clay Fraction - Less Than 2 Microns

06/17/88

Variabes = NTS

Sample

UTM - Zone

- Easting

- Northing

Sediment Type

Ag - Silver

As - Arsenic

Cd - Cadmium

Co - Cobalt

Cr - Chromium

Cu - Copper

Fe - Iron

Hg - Mercury

Mn - Manganese

Mo - Molybdenum

Ni - Nickel

Pb - Lead

U - Uranium

Zn - Zinc

Depth - metres from surface; no value indicates depth less than 1.5 m

Plot - Plot Code - 1 - Representative sample at site

0 - Less than non-representative sample at site

\* geochemical values below the minimum detection limit are set to one half the minimum detection limit

- PPM - Atomic Absorption - 0.1 PPM Detection \*  
- PPM - Colourimetric - 2. PPM Detection \*  
- PPM - Atomic Absorption - 0.2 PPM Detection \*  
- PPM - Atomic Absorption - 1. PPM Detection \*  
- PPM - Atomic Absorption - 2. PPM Detection \*  
- PCT - Atomic Absorption - 0.1 PCT Detection \*  
- PPB - Cold Vapour A.A. - 5. PPB Detection \*  
- PPM - Atomic Absorption - 1. PPM Detection \*  
- PPM - Atomic Absorption - 1. PPM Detection \*  
- PPM - Atomic Absorption - 2. PPM Detection \*  
- PPM - Atomic Absorption - 2. PPM Detection \*  
- PPM - Fluorimetric - 0.1 PPM Detection \*  
- PPM - Atomic Absorption - 1. PPM Detection \*

NTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth	Plot
31F09 82KAR0630	18 418100	5042450 Marine Silt/Clay	0.2	2.	0.1	26.	138.	46.	4.6	20.	870.	1.	79.	10.	0.6	138.	1	1
31F09 82KAR0633	18 414290	5046325 T111	0.2	3.	0.1	25.	58.	91.	3.9	665.	1.	48.	18.	18.	1.8	143.	1	1
31F09 82KAR0636	18 417310	5054240 T111	0.3	3.	0.1	35.	70.	101.	4.7	845.	2.	81.	17.	17.	0.5	200.	1	1
31F09 82KAR0638	18 417275	5050160 T111	0.3	1.	0.8	57.	51.	98.	6.4	2000.	1.	49.	54.	54.	4.25.	425.	1	1
31F09 82KAR0639	18 418625	5050040 T111	0.1	1.	0.5	43.	39.	32.	4.8	2050.	5.	41.	37.	37.	5.3	198.	1	1
31F09 82KAR0640	18 420325	5050350 T111	0.1	2.	0.4	35.	70.	88.	3.9	1100.	2.	58.	24.	24.	3.4	129.	1	1
31F09 82KAR0641	18 420500	5054825 Marine Silt/Clay	0.05	4.	0.1	21.	74.	34.	4.4	25.	885.	0.5	45.	12.	0.4	160.	1	1
31F09 82KAR0642	18 399200	5043440 Lacustrine Silt/Clay	0.05	4.	0.1	22.	106.	40.	5.3	25.	745.	1.	57.	8.	0.3	182.	1	1
31F09 82KAR0643	18 400375	5058360 T111	0.05	1.	0.1	15.	58.	68.	4.1	130.	540.	1.	41.	10.	9.7	130.	1	1
31F09 82KAR0644	18 402425	5058750 T111	0.05	1.	0.1	12.	50.	77.	3.0	20.	350.	1.	41.	8.	1.3	120.	1	1
31F09 82KAR0646	18 403940	5062300 Sand and/or Gravel	0.3	4.	0.1	39.	80.	206.	6.7	160.	2000.	2.	122.	34.	11.3	315.	1	1
31F09 82KAR0649	18 397975	50566100 T111	0.1	1.	0.1	29.	58.	46.	3.8	800.	3.	84.	15.	15.	2.0	95.	1	1
31F09 82KAR0650	18 409560	5052825 T111	0.7	1.	0.4	15.	49.	30.	3.8	335.	6.	22.	32.	32.	5.5	155.	1	1
31F09 82KAR0652	18 410510	5054825 T111	0.1	1.	0.2	27.	63.	265.	3.4	110.	800.	4.	127.	21.	13.2	783.	1	1
31F09 82KAR0653	18 408575	5053025 Sand and/or Gravel	0.1	2.	0.7	32.	68.	34.	3.4	682.	3.	37.	26.	26.	4.9.	49.	1	1
31F09 82KAR0654	18 409110	5053210 Sand and/or Gravel	0.4	2.	0.4	21.	59.	100.	3.3	90.	800.	5.	52.	16.	3.7	184.	1	1
31F09 82KAR0660	18 406150	5040725 T111	0.05	1.	0.1	42.	78.	90.	5.2	1040.	2.	94.	26.	26.	2.0	172.	1	1
31F09 82KAR0661	18 406560	5061425 T111	0.05	1.	0.1	21.	52.	67.	2.9	150.	440.	2.	54.	14.	3.6	170.	1	1
31F09 82KAR0662	18 406550	5061600 Sand and/or Gravel	0.05	1.	0.1	67.	80.	117.	4.1	1025.	1.	116.	24.	24.	5.3	192.	1	1
31F09 82KAR0663	18 406625	5063450 T111	0.1	1.	0.1	58.	78.	59.	5.0	930.	1.	82.	30.	30.	5.1	170.	1	1
31F09 82KAR0664	18 405550	5064825 T111	0.05	1.	0.1	50.	114.	82.	5.6	920.	2.	122.	38.	38.	9.7	140.	1	1
31F09 82KAR0667	18 410825	5056375 Lacustrine Silt/Clay	0.05	1.	0.1	18.	90.	47.	5.0	30.	600.	0.5	55.	8.	1.5	170.	1	1
31F09 82KAR0668	18 408600	5056875 T111	0.05	1.	0.1	20.	52.	114.	3.8	500.	0.5	46.	12.	12.	3.5	106.	1	1
31F09 82KAR0669	18 407575	5059325 T111	0.4	1.	0.1	42.	88.	116.	4.2	80.	720.	0.5	94.	28.	4.1	112.	1	1
31F09 82KAR0670	18 407975	5059310 T111	0.2	1.	0.1	32.	80.	166.	5.0	780.	0.5	92.	38.	38.	10.4	224.	1	1

MTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth	Plot
31F09 82KAR0671	18 406950 506190	Till	0.1	1	0.1	22	80	74	4.1	35	665	2	60	11	2.5	193	1	
31F09 82KAR0672	18 408475 506230	Till	0.05	1	0.1	35	104	81	5.7	240	1950	2	76	49	5.7	164	1	
31F09 82KAR0676	18 411810 506090	Marine Silt/Clay	0.2	2	0.1	17	72	44	4.4	30	540	0.5	46	11	0.6	149	1	
31F09 82KAR0677	18 411400 505980	Till	0.05	2	0.1	30	104	122	4.8	105	780	2	93	21	9.2	120	1	
31F09 82KAR0679	18 417725 506090	Till	0.6	1	0.1	28	80	38	6.4	52	520	4	36	32		112	1	
31F09 82KAR0683	18 416640 505820	Marine Silt/Clay	0.05	2	0.1	18	87	65	4.6	55	730	0.5	57	15	4.3	155	1	
31G12 82KAR0687	18 430810 5042175	Till	0.05	4	0.3	31	85	43	4.9	80	860	5	43	40	7.7	139	1	
31G12 82KAR0691	18 427610 5054825	Till	0.2	1	0.3	15	97	74	3.4	50	580	2	53	9	0.05	134	1	
31G12 82KAR0692	18 427775 5055225	Marine Silt/Clay	0.1	1	0.1	22	121	42	4.9	25	815	3	58	5	0.4	192	1	
31G12 82KAR0693	18 427200 505380	Till	0.1	1	0.2	23	74	129	4.8	30	610	3	56	17	1.1	218	1	
31G12 82KAR0695	18 428225 5054250	Marine Silt/Clay	0.1	2	0.1	19	93	44	4.9	25	740	1	48	9	0.5	183	1	
31G12 82KAR0696	18 427300 5055000	Till	0.05	2	0.1	17	71	112	6.8	30	1000	5	58	17	1.0	284	1	
31G12 82KAR0696A	18 427300 5055000	Till	0.2	1	0.1	21	72	72	5.0	770	770	1	43	14	1.1	192	1	5.0
31G12 82KAR0697	18 426350 5057500	Marine Silt/Clay	0.05	2	0.1	26	98	89	5.2	120	775	1	83	17	4.8	175	1	
31G12 82KAR0698	18 423175 5059760	Marine Silt/Clay	0.05	1	0.1	18	87	65	4.7	35	730	3	48	15	0.5	202	1	
31G12 82KAR0699	18 425225 5062210	Marine Silt/Clay	0.05	1	0.1	16	82	54	4.7	45	740	3	39	21	0.5	202	1	
31F09 82KAR0704	18 395160 504940	Marine Silt/Clay	0.05	1	0.1	25	100	43	5.3	15	775	1	63	8	0.6	182	1	
31F09 82KAR0707	18 386280 5050840	Marine Silt/Clay	0.05	1	0.1	20	86	41	4.3	20	580	0.5	49	8	0.5	144	1	
31F09 82KAR0708	18 383525 5049075	Marine Silt/Clay	0.05	1	0.1	19	84	40	4.4	10	600	0.5	49	8	0.2	149	1	
31F09 82KAR0709	18 383325 5045350	Marine Silt/Clay	0.05	1	0.1	16	72	31	4.1	2	665	0.5	40	5	1.2	133	1	
31F09 82KAR0712	18 388400 5046925	Marine Silt/Clay	0.2	1	0.1	16	85	36	4.1	25	530	0.5	47	10	0.6	128	1	
31F09 82KAR0713	18 390410 5044725	Marine Silt/Clay	0.05	1	0.1	16	97	35	4.2	20	550	0.5	50	3	0.6	140	1	
31F09 82KAR0714	18 389350 5043125	Marine Silt/Clay	0.05	1	0.1	19	80	31	4.4	20	635	0.5	43	8	0.3	145	1	
31F09 82KAR0715	18 395100 5042500	Marine Silt/Clay	0.1	1	0.1	20	105	44	4.9	20	580	0.5	51	9	0.5	162	1	
31F09 82KAR0716	18 403050 5042060	Marine Silt/Clay	0.1	1	0.1	22	90	36	4.8	5	710	0.5	55	10	0.6	170	1	
31F09 82KAR0717	18 398550 5042090	Marine Silt/Clay	0.1	1	0.1	20	104	43	4.7	45	805	0.5	59	7	0.6	165	1	
31F09 82KAR0719	18 395090 5044175	Marine Silt/Clay	0.05	1	0.1	18	110	33	4.4	40	470	0.5	54	5	0.6	162	1	
31F09 82KAR0720	18 393040 5044275	Marine Silt/Clay	0.05	1	0.1	18	98	38	4.2	35	490	0.5	49	8	0.3	140	1	
31F09 82KAR0721	18 390075 5045875	Marine Silt/Clay	0.1	1	0.1	18	96	37	4.2	30	560	0.5	46	10	0.4	140	1	
31F09 82KAR0722	18 386500 5046880	Marine Silt/Clay	0.2	1	0.1	20	109	44	4.7	75	540	0.5	58	8	0.7	147	1	
31F09 82KAR0728	18 385625 5048925	Till	0.1	1	0.1	39	72	95	4.4	225	820	2	87	25	5.9	188	1	
31F09 82KAR0729	18 385000 5066200	Till	0.05	1	0.1	26	50	93	3.0	145	530	2	63	26	4.5	128	1	
31F09 82KAR0733	18 390410 5065850	Till	0.4	4	0.1	29	80	108	5.2	550	550	2	79	34	16.7	152	1	
31F09 82KAR0734	18 393975 5062875	Till	0.1	1	0.8	20	40	90	2.4	45	680	4	68	13		2330	1	
31F09 82KAR0735	18 395400 5062325	Till	0.2	1	0.1	76	112	144	10.6	3400	3400	0.5	168	52	3.6	330	1	
31F09 82KAR0736	18 396025 5061975	Till	0.4	4	0.4	56	72	198	7.6	76	3600	0.5	120	40	1.8	224	1	
31F09 82KAR0738	18 397310 5062390	Till	0.8	1	0.1	76	112	144	10.6	3400	3400	0.5	168	52	3.6	330	1	
31F09 82KAR0739	18 395925 5064525	Till	0.05	1	0.1	66	80	164	7.2	3400	3400	2	94	42	6.0	266	1	
31F09 82KAR0746	18 395150 5055950	Marine Silt/Clay	0.1	1	0.1	23	82	46	5.0	15	825	1	54	9	0.5	178	1	
31F09 82KAR0747	18 396475 5055050	Marine Silt/Clay	0.05	1	0.1	23	96	49	5.0	29	695	0.5	56	8	0.3	178	1	
31F09 82KAR0748	18 395440 5052650	Marine Silt/Clay	0.05	1	0.1	21	99	38	4.8	30	680	0.5	53	9	0.4	173	1	
31F09 82KAR0749	18 393390 5054080	Marine Silt/Clay	0.05	1	0.1	21	90	42	4.6	20	710	0.5	52	8	0.2	173	1	
31F09 82KAR0750	18 394125 5051680	Marine Silt/Clay	0.05	1	0.1	22	102	34	4.7	25	775	0.5	55	7	0.7	170	1	
31F09 82KAR0751	18 399300 5049550	Sand and/or Gravel	0.05	1	0.1	20	168	40	4.2	20	600	0.5	78	11	0.2	132	1	
31F09 82KAR0758	18 410460 5047325	Marine Silt/Clay	0.05	1	0.1	18	147	38	4.3	50	530	1	68	11	1.3	142	1	
31G12 82KAR0859	18 436350 5042890	Marine Silt/Clay	0.05	1	0.1	15	101	41	4.9	50	530	5	49	13	5.0	161	1	
31G12 82KAR0861	18 435825 5043875	Marine Silt/Clay	0.05	2	0.1	15	88	45	4.9	35	780	2	53	16	1.6	149	1	
31G12 82KAR0863	18 435200 5044750	Marine Silt/Clay	0.05	1	0.1	20	83	77	5.1	100	930	1	67	9	0.7	188	1	
31G12 82KAR0864	18 432750 5046660	Marine Silt/Clay	0.1	1	0.1	21	165	62	5.3	40	580	2	67	9	0.7	188	1	
31G12 82KAR0865	18 431900 5047060	Marine Silt/Clay	0.2	1	0.1	17	96	110	5.2	70	910	0.5	60	14	1.1	200	1	
31G12 82KAR0867	18 427450 5059400	Colluvium	0.2	1	0.1	21	123	70	5.7	75	1100	5	63	13	2.8	185	1	
31G12 82KAR0869	18 428710 5062650	Marine Silt/Clay	0.5	1	0.1	18	91	38	4.9	35	870	3	47	12	0.5	199	1	
31G12 82KAR0871	18 427525 5063775	Till	0.05	2	0.1	18	93	64	4.8	75	710	2	70	29	0.6	245	1	
31G12 82KAR0872	18 426610 5064425	Marine Silt/Clay	0.1	2	0.1	16	95	58	5.5	30	720	2	50	15	0.5	192	1	
31G12 82KAR0873	18 426125 5066025	Till	0.05	3	0.3	20	99	42	4.9	90	1100	2	42	23	1.5	137	1	
31G12 82KAR0874	18 426075 5066200	Marine Silt/Clay	0.05	1	0.1	16	102	57	5.4	60	745	3	52	19	0.8	185	1	
31G12 82KAR0875	18 427250 5066225	Till	0.05	2	0.1	34	103	59	5.5	145	1200	2	81	69	2.3	276	1	
31G12 82KAR0876	18 429590 5065525	Marine Silt/Clay	0.05	1	0.1	18	94	51	5.0	45	860	2	48	22	0.7	198	1	

NTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31G12 82KAR0877	18 430750 5084360	Sand and/or Gravel	0.2	2.	0.1	19.	87.	39.	4.8	30.	750.	4.	42.	11.	0.6	174.	1
31G12 82KAR0878	18 430390 5083350	Marine Silt/Clay	0.05	1.	0.1	18.	88.	50.	4.5	35.	760.	3.	45.	11.	1.1	185.	1
31G12 82KAR0879	18 430400 5081825	Sand and/or Gravel	0.2	1.	0.1	17.	88.	45.	4.7	25.	700.	4.	45.	11.	0.6	189.	1
31G12 82KAR0880	18 430410 5080420	Sand and/or Gravel	0.1	2.	0.1	23.	125.	58.	5.2	30.	820.	4.	59.	11.	0.7	209.	1
31G12 82KAR0882	18 432110 5080600	Marine Silt/Clay	0.2	2.	0.1	19.	91.	49.	5.3	25.	820.	6.	44.	14.	0.5	184.	1
31G12 82KAR0884	18 431300 5051510	Marine Silt/Clay	0.2	1.	0.1	22.	135.	82.	5.3	45.	730.	6.	62.	10.	0.8	185.	1
31G12 82KAR0887	18 436425 5048510	Till	0.1	2.	0.1	26.	102.	58.	5.5	75.	860.	7.	54.	23.	4.5	192.	1
31G12 82KAR0888	18 437160 5046525	Marine Silt/Clay	0.2	1.	0.1	18.	91.	43.	4.4	25.	780.	4.	43.	8.	0.5	181.	1
31G12 82KAR0889	18 438575 5045775	Marine Silt/Clay	0.1	3.	1.0	20.	103.	135.	5.1	60.	780.	4.	57.	15.	2.3	343.	1
31G12 82KAR0892	18 441775 5044425	Till	0.05	3.	0.1	35.	102.	60.	4.3	2.	740.	4.	70.	27.	1.8	119.	1
31G12 82KAR0893	18 441090 5048960	Till	0.1	2.	0.1	22.	110.	48.	4.5	50.	700.	3.	50.	16.	0.7	180.	1
31G12 82KAR0894	18 440090 5048725	Marine Silt/Clay	0.3	0.1	0.1	21.	103.	53.	5.2	35.	715.	3.	47.	9.	0.6	206.	1
31G12 82KAR0895	18 438825 5047340	Marine Silt/Clay	0.1	1.	0.1	19.	95.	44.	3.5	830.	2.	48.	12.	0.8	192.	1	
31G12 82KAR0896	18 437110 5047560	Marine Silt/Clay	0.05	1.	0.1	18.	100.	59.	5.4	40.	560.	5.	47.	17.	0.8	204.	1
31G12 82KAR0899	18 438825 5049475	Marine Silt/Clay	0.1	1.	0.1	18.	98.	58.	5.4	55.	730.	8.	50.	15.	0.6	187.	1
31G12 82KAR0900	18 438475 5050625	Marine Silt/Clay	0.2	1.	0.1	18.	84.	50.	4.7	40.	730.	4.	54.	14.	0.5	192.	1
31G12 82KAR0902	18 437125 5052275	Marine Silt/Clay	0.2	1.	0.1	19.	93.	68.	4.6	55.	760.	4.	54.	12.	0.7	201.	1
31G12 82KAR0903	18 437325 5057025	Till	0.3	1.	0.1	58.	74.	88.	5.0	1250.	7.	95.	32.	11.5	189.	1	
31G12 82KAR0904	18 437125 5055550	Till	0.1	1.	0.1	25.	78.	27.	5.8	2.	702.	4.	51.	26.	0.5	98.	1
31G12 82KAR0905	18 436325 5054100	Till	0.3	1.	0.1	76.	86.	60.	6.2	2000.	3.	75.	49.	6.5	158.	1	
31G12 82KAR0906	18 444000 5082525	Till	0.1	2.	0.1	21.	78.	71.	3.4	100.	640.	3.	57.	19.	2.0	116.	1
31G12 82KAR0908	18 442725 5081700	Sand and/or Gravel	0.1	2.	0.1	27.	83.	121.	4.3	120.	1000.	2.	56.	26.	2.7	150.	1
31G12 82KAR0909	18 443075 5060725	Marine Silt/Clay	0.5	1.	0.1	16.	87.	53.	5.1	35.	520.	2.	45.	14.	0.6	159.	1
31G12 82KAR0910	18 443300 5080500	Till	0.3	1.	0.1	20.	82.	101.	5.2	140.	710.	2.	53.	23.	2.9	130.	1
31G12 82KAR0911	18 443825 5059475	Till	0.1	1.	0.1	24.	81.	58.	4.3	80.	660.	6.	72.	18.	1.2	188.	1
31G12 82KAR0912	18 439150 5066175	Till	0.6	1.	0.1	34.	70.	116.	6.5	1725.	3.	61.	47.	1.7	178.	1	
31G12 82KAR0912A	18 439150 5066175	Till	0.05	1.	0.1	18.	84.	37.	4.7	55.	745.	3.	44.	16.	1.0	156.	0
31G12 82KAR0914	18 442190 5039525	Marine Silt/Clay	0.1	1.	0.1	20.	133.	49.	4.3	20.	700.	2.	60.	10.	0.7	172.	1
31G12 82KAR0916	18 439925 5041110	Marine Silt/Clay	0.05	2.	0.1	20.	139.	62.	5.9	35.	700.	2.	87.	9.	0.5	189.	1
31G12 82KAR0918	18 437040 5043675	Marine Silt/Clay	0.1	2.	0.1	17.	110.	51.	5.2	20.	690.	6.	53.	11.	0.5	192.	1
31G12 82KAR0919	18 439575 5044225	Till	0.4	8.	0.7	47.	127.	248.	6.7	280.	1200.	2.	280.	105.	1.3	870.	1
31G12 82KAR0920	18 438025 5052275	Marine Silt/Clay	0.2	2.	0.1	18.	96.	69.	5.4	30.	760.	1.	55.	15.	0.5	175.	1
31G12 82KAR0922	18 439525 5054350	Till	0.4	3.	0.1	23.	76.	66.	5.2	130.	730.	2.	69.	31.	4.9	140.	1
31G12 82KAR0923	18 440275 5054000	Till	0.05	4.	0.1	27.	74.	49.	3.6	150.	730.	2.	44.	23.	1.8	82.	1
31G12 82KAR0924	18 441740 5055040	Till	0.3	3.	0.4	35.	82.	82.	4.2	300.	500.	4.	85.	17.	3.4	85.	1
31G12 82KAR0926	18 440810 5063540	Till	0.2	3.	0.1	27.	71.	62.	5.4	290.	430.	4.	52.	28.	6.8	81.	1
31G12 82KAR0927	18 440150 5063775	Till	0.1	3.	0.1	37.	76.	89.	4.4	170.	855.	3.	58.	29.	3.5	103.	1
31G12 82KAR0928	18 441240 5065170	Till	0.1	2.	0.1	22.	69.	90.	4.0	120.	855.	2.	50.	17.	2.6	106.	1
31G12 82KAR0929	18 440090 5064650	Till	0.05	1.	0.2	24.	86.	58.	4.8	105.	790.	3.	50.	19.	1.7	92.	1
31G12 82KAR0930	18 440620 5065100	Till	0.05	2.	0.1	16.	72.	96.	4.2	80.	660.	2.	44.	14.	2.0	141.	1
31G12 82KAR0931	18 440100 5065875	Till	0.05	3.	0.4	23.	59.	79.	3.5	150.	740.	3.	53.	14.	2.8	90.	1
31G12 82KAR0932	18 438275 5066150	Till	0.05	5.	0.1	35.	67.	72.	3.7	195.	780.	3.	55.	15.	3.0	93.	1
31G12 82KAR0933	18 437050 5065775	Till	0.2	1.	0.1	33.	80.	79.	4.1	940.	2.	58.	22.	4.1	100.	1	
31G12 82KAR0935	18 441960 5068000	Till	0.2	1.	0.8	27.	52.	31.	4.6	350.	5.	21.	16.	16.	75.	75.	1
31G12 82KAR0936	18 441200 5065875	Till	0.3	3.	0.2	49.	91.	93.	5.2	380.	4.	67.	26.	11.8	109.	1	
31G12 82KAR0937	18 440175 5068910	Till	0.1	3.	0.1	25.	76.	80.	4.2	190.	740.	3.	54.	26.	2.7	102.	1
31G12 82KAR0938	18 438810 5059450	Till	0.05	1.	0.1	19.	89.	93.	5.7	40.	600.	4.	58.	15.	2.1	202.	1
31G12 82KAR0939	18 439075 5061360	Till	0.05	2.	0.1	29.	117.	114.	5.3	110.	870.	4.	73.	17.	2.0	151.	1
31G12 82KAR0942	18 438590 5062250	Till	0.1	1.	0.1	31.	65.	61.	3.6	550.	3.	71.	11.	1.8	94.	1	
31G12 82KAR0943	18 437290 5064900	Till	0.4	4.	0.2	38.	77.	42.	3.8	900.	4.	62.	23.	2.8	90.	1	
31G12 82KAR0944	18 437625 5064000	Sand and/or Gravel	0.05	3.	0.1	56.	94.	364.	6.9	115.	1000.	5.	109.	41.	6.2	200.	1
31G12 82KAR0945	18 438475 5063810	Coiluvium	0.2	3.	0.2	24.	81.	81.	4.5	790.	3.	49.	23.	2.8	105.	1	
31G12 82KAR0946	18 438025 5065950	Till	0.1	2.	0.1	23.	83.	81.	4.1	750.	1.	58.	18.	2.3	84.	1	
31G12 82KAR0947	18 438000 5065460	Till	0.05	1.	0.1	20.	71.	134.	4.3	85.	700.	2.	50.	19.	2.7	128.	1
31G12 82KAR0948	18 443710 5066100	Coiluvium	0.05	2.	0.1	21.	91.	36.	4.6	70.	700.	3.	44.	15.	1.4	115.	3.5
31G12 82KAR0949B	18 443900 5065500	Till	0.1	5.	0.1	9.	71.	12.	6.3	280.	4.	24.	22.	1.6	46.	0	
31G12 82KAR0950	18 444425 5065540	Sand and/or Gravel	0.05	2.	0.1	16.	89.	34.	5.0	35.	530.	2.	39.	11.	0.3	209.	1
31G13 82KAR0956	18 440610 5074400	Till	0.05	1.	0.1	20.	97.	58.	5.6	130.	760.	3.	59.	12.	1.2	196.	1

NTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31G13 82KAR0958	18 438525 507825	Fill	0.1	7.0	0.1	17.0	38.0	123.0	2.6	110.0	350.0	4.0	39.0	17.0	7.3	265.0	1
31G13 82KAR0960	18 443410 506640	Marine Silt/Clay	0.05	2.0	0.1	14.0	90.0	58.0	4.8	30.0	700.0	2.0	58.0	12.0	0.9	204.0	1
31G13 82KAR0965	18 440380 5081725	Fill	0.05	1.0	0.1	18.0	81.0	137.0	5.1	70.0	750.0	0.5	58.0	15.0	1.2	155.0	1
31G13 82KAR0966	18 437525 5082910	Fill	0.05	1.0	0.1	18.0	60.0	35.0	3.1	100.0	760.0	4.0	32.0	11.0	1.0	83.0	1
31G13 82KAR0968	18 439475 5082150	Fill	0.1	1.0	0.1	22.0	95.0	91.0	5.2	105.0	800.0	2.0	80.0	15.0	1.0	158.0	1
31G13 82KAR0970	18 440890 5080460	Fill	0.05	1.0	0.2	24.0	86.0	120.0	4.6	155.0	980.0	2.0	82.0	28.0	1.5	168.0	1
31G13 82KAR0971	18 440375 5079650	Fill	0.1	2.0	0.1	19.0	59.0	30.0	3.3	155.0	850.0	2.0	39.0	20.0	1.6	86.0	1
31G13 82KAR0974	18 439760 5070450	Fill	0.05	2.0	0.1	25.0	87.0	90.0	4.1	140.0	740.0	3.0	60.0	22.0	1.9	126.0	1
31G13 82KAR0976	18 427490 5089300	Marine Silt/Clay	0.1	1.0	0.1	16.0	77.0	45.0	4.9	40.0	830.0	0.5	45.0	11.0	0.9	192.0	1
31G13 82KAR0977	18 428425 5089250	Marine Silt/Clay	0.1	1.0	0.1	20.0	118.0	56.0	5.4	85.0	780.0	2.0	59.0	13.0	0.3	202.0	1
31G13 82KAR0978	18 428950 5070510	Fill	0.05	1.0	0.3	17.0	88.0	81.0	5.8	55.0	650.0	1.0	59.0	15.0	0.3	175.0	1
31G13 82KAR0979	18 429180 5071750	Marine Silt/Clay	0.05	1.0	0.1	20.0	145.0	62.0	6.0	40.0	750.0	2.0	72.0	7.0	0.2	195.0	1
31G13 82KAR0980	18 430690 5071110	Fill	0.2	2.0	0.1	24.0	90.0	43.0	5.3	250.0	790.0	3.0	55.0	29.0	1.9	103.0	1
31G13 82KAR0982	18 436690 5072600	Fill	0.1	2.0	0.1	30.0	84.0	110.0	5.5	95.0	1000.0	2.0	60.0	28.0	2.4	158.0	1
31G13 82KAR0984	18 432675 5071760	Colluvium	0.05	2.0	0.1	29.0	85.0	144.0	6.1	340.0	1500.0	4.0	80.0	33.0	3.1	130.0	1
31G13 82KAR0985	18 428225 5072710	Marine Silt/Clay	0.05	1.0	0.1	16.0	103.0	65.0	5.0	80.0	700.0	2.0	53.0	7.0	0.05	198.0	1
31G13 82KAR0986	18 426000 5066600	Marine Silt/Clay	0.1	1.0	0.1	16.0	92.0	57.0	5.2	130.0	770.0	1.0	52.0	14.0	0.2	207.0	1
31G13 82KAR0987	18 426800 5068540	Marine Silt/Clay	0.1	1.0	0.1	17.0	85.0	57.0	5.0	75.0	920.0	4.0	57.0	16.0	0.3	204.0	1
31G13 82KAR0988	18 425840 5089860	Sand and/or Gravel	0.05	1.0	0.1	16.0	83.0	58.0	5.3	30.0	830.0	0.5	52.0	12.0	0.3	220.0	1
31G13 82KAR0989	18 424225 5089000	Fill	0.3	5.0	0.6	32.0	90.0	79.0	6.5	340.0	2100.0	3.0	77.0	139.0	0.4	828.0	1
31G13 82KAR0990	18 424200 5070540	Marine Silt/Clay	0.05	1.0	0.1	20.0	90.0	53.0	5.3	25.0	875.0	4.0	49.0	14.0	0.5	205.0	1
31G13 82KAR0992	18 423675 5072410	Fill	0.05	1.0	0.1	25.0	109.0	50.0	5.4	110.0	1150.0	1.0	65.0	73.0	0.7	340.0	1
31G13 82KAR0993	18 422575 5073175	Marine Silt/Clay	0.05	1.0	0.1	16.0	89.0	53.0	5.3	40.0	750.0	1.0	50.0	13.0	0.3	186.0	1
31G13 82KAR0994	18 425275 5073175	Marine Silt/Clay	0.05	2.0	0.1	20.0	136.0	61.0	5.5	60.0	820.0	1.0	69.0	7.0	0.6	199.0	1
31G13 82KAR0995	18 425275 5074990	Fill	0.05	1.0	0.3	23.0	121.0	103.0	6.6	45.0	1100.0	2.0	80.0	25.0	0.6	309.0	1
31G13 82KAR0996	18 423175 5077475	Marine Silt/Clay	0.1	1.0	0.1	23.0	121.0	56.0	5.6	25.0	1000.0	2.0	62.0	13.0	1.0	198.0	1
31G13 82KAR0997	18 423175 5075150	Marine Silt/Clay	0.05	1.0	0.1	20.0	110.0	52.0	5.6	25.0	930.0	2.0	58.0	9.0	0.7	219.0	1
31G13 82KAR0998	18 427875 5075840	Marine Silt/Clay	0.5	1.0	0.1	24.0	137.0	58.0	5.8	55.0	910.0	2.0	72.0	13.0	0.6	210.0	1
31G13 82KAR0999	18 426900 5074110	Sand and/or Gravel	0.05	1.0	0.1	19.0	90.0	29.0	5.1	75.0	990.0	2.0	51.0	15.0	0.6	265.0	1
31G13 82KAR1000	18 426400 5072325	Marine Silt/Clay	0.05	1.0	0.1	20.0	110.0	52.0	5.8	75.0	800.0	3.0	56.0	7.0	1.2	197.0	1
31G13 82KAR1001	18 426550 5076200	Marine Silt/Clay	0.05	1.0	0.1	18.0	108.0	52.0	5.5	40.0	790.0	3.0	53.0	8.0	0.3	191.0	1
31G13 82KAR1003	18 427040 5079175	Marine Silt/Clay	0.05	1.0	0.1	17.0	119.0	69.0	5.8	55.0	710.0	2.0	56.0	8.0	0.05	194.0	1
31G13 82KAR1004	18 426500 5080875	Fill	0.05	2.0	0.2	11.0	39.0	11.0	2.1	95.0	530.0	3.0	39.0	13.0	0.6	165.0	1
31G13 82KAR1005	18 427375 5082760	Marine Silt/Clay	0.05	1.0	0.1	16.0	89.0	54.0	5.2	40.0	730.0	2.0	51.0	12.0	0.8	171.0	1
31G13 82KAR1006	18 426350 5083640	Fill	0.2	3.0	0.1	30.0	96.0	126.0	5.8	275.0	1750.0	2.0	63.0	24.0	1.7	123.0	1
31G13 82KAR1007	18 425380 5085090	Fill	0.05	1.0	0.1	22.0	79.0	87.0	4.4	75.0	930.0	1.0	54.0	20.0	1.5	149.0	1
31G13 82KAR1008	18 423525 5086690	Fill	0.05	2.0	0.1	63.0	120.0	120.0	6.4	115.0	2000.0	2.0	148.0	48.0	2.6	271.0	1
31G13 82KAR1009	18 424825 5087710	Fill	0.05	1.0	0.1	27.0	100.0	59.0	4.1	110.0	750.0	6.0	92.0	15.0	1.6	123.0	1
31G13 82KAR1010	18 424775 5089750	Marine Silt/Clay	0.05	1.0	0.1	24.0	144.0	62.0	5.4	40.0	850.0	4.0	71.0	14.0	0.6	207.0	1
31G13 82KAR1011	18 423550 5089790	Colluvium	0.05	1.0	0.1	21.0	124.0	69.0	5.2	40.0	820.0	0.5	64.0	11.0	0.8	184.0	1
31G13 82KAR1012	18 425680 5088675	Marine Silt/Clay	0.05	1.0	0.1	20.0	108.0	56.0	4.8	30.0	800.0	3.0	56.0	7.0	1.1	203.0	1
31G13 82KAR1014	18 429425 5090190	Marine Silt/Clay	0.05	1.0	0.1	20.0	139.0	59.0	4.5	30.0	830.0	1.0	60.0	10.0	0.6	174.0	1
31G13 82KAR1015	18 433350 5088350	Fill	0.05	1.0	0.1	19.0	80.0	73.0	5.1	35.0	720.0	2.0	50.0	11.0	0.6	170.0	1
31G13 82KAR1016	18 435500 5087260	Fill	0.05	1.0	0.1	26.0	74.0	72.0	4.7	115.0	1000.0	0.5	49.0	21.0	2.3	106.0	1
31G13 82KAR1017	18 436160 5084725	Fill	0.05	3.0	0.1	16.0	93.0	48.0	4.8	40.0	570.0	4.0	44.0	11.0	2.4	178.0	1
31G13 82KAR1018	18 437925 5090575	Fill	0.05	1.0	0.1	18.0	85.0	30.0	4.3	95.0	540.0	4.0	36.0	26.0	1.8	124.0	1
31G13 82KAR1019	18 437610 5092225	Fill	0.2	2.0	0.2	23.0	88.0	35.0	5.5	215.0	660.0	5.0	41.0	33.0	2.3	159.0	1
31G13 82KAR1021	18 432510 5090090	Fill	0.05	1.0	0.1	20.0	48.0	130.0	4.8	160.0	560.0	3.0	65.0	11.0	0.6	143.0	1
31G13 82KAR1022	18 433940 5083825	Fill	0.05	1.0	0.1	20.0	77.0	40.0	4.0	85.0	960.0	3.0	32.0	21.0	1.3	98.0	1
31G13 82KAR1023	18 433160 5091775	Fill	0.05	1.0	0.1	19.0	82.0	55.0	4.7	55.0	735.0	2.0	44.0	21.0	0.6	147.0	1
31G13 82KAR1024	18 431000 5088810	Marine Silt/Clay	0.05	2.0	0.1	19.0	102.0	66.0	5.3	30.0	740.0	3.0	52.0	11.0	0.6	177.0	1
31G13 82KAR1026	18 431460 5085110	Colluvium	0.05	1.0	0.1	24.0	117.0	53.0	4.9	35.0	830.0	2.0	61.0	11.0	0.7	153.0	1
31G13 82KAR1028	18 429890 5085540	Marine Silt/Clay	0.05	1.0	0.1	16.0	83.0	37.0	4.4	25.0	740.0	3.0	37.0	12.0	0.6	155.0	1
31G13 82KAR1029	18 426790 5082840	Colluvium	0.4	1.0	0.1	27.0	149.0	97.0	5.8	155.0	920.0	4.0	94.0	19.0	2.2	168.0	1
31G13 82KAR1030	18 429475 5082825	Marine Silt/Clay	0.05	2.0	0.1	21.0	143.0	72.0	5.5	40.0	710.0	2.0	69.0	7.0	0.5	182.0	1
31F10 82KAR1048	18 372590 5085710	Marine Silt/Clay	0.05	1.0	0.1	18.0	107.0	48.0	4.6	25.0	800.0	3.0	51.0	11.0	0.3	177.0	1
31F10 82KAR1049	18 369725 5085850	Marine Silt/Clay	0.05	1.0	0.1	19.0	104.0	42.0	5.4	25.0	900.0	4.0	48.0	8.0	0.05	182.0	2.0
31F10 82KAR1050	18 389725 5080150	Fill	0.5	20.0	0.3	72.0	45.0	322.0	7.9	2.0	6400.0	5.0	71.0	41.0	0.3	346.0	1



