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Surficial geology, till and humus composition across the Shield Margin, north-central Manitoba and Saskatchewan: geospatial analysis of a glaciated environment

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SURFICIAL GEOLOGY, TILL AND HUMUS COMPOSITION ACROSS THE SHIELD MARGIN, NORTH-CENTRAL MANITOBA AND SASKATCHEWAN: GEOSPATIAL ANALYSIS OF A GLACIATED ENVIRONMENT

Geological Survey of Canada Open File 3277, 1996

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Contribution to the

Natmap Shield Margin Project

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DIGITAL DATA

Appendices I-X are available as digital data files (ASCII and EXCEL files) from GSC Bookstore, 601 Booth Street, Ottawa, Ontario, K1A 0E8, (613) 995-4342, Internet: gsc_bookstore@gsc.emr.ca.

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INTRODUCTION

Quaternary geology investigations were undertaken in the Flin Flon-Snow Lake area in 1991 under the NATMAP Shield Margin Project, a co-operative multidisciplinary federal/provincial program initiated by the Geological Survey of Canada. In most of the project area, the surficial geology component consists of surficial geological mapping at 1:100 000 scale and regional surficial sediment sampling (Fig. 1). In addition, the project area encompasses more detailed surficial geology surveys conducted in 1988-89 in the Kississing Lake area, in 1990-91 in the Snow Lake area, as part of the EXTECH Snow Lake Program, in 1992-95 in the Elbow Lake, Naosap Lake and Flin Flon areas, and in 1992-95 in the Annabel Lake-Amisk Lake area, as part of the Canada-Saskatchewan Partnership Agreement on Mineral Development. A regional survey was undertaken in the northernmost part of the NATMAP area in 1983, as part of the Canada-Manitoba Mineral Development Agreement. Figure 2 illustrates the different areas of responsibilities and the list of major contributors. All of these studies were designed to aid mineral exploration for base and precious metals by providing a regional till and humus geochemical database, by mapping the chemical, mineralogical and lithological variations of till that reflect various bedrock sources or that may be related to mineral deposits/alteration assemblages, and by interpreting the Quaternary geology and glacial history as a framework for understanding the glacial dispersal patterns. This report presents the complete database compiled for the surficial geology component of the project area, including all available field and analytical data from the different regional and detailed surveys. A geospatial analysis of the analytical data is also provided and interpreted in view of the geologic framework.

Mineral exploration and development has been ongoing in the area since the beginning of the century. The Shield portion of the area comprises the Flin Flon Belt, one of the most productive base metal greenstone belts in Canada (mainly Cu, Zn). Two major active mining camps are established around the towns of Flin Flon and Snow Lake. More recently, diamond exploration has been stimulated by the discovery of kimberlitic bodies near the shield margin in the Wekusko Lake area, and diamond prospecting is now ongoing in the area (The Northern Miner, 1994).

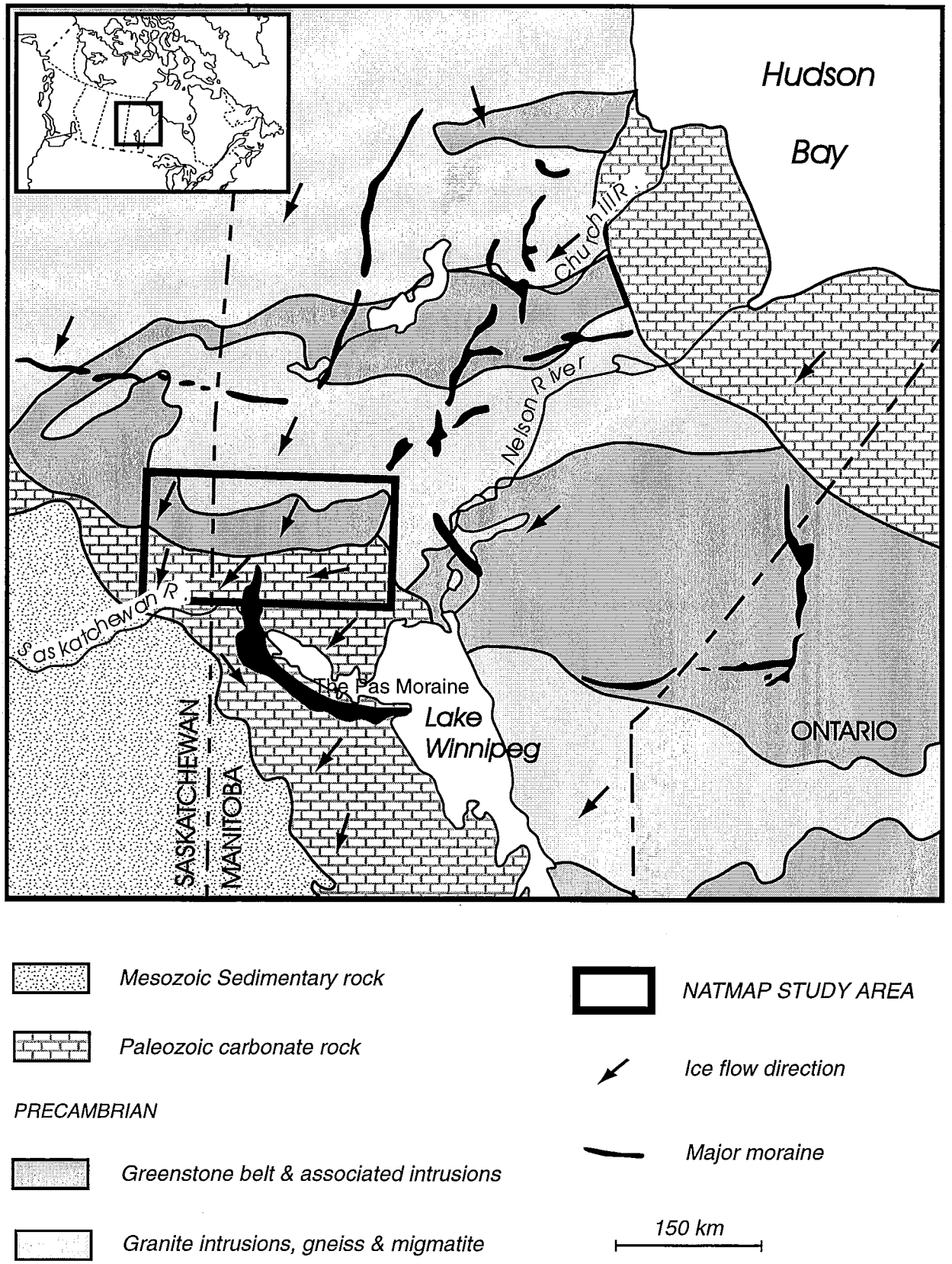
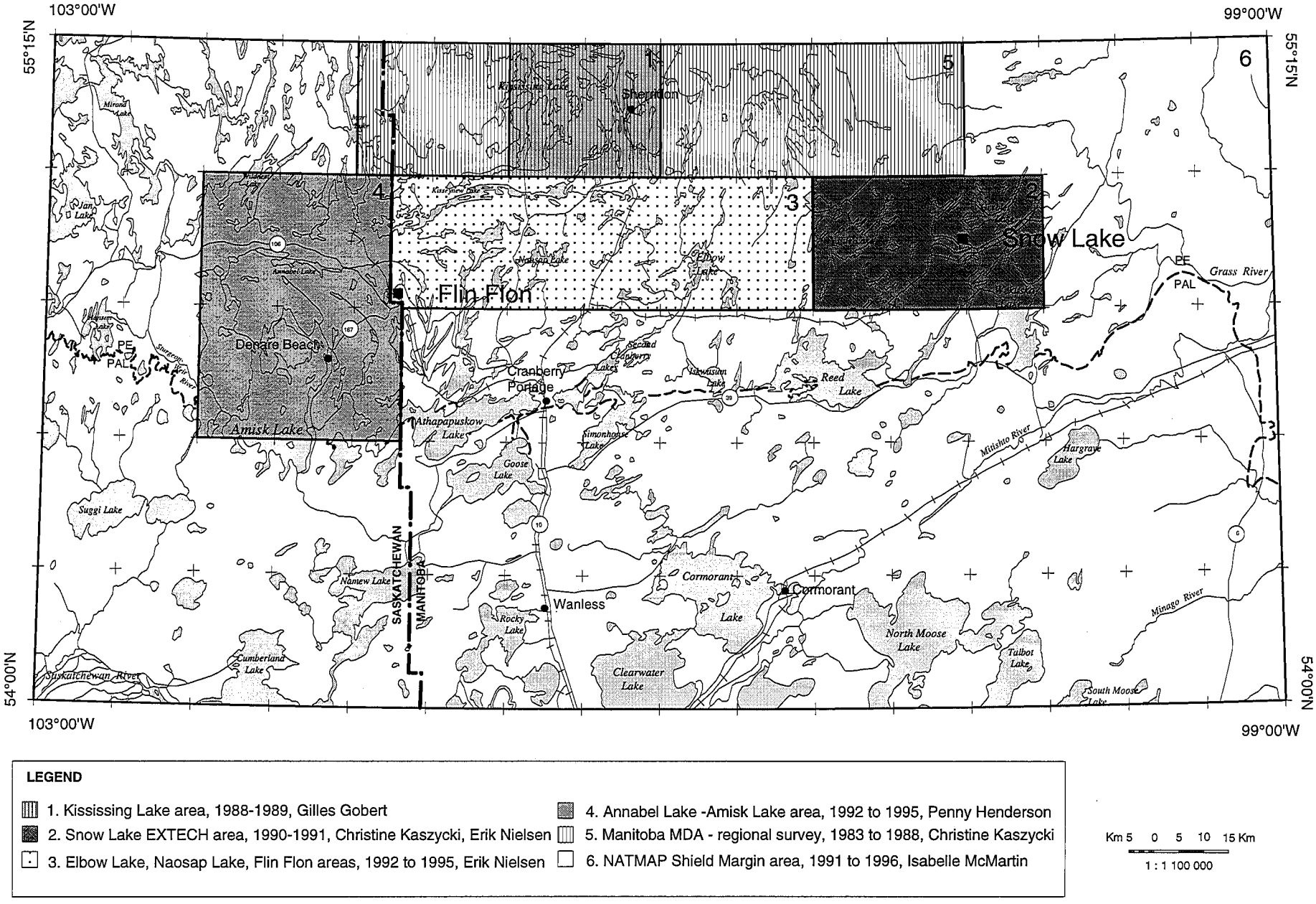


Figure 1. General location map.



LEGEND

1. Kississing Lake area, 1988-1989, Gilles Gobert
2. Snow Lake EXTECH area, 1990-1991, Christine Kaszycki, Erik Nielsen
3. Elbow Lake, Naosap Lake, Flin Flon areas, 1992 to 1995, Erik Nielsen
4. Annabel Lake -Amisk Lake area, 1992 to 1995, Penny Henderson
5. Manitoba MDA - regional survey, 1983 to 1988, Christine Kaszycki
6. NATMAP Shield Margin area, 1991 to 1996, Isabelle McMartin

Figure 2. Detailed location map of different surficial geological surveys within the NATMAP Shield Margin Project area. Dashed line indicates limit of Paleozoic/Shield margin.

Flin Flon is the site of a base metal smelter which produces, on site, zinc, copper, and cadmium from ore extracted from local mines. Particulates of Zn, Pb, Fe, Cu, Cd and As are known to be emitted from the stack (Franzin et al., 1979), and have been found in forest soils and peat, with concentrations decreasing rapidly away from the point source in a southeasterly direction (Hogan and Wotton, 1984; Zoltai, 1988).

PREVIOUS WORK

Several reports comment on the history of deglaciation and the nature of the surficial sediments in the area. Most of these studies were aimed at providing information for use in aggregate resources and land use planning activities (Groome, 1989; Mihychuk, 1988; Pedersen, 1973; Singhroy, 1977; Singhroy and Werstler, 1980). Nielsen and Groom (1987, 1989) discussed the Quaternary geological history of The Pas-Flin Flon area, by documenting ice flow events and till provenance.

The surficial geology of the Wekusko Lake area (63J) and of the Nelson House area (63O) was compiled at a regional scale (1:250 000) by Klassen (1980a, 1980b). Regional surficial mapping (1:250 000 and 1:125 000) and systematic till sampling was completed in the northernmost part of the study area (63N/1 to N/4) (Kaszycki, 1989; Kaszycki and Way Nee, 1989, 1990). Surficial geological mapping was completed in the Cormorant Lake area (63K) as part of the same program (Clarke, 1989). In Saskatchewan, the Quaternary geology of the Amisk Lake area (63L,K) and the Pelican Narrows area (63M,N) was mapped and discussed on a reconnaissance scale (Schreiner, 1984a, 1984b). A detailed study focusing on drift prospecting for gold was carried out east of Amisk Lake (Campbell, 1988).

Current studies conducted within the NATMAP Shield Margin Project area have concentrated on surficial mapping (Campbell and Henderson, in press; Henderson, in prep.; McMartin, 1993a, 1994a; McMartin and Boucher, 1995; McMartin et al., 1995; McMartin, in prep.; Nielsen, in prep.), and drift prospecting studies with reference to base metals (Broome et al., 1993; Henderson, 1995a; Kaszycki and Hall, 1996; Kaszycki et al., 1996), gold (Henderson, 1995a;

Henderson and Roy, 1995) and diamonds (Letendre, 1994; McMartin and Pringle, 1994). Several government reports, posters and talks summarizing field activities and aspects of the glacial history and surficial geology of the area have contributed to the concepts presented in this report (Gobert and Nielsen, 1991; Henderson, 1995a, 1995b; Henderson and Campbell, 1992, 1994; McMartin, 1993b, 1994b, 1994c; McMartin and Campbell, 1994, Nielsen, 1992, 1993, 1994).

REGIONAL SETTING

The study area straddles the Paleozoic/Precambrian boundary in north-central Manitoba and Saskatchewan, between latitudes 54° and 55°15' N and longitudes 99° and 103° W (Fig. 2). The northern half of the project area is underlain by Proterozoic metavolcanic and metasedimentary rocks and associated intrusives, part of the Churchill structural province of the Canadian Shield, with the exception of the easternmost extremity which lies within the Churchill-Superior Boundary Zone (CSBZ). In the southern half of the project area, the Precambrian rocks are overlain by a Phanerozoic platform composed of Paleozoic carbonate rocks, increasing in thickness southward, up to 125 m at the southern edge of the study area.

The area is located in a region influenced by competing centres of ice flow during the Late Wisconsinan (Prest, 1983). Ice flowing from a dispersal centre in the Keewatin Sector of the Laurentide Ice Sheet competed with ice flowing out of Hudson Bay from a Labradorean dispersal centre. Major ice-contact landforms consist of end and interlobate moraines, deposited in glacial Lake Agassiz, which formed as both ice masses were retreating. The northern tip of The Pas Moraine represents a major glacial landform in north-central Manitoba, lying on the Paleozoic cover within the study area (Fig. 1). On the Shield and west of The Pas Moraine, the predominant regional direction of ice flow indicators is toward the SSW, indicating glaciation from a Keewatin dispersal centre (Keewatin ice). East of The Pas Moraine, ice flow indicators have a WSW orientation, indicating ice flow from a Labradorean dispersal centre (Hudson ice). Following ice retreat, the entire study area was inundated by glacial Lake Agassiz, and extensive glaciolacustrine sediments were deposited throughout the area.

On the Precambrian terrane, relief is low to moderate, and the surficial cover is generally thin (< 3 m) and discontinuous, with the thickest till accumulations occurring on the down-ice side of small bedrock irregularities and bedrock highs. On the Paleozoic cover, the overburden is generally thicker, more continuous, and commonly moulded into drumlins. Relief is low, with large depressions between bedrock plateaus filled with fine grained glaciolacustrine sediments mantled with peat. The eastern part of the study area forms a basin filled with thick glaciolacustrine sediments, and waters in this area drain into the Nelson River. The southern part of the project area drains into the Saskatchewan River whereas the northern areas are part of the Churchill River basin. With the exception of the southwestern extremity in Saskatchewan, the entire NATMAP area is located within the discontinuous permafrost zone (Fisheries and Environment Canada, 1978). The area is forested by a mixed coniferous deciduous boreal community composed of jack pine, black spruce, white spruce, balsam fir, trembling aspen and balsam poplar (Hogan and Wotton, 1984).

BEDROCK GEOLOGY AND MINERALIZATION

Bedrock lithologies within the Precambrian terrane have been grouped into four major lithotectonic domains: the Flin Flon Belt, the Hanson Lake Block, the Kisseynew Domain, and the Churchill-Superior Boundary Zone (Lewry and Sibbald, 1977; Lewry et al., 1978; Manitoba Resources Division, 1980) (Fig. 3). The Shield rocks are unconformably overlain by flat-lying unmetamorphosed Paleozoic rocks to the south (Fig. 3). Most of these domains have recently been remapped at detailed and regional scales as part of the NATMAP Shield Margin Project in order to provide an up-to-date integrated geoscience database for the whole area (regional scales: Lucas et al., 1993; MacDonald and Leclair, 1994; Zwanzig et al., 1995; Syme et al., 1993).

Flin Flon Belt

The Flin Flon Belt covers approximately 50 % of the Precambrian terrane in the NATMAP area. These Proterozoic belt rocks have a transitional boundary to the north and east into high-grade gneisses of the Kisseynew Domain, and a tectonic contact with the Hanson Lake Block to the west (Reilly et al., 1995) (Fig. 3).

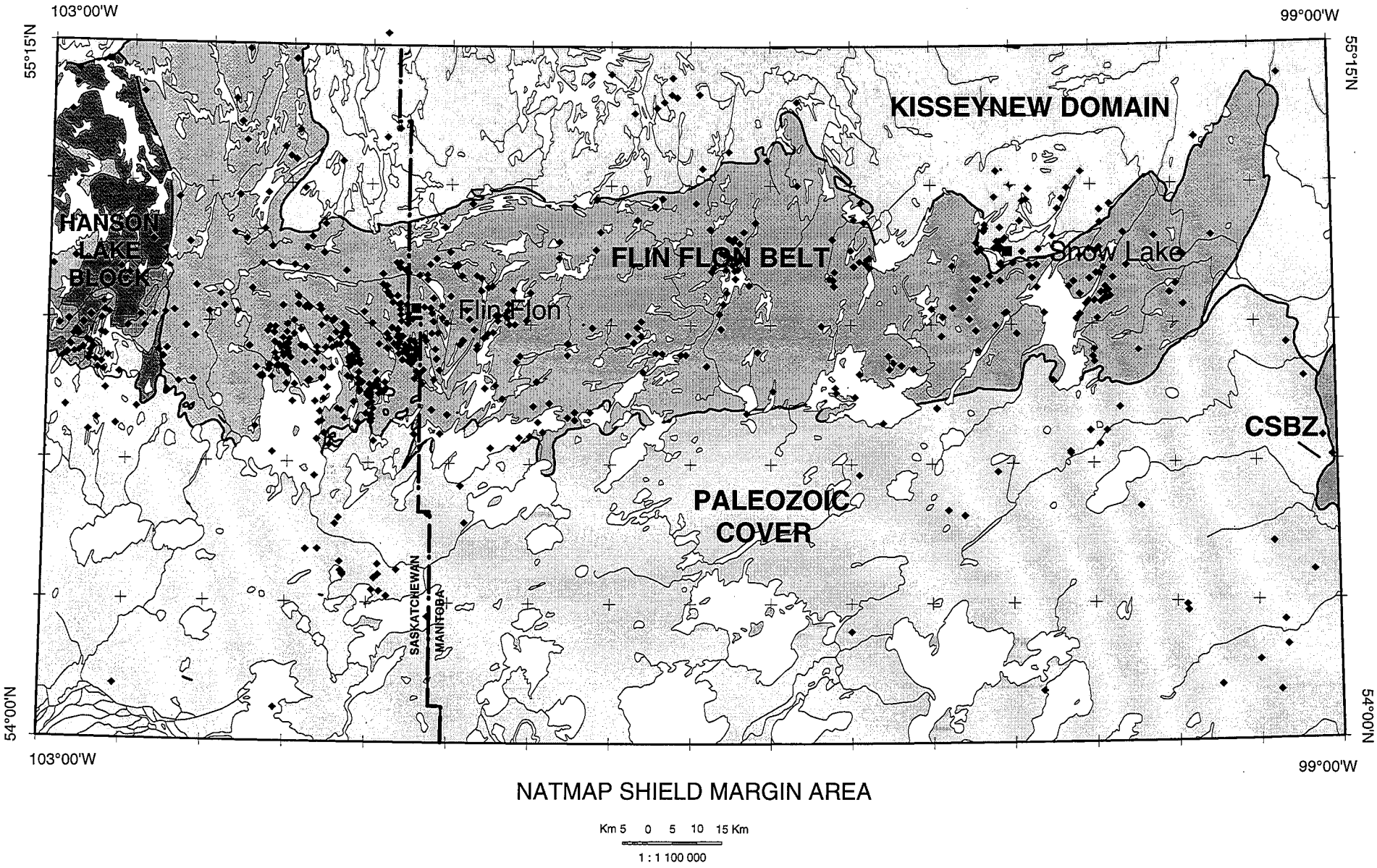


Figure 3. Lithologic bedrock domains and location of major mineral occurrences. Modified from Zwanzig et al. (1995) and Broome et al. (1993).

The Flin Flon Belt is a collage of distinct tectonostratigraphic assemblages built through large-scale imbrication of arc and oceanic slices (Lucas et al., in press), and represent a relatively low metamorphic grade component of the Trans-Hudson Orogen. The greenstone belt comprises subaqueous mafic flow rocks, felsic flow rocks and porphyries, subaerial volcaniclastic rocks, sedimentary rocks, and syn- to post-volcanic dykes and sills, all part of the Amisk Collage (Lucas et al., in press). The northwestern part of the belt (Attitti Block, Ashton et al., 1995), immediately east of the Hanson Lake Block, represents the highly metamorphosed northern extension of these rocks. The greenstone belt rocks are unconformably overlain by a sequence of metamorphosed sedimentary and subordinate volcaniclastic and volcanic rocks (e.g. Missi Suite, File Lake Formation), and intruded by a variety of intrusions, with ultrabasic to felsic affinities (Fig. 4).

Numerous base and precious metal occurrences have been reported for the Flin Flon Belt. Descriptions of known non-confidential deposits can be found in Saskatchewan Energy and Mines and Manitoba Energy and Mines assessment files. Coombe (1984, 1991) has compiled information on known gold and base metal occurrences within the Saskatchewan portion of the study area. The location of known mineral occurrences are shown on Figure 3, based on Broome et al.(1993). In the Flin Flon area, producing and past-producing mines include large Zn-rich deposits (e.g. Flin Flon and Callinan) and small Cu-rich deposits (e.g. Coronation, Birch, Flexar, Konuto Lake). South of Flin Flon, the West Arm, Mandy and Schist Lake deposits are characterized by Cu-Zn mineralization. In the Snow Lake area, numerous Cu and Zn rich deposits (e.g. Chisel Lake, Stall Lake, Anderson Lake, Photo Lake) are known. These deposits are classified as volcanogenic massive sulphide (VMS) deposits. Controls on VMS mineralization as summarized from Syme and Bailes (1993) include the following: (1) deposits are hosted by juvenile island arc assemblages; (2) they occur at major stratigraphic and compositional breaks in the volcanic sequence; (3) they are associated with felsic volcanic rocks; and (4) the stratigraphic footwall comprises coarse volcaniclastic rocks. Porphyry-style Cu (Mo-Au) mineralization in a volcanic vent setting represents the second type of base metal deposits in the Flin Flon Belt. Several of these Cu deposits are found near Flin Flon (e.g. Boot Lake, Phantom Lake) and on Missi Island.

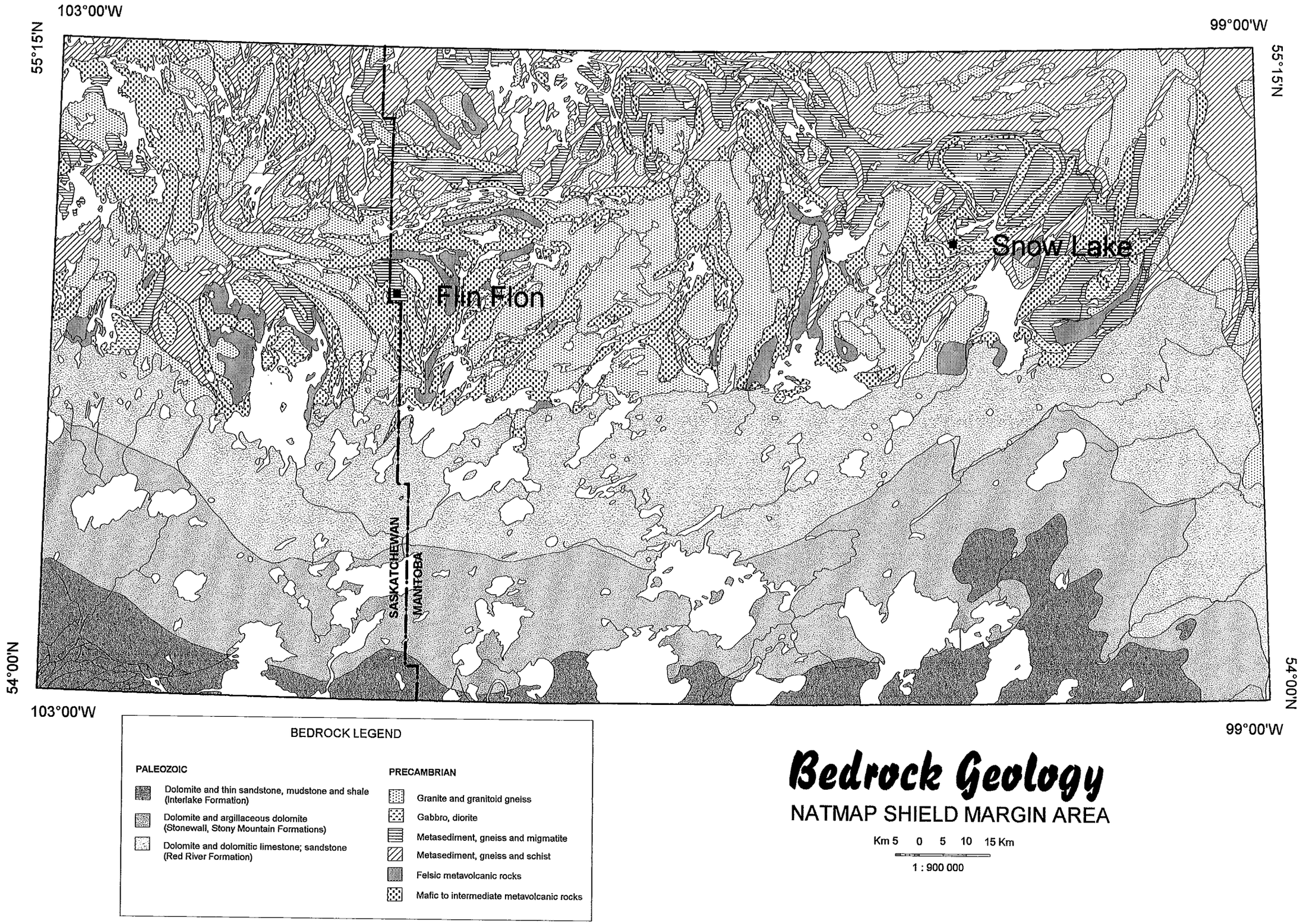


Figure 4. Generalized bedrock geology. Modified from Manitoba Resources Division (1980) and McDonald (1981).

Most of the gold occurrences exhibit characteristics related to epigenetic mesothermal mineralization, including epithermal-type deposits hosted by felsic volcanic rocks (e.g. Laural Lake, Gull Island, Beaver) and mesothermal deposits hosted by brittle-ductile shear zones (e.g. Rio, Monarch/Prince Albert, Graham) (Ansdell and Kyser, 1991; Coombe, 1984; Pearson et al., 1986). Gold occurences are commonly associated with widespread carbonatization, sericitization, silicification and tourmalinization alteration of the adjacent wall rocks (Coombe, 1984). In the Phantom Lake area, a number of Au-Cu occurences exhibit characteristics broadly suggestive of porphyry-type mineralization (e.g. Phantom Lake North, Newcor) (Ansdell and Kyser, 1991).

Hanson Lake Block

The Hanson Lake Block is separated from the Flin Flon Belt by the Sturgeon-weir Shear Zone, and bordered to the west by the Tabbernor fault zone (Figs. 3, 4). The rocks consist of a mixed assemblage of volcanic, volcaniclastic, and sedimentary rocks, intruded by intrusions of wide compositional range (Ashton et al., 1987; Maxeiner et al., 1995), and thrusted over a mylonite zone termed the Pelican Slide (Lewry et al., 1991). These rocks have a north-south structural trend that can be traced below the Phanerozoic cover to several fault lineaments (Giroux, 1995; Leclair and Lucas, 1995).

The Hanson Lake Block is the host of a few mineral occurrences (Fig. 3), primarily VMS deposits. Significant base metal showings occur in the Hanson Lake area (e.g. Western Nuclear, Ramsey, MAL Zone) (Maxeiner et al., 1995).

Kisseynew Domain

The Kisseynew Domain is flanked to the south and west by the Flin Flon Belt, and to the east by the Churchill-Superior Boundary Zone in the eastern part of the area (Fig. 3). The Kisseynew Domain covers approximately 40% of the Shield terrane in the NATMAP area and is underlain by east-trending supracrustal and intrusive rocks, part of the South Flank of the gneiss belt (Fig. 4).

The South Flank contains a variety of plutonic rocks and five assemblages of supracrustal

rocks (Zwanzig and Schledewitz, 1992): (1) the high-grade metamorphic equivalent of the Amisk Group rocks, predominantly fine grained amphibolite and associated rocks, (2) the Burntwood Suite, composed of graphite-bearing gneisses, migmatites and minor amphibolite, (3) the Sherridon Suite, comprising predominantly quartz-rich rocks, (4) the Missi Group, composed of quartz-rich metasedimentary gneiss, and metavolcanics, and (5) unnamed gneisses.

Massive sulphide mineralization on the south flank of the Kisseynew Domain is hosted primarily in the Sherridon Suite (Zwanzig and Schledewitz, 1992). The massive Cu-Zn ±Au sulphide deposit at Sherridon occurs in Sherridon Suite rocks and is the site of one of the only two mines to have operated in the gneiss belt. Massive Zn-Cu-Pb-Ag sulphide mineralization at Kississing Lake occurs in Burntwood Suite rocks. Significant gold deposits occur within the Amisk Group at Puffy Lake in conformable sulphide-bearing quartz veins, at Nokomis Lake in mottled Au-sulphide gneiss layers, and at Martell Lake in K-rich zones within large dykes intruded into the Amisk Group. Gold occurs at Mari Lake in conformable quartz veins and adjacent supracrustal rocks close to the margin of a felsic intrusive body (Coombe, 1984).

Churchill-Superior Boundary Zone

The Churchill-Superior Boundary Zone (CSBZ) represents the western edge of the Superior Province Craton. CSBZ rocks outcrop in the eastern part of the area (Fig. 3, 4), immediately east of Ponton, and are part of the Thompson Nickel Belt, which extends northeasterly towards the town of Thompson. The Thompson Nickel Belt is underlain predominantly by Archean gneisses in fault contact with the Kisseynew gneisses of the Churchill Province (Manitoba, Energy and Mines, 1993).

Major nickel deposits occur in the Thompson Nickel Belt, 100 to 140 km northeast of the area. These Ni deposits are hosted in the Ospwagan Group supracrustal sequence and are associated predominantly with ultramafic sills (Macek and Nagerl, 1992). Although Ospwagan Group rocks do not outcrop in the project area, several Ni-Cu occurrences occur in the Wabowden area, 30 km northeast of the NATMAP area.

Paleozoic cover

Paleozoic rocks unconformably overlie Archean and Proterozoic rocks in the southern half of the study area (Fig. 4). The contact is either marked by an east-west trending escarpment rising up to 20 m above the Precambrian terrane, or is buried under glacial or fine grained glaciolacustrine sediments.

Known Paleozoic outliers are common immediately north of the shield margin, particularly in the Wekusko Lake, Reed Lake and Amisk Lake areas. Several small outliers have been reported in the Wildnest Lake and Attitti Lake areas (Ashton and Leclair, 1991; Ashton, per. com., 1994). One unique Paleozoic outlier is found in central Limestone Point Lake, 55 km north of the shield margin. The outlier comprises white to buff dolomite and reddish argillaceous dolomite, with subhorizontal to near vertical bedding (Elliott, 1994).

Several small Precambrian inliers have been recently identified south of the shield margin, primarily in drillcore. Most of these inliers are covered by variable thicknesses of Quaternary sediments (Leclair, per. com., 1995).

The Paleozoic cover consists of Ordovician and Silurian rocks, that are described briefly below (cf. Fig. 4):

1) Winnipeg Formation

The Winnipeg Formation forms the base of the Paleozoic sequence, and unconformably overlies weathered Precambrian rocks (Haidl, 1992). This Ordovician formation comprises a basal grey to greyish red, friable medium to coarse grained quartz sandstone, and an upper unit dominated by argillaceous siltstone/sandstone. Commonly, the upper unit is not present in the NATMAP area, and a transition zone composed of arenaceous dolomite directly overlies the basal sandstone unit (Haidl, 1992). Outcrops of the Winnipeg Formation are not well exposed, hence they do not appear on Figure 4. The soft and easily erodible sandstone is covered in many places by tumbled down blocks of the hard overlying Red River dolomites (Kupsch, 1952). Basal sandstone beds are exposed south and southwest of Hanson Lake, near Meridian Creek east of Amisk Lake (Byers and

Dahlstrom, 1954), and south of Reed Lake. They have also been reported in the Athapapuskow Lake and Cranberry Portage areas (Kupsch, 1952).

2) Red River Formation

The Red River Formation is Ordovician in age and conformably overlies the Winnipeg Formation. It commonly forms prominent cliffs along the south shores of Hanson Lake, Amisk Lake, Athapapuskow Lake, and Wekusko Lake. Most of the Paleozoic outliers on the shield are composed of this formation (Kupsch, 1952). The Red River Formation comprises two parts: a lower buff to brown, mottled dolomite mudstone, displaying a well-developed joint system with deep crevasses, and an upper argillaceous dolomite interbedded with dolomitic shales (Haidl, 1992).

3) Stony Mountain Formation

The Stony Mountain Formation is of Ordovician age and consists of thick-bedded, yellow-brown, mottled to nodular, dolomite mudstone grading into thinly-bedded dolomite mudstone. An escarpment is commonly found at the lower contact where resistant Stony Mountain strata overlie the recessive argillaceous dolomites of the Upper Red River Formation (Haidl, 1992). Flat-lying 'table top' outcrops of Stony Mountain strata are common on the shores of Namew Lake, Rocky Lake, Cormorant Lake, and Hargrave Lake.

4) Stonewall Formation

The Stonewall Formation is Ordovician in age and composed primarily of dolomite mudstone/wackestone with minor interbeds of argillaceous dolomite/dolomitic shales (Kreis and Haidl, 1994). The contact with the underlying formation is gradational.

5) Interlake Formation

The Interlake Formation is of Silurian age and consists of light brown to tan to buff orange, massive to laminated, dolomite mudstone/wackestone, with interbedded argillaceous/arenaceous dolomite, shale and sandstone (Haidl, 1992).

Base metal mineralization south of the shield margin occur below the thin Phanerozoic cover (Fig. 3). Significant occurrences occur within the continuation of the Hanson Lake Block (McIlvenna Bay Zn-Cu showing, Balsam Cu-Zn Zone), the Flin Flon Belt (Spruce Point Cu-Zn Mine), the Namew Gneiss Complex (Namew Lake Ni-Cu Mine), and the Churchill-Superior Boundary Zone (Minago River Ni-Cu occurrence). Kimberlitic rocks occur near the shield margin at the south shore of Wekusko Lake: these rocks are not known to outcrop in the area.

QUATERNARY GEOLOGY

An outline of the Quaternary geological history is presented in the following section to provide a basis for interpreting glacial dispersal patterns and regional geochemical trends. It is based largely on observations made by the authors in hand-dug pits when drift sampling and at a limited number of backhoe excavations, and from air photo interpretation. Natural sections were rarely encountered. Exposures along road cuts, in borrow pits and in sand and gravel pits were rare but informative in terms of sedimentary structures, spatial and vertical variability in unit thickness, texture, and composition. A summary of the information recorded at nearly 2500 sites is listed in Appendix I.

The Quaternary geology of the area is complex because the region lies in a zone of confluence between two major ice lobes. The erosional record, as discussed below, reflects the complexity of ice flow events in the area, and is based on patterns of striae, crag and tail, and roches moutonnées of varying scale. Relative ages are based on cross-cutting striae or faceted outcrops with older striae preserved on protected surfaces. The depositional record provides information on the till composition that reflects the two predominant glacial transport directions on either side of The Pas Moraine, and on the stratigraphy that relates to late glacial and deglacial events.

Ice flow history

Several major and minor ice flow events have been recognized and differentiated across the project area, and are summarized on Figure 5. The general direction and relative ages of these ice flow events are based on the field measurements of nearly 2400 ice flow indicators from 1216 sites

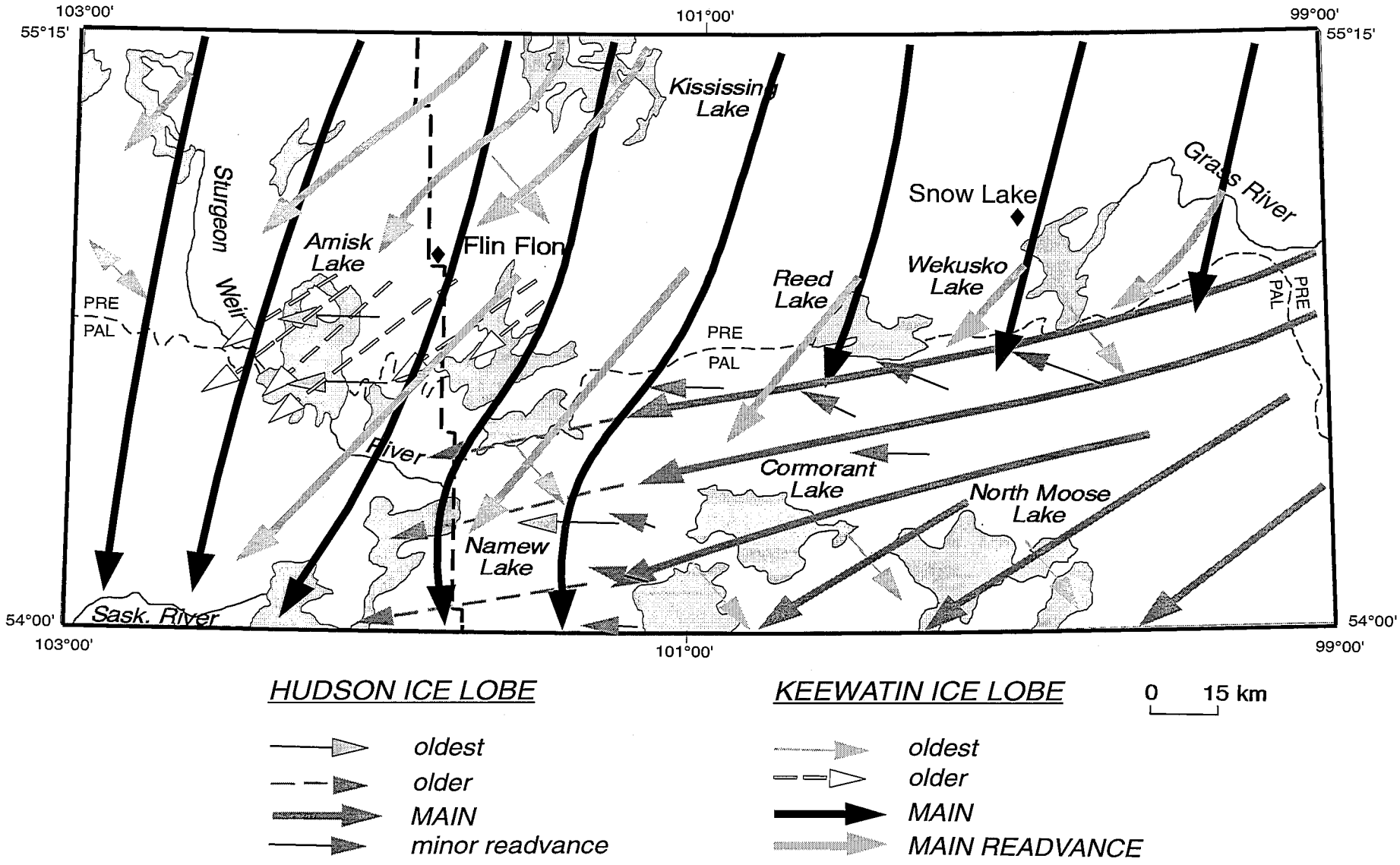


Figure 5. Generalized ice flow trends in the project area.

and on the measurement of glacially oriented landforms from surficial maps (e.g. drumlins, crag and tails, flutings). A compilation map of all ice flow indicators is presented on Figure 6. A summary of the erosional record is presented in Appendix II.

Five glacial advances of Keewatin ice and 4 glacial advances of Hudson ice are postulated for the area. The oldest ice flow event to affect the area was westerly from an ice lobe centered east of the project area (264° to 290°). This event was recorded at 44 sites, predominantly in the Rocky Lake area (Fig. 7a), by Clarke (1989), Henderson (1995a), Henderson and Campbell (1994), Kaszycki (1989), and McMartin (1994b). The western extension and the age of this westerly flow is unknown. It is possible that these striae correlate with those observed by Johnston (1978) and Schreiner (1984b) in north-central Saskatchewan. This event may be related to the westward growth and advance of the Labradorean Sector of the Laurentide Ice Sheet, prior to the Late Wisconsinan maximum when Keewatin ice dominated over the Prairies (Prest, 1990). It could also be older, possibly of Early Wisconsinan or pre-Sangamonian age, equivalent to the Floral Formation (Christiansen, 1968).

The oldest Keewatin ice advance was towards the southeast (mean=148°), as recorded by isolated deep striae found sporadically across the area (Fig. 7b) by Clarke (1989), Henderson (1995a), Henderson and Campbell (1994), Kaszycki et al. (1996), McMartin (1993b, 1994b, 1994c), McMartin and Campbell (1994), and Nielsen (1994). This early southeasterly flow has also been found in the Grass River Basin of Lake Agassiz by Nielsen and Groom (1987) and in northwestern Manitoba by Kaszycki (1989). It was attributed by Klassen (1983) to the Late Wisconsinan ice advance which flowed south through central Manitoba. In the Gillam area, a till unit deposited by ice flowing to the southeast was attributed to a pre-Sangamonian glacial event (Nielsen et al., 1986; Roy et al., 1995), and may be associated with these southeast oriented striations. In the project area, the relative age between this southeasterly flow and the previous westerly flow was recognized only at five sites.

Prior to the predominant ice flow events that are responsible for the two main glacial transport

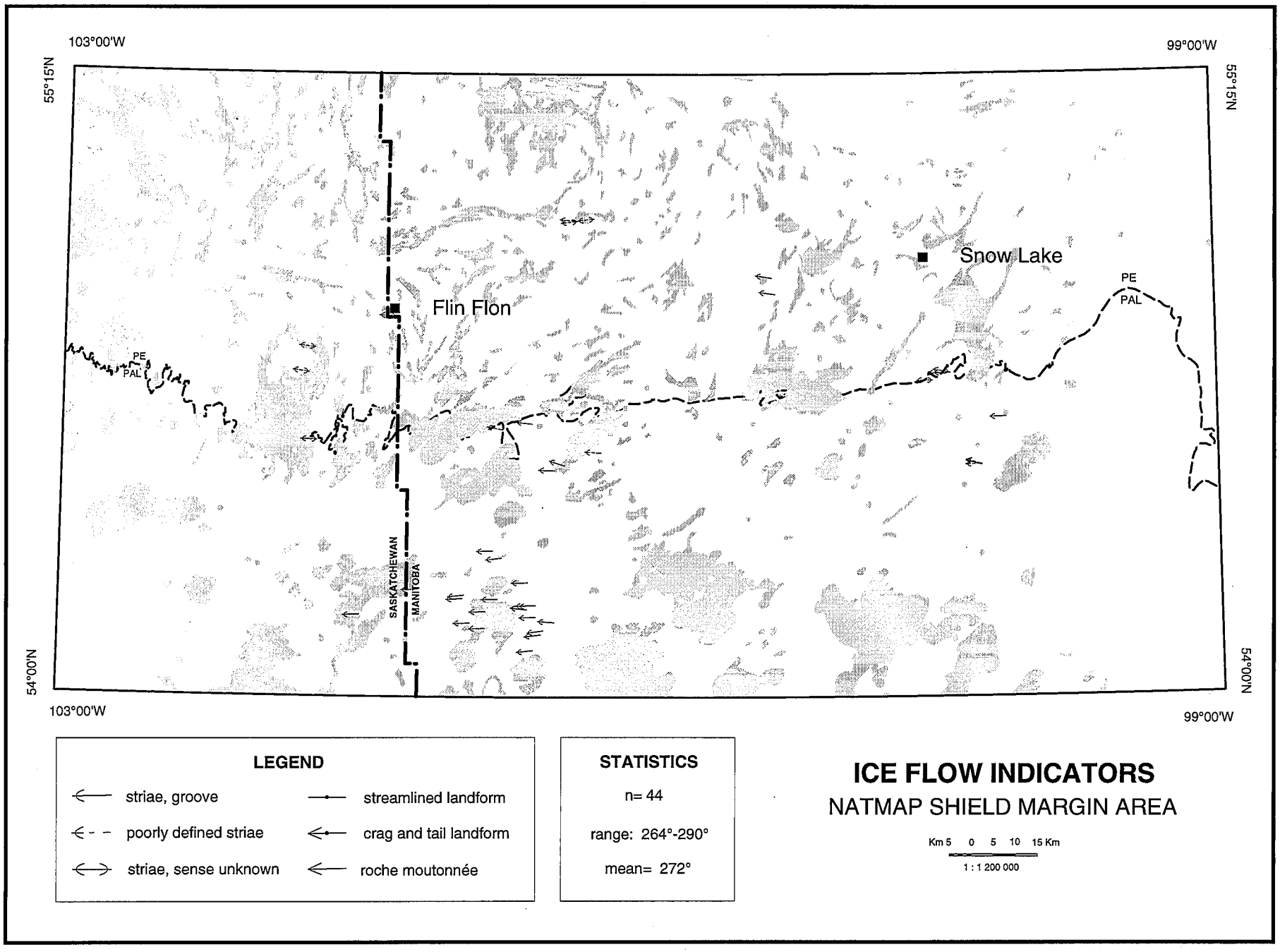


Figure 7a. Map of ice flow indicators recording the oldest advance of Hudson ice.

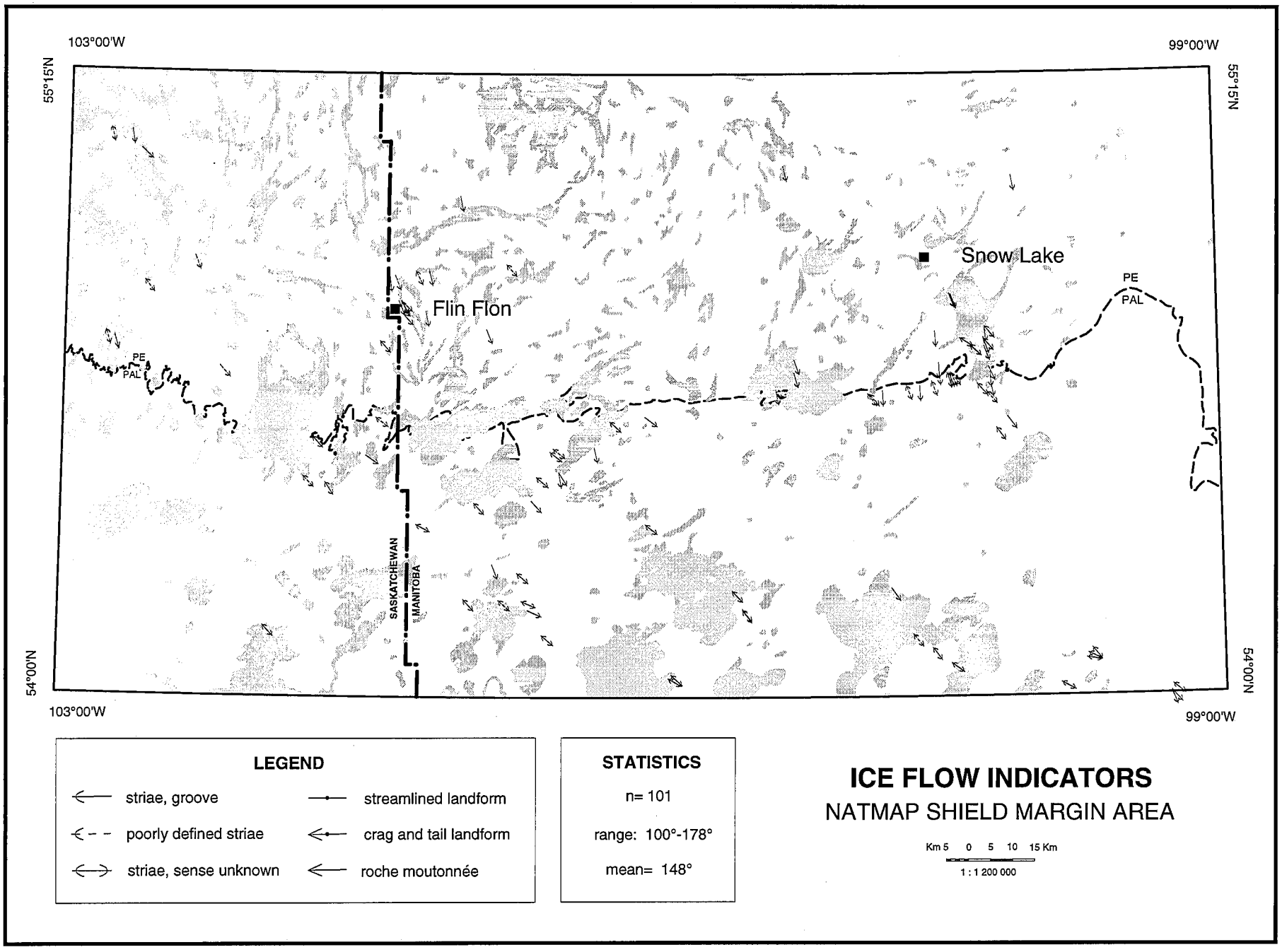


Figure 7b. Map of ice flow indicators recording the oldest advance of Keewatin ice.

directions on either side of The Pas Moraine (Fig. 7c), ice flow indicators record a southwestward readjustment of Keewatin ice in the Amisk Lake-Athapapuskow Lake area (Fig. 5) (Henderson, 1995a; Henderson and Campbell, 1992, 1994; McMartin and Campbell, 1994). This may be in response to the westward advance of Hudson ice as far west as Namew Lake (McMartin, 1994b; McMartin and Campbell, 1994), or to an eastward shift of the Keewatin Ice Divide located in the District of Keewatin.

On the exposed Shield, striae, grooves, roches moutonnées, and crag and tail landforms have a predominant direction toward the south-southwest (K: mean=201°), indicating glaciation from a Keewatin ice dispersal centre (Fig. 7c). This event has been widely documented in the area (Campbell, 1988; Clarke, 1989; Gobert and Nielsen, 1991; Henderson, 1995a, 1995b; Henderson and Campbell, 1992, 1994; Kaszycki, 1989; Kaszycki et al., 1996; McMartin, 1993b, 1994b, 1994c; McMartin and Campbell, 1994; Nielsen, 1992, 1993, 1994; Nielsen and Groom, 1987, 1989; Schreiner, 1984a, 1984b). On the Paleozoic cover, this main ice flow shifted progressively to the southwest as it crossed the shield margin, particularly in the area immediately north of The Pas Moraine, and continued more southerly west of the moraine. East of The Pas Moraine, striations, grooves, crescentic marks and drumlins have a west-southwesterly direction (H: mean=246°), fanning towards the moraine. These features suggest an origin as far as the shores of Hudson Bay near the mouth of the Nelson River (Prest et al., 1968). The striae pattern on both side of The Pas Moraine is interpreted to represent the interference of two lobes, defining a major interlobate position, at least for the portion of the moraine that lies in the study area (McMartin, 1994b; Nielsen and Groom, 1987, 1989).

Keewatin ice may have retreated north of Flin Flon, forming the Annabel Lake Moraine, and possibly north of the study area, before it readvanced southwesterly in a confined area west of The Pas Moraine (K: mean=220°)(Fig. 7d). This event was recognized by fine striations and flutings that truncated the predominant earlier south-southwesterly flow. It was documented by Campbell (1988), Henderson (1995a), Henderson and Campbell (1994), Kaszycki (1989), McMartin (1993b, 1994b, 1994c), McMartin and Campbell (1994), Nielsen (1994) and Schreiner (1984b). In fact, this

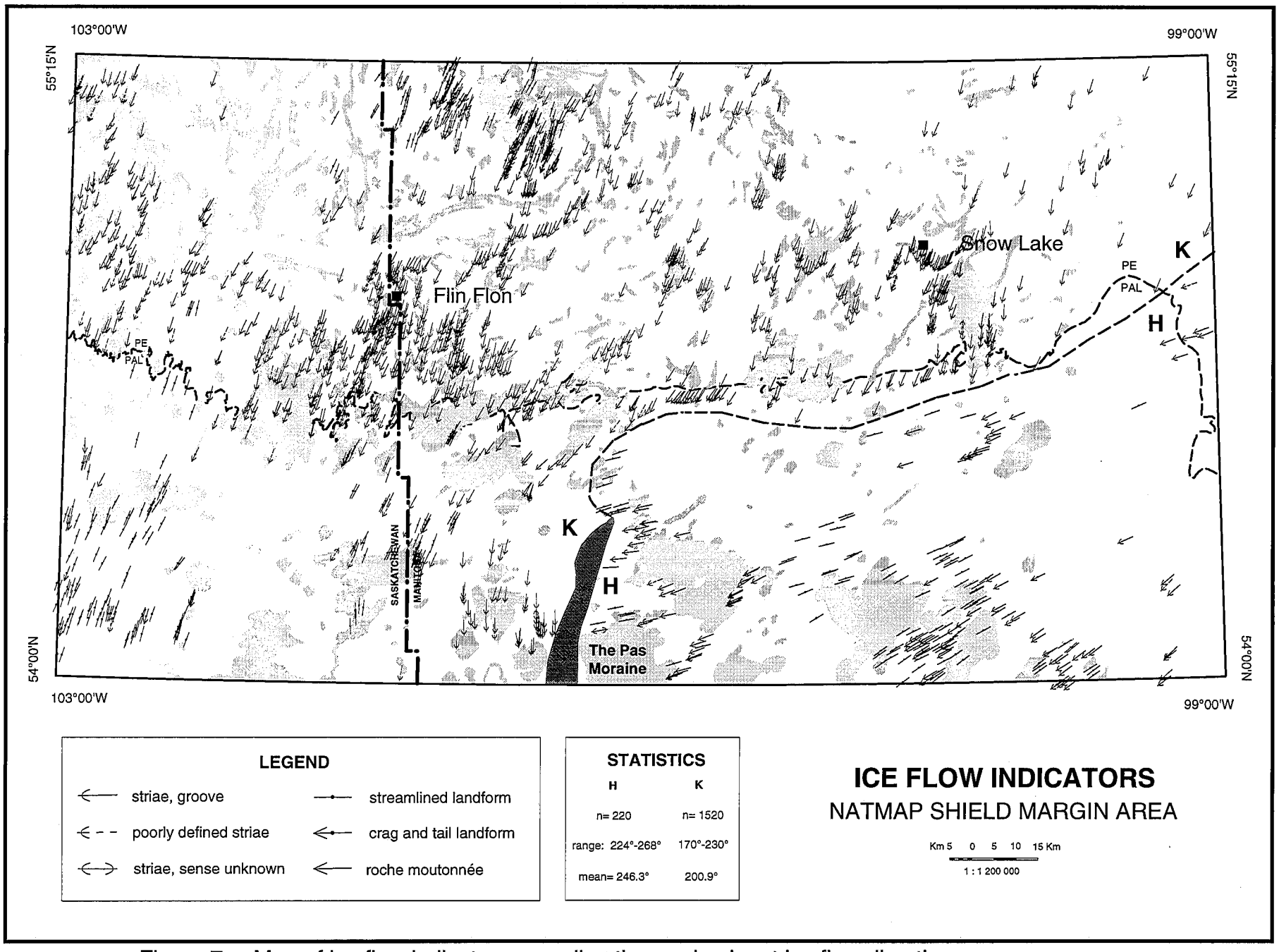


Figure 7c. Map of ice flow indicators recording the predominant ice flow directions.
The dashed line indicates the approximate limit of Keewatin ice (K) and Hudson ice (H).

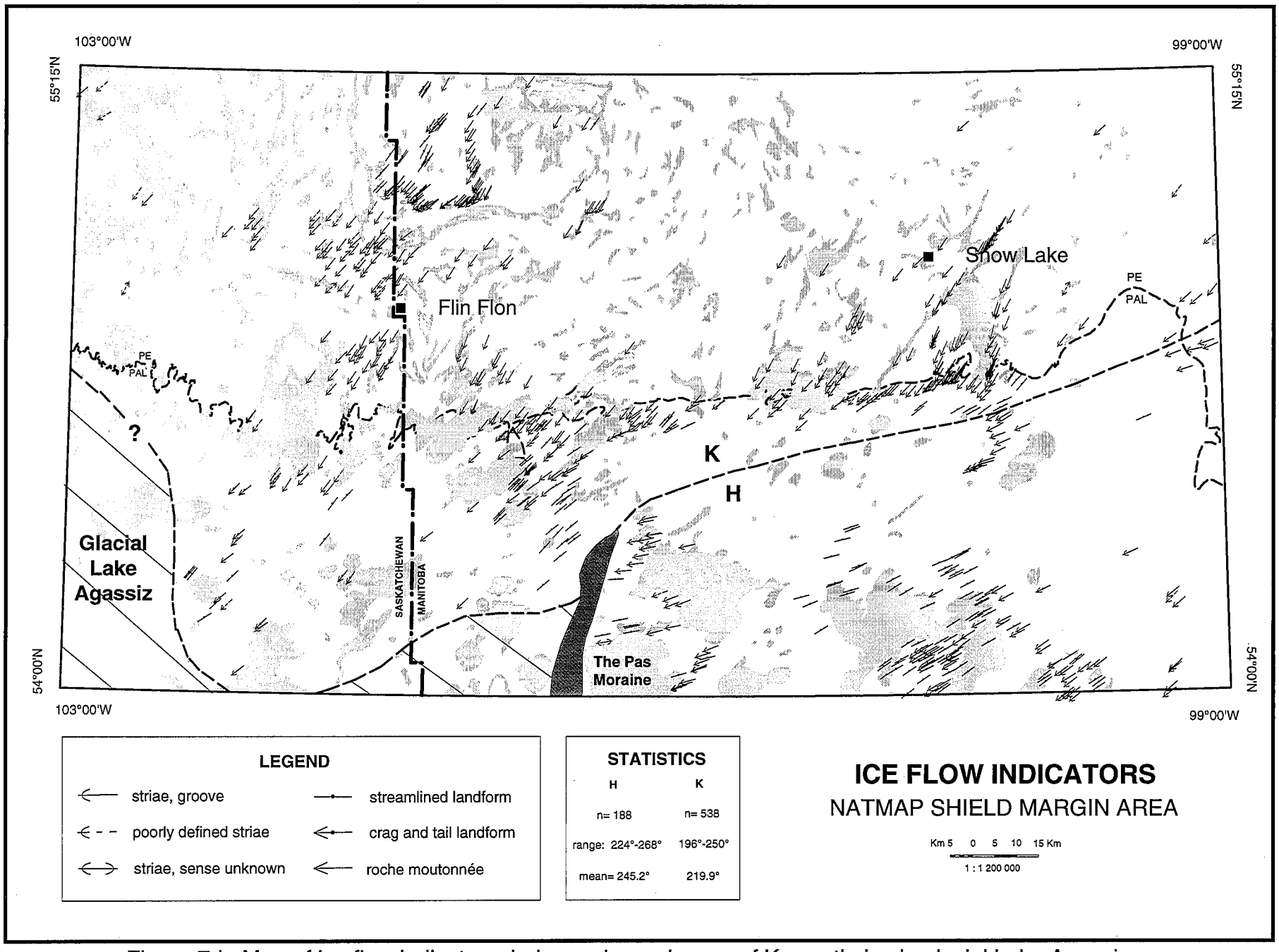


Figure 7d. Map of ice flow indicators during main readvance of Keewatin ice in glacial Lake Agassiz. The dashed line indicates the approximate limit of Keewatin ice (K) and Hudson ice (H).

southwesterly flow overprints almost completely the previous major event in a few areas, namely in the Annabel Lake, Kisseynew Lake and Cumberland Lake areas. Late southwesterly striae are not found south of Rocky Lake and west of Suggi Lake, hence delimiting the southern extent of this late event within the project area.

Finally, west of Cranberry Portage along the shield margin, westerly trending striae and drumlins post-date some of the southwesterly trending striae associated with the previous event (Fig. 7e) (Kaszycki et al., 1996; McMartin, 1994b). This westerly ice advance originates from a divergence in ice flow direction northwest of a northeast-southwest line, from Clearwater Lake to Hargrave Lake (Fig. 7e). South of Reed Lake, ice flow directions progressively trend 210°, 230°, 250° and 280°, indicating an increased influence of Hudson ice over Keewatin ice in a large westerly trending ice-contact zone, where hummocky glaciofluvial material was deposited in an interlobate position. Part of the Reed Lake interlobate moraine, first described by Antevs (1931) and further documented by Clarke (1989) and Nielsen and Groom (1989), lies within this hummocky terrain. This clockwise shift in ice flow trend is also recorded on top of The Pas Moraine, where numerous flutings trend in a west-northwesterly direction, perpendicular to the moraine (Fig. 7e). This late readjustment of the Hudson ice margin, interpreted as glacial overriding of The Pas Moraine by Craig (1965), Klassen (1967) and Nielsen and Groom (1987), occurred locally, and did not flow further west than Wanless in glacial Lake Agassiz (McMartin, 1994b). The Keewatin ice margin possibly stood a second time at the Annabel Lake Moraine (Fig. 7e), or further north of the project area during these late events.

Surficial geology

Following ice retreat, the entire area was inundated by glacial Lake Agassiz. As a result, the distribution and character of the surficial deposits are locally overprinted by the effects of glaciolacustrine processes. The surface till is commonly reworked, lacks fine-grained material, and sometimes exhibits a boulder lag in the upper 40 cm, particularly in areas adjacent to bedrock highs. Two main types of glaciofluvial deposits have been recognized that display sedimentary structures and stratigraphy indicating deposition in Lake Agassiz: 1) sand and gravel, deposited in ice contact

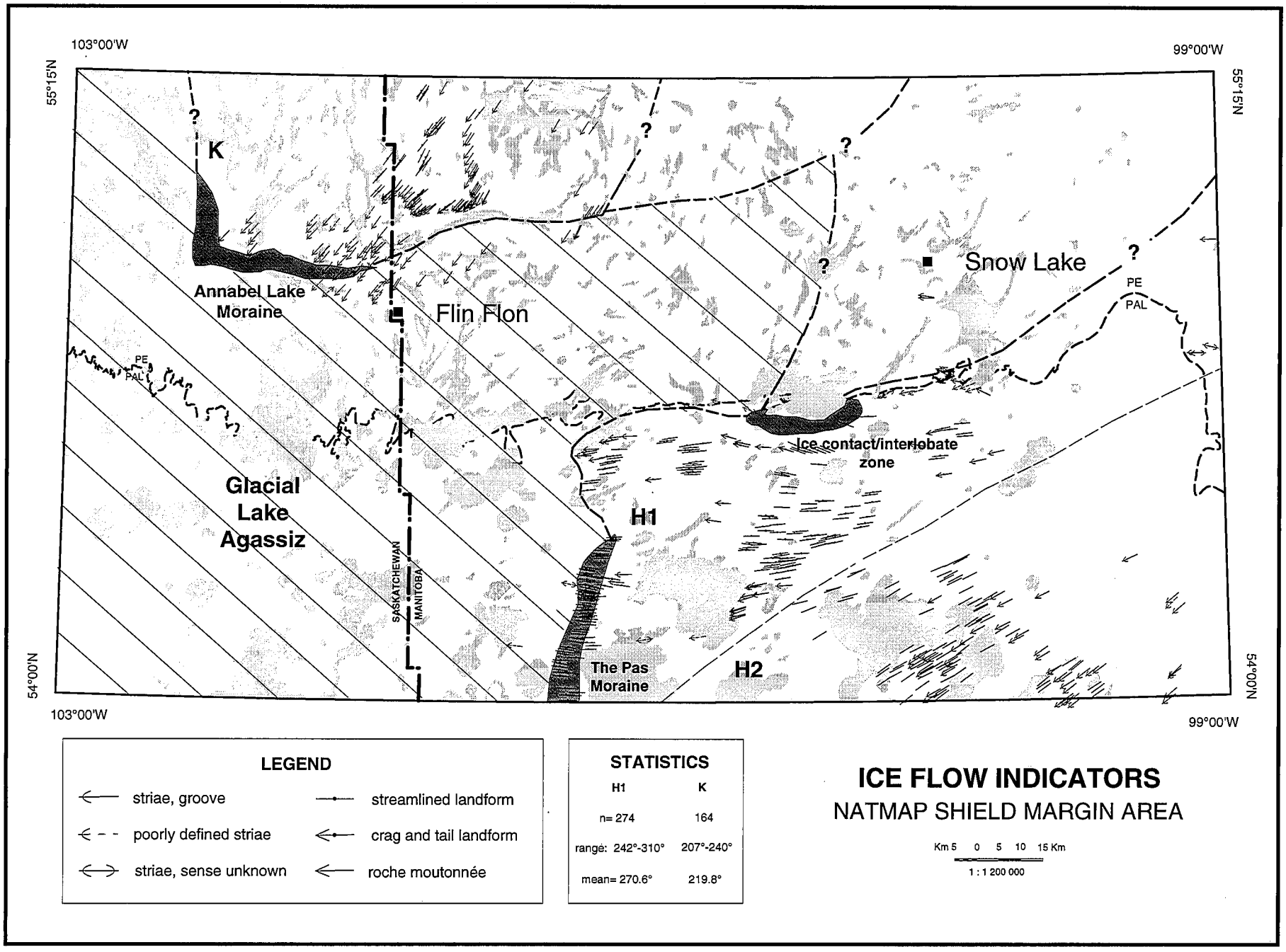


Figure 7e. Map of ice flow indicators during final events prior to Lake Agassiz invasion. The dashed lime indicates the approximate limit of Keewatin ice (K) and Hudson ice (H).

position, and 2) rhythmically bedded sand, silt and clay, representing the distal facies of glaciofluvial sedimentation. The glaciolacustrine deposits in the area are widespread, diverse and in places very thick. Holocene deposits consist of peat in the low-lying areas, mantling fine grained laminated sediments deposited in Lake Agassiz, or alluvial sediments of the Saskatchewan River floodplain.

Glacial deposits

Glacial deposits include unsorted to poorly sorted diamictons deposited as till at the ice margin or beneath glaciers. The composition and texture of till vary across the area depending on the depositing ice (Keewatin versus Hudson) and on the nature of underlying bedrock. Four distinct surface till units have been recognized in the project area.

1) On the Shield, the most pervasive unit consists of a locally derived till overlying bedrock striated by the predominant ice flow toward the south-southwest (Fig. 7c). This unit has been recognized in the region by Campbell (1988), Clarke (1989), Gobert and Nielsen (1991), Henderson (1995a, 1995b), Henderson and Campbell (1992, 1994), Kaszycki (1989), Kaszycki et al. (1996), Klassen (1980a, 1980b), McMartin (1993b, 1994b, 1994c), McMartin and Campbell (1994), Nielsen (1992, 1993, 1994), Nielsen and Groom (1987, 1989), and Schreiner (1984b). The till has a sandy matrix, is permeable, non calcareous to rarely calcareous, and compositionally closely related to bedrock lithologies found immediately up-ice. This unit forms a discontinuous cover that thickens on the lee-side of bedrock knobs, where glacial sediments were deposited in temporary cavities under the ice (Hillefors, 1975).

2) The composition and texture of the surface till described above grades into a sandy-silty, weakly to moderately calcareous till, south of the shield margin and west of The Pas Moraine (Fig. 7c), as the Shield component becomes diluted by Paleozoic debris. This unit corresponds to the Wanless till of Nielsen and Groom (1987), although these authors did not differentiate this till from an upper till unit that will be described below. A transition zone between Shield derived non calcareous tills and silty-sandy strongly calcareous tills extends less than 20 km down-ice from the Precambrian/Paleozoic boundary. Beyond this transition zone, regional variations in colour, clast

composition, and possibly thickness of the till, are closely related to the underlying Paleozoic bedrock formations. The till matrix has a yellowish-orange colour where it overlies rocks of the Upper Red River Formation. The till overlying the Stonewall and Interlake Formations has a reddish-orange colour. These Lower Paleozoic formations contain interbeds of brown to red argillaceous dolomite and dolomitic shales. The surface till is weakly to moderately calcareous in the drumlin field northwest of Cumberland Lake, underlain by the Stony Mountain Formation. It has a silty-sandy matrix, and is commonly grey to beige, reminiscent of the till overlying the Red River Formation which outcrops 10 km up-ice from the drumlin field. In this area, till is thicker and the surface material is derived from more distal sources.

3) A younger till was recognized at numerous sites within the zone influenced by Keewatin ice. The till was deposited during the late southwesterly event illustrated on Figure 7d, and commonly overlies Lake Agassiz fine-grained sediments. This upper unit was recognized in the area by Campbell (1988), Henderson (1995a, 1995b), Henderson and Campbell (1992, 1994), McMartin (1993b, 1994b, 1994c), McMartin and Campbell (1994), and Schreiner (1984b). The composition and texture of this unit vary from a calcareous, sandy-clayey, clast-poor till where the ice has overridden fine textured glaciolacustrine sediments, to a non calcareous to weakly calcareous sandy-silty till, where it overlies a till or bedrock.

4) East of The Pas Moraine, the surface till consists of a grey to white, moderately to strongly calcareous, weakly permeable, and relatively clast-poor till of eastern provenance. Nielsen and Groom (1987) named this unit the Clearwater till. This unit is silty to silty-sandy and variably enriched in Paleozoic carbonate pebbles. Greywacke erratics from the Omarolluck Formation that outcrops in the Belcher Islands (Prest, 1990) are present but rare in the pebble and cobble fractions of the till. The carbonate content of tills sampled over the Churchill-Superior Boundary zone, immediately up-ice from the project area, is moderate (up to 15%), suggesting it contains carbonate material from the Hudson Bay Lowlands.

The stratigraphy of the glacial deposits in the project area is largely related to late glacial and

deglacial events. Four selected sections are described below that illustrate these late events.

In the Wanless area (sites MOB930064, MOB940266), two backhoe excavations expose multiple thin till units separated by glaciolacustrine sediments (Fig. 8a). A thin (10 cm), red to brown, calcareous till overlying bedrock striated by a westerly flow (unit D) is found at the base of the sequence. A strongly calcareous orange brown till (unit C) with a strong fabric (193°) overlies orange brown massive silts, which in turn unconformably overlie the lower till. Above unit C, is a complex glaciolacustrine unit composed of laminated sediments interlayered with thin orange brown diamictic layers, overlying massive clays (unit B). A sandy-clayey, weakly calcareous, brown Precambrian derived till with irregular laminations is found at the surface (unit A), above the laminated sediments. These units are interpreted to be the result of successive ice flow events: a westerly advance of Hudson ice (unit D), followed by the main south-southwesterly flow (unit C), and finally the major southwestward readvance into Lake Agassiz (units A and B).

Near the town of Cormorant (MOB930022, MOB940140), a 2.1 m deep exposure in a borrow pit was studied in detailed (Fig. 8b). Two till units separated by a sharp contact were identified on the basis of color, texture, clast composition, carbonate content, and geochemistry. The lower till is sandy-silty, moderately to strongly calcareous (37% to 51%), greyish brown, very compact, and moderately rich in Precambrian clasts (21%). The upper till is silty-sandy, strongly calcareous (53% to 63%), greyish pink, fissile, and leached of carbonate in the upper 30 cm. The upper till is slightly depleted in most trace elements as compared to the lower till. Cross-cutting striae found at the base of the pit where the drift is thin over a bedrock high indicate ice flow towards 248° post-dated by a slightly more westerly flow (266°). On the basis of these differences, the lower till is interpreted as deposited by the main Hudson ice advance (Fig. 7c), and the upper till as deposited by a later more westerly flow (Fig. 7e).

South of Bakers Narrows, near the Millwater quarry on Athapapuskow Lake (BOU940021), a hand-dug hole 1.2 m deep exhibits multiple thin till units within a southwesterly oriented crag-and-tail landform (Fig. 8c). At the base of the hole, a sandy, non-calcareous, dark greenish grey till,

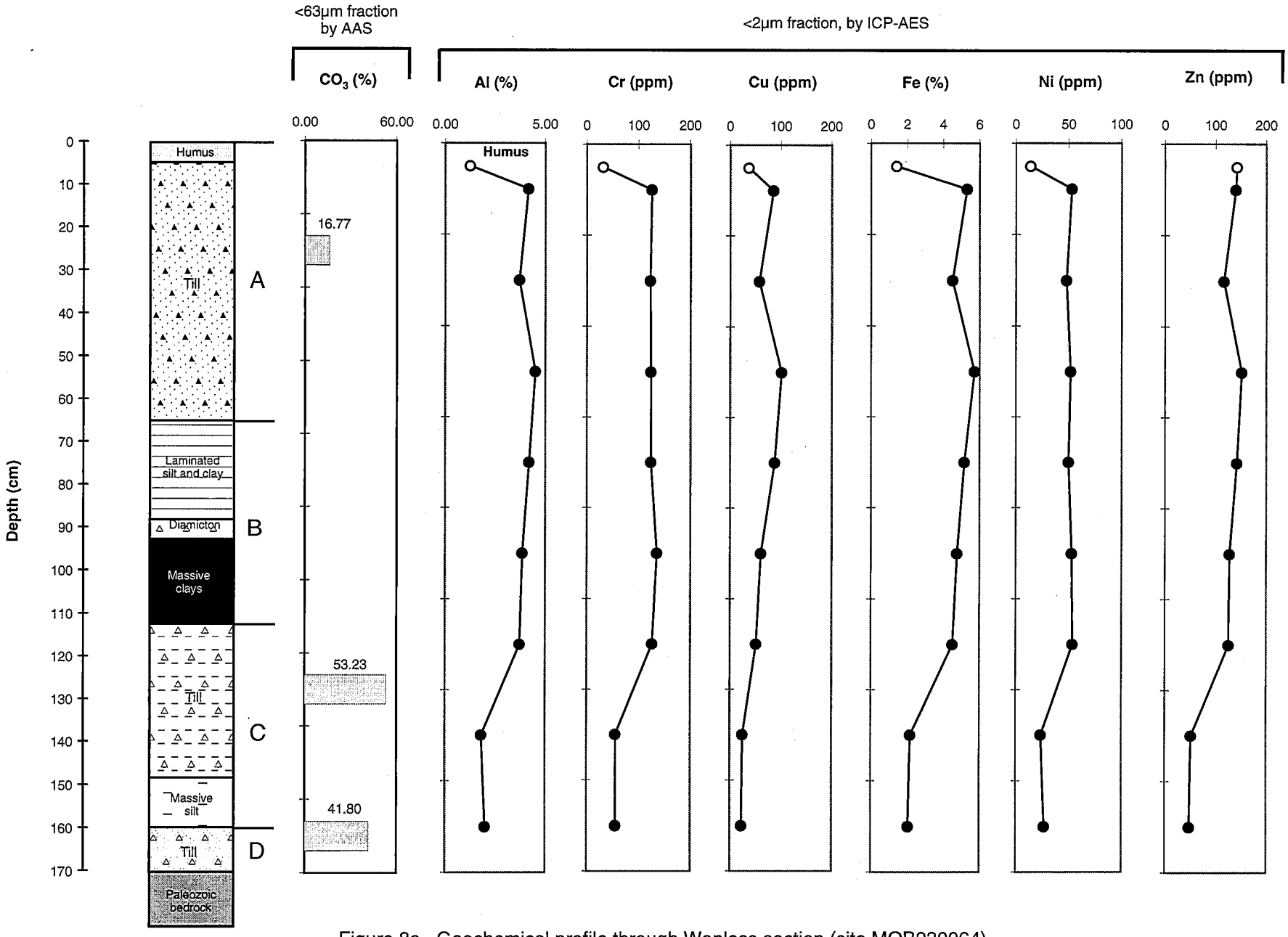


Figure 8a. Geochemical profile through Wanless section (site MOB930064).

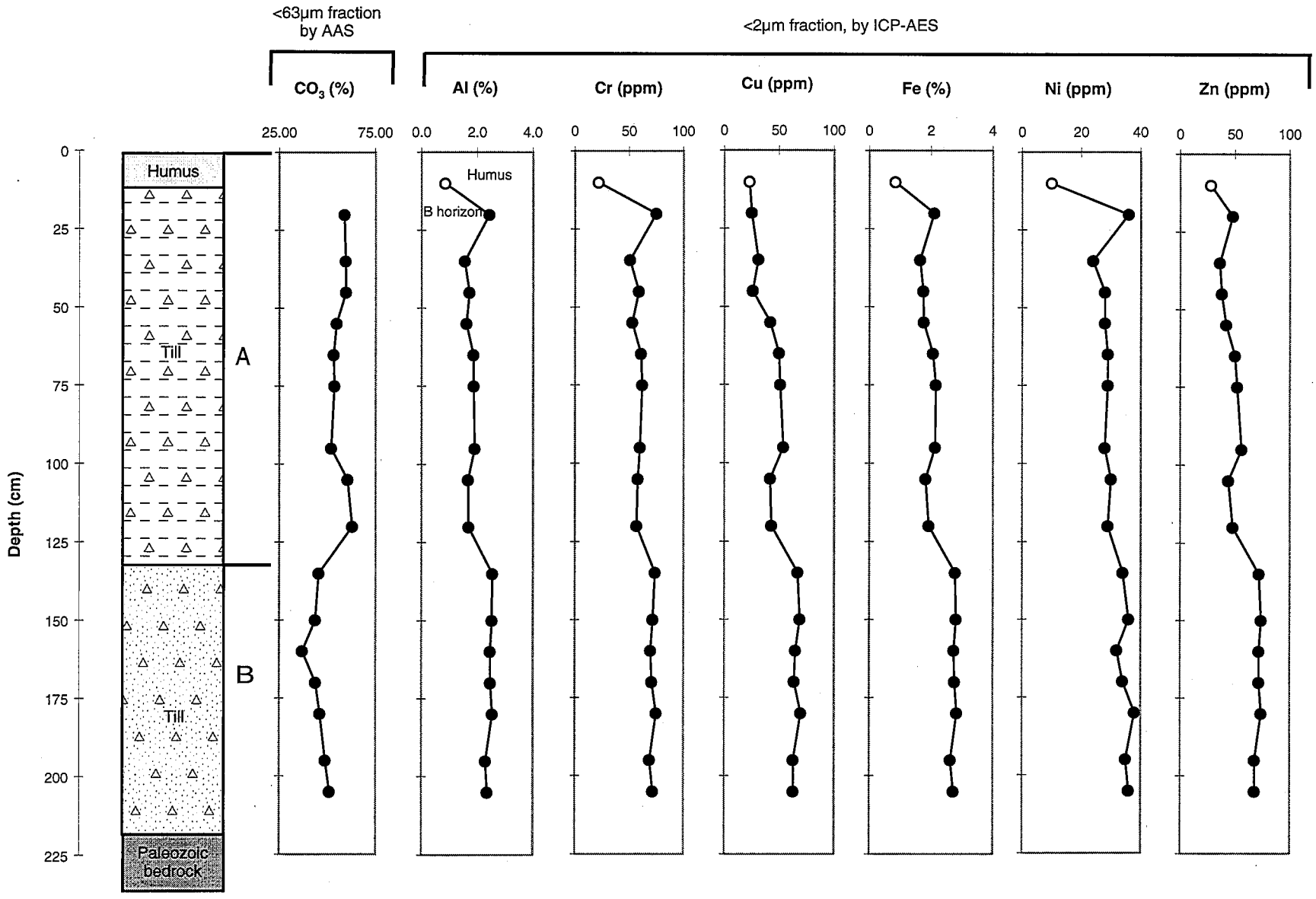


Figure 8b. Geochemical profile through Cormorant Lake section (site MOB930022).

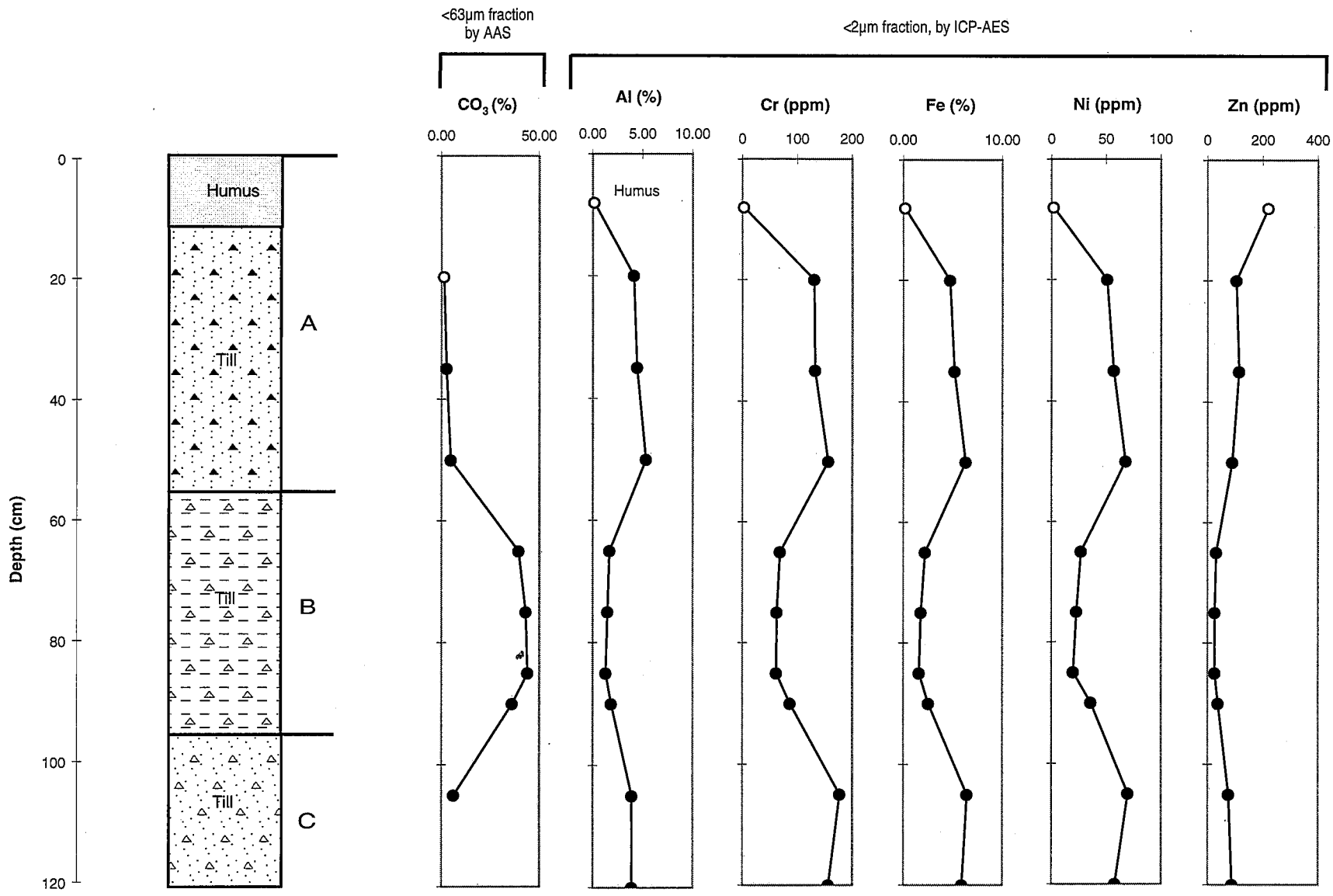


Figure 8c. Geochemical profile through Millwater section (site BOU940021).

enriched in greenstone clasts and relatively high in trace element concentrations is found (unit C). This lower till is overlain by a silty, calcareous (36 to 44 %), grey fissile till, high in Ca and Sr, and low in other trace elements (unit B). A strong till fabric was measured in this unit, indicating an eastern provenance (280°). The upper unit consists of a sandy-clayey, bouldery, non-calcareous, brown till, that may be leached in the upper 20 cm (unit A). These units are separated by sharp contacts. The lower till (unit C) was probably deposited from an early southerly flow (Shield provenance) of unknown age. The middle till (unit B) was deposited from an early westerly flow that was followed by a southwestward advance (unit A).

North of Mosher Lake (JEC922067), three Shield derived tills with slight compositional variations separated by sharp erosional contacts were recognized (Fig. 8d). The lower unit is a compact, sandy silty till with a strong fabric (276°) indicating deposition by ice flow from the east (unit C). The middle unit consists of a compact silty sandy till (unit B) enriched in Al, Fe, and depleted in Cr, Ni, and Co compared to the underlying unit. The upper unit is a compact, fissile sandy till with slight compositional differences from the underlying unit. It has a bimodal fabric at 304° and 207° (unit A), and may represent an ablation facies of the underlying till deposited presumably by the main ice flow event (Henderson, 1995a).

Glaciofluvial deposits

Glaciofluvial deposits are common in specific areas within the Shield terrane. An extensive deposit of sand and gravel (> 20 m thick) occurs north of Annabel Lake in an east-west trending belt 3 to 5 km wide, forming a positive relief feature characterized by ice marginal sedimentation (Henderson, 1995b). Because this deposit is coincident with the southern limit of predominant late southwesterly striae (Fig. 7e), it is interpreted to be a moraine deposited by ice readvancing southwesterly into the lake basin. Based on stratigraphic evidence, the moraine may have been overridden during the readvance (Henderson, per com. 1996).

Stratified glaciofluvial sediments also occur within southerly elongated deposits on the Shield, namely east of Amisk Lake, from Kississing Lake to Athapapuskow Lake, and from File

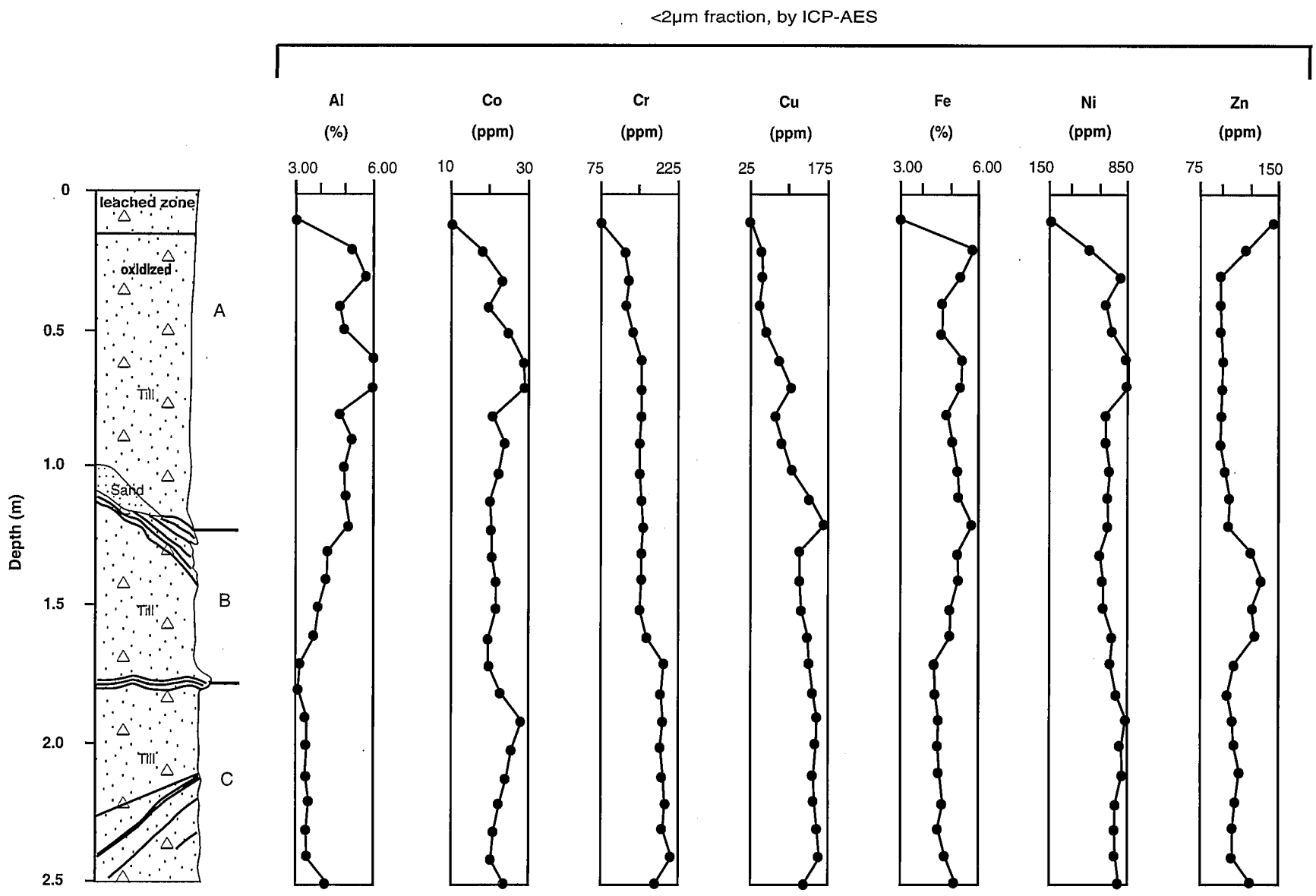


Figure 8d. Geochemical profile through Mosher Lake section.