NTS Sample	UTH	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth	Plot
31F10 82KAR1051	18 369725 5064190	Marine Silt/Clay	0.05	1.	0.1	16.	126.	34.	4.9	35.	760.	2.	50.	10.	0.6	181.		1
31F10 82KAR1052	18 367800 5066660	Till	0.05	1.	0.1	23.	102.	27.	5.1	40.	575.	6.	60.	23.	1.3	405.		1
31F10 82KAR1054	18 367640 5066880	Marine Silt/Clay	0.05	1.	0.1	17.	94.	50.	4.8	20.	800.	3.	48.	15.	0.8	153.		1
31F10 82KAR1056	18 370925 5066125	Marine Silt/Clay	0.05	1.	0.1	20.	113.	56.	5.2	45.	845.	2.	54.	9.	0.6	192.		1
31F10 82KAR1057	18 371440 5066550	Till	0.05	5.	0.2	15.	80.	107.	5.3	40.	870.	2.	48.	38.	0.3	419.		1
31F10 82KAR1059	18 374310 5062150	Marine Silt/Clay	0.1	1.	0.1	18.	106.	46.	4.6	25.	880.	1.	45.	9.	0.3	190.		1
31F10 82KAR1060	18 371460 5061225	Marine Silt/Clay	0.05	2.	0.1	18.	107.	59.	4.7	40.	720.	2.	48.	11.	0.3	188.		1
31F10 82KAR1061	18 374100 5059650	Marine Silt/Clay	0.05	1.	0.1	19.	106.	57.	4.3	25.	760.	2.	45.	8.	0.3	186.		1
31F10 82KAR1062	18 374250 5059575	Till	0.2	12.	0.3	46.	78.	382.	6.8	2.	4400.	4.	79.	42.	12.8	275.		1
31F10 82KAR1063	18 373925 5058125	Marine Silt/Clay	0.05	1.	0.1	17.	97.	47.	4.7	30.	730.	2.	48.	10.	0.6	174.		1
31F10 82KAR1064	18 374860 5054875	Marine Silt/Clay	0.05	1.	0.1	18.	110.	71.	4.8	60.	830.	2.	54.	15.	1.1	168.		1
31F10 82KAR1065	18 370800 5050410	Till	0.2	2.	0.1	17.	73.	159.	4.2	175.	850.	3.	52.	17.	1.4	206.		1
31F10 82KAR1066	18 372025 5049075	Till	0.05	2.	0.2	18.	97.	57.	5.5	40.	700.	4.	47.	14.	2.1	199.		1
31F10 82KAR1067	18 376275 5049290	Marine Silt/Clay	0.05	1.	0.2	16.	85.	45.	4.5	25.	750.	4.	39.	9.	0.05	179.		1
31K01 83KAR1070	18 419050 5094375	Marine Silt/Clay	0.3	1.	0.1	22.	126.	57.	5.7	5.	880.	3.	70.	9.	0.6	194.		1
31F16 83KAR1071	18 419050 5091950	Marine Silt/Clay	0.05	1.	0.1	23.	130.	65.	3.6	15.	830.	2.	71.	9.	0.8	179.		1
31F16 83KAR1072	18 418540 5091850	Sand and/or Gravel	0.6	3.	0.2	44.	95.	95.	6.6	115.	870.	3.	99.	22.	0.4	174.		1
31F16 83KAR1073	18 417775 5091560	Marine Silt/Clay	0.1	1.	0.1	17.	95.	68.	5.3	10.	700.	2.	61.	11.	0.8	147.		1
31F16 83KAR1074	18 413325 5091200	Sand and/or Gravel	0.05	4.	0.1	46.	124.	118.	11.8	445.	1050.	6.	78.	88.		128.		1
31F16 83KAR1076	18 421260 5089590	Sand and/or Gravel	0.05	1.	0.1	40.	268.	180.	8.4	225.	1800.	6.	126.	36.		372.		1
31F16 83KAR1077	18 422125 5087800	Till	0.05	1.	0.1	19.	100.	53.	6.3	280.	1200.	3.	53.	28.	2.2	187.		1
31F16 83KAR1078	18 421050 5084510	Marine Silt/Clay	0.05	2.	0.1	22.	120.	70.	6.2	25.	100.	3.	62.	13.	0.8	159.		1
31F16 83KAR1079	18 421610 5078750	Marine Silt/Clay	0.05	2.	0.1	21.	119.	52.	5.5	25.	800.	2.	62.	10.	0.6	151.		1
31F16 83KAR1080	18 417090 5080150	Till	0.05	6.	1.1	14.	110.	179.	19.5	565.	860.	2.	55.	158.	2.0	377.		1
31F16 83KAR1081	18 414675 5083450	Sand and/or Gravel	0.05	0.8	0.2	82.	184.	164.	9.6	470.	1440.	8.	102.	72.		164.		1
31F16 83KAR1082	18 413400 5083690	Till	0.05	1.	0.1	107.	144.	63.	5.7	20.	5550.	8.	110.	12.	0.4	237.		1
31F16 83KAR1083	18 418075 5078760	Marine Silt/Clay	0.05	2.	0.1	20.	95.	48.	5.8	50.	820.	3.	58.	13.	0.6	178.		1
31F16 83KAR1084	18 419340 5077840	Sand and/or Gravel	0.8	2.	0.2	87.	320.	110.	6.9	225.	1900.	7.	157.	35.		103.		1
31F16 83KAR1085	18 419340 5075800	Marine Silt/Clay	0.05	1.	0.1	17.	98.	46.	5.3	35.	570.	2.	43.	9.	0.2	147.		1
31F16 83KAR1086	18 419790 5075650	Sand and/or Gravel	0.4	2.	5.0	89.	134.	165.	7.6	95.	1200.	6.	144.	33.		153.		1
31F16 83KAR1087	18 419700 5077510	Marine Silt/Clay	0.05	1.	0.4	19.	108.	62.	5.5	50.	860.	2.	67.	11.	0.3	139.		1
31F16 83KAR1088	18 420810 5074600	Marine Silt/Clay	0.05	1.	0.4	18.	108.	40.	5.7	15.	940.	2.	52.	9.	0.8	164.		1
31F16 83KAR1089	18 420810 5067425	Colluvium	0.05	3.	0.5	35.	109.	69.	6.6	165.	1100.	6.	111.	23.	5.2	141.		1
31F16 83KAR1090	18 419850 5069500	Sand and/or Gravel	0.05	4.	1.2	88.	108.	202.	7.8	140.	1180.	8.	104.	72.	2.2	210.		1
31F16 83KAR1091	18 417175 5070590	Sand and/or Gravel	0.05	1.	0.3	32.	130.	75.	5.6	135.	1100.	4.	79.	21.	1.8	139.		1
31F16 83KAR1092	18 415840 5070075	Sand and/or Gravel	0.05	1.0	0.0	50.	264.	56.	6.2		1300.	8.	102.	42.		90.		1
31F16 83KAR1093	18 415175 5070160	Till	0.05	2.	0.3	34.	96.	89.	5.1	240.	1100.	4.	67.	45.	12.5	110.		1
31F16 83KAR1094	18 414360 5075125	Sand and/or Gravel	0.05	2.	0.4	30.	96.	97.	7.0	185.	2000.	3.	81.	89.	1.0	159.		1
31F16 83KAR1095	18 410840 5075310	Sand and/or Gravel	0.05	5.	0.6	58.	156.	68.	7.6	165.	1720.	8.	96.	28.	4.3	182.		1
31F16 83KAR1096	18 412290 5074300	Sand and/or Gravel	0.2	2.	0.4	50.	80.	60.	6.2	375.	1080.	8.	54.	26.	5.8	58.		1
31F16 83KAR1097	18 412210 5073760	Till	0.2	2.	0.3	82.	98.	81.	9.0	155.	2400.	4.	116.	48.	1.6	24.		1
31K01 83KAR1098	18 418125 5104740	Till	0.05	1.	0.2	15.	80.	46.	4.9	20.	820.	2.	48.	12.	0.2	126.		1
31K01 83KAR1099	18 417410 5107000	Sand and/or Gravel	0.2	3.	0.3	29.	68.	64.	4.9	215.	920.	4.	69.	23.	0.4	134.		1
31K01 83KAR1100	18 415700 5104175	Sand and/or Gravel	0.05	1.	0.2	20.	80.	100.	5.2	90.	950.	3.	89.	21.	3.3	115.		1
31K01 83KAR1101	18 414660 5105875	Marine Silt/Clay	0.05	1.	0.2	16.	114.	77.	5.2	20.	580.	2.	61.	11.	0.8	135.		1
31K01 83KAR1102	18 413360 5108140	Sand and/or Gravel	0.05	1.	0.4	29.	86.	209.	6.7	85.	1100.	4.	98.	20.	3.6	200.		1
31K01 83KAR1103	18 412090 5108760	Sand and/or Gravel	1.0	4.	0.7	104.	108.	194.	14.5		3700.	4.	97.	75.	7.1	855.		1
31K01 83KAR1104	18 410390 5106690	Till	0.05	1.	0.1	17.	86.	174.	5.4	20.	580.	4.	80.	10.	1.3	208.	5.0	1
31K01 83KAR1105	18 412450 5115525	Sand and/or Gravel	0.2	3.	0.4	24.	100.	40.	6.2	305.	480.	4.	50.	34.	4.0	80.		1
31K01 83KAR1106	18 414925 5119720	Till	0.05	1.	0.1	22.	100.	107.	6.0	85.	880.	3.	78.	13.	2.6	164.		1
31K01 83KAR1107	18 415900 5116580	Till	0.05	1.	0.1	18.	108.	62.	6.3	10.	760.	2.	72.	11.	0.6	187.	4.0	1
31K01 83KAR1108	18 417860 5112425	Sand and/or Gravel	0.05	1.	0.1	30.	136.	92.	7.0	70.	1320.	6.	102.	44.	1.5	216.		1
31K01 83KAR1109	18 414310 5101725	Marine Silt/Clay	0.05	1.	0.1	20.	118.	88.	5.4	20.	820.	2.	55.	12.	0.7	147.		1
31K01 83KAR1110	18 411860 5100975	Sand and/or Gravel	0.8	3.	0.6	42.	158.	184.	20.8		960.	12.	92.	52.		304.		1
31K01 83KAR1111	18 411700 5098225	Marine Silt/Clay	0.05	1.	0.1	19.	124.	107.	5.6	30.		4.	61.	17.	3.2	139.		1
31K01 83KAR1112	18 412740 5095900	Sand and/or Gravel	0.2	3.	0.1	46.	100.	76.	6.6		1960.	4.	86.	44.	5.0	164.		1
31K01 83KAR1113	18 420775 5095800	Till	0.05	2.	0.4	58.	108.	158.	8.0		1840.	8.	182.	46.	0.6	284.		1
31K01 83KAR1114	18 421625 5098550	Sand and/or Gravel	0.05	1.	0.1	27.	110.	42.	4.4	115.	760.	4.	52.	19.	1.5	100.		1