Lake to Reed Lake (Groom, 1989; Henderson and Campbell, 1992; McMartin, 1994c; Nielsen, 1993). These deposits occur as discontinuous elongated terraces and ridges concentrated in topographically low areas but forming positive low relief features. They are composed of moderately well sorted cross-bedded sands, with minor pebbles and cobbles, commonly deformed and faulted, and interlayered with diamictic units of variable thicknesses. In the down current direction and within short distances, the coarse facies grade into laminated fine grained sediments. The whole sequence is capped either with laminated fine grained sediments, nearshore sand and gravel or diamictic material. These deposits are interpreted to be a series of longitudinally overlapping subaqueous outwash fans formed at or near the retreating ice front as meltwater flowed from subglacial conduits into Lake Agassiz (Groom, 1989; Henderson, 1995a, 1995b; McMartin, 1994c; Rust and Romanelli, 1975).

The diamictic units within the stratified sequences are relatively clast poor, non calcareous to weakly calcareous, and commonly associated with sandy units below or above. These sediments are interpreted to be debris flows based on texture, sedimentary structures, and stratigraphic relationships. Where they are thick and occur on surface, it is extremely difficult to differentiate these diamictons from the tills.

Glaciolacustrine deposits

Fine grained glaciolacustrine sediments deposited in glacial Lake Agassiz occur at all elevations in the area, draping topographic highs and filling topographic lows. They consist of laminated silt, clay and minor sand, commonly massive in the upper metre. The thickness of the deposits generally increases from west to east, ranging from a discontinuous veneer to several tens of metres. The thickest deposits occur in low lying areas across the Paleozoic terrane, and within a large north-south trending belt east of Hargrave Lake, masking the topography of both Shield and Paleozoic terranes with up to 45 m of sediments. In these areas, thick deposits form planar surfaces that are poorly drained and mantled with peat.

Nearshore and littoral deposits are composed of relatively well sorted and stratified sand and

pebble gravel reworked from the underlying glacial or glaciofluvial sediments. These deposits formed as lake levels dropped and glacial Lake Agassiz drained. Nearshore deposits occur as blankets of sand grading basinward into finer sediments. They are commonly found in the vicinity of glaciofluvial deposits. Well developed beaches are common on the Paleozoic terrane and occur as low ridges of gravel, sand, and bedrock rubble (McMartin, 1996). Nearly continuous flights of shingle beaches occur along dolomitic plateaus in the southeast of the area, and both isolated or continuous ridges occur along Highway 6 (sandy facies) and along the west facing slope of The Pas Moraine (pebbly facies). On the Shield, segments of weakly developed beaches, lag deposits and wave-washed till occur on the sides of bedrock hills.

Holocene deposits

Alluvial deposits are composed of calcareous silt, sand and gravel, up to 35 m thick, and occur in the drainageway of the Saskatchewan River, mainly as floodplain and deltaic sediments. These deposits occur in the southern part of the project area, west of Cumberland Lake, south of Rocky Lake, and between Clearwater Lake and North Moose Lake.

Organic deposits, including fen peat and bog peat, form extensive deposits on low-lying poorly drained areas of the Paleozoic terrane, overlying fine grained calcareous till, offshore glaciolacustrine deposits, and alluvial floodplain deposits. Permafrost is present discontinuously in peat plateaus and isolated palsa.

METHODOLOGY

Field procedures

As part of the NATMAP project, field work was carried out during the summers of 1991 through 1995. Major field seasons were conducted in 1992-93-94, for approximately 2 months each year. Field activities consisted mainly of surficial geology mapping, till sampling, detailed mapping of ice flow indicators, and stratigraphic studies. Access was by truck, all-terrain vehicles, and by boat. In addition, air support was required in non-accessible areas, mainly by helicopter on the Paleozoic cover and floatplane to lakes on the Precambrian terrane. Nearly 2500 sites were described

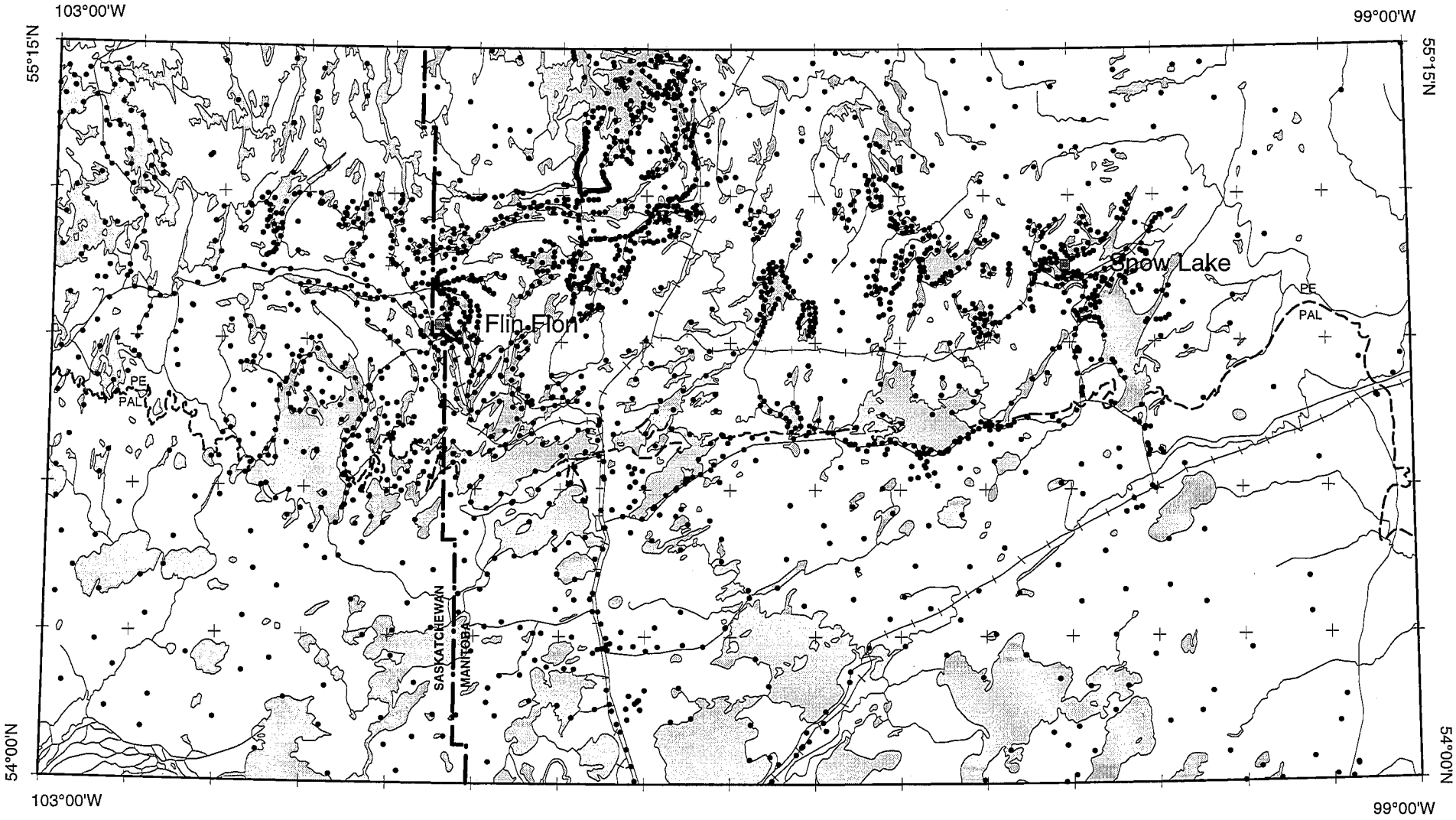
(Appendix I).

Sample density of about 1-2 samples per 100 km^2 (average sample spacing of 8 to 10 km) was increased to 3 to 4 samples per 100 km^2 in areas of road and trail access, and along shorelines (average spacing of 2 to 5 km). A total of 2536 till and other diamicton samples have been collected in the project area since 1984 (Fig. 9), including 1771 samples since 1991. Table 1 summarizes the sampling strategies for regional and detailed surveys undertaken in the project area since 1984. An effort was made to standardize sampling between the different surveys by collecting till samples in the upper C horizon of soils, at approximately 1 m depth. Sample description and stratigraphic relationships at the sample site are listed in Appendices III and IV. At most sites, 3 sub-samples were collected: 1) a 10 kg bulk sample for indicator mineral analysis and/or heavy minerals; 2) a 3 kg sample for clast composition and carbonate content; and 3) a 3 kg sample for geochemistry, texture, color, and archiving. Several excavated exposures were sampled in detail to examine regional weathering profiles.

Table 1. Sampling strategies for regional and detailed surveys.

AREA	CONTRIBUTOR	NTS AREA	SAMPLE SPACING	SAMPLE CODE	NUMBER OF SAMPLES
Saskatchewan (Shield)	B. Schreiner, E. Christiansen	parts of 63L, M	average 10 km	84BSC, 84ECH	29 till
Manitoba MDA	Christine Kaszycki	63N/1 to N/4	average 7 to 8 km	86KDA	196 till, 15 humus
The Pas-Flin Flon	E. Nielsen, H. Groom	parts of 63K	from 2 to 10 km	86NIE	73 till
Kississing Lake area	Gilles Gobert	63N/3	from 1 to 4 km	88KSN,89KSG	213 till
Snow Lake EXTECH	C. Kaszycki, E. Nielsen	63K/16, 63J/13	from 1 to 4 km	90-91KDA, 90-91SL	254 till, 146 humus
Elbow Lake	Erik Nielsen	63K/15	from 1 to 4 km	92EL	185 till, 103 humus
Naosap Lake	Erik Nielsen	63K/14	from 1 to 4 km	93NA	157 till, 157 humus
Flin Flon	Erik Nielsen	63K/13	from 1 to 4 km	94FF	144 till, 144 humus
Annabel-Amisk Lakes	Penny Henderson	63/K12,K/13,L/9,L/16	from 1 to 4 km	92-93-94HJB	361 till, 290 humus
NATMAP Shield Margin	Janet Campbell	parts of 63L,M	from 2 to 10 km	92-93-94JC	138 till, 129 humus
Iskwasum	Erik Nielsen	parts of 63K/10	from 1 to 4 km	95ISK	21 till, 21 humus
NATMAP Shield Margin	Isabelle McMartin	parts of 63J,K,L,M,N,O	from 2 to 10 km	91-92-93-94-95MOB	765 till, 634 humus

The well decomposed, dark organic part of the uppermost soil horizon (A1) was preferentially sampled for humus. Humus is composed predominantly of humic substances, which are the colloidal acidic dark residue formed by the action of microorganisms on plant litter, and dead plant material (Alloway, 1990). Mixing with the underlying soil occurs commonly in this horizon, specifically in



SAMPLE SITES (n=2536)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

Figure 9. Till and diamicton sample location map.

areas of extensive logging or forest fires, hence at some sites, both humus and mineral soil may constitute part of the humus sample. In this study, 1639 humus samples (50-100 g) were collected directly over or in an area immediately adjacent to a till sample (Fig. 10).

Other types of surficial sediment samples were collected across the project area, including mainly fine grained glaciolacustrine sediments, glaciofluvial sediments, and peat (Fig. 11). Sample descriptions are listed in Appendix III.

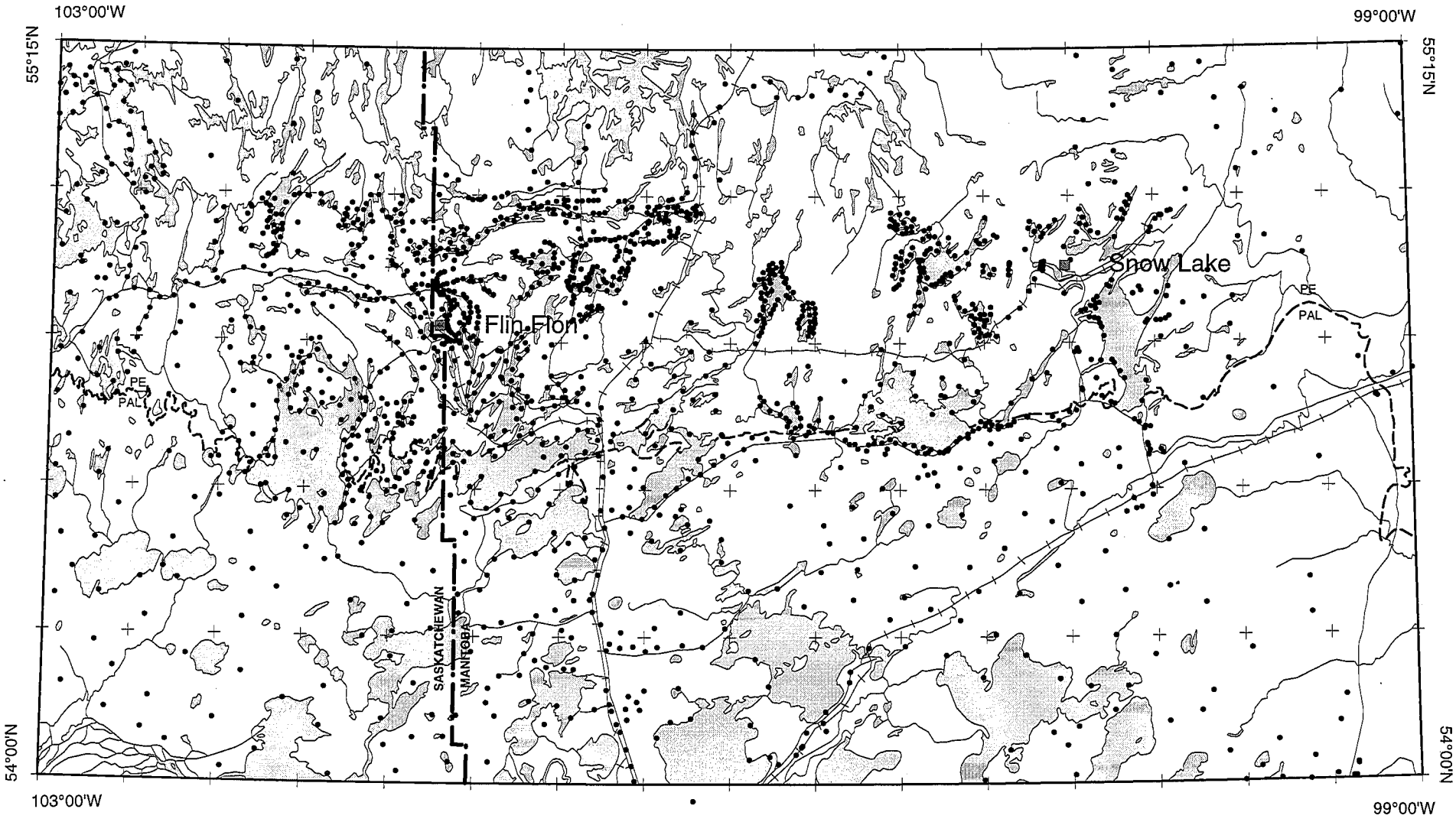
Analytical procedures

Humus samples were air-dried and sieved using a stainless steel 35 mesh screen to obtain the < 0.425 mm fraction. Geochemical analyses for a number of major and trace elements were conducted on this fraction using ICP-AES (inductively coupled plasma atomic emission spectrometry), after a hot acid leach in nitric aqua-regia solution (HCl-HNO_3, 3:1). Mercury was determined using cold-vapour atomic absorption spectrometry (CV-AAS). Humus samples collected in 1986, 1990 and 1991 were analyzed by Bondar-Clegg and Co. Ltd. Samples collected from 1992 through 1995 were analyzed by Chemex Inc. Table 2 summarizes the analytical scheme for humus samples through the different years of the project. The geochemical results for humus samples are listed in Appendix V. Concentrations of Be, Ga, Tl, U and W in humus are not reported here because the ICP-AES method is not appropriate for these elements.

Table 2. Analytical scheme for humus samples.

SAMPLE CODE	SIZE FRACTION	ANALYSIS	DIGESTION	LABORATORY
86KDA	< 2 mm	AAS (6 elements) + As (colour.)	aqua regia + multi-acid (As)	Bondar-Clegg Co.
90-91KDA, 90-91SL, 91MOB	< 177 µm	ICP-AES (24 elements) + Hg (CV-AAS)	aqua regia + multi-acid (Hg)	Bondar-Clegg Co.
92EL, 93NA, 94FF, 95ISK, 92-93-94HJB, 92-93-94JC, 92-93-94-95MOB	< 425 µm	ICP-AES (26 elements) + Hg (CV-AAS)	aqua regia	Chemex Labs

AAS - Atomic absorption spectrometry
colour. - colourimetric technique
ICP-AES - Inductively coupled plasma atomic emission spectrometry
CV-AAS - Cold vapor atomic absorption spectrometry



SAMPLE SITES (n=1639)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

Figure 10. Humus sample location map.

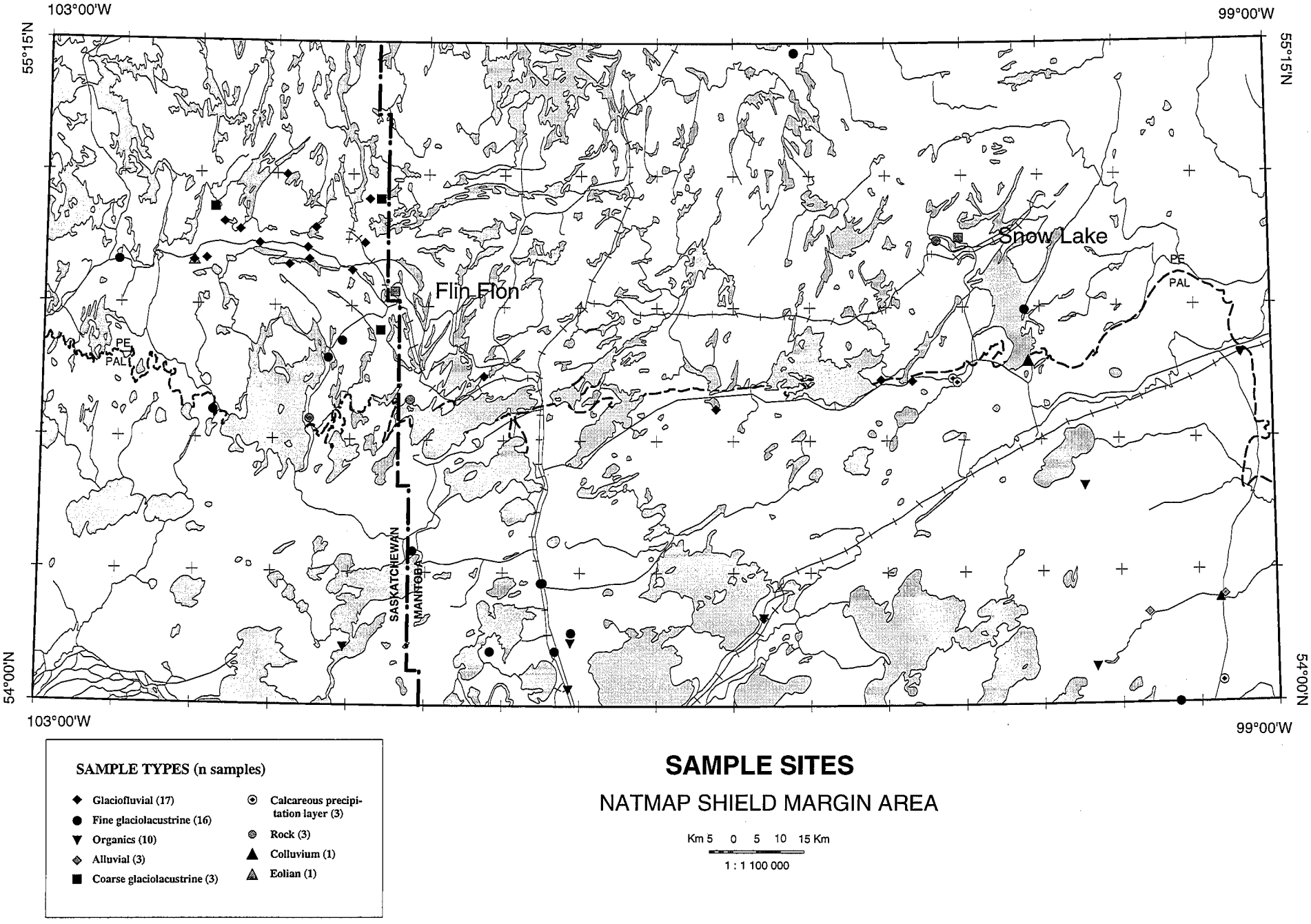


Figure 11. Sample location map, other than till and humus.

In the field, approximately one-third of a 3 kg till sub-sample was air-dried and dry sieved using a stainless steel 230 mesh screen to obtain the < 0.063 mm fraction for carbonate analysis. The remainder of the sample was wet-sieved to collect the 4-8 mm fraction for pebble counting. Approximately 300 to 500 g of material from the second 3 kg till sample was used for geochemical analysis. The clay size fraction (< 0.002 mm) was separated by centrifugation and decantation in a 5 g/l solution of sodium hexametaphosphate at the Geological Survey of Canada (Lindsay and Shilts, 1995). Similar separation methods were used on other samples at sedimentology laboratories at the Saskatchewan Research Council (84BSC and 84ECH samples) and the Manitoba Geological Survey (86NIE, 88KSN, 89KSG, 92EL, 93NA, 94FF, 95ISK samples).

Approximately 1 g of the clay-size fraction of till was analysed for a suite of trace elements using ICP-AES (inductively coupled plasma atomic emission spectrometry), following a nitric-aqua regia partial digestion. Mercury was determined using cold-vapour atomic absorption spectrometry. Till samples collected in 1984 were analysed at the Saskatchewan Research Council. Samples from 1990 and 1991 were analysed by Bondar-Clegg and Co. Ltd., and those from 1992 through 1995 by Chemex Inc. Till samples collected as part of the Canada-Manitoba Mineral Development Agreement (86KDA, 86NIE, 88KSN, 89KSG) were analysed by Bondar-Clegg and Co. Ltd. using atomic absorption techniques after a hot acid leach. For the latter samples, As was analysed using colourimetric techniques. Table 3 summarizes the analytical scheme for the clay-size fraction of till samples through the different years of the project. For a complete listing of analytical techniques, detection limits and analytical results see Appendix VI. As with the humus samples, concentrations of Be, Ga, Tl, U and W in the till samples are not reported here because detection limits with the ICP-AES method are too high.

In addition, the silt plus clay (< 0.063 mm) fraction of most till samples was analysed for total carbonate content using atomic absorption spectrometry (AAS) following digestion in 1:1 hydrochloric acid solution using the method of Ross (1986) at the Saskatchewan Research Council (84BSC, 84ECH) and at the Manitoba Geological Survey (all other samples). Samples collected in 1984, 1986 (86NIE), 1991 (91MOB) and 16 other samples were also analysed for carbonate content

Table 3. Analytical scheme for the clay-size fraction of till samples.

SAMPLE CODE	SIZE FRACTION	ANALYSIS	DIGESTION	LABORATORY
84BSC, 84ECH	< 2 µm	ICP-AES (5 elements) + AAS (3 elements)	aqua regia	Sask. Res. Council
86KDA, 86NIE, 88KSN, 89KSG	< 2 µm	AAS (11 elements) + As (colour.)	aqua regia + multi-acid (As)	Bondar-Clegg
90-91KDA, 90-91SL	< 2 µm	ICP-AES (21 elements) + Hg (CV-AAS)	aqua regia	Bondar-Clegg
91MOB	< 2 µm	ICP-AES (23 elements) + Hg (CV-AAS)	aqua regia + multi-acid (Hg)	Bondar-Clegg
92EL, 93NA, 94FF, 95ISK, 92-93-94HJB, 92-93-94JC, 92-93-94-95MOB	< 2 µm	ICP-AES (26 elements) + Hg (CV-AAS)	aqua regia	Chemex Labs

AAS - Atomic absorption spectrometry
colour. - colourimetric technique
ICP-AES - Inductively coupled plasma atomic emission spectrometry
CV-AAS - Cold vapor atomic absorption spectrometry

using a Leco induction furnace. Appendix VII contains the results of the carbonate analysis. The AAS method is designed to measure calcium and magnesium ions in the filtrate of acid-leached samples. These ions are derived from the carbonate minerals of calcite and dolomite, and from any other soluble salts which may be present in the sample. Tills derived from secondary Precambrian carbonates can therefore contain a relatively high amount of total CO_3 when analyzed by AAS as compared to analysis by LECO (equivalent % $CaCO_3$). Figure 12 illustrates the comparison of results between the two methods. At generally low carbonate content, the AAS method gives slightly higher percentages, while in moderately to highly calcareous tills, the LECO method provides higher values, with a carbonate content exceeding 100% in one sample. Since half of the project area is underlain by Precambrian lithologies, the AAS method has the advantage of recognizing the enrichment in Precambrian carbonates, by providing the calcite/dolomite ratio.

The lithologic composition of the granule fraction (4-8mm) was visually determined and counted in approximately 300 pebbles (maximum). HJB samples were weighted and the results expressed as wt % of the total sample. For the purpose of determining the relative provenance of Precambrian versus Paleozoic sources, the lithologies were divided into 3 groups: Paleozoic carbonates (mainly dolomite, dolomitic shale, chert), Paleozoic sandstones (Winnipeg Formation), and Precambrian rocks (plutonic, volcanic, metamorphic). Results are compiled in Appendix VIII.

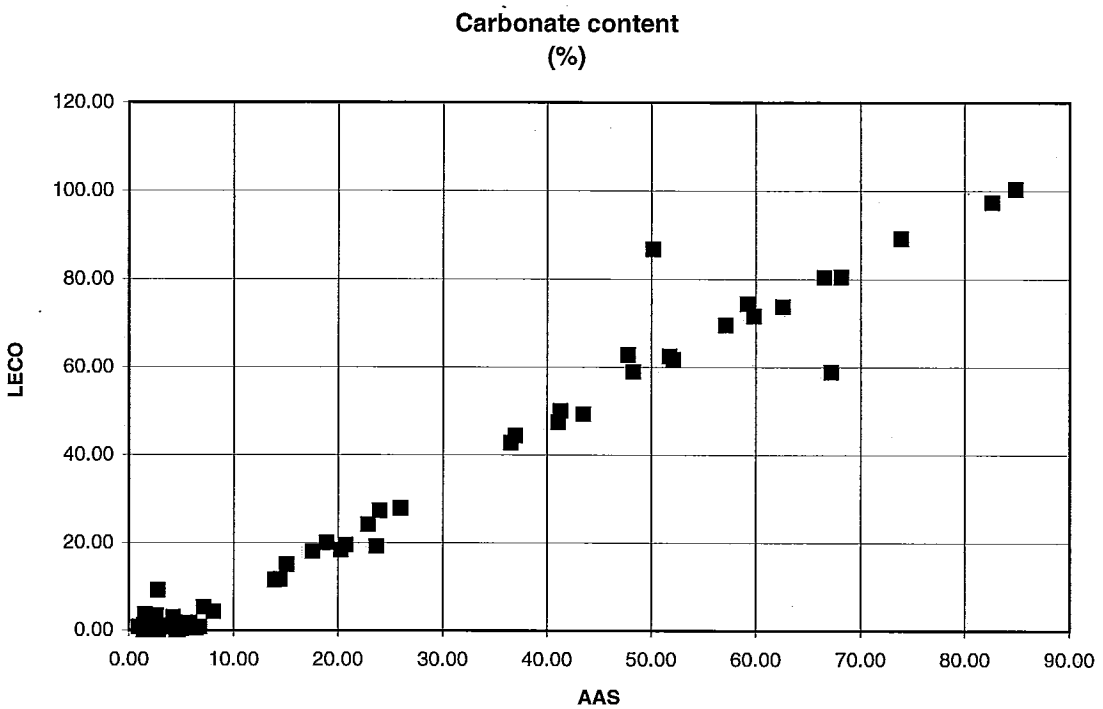


Figure 12. Comparison of carbonate content of till by AAS versus LECO (n = 89).

Approximately 500 g of the remaining material from a 3 kg till sample was used for textural analysis (sand/silt/clay ratio) (Appendix IX); the remainder of the sample was archived.

Selected bulk till samples from the Wekusko Lake area were processed for kimberlite indicator minerals (McMartin and Pringle, 1994). An additional 145 samples collected over the Paleozoic cover and in the Amisk Lake area are presently being analysed for indicator minerals. Bulk samples collected at selected sites in the Amisk Lake area were also processed for gold grain analysis (Henderson, 1995a; Henderson and Roy, 1995).

Sample preparation and analytical methods for till samples are summarized in Figure 13.

Analytical quality control

Analysis of duplicate samples and laboratory standards were used to monitor analytical

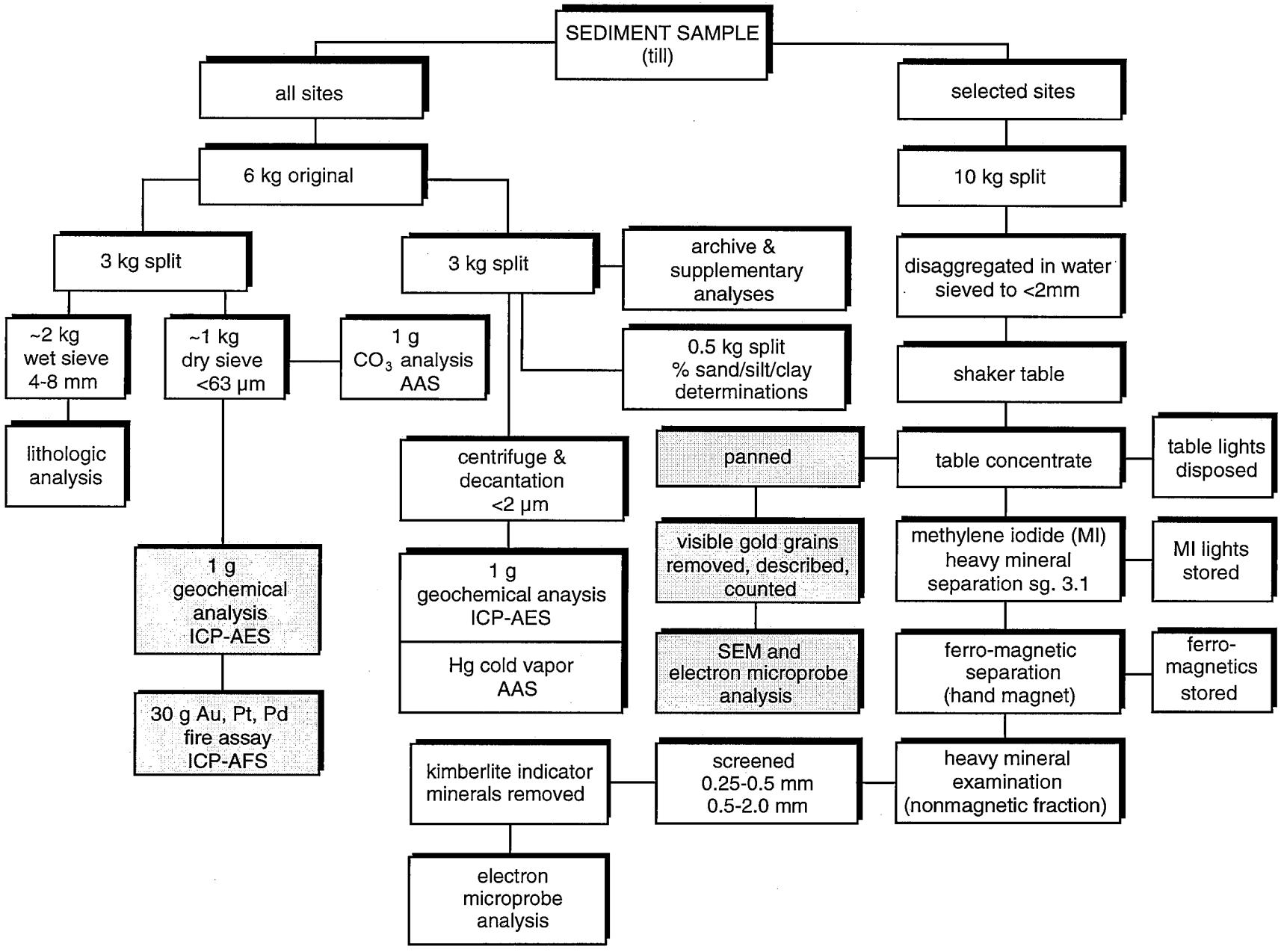


Figure 13. Flow diagram illustrating sample preparation and analyses of till samples. Shaded boxes represent analyses for HJB samples only.

accuracy and precision of geochemical results. Results are compiled in Appendix X. Accuracy was assessed by including GSC in-house control reference samples with the field samples (humus and till). The accuracy appears to be generally acceptable for all elements because the differences between the concentration provided by the laboratory and the average value of the standard sample are relatively consistent from one year to the other.

Precision has always been of greater concern than accuracy in most surficial material surveys (Garrett, 1991). Analytical repeatability was assessed by inserting duplicate samples, i.e., samples prepared from the same field sample, but submitted with different sample numbers. One duplicate in approximately 30 samples was submitted for analysis. Precision was monitored by calculating the analytical repeatability (standard error) as follows: the difference between the duplicate analysis divided by their sum, and expressed in plus or minus percent.

In humus, reproducibility of duplicate analysis was good for most elements, particularly for Al, Ca, Cu, Fe, Mg, Mn, Ni, and P (< ±5%). The ICP-AES method was relatively ineffective for Ag, Cd, Co, and Sb at low concentrations (> ±10%), but appeared to be appropriate at higher concentrations. For Bi, La, Mo, Na, Sc and Ti, reproducibility appears to be good although concentrations are generally below the detection limit. Arsenic analysis shows poor reproducibility (±23.09%), particularly at low concentrations.

Duplicate analyses of till samples are generally more precise than those of humus, with the exception of As, Bi, La, Mo, Pb and Sb. In till, the ICP-AES method was relatively insensitive to Bi (> ±10%). For Ag, Cd, La, and Mo, reproducibility appears to be good although concentrations are generally below the detection limit. As, Pb and Sb analysis show particularly poor reproducibility at low and medium concentrations, and alternative analytical methods would provide much better precision and accuracy for these elements.

GEOSPATIAL ANALYSIS

A geospatial and statistical analysis of the analytical data is presented in Appendices XI

through XV. The results of analyses for glacial sediment samples, consisting mainly of till, minor flow till, and slightly reworked and/or oxidized diamictons, were used for the regional distribution maps and statistics. Samples interpreted as glaciofluvial and glaciolacustrine were excluded. Plotted variables include grain size distribution (Appendix XI), carbonate content (Appendix XII), lithology (Appendix XIII) and geochemistry (Appendix XIV). The humus geochemistry (ICP-AES only) is plotted and analysed statistically in Appendix XV.

The distribution maps are intended to show the regional trends of the texture, mineralogy, lithology and geochemistry, using dot sizes proportional to concentrations, and to highlight areas defined by anomalous trace element concentrations, in an attempt to identify mineralized zones. To define background and anomalous values, basic statistics, histograms and cumulative probability plots have been calculated for each dataset used, treating the entire dataset as one sample population. Only three datasets were subdivided in subpopulations: 1) the grain size data (Appendix XI) was split on the basis of sediment type (till and diamicton), and statistics computed for each subpopulation; 2) the till lithology data was subdivided between the two methods of determination (counting and weighting); and 3) the till geochemistry was subdivided on the basis of the analytical method (AAS and ICP-AES), and statistics calculated separately (Appendix XIV).

Intervals were defined by natural breaks suggested in cumulative probability plots, and by variations in data distribution provided by frequency histograms and frequency curves. Where two datasets were plotted together (ex.: Zn by AAS and Zn by ICP-AES), the intervals were defined independently from one another. In the geochemical maps, high values exceeding the 95th percentile and, if applicable, low values (< 5th percentile) potentially indicate mineralization or depletion associated with mineralization. Base metal anomalies based on the 95th percentile may be over-represented over greenstone belts, characterized by high background concentrations, and should be carefully interpreted. However, because the geochemical sampling program was conducted at a reconnaissance scale, each sample is considered to be independent of every other and, therefore, significant (or insignificant) in its own right.

The following discussion summarizes regional trends observed in the distribution maps of till and humus datasets.

Till composition

Three major factors influence till composition in the project area: 1) composition and nature of underlying bedrock, 2) distance and direction of glacial transport, and 3) surface weathering environment. The effects of surface weathering can be minimized by sampling C-horizon material, defined as the soil horizon below the zone of maximum B-horizon development (Kaszycki et al., 1996). The first two factors will be discussed in the sections below.

Several exposures were sampled in detail to assess regional weathering profiles in calcareous and non-calcareous tills. In sandy non-calcareous shield derived tills, the upper C-horizon occurs generally below 60 cm depth or lower (Fig. 14a). In the B-horizon, most elements are depleted relative to the underlying C-horizon. Kaszycki et al. (1996) have suggested that in northern Manitoba, the degree of postglacial soil development has been insufficient to produce a classical podzolic B-horizon, characterized by an increase in clay content, Fe- and Mn- hydroxides and associated illuviated materials. In silty to silty-sandy calcareous tills, the depth of carbonate leaching may vary from 20 cm to 60 cm (Fig. 14b), and exceed 2 to 3 m in sandy calcareous tills (Kaszycki, 1989; Kaszycki et al., 1996). In the leached zone, most trace elements are slightly enriched, compared to the underlying sediment, with the exception of Ca, Mg and Sr (Fig. 14b). Below the zone of carbonate leaching, the carbonate is reprecipitated, and Ca, Mg, Sr and total carbonate content have higher concentrations than the overlying and underlying till. In this transition zone, most metals are slightly depleted, compared to the underlying till, although Kaszycki et al. (1996) have found in sandy tills that metals insoluble under alkaline conditions (Zn and Cu) are reprecipitated with the carbonate in this zone. In all cases, for the purpose of geochemical exploration, non-calcareous tills should be sampled below the B-horizon, whereas calcareous tills should be sampled below the depth of carbonate leaching and/or precipitation zone.

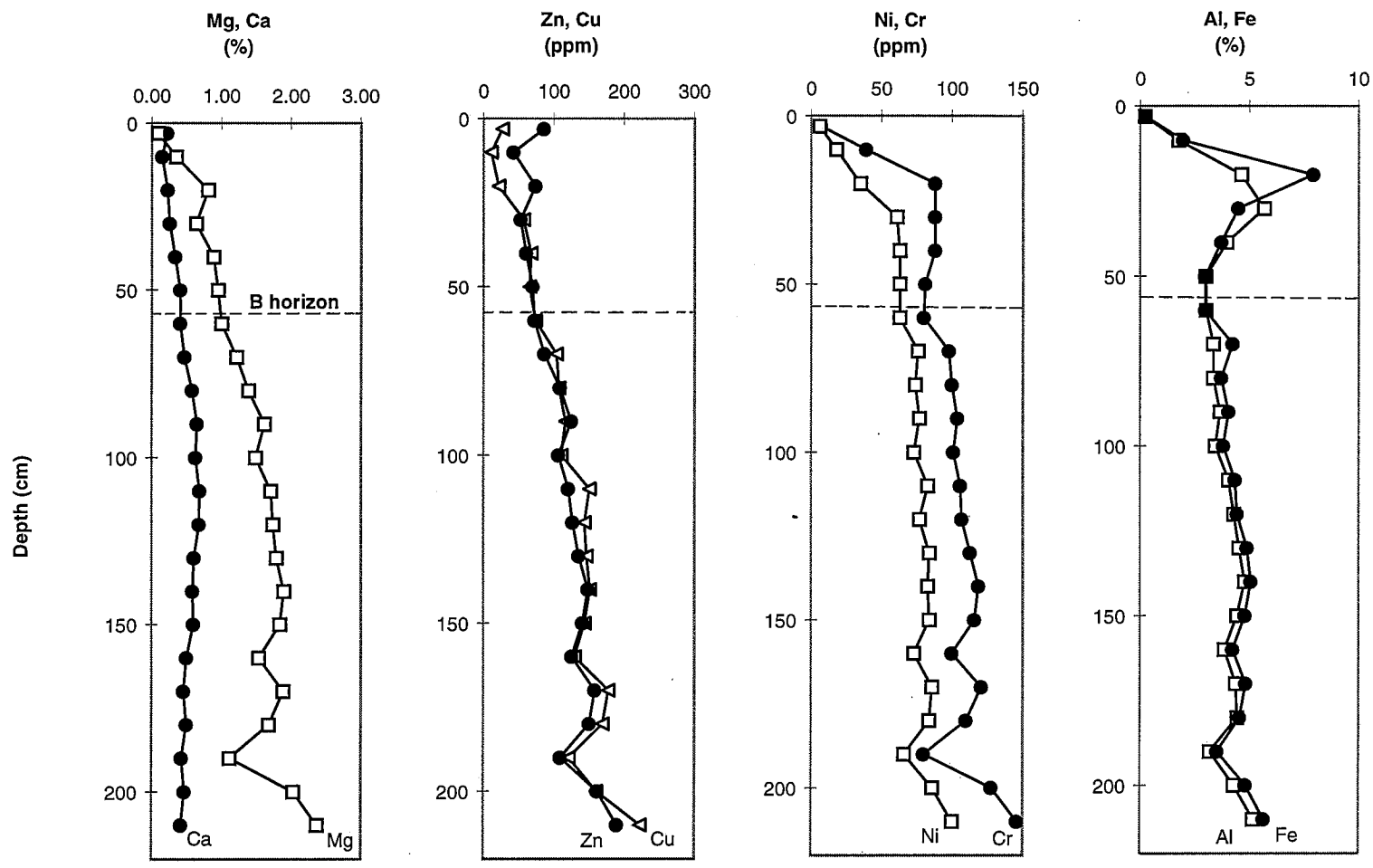


Figure 14a. Geochemical profile in non-calcareous till (samples 93NA100-10 to 93NA100-210).

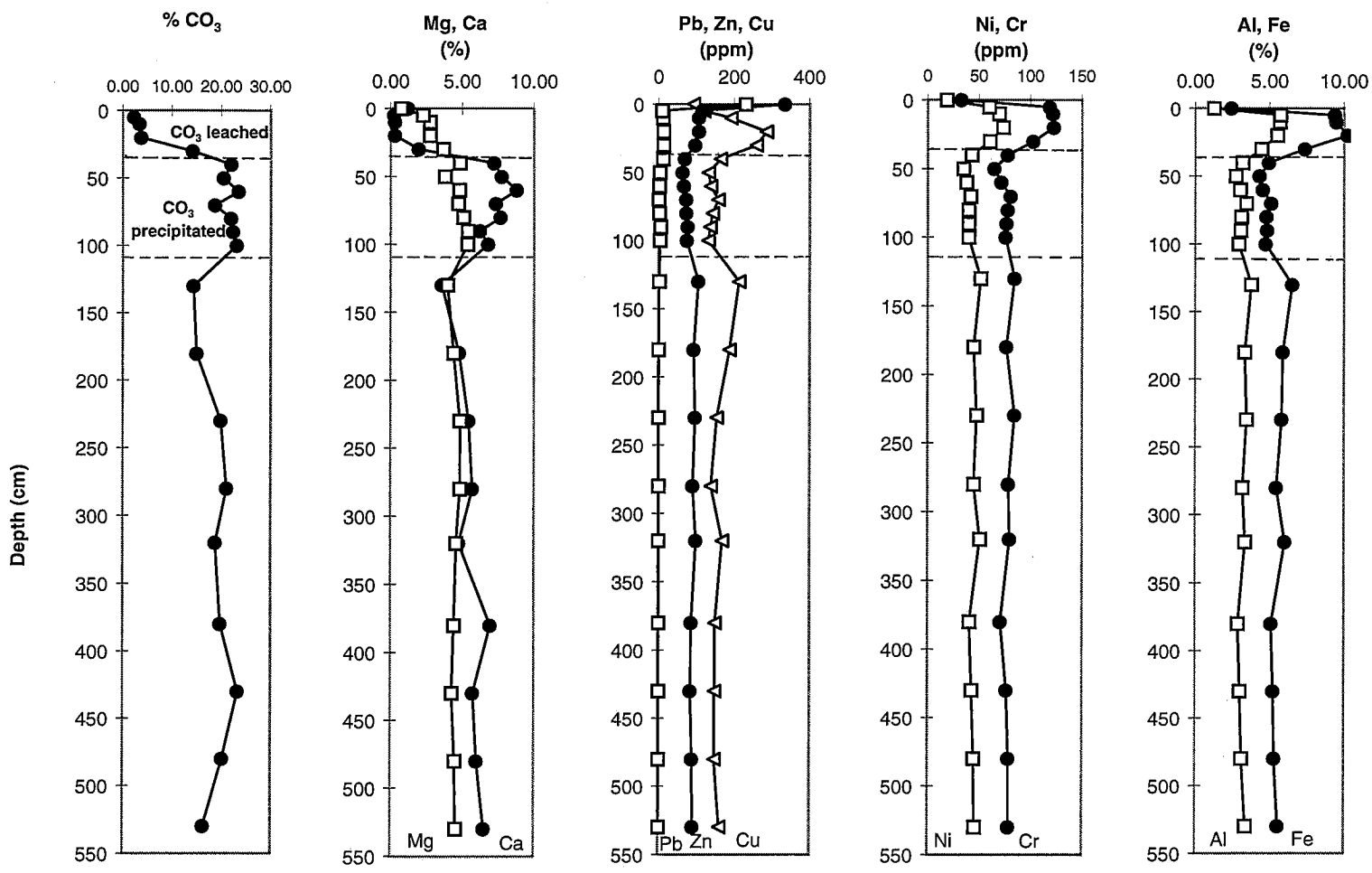


Figure 14b. Geochemical profile in calcareous till (site MOB930162).

Grain size distribution

Maps showing the regional distribution and relevant statistics of the clay, silt and sand contents of the glacial sediments are presented in Appendix XI. To assess the regional variations in texture between the different types of glacial sediments, the grain size dataset was divided in two subpopulations (till and diamicton), as interpreted in Appendix III. Diamictons include flow till, deposited by ice as gravity sediment flows, and undifferentiated glacial diamictons. Till is defined as material deposited directly by ice.

Regional variations between the texture of till and diamicton is not significant. Diamictons are slightly more sandy than tills, although most of the sediment samples recognized as diamicton were collected in the Annabel Lake-Amisk Lake area (HJB samples), where the diamictons are closely associated with sandy ice-contact deposits.

Tills and diamictons derived from Shield rocks are sandy, achieving sand contents of up to 90% (average at 50% for tills and 56% for diamictons). Clearly the most significant variation in the texture of the glacial sediments is illustrated by the clay content (cf. Appendix XI). In a zone that closely corresponds to the area that was influenced by the Keewatin ice southwesterly readvance (Fig. 7d), surface tills and diamictons west of The Pas Moraine have a higher clay content compared to the regional tills. This clay enrichment is interpreted to be the result of clay incorporation during the readvance into glacial Lake Agassiz.

Clast composition

The distribution and statistics for the various pebble lithologies are shown in Appendix XIII. The distribution of Precambrian clasts is characterized by two distinct zones (Fig. 15). The first zone shows a very high Precambrian clast content over Precambrian bedrock (mode at 100%); and the second shows a variable Precambrian clast content over Paleozoic rocks, decreasing towards the south-southwest in the predominant direction of Keewatin ice flow (mode at 10%). On the Paleozoic cover, the relative proportion of Shield lithologies in till can be used to assess glacial transport because the Paleozoic/Precambrian contact is oriented perpendicular to ice flow direction

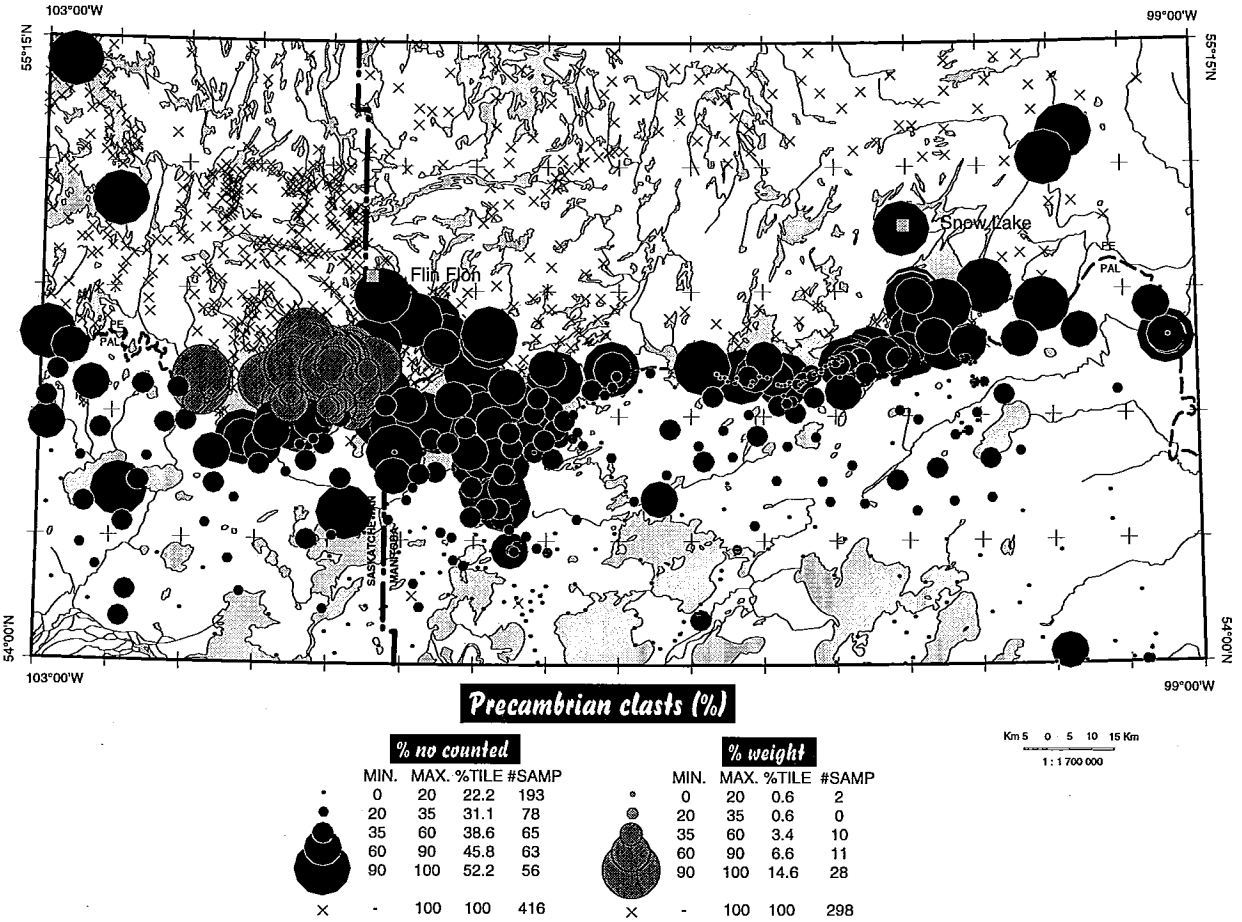


Figure 15. Precambrian clast distribution in till (4-8 mm).

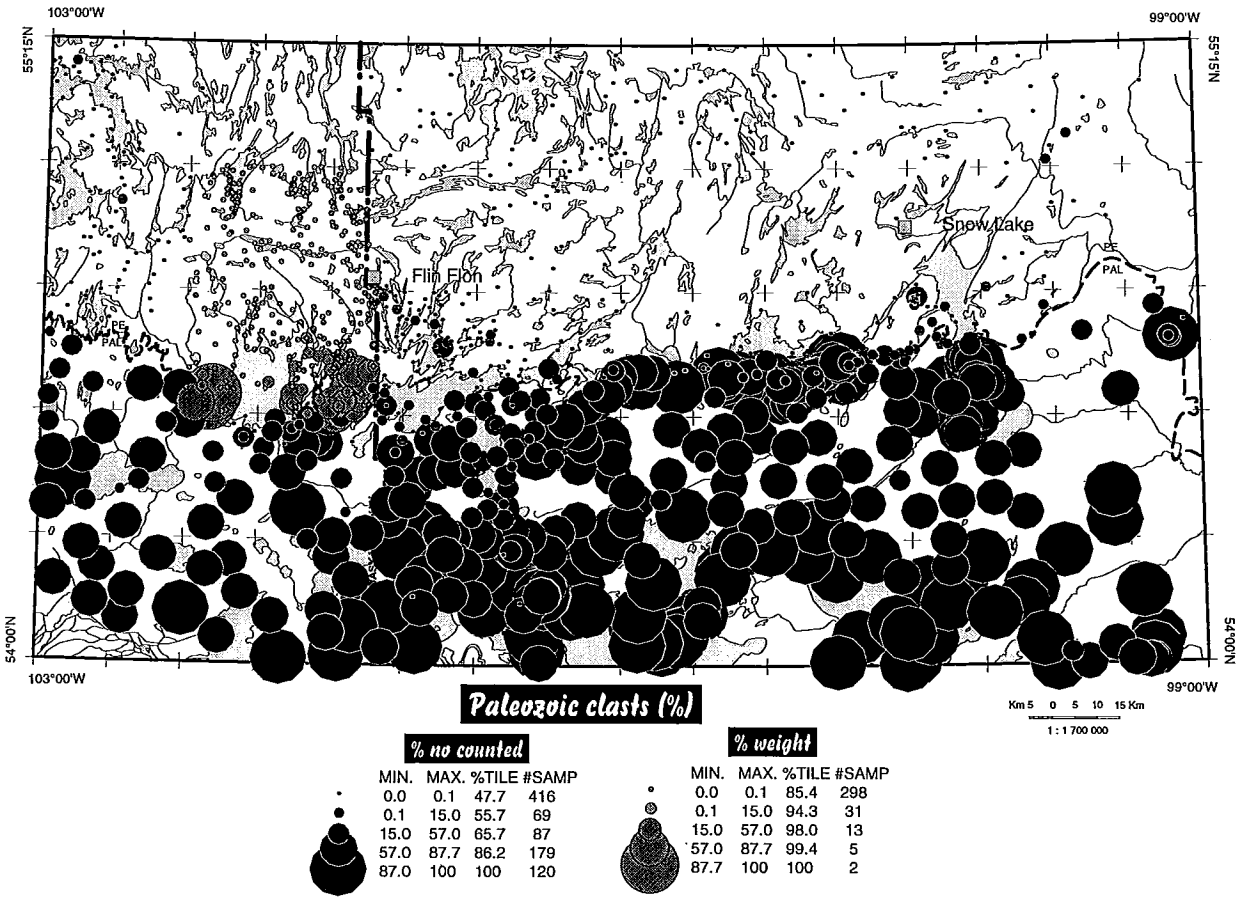


Figure 16. Paleozoic clast distribution in till (4-8 mm).

(both for Keewatin and Hudson ice). The south-southwestward dispersal of Precambrian debris over the Paleozoic cover resulted from the continuous erosion and rapid incorporation of carbonate debris, resulting in the deposition of tills with progressively diluted Precambrian content. The decrease in the Precambrian component is exponential and concentrations reach background values (< 20%) after less than 20 km of glacial transport (Fig. 15).

The Paleozoic clast content is the mirror image of the Precambrian content (Fig. 16). The Paleozoic component generally increases towards the southern edge of the map area, even within the zone of influence of Hudson ice. In that zone, the Paleozoic component does not increase from the shield margin in the direction of glacial transport (WSW), but generally increases from the shield margin towards the southwest. In the area south of Reed Lake, the local component is high, with a Paleozoic clast content of 100% in a few samples. The regional southwesterly increase in Paleozoic clast content south of the shield margin in Hudson lobe tills may be due to the recycling of previously deposited Keewatin lobe tills (S to SSW transport), the presence of thick till having a more distal provenance in this area, or a difference in ice dynamics at the base of Hudson ice. This latter case supposes entrainment and transport of debris derived from Paleozoic rocks in the Hudson Bay area with little or no dilution in the down ice direction, and lateral variations parallel to ice flow direction, similar to what occurs under an ice stream (Clayton et al., 1985). The presence of calcareous tills over Churchill-Superior Boundary rocks, up-ice from local Paleozoic carbonate rocks, suggests a distal carbonate component from the Hudson Bay Lowlands superimposed on locally derived carbonate sources for tills deposited east of The Pas Moraine.

Several outcrops of the Winnipeg Formation are found along the shield margin, and Paleozoic sandstones proved to be reliable indicators of glacial transport. Immediately west of Simonhouse Lake, a dispersal train of Paleozoic sandstone clasts is associated with the readvance of Keewatin ice to the southwest (Fig. 17). The dispersal train is elongated southwesterly and extends as far south as Namew Lake, 50 km from an unmapped source in the Cranberry Portage area. The till in this area is also slightly enriched in Precambrian debris compared to the till unit deposited by the predominant ice flow direction (Fig. 15). The length of the sandstone dispersal train suggests

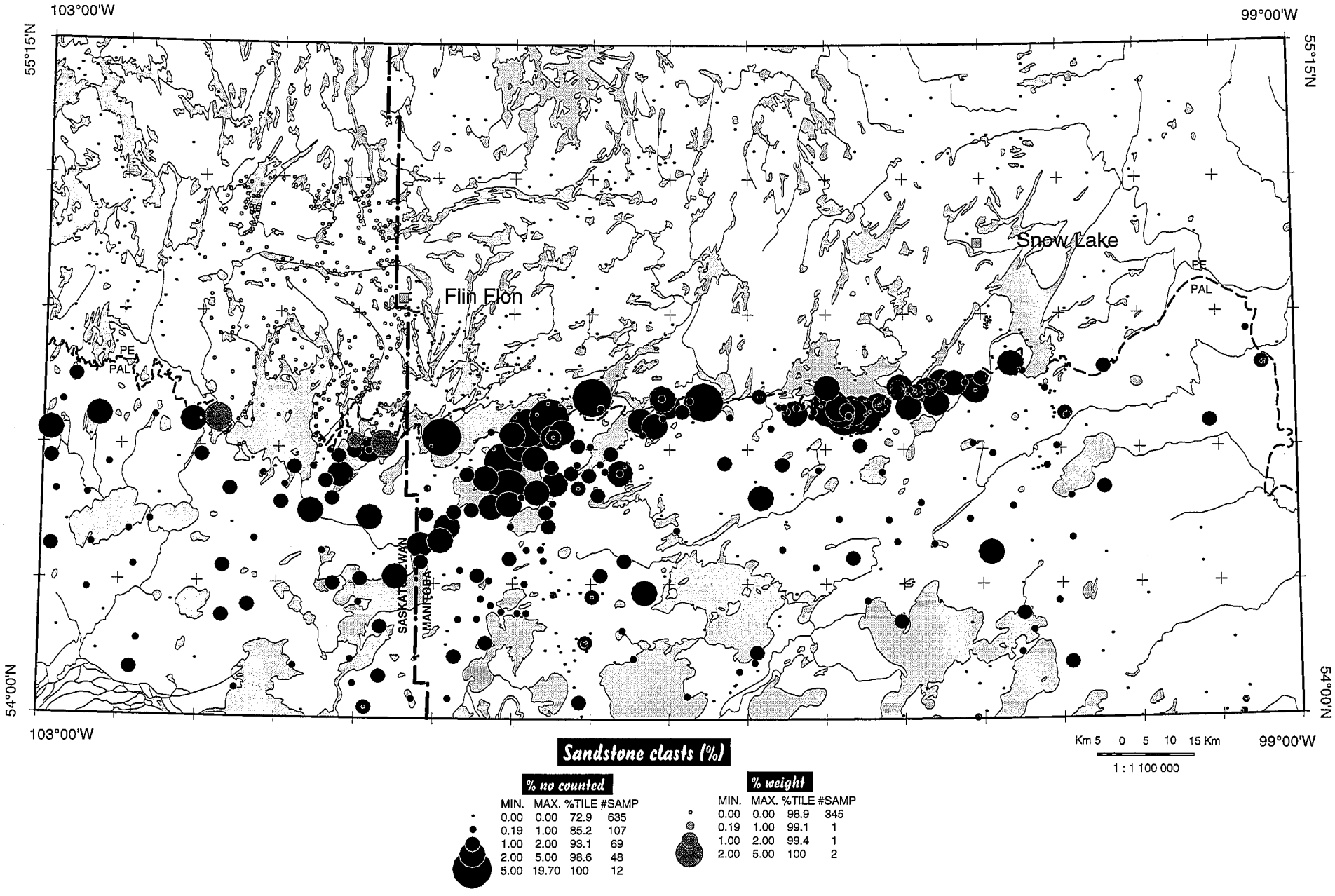


Figure 17. Paleozoic sandstone clasts distribution in till (4-8 mm).

a generally more distal provenance for the readvance tills, with local variations in debris incorporation depending on the nature of the underlying substrate (till, clay, or bedrock).

Carbonate dispersal from Paleozoic outliers were used to define glacial transport direction and distances over the Shield. These dispersal trains are elongated in the direction of the predominant ice flow toward the south-southwest. Detailed sampling and boulder tracing of Paleozoic carbonate erratics in the Loonhead Lake area has documented a carbonate dispersal train trending at approximately 185° from a Paleozoic carbonate outlier at Limestone Point Lake (Nielsen, 1992), and extending over 30 km from the source (Fig. 18). A carbonate dispersal train oriented to the south-southwest (198°) was mapped near carbonate outliers south of Snow Lake (Fig. 19). Dolomitic erratics were found at less than 2 km down-ice from the outliers. In the silt plus clay fraction, carbonate content reaches background values (< 2%) within the dispersal zone. In the pebble fraction, glacial transport distances do not exceed 500 m because the till is sandy and thin. The carbonate pebbles were probably leached out, and transport distances for this fraction appear to be shorter.

Carbonate content

The regional variations in carbonate content of the till matrix reflects the Paleozoic clast distribution. The carbonate content shows three populations (Fig. 20): 1) low carbonate content over the Precambrian terrane (mode at 2%); 2) moderate to high carbonate contents on or down-ice from Paleozoic bedrock (mode at approximately 50%); and 3) low to moderate carbonate contents on or down-ice from secondary Precambrian carbonate sources, characterized by anomalously high calcite/dolomite ratios.

Over Precambrian rocks, carbonate contents in tills are generally low but not zero (Fig. 20). The AAS method, which converts the weight percent Mg and Ca ions to weight percents of dolomite and calcite, gives slightly negative values for weight percent calcite over the Shield terrane and a corresponding negative and < 1 calcite/dolomite ratio (Fig. 21). The resulting positive but low carbonate content is provided by the excess of Mg ions derived from sources other than Paleozoic

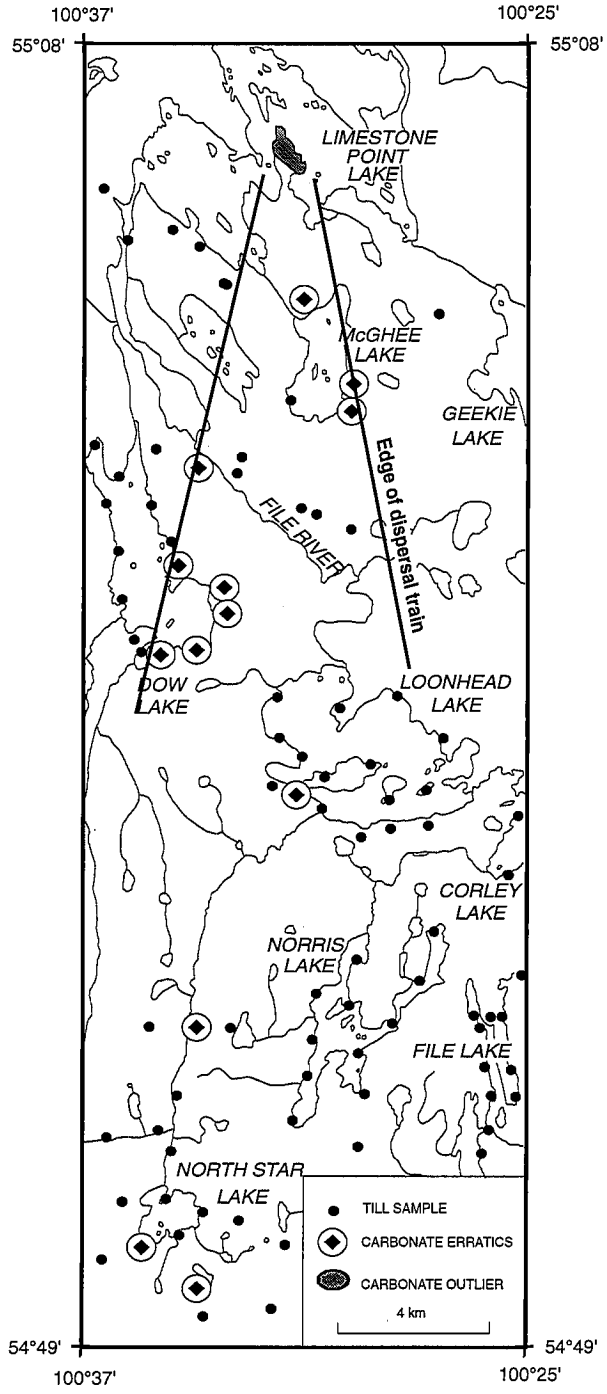


Figure 18. Carbonate dispersal train from the Paleozoic bedrock outlier at Limestone Point Lake. (modified from Nielsen, 1992)

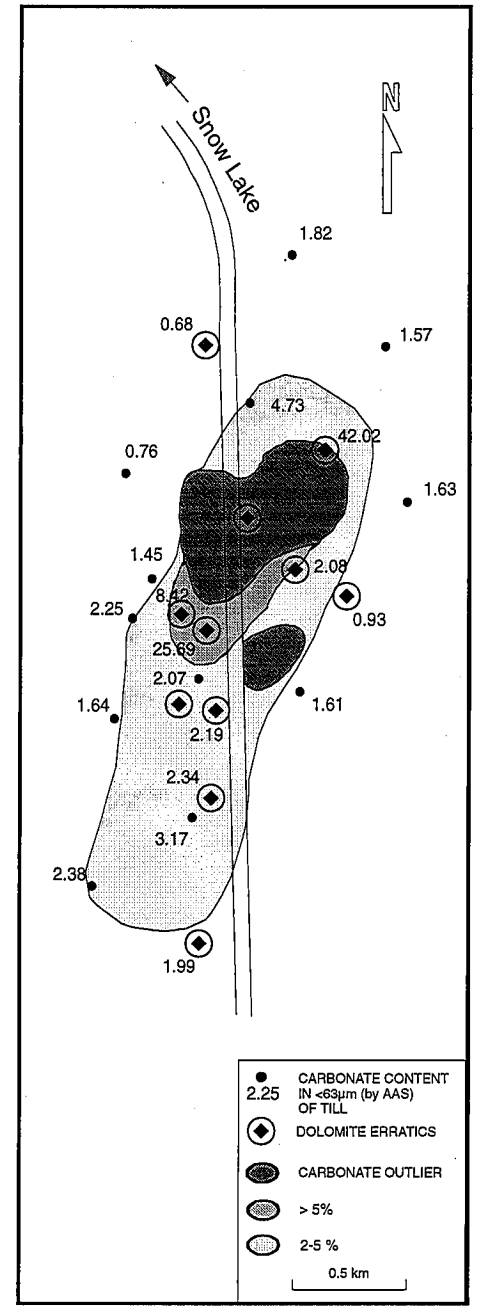


Figure 19. Carbonate dispersal train from Paleozoic carbonate outliers south of Snow Lake.

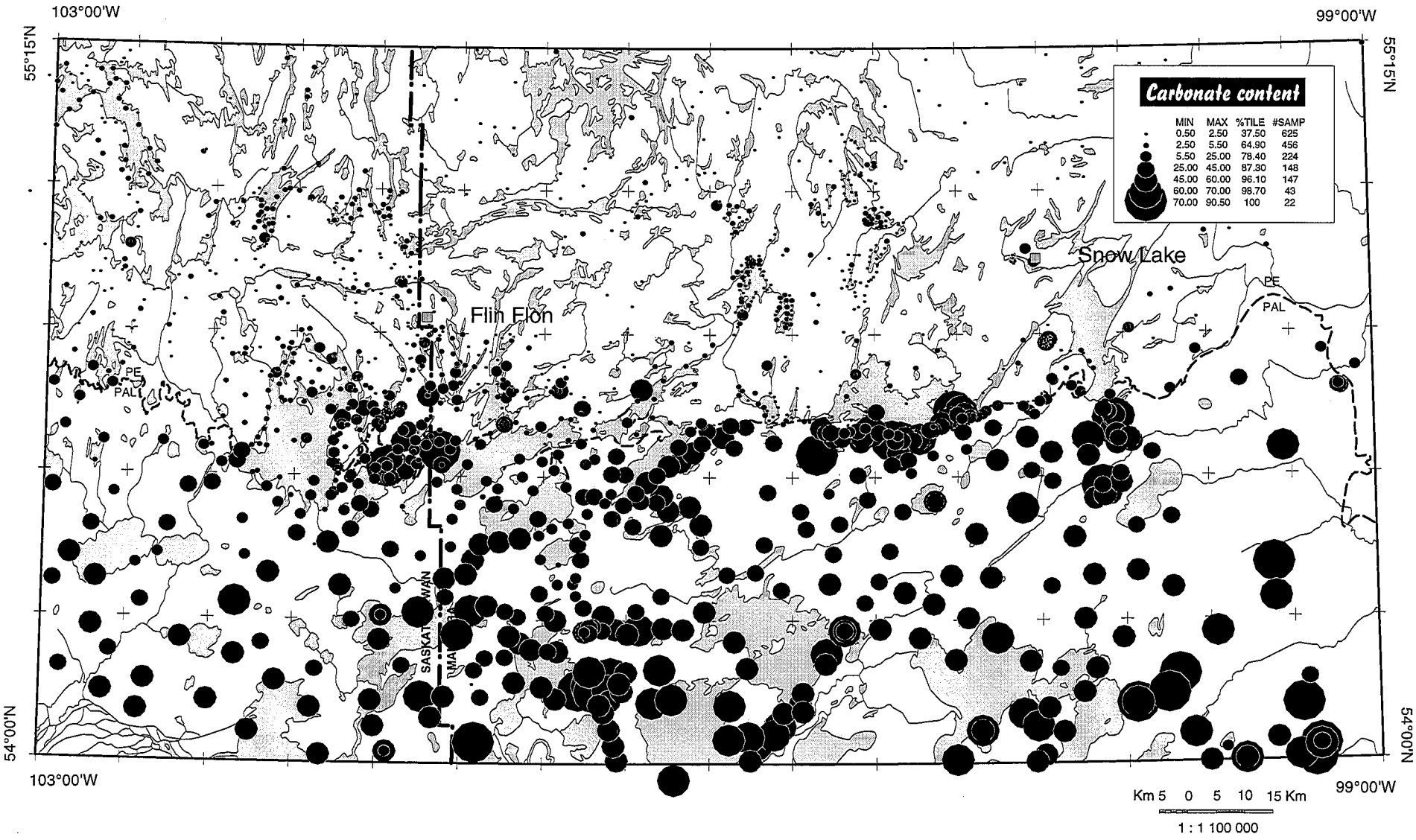


Figure 20. Total carbonate content in < 63µm fraction of till.

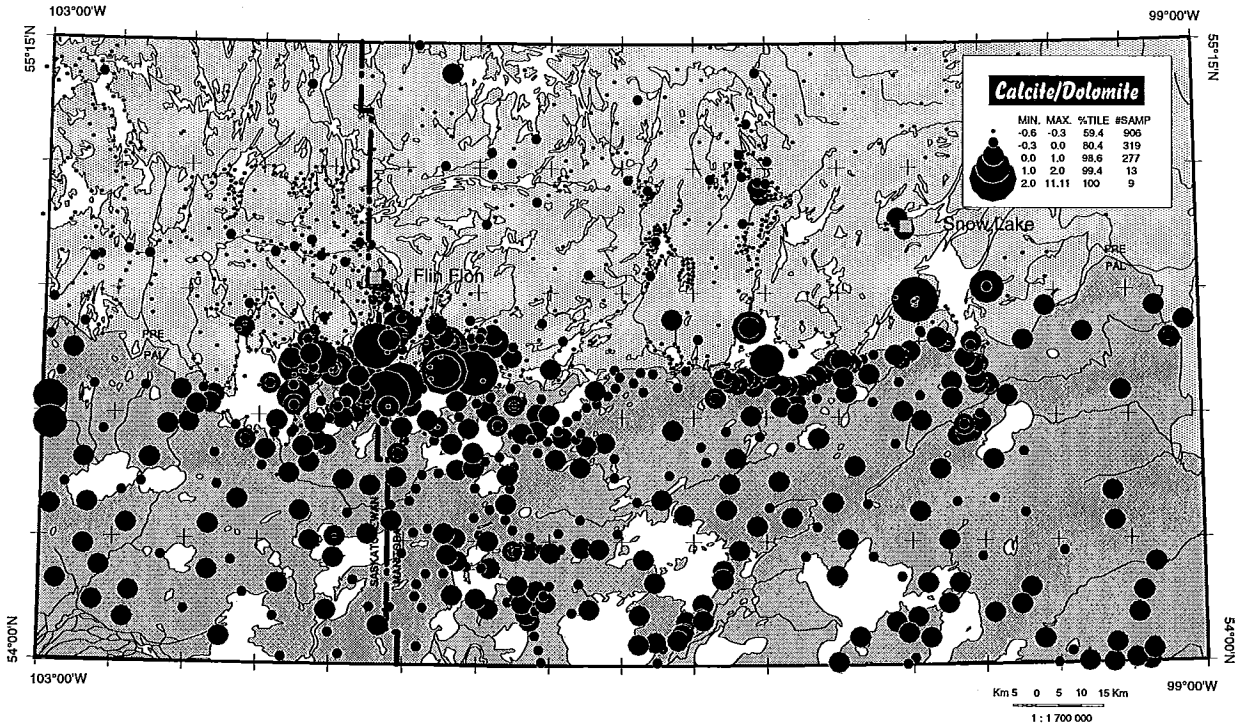


Figure 21. Map of calcite/dolomite ratio in till matrix (defined by AAS method).

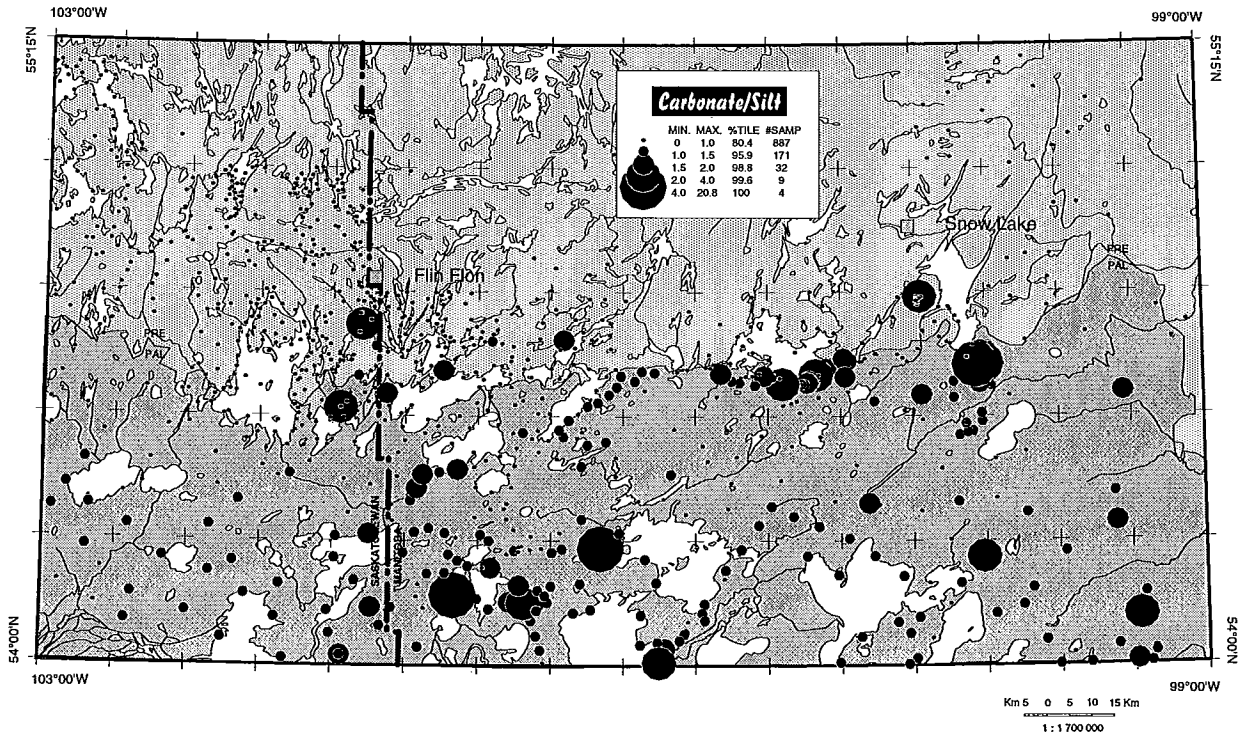


Figure 22. Map of carbonate content/silt content ratio in till.

carbonate minerals. This is illustrated by comparing the carbonate map (Fig. 20) with the map of Mg in the clay fraction of till (cf. Fig. 24 below): trends are similar.

The carbonate content increases down-ice from the shield margin, achieving concentrations in excess of 90% in some areas within 40 km of the shield margin (Fig. 20). Calcite/dolomite ratios are mostly positive but < 1%, reflecting the high dolomitic carbonate contribution (Fig. 21). As with the Paleozoic clast content, the total carbonate content increases towards the southwest, regardless of the till provenance. Because carbonate minerals are known to concentrate in the silt fraction of tills (Dreimanis and Vagners, 1971; Shilts, 1984), this pattern is better recognized when the carbonate content is normalized to the silt content (Fig. 22). As discussed in the previous section, the southwestward increase in the carbonate component may be related to different dynamics at the base of Hudson ice. South of Reed Lake in the interlobate zone and south of Wekusko Lake, the carbonate content is high regardless of the silt content, suggesting a local provenance for the surface till in these areas.

At a few sites on the Precambrian terrane where there are no known carbonate outliers, the till matrix has a moderate carbonate content, a relatively high weight percent dolomite content, and very few or no dolomitic clasts. These calcareous sediments are commonly found at the base of thick till units, that have been leached of carbonate in the upper parts of the section (Henderson and Campbell, 1994; Kazsycki et al., 1996; McMartin, 1994c; Nielsen, 1994). The carbonate is thought to have been derived from unknown or eroded outliers, or reworked from previously deposited calcareous sediments, including till deposited by westerly ice flows that crossed the area.

On the Shield, south of Flin Flon, between Amisk Lake and Cranberry Lakes, several samples have unusually high carbonate contents for the area (Fig. 20), particularly high calcite/dolomite ratios (Fig. 21) but no dolomitic clasts. The sediments have been sampled in debris flow units within subaqueous outwash sequences, or at the base of thin till units overlying bedrock. These calcareous sediments are believed to be derived from carbonate-rich Precambrian metasedimentary rocks, carbonatization resulting from pre-metamorphic alteration of the host rock, or from calcareous Lake

Agassiz sediments.

Till geochemistry

Regional geochemical trends

The regional distribution maps and statistics for the till geochemistry are shown in Appendix XIV. Summary statistics are presented in Table 4. To assess the influence of the two dominant bedrock terranes on the till geochemistry, the data was subdivided on the basis of the underlying bedrock: Paleozoic and Precambrian. Pearson linear correlation matrices were calculated with non-transformed data to show the relationships between variables (Tables 5, 6, 7). An "r" coefficient of 0.5 was arbitrarily selected to distinguish highly significant correlations from weakly significant correlations.

Based on the regional distribution maps and on summary statistics, the following generalizations can be made about tills samples over Paleozoic versus Precambrian rocks:

1) Trace element concentrations are generally lower in tills underlain by Paleozoic rocks than Precambrian rocks, except for Ca (Fig. 23), Mg (Fig. 24) and Sr (Fig. 25). High positive correlations exist between Al-Ba-Co-Cr-Cu-Fe-K-Mn-Ni-V-Zn in tills overs Paleozoic rocks. These elements are all highly negatively correlated with Ca-Mg±Sr.

2) Ca and Mg distribution maps have similar trends and Ca is highly correlated with Mg, reflecting the Paleozoic carbonate contribution (Fig. 23, 24).

3) Ca is highly correlated with Sr, but Mg and Sr are not. This suggests that the Ca-Sr association may reflect the glacial transport of Ca-Sr Precambrian carbonate rich debris, or the presence of strontianite ($SrCO_3$) and associated calcite, commonly present in cavities and veins of dolostones in Paleozoic rocks (Fig. 25) (Berry et al., 1983).

4) Associations between elements are numerous but generally weaker in tills sampled over Precambrian rocks (Table 6), because background concentrations vary significantly over the different lithologic domains.

In tills derived from Shield lithologies, regional geochemical variations reflect the relative

HUMUS GEOCHEMISTRY

Summary Statistics for Samples underlain by Paleozoic Bedrock (n = 426)

	Ag (ppm)	Al %	As (ppm)	Ba (ppm)	Ca %	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe %	Hg (ppb)	K %	La (ppm)	Mg %	Mn (ppm)	Ni (ppm)	P (ppm)	Pb (ppm)	Sb (ppm)	Sc (ppm)	Sr (ppm)	V (ppm)	Zn (ppm)
Arithmetic mean	0.16	0.61	6.08	106.53	2.24	1.34	3.77	16.60	34.98	0.73	253.09	0.13	5.94	0.65	572.46	9.06	807.54	51.51	1.42	1.25	23.95	13.54	144.35
Median	0.1	0.48	4	90	1.82	1.0	3	13	24	0.58	220	0.12	5	0.48	405	8	750	36	1	1	19	11	76
Mode	0.1	0.33	1	70	1.12	0.5	1	10	17	0.49	120	0.11	5	0.17	90	4	10	1	1	0.5	15	9	34
Minimum	0.1	0.02	1	10	0.21	0.5	0.5	1	4	0.08	10	0.01	5	0.06	5	1	10	1	1	0.5	6	1	2
Maximum	1.4	3.43	166	450	15.00	13.0	32	145	288	3.81	1240	0.56	70	4.31	4520	45	6660	372	10	9	271	63	1868

Summary Statistics for Samples underlain by Precambrian Bedrock (n = 1198)

	Ag (ppm)	Al %	As (ppm)	Ba (ppm)	Ca %	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe %	Hg (ppb)	K %	La (ppm)	Mg %	Mn (ppm)	Ni (ppm)	P (ppm)	Pb (ppm)	Sb (ppm)	Sc (ppm)	Sr (ppm)	V (ppm)	Zn (ppm)
Arithmetic mean	0.30	0.56	15.71	181.13	0.96	5.36	5.91	15.06	190.10	0.77	916.38	0.14	6.20	0.27	805.65	9.73	871.05	170.30	2.63	1.16	37.90	13.16	803.69
Median	0.1	0.43	6	150	0.74	2.0	4	11	50	0.58	320	0.13	5	0.18	396	8	890	66	1	0.5	33	10	224
Mode	0.1	0.33	1	110	0.21	0.5	1	9	11	0.40	10	0.11	5	0.08	60	6	10	28	1	0.5	19	7	54
Minimum	0.1	0.06	1	10	0.04	0.5	0.5	1	4	0.12	10	0.01	5	0.02	5	2	10	1	1	0.5	6	1	6
Maximum	7.6	5.52	558	1120	10.00	92.5	95	145	3820	6.04	100000	0.72	90	8.46	6320	169	3440	2580	22	12	246	97	10000

TILL GEOCHEMISTRY

Summary Statistics for Samples underlain by Paleozoic Bedrock (n = 449)

	Ag (ppm)	Al %	As (ppm)	Ba (ppm)	Ca %	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe %	Hg (ppb)	K %	Mg %	Mn (ppm)	Mo (ppm)	Na %	Ni (ppm)	P (ppm)	Pb (ppm)	Sb (ppm)	Sr (ppm)	V (ppm)	Zn (ppm)
Arithmetic mean	0.15	3.09	11.53	178.10	6.85	0.32	16.70	102.79	85.62	3.82	58.78	0.62	4.26	391.75	0.86	0.57	50.08	2907.50	5.62	1.83	33.97	78.33	82.42
Median	0.1	2.96	6	170	6.90	0.3	16	97	67	3.61	50	0.59	4.06	385	0.5	0.51	48	2120	4	2	31	74	80
Mode	0.1	1.56	1	170	15.00	0.3	10	97	49	3.78	50	0.48	2.31	360	0.5	0.41	48	10000	1	1	31	68	72
Minimum	0.1	0.72	1	40	0.18	0.1	1	19	15	0.91	3	0.11	1.10	120	0.5	0.17	12	1120	1	1	11	17	14
Maximum	1	7.91	308	550	15.00	1.5	63	374	418	9.39	250	2.50	9.69	1075	13.0	1.92	118	10000	38	26	183	201	282

Summary Statistics for Samples underlain by Precambrian Bedrock (n = 1341)

	Ag (ppm)	Al %	As (ppm)	Ba (ppm)	Ca %	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe %	Hg (ppb)	K %	Mg %	Mn (ppm)	Mo (ppm)	Na %	Ni (ppm)	P (ppm)	Pb (ppm)	Sb (ppm)	Sr (ppm)	V (ppm)	Zn (ppm)
Arithmetic mean	0.20	5.78	23.23	280.72	0.74	0.36	27.43	150.74	143.6	5.89	62.05	0.82	2.10	438.50	2.26	1.05	76.38	3206.35	8.34	8.34	27.67	127.39	149.39
Median	0.1	5.75	12	265	0.35	0.3	26	139	116	5.80	45	0.75	1.98	415	1.0	0.80	68	2590	6	6	21	124	122
Mode	0.1	4.63	1	210	0.35	0.3	22	111	81	5.36	50	0.45	1.73	380	0.5	0.60	74	10000	1	1	18	126	118
Minimum	0.1	0.21	1	50	0.03	0.1	1	11	18	0.18	5	0.03	0.25	65	0.5	0.03	4	250	1	1	4	5	6
Maximum	4.6	9.69	6585	1010	15.00	13.0	113	949	3274	15.00	2800	3.45	6.30	1645	35.0	8.77	1413	10000	20	20	720	458	10000

Table 4. Summary statistics for humus and till geochemistry (by ICP-AES).

TILL CORRELATION MATRIX

	Ag	Al	As	Ba	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	V	Zn
Ag	**1.0000**																						
Al	0.1957	**1.0000**																					
As	0.2094	0.1318	**1.0000**																				
Ba	0.0864	0.4188	0.1060	**1.0000**																			
Ca	-0.1407	**-0.7550**	-0.0745	-0.4138	**1.0000**																		
Cd	0.2111	0.1885	0.1957	0.1772	-0.0983	**1.0000**																	
Co	0.0716	0.3407	0.1023	0.1700	-0.4510	-0.0109	**1.0000**																
Cr	0.0661	0.2958	0.0431	0.2737	-0.3562	-0.0147	0.3946	**1.0000**															
Cu	0.1938	0.3399	0.1211	0.2161	-0.2581	0.4609	0.3564	0.1289	**1.0000**														
Fe	0.4220	**0.6852**	0.2060	0.3789	**-0.7045**	0.2348	**0.5620**	0.3912	0.4376	**1.0000**													
Hg	0.0981	0.0199	0.0463	-0.0264	-0.0343	0.2317	0.0509	-0.0083	0.1991	0.0760	**1.0000**												
K	0.0813	0.1156	0.0367	**0.6837**	-0.3320	0.0655	0.1824	0.3487	0.0999	0.3518	-0.0537	**1.0000**											
Mg	-0.1520	**-0.6412**	-0.0678	-0.3315	**0.7313**	-0.0651	-0.2459	-0.0933	-0.2115	**-0.5086**	-0.0656	-0.1510	**1.0000**										
Mn	0.0472	0.0648	0.1442	0.1861	-0.2207	0.0626	**0.6041**	0.2320	0.2588	0.4152	0.0349	0.2636	0.0425	**1.0000**									
Mo	0.4905	0.2532	0.1315	-0.0180	-0.1657	0.1216	0.1966	0.0366	0.2354	**0.5434**	0.0753	-0.0438	-0.1111	0.0945	**1.0000**								
Na	0.2069	0.3575	0.1822	0.1542	-0.3112	0.0639	0.1292	-0.0509	0.1257	0.2425	0.0307	-0.1125	-0.3421	0.0607	0.1170	**1.0000**							
Ni	0.0885	0.2618	0.0739	0.2263	-0.2909	0.0670	0.4563	0.4703	0.3152	**0.5128**	0.0157	0.1782	-0.0849	0.2995	0.1334	0.0969	**1.0000**						
P	0.1849	0.3122	0.1021	-0.1509	-0.1604	-0.0494	0.0726	0.0532	0.0754	0.1003	0.0528	-0.1905	-0.2132	-0.1239	0.2070	**0.6681**	0.0537	**1.0000**					
Pb	0.4305	0.2228	0.1255	0.0769	-0.1886	0.2364	0.0807	-0.0312	0.2038	0.4804	0.2213	0.0912	-0.1515	0.0878	**0.5676**	0.3170	0.0661	0.1245	**1.0000**				
Sb	0.2911	0.1911	0.1814	0.1216	-0.1260	0.1189	0.1044	0.0394	0.2003	0.4574	0.0608	0.0743	-0.1131	0.1180	0.4293	0.2589	0.0947	-0.0277	0.3674	**1.0000**			
Sr	0.0603	-0.3345	-0.0113	-0.0291	0.3805	-0.0042	-0.1513	-0.1342	-0.0656	-0.2046	-0.0270	-0.0122	0.0784	-0.0482	0.0098	-0.1133	-0.0880	-0.1010	0.0946	0.0661	**1.0000**		
V	0.2245	**0.6514**	0.1485	**0.5179**	**-0.6526**	0.1728	**0.5016**	0.4977	0.3458	**0.8079**	0.0194	0.4925	-0.4482	0.2778	0.3106	0.1089	0.3355	0.0856	0.2503	0.2415	-0.2144	**1.0000**	
Zn	0.0920	0.1495	0.0203	0.1423	-0.1646	**0.7903**	0.0624	0.0743	0.4222	0.1495	0.3402	0.0913	-0.1271	0.0864	0.0439	0.0347	0.0784	-0.0046	0.1323	0.0202	-0.0563	0.1462	**1.0000**

Table 5. Correlation matrix, till geochemistry: total population. Bold values represent highly significant correlations ($r > 0.5$).