NTS Sample	UTH	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31K01 83KAR115	18 419675 5104250	Marine Silt/Clay	0.05	1.	0.1	17.	183.	58.	5.5	25.	800.	3.	56.	8.	0.4	121.	1
31K01 83KAR116	18 419650 5103700	Till	0.05	1.	0.1	20.	75.	93.	4.5	95.	880.	3.	70.	12.	1.2	124.	1
31K01 83KAR117	18 419360 5101490	Till	0.05	1.	0.1	14.	86.	59.	4.1	20.	700.	2.	49.	11.	0.7	129.	1
31K01 83KAR118	18 422450 5098950	Marine Silt/Clay	0.05	1.	0.1	19.	144.	43.	5.4	5.	760.	2.	63.	8.	1.0	153.	1
31J04 83KAR119	18 425550 5103490	Till	0.05	1.	0.1	16.	120.	50.	4.4	55.	600.	2.	57.	10.	1.1	80.	1
31J04 83KAR120	18 427000 5100610	Marine Silt/Clay	0.05	2.	0.1	16.	128.	58.	5.5	15.	680.	3.	55.	9.	0.5	96.	1
31J04 83KAR121	18 427440 5098250	Marine Silt/Clay	0.05	1.	0.1	23.	172.	62.	5.8	15.	680.	3.	80.	8.	0.6	116.	1
31J04 83KAR122	18 426610 5098375	Marine Silt/Clay	0.05	1.	0.1	17.	148.	54.	6.5	90.	600.	2.	70.	9.	0.8	104.	1
31J04 83KAR123	18 426625 5095800	Marine Silt/Clay	0.05	1.	0.1	15.	105.	46.	4.7	15.	700.	4.	60.	6.	0.7	95.	1
31J04 83KAR124	18 427525 5102000	Marine Silt/Clay	0.05	2.	0.1	19.	130.	44.	5.4	5.	740.	3.	69.	9.	0.7	125.	1
31J04 83KAR125	18 431150 5103000	Marine Silt/Clay	0.05	1.	0.1	19.	108.	41.	4.3	15.	750.	2.	81.	5.	0.4	86.	1
31J04 83KAR126	18 432090 5103675	Till	0.05	1.	0.1	17.	80.	41.	4.8	2.	680.	2.	46.	10.	0.7	114.	1
31J04 83KAR127	18 440410 5103250	Till	0.05	1.	0.1	16.	70.	62.	4.0	40.	650.	3.	54.	14.	2.2	86.	1
31J04 83KAR128	18 434875 5103850	Till	0.05	1.	0.1	16.	73.	70.	5.4	5.	670.	2.	82.	10.	0.5	111.	1
31J04 83KAR129	18 431910 5105380	Till	0.05	1.	0.1	19.	70.	73.	5.3	95.	920.	3.	48.	17.	2.5	97.	1
31J04 83KAR130	18 430850 5108275	Sand and/or Gravel	0.05	2.	0.1	38.	102.	71.	8.0	95.	1050.	4.	83.	26.	3.3	140.	1
31J04 83KAR131	18 429275 5107790	Till	0.05	1.	0.1	25.	124.	40.	6.6	55.	1300.	3.	69.	30.	0.8	260.	1
31J04 83KAR132	18 424725 5105825	Till	0.05	1.	0.1	19.	128.	59.	5.8	50.	740.	3.	83.	13.	0.8	110.	1
31J04 83KAR133	18 426060 5107350	Till	0.05	3.	0.1	64.	140.	110.	8.6	220.	1800.	4.	124.	44.	1.0	286.	1
31K01 83KAR134	18 422425 5121850	Sand and/or Gravel	0.05	4.	0.1	30.	180.	70.	6.6	1720.	4.	62.	60.	4.0	92.	1	
31K01 83KAR135	18 421150 5119610	Till	0.05	2.	0.1	26.	116.	42.	6.4	90.	1200.	4.	62.	26.	2.9	114.	1
31K01 83KAR136	18 419890 5119325	Marine Silt/Clay	0.1	1.	0.1	18.	132.	58.	5.0	20.	580.	3.	58.	7.	0.4	101.	1
31K01 83KAR137	18 419750 5118175	Marine Silt/Clay	0.05	1.	0.1	15.	108.	89.	5.4	75.	780.	3.	52.	11.	1.2	115.	1
31K01 83KAR138	18 419425 5116100	Till	0.2	3.	0.2	42.	96.	78.	7.8	20.	1100.	6.	76.	32.	2.8	120.	1
31K01 83KAR139	18 420600 5115575	Till	0.1	1.	0.1	24.	88.	80.	5.0	25.	560.	4.	59.	14.	0.7	185.	1
31J04 83KAR140	18 424590 5118100	Marine Silt/Clay	0.05	1.	0.1	18.	124.	69.	5.8	35.	820.	4.	56.	7.	1.7	87.	1
31J04 83KAR141	18 425650 5120275	Marine Silt/Clay	0.1	1.	0.1	15.	103.	60.	4.6	15.	590.	3.	50.	4.	1.4	97.	1
31J04 83KAR142	18 425700 5111975	Till	0.1	1.	0.1	18.	93.	65.	5.3	2.	610.	3.	52.	7.	0.4	118.	1
31J04 83KAR143	18 427250 5109750	Marine Silt/Clay	0.05	1.	0.1	16.	110.	56.	4.8	10.	580.	2.	51.	4.	0.7	117.	3.0
31J04 83KAR144	18 426350 5114690	Marine Silt/Clay	0.05	1.	0.1	14.	148.	38.	4.8	70.	450.	4.	61.	9.	6.5	106.	1
31J04 83KAR145	18 428510 5116480	Marine Silt/Clay	0.05	1.	0.1	19.	83.	50.	5.2	115.	1100.	2.	44.	15.	1.0	88.	1
31J04 83KAR146	18 431160 5114900	Till	0.05	1.	0.1	28.	98.	74.	5.6	115.	1000.	6.	56.	22.	2.1	86.	1
31J04 83KAR147	18 432425 5115950	Till	0.05	1.	0.1	20.	74.	124.	5.8	10.	860.	2.	84.	11.	0.8	127.	1
31J04 83KAR148	18 434700 5113950	Till	0.2	1.	0.1	20.	92.	117.	6.0	75.	800.	4.	59.	10.	1.2	131.	1
31J04 83KAR149	18 438860 5111890	Till	0.05	1.	0.1	31.	121.	87.	6.6	230.	800.	2.	44.	22.	2.0	94.	1
31J04 83KAR150A	18 424840 5121950	Till	0.2	1.	0.1	24.	106.	92.	5.8	80.	970.	3.	57.	18.	2.0	135.	4.0
31J04 83KAR151	18 426740 5121275	Marine Silt/Clay	0.1	1.	0.1	18.	136.	74.	5.8	30.	780.	3.	67.	7.	1.2	109.	1
31J04 83KAR152	18 429225 5119000	Sand and/or Gravel	0.2	1.	0.1	34.	72.	80.	4.4	75.	1080.	4.	48.	20.	3.8	60.	1
31J04 83KAR153	18 430400 5118550	Till	0.1	2.	0.1	19.	82.	70.	4.6	150.	850.	2.	44.	13.	4.1	86.	1
31J04 83KAR154	18 432180 5119400	Marine Silt/Clay	0.05	1.	0.1	18.	121.	58.	4.1	30.	700.	3.	58.	5.	0.5	109.	1
31J04 83KAR155	18 432260 5119450	Till	0.05	1.	0.1	15.	106.	51.	3.7	40.	580.	2.	45.	10.	1.5	93.	1
31J04 83KAR156	18 427350 5120725	Till	0.1	1.	0.1	19.	106.	48.	3.7	85.	580.	3.	54.	13.	0.2	90.	1
31J05 83KAR157	18 432700 5123100	Marine Silt/Clay	0.2	2.	0.1	21.	130.	84.	4.4	35.	820.	4.	123.	6.	4.3	168.	1
31J05 83KAR158	18 431300 5120650	Till	0.4	2.	0.4	72.	80.	236.	6.4	1560.	4.	98.	24.	1.2	120.	1	
31J05 83KAR159	18 435300 5124975	Till	0.05	2.	0.1	34.	160.	104.	5.6	195.	740.	6.	118.	18.	1.2	130.	1
31J05 83KAR160	18 433300 5126700	Till	0.2	1.	0.2	17.	78.	71.	5.0	50.	780.	3.	45.	10.	0.5	135.	1
31J05 83KAR161	18 430200 5129360	Till	0.05	1.	0.1	16.	100.	83.	5.5	20.	640.	3.	55.	9.	1.2	127.	1
31J05 83KAR162	18 429900 5126100	Till	0.05	1.	0.1	20.	112.	52.	4.9	70.	1000.	2.	64.	16.	0.8	149.	1
31J05 83KAR163	18 428950 5124350	Marine Silt/Clay	0.05	1.	0.1	15.	97.	54.	4.6	25.	680.	2.	48.	7.	0.2	110.	1
31J05 83KAR164	18 435100 5126450	Marine Silt/Clay	0.05	1.	0.1	17.	108.	55.	4.8	15.	750.	2.	57.	6.	1.2	125.	1
31J05 83KAR165	18 436200 5125400	Till	0.05	1.	0.1	16.	84.	70.	5.0	20.	600.	4.	46.	2.	0.8	128.	1
31J05 83KAR166	18 438200 5125175	Till	0.05	2.	0.1	21.	78.	102.	5.6	165.	1350.	2.	56.	23.	2.1	106.	1
31J05 83KAR167	18 436450 5126900	Marine Silt/Clay	0.05	1.	0.1	14.	90.	40.	3.9	2.	720.	2.	44.	5.	0.05	110.	1
31J05 83KAR168	18 433000 5128260	Till	0.2	1.	0.2	17.	95.	80.	5.6	40.	720.	3.	52.	13.	0.2	120.	1
31J05 83KAR169	18 429960 5134620	Till	0.05	1.	0.1	20.	64.	96.	4.2	45.	500.	2.	47.	16.	1.0	101.	1
31J05 83KAR170	18 426850 5137100	Marine Silt/Clay	0.05	1.	0.1	14.	100.	60.	4.2	5.	580.	3.	55.	5.	0.6	100.	1
31J05 83KAR171	18 427050 5135880	Till	0.05	2.	0.1	23.	90.	89.	4.9	120.	720.	2.	59.	26.	3.4	104.	1
31J05 83KAR172	18 427500 5132100	Till	0.05	2.	0.1	28.	100.	78.	5.2	185.	740.	4.	64.	26.	1.8	90.	1

NTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31J05 83KAR1173	18 431540 513250	Fill	0.05	1.	0.1	18.	103.	79.	5.0	620.	2.	49.	13.	1.0	83.		
31J05 83KAR1174	18 434500 513250	Fill	0.05	1.	0.1	18.	88.	86.	4.4	740.	4.	48.	22.	0.2	106.		
31J05 83KAR1175	18 437400 512970	Marine Silt/Clay	0.05	1.	0.1	18.	109.	39.	5.0	680.	2.	50.	7.	0.4	124.		
31J05 83KAR1176	18 436900 512950	Fill	0.6	3.	0.6	28.	76.	40.	5.2	460.	4.	44.	30.		44.		
31J05 83KAR1177	18 434250 513210	Fill	0.2	2.	0.1	24.	78.	88.	4.4	75.	4.	62.	18.	1.8	100.		
31J05 83KAR1178	18 433830 513020	Sand and/or Gravel	0.4	2.	0.4	28.	98.	54.	4.6	155.	4.	54.	20.	1.0	74.		
31J05 83KAR1179	18 433850 512895	Sand and/or Gravel	0.2	2.	0.1	22.	100.	80.	5.2	840.	4.	56.	18.	0.8	104.		
31J05 83KAR1180	18 434900 5130150	Fill	0.2	2.	0.4	28.	88.	48.	7.4	165.	8.	54.	24.	0.8	104.		
31J05 83KAR1181	18 435650 5129150	Marine Silt/Clay	0.05	1.	0.1	17.	92.	58.	4.9	25.	300.	3.	49.	7.	0.2	126.	
31J05 83KAR1182	18 433380 513790	Fill	0.05	1.	0.1	18.	88.	70.	4.0	80.	800.	4.	48.	28.	1.5	90.	
31J05 83KAR1183	18 426200 5130200	Fill	1.0	2.	0.4	46.	110.	62.	5.6	640.	4.	110.	38.	2.6	86.		
31J05 83KAR1184	18 431075 5138350	Sand and/or Gravel	0.4	3.	0.4	70.	94.	238.	6.8	25.	800.	4.	94.	28.	2.0	140.	
31J05 83KAR1185	18 43225 5139075	Fill	0.05	1.	0.1	38.	84.	86.	5.0	60.	960.	4.	58.	30.	2.4	114.	
31J05 83KAR1186	18 439240 5140850	Fill	0.05	2.	0.1	18.	60.	108.	4.2	115.	700.	4.	60.	34.	2.5	108.	
31J05 83KAR1187	18 441700 5142940	Fill	0.2	3.	0.1	18.	84.	54.	7.0	230.	440.	4.	38.	26.	2.7	80.	
31J05 83KAR1188	18 441970 5145325	Fill	0.2	1.	0.4	36.	82.	48.	4.8	215.	720.	6.	50.	26.	2.0	88.	
31J05 83KAR1189	18 443510 5142000	Fill	0.2	1.	0.1	22.	80.	56.	5.6	235.	520.	4.	48.	34.	2.7	86.	
31J05 83KAR1190	18 443400 5141300	Sand and/or Gravel	0.4	2.	0.1	132.	88.	290.	8.8	1140.	6.	122.	40.		162.		
31J05 83KAR1191	18 440950 5137890	Fill	0.05	2.	0.1	22.	90.	66.	5.6	105.	880.	6.	48.	26.	1.8	110.	
31J05 83KAR1192	18 435075 5145725	Sand and/or Gravel	0.2	2.	0.4	26.	148.	46.	8.8	840.	560.	8.	80.	16.	7.4	174.	
31J05 83KAR1193	18 431700 5147450	Fill	0.05	2.	0.1	32.	108.	108.	5.8	285.	700.	6.	82.	30.	4.3	86.	
31J05 83KAR1194	18 430450 5146525	Marine Silt/Clay	0.05	2.	0.1	16.	108.	69.	4.2	15.	680.	3.	59.	6.	0.05	110.	
31J05 83KAR1195	18 430380 5147750	Fill	0.05	2.	0.1	38.	92.	82.	6.8	85.	720.	4.	80.	24.	1.0	110.	
31J05 83KAR1196	18 427825 5147375	Fill	0.05	2.	0.4	26.	96.	90.	5.4	780.	6.	80.	36.	2.5	88.		
31J05 83KAR1197	18 430475 5145250	Fill	0.05	1.	0.1	11.	74.	50.	4.0	25.	560.	3.	39.	14.	0.3	105.	
31J05 83KAR1198	18 428075 5143550	Fill	0.05	4.	0.4	26.	100.	78.	6.8	110.	1020.	8.	72.	64.	1.2	118.	
31J05 83KAR1199	18 427225 5142210	Fill	0.1	1.	0.1	13.	90.	119.	4.7	40.	580.	3.	54.	15.	1.6	109.	
31J05 83KAR1200	18 430200 5140775	Fill	0.2	1.	0.1	15.	85.	87.	4.9	5.	460.	1.	51.	9.	0.05	145.	2.0
31J05 83KAR1201	18 436675 5146800	Fill	0.2	1.	0.4	9.	80.	42.	5.2	185.	560.	3.	36.	26.	1.4	74.	
31J12 83KAR1202	18 436675 5151875	Fill	0.2	2.	0.1	26.	80.	60.	5.4	115.	740.	3.	50.	22.	2.9	86.	
31J12 83KAR1203	18 436875 5156875	Fill	0.05	1.	0.1	18.	60.	56.	4.0	60.	600.	3.	50.	12.	0.9	64.	
31J12 83KAR1204	18 439275 5152700	Sand and/or Gravel	0.2	1.	0.4	24.	76.	22.	5.5	340.	3.	20.	18.	3.3	26.		
31J12 83KAR1205	18 441125 5155150	Fill	0.2	2.	0.1	8.	64.	18.	6.4	415.	112.	5.	12.	20.	3.5	28.	
31J12 83KAR1206	18 441350 5155150	Fill	0.05	2.	0.1	34.	70.	92.	5.2	40.	440.	3.	60.	20.	4.3	152.	
31J12 83KAR1207	18 442530 5157450	Fill	0.05	2.	0.1	44.	60.	42.	5.4	110.	840.	3.	50.	26.	2.8	74.	
31J12 83KAR1208	18 442700 5160975	Fill	0.05	1.	0.1	22.	76.	74.	4.4	115.	560.	3.	48.	10.	1.2	84.	
31J12 83KAR1209	18 437800 5159525	Fill	0.2	2.	0.1	22.	84.	106.	4.6	145.	820.	3.	48.	10.	2.7	94.	5.5
31J12 83KAR1210	18 434150 5161850	Fill	0.05	1.	0.1	19.	110.	83.	5.9	40.	840.	3.	57.	9.	1.0	124.	
31J12 83KAR1211	18 431900 5160450	Sand and/or Gravel	0.05	1.	0.1	34.	90.	134.	6.6	95.	1000.	3.	66.	26.	2.5	118.	
31J12 83KAR1212	18 430025 5162900	Fill	0.6	1.	0.1	56.	68.	109.	6.2	890.	7.	60.	68.		68.		
31J12 83KAR1213	18 430850 5157900	Sand and/or Gravel	0.05	1.	0.1	21.	102.	67.	5.4	45.	990.	2.	51.	11.	1.1	96.	
31J12 83KAR1214	18 431500 5157750	Fill	0.2	1.	0.1	28.	100.	62.	4.4	95.	760.	3.	64.	14.	1.2	76.	
31J12 83KAR1215	18 431100 5153050	Sand and/or Gravel	0.2	2.	0.4	22.	88.	60.	4.0	145.	1040.	3.	60.	14.	12.1	70.	
31J12 83KAR1216	18 431240 5152625	Fill	0.2	3.	0.4	28.	134.	66.	6.2	115.	600.	2.	97.	43.	2.9	93.	
31J12 83KAR1217	18 430925 5151350	Marine Silt/Clay	0.05	1.	0.1	16.	102.	49.	4.6	15.	670.	1.	50.	3.	0.8	99.	
31J12 83KAR1218	18 430090 5156975	Marine Silt/Clay	0.05	1.	0.1	26.	180.	164.	8.8	35.	1300.	3.	108.	12.	0.8	180.	
31J12 83KAR1219	18 429250 5161100	Sand and/or Gravel	0.1	2.	0.1	11.	48.	72.	3.4	115.	500.	1.	32.	13.	7.1	60.	
31J12 83KAR1220	18 425750 5160180	Marine Silt/Clay	0.05	1.	0.1	19.	118.	70.	5.5	25.	800.	1.	67.	5.	0.2	117.	
31J12 83KAR1221	18 430310 5164350	Sand and/or Gravel	0.05	2.	0.1	40.	104.	174.	6.2	220.	700.	7.	90.	44.	5.2	78.	20.0
31J12 83KAR1222	18 430430 5163640	Marine Silt/Clay	0.05	1.	0.1	20.	80.	78.	5.6	880.	3.	38.	22.		78.		
31J12 83KAR1223	18 431920 5163000	Fill	0.05	1.	0.1	28.	74.	148.	5.0	155.	600.	3.	80.	10.	6.8	104.	
31J12 83KAR1224	18 432650 5163650	Fill	0.05	1.	0.1	38.	120.	162.	6.2	115.	600.	3.	118.	10.	1.2	108.	
31J12 83KAR1225	18 433700 5164490	Fill	0.05	1.	0.4	30.	216.	176.	11.2	5.	1320.	3.	116.	12.	0.05	280.	30.0
31J12 83KAR1226	18 433960 5166900	Fill	0.1	1.	0.1	21.	104.	114.	5.9	185.	470.	2.	73.	10.	1.7	87.	
31J12 83KAR1227	18 435950 5174160	Fill	0.2	2.	0.1	34.	94.	66.	7.2	155.	840.	1.	72.	26.	1.7	128.	
31J13 83KAR1228	18 434050 5182850	Sand and/or Gravel	0.3	1.	0.1	50.	250.	110.	5.8	1650.	4.	80.	45.		95.		
31J13 83KAR1229	18 432900 5179400	Sand and/or Gravel	0.3	1.	0.1	20.	100.	88.	4.6	165.	600.	3.	57.	21.	2.0	105.	
31J13 83KAR1230	18 429310 5177900	Sand and/or Gravel	0.6	7.	0.4	8.	64.	16.	6.8	240.	1200.	3.	12.	52.	0.3	124.	

NTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31J05 83KAR1231	18 425640 513950	Marine Silt/Clay	0.1	2.	0.1	14.	112.	90.	5.4	40.	960.	3.	51.	11.	2.7	128.	
31J05 83KAR1232	18 428210 514140	Marine Silt/Clay	0.1	2.	0.1	19.	120.	78.	5.8	10.	900.	1.	54.	10.	0.2	150.	
31J05 83KAR1233	18 428900 514325	Till	0.2	2.	0.1	42.	84.	104.	6.8	55.	720.	3.	68.	60.	5.0	88.	
31J05 83KAR1234	18 426400 514450	Marine Silt/Clay	0.2	1.	0.1	17.	104.	98.	5.3	55.	670.	2.	56.	12.	5.0	120.	
31J05 83KAR1235	18 426150 514520	Till	0.8	4.	0.1	44.	108.	132.	8.4	88.	960.	7.	90.	64.	37.0	106.	
31J12 83KAR1236	18 424800 515250	Till	0.05	1.	0.1	24.	90.	88.	5.7	55.	880.	2.	48.	27.	1.9	115.	
31J12 83KAR1237	18 423640 515275	Till	0.1	1.	0.1	13.	73.	63.	4.8	5.	580.	1.	38.	20.	0.2	140.	3.5
31K09 83KAR1238	18 421525 5154825	Marine Silt/Clay	0.1	2.	0.1	15.	105.	74.	6.2	15.	710.	2.	55.	7.	0.4	132.	
31K09 83KAR1239	18 421530 5155400	Marine Silt/Clay	0.1	2.	0.1	15.	105.	74.	6.2	15.	710.	2.	55.	7.	0.4	132.	
31K09 83KAR1240	18 421870 5159150	Till	0.05	1.	0.1	20.	86.	108.	6.4	20.	760.	1.	57.	16.	1.0	160.	
31K09 83KAR1241	18 418100 5162100	Sand and/or Gravel	0.2	1.	0.1	36.	112.	114.	6.4	2400.	2400.	3.	56.	30.	4.3	98.	
31K09 83KAR1242	18 417325 5163150	Sand and/or Gravel	0.4	1.	0.1	52.	108.	240.	7.6	255.	880.	5.	106.	46.	4.3	170.	
31K09 83KAR1243	18 414640 5165900	Till	0.8	2.	0.1	56.	120.	126.	5.6	820.	820.	5.	88.	22.	104.	104.	
31K09 83KAR1245	18 412925 5165900	Till	0.2	1.	0.1	40.	120.	224.	7.4	195.	900.	7.	84.	24.	18.8	116.	
31K09 83KAR1246	18 416650 5163430	Till	0.4	1.	0.1	66.	122.	256.	7.6	155.	1120.	5.	168.	84.	3.5	120.	
31K09 83KAR1247	18 418900 5155250	Till	0.2	1.	0.1	28.	82.	168.	5.8	195.	660.	5.	74.	24.	9.3	128.	
31K09 83KAR1248	18 420170 516025	Till	0.05	1.	0.1	18.	112.	210.	7.1	35.	720.	1.	64.	11.	2.2	230.	
31K09 83KAR1249	18 420850 5165450	Till	0.2	1.	0.1	26.	120.	88.	6.4	250.	660.	4.	62.	24.	1.2	112.	
31K09 83KAR1250	18 421690 5171040	Till	1.0	3.	0.4	36.	152.	152.	11.2	15.	660.	5.	128.	28.	2.2	144.	
31J12 83KAR1252	18 424800 5173550	Till	0.3	2.	0.1	27.	156.	280.	7.3	115.	970.	1.	123.	17.	5.7	195.	
31K09 83KAR1253	18 417200 5175950	Till	0.2	2.	0.1	22.	102.	196.	6.6	85.	780.	2.	64.	10.	0.8	210.	
31K09 83KAR1254	18 416750 5177025	Till	0.4	1.	0.1	36.	80.	276.	7.8	85.	1120.	7.	76.	14.	6.4	400.	
31K16 83KAR1255	18 417700 5160000	Till	0.4	2.	0.1	72.	92.	120.	6.8	215.	250.	5.	76.	28.	2.2	146.	
31K16 83KAR1256	18 419800 5181650	Till	0.2	3.	0.1	56.	108.	240.	7.0	1360.	1360.	3.	76.	22.	100.	100.	
31J13 83KAR1257	18 424400 5183050	Till	0.2	3.	0.1	26.	124.	116.	7.2	740.	740.	3.	56.	24.	2.2	88.	
31K16 83KAR1259	18 415725 5178140	Till	0.5	2.	0.1	29.	117.	198.	5.8	75.	810.	3.	107.	15.	2.1	120.	
31K16 83KAR1260	18 414850 5179380	Till	0.5	1.	0.1	23.	115.	275.	6.4	115.	710.	2.	104.	9.	1.1	184.	
31K16 83KAR1261	18 411480 5182550	Till	0.5	1.	0.1	28.	117.	285.	5.5	125.	700.	2.	118.	8.	0.5	164.	
31K16 83KAR1262	18 408650 5183325	Till	0.05	2.	0.1	38.	120.	210.	5.4	1020.	1020.	4.	112.	6.	126.	126.	9.0
31K16 83KAR1264	18 412480 5194440	Till	0.2	2.	0.4	46.	148.	136.	6.8	445.	1020.	6.	78.	22.	3.3	96.	2.5
31K16 83KAR1265	18 412800 5199260	Sand and/or Gravel	0.05	2.	0.1	21.	144.	137.	4.4	150.	550.	3.	82.	9.	1.0	88.	
31N01 83KAR1267	18 412400 5206580	Sand and/or Gravel	0.2	3.	0.4	36.	182.	150.	8.8	960.	960.	8.	72.	28.	4.9	110.	
31N01 83KAR1268	18 416070 5210590	Till	0.2	2.	0.1	18.	112.	106.	3.7	150.	420.	3.	79.	7.	1.2	72.	
31N01 83KAR1269	18 415860 5209450	Sand and/or Gravel	0.05	4.	0.1	36.	182.	182.	5.4	980.	980.	4.	82.	30.	5.4	106.	
31K16 83KAR1270	18 413320 5201950	Sand and/or Gravel	0.1	2.	0.2	18.	122.	110.	4.6	180.	520.	2.	63.	11.	1.4	89.	
31K16 83KAR1271	18 413360 5197080	Sand and/or Gravel	0.05	2.	0.1	22.	96.	136.	10.6	85.	620.	6.	48.	10.	3.1	90.	
31K08 83KAR1272	18 419500 5124950	Lacustrine Silt/Clay	0.05	2.	0.1	16.	122.	68.	5.1	30.	530.	1.	59.	5.	0.05	123.	
31K08 83KAR1273	18 419660 5123840	Till	0.2	4.	0.4	28.	104.	62.	7.2	210.	760.	4.	84.	28.	5.6	122.	
31K08 83KAR1274	18 411500 5123850	Till	0.05	2.	0.1	26.	120.	64.	5.0	305.	420.	4.	80.	24.	4.9	76.	
31K08 83KAR1275	18 415280 5124200	Till	0.2	1.	0.1	17.	96.	118.	6.0	10.	690.	3.	70.	10.	0.2	190.	
31K08 83KAR1276	18 421150 5129600	Sand and/or Gravel	0.05	2.	0.4	26.	96.	90.	5.8	5.8	1140.	4.	86.	26.	6.1	148.	
31K08 83KAR1277	18 412420 5136880	Till	0.05	1.	0.1	11.	56.	62.	3.8	15.	540.	2.	32.	6.	0.5	112.	15.0
31K08 83KAR1278	18 414640 5137620	Till	0.05	1.	0.1	48.	80.	84.	5.8	120.	1600.	4.	72.	22.	2.4	122.	
31K08 83KAR1279	18 422600 5137800	Till	0.05	1.	0.4	30.	136.	62.	5.8	150.	800.	4.	98.	48.	1.9	270.	
31K08 83KAR1280	18 421600 5140900	Till	0.2	2.	0.4	30.	110.	80.	5.6	95.	1000.	4.	90.	24.	2.7	124.	
31K08 83KAR1281	18 412450 5145800	Sand and/or Gravel	0.05	1.	0.2	22.	166.	122.	5.1	70.	800.	2.	90.	18.	1.4	132.	
31K08 83KAR1282	18 416480 5145550	Sand and/or Gravel	0.2	1.	0.1	32.	138.	108.	4.4	165.	1000.	4.	94.	18.	2.7	116.	
31K08 83KAR1283	18 421280 5144680	Till	0.4	2.	0.4	34.	142.	76.	7.6	130.	1200.	4.	100.	42.	3.7	146.	
31K09 83KAR1284	18 421450 5151450	Till	0.05	2.	0.1	18.	104.	62.	8.2	245.	570.	10.	70.	22.	7.8	104.	
31K16 83KAR1285	18 418880 5199870	Till	0.05	1.	0.1	26.	120.	262.	6.8	75.	840.	4.	92.	8.	2.9	146.	12.0
31N01 83KAR1286	18 419250 5206080	Sand and/or Gravel	0.2	4.	0.4	68.	124.	148.	6.4	1560.	1560.	5.	72.	18.	70.	70.	
31N01 83KAR1287	18 421150 5208050	Till	0.05	1.	0.1	20.	110.	332.	6.6	40.	920.	1.	88.	5.	2.4	150.	
31N01 83KAR1288	18 422750 5209400	Till	0.05	1.	0.1	22.	88.	196.	6.2	155.	820.	3.	70.	4.	0.5	174.	
31N01 83KAR1289	18 423390 5211470	Till	0.05	1.	0.1	34.	102.	240.	6.0	120.	840.	3.	74.	6.	2.2	122.	
31004 83KAR1290	18 425400 5215525	Till	0.05	1.	0.4	80.	90.	120.	4.6	85.	700.	3.	80.	6.	1.8	112.	
31004 83KAR1291	18 425800 5217025	Till	0.05	1.	0.1	18.	116.	149.	7.0	25.	700.	2.	83.	5.	1.4	170.	
31004 83KAR1292	18 429850 5218350	Till	0.4	3.	0.4	32.	96.	74.	5.4	15.	640.	3.	52.	12.	1.6	56.	
31004 83KAR1293	18 429510 5219510	Till	0.05	1.	0.1	24.	120.	296.	5.2	85.	720.	3.	110.	4.	0.5	146.	2.0

NTS Sample	UTH	Sediment Type	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31K16 83KAR1294	18 431050 5221350	Fill	1.0	0.1	28.	132.	140.	6.0	285.	560.	5.	88.	12.	1.6	90.	
31004 83KAR1295	18 432900 5222350	Fill	1.0	0.1	34.	130.	188.	5.4	145.	740.	3.	94.	6.	1.9	104.	
31004 83KAR1296	18 426390 5218490	Fill	1.0	0.4	16.	60.	158.	3.2	55.	540.	1.	48.	2.	0.8	106.	0.75
31004 83KAR1297B	18 426080 5220750	Fill	1.0	0.1	28.	118.	308.	6.4	80.	860.	5.	82.	8.	6.1	158.	2.5
31004 83KAR1298	18 425050 5222380	Fill	1.0	0.4	24.	88.	150.	6.4	165.	640.	5.	66.	12.	4.4	94.	
31004 83KAR1299	18 425400 5223880	Fill	1.0	0.4	36.	104.	120.	6.6	1120.	1120.	3.	96.	20.	4.4	94.	
31004 83KAR1300	18 426300 5227150	Fill	1.0	0.1	30.	80.	68.	7.0	135.	920.	3.	42.	10.	2.6	84.	
31004 83KAR1301	18 426450 5229220	Fill	1.0	0.1	18.	104.	353.	6.5	30.	620.	2.	55.	6.	3.9	137.	
31N08 83KAR1302	18 416670 5238240	Fill	1.0	0.1	16.	60.	66.	4.0	15.	340.	3.	32.	6.	3.1	36.	
31N08 83KAR1303	18 415120 5236740	Fill	1.0	0.1	20.	60.	66.	4.0	380.	380.	3.	36.	4.	3.3	36.	2.0
31N08 83KAR1304	18 420825 5235000	Fill	1.0	0.1	34.	96.	176.	10.6	235.	440.	9.	58.	10.	5.7	80.	
31N08 83KAR1305	18 421325 5233825	Fill	1.0	0.1	22.	92.	367.	8.0	80.	940.	5.	140.	8.	50.0	257.	
31N01 83KAR1306	18 413220 5228700	Fill	1.0	0.1	34.	70.	80.	5.0	110.	440.	3.	76.	6.	1.4	84.	2.5
31N01 83KAR1307	18 414850 5228950	Fill	2.0	0.6	28.	84.	80.	7.0	405.	480.	5.	74.	16.	1.6	76.	
31N01 83KAR1308	18 415525 5228750	Fill	1.0	0.4	42.	72.	220.	8.0	65.	880.	4.	130.	14.	2.1	156.	
31N01 83KAR1309	18 417950 5226700	Sand and/or Gravel	2.0	0.4	90.	74.	144.	7.2	1040.	1040.	6.	118.	12.	2.0	138.	
31K16 83KAR1310	18 418425 5194800	Sand and/or Gravel	2.0	0.4	30.	128.	76.	11.2	225.	3200.	7.	58.	12.	4.9	86.	
31K16 83KAR1311	18 423940 5195450	Fill	1.0	0.1	26.	100.	140.	11.5	680.	680.	5.	80.	6.	1.0	100.	
31J13 83KAR1312	18 426800 5195250	Fill	2.0	0.1	24.	104.	162.	6.2	140.	460.	5.	118.	10.	2.7	92.	
31J13 83KAR1313	18 428800 5197100	Sand and/or Gravel	2.0	0.1	78.	174.	300.	10.0	2200.	2200.	3.	166.	30.	200.		
31J13 83KAR1314	18 431160 5195500	Fill	2.0	0.1	42.	124.	200.	8.8	200.	900.	3.	78.	18.	0.2	130.	
31J13 83KAR1315	18 432100 5194280	Fill	2.0	0.4	18.	90.	118.	7.6	285.	400.	3.	42.	16.	1.1	100.	
31J13 83KAR1316	18 433640 5194275	Fill	1.0	0.1	28.	84.	184.	7.5	100.	780.	3.	74.	18.	1.0	148.	
31J13 83KAR1317	18 434900 5196250	Sand and/or Gravel	2.0	0.4	32.	82.	47.	6.2	1040.	1040.	3.	26.	14.	1.2	74.	
31J13 83KAR1318	18 435550 5196690	Fill	2.0	0.1	18.	108.	86.	7.2	720.	720.	4.	18.	16.	0.6	56.	
31J13 83KAR1319	18 438825 5193740	Sand and/or Gravel	3.0	0.1	12.	92.	12.	8.6	1200.	1200.	7.	78.	28.	1.6	72.	1.25
31J13 83KAR1320	18 437550 5200210	Sand and/or Gravel	5.0	0.1	88.	108.	292.	10.4	205.	660.	2.	63.	13.	1.0	90.	2.0
31J13 83KAR1321A	18 441640 5203870	Sand and/or Gravel	0.1	0.1	34.	76.	99.	5.6	205.	660.	2.	63.	13.	1.0	90.	2.0
31J13 83KAR1322	18 441150 5202460	Fill	0.4	0.1	36.	58.	200.	6.8	185.	1100.	5.	54.	14.	1.2	172.	
31J13 83KAR1323	18 440310 5201200	Fill	1.0	0.1	24.	80.	164.	7.5	80.	540.	3.	66.	20.	1.4	184.	2.5
31J13 83KAR1325	18 425950 5197680	Sand and/or Gravel	0.2	0.1	38.	172.	360.	9.0	285.	1020.	5.	80.	18.	1.6	88.	
31J13 83KAR1326	18 426700 5198880	Sand and/or Gravel	0.05	0.1	18.	80.	152.	8.0	380.	380.	3.	26.	12.	1.8	92.	
31J13 83KAR1327	18 427650 5199125	Fill	0.05	0.1	24.	80.	148.	7.2	80.	680.	3.	36.	6.	0.6	120.	
31J13 83KAR1328	18 428225 5202050	Sand and/or Gravel	0.05	0.1	42.	92.	204.	7.6	1440.	1440.	3.	42.	20.	1.6	116.	
31J13 83KAR1329	18 430350 5203550	Fill	2.0	0.1	30.	76.	160.	7.2	395.	640.	2.	56.	12.	1.6	120.	
31J13 83KAR1330	18 431150 5204780	Fill	1.0	0.1	20.	68.	205.	6.2	55.	900.	1.	43.	7.	0.6	184.	
31004 83KAR1331	18 430790 5213660	Fill	2.0	0.4	40.	98.	168.	7.6	260.	1080.	2.	66.	22.	1.6	120.	
31004 83KAR1332	18 431500 5211150	Fill	1.0	0.1	18.	90.	108.	6.4	100.	550.	3.	52.	10.	1.0	88.	
31004 83KAR1333B	18 431900 5209340	Fill	1.0	0.1	30.	290.	260.	10.0	990.	990.	2.	117.	5.	0.4	235.	2.0
31605 83KAR1334	18 439075 5027900	Fill	3.0	0.2	8.	50.	42.	1.9	80.	450.	3.	26.	81.	0.05	94.	
31605 83KAR1335	18 425410 5038200	Marine Silt/Clay	0.1	0.1	12.	168.	41.	6.0	55.	710.	0.5	51.	11.	0.8	154.	
31605 83KAR1336	18 429150 5034400	Marine Silt/Clay	0.05	0.4	13.	120.	47.	5.4	20.	475.	1.	33.	7.	0.05	134.	
31605 83KAR1337	18 432950 5030200	Sand and/or Gravel	0.2	0.9	7.	42.	34.	3.5	215.	1780.	3.	16.	17.	0.05	47.	
31605 83KAR1338	18 436800 5029840	Fill	0.2	0.3	8.	50.	65.	3.4	25.	540.	3.	23.	9.	0.05	111.	
31605 83KAR1339	18 432800 5036580	Sand and/or Gravel	0.2	0.4	17.	125.	41.	6.4	100.	880.	3.	39.	16.	15.3	121.	
31605 83KAR1340	18 432500 5036880	Fill	0.1	0.2	10.	55.	97.	5.5	30.	620.	1.	33.	10.	0.05	156.	
31605 83KAR1341	18 435950 5035680	Sand and/or Gravel	0.2	0.1	18.	89.	77.	6.8	120.	1120.	1.	37.	20.	2.3	117.	
31605 83KAR1342	18 434350 5037100	Fill	0.4	0.2	17.	53.	32.	3.7	255.	450.	3.	30.	15.	0.05	107.	
31605 83KAR1343	18 434140 5035570	Fill	0.05	0.2	18.	65.	121.	4.5	60.	710.	1.	41.	13.	9.3	121.	
31F15 84KAR1600	18 380800 5049500	Marine Silt/Clay	0.1	0.1	17.	76.	42.	4.2	25.	890.	1.	40.	7.	0.9	137.	
31F15 84KAR1601	18 379650 5045150	Marine Silt/Clay	0.2	0.1	17.	82.	50.	4.4	40.	780.	1.	41.	8.	1.0	132.	
31F15 84KAR1602	18 377950 5051400	Marine Silt/Clay	0.3	0.1	10.	92.	52.	3.7	145.	440.	1.	37.	8.	2.6	206.	
31F15 84KAR1603	18 379250 5058680	Fill	0.5	0.8	37.	77.	85.	6.6	335.	1200.	4.	52.	30.	6.4	125.	
31F15 84KAR1606	18 377850 5062720	Marine Silt/Clay	0.05	0.1	16.	130.	44.	4.3	20.	950.	1.	65.	8.	0.7	133.	
31F15 84KAR1608	18 377600 5068460	Marine Silt/Clay	0.1	0.1	17.	84.	52.	4.9	15.	775.	2.	47.	5.	0.5	158.	
31F15 84KAR1609A	18 375590 5066740	Fill	0.05	0.1	17.	88.	81.	5.2	15.	900.	2.	54.	10.	0.7	329.	
31F15 84KAR1612	18 366675 5070600	Marine Silt/Clay	0.05	0.1	22.	122.	43.	4.8	15.	875.	2.	57.	8.	1.7	145.	