TILL CORRELATION MATRIX
BEDROCK = PRECAMBRIAN

	Ag	*Al*	*As*	*Ba*	*Ca*	*Cd*	*Co*	*Cr*	*Cu*	*Fe*	*Hg*	*K*	*Mg*	*Mn*	*Mo*	*Na*	*Ni*	*P*	*Pb*	*Sb*	*Sr*	*V*	*Zn*
Ag	**1.0000**																						
Al	0.0712	**1.0000**																					
As	0.0701	0.0251	**1.0000**																				
Ba	-0.0507	0.0388	-0.0286	**1.0000**																			
Ca	-0.0333	-0.4732	-0.0379	-0.0557	**1.0000**																		
Cd	0.0201	0.0479	-0.0275	0.0633	-0.0022	**1.0000**																	
Co	-0.0482	0.1342	0.1783	-0.0140	-0.1388	-0.0724	**1.0000**																
Cr	-0.0551	0.0476	0.0851	0.1429	-0.1307	-0.0312	0.2732	**1.0000**															
Cu	0.0742	0.1413	0.1805	0.0780	-0.0309	**0.5206**	0.2852	0.0417	**1.0000**														
Fe	0.2358	0.3755	0.2548	0.0054	-0.3762	0.0784	**0.5360**	0.2127	0.2908	**1.0000**													
Hg	0.0711	-0.0110	0.1403	-0.0272	-0.0131	0.2770	0.0246	-0.0251	0.1940	0.0461	**1.0000**												
K	-0.0078	-0.2395	-0.0273	**0.6344**	-0.0682	0.0465	-0.0200	0.2383	0.0100	0.1282	-0.0680	**1.0000**											
Mg	-0.1313	-0.2306	0.0552	0.1423	0.0879	-0.0046	0.4018	**0.6083**	0.0764	0.2822	-0.0672	0.2909	**1.0000**										
Mn	-0.0629	-0.1688	0.2266	0.1276	-0.0402	-0.0057	**0.6291**	0.1563	0.2303	0.3823	0.0371	0.1893	**0.5028**	**1.0000**									
Mo	0.2482	0.1976	0.0524	-0.1584	-0.0754	0.0106	0.3137	-0.0394	0.2123	**0.5264**	0.0207	-0.1074	0.0328	0.1520	**1.0000**								
Na	0.0760	0.0211	0.0042	-0.0467	-0.0880	-0.1051	0.0496	-0.2291	-0.0577	-0.1565	0.0160	-0.2237	-0.2220	0.0178	0.0012	**1.0000**							
Ni	-0.0268	0.0237	0.0951	0.0432	-0.0864	-0.0232	0.4124	0.4592	0.2180	0.4255	0.0047	0.0800	0.4032	0.2650	0.0998	-0.0280	**1.0000**						
P	0.2700	0.4179	0.0937	-0.2747	-0.1114	-0.0671	0.0221	0.0328	0.0513	0.0987	0.0409	-0.2960	-0.2836	-0.1764	0.2252	**0.5962**	0.0339	**1.0000**					
Pb	0.1977	0.0554	0.0108	-0.0435	-0.0914	0.1730	-0.1097	-0.1620	0.0743	0.1884	0.2697	0.0473	-0.2569	-0.0588	0.3321	0.1547	-0.0654	0.1147	**1.0000**				
Sb	0.0573	-0.0251	0.0775	-0.0172	-0.0208	-0.0115	0.0675	-0.0748	0.0727	0.4615	0.0391	0.0601	-0.0175	0.0472	0.1061	0.0550	-0.0102	-0.0366	0.1216	**1.0000**			
Sr	0.0728	-0.4335	-0.0265	0.0163	**0.6859**	0.0038	-0.1426	-0.1098	-0.0300	-0.2169	-0.0238	0.0325	-0.0054	-0.0314	0.0165	-0.0839	-0.0583	-0.1047	0.1401	0.1116	**1.0000**		
V	0.0512	0.3001	0.1576	0.2838	-0.2923	0.0314	0.3593	0.3769	0.1940	**0.6141**	0.0067	0.3788	0.2311	0.1494	0.2282	-0.2614	0.1706	0.0315	0.0331	0.0730	-0.2163	**1.0000**	
Zn	0.0272	0.0354	0.0007	0.0697	-0.0444	**0.8918**	-0.0134	0.0178	0.4640	0.0512	0.3618	0.0380	0.0125	0.0501	0.0145	-0.0356	0.0272	-0.0246	0.1327	-0.0375	-0.0419	0.0448	**1.0000**

Table 6. Correlation matrix, till geochemistry: till over Precambrian bedrock. Bold values represent highly significant correlations ($r > 0.5$).

TILL CORRELATION MATRIX
BEDROCK = PALEOZOIC

	Ag	*Al*	*As*	*Ba*	*Ca*	*Cd*	*Co*	*Cr*	*Cu*	*Fe*	*Hg*	*K*	*Mg*	*Mn*	*Mo*	*Na*	*Ni*	*P*	*Pb*	*Sb*	*Sr*	*V*	*Zn*
Ag	**1.0000**																						
Al	0.2148	**1.0000**																					
As	0.0496	0.3238	**1.0000**																				
Ba	0.2236	**0.6977**	0.2190	**1.0000**																			
Ca	-0.2393	**-0.8594**	-0.2773	**-0.6444**	**1.0000**																		
Cd	-0.0276	0.0833	-0.0026	0.0352	-0.0620	**1.0000**																	
Co	0.1402	**0.7189**	0.3834	0.4036	**-0.7161**	0.0357	**1.0000**																
Cr	0.3004	**0.6721**	0.1180	**0.6537**	**-0.6183**	0.0036	**0.5205**	**1.0000**															
Cu	0.0607	**0.5163**	0.4400	0.2644	**-0.5055**	0.0144	**0.7485**	0.3198	**1.0000**														
Fe	0.2623	**0.8986**	0.4038	**0.6062**	**-0.8559**	0.0822	**0.8193**	**0.6429**	**0.6632**	**1.0000**													
Hg	0.0884	0.3109	0.2778	0.0954	-0.2913	0.0638	0.3123	0.1800	0.4281	0.3578	**1.0000**												
K	0.2346	**0.6040**	0.2072	**0.8278**	**-0.6535**	0.0508	**0.5137**	**0.6485**	0.3162	**0.6231**	0.0287	**1.0000**											
Mg	-0.2415	**-0.6312**	-0.2604	**-0.5834**	**0.6804**	0.0289	**-0.5069**	-0.4758	-0.4113	**-0.6219**	-0.3051	-0.4627	**1.0000**										
Mn	0.1440	**0.5639**	0.2745	0.3393	**-0.5532**	0.1352	**0.7033**	0.3848	**0.5223**	**0.7056**	0.1944	0.4475	-0.2306	**1.0000**									
Mo	-0.0793	-0.0220	-0.0613	-0.0782	0.0221	0.0422	-0.0452	-0.1365	-0.0206	-0.0014	-0.0872	-0.0427	0.3953	0.0867	**1.0000**								
Na	-0.0714	0.4712	0.1897	0.2247	-0.4537	0.1406	0.3676	0.2103	0.3158	0.4284	0.3511	0.1930	-0.3379	0.2828	-0.0037	**1.0000**							
Ni	0.2196	**0.7241**	0.2369	**0.5843**	**-0.6954**	0.0383	**0.6519**	**0.8345**	0.4660	**0.7490**	0.2959	**0.6162**	-0.4074	**0.5394**	0.0891	0.3287	**1.0000**						
P	-0.1392	0.2382	0.1326	0.1051	-0.2248	0.0905	0.1005	0.0219	0.1108	0.1408	0.2280	0.0514	-0.1957	0.0039	0.1725	**0.8759**	0.1144	**1.0000**					
Pb	-0.1773	0.1438	0.0014	-0.0874	-0.1260	0.1644	0.2804	-0.1290	0.0889	0.1573	-0.0451	-0.0447	0.1887	0.3295	0.3566	0.2117	0.1022	0.1754	**1.0000**				
Sb	-0.0014	0.0754	0.0339	0.0235	-0.0498	-0.0423	0.1173	0.0758	0.0439	0.0581	-0.0925	0.0192	0.0224	0.1154	0.2790	0.0069	0.1160	-0.0360	0.1670	**1.0000**			
Sr	-0.0241	-0.4358	-0.2283	-0.2165	0.4089	0.0045	-0.3453	-0.2869	-0.3263	-0.3826	-0.1260	-0.2060	0.1514	-0.3004	0.1638	-0.2444	-0.3342	-0.1005	-0.0033	0.0141	**1.0000**		
V	0.2328	**0.8708**	0.3015	**0.7058**	**-0.8185**	0.0662	**0.7478**	**0.7625**	**0.5483**	**0.9170**	0.2303	**0.7343**	**-0.6152**	**0.5975**	-0.0784	0.3548	**0.7537**	0.1124	-0.0064	0.0864	-0.3615	**1.0000**	
Zn	0.2323	**0.8022**	0.2793	**0.7521**	**-0.8133**	0.1274	**0.5773**	**0.5911**	0.4083	**0.7846**	0.1838	**0.7350**	**-0.6210**	**0.5326**	0.0141	0.3835	**0.6322**	0.1731	0.0784	0.0401	-0.3155	**0.7754**	**1.0000**

Table 7. Correlation matrix, till geochemistry: till over Paleozoic bedrock. Bold values represent highly significant correlations ($r > 0.5$).

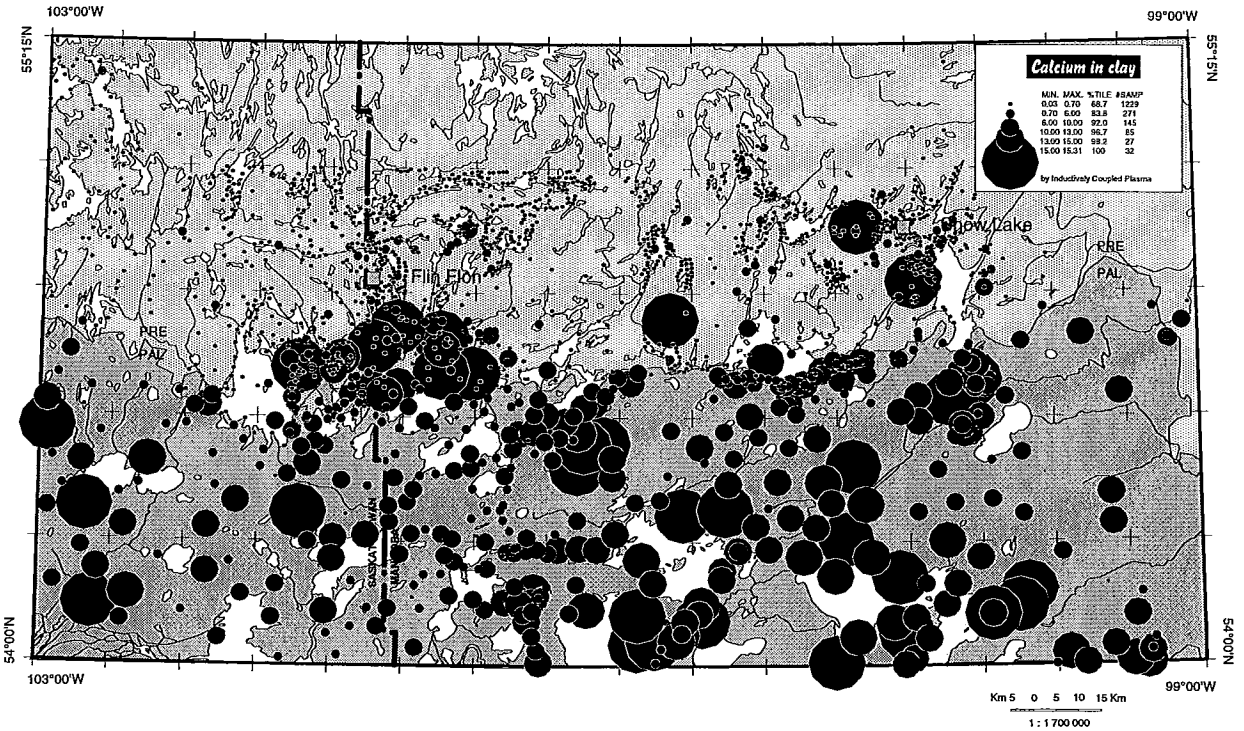


Figure 23. Map of calcium (%) in clay fraction of till (by ICP-AES).

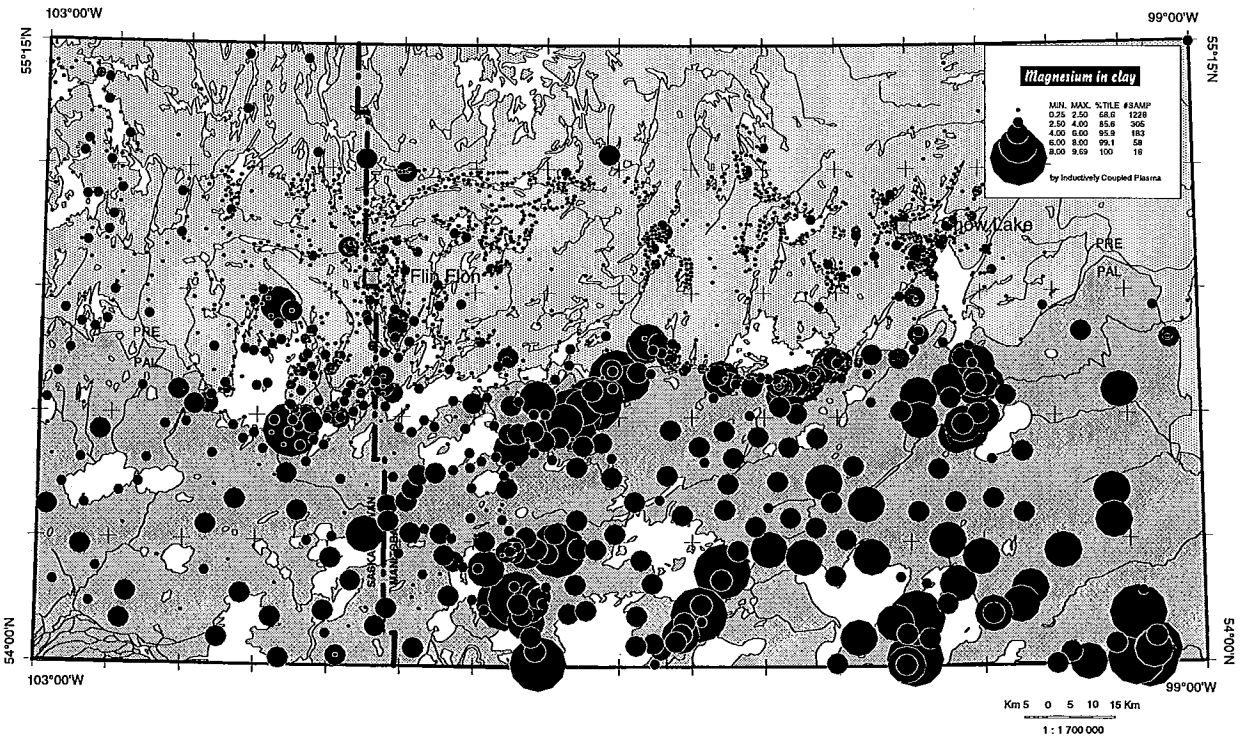
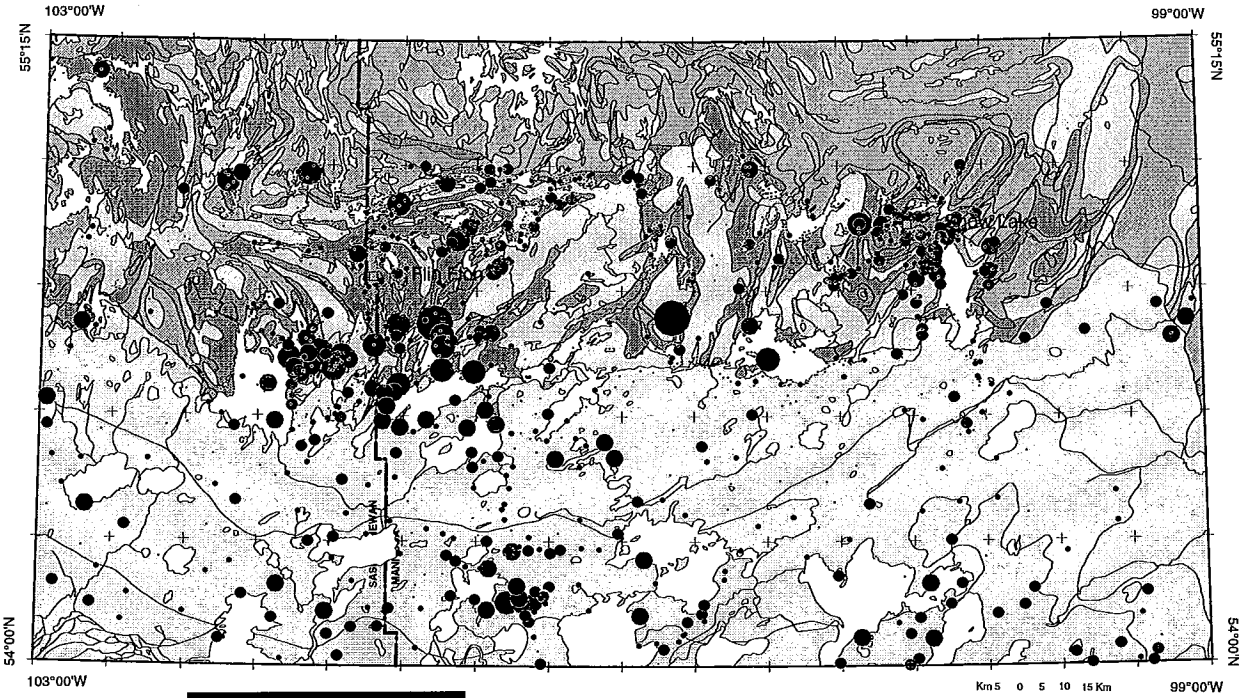


Figure 24. Map of magnesium (%) in clay fraction of till (by ICP-AES).

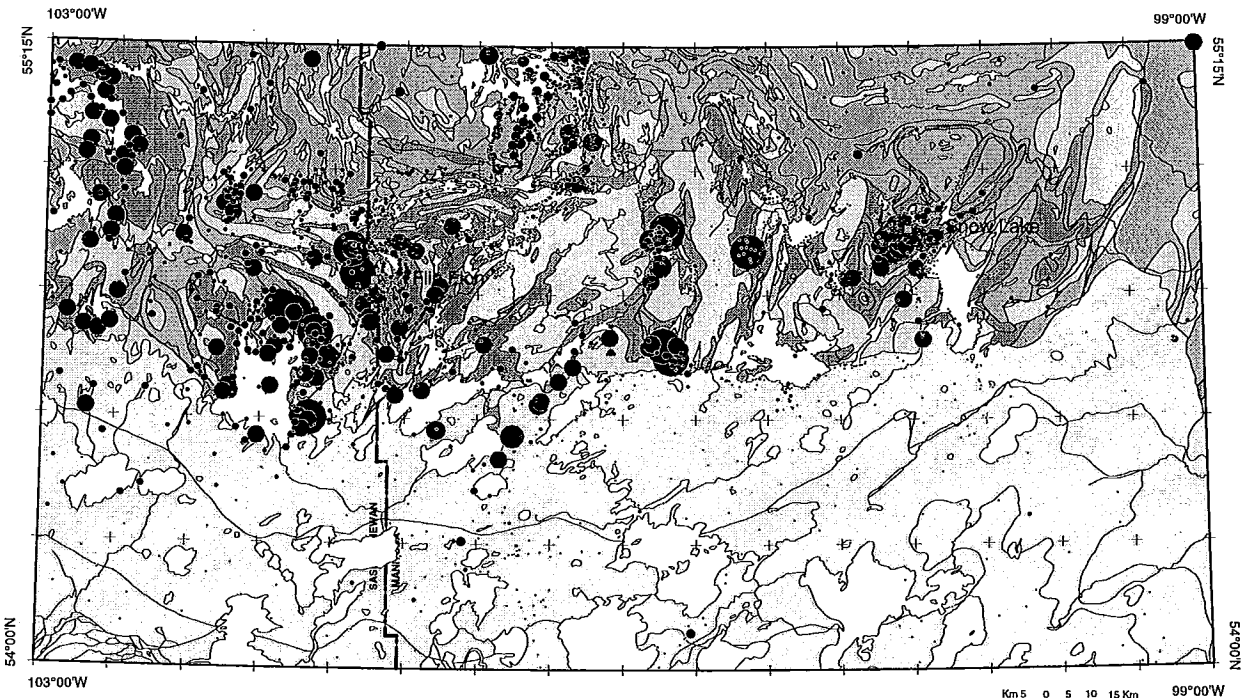


Strontium in clay

MIN.	MAX.	%TILE	#SAMP
4	30	68.8	1232
30	40	86.4	315
40	60	95.4	161
60	120	98.7	59
120	400	99.8	20
400	720	100	3

by Inductively Coupled Plasma

Figure 25. Map of strontium (ppm) in clay fraction of till.



Chromium in clay

MIN.	MAX.	%TILE	#SAMP
51	200	85.7	347
200	230	96.0	42
230	275	97.5	10
275	328	100	6

by Atomic Absorption Spectrometry

MIN.	MAX.	%TILE	#SAMP
11	140	61.2	1096
140	180	82.1	373
180	230	92.7	190
230	350	98.7	108
350	450	99.3	10
450	949	100	13

by Inductively Coupled Plasma

Figure 26. Map of chromium (ppm) in clay fraction of till.

proportion of intrusive/extrusive/ metasediments/carbonate rocks in each lithological domain and their respective geochemical signature. Based on the distribution maps and statistics provided in Appendix XIV, regional trends related to regional bedrock geology are summarized below:

1) Till derived from intrusive lithologies is depleted in most trace elements, particularly in Pb, Cu, Ni, and Cr, compared to the total population.

2) Till derived from mafic to intermediate extrusive lithologies is enriched in Cu, Ni, Cr and Co, compared to the total population, specifically in the Elbow Lake and Iskwasum Lake areas, and along the eastern shore of Amisk Lake. There is also a high correlation between Cr-Mg-Ni-Co-Fe-Mn-Mo-V in till samples collected over Precambrian bedrock. This assemblage is characteristic of ultramafic rocks.

3) Till sampled over rocks of the Flin Flon Belt is enriched in Cr, Co, Mn, Fe, Hg and Mo, compared to till over the Kisseynew Domain, and in As, Cu, Hg and Pb, compared to till over the Hanson Lake Block. A high correlation exists between Cd, Zn, Cu and Hg in till underlain by Precambrian rocks, an association characteristic of VMS base metal deposits abundant in the Flin Flon Belt.

4) Till sampled over the Kisseynew Domain is depleted in Ni, Cr, Co, Fe and Mg, compared to other Shield derived tills, but enriched in Ag.

5) Till sampled over the Hanson Lake Block is depleted in As, Cu and Mo, compared to till over the Flin Flon Belt and the Kisseynew Domain, and generally enriched in Cr, Ni and Fe, as a result of the presence of Ni-rich mafic dykes throughout the area (Ashton and Leclair, 1991).

Provenance-controlled regional trends are reflected in tills sampled over the Paleozoic cover. Till deposited by Keewatin lobe ice, west of The Pas moraine and Simonhouse Lake, is slightly enriched in Ag, Co, Cr, Fe, K, La, Sc and V, compared to Hudson lobe till, and relatively depleted in Ca (Fig. 23) and Mg (Fig. 24). These variations reflect primary enrichment related to SSW glacial dispersal of Precambrian lithologies over the Paleozoic terrane. In general, the Precambrian geochemical signature in Keewatin lobe tills approaches background values for most trace elements, 20 to 25 km down-ice from the shield margin, similar to their lithic composition. Over Paleozoic rocks, the readvance Keewatin lobe tills (cf. Fig. 7d) have slightly higher concentrations in most elements, compared to the regional tills, and the Precambrian signature reaches background values

at greater distances from the shield margin (35 to 50 km). A long Cr dispersal train originating in the Cranberry Lakes area and extending over the Paleozoic cover is present between Simonhouse Lake and Goose Lake (Fig. 26). The dispersal train is oriented in the direction of the major readvance (230°), and is observed as far south as Rocky Lake, 60 km from its source.

Local geochemical trends

At the local scale, zones of anomalous or elevated trace element concentrations reflect potential mineralized areas within regional bedrock units. These patterns are commonly parallel to the predominant ice flow direction, or reflect the outcrop area of the geochemically enriched source rocks or alteration assemblages. The following discussion summarizes results from areas with base metal multi-element anomalies and single-site anomalies.

Elevated As, ±Hg and ±Mo concentrations are present in association with known Au anomalies along the west side of Amisk Lake, particularly on Missi Island (Henderson, 1995a). Detailed studies of mineral deposits in this area (Pearson, 1980; Ansdell and Kyser, 1991) indicate that Au mineralization is linked to faulting and occurs in gold-quartz veins or pyritic shear zones, associated to arsenopyrite. Therefore, in this area, As is a pathfinder for gold mineralization. Because the major fault trend parallels the main ice flow direction in this region, anomalous As concentrations down-ice from Au occurrences suggest glacial dispersal and/or the possibility of unknown Au mineralization, associated with the West Channel fault, south of Missi Island (Henderson, 1995a).

The highest concentration of Cd (13 ppm) is found in till collected at the south end of Mystic Lake in Saskatchewan (site PJH940015). This site is also anomalously high in Cu and Zn. The sample site is located at the contact between an intrusion of quartz diorite and mafic tectonite rocks of the Mystic Lake Assemblage. This area has several known base metal occurrences (Cu, Zn, Cd, Ag, Au), although few are located up-ice from this site. The former Coronation Mine, a Cu-rich VMS deposit, is located approximately 2 km SSW of Mystic Lake; this deposit is located within mafic volcanic rocks of the Athapapuskow Lake assemblage.

High concentrations of Cu, Zn and Cd are found in the vicinity of Flin Flon and Snow Lake, reflecting the high base metal potential of the greenstone belt and the presence of important VMS deposits in these two areas. In the Flin Flon area, high concentrations of base metals are present in tills underlain by geochemically enriched metavolcanic rocks or located at a short distance down-ice from known deposits. Immediately north of Channing, multi-element anomalies in Zn, Cd, Hg and Pb are present in till underlain by mafic volcanic rocks and metasediments. These sites are located 2 to 3 km SSW of known Zn, Cu and Au showings. Zn, Cd, and Hg concentrations are high at the southern end of Cliff Lake, 3 km SSW from the Trout Lake Mine, a Cu-Zn VMS deposit. Cu is anomalous in till sampled over this major deposit. Zn and Cu concentrations are high down-ice from the Callinan Mine and Flin Flon Mine deposits, and likely represent a dispersal train, 2 to 7 km long (Henderson, 1995a). Hg concentrations are anomalous at both ends of Trout Lake.

In the Snow Lake area, Cu, Zn, Hg, Cd, Pb and Ag occur in high concentrations at multiple sites near or down-ice from major VMS deposits (Chisel, Lost, Ghost and Photo Lake area; Anderson Lake, Stall Lake, Rod Mine area; Woosey Lake; Osborne Lake) (Kaszycki et al., 1996; Kaszycki and Hall, 1996). In the northeast part of Herblet Lake, high concentrations of Cu, Cd and Pb are found near gold deposits. Near the town of Snow Lake, high concentrations of As, Ag and Pb are found near major gold deposits (NorAcme and Bounter). Immediately south of Snow Lake, a Au-As dispersal train in the < 63 μm fraction of till is found near Tern Lake (Kaszycki et al., 1996). Around Elbow Lake, concentrations of Cr, Co, Fe, Mn, Mo, Ni, As, Cd and Cu occur in high concentrations in till over shear zone rocks and down-ice from these rocks.

Several base metal anomalies in till have been found throughout the project area where no known mineral deposits are present in the vicinity. Along Highway 106 in Saskatchewan, 5 km west of the Sturgeon-weir river (site JC920068), a single-site multi-element Zn-Cu-Cd anomaly occurs in the clay fraction of the till. At this site, Zn and Cu have the highest concentrations in the database (Cu=3274 ppm, Zn>10 000 ppm). The site is located within the Hanson Lake Block on gneiss derived from intermediate volcanic rock of the Amisk Group in contact with highly sheared and foliated granodiorite from the Pelican Slide Shear Zone. Minor known mineral occurrences are

found 5 km NE (Ag, Au), 12 km NE (Au, Cu, Zn), and 5 km WNW (Cu) from this multi-element anomaly. An interesting multi-element anomaly (As-Cd-Hg-As) occurs near Herb Bay along the northeast shore of Wekusko Lake in an area underlain by granitic rocks. On the western shore of File Lake, a single-site multi-anomaly in Pb, Ag and Mo occurs in till sampled over mafic volcanic rocks. Near Martell Lake, a single-sample Cu anomaly (Cu=1638 ppm) is found. Ag occurs in high concentrations in the Mari Lake, western Kisseynew Lake, and southern Kississing Lake areas. A multi-element Ag, Mo and Pb anomaly occurs on the east shore of Amisk Lake in till underlain by mafic volcanic rocks. Other single-sample anomalies occur on Tramping Lake (Hg), File Lake (As), Kisseynew Lake (Pb), and on Peterson Lake (Zn).

Humus composition

Three major factors influence humus composition in the area: 1) composition and nature of underlying geological substrate, 2) the presence of a smelter at Flin Flon, and 3) the nature of humus, including the vegetation composition, the relative proportion of organic matter and mineral matter, and the state of decomposition. Detailed studies in the vicinity of the smelter indicate that concentrations in those samples enriched in metals (naturally or anthropogically) are related primarily to the first two factors (Henderson and McMartin, 1995; Henderson et al., in prep.). These authors examined the residence sites and distribution of heavy metals along transects away from the smelter and in vertical profiles and found little relationship between the organic content and the metal concentrations in humus. In humus samples far from the smelter and with trace element concentrations approaching background values, the nature of the humus remains an important factor that influences the geochemistry.

Humus is enriched in trace and major elements through different processes (Steinness and Njastad, 1993), including: 1) mixing with the underlying mineral soil, 2) uptake in plant roots and return to the organic layers by decay of plant material together with decomposition products of roots, and 3) atmospheric deposition (new input and re-entrainment of old material). Heavy metals tend to accumulate in humus because humic substances provide a large specific surface area and have a very high cation exchange capacity, given by the abundance of dissociable H+ sites in their

functional groups (COOH- and OH-)(Stevenson, 1982). Moreover, these oxygen-containing groups are capable of complexing metals to form stable metal-organic complexes and chelates or dissolving metals, according to the pH and metal concentration in solution (Schnitzer, 1978). The binding of heavy metals to humified organic matter is, consequently, a major process controlling the mobility of such elements in the soil environment.

Humus geochemistry

Regional geochemical maps and statistics for the humus data are shown in Appendix XV. Summary statistics are presented in Table 4. As for the till geochemical data, the humus data was divided between samples underlain by Precambrian bedrock and those underlain by Paleozoic bedrock. Pearson correlation matrices were computed using non-transformed data (Tables 8,10,11,12). An "r" coefficient of 0.5 was arbitrarily considered as indicative of a highly significant correlation for Tables 8, 11 and 12. In Table 10, because the humus/till correlation matrix includes the humus samples contaminated by the smelter emissions, an "r" coefficient of 0.3 was considered as indicative of a highly significant correlation.

Smelter related metals

In Flin Flon, the Cu-Zn smelter complex is a known source of airborne pollutants in bulk precipitation, specifically Zn, Pb, Fe, Cu, Cd, and As (Franzin et al., 1978). These metals have been found with decreasing concentrations away from the smelter, in a dominant southeasterly wind direction, in soils (Hoggan and Wotton, 1984), peat (Zoltai, 1988), and lake sediments (Jackson, 1978; Jackson et al., 1993). The regional humus geochemical maps provided in Appendix XV indicate that concentrations of Ag, As, Cd, Cu, Fe, Hg, Pb, Sb and Zn are anomalously high in the vicinity of the stack and decrease with distance from the point source. For these elements, the dispersal patterns are believed to be linked to emissions from the smelter (Henderson and McMartin, 1995). The correlation matrix for humus clearly indicates a highly significant positive correlation between these elements (Table 8).

The emitted metals can be subdivided into two categories according to their dispersal pattern:

HUMUS CORRELATION MATRIX

	Ag	Al	As	Ba	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Ni	P	Pb	Sb	Sc	Sr	V	Zn
Ag	**1.0000**																						
Al	0.0542	**1.0000**																					
As	**0.7375**	0.1206	**1.0000**																				
Ba	0.1337	0.1700	0.0592	**1.0000**																			
Ca	-0.0497	0.0194	-0.0970	0.0159	**1.0000**																		
Cd	**0.8119**	0.0051	**0.6871**	0.1844	-0.1008	**1.0000**																	
Co	0.2366	**0.5208**	0.2425	0.4220	0.0123	0.2170	**1.0000**																
Cr	0.0518	**0.6119**	0.0468	0.1038	0.0363	-0.0350	0.3774	**1.0000**															
Cu	**0.8911**	0.0671	**0.7551**	0.1229	-0.1090	**0.9224**	0.2369	0.0123	**1.0000**														
Fe	0.4511	**0.8016**	**0.5183**	0.1788	0.0028	0.3570	**0.5622**	**0.5700**	0.4599	**1.0000**													
Hg	**0.6584**	0.0457	**0.8212**	0.0070	-0.0773	0.4981	0.1469	0.0319	**0.6034**	0.4430	**1.0000**												
K	0.0381	**0.5019**	0.0183	0.3321	0.0145	0.0050	0.3934	0.3958	-0.0013	0.4505	0.0113	**1.0000**											
La	0.0049	**0.5572**	0.0380	0.0810	-0.0280	-0.0294	0.3486	0.3060	0.0082	0.3933	0.0118	0.2941	**1.0000**										
Mg	0.0427	0.3083	-0.0121	-0.0881	**0.6333**	-0.0917	0.1056	0.3878	-0.0587	0.3065	-0.0156	0.2311	0.1002	**1.0000**									
Mn	0.0929	0.0952	0.0406	**0.7171**	0.1623	0.1622	0.4413	0.0796	0.0839	0.1494	-0.0113	0.3274	0.0162	0.0461	**1.0000**								
Ni	0.0532	**0.6404**	0.0417	0.2646	0.0542	-0.0168	**0.6070**	**0.5971**	0.0320	**0.5654**	0.0211	0.4760	0.4283	0.2652	0.1798	**1.0000**							
P	0.0824	0.1429	0.0333	0.4609	0.1055	0.0847	0.3611	0.0804	0.0570	0.0953	0.0341	0.4625	0.0972	-0.0486	0.3884	0.2734	**1.0000**						
Pb	**0.8016**	-0.0084	**0.7121**	0.1869	-0.1382	**0.9107**	0.1909	-0.0611	**0.9101**	0.3363	0.4650	-0.0154	-0.0380	-0.1113	0.1552	-0.0388	0.0763	**1.0000**					
Sb	**0.5019**	0.0669	0.3526	0.1104	0.0385	**0.5574**	0.1596	0.0667	**0.5403**	0.2491	0.2069	0.1309	-0.0409	0.1793	0.1437	0.0690	0.0732	**0.5374**	**1.0000**				
Sc	0.0543	**0.7132**	0.1110	0.0857	0.0945	-0.0325	0.4252	**0.6371**	0.0380	**0.6500**	0.0726	**0.5428**	0.4186	0.3853	0.1006	**0.5351**	0.1022	-0.0560	0.2468	**1.0000**			
Sr	0.0131	-0.0143	-0.0190	**0.5123**	0.2785	0.0721	0.2449	-0.0512	0.0057	-0.0353	-0.0419	0.2008	0.0576	0.0187	0.3426	0.1235	0.3939	0.0376	0.0874	-0.0101	**1.0000**		
V	0.1246	**0.8298**	0.1901	0.1669	0.0059	0.0904	**0.5237**	**0.6365**	0.1529	**0.8503**	0.1144	0.4544	0.3782	0.2991	0.1369	**0.5885**	0.0150	0.0647	0.0923	**0.6759**	-0.0224	**1.0000**	
Zn	**0.8343**	0.0357	**0.7037**	0.1590	-0.0846	**0.9516**	0.2299	0.0005	**0.9318**	0.4142	**0.5529**	0.0393	-0.0207	-0.0415	0.1450	0.0113	0.0978	**0.8755**	**0.5346**	0.0084	0.0515	0.1276	**1.0000**

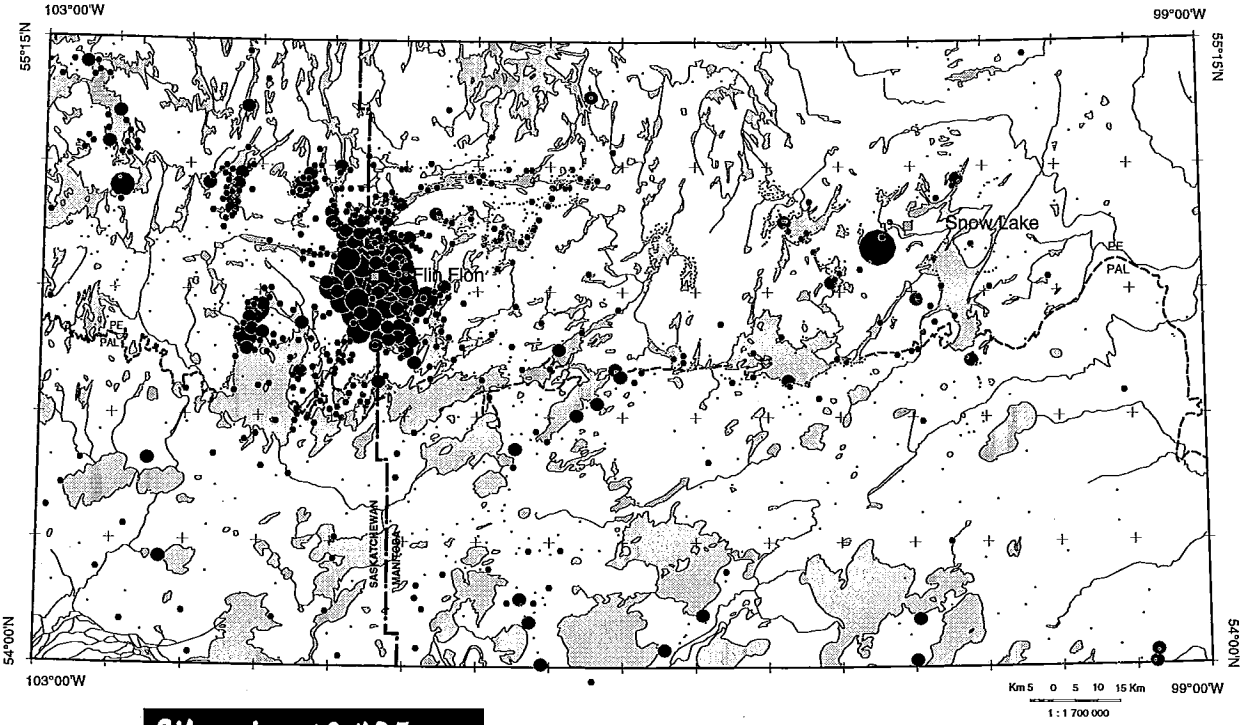
Table 8. Correlation matrix, humus geochemistry: total population. Bold values represent highly significant correlations ($r > 0.5$).

1) those falling close to the stack, Ag (Fig. 27), Fe and Sb, attaining background levels at less than 20 km from the smelter, and 2) those falling at greater distances, As (Fig. 28), Cd, Cu, Hg, Pb, Zn, reaching background levels at approximately 50 to 80 km depending on the predominant wind direction. The dominant wind direction recorded in Flin Flon is towards the southeast and southwest, with strong components towards the north-northwest and south (Environment Canada, 1990). The dispersal patterns of these metals are consistent with these wind patterns.

Distances to background levels were estimated from the geochemical maps (Table 9). These distances are generally underestimated since the corresponding background values are estimated statistically. Figure 29 shows the distribution of metal concentration (Cd, Cu, Fe, Hg, Zn) plotted against distance from the smelter, using arithmetic and log-normal scales. Ni, a non-smelter related element, is plotted on Figure 29 for comparison with the pollutants. A regression trendline was defined and plotted through the points, using the equation $y = cx^b$, where y is the metal concentration, x the distance from the smelter, and c and b variables of the specific trendline. The correlation factor "r" appears below the equation. This type of equation was chosen since other types of regression analysis provided lower correlation.

Table 9. Background levels and distances for particulate emissions in humus.

Metal	Background value (used in map)	Distance to background (estimated from map)	Background value (estimated from graphs)	Power equation (derived from graphs)	r factor on equation	Distance to background (calculated with equation)
Ag	0.2 ppm	10-20 km	0.3 ppm	$y = 1.7349x^{-0.6154}$	0.59	17.3 km
As	8 ppm	30-50 km	4 ppm	$y = 232.35x^{-0.9758}$	0.66	64.2 km
Cd	2 ppm	40-60 km	1 ppm	$y = 223.45x^{-1.2732}$	0.83	70.0 km
Cu	50 ppm	35-50 km	30 ppm	$y = 8831.3x^{-1.3547}$	0.88	66.4 km
Fe	1.30%	10-15 km	0.90%	$y = 1.3847x^{-0.2174}$	0.27	7.3 km
Hg	350 ppb	40-60 km	200 ppb	$y = 10079x^{-0.893}$	0.80	80.6 km
Pb	80 ppm	30-60 km	50 ppm	$y = 5131.8x^{-1.1586}$	0.76	54.4 km
Sb	7 ppm	5-10 km	4 ppm	$y = 4.5406x^{-0.2477}$	0.28	1.7 km
Zn	250 ppm	35-50 km	150 ppm	$y = 46228x^{-1.4257}$	0.84	55.7 km

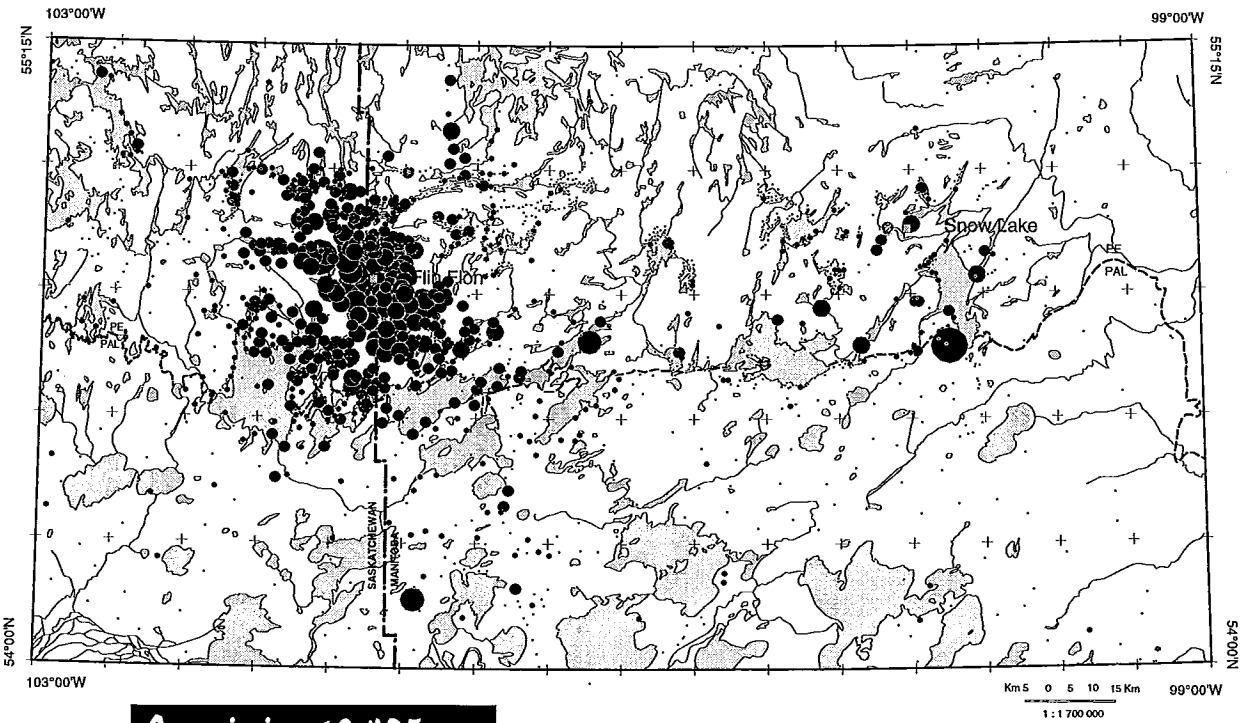


Silver in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.1	0.2	67.9	1102
0.2	0.7	90.3	364
0.7	1.5	96.2	97
1.5	2.8	98.8	41
2.8	7.6	100	20

by Inductively Coupled Plasma

Figure 27. Map of silver (ppm) in humus (<0.425 mm).



Arsenic in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
1	8	59.5	975
8	15	77.5	296
15	35	90.7	216
35	7	96.9	102
70	120	99.3	38
120	558	100	12

by Inductively Coupled Plasma

Figure 28. Map of arsenic (ppm) in humus (<0.425 mm).

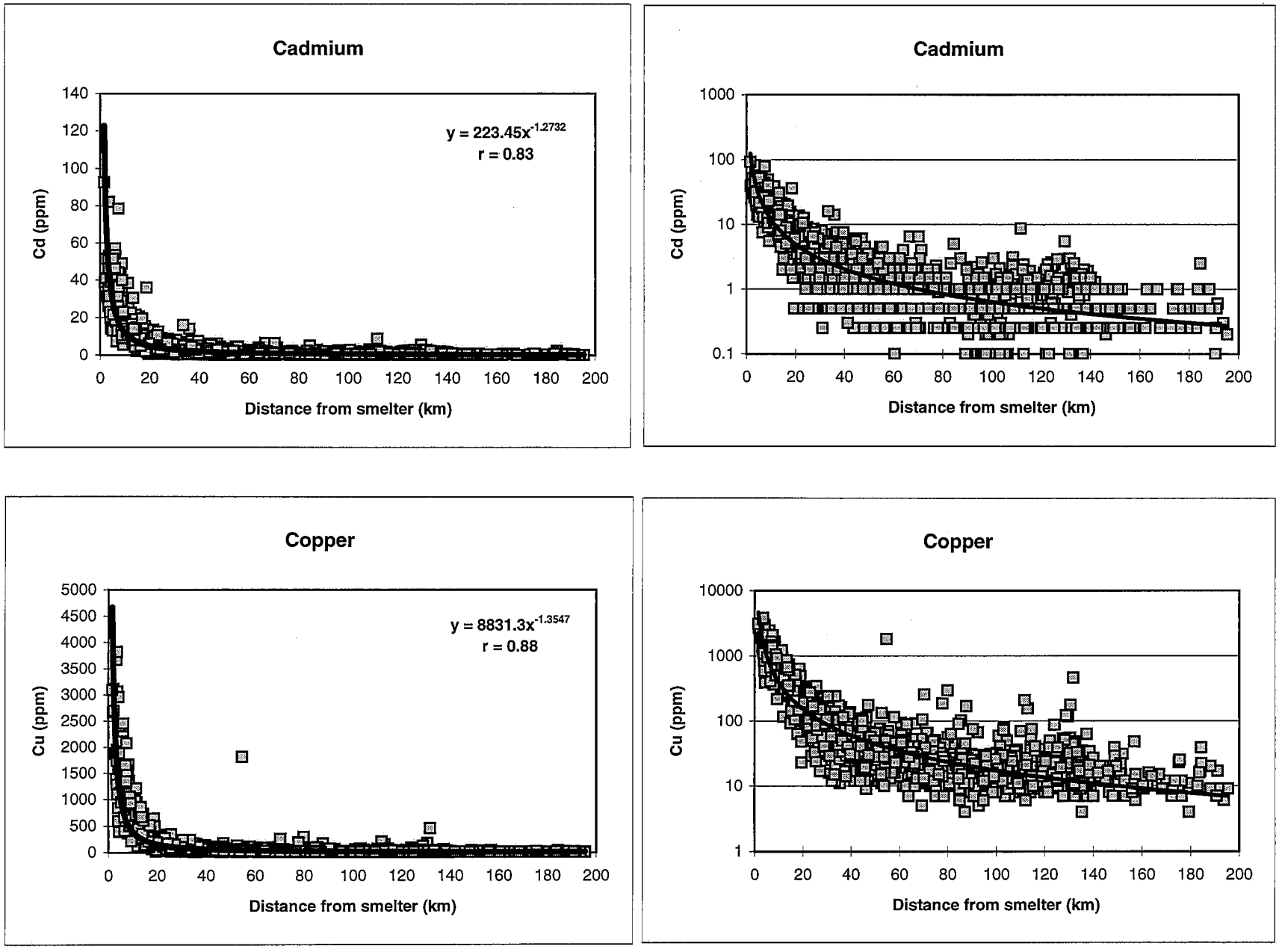


Figure 29a. Concentration of Cd and Cu in relation to distance from the smelter: arithmetic and log-normal scales.

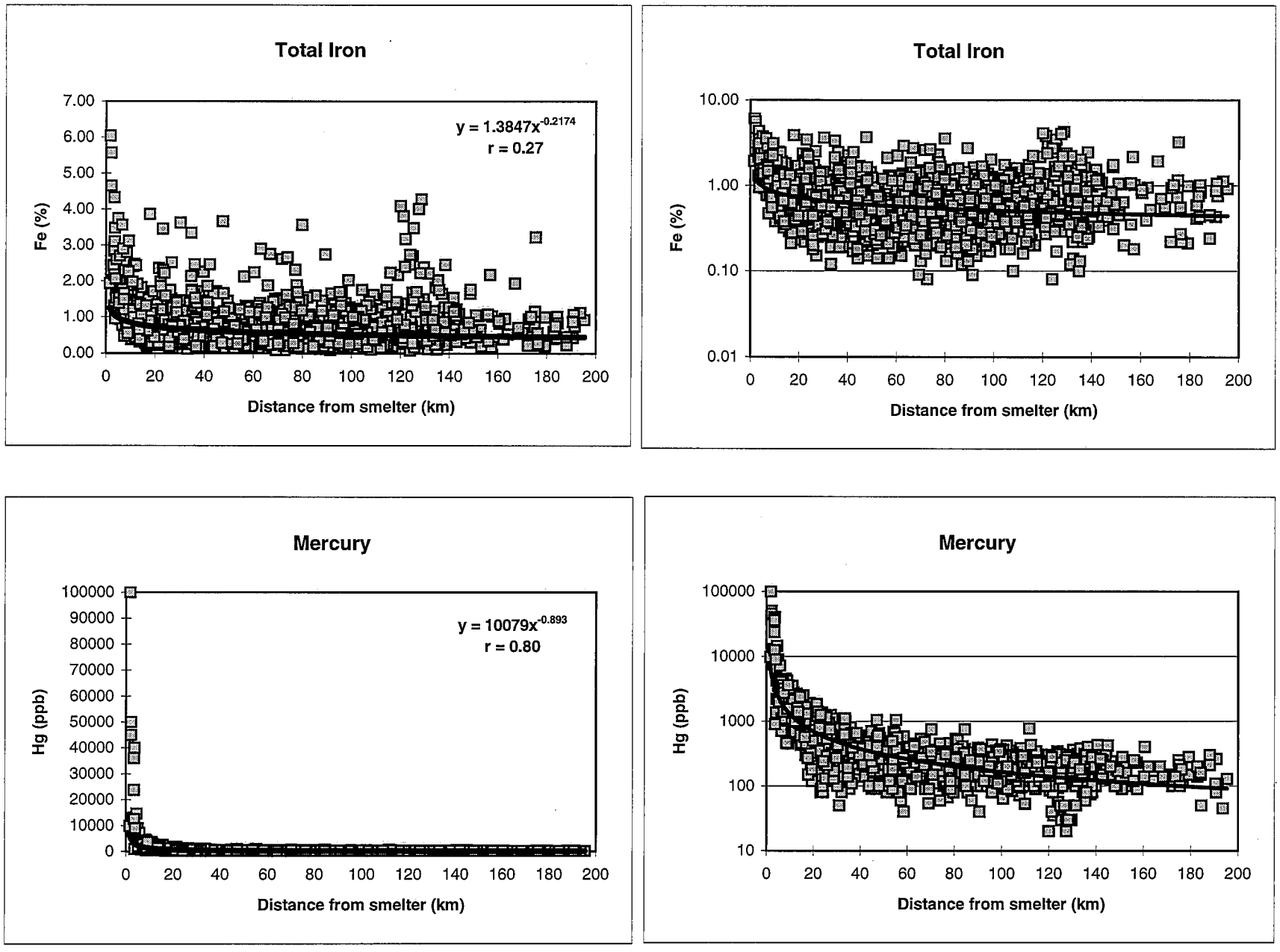


Figure 29b. Concentration of Fe and Hg in relation to distance from the smelter: arithmetic and log-normal scales.

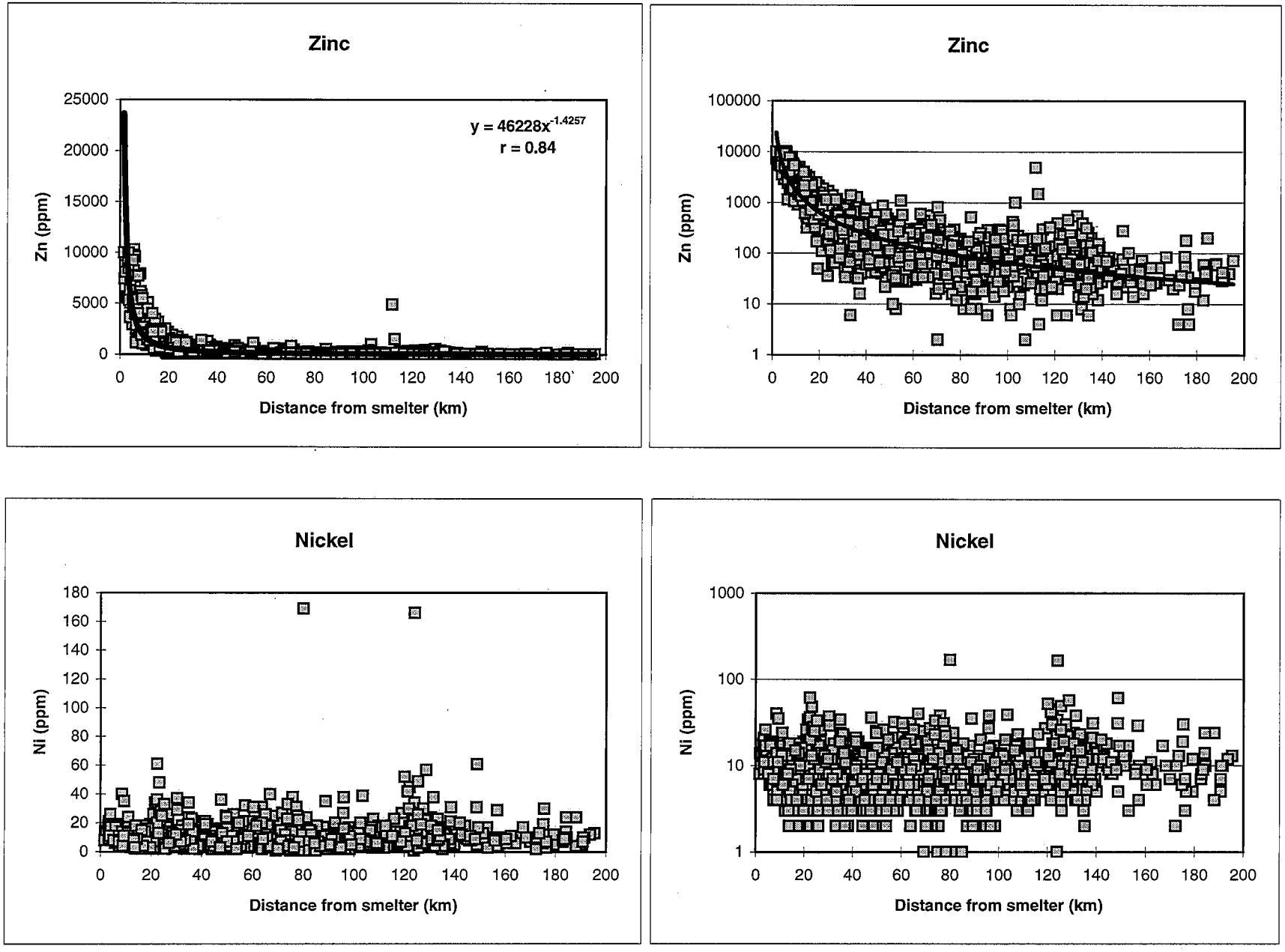


Figure 29c. Distribution of Zn and Ni in relation to distance from the smelter: arithmetic and log-normal scales. Ni is not emitted from the smelter.

The graphs show a similar trend for the smelter related metals and indicate that metal concentrations decrease exponentially away from the smelter, reaching background values at different distances. Distances to background levels were calculated with the equation defined for each metal (Table 9), using background values estimated from these graphs and from similar graphs computed for Ag, As, Pb and Sb. Levels drop by 2 to 3 times over distances of 0 to 20 km from the point source for metals falling closer to the stack (Ag, Fe, Sb). Background distances vary from 1.7 to 17.3 km for these metals. For Fe and Sb, the calculated distances are not very accurate since the correlation factor is lower than 0.5. For the other metals, levels fall significantly by 6 to 100 times over distances of 0 to 20 km, and reach background values at varying distances, from 54.4 to 80.6 km. These variations in background distances do not appear to be related to the atomic weight of the metal particulates (Fe<Cu<Zn<As<Ag<Cd<Sb<Hg<Pb). The nature, the size and the form of the emissions from the stack (Henderson et al., in prep.), their subsequent transport in air and their stability in humus may be the variables that influence the most the variations in background distances.

High concentrations in these metals also occur in other areas, such as along roads and near mine sites (specifically in the Chisel Lake area and around Sherridon). These elevated values may be in part related to contamination from dustfall particulates associated with mining activities. Kaszycki et al. (1996) have suggested some element of contamination from road dust, mine dust from tailings piles and open pit operations in the Snow Lake area, particularly for Zn.

Regionally, the concentrations of smelter related metals in humus are not related to the underlying till geochemistry. For example, the distribution map of Cu in humus (Fig. 30) exhibits a significantly different pattern from Cu in the clay fraction of till (Fig. 31). This is further exemplified by the correlation matrix between humus and till (Table 10): the correlations are weak, particularly for the smelter related metals. The range in concentrations for the smelter related metals in humus greatly exceed those in till (Table 4), including samples sites further away from the smelter, in that case reflecting in part the high binding potentials of metals in organic matter. Vertical profiles indicate little downward migration of these elements from the humus (< 50 cm)

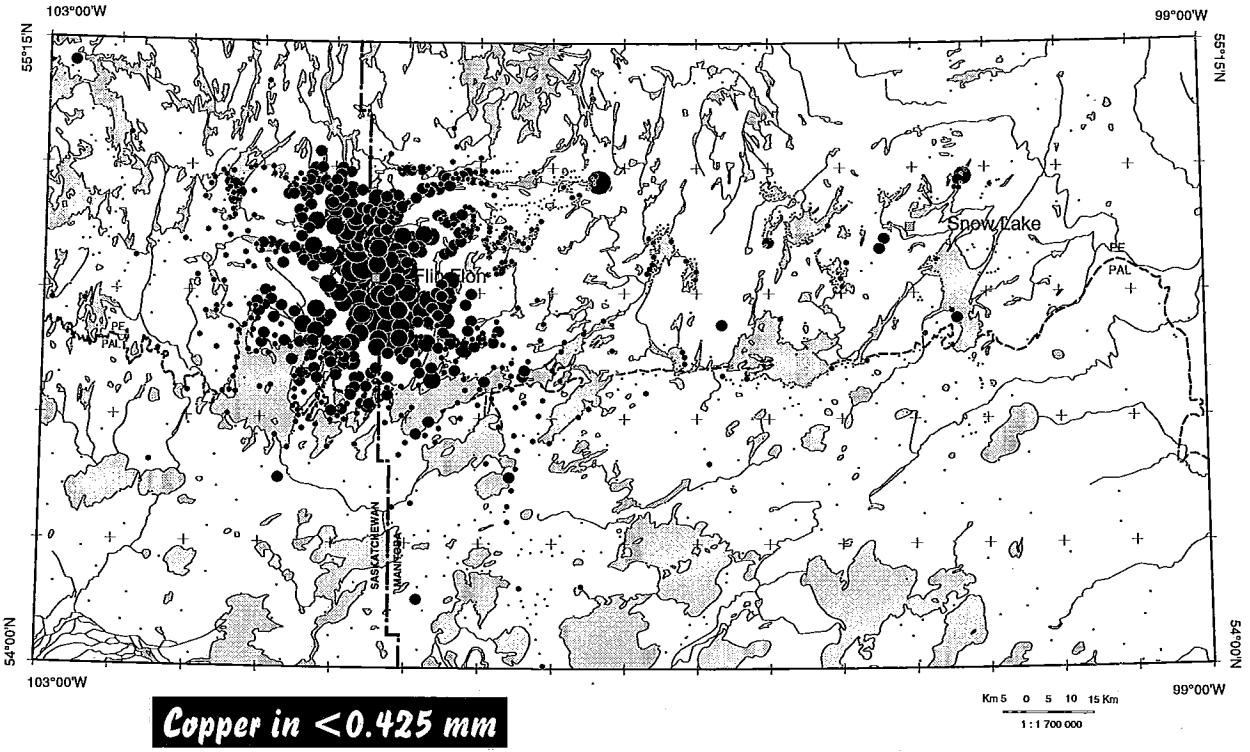


Figure 30. Map of copper (ppm) in humus (< 0.425 mm).

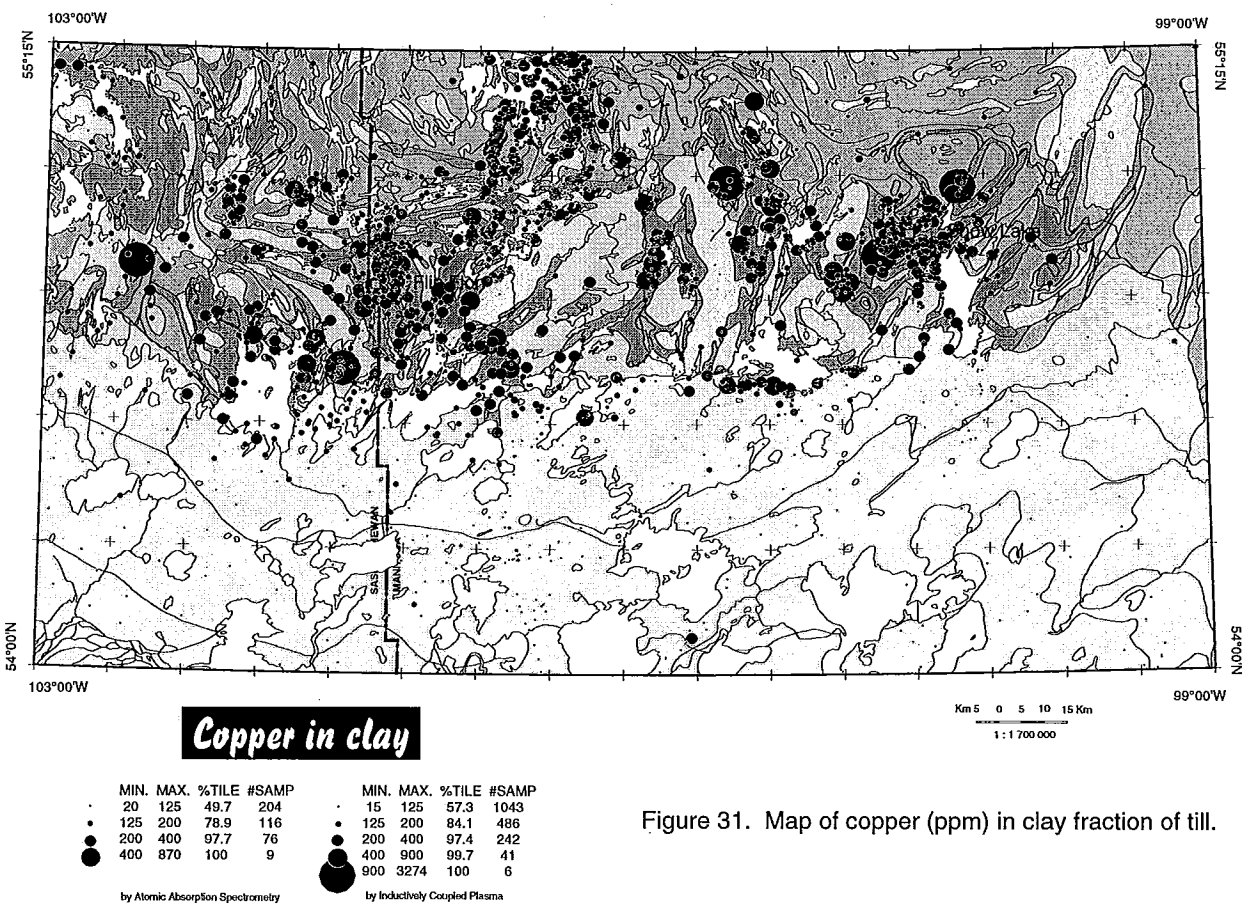


Figure 31. Map of copper (ppm) in clay fraction of till.

CORRELATION MATRIX

HUMUS

TILL	Al	As	Ba	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Ni	P	Pb	Sb	Sc	Sr	V	Zn
Al	-0.0648	0.1134	0.2352	**-0.4107**	0.1483	0.1014	0.0079	0.1370	0.0054	0.0592	-0.0112	0.0072	-0.2312	0.0673	-0.0025	0.1299	0.1695	0.2179	0.0283	0.0760	-0.0275	0.1504
As	-0.0380	-0.0097	0.0801	-0.0106	0.0019	0.0255	0.0461	-0.0151	-0.0045	-0.0254	0.0750	-0.0305	0.0924	0.0921	-0.0131	0.0127	-0.0077	0.1637	0.0914	0.0315	-0.0003	0.0234
Ba	-0.0609	0.0518	0.1761	-0.2290	0.1070	0.0648	0.0515	0.0953	-0.0009	0.0543	0.1043	-0.0119	-0.1056	0.0665	0.0211	0.0250	0.0959	0.2258	0.0688	0.0994	0.0049	0.1077
Ca	0.0262	-0.1388	-0.2874	**0.4349**	-0.1884	-0.1539	0.0114	-0.1666	-0.0626	-0.0826	-0.1004	-0.0345	0.2834	-0.1433	-0.0366	-0.1610	-0.2059	-0.1691	-0.0187	-0.1319	-0.0300	-0.1896
Cd	-0.0358	0.0049	0.0789	-0.0052	0.0580	0.0113	0.0228	0.0953	0.0274	0.1422	0.0364	-0.0623	0.0166	0.0091	0.0070	0.1042	0.0463	0.1348	0.0638	0.0770	-0.0242	0.0783
Co	-0.0415	0.0554	0.2152	-0.1533	0.1437	0.1223	-0.0606	0.0999	0.0385	0.0427	0.0018	-0.0012	-0.1734	0.1501	0.0295	0.1637	0.1230	-0.0763	-0.1291	0.1746	0.0432	0.1410
Cr	-0.0383	0.1176	0.2641	-0.1903	0.1523	0.1385	-0.0112	0.1185	0.0077	0.0739	0.0073	0.0045	-0.2106	0.1176	0.0868	0.1495	0.1621	-0.0786	-0.1471	0.1943	-0.0029	0.1502
Cu	0.0764	0.1022	0.0645	-0.0587	0.1435	0.1612	0.0557	0.1399	0.1481	0.0671	0.0772	0.0200	0.0383	0.0291	0.1274	0.0660	0.1256	0.1784	0.1117	0.0292	0.1524	0.1625
Fe	0.0023	0.0038	0.0681	-0.0359	0.0089	0.0254	0.0114	0.0067	0.0221	0.0031	0.0268	-0.0114	-0.0224	0.0282	0.0109	0.0158	0.0084	0.0112	0.0048	0.0589	0.0238	0.0126
Hg	0.0251	0.1034	-0.0298	0.0120	0.2016	0.0493	0.0110	0.1949	0.1118	0.2479	-0.0225	0.0212	0.0388	-0.0117	0.0141	-0.0174	0.1100	0.0892	0.0162	-0.0307	0.0556	0.2732
K	-0.0089	-0.0048	0.2574	-0.1328	0.0916	0.1148	0.0657	0.0706	0.0456	-0.0137	0.2176	0.0362	-0.1013	0.1817	0.0957	0.1124	0.0855	0.0667	0.0114	0.1936	0.0595	0.0895
La	0.0336	0.0557	0.1273	-0.1248	0.0627	0.0833	0.0953	0.0634	0.0789	0.0345	0.1302	0.0367	0.0055	0.0580	0.0700	0.0537	0.0586	0.1826	0.1526	0.1023	0.0506	0.0753
Mg	0.0466	-0.1475	-0.2159	**0.4392**	-0.1864	-0.1106	0.1365	-0.1685	-0.0313	-0.0847	-0.0431	-0.0344	**0.3608**	-0.0743	0.0125	-0.1186	-0.1999	-0.2129	0.0341	-0.1490	-0.0031	-0.1857
Mn	0.0385	0.0384	0.1060	0.0386	0.1279	0.0928	0.1232	0.1099	0.1096	0.0316	0.1043	0.0149	0.0329	0.1688	0.0605	0.0878	0.1096	0.0264	0.0436	0.1414	0.1014	0.1429
Ni	-0.0337	0.0120	0.2158	-0.1093	0.0502	0.1611	0.1065	0.0293	0.0034	0.0159	0.0644	-0.0153	-0.0464	0.1340	0.1996	0.1638	0.0416	0.0311	-0.0081	0.1837	0.0109	0.0602
P	-0.0643	-0.0175	0.0046	-0.0696	-0.0706	-0.0292	-0.0267	-0.0726	-0.0602	-0.0187	-0.0809	0.0233	-0.1111	-0.0048	-0.0514	-0.0048	-0.0618	-0.1643	-0.0741	-0.0249	-0.0584	-0.0714
Pb	-0.0440	-0.0633	0.0418	-0.1024	-0.0102	-0.0168	0.0396	0.0094	0.0408	0.0567	-0.0038	-0.0277	-0.0168	0.0333	-0.0048	0.0436	-0.0282	0.0148	0.0117	0.0390	0.0169	0.0153
Sb	-0.1121	-0.1006	0.1144	0.0467	-0.1002	-0.0243	-0.0055	-0.0979	-0.1039	-0.0423	-0.0494	-0.0884	-0.0015	0.0790	-0.0359	0.1935	-0.1084	-0.1369	-0.0878	0.1873	-0.1011	-0.0962
Sc	0.0782	0.1952	**0.4192**	-0.1619	0.2253	0.2078	0.0276	0.1936	0.1464	0.0911	0.1387	0.0615	-0.1402	0.1193	0.1164	0.1333	0.2314	0.1583	0.0772	0.1574	0.1214	0.2194
Sr	-0.0110	-0.0188	-0.0801	0.1416	-0.0170	-0.0515	-0.0139	-0.0372	-0.0098	-0.0206	0.0466	-0.0204	0.1124	-0.0141	-0.0276	-0.0062	-0.0468	0.0327	-0.0113	0.2596	0.0060	-0.0269
V	-0.0313	0.1054	**0.3350**	**-0.3230**	0.1745	0.1723	0.0479	0.1331	0.0492	0.0405	0.1126	-0.0122	-0.2222	0.1653	0.0853	0.1878	0.1858	0.1406	0.0131	0.2007	0.0562	0.1669
Zn	0.0300	0.1220	0.0458	-0.0681	0.1313	0.0481	0.0318	0.1504	0.1081	0.1765	0.0496	0.0225	-0.0139	0.0055	0.0375	-0.0064	0.1071	0.0932	0.0602	0.0082	0.0601	0.1514

Table 10. Correlation matrix, humus/till geochemistry (n = 1413). Bold values represent highly significant correlations (r = 0.3).

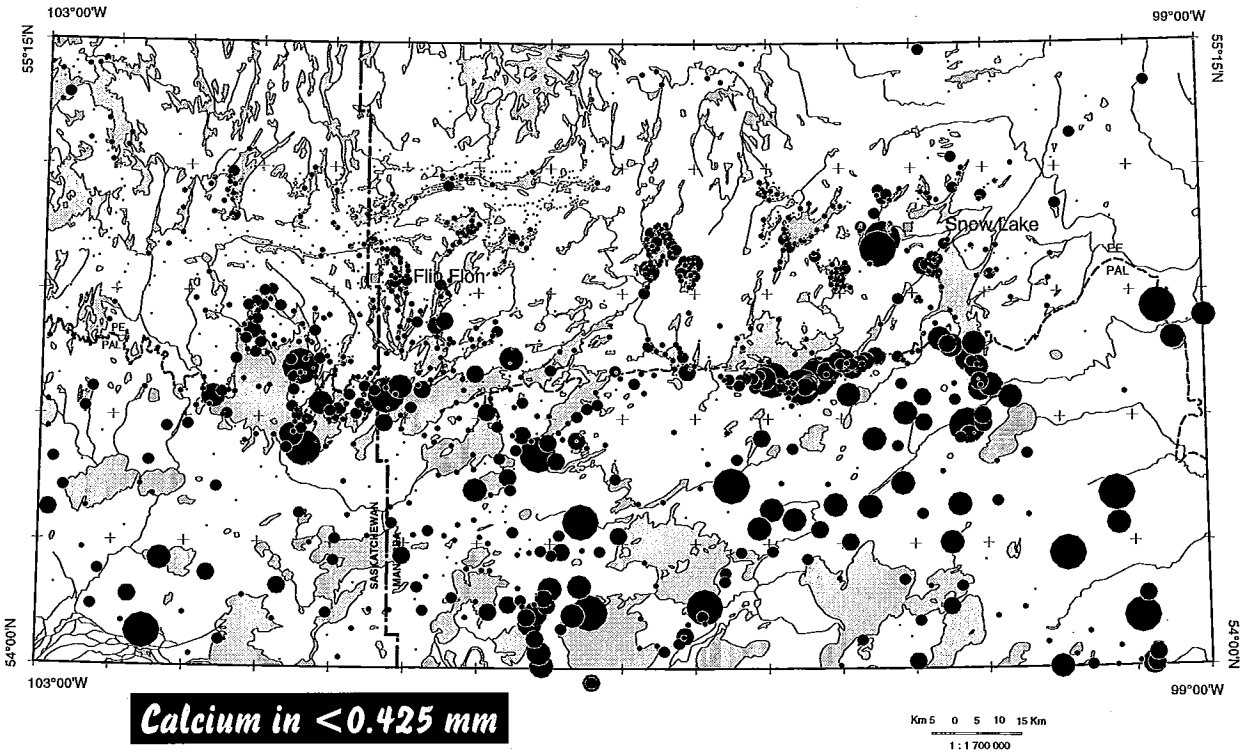
(Henderson and McMartin, 1995). Therefore, till geochemistry remains a valuable prospecting method around Flin Flon. Humus is certainly not a good sampling medium for mineral exploration in the Flin Flon area (< 80 km from the smelter). However, based on detailed humus and till sampling in the Snow Lake area, Kaszycki et al. (1996) have found that humus remains generally useful in bedrock dominated terrain or in areas where till is geochemically anomalous.

At several sites away from the smelter or from any mining sites or roads, multi-element anomalies characteristic of base metal mineralization have been distinguished in humus, mimicking or enhancing till geochemical anomalies. Herblet Lake (Cd-Cu-Hg-Ag), Chisel Lake (Cu), Woosey Lake (Cu, Zn, Ag), Wildnest Lake (Cu-Zn-Ag) and Amisk Lake-Missi Island (Ag) are the most striking anomalies observed both in till and humus across the area.

Non-smelter related trace elements

Both the regional geochemical maps and the correlation matrices indicate that there is generally a weak correlation between the humus and the till geochemical datasets for those elements not related to the smelter (Table 10). The range in concentrations for these elements in humus is commonly lower than in the clay fraction of the till, with the exception of Mn and Sr (Table 4).

Ca, Mg and Sr are the only exceptions where concentrations in humus commonly reflect those in the till. Over or down-ice from Paleozoic bedrock, there is a strong correlation between Ca (Fig. 32) and Mg (Fig. 33) in the humus (Table 11), and a corresponding association with the underlying till geochemistry (Table 10) and the Paleozoic clast content. At several sites over Precambrian rocks, high concentrations of Ca and Mg are found in humus underlain by calcareous tills derived from unknown outliers, westward ice flows, or from the recycling of previously deposited calcareous sediment. At other sites, high Ca, Sr, and Mg concentrations occur in humus sampled over tills possibly enriched in secondary Precambrian carbonate rocks (high calcite/dolomite ratios, Fig. 21). This Ca-Sr±Mg assemblage (Table 12) may be characteristic of hydrothermal veins both of meteoric and juvenile origin (Berry et al., 1983). High concentrations of these elements occur east of Amisk Lake, in the Flin Flon area, on Missi Island, and around Elbow Lake.

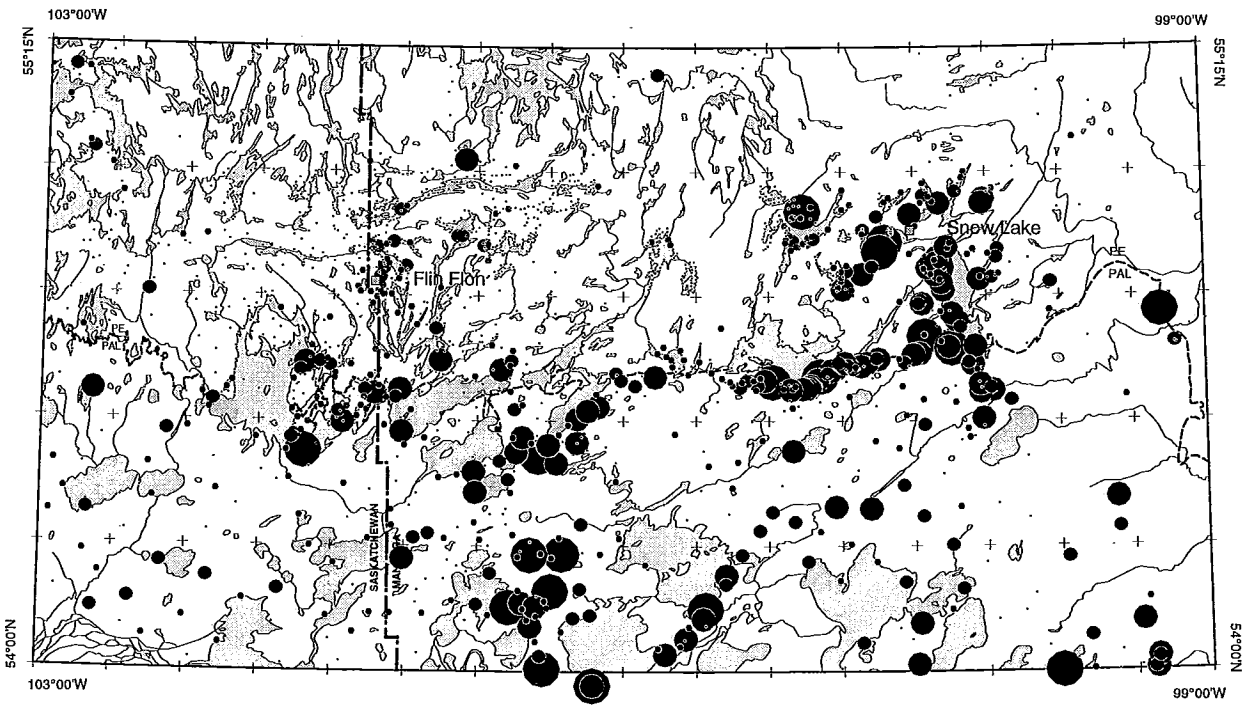


Calcium in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.04	1.00	51.7	840
1.00	2.00	81.5	483
2.00	3.00	92.1	172
3.00	4.00	95.9	63
4.00	5.50	98.8	46
5.50	15.00	100	20

by Inductively Coupled Plasma

Figure 32. Map of calcium (%) in humus (< 0.425 mm).



Magnesium in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.02	0.40	72.6	1179
0.40	0.70	88.1	251
0.70	1.00	94.0	96
1.00	2.30	98.8	79
2.30	8.46	100	19

by Inductively Coupled Plasma

Figure 33. Map of magnesium (%) in humus (< 0.425 mm).

HUMUS CORRELATION MATRIX
BEDROCK = PALEOZOIC

	Ag	*Al*	*As*	*Ba*	*Ca*	*Cd*	*Co*	*Cr*	*Cu*	*Fe*	*Hg*	*K*	*La*	*Mg*	*Mn*	*Ni*	*P*	*Pb*	*Sb*	*Sc*	*Sr*	*V*	*Zn*
Ag	**1.0000**																						
Al	0.0487	**1.0000**																					
As	0.0476	0.1056	**1.0000**																				
Ba	0.0512	0.4437	0.0757	**1.0000**																			
Ca	0.0151	0.0084	-0.0391	0.0540	**1.0000**																		
Cd	0.0353	-0.0705	0.4215	0.2559	-0.2238	**1.0000**																	
Co	-0.0511	**0.7300**	0.1769	0.4681	-0.0077	0.0833	**1.0000**																
Cr	0.3279	**0.6939**	0.0751	0.3134	0.0085	-0.0407	**0.5187**	**1.0000**															
Cu	0.0300	0.0701	**0.5289**	0.2402	-0.1629	**0.8317**	0.1959	0.0513	**1.0000**														
Fe	0.0523	**0.9277**	0.1675	0.4187	0.0592	-0.0429	**0.7562**	**0.6868**	0.1220	**1.0000**													
Hg	-0.0467	-0.1883	0.3141	0.1643	-0.3643	**0.7790**	-0.0155	-0.1747	**0.7146**	-0.1603	**1.0000**												
K	0.0766	**0.6511**	0.1814	**0.5033**	-0.2234	0.1561	**0.5969**	**0.5143**	0.2267	**0.6279**	0.1345	**1.0000**											
La	0.0203	**0.5433**	-0.0019	0.1461	-0.0044	-0.0527	0.4153	0.3469	0.0300	0.4364	-0.1477	0.3362	**1.0000**										
Mg	0.2678	0.2713	0.0800	0.0166	**0.5929**	-0.2142	0.1252	0.4193	-0.1083	0.3676	-0.3276	0.1048	0.0644	**1.0000**									
Mn	0.0310	0.2754	0.1526	**0.5564**	0.1506	0.2215	**0.5324**	0.2192	0.1932	0.3827	0.1617	0.2966	0.0533	0.1739	**1.0000**								
Ni	0.0795	**0.8838**	0.0900	0.4686	0.0410	-0.0523	**0.7611**	**0.7031**	0.1242	**0.8245**	-0.1554	**0.6913**	**0.5465**	0.2832	0.2452	**1.0000**							
P	0.0447	0.1501	0.0162	0.4083	0.0430	0.1421	0.1856	0.1243	0.1382	0.0926	0.0825	0.2926	0.0556	-0.0499	0.1683	0.1612	**1.0000**						
Pb	0.0166	-0.0420	0.4803	0.2382	-0.3422	**0.8264**	0.1045	-0.0561	**0.8597**	0.0142	**0.7705**	0.2134	-0.0965	-0.2577	0.2513	-0.0410	0.0928	**1.0000**					
Sb	0.1651	-0.0076	0.1381	-0.0025	0.0491	0.1288	-0.1067	0.0032	0.1074	-0.0243	0.0263	-0.0155	0.0315	0.1000	-0.0508	-0.0720	0.0097	0.0933	**1.0000**				
Sc	0.2024	**0.8956**	0.1389	0.3904	0.0274	-0.0571	**0.6853**	**0.7530**	0.1329	**0.8547**	-0.2174	**0.6460**	**0.5917**	0.3389	0.2278	**0.8487**	0.1496	-0.0329	0.0468	**1.0000**			
Sr	-0.0404	0.0508	-0.0076	0.3008	0.3334	0.0216	0.1327	0.0085	0.0511	0.0082	-0.0753	0.0308	0.1005	0.1085	0.0101	0.1429	0.2187	-0.0667	0.0770	0.0777	**1.0000**		
V	0.0479	**0.8853**	0.1212	0.4054	-0.0025	-0.0334	**0.7284**	**0.6590**	0.1576	**0.9056**	-0.1286	**0.6116**	0.4000	0.2801	0.2949	**0.8351**	0.0761	0.0229	-0.0107	**0.8159**	0.0399	**1.0000**	
Zn	0.0807	0.0013	0.4284	0.3265	-0.2177	**0.9078**	0.1405	0.0267	**0.8707**	0.0545	**0.8136**	0.2788	-0.0358	-0.1546	0.2495	0.0251	0.1670	**0.8339**	0.1186	0.0503	0.0324	0.0552	**1.0000**

Table 11. Correlation matrix, humus geochemistry: humus over Paleozoic bedrock. Bold values represent highly significant correlations ($r > 0.5$).

HUMUS CORRELATION MATRIX
BEDROCK = PRECAMBRIAN

	Ag	*Al*	*As*	*Ba*	*Ca*	*Cd*	*Co*	*Cr*	*Cu*	*Fe*	*Hg*	*K*	*La*	*Mg*	*Mn*	*Ni*	*P*	*Pb*	*Sb*	*Sc*	*Sr*	*V*	*Zn*
Ag	**1.0000**																						
Al	0.0449	**1.0000**																					
As	**0.7398**	0.1414	**1.0000**																				
Ba	0.0910	0.1486	0.0100	**1.0000**																			
Ca	0.0384	-0.0028	-0.0392	0.2871	**1.0000**																		
Cd	**0.8368**	0.0214	**0.6875**	0.1291	0.0259	**1.0000**																	
Co	0.2146	**0.5206**	0.2288	0.3935	0.1584	0.1971	**1.0000**																
Cr	0.0021	**0.5910**	0.0573	0.0995	0.0289	-0.0267	0.3895	**1.0000**															
Cu	**0.9043**	0.0886	**0.7595**	0.0705	-0.0223	**0.9201**	0.2201	0.0247	**1.0000**														
Fe	0.4129	**0.7700**	**0.5760**	0.1402	0.0060	0.4043	**0.5443**	**0.5473**	**0.5149**	**1.0000**													
Hg	**0.6551**	0.0599	**0.8370**	-0.0251	-0.0507	0.4927	0.1408	0.0443	**0.6001**	0.4975	**1.0000**												
K	0.0280	0.4432	-0.0129	0.3130	0.2720	-0.0179	0.3718	0.3659	-0.0230	0.3936	0.0048	**1.0000**											
La	-0.0333	**0.5685**	-0.0167	0.0552	0.0106	-0.0765	0.3384	0.2927	-0.0340	0.3876	-0.0315	0.2826	**1.0000**										
Mg	0.0878	0.3556	0.0424	0.0243	**0.5761**	-0.0099	0.2106	0.3996	0.0152	0.3543	0.0283	0.3794	0.1730	**1.0000**									
Mn	0.0823	0.0639	0.0136	**0.7321**	0.3506	0.1419	0.4207	0.0619	0.0616	0.1039	-0.0253	0.3440	-0.0084	0.0810	**1.0000**								
Ni	0.0400	**0.5800**	0.0320	0.2373	0.1152	-0.0245	**0.5763**	**0.5772**	0.0256	**0.5014**	0.0195	0.4270	0.3953	0.3271	0.1593	**1.0000**							
P	0.0502	0.1017	-0.0011	0.4359	0.4106	0.0380	0.3796	0.0405	0.0126	0.0615	0.0211	0.4962	0.0934	0.1374	0.4450	0.2297	**1.0000**						
Pb	**0.8096**	0.0041	**0.7121**	0.1305	-0.0153	**0.9073**	0.1672	-0.0566	**0.9086**	0.3790	0.4593	-0.0522	-0.0888	-0.0274	0.1302	-0.0470	0.0255	**1.0000**					
Sb	**0.5573**	0.0970	0.4940	0.0589	0.3137	**0.5696**	0.1488	0.0998	**0.5675**	0.3057	0.3132	0.1763	-0.0660	0.3908	0.1539	0.0719	0.0502	**0.5517**	**1.0000**				
Sc	0.0002	0.3809	0.0358	0.0129	0.2132	-0.0491	0.2397	0.3574	-0.0017	0.3577	0.0064	0.2877	0.2141	0.3013	0.0484	0.2722	0.0076	-0.0721	0.2221	**1.0000**			
Sr	-0.0127	-0.0205	-0.0718	**0.5075**	**0.6196**	0.0145	0.2340	-0.0497	-0.0584	-0.0611	-0.0782	0.2588	0.0305	0.1339	0.3908	0.1132	0.3887	-0.0233	0.0424	0.1008	**1.0000**		
V	0.1186	**0.8158**	0.2094	0.1423	0.0110	0.1079	**0.5108**	**0.6406**	0.1731	**0.8368**	0.1305	0.4044	0.3593	0.3600	0.1101	**0.5256**	-0.0351	0.0753	0.1196	0.3759	-0.0383	**1.0000**	
Zn	**0.8548**	0.0546	**0.7056**	0.1004	0.0508	**0.9495**	0.2100	0.0126	**0.9294**	0.4658	**0.5492**	0.0212	-0.0716	0.0589	0.1235	0.0050	0.0568	**0.8704**	**0.5546**	-0.0232	-0.0111	0.1473	**1.0000**

Table 12. Correlation matrix, humus geochemistry: humus over Precambrian bedrock. Bold values represent highly significant correlations ($r > 0.5$).