HTS Sample	UTM	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31F15 84KAR1613	18 369270 5068310	Sand and/or Gravel	0.4	4.	0.4	27.	115.	99.	5.2	150.	2560.	2.	71.	27.	1.0	189.	1
31F15 84KAR1614	18 369300 5067950	Marine Silt/Clay	0.05	1.	0.1	15.	72.	58.	4.3	20.	690.	2.	44.	8.	0.7	136.	1
31F15 84KAR1617	18 366380 5090290	Till	0.05	1.	0.1	14.	82.	64.	5.2	15.	700.	1.	47.	7.	1.2	151.	7.0
31F15 84KAR1617A	18 366380 5090290	Till	0.1	1.	0.1	12.	82.	72.	5.1	20.	700.	1.	50.	8.	1.2	157.	6.0
31F15 84KAR1617B	18 366380 5090290	Till	0.05	1.	0.1	13.	84.	93.	4.4	20.	595.	2.	54.	9.	1.8	148.	4.0
31F15 84KAR1617C	18 366380 5090290	Till	0.05	1.	0.1	15.	90.	117.	5.1	65.	920.	1.	69.	12.	3.9	172.	2.5
31F15 84KAR1617D	18 366380 5090290	Sand and/or Gravel	0.05	1.	0.1	30.	79.	140.	4.3	100.	900.	1.	74.	17.	6.6	130.	1.0
31F15 84KAR1618	18 365580 5090550	Till	0.05	1.	0.1	14.	84.	122.	4.4	20.	570.	1.	60.	8.	2.2	134.	6.0
31F15 84KAR1619	18 365580 5090550	Till	0.1	1.	0.1	15.	74.	158.	3.9	15.	460.	2.	101.	9.	1.5	112.	5.0
31F15 84KAR1619A	18 365580 5090550	Till	0.1	1.	0.1	15.	108.	105.	4.1	30.	500.	2.	81.	8.	2.2	134.	6.0
31F15 84KAR1619B	18 365580 5090550	Till	0.05	1.	0.1	15.	74.	95.	3.6	15.	460.	2.	101.	9.	1.5	112.	5.0
31F15 84KAR1620	18 364775 5081900	Marine Silt/Clay	0.05	1.	0.1	21.	90.	64.	5.1	15.	980.	3.	55.	10.	1.0	151.	1
31F15 84KAR1621	18 366850 5079630	Marine Silt/Clay	0.1	1.	0.1	18.	147.	55.	4.9	10.	815.	1.	61.	7.	0.5	147.	1
31F15 84KAR1622	18 371150 5078050	Marine Silt/Clay	0.05	1.	0.1	14.	108.	57.	4.9	10.	850.	2.	51.	8.	0.5	150.	1
84KAR1625A	18 375250 506580	Sand and/or Gravel	0.05	1.	0.1	15.	87.	60.	4.8	10.	840.	2.	48.	8.	1.2	145.	5.0
31F15 84KAR1626	18 372800 5069900	Sand and/or Gravel	0.3	1.	0.2	16.	110.	97.	4.9	10.	890.	3.	62.	14.	2.0	115.	1
31F15 84KAR1628	18 374620 5075270	Till	0.05	1.	0.1	32.	62.	105.	4.3	116.	1200.	3.	58.	15.	13.6	117.	1
31F15 84KAR1629	18 376300 5076550	Till	0.2	1.	0.1	17.	74.	102.	4.7	60.	710.	2.	56.	25.	5.8	94.	1
31F15 84KAR1630	18 377600 5076650	Till	0.05	1.	0.1	9.	10.	29.	2.8	15.	300.	1.	12.	7.	6.4	79.	1
31F15 84KAR1630A	18 377600 5076650	Till	0.05	1.	0.1	13.	65.	220.	4.8	15.	650.	2.	58.	11.	9.6	167.	0
31F15 84KAR1631	18 377600 5076650	Sand and/or Gravel	0.3	1.	0.3	44.	98.	255.	8.0	2320.	4.	94.	94.	63.	29.0	343.	0
31F15 84KAR1631	18 379150 5075750	Till	0.4	1.	0.5	35.	64.	28.	4.2	10.	545.	5.	20.	29.	40.	40.	0
31F15 84KAR1632	18 374550 5073600	Marine Silt/Clay	0.05	6.	0.1	12.	110.	52.	5.0	10.	790.	2.	50.	8.	0.7	152.	1
31F15 84KAR1633	18 377400 5071000	Till	0.2	1.	0.1	34.	100.	46.	6.9	130.	1200.	4.	81.	55.	0.5	126.	1
31F15 84KAR1636	18 379580 5068000	Marine Silt/Clay	0.05	1.	0.1	17.	86.	66.	5.4	10.	700.	3.	49.	10.	2.0	169.	1
31F15 84KAR1638	18 384150 5072450	Till	0.2	1.	0.1	34.	48.	137.	4.2	1200.	3.	67.	20.	6.9	147.	4.0	1
31F15 84KAR1639	18 382450 5074900	Till	0.05	0.05	0.1	25.	52.	117.	4.0	80.	1050.	3.	58.	34.	3.7	209.	1
31F15 84KAR1640	18 384130 5072450	Till	0.05	2.	0.1	25.	60.	265.	4.4	80.	810.	2.	74.	17.	3.7	209.	1
31F15 84KAR1641	18 382850 5079720	Till	0.2	0.05	0.5	55.	54.	380.	5.0	280.	1250.	3.	74.	74.	2.6	262.	2.0
31F15 84KAR1641A	18 382850 5079720	Till	0.2	2.	0.5	44.	60.	330.	5.6	1200.	3.	76.	66.	3.3	257.	0	
31F15 84KAR1641B	18 382850 5079720	Till	0.3	3.	0.3	44.	50.	300.	6.2	1000.	3.	80.	83.	7.5	269.	6.0	
31F15 84KAR1641C	18 382850 5079720	Till	0.4	3.	0.3	25.	60.	180.	4.8	115.	1100.	2.	75.	49.	2.3	225.	2.0
31F15 84KAR1641D	18 382850 5079720	Till	0.4	3.	0.8	37.	89.	42.	4.0	1905.	5.	32.	196.	16.	64.	64.	0.5
31F15 84KAR1642A	18 382850 5079700	Till	0.05	1.	0.1	23.	50.	205.	4.3	75.	860.	3.	67.	26.	5.8	204.	3.0
31F15 84KAR1642B	18 382850 5079700	Till	0.1	2.	0.1	20.	55.	220.	3.9	860.	860.	3.	78.	33.	6.7	210.	0
31F15 84KAR1646	18 386350 5088750	Till	0.2	1.	0.3	16.	57.	160.	4.9	15.	690.	3.	83.	65.	1.2	391.	5.0
31F16 84KAR1647	18 387750 5080150	Till	0.6	2.	0.4	39.	67.	148.	5.5	1400.	5.	85.	44.	16.1	225.	2.0	
31F16 84KAR1652	18 396850 5089250	Sand and/or Gravel	0.2	3.	0.1	48.	123.	168.	7.7	100.	2160.	3.	110.	31.	3.5	215.	1
31F16 84KAR1654	18 388425 5072040	Till	0.05	1.	0.1	14.	75.	145.	4.9	25.	570.	1.	45.	14.	4.7	144.	1
31F16 84KAR1654A	18 388425 5072040	Till	0.05	1.	0.1	12.	60.	157.	4.2	25.	490.	2.	51.	18.	4.9	253.	0
31F16 84KAR1655	18 409375 5085700	Till	0.05	1.	0.1	17.	64.	230.	4.4	525.	2.	63.	63.	10.	5.3	153.	2.0
31F16 84KAR1655A	18 409375 5085700	Till	0.05	1.	0.1	18.	61.	230.	3.9	490.	490.	3.	61.	10.	5.8	119.	1.0
31F16 84KAR1658	18 402740 5085550	Till	0.05	1.	0.1	23.	78.	97.	4.6	60.	810.	3.	58.	17.	2.8	107.	3.0
31F16 84KAR1657	18 400450 5084440	Till	0.05	1.	0.1	18.	86.	87.	5.2	20.	940.	2.	56.	6.	0.8	197.	6.0
31F16 84KAR1658	18 393550 5084950	Till	0.05	1.	0.1	15.	58.	240.	4.0	55.	650.	2.	52.	11.	14.1	173.	3.0
31F16 84KAR1660	18 392100 5089950	Till	0.05	1.	0.2	33.	76.	160.	6.7	1205.	6.	75.	29.	156.	156.	1	
31F16 84KAR1661	18 385900 5093225	Till	0.05	1.	0.1	22.	108.	200.	6.4	25.	990.	1.	72.	7.	1.2	304.	2.0
31F16 84KAR1663	18 392700 5084475	Till	0.3	1.	0.1	25.	54.	163.	4.1	850.	850.	2.	62.	12.	4.7	172.	1
31F16 84KAR1664	18 391950 5082950	Till	0.2	1.	0.1	19.	54.	176.	4.2	700.	700.	2.	63.	16.	4.4	200.	1
31F16 84KAR1665	18 395940 5085240	Till	0.05	1.	0.1	20.	55.	120.	3.7	60.	660.	2.	60.	10.	3.6	146.	1
31F16 84KAR1666	18 406600 5086450	Till	0.05	1.	0.1	19.	72.	161.	5.6	95.	1000.	2.	71.	14.	5.2	190.	1
31F16 84KAR1667	18 407340 5092500	Till	0.1	2.	0.2	43.	72.	230.	4.6	250.	1010.	1.	101.	16.	3.8	116.	1
31F16 84KAR1668	18 409000 5091800	Till	0.05	3.	0.1	32.	48.	169.	4.5	690.	690.	3.	84.	17.	146.	146.	1
31F16 84KAR1669	18 407425 5089820	Till	0.05	0.4	0.4	26.	43.	62.	3.1	275.	440.	4.	41.	14.	3.4	100.	1
31F16 84KAR1672	18 407160 5079100	Till	0.4	3.	0.3	44.	85.	190.	6.6	1400.	1400.	3.	118.	23.	148.	148.	1
31F16 84KAR1673	18 409280 5071450	Sand and/or Gravel	0.4	1.	0.8	85.	78.	170.	8.6	2240.	4.	118.	46.	162.	4.7	425.	1
31F16 84KAR1674	18 407725 5088450	Till	0.2	1.	0.7	24.	72.	335.	7.5	2320.	4.	114.	58.	4.7	425.	1	
31F15 85KAR1930	18 345380 5082460	Sand and/or Gravel	0.2	6.	0.3	45.	158.	150.	7.1	55.	2350.	3.	92.	64.	2.2	250.	1

NTS Sample	UTH	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31F15 85KAR1933A	18 346070 5087425	Sand and/or Gravel	0.1	1.	0.1	14.	95.	70.	5.4	15.	550.	3.	39.	10.	1.5	120.	1
31F15 85KAR1934	18 346525 5087045	Sand and/or Gravel	0.05	2.	0.1	23.	100.	103.	6.6	20.	775.	4.	56.	14.	2.2	162.	1
31F15 85KAR1935	18 346730 5086755	Sand and/or Gravel	0.05	4.	0.1	23.	98.	90.	5.5	50.	600.	5.	63.	20.	2.2	95.	1
31F15 85KAR1936	18 348655 5076390	Sand and/or Gravel	0.1	4.	0.4	12.	32.	38.	2.8	50.	1200.	5.	33.	29.	1.0	53.	1
31F15 85KAR1937	18 350100 5076260	Sand and/or Gravel	0.1	2.	0.1	6.	30.	22.	1.9	25.	775.	8.	25.	16.	0.4	43.	1
31F15 85KAR1938	18 348910 5077615	Fill	0.1	1.	0.1	3.	22.	20.	1.6	10.	480.	9.	15.	19.	0.5	35.	1
31F15 85KAR1938A	18 348910 5077615	Marine Silt/Clay	0.05	3.	0.1	16.	138.	57.	5.9	25.	700.	2.	54.	11.	0.6	155.	0
31F15 85KAR1939	18 353675 5086275	Sand and/or Gravel	0.4	0.2	0.2	122.	139.	345.	14.0	3500.	8.	89.	70.	7.0	300.	1	
31F15 85KAR1940	18 354810 5086040	Sand and/or Gravel	0.3	4.	0.6	100.	125.	350.	13.0	50.	3000.	5.	119.	77.	1.8	380.	1
31F15 85KAR1942	18 364845 5081760	Sand and/or Gravel	0.05	2.	0.1	19.	180.	86.	5.9	10.	550.	2.	81.	12.	1.4	160.	1
31F15 85KAR1944	18 351560 5090885	Fill	0.1	2.	0.1	40.	75.	180.	5.7	215.	600.	4.	96.	23.	4.9	152.	1
31F15 85KAR1945	18 350315 5092075	Fill	0.1	2.	0.3	70.	110.	200.	6.0	25.	1100.	3.	89.	18.	0.7	225.	1
31F15 85KAR1945A	18 350315 5092075	Fill	0.2	1.	0.1	16.	60.	120.	4.2	30.	550.	0.5	76.	8.	1.8	95.	0
31F15 85KAR1946	18 349140 5093710	Fill	0.2	2.	0.1	59.	77.	133.	9.6	185.	2250.	5.	89.	33.	6.4	90.	1
31F15 85KAR1947	18 373340 5068335	Marine Silt/Clay	0.1	1.	0.1	10.	90.	46.	5.2	10.	800.	0.5	41.	11.	0.6	150.	1
31F15 85KAR1948	18 389950 5067500	Sand and/or Gravel	0.6	6.	0.3	14.	103.	60.	7.5	155.	5850.	3.	42.	38.	0.7	130.	1
31F15 85KAR1949A	18 369275 5068600	Marine Silt/Clay	0.05	2.	0.1	10.	85.	98.	5.6	5.	700.	3.	54.	9.	0.7	162.	1
31F15 85KAR1950	18 367950 5070260	Marine Silt/Clay	0.1	2.	0.1	11.	95.	35.	5.0	20.	650.	2.	41.	7.	0.7	157.	1
31F15 85KAR1951	18 382960 5068740	Sand and/or Gravel	0.3	6.	0.7	11.	45.	70.	3.5	75.	750.	5.	37.	24.	1.2	133.	1
31F15 85KAR1952A	18 370750 5067750	Marine Silt/Clay	0.05	1.	0.1	11.	105.	45.	5.7	15.	655.	3.	50.	10.	0.5	155.	1
31F15 85KAR1953	18 366010 5072240	Fill	0.4	4.	0.2	13.	65.	140.	7.0	80.	1950.	5.	51.	24.	1.0	320.	1
31F15 85KAR1955	18 366695 5076310	Sand and/or Gravel	0.2	4.	0.1	11.	46.	80.	3.4	15.	250.	3.	35.	7.	1.0	80.	1
31F15 85KAR1956	18 371510 5074125	Sand and/or Gravel	0.3	2.	0.1	24.	100.	95.	7.0	15.	550.	3.	54.	11.	1.2	120.	1
31F15 85KAR1957	18 374040 5075190	Sand and/or Gravel	0.2	3.	0.1	21.	110.	45.	6.3	65.	860.	3.	52.	19.	3.2	138.	1
31F15 85KAR1958	18 374010 5074050	Marine Silt/Clay	0.1	3.	0.1	16.	140.	47.	5.5	15.	700.	0.5	58.	10.	1.0	150.	1
31F15 85KAR1959	18 374470 5073570	Marine Silt/Clay	0.1	2.	0.1	12.	113.	45.	5.4	10.	675.	4.	44.	9.	0.8	157.	1
31F15 85KAR1960	18 354275 5087320	Marine Silt/Clay	0.1	2.	0.1	15.	109.	23.	4.6	20.	550.	5.	39.	14.	0.8	230.	1
31F15 85KAR1962	18 386110 5090735	Marine Silt/Clay	0.1	2.	0.1	13.	102.	62.	5.6	40.	500.	4.	41.	13.	1.9	112.	1
31F15 85KAR1963	18 357900 5093645	Sand and/or Gravel	0.9	3.	0.1	55.	85.	130.	6.0	175.	715.	5.	84.	18.	5.7	80.	1
31F15 85KAR1964	18 333690 5085460	Sand and/or Gravel	0.1	2.	0.1	30.	113.	85.	9.3	70.	800.	6.	49.	20.	2.8	142.	1
31F15 85KAR1965	18 360450 5084060	Marine Silt/Clay	0.2	5.	0.1	12.	118.	65.	5.6	20.	650.	5.	50.	12.	1.2	143.	1
31F15 85KAR1967	18 364025 5086845	Sand and/or Gravel	0.1	5.	0.5	23.	75.	195.	9.0	65.	550.	8.	92.	71.	4.5	1000.	1
31F15 85KAR1968	18 363920 5087105	Sand and/or Gravel	0.4	2.	0.1	46.	55.	275.	11.2	75.	1100.	5.	89.	57.	4.0	300.	1
31F15 85KAR1969	18 363760 5087480	Fill	0.1	1.	0.3	16.	80.	355.	11.4	75.	750.	9.	71.	36.	2.6	410.	1
31F15 85KAR1970	18 363490 5087640	Marine Silt/Clay	0.05	3.	0.1	15.	100.	40.	5.2	25.	650.	4.	41.	8.	1.3	132.	1
31F15 85KAR1971	18 362410 5089955	Fill	0.1	2.	0.1	18.	74.	110.	5.4	60.	700.	3.	120.	15.	2.2	145.	1
31F15 85KAR1972	18 361905 5089550	Sand and/or Gravel	0.2	2.	0.1	16.	84.	65.	5.7	85.	525.	7.	48.	20.	2.2	133.	1
31F15 85KAR1973	18 375570 5066720	Sand and/or Gravel	0.05	1.	0.1	12.	80.	44.	5.2	10.	850.	3.	39.	11.	0.9	150.	1
31F15 85KAR1975	18 381380 5089850	Sand and/or Gravel	0.1	1.	0.2	48.	85.	215.	7.0	575.	1500.	5.	85.	60.	15.2	190.	1
31F15 85KAR1978	18 375600 5067450	Marine Silt/Clay	0.1	1.	0.1	16.	100.	52.	5.0	80.	700.	3.	57.	12.	0.5	155.	1
31F15 85KAR1980	18 372790 5070050	Sand and/or Gravel	0.05	3.	0.1	23.	100.	90.	5.0	90.	1200.	2.	79.	16.	1.2	155.	1
31F15 85KAR1981	18 379000 5072080	Sand and/or Gravel	0.7	17.	0.1	8.	58.	12.	5.0	465.	190.	6.	17.	24.	3.7	78.	1
31F15 85KAR1982	18 379070 5073200	Fill	0.2	3.	0.2	20.	50.	170.	3.9	70.	560.	2.	73.	17.	8.9	140.	1
31F15 85KAR1985	18 381180 5069075	Sand and/or Gravel	0.3	4.	0.2	55.	88.	160.	7.3	2200.	6.	177.	62.	15.3	200.	1	
31F15 85KAR1986	18 381110 5072435	Sand and/or Gravel	0.8	4.	0.3	23.	67.	70.	7.6	70.	1000.	8.	46.	35.	202.	202.	1
31F15 85KAR1987	18 381525 5073410	Sand and/or Gravel	0.2	6.	0.1	27.	85.	192.	6.6	75.	950.	4.	76.	36.	27.0	156.	1
31F15 85KAR1988	18 379860 5073335	Sand and/or Gravel	0.3	2.	0.1	34.	65.	70.	5.8	170.	700.	3.	87.	27.	6.2	102.	1
31F15 85KAR1989	18 379650 5073555	Sand and/or Gravel	0.2	3.	0.1	36.	80.	79.	6.0	230.	590.	4.	85.	57.	5.3	120.	1
31F15 85KAR1990	18 376245 5076600	Fill	0.3	2.	0.1	21.	75.	83.	5.7	180.	480.	5.	65.	29.	5.7	95.	1
31F15 85KAR1991	18 375180 5076110	Fill	0.2	2.	0.1	22.	80.	115.	5.4	110.	975.	3.	79.	27.	9.7	130.	1
31F15 85KAR1995	18 381180 5069075	Sand and/or Gravel	0.1	1.	0.1	14.	95.	102.	5.7	45.	550.	3.	69.	14.	1.7	163.	1
31F15 85KAR1993	18 367795 5089960	Fill	0.3	1.	0.1	10.	80.	70.	4.5	50.	480.	2.	50.	11.	1.2	120.	0
31F15 85KAR1994	18 367480 5089545	Marine Silt/Clay	0.3	1.	0.1	11.	75.	144.	4.4	4.4	470.	2.	59.	13.	1.2	140.	1
31F15 85KAR1994A	18 367480 5089545	Sand and/or Gravel	0.2	1.	0.1	11.	75.	144.	4.4	4.4	470.	2.	59.	13.	1.2	140.	1
31F15 85KAR1998	18 367480 5089545	Sand and/or Gravel	0.4	3.	0.5	31.	150.	70.	14.0	240.	4800.	8.	59.	36.	10.3	93.	0
31F15 85KAR1995	18 366755 5090195	Fill	0.2	2.	0.1	18.	87.	125.	5.8	105.	600.	2.	70.	20.	2.6	150.	1
31F15 85KAR1996	18 366300 5090300	Fill	0.05	1.	0.1	11.	95.	75.	5.3	30.	590.	4.	52.	7.	1.2	148.	1
31F15 85KAR1997	18 365585 5090560	Fill	0.2	1.	0.1	7.	93.	108.	5.2	45.	500.	3.	60.	10.	1.2	155.	1
31F15 85KAR1998	18 364440 5091650	Fill	0.1	1.	0.2	8.	75.	167.	5.2	50.	460.	2.	67.	9.	1.4	167.	1

HTS Sample	UTH	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth	Plot
31F15 85KAR1939	18 363810 5092700	Till	0.1	2.	0.1	12.	87.	73.	4.8	40.	450.	2.	55.	9.	1.4	130.		
31F15 85KAR2000	18 361300 5095300	Till	0.4	1.	0.1	24.	33.	370.	9.6	115.	1500.	3.	98.	36.	5.3	300.		
31F15 85KAR2001	18 368070 5079745	Marine Silt/Clay	0.3	2.	0.1	15.	134.	53.	5.5	25.	630.	4.	86.	9.	0.7	166.		
31F15 85KAR2002	18 370075 5083770	Sand and/or Gravel	0.3	3.	0.1	13.	105.	196.	4.7	225.	1000.	3.	80.	32.	3.8	143.		
31F15 85KAR2003	18 376100 5083003	Till	0.3	0.1	0.1	50.	45.	154.	3.7	48.	1400.	6.	77.	48.		125.		
31F15 85KAR2004	18 375180 5083003	Till	0.1	1.	0.1	29.	82.	145.	6.1	55.	910.	5.	91.	40.	11.3	198.		
31F15 85KAR2005	18 373950 5081403	Till	0.2	1.	0.1	15.	72.	160.	5.1	105.	700.	5.	30.	25.	75.0	190.		
31F15 85KAR2006	18 375180 5083950	Till	0.1	5.	0.1	14.	70.	81.	6.5	255.	395.	8.	44.	51.	40.0	72.		
31F15 85KAR2007	18 374810 5085855	Till	0.3	1.	0.1	41.	76.	128.	4.5	90.	860.	5.	79.	26.	5.6	158.		
31F15 85KAR2008	18 374550 5086325	Till	0.2	2.	0.3	48.	80.	172.	6.6	255.	1150.	5.	130.	58.	45.0	320.		
31F15 85KAR2009	18 373310 5084250	Till	0.1	2.	0.1	44.	62.	280.	5.2	160.	745.	9.	108.	91.	83.0	180.		
31F15 85KAR2013	18 371210 5089375	Till	0.4	1.	0.1	46.	85.	210.	10.0	160.	1450.	7.	164.	134.	13.0	600.		
31F15 85KAR2014	18 372485 5090170	Till	0.6	5.	0.1	22.	50.	355.	7.2	100.	920.	3.	138.	54.	8.0	250.		
31F15 85KAR2015	18 371380 5090050	Sand and/or Gravel	0.2	1.	0.1	13.	92.	108.	5.2	225.	560.	2.	55.	17.	2.1	132.		
31F15 85KAR2017	18 366855 5093670	Till	0.2	2.	0.1	21.	76.	95.	6.0	140.	785.	3.	70.	37.	4.1	120.		
31F15 85KAR2019	18 369950 5092225	Sand and/or Gravel	0.3	4.	0.1	63.	98.	123.	9.2	370.	3100.	5.	113.	89.	7.3	150.		
31F15 85KAR2021	18 369625 5093000	Sand and/or Gravel	0.3	3.	0.1	43.	60.	72.	7.8	175.	1600.	5.	51.	47.	4.2	101.		
31F15 85KAR2022	18 370305 5092925	Till	0.3	3.	0.1	28.	35.	143.	6.0	133.	1800.	4.	85.	54.	2.8	240.		
31F15 85KAR2023	18 371290 5093105	Till	0.1	1.	0.1	13.	90.	93.	6.0	35.	645.	3.	58.	17.	1.7	167.		
31F15 85KAR2024	18 376080 5091115	Till	0.3	7.	0.1	39.	56.	110.	6.8	275.	1050.	5.	94.	60.	12.1	180.		
31F15 85KAR2025	18 373160 5092695	Till	0.6	3.	0.1	38.	55.	425.	6.7	200.	1000.	4.	127.	30.	7.1	320.		
31F15 85KAR2026	18 372600 5092910	Till	0.3	2.	0.1	22.	57.	365.	6.4	110.	950.	5.	147.	41.	7.6	220.		
31F15 85KAR2027	18 382950 5071980	Till	0.2	2.	0.1	33.	92.	160.	4.6	100.	535.	6.	183.	50.	6.7	132.		
31F15 85KAR2028	18 383200 5070100	Till	0.3	4.	0.1	22.	101.	97.	8.7	215.	820.	7.	111.	74.	14.1	121.		
31F15 85KAR2029	18 383360 5073270	Till	0.1	1.	0.1	20.	55.	160.	4.2	140.	500.	4.	78.	16.	5.8	140.		
31F15 85KAR2030A	18 382700 5073560	Till	0.1	1.	0.1	15.	68.	188.	4.9	100.	490.	3.	68.	21.	8.6	152.		
31F15 85KAR2031	18 380850 5075600	Till	0.3	2.	0.1	13.	49.	210.	5.3	40.	500.	4.	93.	40.	10.0	200.		
31F15 85KAR2032	18 380000 5076880	Till	0.3	10.	0.1	43.	93.	220.	9.2	100.	2800.	5.	119.	30.	1.2	350.		
31F15 85KAR2033	18 381155 5076620	Sand and/or Gravel	1.5	3.	0.3	55.	83.	315.	10.0	200.	1400.	8.	105.	82.	43.0	270.		
31F15 85KAR2034	18 381920 5079325	Till	0.2	2.	0.1	28.	92.	210.	6.6	85.	740.	2.	82.	29.	9.7	220.		
31F15 85KAR2035	18 383410 5079320	Till	0.4	3.	0.1	39.	50.	200.	4.7	85.	670.	0.5	81.	26.	4.9	164.		25.0
31F15 85KAR2035A	18 383410 5079320	Till	0.2	3.	0.1	58.	72.	125.	6.5	215.	720.	5.	78.	30.	18.5	140.		17.5
31F15 85KAR2035B	18 383410 5079320	Till	0.1	2.	0.1	36.	76.	185.	5.6	75.	680.	3.	93.	28.	25.0	160.		7.5
31F15 85KAR2036	18 382045 5077550	Till	0.2	2.	0.1	39.	46.	80.	3.5	100.	370.	0.5	65.	14.	3.7	95.		
31F15 85KAR2037	18 381255 5084280	Till	0.1	3.	0.1	56.	80.	215.	7.0	100.	560.	6.	131.	29.	12.5	270.		
31F15 85KAR2038	18 381850 5085645	Till	0.2	5.	0.1	62.	325.	150.	6.6	190.	375.	5.	201.	59.	7.3	325.		
31F15 85KAR2039	18 379840 5083205	Till	0.3	2.	0.1	30.	50.	205.	4.3	70.	630.	5.	93.	23.	6.5	160.		
31F14 85KAR2040	18 341370 5077300	Marine Silt/Clay	0.2	1.	0.1	21.	118.	40.	4.8	20.	500.	3.	59.	6.	1.0	169.		
31F14 85KAR2041	18 340850 5081050	Sand and/or Gravel	0.2	7.	0.1	42.	158.	75.	7.5	100.	1200.	4.	87.	33.	6.8	118.		
31F14 85KAR2042	18 335200 5080250	Marine Silt/Clay	0.05	2.	0.1	20.	142.	52.	5.2	25.	550.	4.	68.	8.	1.0	168.		
31F14 85KAR2043	18 338950 5079120	Till	0.2	2.	0.1	12.	35.	40.	2.6	45.	1200.	5.	32.	13.	0.6	60.		
31F14 85KAR2044	18 339530 5082000	Till	0.1	4.	0.1	17.	82.	64.	5.4	45.	970.	3.	67.	9.	0.6	141.		
31F14 85KAR2045	18 339530 5083480	Sand and/or Gravel	0.3	3.	0.7	17.	180.	45.	4.9	235.	580.	4.	85.	14.	6.9	400.		
31F14 85KAR2046	18 341150 5085680	Sand and/or Gravel	0.1	2.	0.1	20.	115.	40.	4.9	20.	690.	3.	56.	7.	1.5	152.		
31K01 86KAR2060	18 407950 5107300	Till							155.						0.7			
31K01 86KAR2061	18 405220 5108650	Till	0.05	1.	0.1	30.	121.	94.	6.2	15.	710.	1.	89.	8.	0.9	231.		
31K01 86KAR2062	18 403800 512670	Till	0.05	2.	0.1	36.	98.	160.	5.3	100.	800.	2.	86.	19.	3.9	161.		
31K01 86KAR2063	18 406775 5114900	Till	0.05	4.	0.1	36.	72.	116.	5.5	115.	480.	5.	80.	16.	2.6	148.		
31K01 86KAR2064	18 407470 5118000	Till	0.2	2.	0.1	61.	112.	210.	5.7	105.	1100.	4.	101.	30.	10.4	160.		
31K01 86KAR2065	18 408800 5120925	Till	0.2	2.	0.1	49.	72.	58.	5.3	245.	560.	4.	54.	36.	3.0	114.		
31K01 86KAR2066	18 400650 5106670	Marine Silt/Clay	0.05	1.	0.1	31.	120.	85.	4.6	15.	560.	4.	64.	9.	1.7	147.		
31K01 86KAR2067	18 400650 5105800	Sand and/or Gravel	0.05	2.	0.1	40.	124.	160.	5.4	50.	860.	2.	88.	19.	2.6	197.		
31K01 86KAR2068	18 399430 5097125	Till	0.05	2.	0.1	23.	96.	90.	5.6	60.	680.	4.	49.	15.	2.8	197.		0
31K01 86KAR2068A	18 399430 5097125	Till	0.05	2.	0.1	25.	88.	100.	5.4	40.	655.	2.	47.	13.	4.1	168.		
31K01 86KAR2069	18 398125 5113450	Sand and/or Gravel	0.05	2.	0.1	27.	76.	148.	4.5	195.	330.	6.	54.	17.	6.2	74.		
31K01 86KAR2070	18 898420 5119570	Sand and/or Gravel	0.3	4.	0.1	55.	126.	200.	6.5	180.	900.	6.	87.	39.	5.2	209.		
31K01 86KAR2071	18 396300 5111760	Till	0.05	4.	0.1	15.	76.	130.	5.6	390.	180.	5.	22.	40.	11.4	44.		