The humus geochemical dataset shows two significant multi- element correlations (Tables 11 and 12) that are not or weakly related to the underlying till geochemistry (Table 10).

1) There is a highly significant positive correlation between Al-Co-Cr-Fe-La-Ni-V in humus samples collected over Precambrian bedrock (Table 12). Samples collected over Paleozoic rocks have a similar association with the addition of K, Mn and Sc, but the correlation is generally stronger (Table 11). These elements have generally higher concentrations in samples underlain by Keewatin lobe tills, on both sides of the shield margin. They have a very scattered distribution in samples underlain by Hudson lobe tills, although they generally tend to increase towards the south. High concentrations of Al, Cr, Fe, K, La, Ni, and V occur around the western shore of Wekusko Lake where an extensive forest fire has recently destroyed most of the humus layer. In this area, high concentrations of mineral matter are probably contaminating the humus.

Because this assemblage is present across contrasting bedrock terranes, and because some of these elements are clearly characteristic of ultramafic rocks (Co, Cr, Ni), the trends may be the result of a combination of two factors: 1) local variations in the nature of the humus layer, probably reflecting mineral content versus organic content, and to a lesser extent, 2) regional variations in the geochemistry of the underlying substrate.

2) In samples collected over Precambrian rocks, there is a strong positive correlation between Ba, Mn and Sr (Table 12). Over Paleozoic bedrock, this association is weak (Table 11). This assemblage may be characteristic of gangue minerals in hydrothermal metalliferous veins (barite, manganite, celestite) (Berry and al., 1983). Several anomalies with this trace element association occur on the north shore of Amisk Lake, on the east shore of Woosey Lake, and on the southwest shore of Wildnest Lake. Within the Hanson Lake Block, around Mirond and Pelican Lakes, it may be related to the presence of pegmatites in the area (MacDougall, 1994).

CONCLUSIONS

Surficial geological mapping and regional surficial sediment sampling in the NATMAP Shield Margin Project area was undertaken to collect base line information to implement successful detailed drift prospecting studies. In addition, the surficial materials database included in this report, combined with the surficial geology maps available, will provide essential information for land use planning and environmental assessment. Surficial geology within the region is highlighted by the confluence of ice moving in two directions under different conditions: one to the south-southwest, depositing a locally derived till, the other to the west-southwest, depositing a more distally derived till. The zone of confluence is characterized by cross-cutting ice flow indicators with varying age relationships and several superimposed thin till units. Away from this zone, drift prospecting is facilitated by the presence of generally one thin till unit deposited by the predominant ice flow towards the south-southwest. In these areas, till sampling is only complicated by the presence of thick deposits of glacial Lake Agassiz offshore and ice proximal sediments.

Improved understanding of the Quaternary geological history, composition of the till and the humus, and sampling strategies will hopefully assist mineral exploration in the project area. Highlights of these aspects include the following:

1) Several major and minor ice flow events have been recognized in the project area, including 5 glacial advances from the Keewatin Sector of the Laurentide Ice Sheet and 4 from the Labradorean Sector. The predominant Keewatin movement was toward the south-southwest (201°) and covered the Shield portion and the area west of The Pas Moraine (Keewatin lobe). The main Labradorean ice flow was towards the west-southwest (246°), originating in the Hudson Bay area (Hudson lobe). A major late glacial readvance of Keewatin ice into glacial Lake Agassiz towards the southwest occurred over more than half of the project area.

2) Four compositionally and spatially distinct surface till units have been recognized. The oldest and most pervasive unit is found on the Precambrian terrane. It consists of a sandy non-calcareous till, closely related in composition to bedrock sources found immediately up-ice. As glacial dispersal trains parallel this predominant ice flow direction (SSW), this unit is considered as the optimal

sampling media for mineral exploration purposes. The till grades into a sandy-silty, progressively weakly to moderately calcareous till south of the shield margin west of The Pas Moraine, resulting from the continuous erosion and rapid incorporation of carbonate debris. East of The Pas Moraine, the surface till consists of a pale colored silty-sandy calcareous till of eastern provenance with distal and local components. A readvance of Keewatin ice in glacial Lake Agassiz has deposited a clayey-sandy till in a confined area west of The Pas Moraine, slightly enriched in Precambrian debris compared to the regional Keewatin lobe tills, reflecting a more distal provenance. Diamictic units are found within ice contact stratified sequences concentrated in corridors over the Precambrian terrane. These diamictons are extremely difficult to differentiate from the tills when they occur on surface in great thicknesses: they were commonly sampled and analysed with the other till samples.

3) Bedrock lithologies within the region are grouped into five major domains. Geochemical variations in background concentrations are related to each of these domains. In general, till derived from Paleozoic carbonate sources are significantly depleted in all minor and trace elements, except Ca, Mg and Sr, suggesting that the carbonate content masks the Precambrian geochemical signature after very little glacial transport (< 20 km). Provenance- controlled regional compositional trends are reflected in tills on either side of The Pas Moraine: Keewatin lobe tills are slightly enriched in several trace elements, compared to Hudson lobe tills, and depleted in Ca and Mg. Several sites exhibiting multi-element base metal anomalies have been recognized, mainly in the Flin Flon Belt, and most of these sites can be related to known VMS deposits located up-ice within short distances (< 5 km).

4) Compositional trends through the soil profile indicate that sampling methods have to account for different weathering profiles between calcareous tills and non-calcareous tills. Non-calcareous tills should be collected below the oxidized B horizon (> 60 cm depth). Calcareous tills should be sampled below the depth of carbonate leaching and/or underlying calcareous precipitation layers (> 20 to 100 cm depth).

5) Smelter related metal concentrations in humus decrease exponentially in all directions away from

the smelter and reach background values at different distances, ranging from about 10 to 80 km from the point source. Vertical geochemical profiles indicate very little downward migration from the organic rich layers (< 50 cm), and till geochemistry at 1m depth remains unrelated to pollutant distribution in the humus.

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Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB920124	South of Reed Lake	63K09	A24478-061	14	413736	6048893	299	1b	X			X	92MOB0121	92MOB0123	DLMT
MOB920125	South of Baril Lake	63J03	A24477-009	14	469913	5986124	284	1b	X			X	92MOB0124	92MOB0126	DLMT
MOB920126	East of William Lake	63J03	A24477-008	14	473613	5983765	270	1b	X			X	92MOB0127	92MOB0129	DLMT
MOB920127	West of HWY 6	63J03	A24919-014	14	479106	5983463	287	5a	X			X		92MOB0132	DLMT
MOB920128	West of HWY 6	63J03	A24919-014	14	479925	5987750	282	1b	X	X		X	92MOB0133	92MOB0135	DLMT
MOB920129	West of HWY 6	63J03	A24919-015	14	484187	5984311	284	1b	X			X	92MOB0136	92MOB0138	DLMT
MOB920130	In the Minago river channel	63J03	A24477-091	14	473097	6002335	235	6	X			X			DLMT
MOB920131	East side of North Moose	63J04	A24477-096	14	445097	6001910	256	2b	X		X	X	92MOB0139	92MOB0141	DLMT
MOB920132	Fluted landform - North Moose	63J04	A24477-097	14	443149	6005364	256	2b	X		X	X	92MOB0142		DLMT
MOB920133	Near North Moose Lake	63J04	A24477-098	14	437999	6002027	267	1b	X			X	92MOB0145	92MOB0147	DLMT
MOB920134	North of North Moose Lake	63J05	A24477-153	14	443035	6011620	271	2b	X	X	X	X	92MOB0148	92MOB0150	DLMT
MOB920135	North of Muskeg Lake	63J05	A24477-157	14	460238	6017459	273	2b	X			X	92MOB0151	92MOB0153	DLMT
MOB920136	SW of Hergrave Lake	63J05	A24477-198	14	453458	6020735	288	1b	X			X	92MOB0154	92MOB0156	DLMT
MOB920137	SW of Hergrave Lake	63J05	A24477-196	14	444994	6020132	273	1b	X			X	92MOB0157	92MOB0159	DLMT
MOB920138	SW of Hergrave Lake	63J05	A24477-194	14	436664	6018105	288	5a	X			X	92MOB0160	92MOB0162	DLMT
MOB920139	SW of Hergrave Lake	63J05	A24477-195	14	441387	6027536	276	1b	X			X	92MOB0163	92MOB0165	DLMT
MOB920140	South of Hargrave Lake	63J05	A24477-221	14	453410	6029461	274	1b	X			X	92MOB0166	92MOB0168	DLMT
MOB920141	Southeast of Hargrave Lake	63J05	A24477-220	14	460195	6031098	271	1b	X			X	92MOB0169	92MOB0171	DLMT
MOB920142	Peat plateau	63J05	A24477-220	14	460300	6029250	270	7a		X		X			DLMT
MOB920143	SE of Hergrave Lake	63J06	A25330-182	14	480115	6015181	256	1b	X		X	X	92MOB0175	92MOB0177	DLMT
MOB920145	SE of Hergrave Lake	63J06	A24477-202	14	479828	6021839	268	1b	X			X	92MOB0172	92MOB0174	DLMT
MOB920146	SE of Hergrave Lake	63J06	A25330-131	14	488560	6032683	247	4	X						DLMT
MOB920147	SE of Hergrave Lake, west of Ponton beaches	63J11	A24995-204	14	482104	6044169	256	5c	X						DLMT
MOB920148	On side of fluted landform	63J11	A24995-203	14	482162	6044295	255	1b	X	X	X	X	92MOB0179	92MOB0181	DLMT
MOB920149	By the Mitishto river	63J11	A25325-123	14	498469	6061562	229	5a			X				DLMT
MOB920150	Along Mitishto river	63J11	A25325-122	14	495860	6059870	233	5a			X				GRNG
MOB920151	Along Mitishto river	63J11	A25325-110	14	490944	6059246	235	5a			X				GRNG
MOB920152	Quarry north of Ponton	63J11	A25325-109	14	490062	6063102	256	1b	X		X	X	92MOB0182	92MOB0184	DLMT
MOB920153	West of Mitishto River	63J11	A25325-123	14	497967	6063672	244	R1			X	X	92MOB0185		DLMT
MOB920154	Rapids on Grass River	63J14	A25325-124	14	499540	6073933	227	5a			X				GRNG
MOB920155	Whitewood Falls, Grass River	63J14	A25325-124	14	496081	6071656	229	5a			X				PC
MOB920156	Skunk rapids, Grass River	63J14	A25325-108	14	493684	6072240	236	5a			X				PC
MOB920157	White Forest rapids, Grass River	63J14	A25325-108	14	487991	6072779	241	5a			X				PC
MOB920158	Grass River	63J14	A25325-108	14	489043	6068659	262	5b							PC
MOB920159	Kanisota Falls, Grass River	63J14	A24995-196	14	480098	6083219	259	5a	X		X	X	92MOB0189	92MOB0191	GRNG
MOB920160	NE extremity of NATMAP area	63O03	A24997-078	14	499871	6122001	272	R1	X			X	92MOB0192	92MOB0194	GRNT
MOB920161	North of Grass River	63J14	A25325-153	14	470610	6067063	267	5a			X				PC
MOB920162	West of Ponton beaches	63O03	A24997-127	14	488359	6113447	268	1a	X			X	92MOB0195	92MOB0197	PC
MOB920163	East of Ponton beaches	63O03	A24997-075	14	498900	6108550	258	5a	X			X	92MOB0198	92MOB0200	PC
MOB920164	Along creek	63O03	A24997-130	14	492218	6096147	249	5a			X				PC
MOB920165	Along creek	63J14	A24997-130	14	496299	6093764	241	5a			X				PC
MOB920166	Davis Lake	63J14	A25325-127	14	499568	6085015	235	5a			X				PC
MOB920167	NE of McNeill Lake	63O03	A24997-125	14	486888	6120303	280	R1			X				PC
MOB920168	North of Herblet Lake	63O04	A25325-050	14	445024	6097313	310	1a	X		X	X	92MOB0201	92MOB0203	GRNT
MOB920169	NW of Dowling Lake	63O04	A25325-049	14	444966	6103186	319	1a	X			X	92MOB0204	92MOB0206	GRNT
MOB920170	SW of Wimapedi Lake	63O04	A25325-047	14	445149	6111767	311	1a	X		X	X	92MOB0207	92MOB0209	GRNT
MOB920171	Martini Lake	63O04	A25325-046	14	445239	6118541	315	R1	X		X	X	92MOB0210	92MOB0212	ACIV
MOB920172	NE of Wimapedi Lake	63O04	A24995-136	14	461601	6119604	308	1a	X		X	X	92MOB0213	92MOB0215	PC
MOB920173	E of Wimapedi lake	63O04	A24995-137	14	464245	6112711	299	1a	X			X	92MOB0216	92MOB0218	PC
MOB920174	NE of Missipisew River	63O04	A24995-091	14	464585	6107124	292	5a	X			X	92MOB0219	92MOB0221	PC
MOB920175	NE of McNeill Lake	63O03	A24995-079	14	474196	6117770	290	4			X				PC
MOB920176	SW of McNeill Lake	63O03	A24995-083	14	471618	6102102	280	1a	X		X	X	92MOB0222	92MOB0224	PC
MOB920177	E of Missipisew River	63O04	A24995-089	14	466963	6096323	280	5a			X	X	92MOB0225		PC
MOB920178	SE of Grass River	63J13	A25325-165	14	464378	6091224	267	5a			X				PC
MOB920179	Along hydro line	63J13	A24995-146	14	457229	6074244	297	1a	X		X	X	92MOB0228	92MOB0230	GRNS
MOB920180	N of Mitishto River	63J11	A25325-150	14	473950	6057628	265	1b	X			X	92MOB0231	92MOB0233	DLMT
MOB920181	SW of South Lake	63J12	A24995-149	14	460605	6055996	267	1a-b	X		X	X	92MOB0234	92MOB0236	GRNT
MOB920182	North of Hargrave Lake	63J12	A24995-152	14	456780	6043730	274	1b	X		X	X	92MOB0237	92MOB0239	DLMT
MOB920183	East of Langton Lake	63J12	A25325-059	14	444463	6046879	282	2b	X		X	X	92MOB0240	92MOB0242	DLMT
MOB920184	SW of Langton Lake	63J12	A24478-029	14	437296	6044050	282	1a	X		X	X	92MOB0243	92MOB0245	DLMT
MOB920185	Wekusko railway	63J05	A25325-002	14	447067	6037421	280	1b	X			X	92MOB0246, 249	92MOB0248	DLMT
MOB920186	HWY 39	63K09	A24478-060	14	413788	6049313	293	5c	X	X					DLMT
MOB920187	HWY 39	63K09	A24478-060	14	414384	6049111	296	3				X	92MOB0250		DLMT
MOB920188	HWY 39	63K09	A24478-060	14	414265	6048923	294	2b	X			X	92MOB0251		DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB920063	Along road towards Wekusko	63J12	A25325-003	14	450461	6043899	274	R2			X				DLMT
MOB920064A	Sand and gravel pit near Wekusko	63J12	A25325-003	14	450100	6045550	282	2b	X	X		X	92MOB0048	92MOB0050	DLMT
MOB920064B	Sand and gravel pit near Wekusko	63J12	A25325-003	14	450100	6045550	282	4	X	X		X	92MOB0051		DLMT
MOB920064C	Sand and gravel pit near Wekusko	63J12	A25325-003	14	450100	6045550	282	4	X	X					DLMT
MOB920065	Sand & gravel pit near Wekusko	63J12	A25325-003	14	449992	6045370	282	2b		X					DLMT
MOB920066	Near pit - west side of Wekusko	63J12	A25325-003	14	449983	6045613	282	5c		X					DLMT
MOB920067	East side of Wekusko Lake	63J12	A25325-007	14	449968	6059640	267	R1	X		X	X	92MOB0053	92MOB0054	PC
MOB920068	East side of Wekusko Lake	63J12	A25325-007	14	450610	6060985	257	R1			X				PC
MOB920069	East side of Wekusko Lake	63J12	A25325-008	14	450097	6061738	257	5a			X				PC
MOB920070	East side of Wekusko Lake	63J12	A25325-008	14	450128	6062887	257	5a			X				PC
MOB920071	East side of Wekusko Lake	63J12	A25325-008	14	449913	6063668	257	R1			X				PC
MOB920072	East side of Wekusko Lake	63J12	A25325-008	14	449320	6062502	257	R1			X				PC
MOB920073	East side of Wekusko Lake	63J12	A25325-008	14	448867	6062406	257	R1			X				PC
MOB920074	East side of Wekusko Lake	63J12	A25325-008	14	447980	6061816	257	R1			X				PC
MOB920075	East side of Wekusko Lake	63J12	A25325-008	14	447883	6063390	257	R1			X				PC
MOB920076	East side of Wekusko Lake	63J12	A25325-008	14	449281	6064901	257	R1			X				PC
MOB920077	East side of Wekusko Lake	63J12	A25325-008	14	449467	6066082	257	R1			X				PC
MOB920078	East side of Wekusko Lake	63J12	A25325-008	14	448540	6066381	257	5a		X		X			PC
MOB920079	East side of Wekusko Lake	63J12	A25325-008	14	448100	6066175	257	R1		X	X				PC
MOB920080	South shore of Wekusko Lake	63J12	A25325-058	14	447454	6055428	257	R2		X					PC
MOB920081	South shore of Wekusko Lake	63J12	A25325-058	14	445693	6054996	257	R1			X				DLMT
MOB920082	West shore of Wekusko Lake	63J12	A25325-058	14	444219	6056638	257	5b/4							PC
MOB920083	West shore of Wekusko Lake	63J12	A25325-058	14	446037	6058892	257	R1			X				PC
MOB920084	West shore of Wekusko Lake	63J12	A25325-058	14	445872	6060150	282	R1	X			X	92MOB0057	92MOB0059	PC
MOB920085	West shore of Wekusko Lake	63J12	A25325-057	14	445073	6061536	259	1a	X			X	92MOB0060	92MOB0062	BRCC
MOB920086	Island on west shore of Wekusko Lake	63J12	A25325-057	14	445485	6061627	257	1a			X				PC
MOB920087	West shore of Wekusko Lake	63J12	A25325-057	14	444890	6062065	257	R1			X				PC
MOB920088	West shore of Wekusko Lake	63J12	A25325-057	14	444010	6063119	282	R1	X			X	92MOB0063	92MOB0064	BRCC
MOB920089	Along HWY east of Wekusko	63J12	A25325-003	14	451286	6046942	277	5a	X			X	92MOB0066		DLMT
MOB920090	Along HWY east of Herb Lake Landing	63J12	A25325-003	14	450027	6047298	274	1b	X			X	92MOB0067	92MOB0068	DLMT
MOB920091	Quarry south of Wekusko Lk	63J12	A25325-058	14	444986	6054376	267	R2			X				DLMT
MOB920092	Along HWY, south of Wekusko Lk	63J12	A25325-003	14	443205	6055708	271	1a	X			X	92MOB0070	92MOB0071	MSDM
MOB920093	Along main HWY, west of Snow Lake road	63K09	A24478-057	14	435300	6054050	274	5a	X		X	X	92MOB0076	92MOB0077	DLMT
MOB920094	Along main HWY, west of Wekusko	63K09	A24478-058	14	427839	6053403	283	5a			X				PC
MOB920095	Along main HWY, west of Wekusko	63K09	A24478-058	14	427408	6053204	284	1b	X		X	X	92MOB0079	92MOB0080	DLMT
MOB920096	Along HWY 39	63K09	A24478-059	14	427112	6053360	284	5a	X	X	X	X	92MOB0082	92MOB0083	DLMT
MOB920097	Along HWY 39	63K09	A24478-059	14	426231	6053119	284	5a			X				DLMT
MOB920098	South of Tramping Lake	63K09	A24478-059	14	425041	6052310	277	5a			X				DLMT
MOB920099	South of Tramping Lake	63K09	A24478-059	14	424796	6052367	276	1b	X		X	X	92MOB0085	92MOB0087	DLMT
MOB920100	South of Tramping Lake	63K09	A24478-059	14	424695	6052286	276	5a			X				DLMT
MOB920101	South of quarry near Tramping Lake	63K09	A24478-059	14	424732	6051983	279	5a	X		X	X	92MOB0089		DLMT
MOB920102	South of Tramping Lake	63K09	A24478-059	14	424098	6051745	284	5a	X		X	X	92MOB0090	92MOB0092	DLMT
MOB920103	South of Tramping Lake	63K09	A24478-059	14	423569	6051703	290	1b	X			X	92MOB0093	92MOB0095	DLMT
MOB920104	South of Tramping Lake	63K09	A24478-059	14	423032	6051296	287	1b	X			X	92MOB0096		DLMT
MOB920105	South of Tramping Lake	63K09	A24478-059	14	423117	6051537	285	1b			X				DLMT
MOB920106	South of Tramping Lake	63K09	A24478-059	14	422294	6051508	285	1b	X			X	92MOB0097	92MOB0099	DLMT
MOB920107	South of Tramping Lake	63K09	A24478-059	14	422047	6051565	285	5a	X	X	X	X	92MOB0100		DLMT
MOB920108A	South of Tramping Lake	63K09	A24478-059	14	421700	6051750	284	5a			X				DLMT
MOB920108B	South of Tramping Lake	63K09	A24478-059	14	421700	6051750	285	5a	X			X	92MOB0101	92MOB0103	DLMT
MOB920109	Pit east of Bucks Bay	63K09	A24478-060	14	418451	6053083	290	3		X					SNDS
MOB920110	Ridge west of station 109	63K09	A24478-060	14	418160	6052359	290	3				X			DLMT
MOB920111	South of pit 109	63K09	A24478-059	14	418627	6051628	296	5c			X				DLMT
MOB920112	Along main HWY	63K09	A24478-059	14	418023	6051261	293	1b	X		X	X	92MOB0105	92MOB0107	DLMT
MOB920113	Along main HWY	63K09	A24478-060	14	416947	6050847	288	5a	X			X	92MOB0108	92MOB0110	DLMT
MOB920114	East shore of Wekusko Lk	63J12	A25325-007	14	449400	6058300	257	R1			X				DLMT
MOB920115	East shore of Wekusko Lk	63J12	A25325-007	14	449250	6058100	257	R1			X				PC
MOB920116	East shore of Wekusko Lk	63J12	A25325-007	14	449400	6057600	257	R1			X				PC
MOB920117	East shore of Wekusko Lk	63J12	A25325-007	14	449150	6057500	257	R1		X	X				PC
MOB920118	Logged area	63K09	A24478-061	14	416002	6049524	293	1b	X			X	92MOB0111	92MOB0113	DLMT
MOB920119	Logged area	63K09	A24478-061	14	416005	6050232	293	1b	X			X	92MOB0114	92MOB0116	DLMT
MOB920120	South of Reed Lake	63K09	A24478-061	14	415268	6050199	290	1b			X				DLMT
MOB920121	Along main HWY	63K09	A24478-061	14	414429	6049579	305	1b	X			X	92MOB0117	92MOB0119	DLMT
MOB920122	South of Reed Lake	63K09	A24478-061	14	413654	6049067	297	5c	X	X					DLMT
MOB920123	South of Reed Lake	63K09	A24478-061	14	413627	6048921	299	2b	X	X		X	92MOB0120		DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB910103	6.3 km from edge of map	63J04	A24477-015	14	438199	5989668	270	5a	X						DLMT
MOB910104	7.9 km from edge of map	63J04	A24477-015	14	438930	5991121	270	1b			X				DLMT
MOB910105	3.4 km from corner with road	63J04	A24477-069	14	436142	5994371	274	1b			X				DLMT
MOB910106	4 km from corner	63J04	A24477-069	14	435580	5994431	270	1b			X				DLMT
MOB910107	4.55 km from corner, on first corner	63J04	A24477-069	14	435590	5994429	270	1b	X		X	X	91MOB0020	91MOB0020h	DLMT
MOB910108	5 km from corner	63J04	A24477-069	14	434794	5994643	270	R2			X				DLMT
MOB910109	Edge of mapping area	63K01	A24477-068	14	432715	5994964	271	R2			X				DLMT
MOB910110	The Pas moraine	63K03	A24477-031	14	350786	5986291	285	2b	X			X	91MOB0021	91MOB0021h	DLMT
MOB910111	The Pas moraine	63K03	A24477-052	14	348391	5995709	295	2b	X			X	91MOB0022	91MOB0022h	DLMT
MOB910112	In front of The Pas moraine	63K03	A24477-052	14	346830	5999801	285	1b			X				DLMT
MOB910113	Gravel road towards Rocky Lake	63K03	A24477-051	14	343644	6000122	285	1b	X		X	X	91MOB0023	91MOB0023h	DLMT
MOB910114	Gravel road towards Rocky Lake	63K03	A24477-051	14	346134	6001624	292	1b			X				DLMT
MOB910115A	HWY 10 towards Wanless	63K03	A24477-051	14	346334	6001381	295	R2			X				DLMT
MOB910115B	HWY 10 towards Wanless	63K03	A24477-051	14	346426	6000957	286	R2	X	X	X	X	91MOB0024		DLMT
MOB910115C	HWY 10 towards Wanless	63K03	A24477-051	14	346466	6000967	286	R2			X				DLMT
MOB910115D	HWY 10 towards Wanless	63K03	A24477-051	14	346563	6000091	285	R2			X				DLMT
MOB910116	Rocky Lake - Wanless	63K03	A24477-116	14	344005	6005417	262	R2		X	X				DLMT
MOB910117	Rocky Lake	63K03	A24477-116	14	343753	6006163	272	R2			X				DLMT
MOB910118	North of Rocky Lake	63K03	A24477-117	14	339790	6007820	271	R2	X			X	91MOB0025	91MOB0025h	DLMT
MOB910119	North of Rocky Lake	63K03	A24477-118	14	339293	6007857	272	R2			X				DLMT
MOB910120	Near Wanless	63K03	A24477-051	14	346943	5999765	285	1b			X				DLMT
MOB910121	Near Wanless	63K03	A24477-051	14	347314	5999749	285	1b			X				DLMT
MOB910122	Near Wanless	63K03	A24477-051	14	349546	6000003	287	1b			X	X	91MOB0026	91MOB0026h	DLMT
MOB910123	Near Wanless	63K03	A24477-052	14	350116	6000399	287	1b			X				DLMT
MOB910124	Near Wanless	63K03	A24477-114	14	353089	6003362	341	5c	X			X	91MOB0027A, B	91MOB0027h	DLMT
MOB910125	Near Wanless	63K03	A24477-114	14	354779	6011559	315	R2			X				DLMT
MOB910126	Near Wanless	63K03	A24477-114	14	355826	6011553	308	2b	X			X	91MOB0028	91MOB0028h	DLMT
MOB910127	Near Wanless	63K03	A24477-115	14	348718	6011610	292	1b	X			X	91MOB0029	91MOB0029h	DLMT
MOB910128	Road west of Rocky Lk	63K04	A24477-119	14	329611	6008348	285	R2			X				DLMT
MOB910129	Road west of Rocky Lk	63K04	A24477-119	14	329538	6007680	282	1b			X				DLMT
MOB910130	HWY 10 to Flin Flon	63K06	A24477-241	14	345461	6031035	285	R2			X				DLMT
MOB910131	HWY 10 to Flin Flon	63K06	A24477-241	14	345484	6030874	287	R2			X				DLMT
MOB910132	HWY 10 to Flin Flon	63K06	A24477-241	14	346014	6030767	288	R2			X				DLMT
MOB910133	HWY 10 to Flin Flon	63K06	A24477-241	14	345861	6030384	295	R2			X				DLMT
MOB910134	Road to Denare Beach	63L09	A20745-173	13	689383	6060950	312	3							PC
MOB910135	Road to Denare Beach	63L09	A20745-173	13	690431	6063750	328	2a			X				PC
MOB910136	Road to Denare Beach	63L09	A20745-173	13	691240	6064850	335	2a			X				PC
MOB910137	Road to Denare Beach	63K12	A24478-166	14	311500	6069550	328	R1			X				PC
MOB910138	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	315717	6099362	354	5c							PC
MOB910139	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	315683	6100400	347	R1	X		X	X	91MOB0030	91MOB0030h	MSDM
MOB910140	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	315629	6101059	347	1a			X				PC
MOB910141	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	315785	6101310	347	1a			X				PC
MOB910142	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	315636	6101061	347	1a			X				PC
MOB910143	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	317198	6101171	347	1a			X				PC
MOB910144	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	317596	6101656	351	1a			X				PC
MOB910145	Near Saskatchewan border, road north of Kississing Lake	63N04	A27118-069	14	317838	6102000	354	1a			X				PC
MOB910146	0.5 km from end of road, road north of Kississing Lake	63N04	A24742-136	14	317705	6103051	354	1a			X				PC
MOB910147	Road north of Kississing Lake	63N04	A27118-069	14	319270	6101831	343	R1			X				PC
MOB910148	Road north of Kississing Lake	63N04	A27118-070	14	320034	6101395	339	1a			X				PC
MOB910149	Road north of Kississing Lake	63N04	A27118-070	14	320526	6100411	339	1a			X				PC
MOB910150	Road north of Kississing Lake	63N04	A27118-070	14	320710	6099252	339	1a			X				PC
MOB910151	Road north of Kississing Lake	63N04	A27118-070	14	321635	6098862	347	1a			X				PC
MOB910152	Road north of Kississing Lake	63N04	A27118-071	14	322075	6098665	339	5c			X				PC
MOB910153	Road north of Kississing Lake	63N04	A27118-071	14	322186	6098444	343	5c							PC
MOB910154	Road north of Kississing Lake	63K13	A27118-071	14	322950	6097200	343	5c			X				PC
MOB910155	Road north of Kississing Lake	63K13	A27118-071	14	323398	6097125	343	1a			X				PC
MOB910156	Road north of Kississing Lake	63K13	A27118-071	14	324438	6097220	343	1a	X		X	X	91MOB0031	91MOB0031h	MSDM
MOB910157	Road north of Kississing Lake	63K13	A27118-071	14	325325	6097551	343	1a			X				PC
MOB910158	Road north of Kississing Lake	63K13	A27118-071	14	328381	6097495	343	1a			X				PC
MOB910159	On road towards Sherridon	63K14	A24682-186	14	347056	6088784	340	R1			X				PC
MOB910160	On road towards Sherridon	63K14	A27118-078	14	357874	6092056	343	R1			X				PC
MOB910161	On road towards Sherridon	63K14	A27118-078	14	357541	6092028	335	1a			X				PC
MOB910162	On road towards Sherridon	63K14	A27118-078	14	356091	6091572	335	R1			X				PC
MOB910163	On road towards Sherridon	63K14	A27118-078	14	359931	6095100	328	R1			X				PC

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB910001	In small park in the centre of town, Flin Flon	63K13	A27118-034	14	315169	6072810	305	R1		X	X				PC
MOB910002A	Chisel Lake Mine sampling grid	63K16	A25336-041	14	428964	6075483	305	1a	X		X				PC
MOB910004	NW of Flin Flon	63K13	A27118-063	14	312698	6078810	351	R1			X				PC
MOB910005A	NW of Flin Flon	63K13	A27118-063	14	312623	6081663	366	R1	X		X				PC
MOB910005B	NW of Flin Flon	63K13	A27118-063	14	312518	6081533	351	R1			X				PC
MOB910006	NW of Flin Flon	63K13	A27118-062	14	312921	6081566	351	4							PC
MOB910007	NW of Flin Flon	63K13	A27118-060	14	323964	6081636	335	1a			X				PC
MOB910008	NW of Flin Flon	63K13	A27118-060	14	321917	6081541	358	R1		X	X				PC
MOB910009	NW of Flin Flon	63K13	A27118-060	14	321175	6082111	351	R1			X				PC
MOB910010	NW of Flin Flon	63K13	A27118-061	14	315550	6080875	320	4							PC
MOB910011	NW of Flin Flon	63K13	A27118-061	14	319204	6077973	335	4							PC
MOB910012	NW of Flin Flon	63K13	A27118-061	14	318815	6076970	343	R1	X		X	X	91MOB0001	91MOB0001h	PC
MOB910013	Near Flin Flon	63K13	A27118-061	14	317715	6075337	358	R1			X				PC
MOB910014	Near Flin Flon	63K13	A27118-061	14	317656	6075438	351	R1		X	X				PC
MOB910015	Near Flin Flon	63K13	A27118-061	14	317768	6075549	351	R1			X				PC
MOB910016	Near Flin Flon	63K13	A27118-061	14	317163	6074376	312	1a			X				PC
MOB910017	SE of Flin Flon	63K13	A27118-035	14	318764	6072119	351	1a	X						PC
MOB910018	SE of Flin Flon	63K13	A27118-035	14	318572	6071956	343	1a			X				PC
MOB910019	SE of Flin Flon	63K12	A27118-035	14	319565	6069111	328	1a			X				PC
MOB910020	SE of Flin Flon	63K12	A24478-026	14	322050	6064111	312	5a	X		X				PC
MOB910021	SE of Flin Flon	63K12	A24478-026	14	321009	6060596	297	5a	X		X				PC
MOB910022	SE of Flin Flon	63K12	A24478-026	14	321760	6063497	312	4	X						PC
MOB910023	SE of Flin Flon	63K12	A24478-026	14	321918	6064172	312	4	X			X	91MOB0002		PC
MOB910024	S of Cranberry Portage	63K06	A24477-241	14	345825	6038340	288	7a							DLMT
MOB910025	30 steps west of railroad track, S of Cranberry Portage	63K06	A24477-241	14	345607	6038260	288	7a							DLMT
MOB910026	S of Cranberry Portage	63K06	A24477-241	14	345549	6037256	295	5a							DLMT
MOB910027	INQUA site 40	63K06	A24477-241	14	345848	6037323	295	R2			X				DLMT
MOB910028	Road section - INQUA site	63K06	A24477-241	14	346435	6034550	298	2b	X		X	X	91MOB0003	91MOB0003h	DLMT
MOB910051	Outlier, road to Snow Lake	63J12	A24478-141	14	436605	6065413	293	R1	X			X	91MOB0005	91MOB0005h	GRNT
MOB910052	Outlier, road to Snow Lake	63J12	A24478-141	14	437378	6065419	294	R1	X			X	91MOB0006	91MOB0006h	GRNT
MOB910053	Outlier, road to Snow Lake	63J12	A24478-141	14	437098	6066101	294	1a	X		X	X	91MOB0007	91MOB0007h	GRNT
MOB910054	Road to Snow Lake	63J12	A24478-112	14	437001	6062891	288	1a							PC
MOB910055	Road to Snow Lake	63J12	A24478-112	14	437150	6060925	273	5a			X				PC
MOB910056	Road to Snow Lake	63J12	A24478-112	14	437822	6059482	282	5a			X				PC
MOB910057	Road to Snow Lake	63J12	A24478-112	14	437768	6058217	274	5a			X				PC
MOB910058	Road to Snow Lake	63J12	A24478-112	14	437700	6057650	274	R1	X		X	X	91MOB0008	91MOB0008h	GBBR
MOB910059	Road to Snow Lake	63J12	A24478-112	14	437790	6056703	270	5a			X				PC
MOB910066A	Road to Grand Rapids	63J03	A24919-017	14	487717	5983803	279	R2			X		91MOB0011		DLMT
MOB910066B	Road to Grand Rapids	63J03	A24919-017	14	487754	5983756	282	5c	X	X	X	X			DLMT
MOB910067	Road to Grand Rapids	63J03	A24919-017	14	488110	5986428	259	1b	X			X	91MOB0012A, B	91MOB0012h	DLMT
MOB910074	On the railroad from Chisel Lk mine	63K10	A24478-149	14	397388	6066478	305	5a	X		X				PC
MOB910075	On the railroad from Chisel Lk mine	63K10	A24478-149	14	399314	6066705	297	5a			X				PC
MOB910076	On the railroad from Chisel Lk mine	63K10	A24478-148	14	400143	6066433	290	R1			X				PC
MOB910077	On the railroad from Chisel Lk mine	63K10	A24478-148	14	403000	6065900	282	4							PC
MOB910078	Outcrop on the road to Snow Lake	63J13	A24478-141	14	436875	6074000	274	1a			X				PC
MOB910079	On the road to Herb Lake Landing (HLL)	63J12	A25325-005	14	449418	6054361	279	R2							DLMT
MOB910080	Near HLL, bench mark	63J12	A25325-005	14	448392	6051537	279	R2			X				DLMT
MOB910081	Accross bench mark	63J12	A25325-005	14	448421	6051727	279	1b	X			X	91MOB0013	91MOB0013h	DLMT
MOB910086	HWY 287 towards Cormorant	63K02	A24477-026	14	378201	5987466	265	R2			X				DLMT
MOB910087	HWY 287 towards Cormorant	63K02	A24477-026	14	378372	5987602	265	R2			X				DLMT
MOB910088	HWY 287 towards Cormorant	63K02	A24477-026	14	379603	5988147	267	R2			X				DLMT
MOB910089	HWY 287 towards Cormorant	63K02	A24477-026	14	380303	5988742	268	R2			X				DLMT
MOB910090	HWY 287 towards Cormorant	63K02	A24477-058	14	382819	5991520	265	R2			X				DLMT
MOB910091	HWY 287 towards Cormorant	63K02	A24477-106	14	394369	6008179	257	R2			X				DLMT
MOB910092	HWY 287 towards Cormorant	63K02	A24477-107	14	392461	6005860	285	1b	X		X	X	91MOB0016	91MOB0016h	DLMT
MOB910093	HWY 287 towards Cormorant	63K02	A24477-107	14	392492	6005615	285	R2			X				DLMT
MOB910094	HWY 287 towards Cormorant	63K02	A24477-107	14	392333	6004281	275	R2			X				DLMT
MOB910095	HWY 287 towards Cormorant	63K02	A24477-107	14	392354	6004013	258	1b			X				DLMT
MOB910096	HWY 287 towards Cormorant	63K02	A24477-059	14	386850	5997350	261	2b							DLMT
MOB910097	HWY 287 towards Cormorant	63K02	A24477-059	14	387039	5996312	271	2b	X			X	91MOB0017	91MOB0017h	DLMT
MOB910098	HWY 287 towards Cormorant	63K02	A24477-058	14	385662	5996044	263	1b			X				DLMT
MOB910099	HWY 287 towards Cormorant	63K02	A24477-026	14	378309	5988710	272	1b	X			X	91MOB0018	91MOB0018h	DLMT
MOB910101	1 km from edge of map	63J04	A24477-015	14	434925	5985248	276	1b	X		X	X	91MOB0019	91MOB0019h	DLMT
MOB910102	2.4 km from edge of map	63J04	A24477-015	14	435530	5986421	268	R2			X				DLMT

APPENDIX I. Site Location and Description

LEGEND:

Map unit

Surficial geology map unit
7b - Fen peat
7a - Bog peat
6 - Alluvial deposits
5c - Nearshore and littoral sediments
5b - Offshore sediments
5a - Offshore sediment veneer
4 - Subaqueous outwash sediments
3 - Ice contact stratified drift
2a - Non-calcareous till blanket
2b - Calcareous till blanket
1a - Non-calcareous till veneer
1b - Calcareous till veneer
R2 - Paleozoic bedrock
R1 - Precambrian bedrock

Underlying bedrock

Bedrock unit at recorded site
ACIV - acid intrusive
AEXV - acid extrusive
BCIV - basic intrusive
BEXV - basic extrusive
BRCC - breccia
BSLT - basalt
DLMT - dolomite
GBBR - gabbro
GNSS - gneiss
GRCS - greenschist
GRNG - granite gneiss
GRNS - greenstone rocks
GRNT - granite
IEXV - intermediate extrusive
IGRK - undifferentiated igneous rocks
IMIV - intermediate intrusive
MPRK - undifferentiated metamorphic rocks
MSDM - metasediments
MVCC - metavolcanics
PC - undifferentiated Precambrian rocks
RYLT - rhyolite
SNDS - Paleozoic sandstone
UMFC - ultramafics

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
JEC922128		63K12		14	313420	6068250					X				
JEC922129		63K12		14	313410	6067425					X				
JEC922130		63K12		14	313290	6066560					X				
JEC922131		63K12		14	312100	6064340					X				
JEC922132		63K12		14	311900	6063580					X				
JEC922133		63K12		14	310245	6063080					X				
JEC922134		63K12		14	309725	6062350					X				
JEC922135		63K12		14	312325	6061490					X				
JEC922136		63K12		14	312640	6061000					X				
JEC922137		63K12		14	313770	6059950					X				
JEC922138		63K12		14	307600	6068425					X				
JEC922139		63L09		13	692750	6069750					X				
JEC922140		63L09		13	690475	6070575					X				
JEC922141		63L09		13	689250	6062925					X				
JEC922142		63K12		14	315060	6065600					X				
JEC922143		63K12		14	315200	6068080					X				
JEC922144		63K12		14	314840	6067125					X				
JEC922145		63K12		14	313970	6064585					X				
JEC922146		63K12		14	313350	6069975					X				
JEC922147		63K12		14	308520	6069290					X				
JEC922148		63K12		14	316320	6067675					X				
JEC922149		63L09		13	685750	6070175					X				
JEC922150		63L09		13	686375	6070250					X				
JEC922151		63L09		13	686960	6069725					X				
JEC922152		63L09		13	686625	6068350					X				
JEC922153		63L09		13	685725	6069310					X				
JEC922154		63L09		13	686690	6066080					X				
JEC922155		63K12		14	309865	6066250					X				
JEC922156		63L09		13	693350	6062850					X				
JEC922157		63K12		14	310310	6066615					X				
JEC922158		63K12		14	310980	6063230					X				
JEC922159		63K12		14	309880	6060380					X				
JEC922160		63K12		14	308680	6057900					X				
JEC922161		63K12		14	314020	6058360					X				
JEC922162		63K12		14	316000	6059310					X				
JEC922163		63K12		14	313800	6062750					X				
JEC922164		63L09		13	692930	6064570					X				
JEC922165		63K12		14	307435	6065725					X				
JEC922166		63K12		14	308230	6065350					X				
JEC922167		63K12		14	312260	6068290					X				
JEC922168		63K12		14	311940	6067975					X				
JEC922169		63K12		14	690025	6058770					X				
JEC922170		63K13		14	314525	6070700					X				
JEC922171		63K12		14	306550	6058400					X				
JEC922172		63K12		14	332800	6060000					X				
JEC922173		63K12		14	310120	6062280					X				
JEC922174		63K12		14	309480	6062350					X				
JEC922175		63K12		14	309100	6062150					X				
JEC922176		63K12		14	311600	6063470					X				
JEC922177		63K12		14	312160	6063780					X				
JEC922178		63K12		14	307275	6064275					X				
JEC922179		63K12		14	306850	6067420					X				
JEC922180		63K12		14	308460	6067690					X				
JEC922181		63L09		13	689840	6066450					X				
JEC922182		63L09		13	689150	6064660					X				
JEC922183		63L09		13	663800	6045400					X				
JEC922184		63K12		14	308050	6055175					X				
JEC922185		63K12		14	308190	6055000					X				
JEC922186		63K12		14	308225	6054250					X				
JEC922187		63K12		14	308575	6053860					X				
JEC922188		63K12		14	310110	6054600					X				
JEC922189		63K12		14	309150	6049800					X				
JEC922190		63K12		14	311390	6051250					X				
JEC922191		63K12		14	311740	6049025					X				