NTS Sample	UTM	Sediment Type	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
3IK 86KAR2072	18 395920 5111350	Fill	2.0	0.1	28.0	56.0	270.0	3.9	65.0	680.0	1.0	38.0	9.0	2.6	118.0	
3IK 86KAR2073	18 394240 5110300	Fill	1.0	0.1	29.0	84.0	210.0	4.4	65.0	680.0	0.5	50.0	11.0	1.8	142.0	
3IK 86KAR2074	18 393050 5108820	Fill	1.0	0.1	28.0	52.0	170.0	3.4	50.0	560.0	0.5	49.0	8.0	2.4	112.0	
3IK 86KAR2075	18 391550 5107550	Fill	1.0	0.1	32.0	76.0	250.0	5.4	50.0	700.0	2.0	54.0	15.0	3.7	210.0	
3IK 86KAR2076	18 386880 5108260	Fill	2.0	0.1	47.0	80.0	173.0	6.2	320.0	750.0	8.0	53.0	26.0	8.2	114.0	
3IK02 86KAR2077	18 383770 5107580	Fill	1.0	0.1	29.0	60.0	145.0	3.9	55.0	620.0	2.0	62.0	8.0	2.0	130.0	
3IK02 86KAR2078	18 378640 5109080	Sand and/or Gravel	2.0						110.0							
3IK02 86KAR2079	18 376430 5116300	Sand and/or Gravel	1.0	0.1	20.0	88.0	110.0	5.0	155.0	350.0	2.0	30.0	20.0	7.7	66.0	
3IK07 86KAR2080	18 370200 5127100	Fill	2.0	0.1	30.0	72.0	107.0	3.6	125.0	390.0	1.0	55.0	12.0	7.2	63.0	2.0
3IK07 86KAR2080A	18 370200 5127100	Fill	2.0	0.1	37.0	72.0	89.0	3.7	65.0	540.0	1.0	56.0	10.0	2.6	85.0	3.0
3IK07 86KAR2081	18 367200 5131875	Fill	1.0	0.1	16.0	96.0	52.0	5.3	280.0	190.0	8.0	39.0	9.0	5.0	71.0	
3IK07 86KAR2082	18 366550 5132650	Fill	1.0	0.1	24.0	92.0	108.0	4.1	190.0	310.0	2.0	50.0	20.0	2.6	140.0	
3IK07 86KAR2083	18 364900 5133900	Fill	2.0	0.1	27.0	96.0	230.0	4.2	65.0	470.0	2.0	75.0	13.0	4.3	192.0	
3IK07 86KAR2084	18 354580 5139900	Sand and/or Gravel	7.0	0.1	53.0	96.0	160.0	8.0	200.0	1250.0	6.0	48.0	59.0	5.4	157.0	
3IK07 86KAR2085	18 355700 5136840	Fill	3.0	0.1	27.0	108.0	156.0	3.7	65.0	560.0	0.5	74.0	14.0	3.3	119.0	
3IK07 86KAR2086	18 359380 5132820	Fill	5.0	0.1	29.0	116.0	138.0	5.5	125.0	280.0	3.0	53.0	18.0	6.9	76.0	
3IK02 86KAR2087	18 380170 5101150	Sand and/or Gravel	4.0	0.1	32.0	96.0	40.0	6.6	335.0	380.0	3.0	25.0	30.0	6.6	44.0	
3IK02 86KAR2088	18 381450 5096210	Fill	2.0	0.1	58.0	76.0	50.0	7.4	290.0	500.0	4.0	22.0	38.0	3.1	119.0	
3IK08 86KAR2108	18 409930 5135450	Fill	0.05	0.1	28.0	72.0	134.0	4.4	145.0	460.0	0.5	61.0	21.0	2.7	145.0	
3IK08 86KAR2109	18 407800 5141350	Fill	0.05	0.1	38.0	92.0	151.0	5.4	90.0	940.0	0.5	73.0	20.0	4.5	153.0	
3IK08 86KAR2110	18 407400 5141400	Fill	0.05	0.1	35.0	132.0	145.0	5.9	90.0	840.0	0.5	84.0	14.0	2.0	208.0	
3IK08 86KAR2111	18 404850 5144950	Fill	4.0	0.1	34.0	100.0	85.0	5.2	325.0	390.0	0.5	72.0	18.0	2.2	195.0	
3IK08 86KAR2112	18 405000 5146450	Fill	0.05	0.1	63.0	70.0	77.0	4.9	175.0	590.0	1.0	75.0	19.0	2.8	98.0	
3IK08 86KAR2113	18 705250 5147400	Fill	0.05	0.1	34.0	100.0	200.0	4.8	140.0	800.0	0.5	107.0	14.0	3.0	154.0	
3IK09 86KAR2114	18 403875 5154900	Sand and/or Gravel	4.0	0.1	78.0	80.0	134.0	5.3	165.0	1200.0	4.0	73.0	51.0	4.7	134.0	
3IK09 86KAR2115	18 403600 5154450	Fill	0.05	0.1	30.0	116.0	121.0	5.7	40.0	640.0	0.5	65.0	10.0	1.3	189.0	
3IK09 86KAR2116	18 402640 5152920	Fill	0.05	0.1	38.0	68.0	150.0	3.5	150.0	390.0	0.5	75.0	11.0	3.2	114.0	1.0
3IK09 86KAR2116A	18 402640 5152920	Fill	0.05	0.1	36.0	76.0	158.0	3.4	150.0	620.0	0.5	85.0	12.0	2.5	137.0	1.5
3IK09 86KAR2117	18 402340 5150800	Fill	0.05	0.1	48.0	64.0	200.0	4.9	100.0	800.0	2.0	99.0	24.0	3.8	201.0	
3IK09 86KAR2118	18 402720 5150650	Fill	0.05	0.1	50.0	74.0	140.0	4.1	175.0	1000.0	0.5	97.0	17.0	4.3	108.0	
3IK08 86KAR2119	18 403275 5150560	Fill	2.0	0.1	50.0	100.0	210.0	5.8	115.0	1000.0	0.5	107.0	18.0	2.1	176.0	
3IK08 86KAR2120	18 408200 5142300	Fill	0.05	0.1	31.0	80.0	165.0	4.0	65.0	600.0	0.5	69.0	12.0	2.2	155.0	
3IK08 86KAR2121	18 404300 5139830	Fill	0.05	0.1	27.0	140.0	95.0	5.8	15.0	720.0	0.5	70.0	12.0	0.8	202.0	
3IK08 86KAR2121A	18 404300 5139830	Fill	0.05	0.1	28.0	120.0	115.0	5.9	65.0	920.0	0.5	71.0	15.0	2.4	181.0	
3IK08 86KAR2122	18 401050 5137150	Fill	2.0	0.1	21.0	84.0	310.0	4.0	40.0	500.0	0.5	89.0	11.0	5.1	159.0	
3IK08 86KAR2123	18 341700 5141780	Fill	0.05	0.1	40.0	66.0	117.0	3.8	120.0	840.0	0.5	80.0	14.0	4.3	115.0	
3IK08 86KAR2124	18 395100 5141000	Fill	0.4	0.1	25.0	52.0	190.0	3.9	50.0	820.0	0.5	60.0	9.0	1.7	163.0	
3IK08 86KAR2125	18 395775 5139500	Fill	0.1	0.1	27.0	60.0	160.0	3.4	60.0	520.0	0.5	54.0	7.0	1.7	130.0	
3IK08 86KAR2126	18 397000 5138350	Fill	0.05	0.1	40.0	82.0	190.0	4.0	50.0	760.0	0.5	67.0	12.0	1.7	172.0	
3IK08 86KAR2127	18 397500 5137750	Fill	0.1	0.1	32.0	50.0	200.0	4.0	50.0	660.0	0.5	55.0	11.0	2.4	190.0	
3IK08 86KAR2128	18 394500 5128800	Fill	0.5	0.1	68.0	76.0	140.0	4.4	180.0	1000.0	0.5	68.0	15.0	2.4	138.0	
3IK08 86KAR2129	18 391825 5128050	Fill	0.2	0.1	33.0	86.0	142.0	4.6	85.0	820.0	0.5	67.0	12.0	2.6	134.0	
3IK08 86KAR2130	18 391400 5128600	Fill	0.1	0.1	28.0	82.0	95.0	4.4	75.0	480.0	0.5	48.0	13.0	2.4	130.0	
3IK08 86KAR2131	18 391400 5128870	Fill	0.2	0.1	16.0	48.0	125.0	2.5	25.0	440.0	0.5	52.0	7.0	2.0	139.0	3.0
3IK08 86KAR2132	18 391400 5128870	Fill	0.2	0.1	20.0	51.0	107.0	3.2	25.0	390.0	0.5	44.0	9.0	1.6	119.0	2.0
3IK08 86KAR2133	18 390300 5131300	Fill	0.6	0.1	44.0	80.0	225.0	4.1	75.0	800.0	0.5	83.0	9.0	2.7	161.0	
3IK08 86KAR2134	18 388825 5132680	Fill	0.1	0.1	53.0	68.0	192.0	4.0	35.0	600.0	0.5	95.0	16.0	2.6	167.0	
3IK08 86KAR2135	18 387900 5134100	Fill	0.2	0.1	34.0	68.0	215.0	4.0	75.0	560.0	0.5	85.0	11.0	3.0	173.0	
3IK08 86KAR2136	18 386750 5134300	Fill	0.1	0.1	32.0	76.0	163.0	4.0	135.0	450.0	0.5	64.0	16.0	3.0	115.0	
3IK08 86KAR2137	18 385250 5135060	Fill	0.05	0.1	41.0	88.0	103.0	4.7	120.0	620.0	0.5	62.0	20.0	4.5	88.0	
3IK08 86KAR2138	18 384650 5135660	Fill	0.7	0.1	35.0	82.0	175.0	4.2	95.0	720.0	1.0	77.0	8.0	1.8	148.0	
3IK08 86KAR2139	18 398350 5124450	Fill	0.5	0.1	44.0	72.0	180.0	4.2	110.0	660.0	0.5	68.0	21.0	4.2	128.0	
3IK08 86KAR2140	18 403500 5145750	Fill	0.2	0.1	33.0	78.0	148.0	4.8	140.0	540.0	0.5	70.0	16.0	3.2	153.0	
3IK08 86KAR2141	18 403400 5146850	Fill	0.05	0.1	36.0	80.0	168.0	4.6	35.0	600.0	0.5	68.0	16.0	1.7	188.0	
3IK08 86KAR2142	18 399450 5148500	Fill	0.1	0.1	35.0	84.0	133.0	4.0	60.0	520.0	0.5	67.0	10.0	2.0	116.0	
3IK08 86KAR2143	18 398400 5148700	Fill	0.4	0.1	49.0	68.0	300.0	5.8	60.0	880.0	0.5	118.0	14.0	2.1	280.0	
3IK08 86KAR2144	18 397625 5148950	Fill	0.9	0.1	35.0	60.0	230.0	4.6	75.0	800.0	0.5	81.0	11.0	3.9	201.0	7.0
3IK08 86KAR2144	18 394400 5149300	Fill	0.2	0.1	37.0	68.0	210.0	3.9	60.0	580.0	0.5	68.0	10.0	3.0	177.0	

NTS Sample	UTH	Sediment Type	Ag	As	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	U	Zn	Depth Plot
31K09 86KAR2145	18 393300 5151150	T111	0.3	1.	0.1	49.	84.	350.	4.6	120.	700.	0.5	94.	13.	4.2	203.	4.0
31K09 86KAR2145A	18 393300 5151150	T111	0.3	1.	0.1	48.	80.	300.	5.0	50.	720.	0.5	95.	7.	3.7	228.	3.0
31K10 86KAR2146	18 384875 5153950	T111	0.05	1.	0.1	30.	74.	150.	5.4	10.	820.	0.5	59.	6.	1.1	241.	10.0
31K10 86KAR2146A	18 384875 5153950	T111	0.05	1.	0.1	37.	88.	153.	6.0	10.	980.	0.5	49.	7.	0.5	289.	8.0
31K10 86KAR2147	18 376525 5156520	T111	0.05	1.	0.1	31.	96.	118.	5.1	10.	600.	0.5	55.	5.	0.9	206.	
31K10 86KAR2148	18 374350 5157850	T111	0.1	1.	0.1	36.	76.	162.	3.4	75.	570.	0.5	78.	6.	1.6	142.	
31K10 86KAR2149	18 371650 5157750	T111	0.1	2.	0.1	32.	88.	250.	3.3	60.	440.	0.5	72.	12.	4.9	141.	
31K10 86KAR2150	18 375480 5157150	T111	0.05	1.	0.1	34.	80.	270.	4.3	75.	880.	0.5	83.	11.	3.5	192.	
31K10 86KAR2151	18 380640 5154800	T111	0.05	1.	0.1	27.	80.	180.	5.0	25.	720.	0.5	52.	7.	2.6	226.	
31K10 86KAR2152	18 384640 5153825	T111	0.05	1.	0.1	22.	42.	100.	3.1	25.	510.	0.5	36.	7.	2.2	94.	
31K09 86KAR2153	18 391850 5151500	T111	0.05	1.	0.1	30.	92.	255.	4.3	60.	470.	0.5	99.	7.	3.3	191.	
31K08 86KAR2154	18 402625 5123000	T111	0.05	1.	0.1	18.	56.	163.	4.0	40.	400.	0.5	51.	12.	4.1	143.	
31K08 86KAR2155	18 394250 5125425	T111	0.05	1.	0.1	13.	54.	83.	4.0	25.	520.	0.5	39.	9.	2.0	140.	
31K08 86KAR2156	18 393000 5124000	T111	0.05	12.	0.1	26.	48.	70.	3.0	80.	390.	0.5	36.	11.	2.0	75.	
31K08 86KAR2157	18 389650 5123000	T111	0.05	1.	0.1	42.	52.	158.	4.0	105.	580.	0.5	62.	10.	1.4	118.	
31K08 86KAR2158	18 389000 5122800	T111	0.1	1.	0.1	41.	64.	185.	4.0	105.	740.	0.5	60.	11.	2.6	129.	
31K02 86KAR2159	18 382525 5123375	Sand and/or Gravel	0.1	5.	0.1	20.	104.	32.	6.4	410.	280.	0.5	17.	26.	3.9	40.	
31K02 86KAR2160	18 382650 5123170	T111	0.05	3.	0.1	28.	118.	65.	8.8	455.	480.	5.	15.	15.	8.9	45.	
31K02 86KAR2161	18 383425 5122850	T111	0.05	2.	0.1	42.	92.	400.	5.1	115.	880.	0.5	86.	15.	6.0	150.	
31K01 86KAR2162	18 386320 5121800	T111	0.05	1.	0.1	27.	52.	140.	3.4	35.	480.	0.5	46.	9.	2.3	90.	

Table 3

Number	Commodity	Occurrence Type
1	Fe	mica in pyroxenite
2	Fe	massive deposit in marble
3	Fe	magnetite in quartz
4	Fe	iron in marble
5	Fe	disseminated
6	Fe, Ti	hematite and ilmenite in gabbro
7	Zn, Fe, Cu, Pb, Cd, Hg	sphalerite in vein or disseminated in marble
8	Zn, Fe, Cu, Cd	sphalerite in pyroxenite; iron in marble
9	Fe	magnetite in pyroxenite
10	Mo	molybdenite disseminated in pyroxenite
11	U, Th, Cu, Co, Ni, Fe	allanite in metamorphic pyroxenite
12	Mo	molybdenite in pegmatite
13	U, Cb	uranium and niobium in pegmatite
14	Cu, Co, Ni, Ag, Be, Ga, Pd	Cu-Co-Ni-As in pyritiferous vein
15	Fe	mica in pegmatite
16	Fe	graphite in gneiss
17	Fe	magnetite in pegmatite
18	Mo	molybdenite disseminated in metamorphic pyroxenite
19	Fe	fluorine disseminated in aplite
20	U, Th	thorianite and allanite in leucopegmatite
21	U, Th	uraninite and uranothorite in pegmatite dykes
22	U	radioactivity in pyroxenite
23	U, Th, Fe, Cu, Mo	disseminated in pegmatite
24	U	uranium in pegmatite
25	U, Mo, Zn, Pb	galena, sphalerite, molybdenite and uranothorite in pyroxenite
26	U, Cb	uranium and niobium in pegmatite
27	U, Th	uranothorite in coarse granite

Number	Commodity	Occurrence Type
28	Mo, Cu	molybdenite disseminated in pyroxenite and schist
	U, Th	thorium disseminated in marble
29	Mo, Cu	molybdenite disseminated in pyroxenite
30	Th, U, Cu	thorium disseminated in pegmatite and pyroxenite
31	Mo, Cu	molybdenite disseminated in gneiss and aplite
32	Mo, Cu	molybdenite and sulphide ion pegmatite
33	Fe	disseminated in paragneiss
34	Fe	not listed
35	Cu, Ni, Co, Au, Ag	possibly disseminated in pyroxenite
36	Cu, Zn, Cr, Ni, Ag	Cu-Zn disseminated in metamorphic rocks
37	Cu	not listed
38	Fe, U, Th	in vein in pegmatite
39	Zn, Mo	Cu, Zn, and Mo disseminated in gneiss and marble
	U, Th, Mo, Zn, Cu, Ni, W	molybdenite disseminated in pegmatite and gneiss
40	U, Th, Cu, Mo, Cb, Zr, Ti, Fe	molybdenite disseminated in pegmatites
41	Mo	disseminated in pegmatite
42	Fe, Cu	massive and disseminated magnetite in amphibolite
43	U	graphite disseminated in paragneiss
	Mo, Th	molybdenite disseminated in pyroxenite
	Mo, Cu	substitution
44	U, Mo, Cu	uraninite disseminated in skarn and pyroxenite; graphite disseminated in paragneiss
45	Mo, Fe, Ti, U	pegmatite or magmatic segregation
46	W, As, Cu, Au	pegmatite and quartz in paragneiss
47	Mo	molybdenite disseminated in skarn and pegmatite
48	Mo, Ti	substitution

Number	Commodity	Occurrence Type
49	Zn, Pb, Au, Ag, Cu	massive and disseminated sphalerite and galena in skarn
50	Cu, Ni	magmatic segregation
51	Mg, Fe	brucite aggregates in brucitic limestone
52	U, Th	magmatic segregation and filling
53	U, Cb, Ta, Ni, Zr, Fe, Cu, Zn	magmatic segregation
54	Mg, Fe	brucite and magnetite in brucitic limestone
55	U, Th, Zn, Cu	uranium and thorium disseminated in gneiss pegmatites
56	U, Th	U-Th in pyroxene skarn
57	Th, Cu, Fe	magmatic segregation and filling
58	U, Th	massive and disseminated fluorine in marble; uranium-thorium in pyroxene skarn
59	U, Th, Ti, Mg	substitution
60	U, Th	uranothorite disseminated in pyroxene skarn
61	U, Th, Mo	radioactivity in pegmatite
62	Mo	molybdenite disseminated in pyroxene skarn
63	Mo, Cu	molybdenite disseminated in skarn
64	U, Th, Mo	uranothorite disseminated in pegmatite
65	U, Th, Mo	uraninite and uranothorite disseminated in skarn
66	U	radioactivity in pegmatite
67	U, Th	uranium disseminated in granite and syenite
68	U, Th	uranium-rich thorianite disseminated in skarn
69	U, Th	uranium-thorium disseminated in skarn
70	Mo	apatite and mica disseminated in pyroxenite
71	Fe, Ti	lenses magnetite and ilmenite in gabbro

Number	Commodity	Occurrence Type
72	Fe, Ti	magnetite and ilmenite in quartzo-feldspathic rocks
73	Cu	chalcopyrite and malachite disseminated in marble
74	U, Th	disseminated in granite and pegmatite; radioactivity in arkose
75	Fe, Ti	magnetite-ilmenite disseminated in anorthosite
76	Zn, Cu	sphalerite associated with marble and gneiss contact
77	Mo, U, Th, Cu	molybdenite and radioactivity in pegmatite
78	U, Th, Ti, Zr	radioactivity in pegmatite
79	U, Th	radioactivity in pegmatite
80	Fe	iron-rich soil and iron nodules
81	U	disseminated in pyroxenite
82	Mo	pyrite and pyrrhotite disseminated in gneiss
83	U	radioactive minerals disseminated in granite
84	Fe	massive and disseminated vermiculite in pegmatite
85	Fe	phlogopite disseminated in hornblende skarn
86	Fe, Cu	massive and disseminated magnetite and hematite in metasomatic or metasedimentary rock
87	Fe	massive and disseminated magnetite in marble
88	Mo	mica associated with contact between pyroxenite and gneiss
89	Mo, U, Th, Ag, Au	hydrothermal deposit
90	U, Mo, Cu	disseminated in pegmatites
91	U	hydrothermal deposit
92	Mo, Cu	substitution; metasomatic rocks
93	U	disseminated in pegmatite
94	Cu, Zn, Pb	vein in marble

Number	Commodity	Occurrence Type
95	Mo, Ti	mica in pyroxenite
96	Mo	magmatic segregation
97	U, Fe, Zn	disseminated in pegmatite
98	Mg, Fe	metasomatic rocks
99	Cu, Zn	apatite and mica in pyroxenite
100	Fe, Ti, Ba	hematite in feldspathic gneiss
101	Fe, Zn, Ti	massive and disseminated apatite in pyroxemite
102	Fe	massive and disseminated magnetite in diorite
103	U	mica, feldspathic minerals and uraninite in pegmatite
104	U, Th, Zr, Be	mica and feldspathic minerals in pegmatite