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
JEC922192		63K12		14	311960	6048550					X				
JEC922193		63L09		13	692010	6047720					X				
JEC922194		63L09		13	692300	6047675					X				
JEC922195		63L09		13	671500	6068825					X				
JEC922196		63L09		13	668740	6066960					X				
JEC922197		63L09		13	689150	6062025						X	92HJB2071		
JEC922198		63K12		14	313420	6068250						X	92HJB2072		
JEC922199		63K12		14	314725	6065300						X	92HJB2073		
JEC922200		63K12		14	315725	6068275						X	92HJB2074		
JEC922201		63K12		14	313080	6063260						X	92HJB2075		
JEC922202		63L09		13	690900	6060375						X	92HJB2076		
JEC922203		63K12		14	308420	6058515						X	92HJB2077		
JEC922204		63K12		14	311940	6097975						X	92HJB2078		
MOB920001	Near Herb Lake Rd	63J12	A25325-005	14	449581	6050986	280	2b	X	X		X	92MOB0001	92MOB0002	DLMT
MOB920002A	Pit on road towards Wekusko	63J12	A25325-003	14	450125	6045700	282	4	X	X	X				DLMT
MOB920002B	Pit on road towards Wekusko	63J12	A25325-003	14	450125	6045700	282	4		X		X	92MOB0052		DLMT
MOB920003	HWY 6	63J03	A25335-195	14	488277	5987724	252	5a				X			DLMT
MOB920004	Hydro-line, HWY 6	63J03	A25335-195	14	488712	5987541	252	R2		X					DLMT
MOB920005	HWY 6	63J03	A25335-195	14	488769	5988394	250	R2	X						DLMT
MOB920006	HWY 6	63J03	A25335-195	14	489082	5989525	248	5a		X	X				DLMT
MOB920007	HWY 6	63J03	A25335-195	14	488968	5989096	248	R2	X			X	92MOB0005		DLMT
MOB920008	HWY 6	63J03	A25335-195	14	489083	5989755	248	5a			X				DLMT
MOB920009	Near S limit NATMAP	63J03	A24919-016	14	487175	5983781	282	1b	X			X	92MOB0008, 0009	92MOB0006	DLMT
MOB920010	S end of NATMAP	63J03	A24919-016	14	487886	5985368	282	5c		X					DLMT
MOB920011	HWY 6	63J03	A25335-194	14	489060	5989996	248	5a			X				DLMT
MOB920012	Oakley creek	63J03	A25335-194	14	489230	5990273	247	5b	X	X	X				DLMT
MOB920013	Minago river	63J03	A25330-184	14	492399	6005012	244	5c	X	X					DLMT
MOB920014	Minago river area	63J03	A25330-184	14	490354	6004083	248	5a		X	X				DLMT
MOB920015	Benchmark T60R12W, HWY 6	63J03	A25330-183	14	488482	6004479	244	5b	X						DLMT
MOB920016	Minago quarry	63J03	A25330-183	14	488696	6005397	236	5a			X				DLMT
MOB920017	Minago river area	63J03	A25330-183	14	489048	6005732	235	6	X			X			DLMT
MOB920018	Near Minago river	63J03	A25330-183	14	489067	6006397	235	R2		X	X				DLMT
MOB920019	Ponton beach	63J06	A25330-136	14	495053	6026599	238	5c	X	X					DLMT
MOB920020	Hargrave river	63J06	A25330-136	14	495610	6027941	235	6	X	X					DLMT
MOB920033	Rd to Wabowden	63J11	A25325-121	14	499427	6060705	235	5a			X				GRNT
MOB920034	Rd to Wabowden	63J11	A25325-121	14	499280	6060564	235	5c			X				GRNT
MOB920035	Rd to Wabowden	63J11	A25325-122	14	496578	6059712	238	5a	X		X	X	92MOB0019	92MOB0020	GRNT
MOB920036	Rd to Wabowden	63J11	A25325-122	14	495832	6059729	236	5a			X				PC
MOB920037	Near Ponton quarry	63J11	A25325-110	14	493656	6056363	250	7a	X	X		X			DLMT
MOB920038	Near Ponton quarry	63J11	A25325-110	14	493686	6056135	252	1b	X	X		X	92MOB0023		DLMT
MOB920039	Bedrock quarry	63J11	A25325-110	14	493924	6055619	253	5c	X	X					DLMT
MOB920040	Bedrock quarry	63J11	A25322-511	14	493549	6055649	255	1b	X		X	X	92MOB0024	92MOB0026	DLMT
MOB920041	Quarry near Ponton	63J11	A25322-511	14	493219	6055850	255	5c	X			X	92MOB0027	92MOB0028	DLMT
MOB920042	HWY 39	63J12	A25325-173	14	467183	6049271	265	5b		X					DLMT
MOB920043	Bedrock quarry south of Sunday Lake	63J12	A25325-003	14	452837	6045904	274	5a	X	X	X	X	92MOB0029	92MOB0030	DLMT
MOB920044	Wekusko area	63J12	A25325-003	14	451118	6039268	283	R2			X				DLMT
MOB920045	South of Wekusko	63J05	A25325-003	14	451150	6038600	282	R2			X				DLMT
MOB920046	South of Wekusko	63J05	A25325-003	14	451170	6038250	280	R2			X				DLMT
MOB920047	SW of Wekusko - along logging rd	63J05	A25325-020	14	448548	6035727	277	1b	X		X	X	92MOB0032	92MOB0034	DLMT
MOB920048	SW of Wekusko	63J05	A24477-221	14	445619	6034922	277	5a	X	X		X	92MOB0035	92MOB0037	DLMT
MOB920049	SW of Wekusko	63J05	A24477-221	14	446685	6035147	277	5a	X	X	X	X	92MOB0038		DLMT
MOB920050	SW of Wekusko	63J05	A24477-221	14	447492	6035510	277	1b	X			X	92MOB0039	92MOB0041	DLMT
MOB920051	South of Wekusko	63J05	A25325-002	14	448712	6036376	279	R2			X				DLMT
MOB920052	SW of Wekusko	63J05	A24477-222	14	447439	6035270	276	R2			X				DLMT
MOB920053	SW of Wekusko	63J05	A24477-222	14	447269	6035037	274	R2			X				DLMT
MOB920054	SW of Wekusko	63J05	A24477-222	14	446951	6034814	273	R2			X				DLMT
MOB920055	SW of Wekusko	63J05	A24477-222	14	445659	6034376	277	R2			X				DLMT
MOB920056	SW of Wekusko	63J05	A24477-221	14	446014	6034742	277	R2			X				DLMT
MOB920057	SW of Wekusko	63J05	A24477-221	14	447107	6035240	276	R2			X				DLMT
MOB920058	SW of Wekusko	63J05	A24477-221	14	447184	6035398	276	R2			X				DLMT
MOB920059	South of Wekusko	63J05	A25325-002	14	450709	6039200	282	1b	X	X	X	X	92MOB0042	92MOB0044	DLMT
MOB920060	Wekusko burrow pit	63J12	A25325-003	14	450629	6039708	284	5c	X	X		X	92MOB0045	92MOB0047	DLMT
MOB920061	Along road towards Wekusko	63J12	A25325-003	14	452309	6040569	280	5c			X				DLMT
MOB920062	Along road towards Wekusko	63J12	A25325-003	14	451253	6042018	276	R2			X				DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB910164	Gravel pit south of Sherridon	63N03	A24741-012	14	367893	6108017	338	2a	X	X	X				PC
MOB910165	Small road towards mine	63N03	A27118-081	14	367009	6099338	342	R1			X				PC
MOB910166	Small road towards mine	63N03	A27118-081	14	369191	6099688	305	4	X						PC
MOB910167	Small road towards mine	63N03	A27118-081	14	370024	6099685	346	4	X		X	X	91MOB0032	91MOB0032h	MSDM
MOB910168	Small road towards mine	63N03	A27118-081	14	370661	6099645	349	R1		X	X				PC
MOB910169	Small road towards mine	63N03	A27118-081	14	371290	6100000	347	1a		X	X				PC
MOB910170	Small road towards mine	63N03	A27118-081	14	372582	6100279	343	1a			X				PC
MOB910171	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369147	6051387	297	1a	X			X	91MOB0033A, B, C	91MOB0033h	GRNT
MOB910172	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369710	6050730	305	5c							PC
MOB910173	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	370255	6049783	312	R2	X		X	X	91MOB0034	91MOB0034h	DLMT
MOB910174	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369906	6049410	320	1b			X				DLMT
MOB910175	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	368069	6049147	297	1b			X				DLMT
MOB910176	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369475	6048000	312	1b			X				DLMT
MOB910177	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369338	6047436	312	1b			X				DLMT
MOB910178	Small road to the east of Simonhouse Lk	63K11	A24478-069	14	369390	6047086	312	R2			X				DLMT
MOB910179A	Small road to the south of HWY 39	63K11	A24478-069	14	369407	6046466	323	R2			X				DLMT
MOB910179B	Small road to the south of HWY 39	63K11	A24478-015	14	369077	6044589	312	R2			X				DLMT
MOB910180	Small road to the south of HWY 39	63K11	A24478-014	14	368628	6042013	308	1b			X				DLMT
MOB910181	Small road to the south of HWY 39	63K11	A24478-014	14	367549	6045118	312	1b			X				DLMT
MOB910182	450 m east of bench mark, HWY 39	63K11	A24478-014	14	365521	6045094	297	1b			X				DLMT
MOB910183	at bench mark, HWY 39	63K11	A24478-014	14	365985	6044325	304	1b			X				DLMT
MOB910184	HWY 39	63K11	A24478-014	14	364910	6044075	310	1b	X		X	X	91MOB0035	91MOB0035h	DLMT
MOB910185	HWY 39	63K11	A24478-014	14	364040	6043872	305	1b			X				DLMT
MOB910186	HWY 39	63K11	A24478-014	14	362026	6043629	305	5c							DLMT
MOB910187	HWY 39	63K11	A24478-014	14	360428	6041965	308	1b			X				DLMT
MOB910188A	HWY 39	63K11	A24478-014	14	360264	6041461	312	1b			X				DLMT
MOB910188B	HWY 39	63K11	A24478-014	14	360264	6041461	312	1b	X		X	X	91MOB0036		DLMT
MOB910189	HWY 39	63K11	A24478-014	14	360000	6040750	305	1b			X				DLMT
MOB910190	HWY 39	63K06	A24478-014	14	359823	6041000	305	R2			X				DLMT
MOB910199	Near turn-out to Jan Lk	63L15	A20805-095	13	641932	6076950	352	R1			X				PC
MOB910200	Near turn-out to Jan Lk	63L15	A20805-095	13	641290	6076500	343	R1			X				PC
MOB910201	Road towards Denare Beach	63L08	A20672-060	13	683527	6036024	297	R2			X				DLMT
MOB910202	Road towards Denare Beach	63L08	A20672-060	13	685910	6039437	305	1b	X			X	91MOB0041	91MOB0041h	DLMT
MOB910203	Road towards Denare Beach	63L09	A20671-020	13	685375	6045075	305	1b			X				DLMT
MOB910204	Denare Beach area	63L09	A20671-021	13	689449	6044269	322	3							PC
MOB910205	Denare Beach area	63L09	A20671-021	13	690253	6045492	323	3			X				PC
MOB910206	Denare Beach area	63K05	A24478-003	14	307966	6042535	310	1b	X		X	X	91MOB0042	91MOB0042h	DLMT
MOB910207	Denare Beach area	63K05	A24478-003	14	308672	6041145	310	1b			X				DLMT
MOB910208	Denare Beach area	63K12	A27118-027	14	316590	6058300	311	1b			X				DLMT
JEC920001	North Pelican Narrows 2km	63M02	A15137-065	13	632175	6117650	366	1a	X	X	X	X	92JC0062	92JC0063	PC
JEC920002	North Pelican Narrows 2km	63M02	A15137-065	13	632330	6117900	366	1a	X						PC
JEC920003	Sask. TeLK Tower	63M02	A15137-065	13	633375	6118875	358	3	X		X				PC
JEC920004	N of Pelican Narrows 1km	63M02	A15137-065	13	633000	6119250	366	1a	X	X		X	92JC0001	92JC0002	PC
JEC920005	Wunehikun Bay	63M02	A15137-097	13	633450	6120900	320	5a	X	X	X				PC
JEC920006	Wunehikun Bay	63M02	A15137-097	13	633900	6121175	328	3			X				PC
JEC920007	Wunehikun Bay	63M02	A15137-097	13	635100	6120850	308	3	X						PC
JEC920008	Pelican Narrows area	63M02	A15137-097	13	637200	6120925	343	5a	X		X				PC
JEC920009	Pelican Narrows area	63M02	A15137-097	13	639750	6120375	335	3	X	X		X	92JC0064	92JC0065	PC
JEC920010	Pelican Narrows area	63M02	A15137-097	13	641315	6122775	351	1a	X	X	X	X	92JC0003	92JC0004	PC
JEC920011	Pelican Narrows area	63M02	A15137-097	13	642100	6124675	343	5a	X	X					PC
JEC920012	Pelican Narrows E	63M02	A15137-157	13	633740	6115950	328	5a	X						PC
JEC920013	Pelican Narrows E	63M02	A15137-065	13	633500	6116400	351	1a	X	X	X	X	92JC0005	92JC0006	PC
JEC920014	Pelican Narrows E	63M02	A15137-065	13	634260	6115650	332	3	X						PC
JEC920015	Opawikusehikan Narrows	63M02	A15137-065	13	634600	6114150	366	1a	X	X	X	X	92JC0007	92JC0008	PC
JEC920016	Mirond Lake HWY 135	63M02	A15137-065	13	636475	6111535	366	1a	X	X	X	X	92JC0009	92JC0010	PC
JEC920017	Mirond Lake HWY 135	63M02	A15137-043	13	637225	6108340	381	1a	X	X	X	X	92JC0011	92JC0012	PC
JEC920018	HWY 135	63M02	A15137-043	13	636775	6107320	384	R1		X	X				PC
JEC920019	Gravel stockpile, HWY 135	63M02	A15137-043	13	636300	6106475	389	3	X						PC
JEC920020	HWY 135	63M02	A15137-043	13	636730	6103890	381	3	X						PC
JEC920021	HWY 135	63M02	A15137-043	13	637180	6102325	335	1a	X	X		X	92JC0013	92JC0014	PC
JEC920022	HWY 135	63M02	A15137-043	13	638150	6101150	335	1a	X		X	X	92JC0015	92JC0016	PC
JEC920023	Mirond Lake HWY 135	63M02	A15137-009	13	641100	6099360	333	1a	X	X		X	92JC0017, 0018	92JC0019	PC
JEC920024	Silence of the North Lodge	63M02	A15137-009	13	642475	6097775	335	1a	X	X	X	X	92JC0020	92JC0021	PC
JEC920025	Newmart Lodge, HWY 135	63L15	A20805-185	13	642220	6096450	338	5a	X						PC

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB920189	HWY 39	63K09	A24478-061	14	413923	6048725	290	3		X		X	92MOB0252		DLMT
MOB920190	HWY 39	63K09	A24478-060	14	412243	6047565	288	1b	X			X	92MOB0253	92MOB0254	DLMT
MOB920191	HWY 39	63K09	A24478-022	14	406988	6045853	291	5a			X				DLMT
MOB920192	HWY 39	63K09	A24478-022	14	407528	6044548	288	1b	X			X	92MOB0256	92MOB0257	DLMT
MOB920193	HWY 39	63K09	A24478-022	14	407837	6043956	290	3	X	X		X	92MOB0259		DLMT
MOB920194	HWY 39	63K09	A24478-022	14	408137	6042729	293	2b	X			X	92MOB0260	92MOB0261	DLMT
MOB920195	HWY 39	63K09	A24478-022	14	409407	6043109	290	2b	X			X	92MOB0263	92MOB0264	DLMT
MOB920196	HWY 39	63K09	A24478-022	14	406262	6042259	296	2b	X			X	92MOB0266	92MOB0267	DLMT
MOB920197	HWY 39	63K09	A24478-063	14	405253	6047727	289	2b		X					DLMT
MOB920198	Outlier area	63J12	A24478-142	14	437250	6068800	294	R1	X		X	X	92MOB0269		GRNT
MOB920199	Outlier area	63J12	A24478-142	14	437600	6066450	293	R1	X		X	X	92MOB0270		GRNT
MOB920200	Outlier area	63J12	A24478-142	14	437325	6066050	296	2b	X			X	92MOB0271		DLMT
MOB920201	Outlier area	63J12	A24478-142	14	437650	6065850	294	R1	X		X	X	92MOB0272		GRNT
MOB920202	Outlier area	63J12	A24478-142	14	437000	6065850	299	R2	X		X	X	92MOB0273		DLMT
MOB920203	Outlier area	63J12	A24478-142	14	436850	6066500	293	1a	X			X	92MOB0274		GRNT
MOB920204	Outlier area	63J12	A24478-142	14	436550	6066000	291	1a	X		X	X	92MOB0275		GRNT
MOB920205	Outlier area	63J12	A24478-142	14	436650	6065625	294	1a	X			X	92MOB0276		GRNT
MOB920206	Outlier area	63J12	A24478-142	14	436825	6065400	296	2b	X			X	92MOB0277		GRNT
MOB920207	Outlier area	63J12	A24478-142	14	436725	6065450	294	2a	X			X	92MOB0278		GRNT
MOB920208	Outlier area	63J12	A24478-142	14	436850	6065050	294	2a	X		X	X	92MOB0279		GRNT
MOB920209	Tern Lake	63K16	A25336-042	14	430576	6081439	299	1a	X			X	92MOB0280	92MOB0281	PC
MOB920210	Tern Lake	63K16	A25336-042	14	430755	6081361	300	1a	X			X	92MOB0282	92MOB0283	PC
MOB920211	Tern Lake	63K16	A25336-042	14	430913	6081824	299	1a	X			X	92MOB0284	92MOB0285	PC
MOB920212	Tern Lake	63K16	A25336-042	14	431078	6081813	300	1a	X			X	92MOB0286	92MOB0287	PC
MOB920213	Tern Lake	63K16	A25336-042	14	430632	6081929	311	1a	X		X	X	92MOB0288	92MOB0289	PC
MOB920214	Stack Lake	63O04	A25336-106	14	440050	6097100	311	1a	X		X	X	92MOB0290,293	92MOB0292	PC
MOB920215	Chartier Lake	63O04	A25336-107	14	437775	6104100	310	2a	X			X	92MOB0294	92MOB0296	PC
MOB920216	Kotowich Lake	63O04	A25336-108	14	439449	6109142	303	1a	X		X	X	92MOB0297	92MOB0299	PC
MOB920217	Takvor Lake	63O04	A24995-136	14	456511	6119192	311	1a	X		X	X	92MOB0300	92MOB0302	PC
MOB920218	NW of McNeill Lake	63O03	A24995-093	14	469484	6114570	291	1a	X		X	X	92MOB0303	92MOB0305	PC
MOB920219	Dagimodière Lake	63O04	A24995-090	14	467960	6099299	282	1a	X			X	92MOB0306	92MOB0308	PC
MOB920220	Vince Lake	63O04	A24995-140	14	458353	6095664	280	1a	X		X	X	92MOB0309	92MOB0311	PC
MOB920221	Pulver Lake	63O04	A24995--166	14	454887	6099680	299	R1			X				PC
MOB920222	Tern Lake	63K16	A25336-042	14	430766	6082505	320	R1	X			X	92MOB1236	92MOB1237	MVCC
MOB920223	Tern Lake	63K16	A25336-042	14	430456	6081195	302	5c	X			X			MVCC
MOB920224	Tern Lake	63K16	A25336-042	14	430494	6081271	302	1a	X			X	92MOB1238	92MOB1239	MVCC
MOB920225	Stuart Lake	63J13	A24995-159	14	452900	6067950	279	1b	X		X	X	92MOB0321, 324, 325	92MOB0322	MSDM
MOB920226	Monette Lake	63J12	A24995-147	14	457650	6065725	274	1a	X			X	92MOB0326	92MOB0327	PC
MOB920227	Watch Lake	63J12	A25325-170	14	465650	6063550	250	5a	X		X	X	92MOB0329	92MOB0330	GRNS
MOB920228	Hat Lake	63J13	A25325-169	14	466005	6069900	276	1a	X			X	92MOB0332	92MOB0333	PC
MOB920229	Atkins Lake	63J13	A24995-146	14	461250	6075250	284	1a	X			X	92MOB0335, 0336	92MOB0337	PC
MOB920230	Roberts Lake	63J13	A24995-145	14	462075	6080250	282	1a	X			X	92MOB0339	92MOB0340	MSDM
MOB920231	Niblock Lake	63J14	A25325-166	14	467970	6086450	276	1a	X		X	X	92MOB0342	92MOB0343	PC
MOB920232	Road to HLL	63J12	A25325-005	14	449300	6053800	277	R2			X				DLMT
MOB920233	Near HLL - main road	63J12	A25325-005	14	447600	6052375	280	1b			X				GRNT
PAT920001	Outlier area	63J12	A24478-142	14	437200	6065600	296	2b	X		X	X	92MOB0312		GRNT
PAT920002	Outlier area	63J12	A24478-142	14	436700	6065150	294	5a	X			X	92MOB0313		GRNT
PAT920003	Outlier area	63J12	A24478-142	14	436400	6064450	293	1a	X		X	X	92MOB0314		GRNT
PAT920004	Outlier area	63J12	A24478-142	14	436800	6064250	294	1a	X		X	X	92MOB0315		GRNT
PAT920005	Outlier area	63J12	A24478-142	14	436775	6064700	294	1a	X		X	X	92MOB0316		GRNT
PAT920006	Outlier area	63J12	A24478-142	14	436850	6064800	294	1a	X			X	92MOB0317		GRNT
PAT920007	Outlier area	63J12	A24478-142	14	436800	6065225	294	1a	X			X	92MOB0318		GRNT
PAT920008	Outlier area	63J12	A24478-142	14	437225	6065200	296	1a	X		X	X	92MOB0319		GRNT
PAT920009	Outlier area	63J12	A24478-142	14	436450	6065100	294	R1	X	X	X	X	92MOB0320		GRNT
SPH920001		63L16	A20805-106	13	687475	6082000	352					X	92HJB1000		
SPH920002		63L16	A20805-106	13	685180	6082815	354								
SPH920003		63L16	A20805-106	13	685295	6083300	358								
SPH920004		63L16	A20805-106	13	685850	6084300	356								
SPH920005		63L16	A20764-024	13	686650	6084650	346				X	X	92HJB1001	92HJB1001H	
SPH920006		63L16	A20764-024	13	683450	6083860	354					X	92HJB1002	92HJB1002H	
SPH920007		63L16	A20764-024	13	682895	6083060	338								
SPH920008		63L16	A20805-104	13	678260	6084050	368								
SPH920009		63L16	A20805-104	13	673075	6083150	351					X	92HJB1003	92HJB1003H	
SPH920010		63L16	A20805-103	13	669685	6082550	344					X	92HJB1004		

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Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
SPH920011		63L16	A20805-101	13	669315	6082290	351				X				
SPH920012		63L16	A20805-101	13	664810	6082820	354								
SPH920013		63K13	A20805-108	14	313350	6080645	343				X	X	92HJB1005A	92HJB1005H	
SPH920013		63K13	A20805-108	14	313350	6080645	343					X	92HJB1005B		
SPH920014		63K13	A20805-108	14	311750	6080200	332				X				
SPH920015		63K13	A20805-108	14	311725	6080000	312				X				
SPH920016		63K13	A20805-108	14	312850	6078675	334				X	X	92HJB1006	92HJB1006H	
SPH920017		63K13	A20805-108	14	312700	6078100	335				X				
SPH920018		63K13	A20805-108	14	313000	6076775	332				X				
SPH920019		63K13	A20805-108	14	312475	6075200	335				X	X	92HJB1007	92HJB1007H	
SPH920020		63K13	A20805-108	14	312900	6076110	335				X				
SPH920021		63K13	A20805-200	14	312475	6073925	335				X				
SPH920022		63K13	A20805-109	14	311650	6081425	335					X	92HJB1008	92HJB1008H	
SPH920023		63K13	A20805-109	14	312050	6081520	335				X				
SPH920024		63K13	A20805-109	14	312850	6081500	335								
SPH920025		63K13	A20805-109	14	315300	6080945	341					X	92HJB1009		
SPH920026		63K13	A20805-109	14	314050	6081200	335					X	92HJB1010	92HJB1010H	
SPH920027		63K13	A20805-109	14	333500	6081300	343				X				
SPH920028		63L16	A20805-106	13	689200	6083200	344				X				
SPH920029		63K13	A20805-108	14	307300	6078400	343					X	92HJB1011	92HJB1011H	
SPH920030		63K13	A20805-108	14	309550	6077250	343				X	X	92HJB1012		
SPH920031		63K13	A20805-108	14	310925	6075550	343				X				
SPH920032		63K13	A20805-109	14	310850	6083500	335								
SPH920033		63L16	A20764 -022	13	690000	6086525	326				X				
SPH920034		63L16	A20764 -022	14	307125	6088275	335				X	X	92HJB1013	92HJB1013H	
SPH920035		63L16	A20764 -022	13	692125	6086100	335					X	92HJB1014	92HJB1014H	
SPH920036		63L16	A20764-021	13	692370	6085370	336				X	X	92HJB1015A	92HJB1015H	
SPH920036		63L16	A20764-021	13	692370	6085370	336					X	92HJB1015B		
SPH920037		63L16	A20764-021	14	308100	6085100	348				X	X	92HJB1016	92HJB1016H	
SPH920038		63L16	A20764-021	13	308495	6084590	351				X				
SPH920039		63K13	A20764-022	14	309460	6083240	351				X	X	92HJB1017	92HJB1017H	
SPH920040		63L16	A20764-027	13	670305	6087650	344					X	92HJB1018	92HJB1018H	
SPH920041		63L16	A20764-027	13	670030	6086700	349					X	92HJB1019	92HJB1019H	
SPH920042		63L16	A20764-027	13	669645	6086165	344					X	92HJB1020	92HJB1020H	
SPH920043		63L16	A20764-027	13	668410	6085590	354					X	92HJB1021	92HJB1021H	
SPH920044		63L16	A20805-101	13	668000	6083630	343					X	92HJB1022A	92HJB1022H	
SPH920044		63L16	A20805-101	13	668000	6083630	343					X	92HJB1022B		
SPH920045		63L16	A20805-101	13	669320	6082150	308					X	92HJB1023	92HJB1023H	
SPH920046		63L16	A20805-101	13	664290	6083170	354					X	92HJB1024	92HJB1024H	
SPH920047		63L16	A20805-101	13	662030	6082000	332								
SPH920048		63L16	A20805-106	13	690030	6079955	352					X	92HJB1025A	92HJB1025H	
SPH920048		63L16	A20805-106	13	690030	6079955	352					X	92HJB1025B		
SPH920048		63L16	A20805-106	13	690030	6079955	352					X	92HJB1025C		
SPH920049		63L16	A20805-106	13	689850	6079840	349				X				
SPH920050		63K13	A20805-200	14	315110	6071280	305				X	X	92HJB1026	92HJB1026H	
SPH920051		63K13	A20805-200	14	312395	6072535	331				X	X	92HJB1027	92HJB1027H	
SPH920052		63K13	A20805-200	14	311180	6075365	338				X	X	92HJB1028	92HJB1028H	
SPH920053		63L16	A20805-106	13	686045	6079030	343					X	92HJB1029	92HJB1029H	
SPH920054		63L16	A20805-106	13	687395	6079170	343				X	X	92HJB1030	92HJB1030H	
SPH920055		63L16	A20805-107	13	688445	6078540	351					X	92HJB1031	92HJB1031H	
SPH920056		63L16	A20805-106	13	689750	6078590	351					X	92HJB1032	92HJB1032H	
SPH920057		63L16	A20805-104	13	675130	6080430	343					X	92HJB1033	92HJB1033H	
SPH920058		63L16	A20805-104	13	676425	6079125	342					X	92HJB1034	92HJB1034H	
SPH920059		63L16	A20805-104	13	678350	6081120	342					X	92HJB1035	92HJB1035H	
SPH920060		63L16	A20805-105	13	679515	6078950	342					X	92HJB1036	92HJB1036H	
SPH920061		63L16	A20805-105	13	680540	6080490	340					X	92HJB1037	92HJB1037H	
SPH920062		63L16	A20805-105	13	681860	6079880	343					X	92HJB1038	92HJB1038H	
SPH920063		63L16	A20805-105	13	683640	6080240	343					X	92HJB1039	92HJB1039H	
SPH920064		63L16	A20805-105	13	685945	6077500	343					X	92HJB1040	92HJB1040H	
SPH920065		63L16	A20764-024	13	686740	6089930	336					X	92HJB1041	92HJB1041H	
SPH920066		63L16	A20764-024	13	685645	6088600	343					X	92HJB1042	92HJB1042H	
SPH920067		63L16	A20764-024	13	684700	6087040	336					X	92HJB1043A	92HJB1043H	
SPH920067		63L16	A20764-024	13	684700	6087040	336					X	92HJB1043B		
SPH920068		63L16	A 20764-022	13	690760	6086770	358								

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
SPH920069		63L16	A20764-022	13	688230	6086440	366					X	92HJB1044	92HJB1044H	
SPH920070		63K13	A20805-200	14	312440	6071845	330					X	92HJB1045		
SPH920071		63K13	A20805-200	14	312950	6071425	332					X	92HJB1046	92HJB1046H	
SPH920072		63K13	A20805-200	14	312200	6071355	341				X				
SPH920073		63L16	A20805-106	13	687800	6080820	344					X	92HJB1047	92HJB1047H	
SPH920074		63L16	A20805-101	13	660550	6080305	352					X	92HJB1048	92HJB1048H	
SPH920075		63K13	A20805-109	14	313450	6076045	335				X	X	92HJB1049	92HJB1049H	
SPH920076		63L16	A20805-106	13	691160	6078895	351					X	92HJB1050	92HJB1050H	
SPH920077		63K13	A20805-109	14	315300	6080945	350					X	92HJB1051		
WAT920001	Snow Lake road	63J12	A24478-112	14	437763	6058408	274	5a	X	X		X	92MOB1001	92MOB1002	BEXV
WAT920002	Snow Lake road	63J12	A25325-058	14	439234	6055866	274	5a	X		X				DLMT
WAT920003	Curve, hydro line	63J03	A24919-016	14	488055	5985224	274	5c			X				DLMT
WAT920004	4 Quarries (HWY 6)	63J03	A24919-016	14	488133	5986132	262	1b	X			X	92MOB1004	92MOB1005	DLMT
WAT920005	N of hydro branch	63J03	A25335-190	14	489432	6001813	245	5b	X						DLMT
WAT920006	HWY 6	63J06	A25330-129	14	497585	6036956	245	5c	X	X					DLMT
WAT920007	HWY 6	63J06	A25330-129	14	497707	6038531	245	5c	X						DLMT
WAT920008	Stream section HWY 6	63J06	A25330-129	14	497096	6041514	244	5c	X	X					DLMT
WAT920009	HWY 6	63J11	A25325-111	14	492044	6055996	259	5c	X						DLMT
WAT920010	HWY 6	63J11	A25325-111	14	491755	6056108	259	5c	X	X					DLMT
WAT920011	Bedrock quarry	63J11	A25325-111	14	493196	6056073	252	1b	X			X	92MOB1011	92MOB1012	DLMT
WAT920012	Road side section	63J11	A24995-201	14	486471	6056775	261	5c	X						DLMT
WAT920013	Bedrock quarry	63J12	A25325-004	14	452986	6046253	274	R2			X				DLMT
WAT920014	Small quarry	63J12	A25325-004	14	452860	6045947	268	R2							DLMT
WAT920015	Near burrow pit	63J12	A25325-004	14	452428	6046513	274	1b	X		X	X	92MOB1013	92MOB1014	DLMT
WAT920016	Bedrock quarry	63J12	A25325-005	14	450336	6046454	274	2b	X	X	X	X	92MOB1016	92MOB1017	DLMT
WAT920017	Burrow pit	63J12	A25325-005	14	449871	6047711	274	2b	X			X	92MOB1019	92MOB1020	DLMT
WAT920018	Burrow pit	63J12	A25325-006	14	449401	6050524	277	2b	X			X	92MOB1022	92MOB1024	DLMT
WAT920019	Cut line for telephone cable	63J12	A25325-006	14	450463	6050864	274	2b	X			X	92MOB1025	92MOB1026	DLMT
WAT920020	Cleared path along HWY 39	63J12	A25325-006	14	447536	6052245	280	2b	X			X	92MOB1028	92MOB1029	DLMT
WAT920021	Burrow pit, HWY 39	63J12	A25325-006	14	446301	6053418	270	5a			X				DLMT
WAT920022	bedrock plateau, HWY 39	63J12	A25325-058	14	443149	6054500	282	R2			X				DLMT
WAT920023	Burrow pit, HWY 39	63J12	A25325-058	14	442091	6056162	270	R1			X				BEXV
WAT920024	Burrow pit, HWY 39	63J12	A25325-058	14	441738	6056155	271	R1			X				BEXV
WAT920025	Burrow pit, HWY 39	63J12	A25325-058	14	441316	6056097	274	R1			X				BEXV
WAT920026	Paleozoic bedrock quarry, HWY 39	63J12	A25325-058	14	440380	6056060	274	R2			X				DLMT
WAT920027	HWY 39	63J12	A25325-058	14	440077	6056042	274	R2			X				DLMT
WAT920028	HWY 39	63J12	A25325-058	14	439620	6056004	274	1b			X				DLMT
WAT920029	HWY 39	63J12	A25325-058	14	439360	6055986	274	R2			X				DLMT
WAT920030	HWY 39	63J12	A25325-057	14	436653	6054329	267	1a	X		X	X	92MOB0073	92MOB0074	DLMT
WAT920031	HWY 39	63J12	A25325-057	14	436098	6054165	274	R2			X				DLMT
WAT920032	HWY 39	63J12	A25325-058	14	443918	6055391	274	1a	X			X	92MOB1031	92MOB1033	PC
WAT920033	HWY 39	63J12	A25325-058	14	435643	6054138	271	R1			X				BCIV
WAT920034	HWY 39	63J12	A25325-058	14	441520	6056933	274	5b	X		X	X	92MOB1034	92MOB1036	DLMT
WAT920035	Old road off HWY 39	63J12	A25325-057	14	440601	6058637	274	R2			X				DLMT
WAT920036	Old road off HWY 39	63J12	A25325-057	14	440586	6060315	290	R1	X			X	92MOB1037	92MOB1039	GRNT
WAT920037	HWY 39	63J12	A24478-113	14	437134	6060991	267	5a			X				PC
WAT920038	HWY 39	63J12	A25325-007	14	449072	6056767	259	5a	X		X				BCIV
WAT920039	HWY 39	63J12	A25325-007	14	449148	6057254	267	5a	X		X				BCIV
WAT920040	HWY 39	63J12	A25325-007	14	449527	6058315	267	R1			X				PC
WAT920041	HWY 39	63J12	A25325-007	14	449722	6058608	274	5a			X				BCIV
WAT920042	HWY 39	63J12	A25325-008	14	451023	6062462	267	5a			X				PC
WAT920043	HWY 39	63K09	A24478-058	14	433442	6053269	290	5b	X		X				DLMT
WAT920044	HWY 39	63K09	A24478-057	14	433231	6052330	290	1b	X			X	92MOB1040	92MOB1042	DLMT
WAT920045	WInter road S of HWY 39	63K09	A24478-058	14	434168	6051494	290	1a	X			X	92MOB1045A, B	92MOB1047	DLMT
WAT920046	HWY 39	63K09	A24478-057	14	435292	6053900	274	5a	X		X				DLMT
WAT920047	HWY 39	63K09	A24478-058	14	432046	6053177	282	5a	X			X	92MOB1049	92MOB1050	DLMT
WAT920048	HWY 39	63K09	A24478-058	14	431592	6053014	282	R2			X				DLMT
WAT920049	HWY 39	63K09	A24478-058	14	430441	6053371	282	5a		X	X				DLMT
WAT920050	HWY 39	63K09	A24478-058	14	429743	6053092	282	1b	X			X	92MOB1053		DLMT
WAT920051	HWY 39	63K09	A24478-006	14	421757	6051069	282	1b	X			X	92MOB1054	92MOB1055	DLMT
WAT920052	HWY 39	63K09	A24478-006	14	421446	6051770	282	5a			X				DLMT
WAT920053	HWY 39	63K09	A24478-006	14	421011	6051809	283	5a	X	X	X				DLMT
WAT920054	HWY 39	63K09	A24478-006	14	420578	6051908	290	1b	X			X	92MOB1057	92MOB1058	DLMT
WAT920055	HWY 39	63K09	A24478-006	14	418862	6051768	297	R2			X				DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
JEC922070		63K12	A20745-169	14	310280	6055230	323					X	92HJB2038B		
JEC922071		63K12	A20745-169	14	308570	6054825	312				X	X	92HJB2039	92HJB2039H	
JEC922072		63L09	A20745-167	13	687800	6052500	312					X	92HJB2040	92HJB2040H	
JEC922073		63L09	A20671-021	13	686400	6050720	309					X	92HJB2041	92HJB2041H	
JEC922074		63L09	A20745-175	13	685225	6068680	316				X				
JEC922075		63L09	A20745-175	13	684490	6066000	308				X	X	92HJB2042	92HJB2042H	
JEC922076		63L09	A20745-175	13	681475	6067195	308					X	92HJB2043	92HJB2043H	
JEC922077		63L09	A20805-204	13	680340	6069210	296				X				
JEC922078		63L16	A20805-204	13	679400	6070775	309				X	X	92HJB2044	92HJB2044H	
JEC922079		63L16	A20805-204	13	677805	6070455	312				X	X	92HJB2045	92HJB2045H	
JEC922080		63L09	A20805-204	13	679100	6068525	301					X	92HJB2046	92HJB2046H	
JEC922081		63L09	A20745-175	13	678675	6067900	296				X				
JEC922082		63L09	A20805-204	13	677855	6960050	320								
JEC922083		63L09	A20745-177	13	677625	6067105	305				X	X	92HJB2047	92HJB2047H	
JEC922084		63L09	A20745-177	13	676050	6067860	316				X	X	92HJB2048	92HJB2048H	
JEC922085		63L09	A20745-177	13	676560	6065775	300					X	92HJB2049A	92HJB2049H	
JEC922085		63L09	A20745-177	13	676560	6065775	300					X	92HJB2049B		
JEC922086		63L09	A20745-177	13	674395	6067025	305					X	92HJB2050	92HJB2050H	
JEC922087		63L09	A20745-177	13	674545	6066125	295				X				
JEC922088		63L09	A20745-177	13	674025	6064950	295				X				
JEC922089		63L09	A20745-177	13	676400	6064050	206				X	X	92HJB2051A	92HJB2051H	
JEC922089		63L09	A20745-177	13	676400	6064050	206					X	92HJB2051B		
JEC922090		63L09	A20745-177	13	674900	6063945	309					X	92HJB2052	92HJB2052H	
JEC922091		63L09	A20743-177	13	673625	6062475	282				X	X	92HJB2053	92HJB2053H	
JEC922092		63L09	A20745-177	13	675500	6061475	309				X	X	92HJB2054	92HJB2054H	
JEC922093		63L09	A20745-177	13	672330	6061150	305				X	X	92HJB2055	92HJB2055H	
JEC922094		63L09	A20745-165	13	672265	6055000	305					X	92HJB2056	92HJB2056H	
JEC922095		63L09	A20745-163	13	672270	6054750	296				X				
JEC922096		63L09	A20745-165	13	672060	6058275	299				X	X	92HJB2057	92HJB2057H	
JEC922097		63L09	A20745-177	13	674335	6060785	296				X				
JEC922098		63L09	A20745-165	13	674155	6059630	305					X	92HJB2058	92HJB2058H	
JEC922099		63L09	A20745-165	13	674680	6057075	305					X	92HJB2059	92HJB2059H	
JEC922100		63L09	A20745-165	13	675360	6057050	296				X				
JEC922101		63L09	A20745-165	13	679150	6056530	305					X	92HJB2060	92HJB2060H	
JEC922102		63L09	A20745-165	13	676475	6056630	305				X	X	92HJB2061	92HJB2061H	
JEC922103		63L09	A20745-165	13	677535	6058835	301					X	92HJB2062	92HJB2062H	
JEC922104		63L09	A20745-177	13	677900	6060885	305				X	X	92HJB2063A	92HJB2063H	
JEC922104		63L09	A20745-177	13	677900	6060885	305					X	92HJB2063B		
JEC922105		63L09	A20745-177	13	679075	6059850	296				X				
JEC922106		63L09	A20745-165	13	680565	6058435	301					X	92HJB2064	92HJB2064H	
JEC922107		63L09	A20745-167	13	682710	6059225	296				X				
JEC922108		63L09	A20745-167	13	682540	6059450	309					X	92HJB2065	92HJB2065H	
JEC922109		63L09	A20745-169	13	690850	6055950	312					X	92HJB2066	92HJB2066H	
JEC922110		63L09	A20745-169	13	689530	6053650	312				X	X	92HJB2067A	92HJB2067H	
JEC922110		63L09	A20745-169	13	689530	6053650	312					X	92HJB2067B		
JEC922111		63L09	A20671-021	13	690225	6051700	312				X	X	92HJB2068A	92HJB2068H	
JEC922111		63L09	A20671-021	13	690225	6051700	312					X	92HJB2968B		
JEC922112		63L09	A20745-174	13	689450	6061525	312				X	X	92HJB2069A	92HJB2069H	
JEC922112		63L09	A20745-174	13	689450	6061525	312					X	92HJB2069B		
JEC922113		63L09	A20745-174	13	689135	6061985	299				X	X	92HJB2070	92HJB2070H	
JEC922114		63L09		13	689290	6063350					X				
JEC922115		63L09		13	690025	6063000					X				
JEC922116		63L09		13	690410	6063820					X				
JEC922117		63L09		13	692600	6065720					X				
JEC922118		63L09		13	693150	6066525					X				
JEC922119		63K12		14	308900	6068225					X				
JEC922120		63K12		14	309675	6068450					X				
JEC922121		63L09		13	692775	6066775					X				
JEC922122		63K12		14	311600	6069560					X				
JEC922123		63K12		14	312280	6069300					X				
JEC922124		63L09		13	691200	6064125					X				
JEC922125		63L09		13	691750	6062190					X				
JEC922126		63L09		13	692850	6059600					X				
JEC922127		63K12		14	314550	6070225					X				

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Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
JEC922014		63L09	A20671-021	13	692825	6052000	311				X				
JEC922015		63L09	A20671-021	13	693510	6049900	312								
JEC922016		63L09	A20671-021	13	692180	6049760	332				X				
JEC922017		63L09	A20671-021	13	690885	6046940	317								
JEC922018		63L09	A20671-021	13	691635	6046160	312					X	92HJB2011	92HJB2011H	
JEC922019		63L09	A20671-021	13	693775	6044510	314					X	92HJB2012	92HJB2012H	
JEC922020		63K12	A20672-063	14	306775	6043300	316					X	92HJB2013	92HJB2013H	
JEC922021		63L09	A20671-021	13	691225	6047440	323				X				
JEC922022		63L09	A20671-021	13	690300	6046300	320				X				
JEC922023		63L09	A20671-021	13	690345	6045485	320								
JEC922024		63L09	A20671-021	13	689880	6044780	326								
JEC922025		63L09	A20672-061	13	689075	6042875	312					X	92HJB2014	92HJB2014H	
JEC922026		63L09	A20672-061	13	686600	6043075	314				X	X	92HJB2015	92HJB2015H	
JEC922027		63L09	A20671-021	13	685250	6045050	297				X	X	92HJB2016	92HJB2016H	
JEC922028		63L09	A20671-021	13	685390	6048790	312					X	92HJB2017A	92HJB2017H	
JEC922028		63L09	A20671-021	13	685390	6048790	312					X	92HJB2017B		
JEC922029		63L09	A20745-167	13	685260	6051625	305				X	X	92HJB2018A	92HJB2018H	
JEC922029		63L09	A20745-167	13	685260	6051625	305					X	92HJB2018B		
JEC922030		63L09	A20745-167	13	686710	6053940	316				X	X	92HJB2019	92HJB2019H	
JEC922031		63L09	A20745-167	13	687750	6055685	320					X	92HJB2020	92HJB2020H	
JEC922032		63K12	A20671-023	14	311200	6049525	312				X				
JEC922033		63K12	A20671-023	14	312610	6049500	325								
JEC922034		63K12	A20672-063	14	311175	6043700	299					X	92HJB2021	92HJB2021H	
JEC922035		63K12	A20671-023	14	312255	6045920	323					X	92HJB2022	92HJB2022H	
JEC922036		63K12	A20671-023	14	313420	6045040	317					X	92HJB2023	92HJB2023H	
JEC922037		63K12	A20671-023	14	313000	6047785	328					X	92HJB2024	92HJB2024H	
JEC922038		63K12	A20671-023	14	313230	6049650	323					X	92HJB2025	92HJB2025H	
JEC922039		63L09	A20745-167	13	686000	6054725	305				X				
JEC922040		63L09	A20745-167	13	684800	6053375	305				X				
JEC922041		63L09	A20671-019	13	680025	6049500	297				X	X	92HJB2026A	92HJB2026H	
JEC922041		63L09	A20671-019	13	680025	6049500	297					X	92HJB2026B		
JEC922042		63L09	A20671-019	13	677650	6048900	305				X	X	92HJB2027	92HJB2027H	
JEC922043		63L09	A20745-167	13	684425	6055400	312				X	X	92HJB2028	92HJB2028H	
JEC922044		63K12	A20671-023	14	310725	6049600	320					X	92HJB2029	92HJB2029H	
JEC922045		63K12	A20671-023	14	309800	6047950	320					X	92HJB2030	92HJB2030H	
JEC922046		63K12	A20671-023	14	309150	6046050	314					X	92HJB2031	92HJB2031H	
JEC922047		63K12	A20671-023	14	307625	6044825	314					X	92HJB2032A	92HJB2032H	
JEC922047		63K12	A20671-023	14	307625	6044825	314					X	92HJB2032B		
JEC922048		63L09	A20745-167	13	681575	6057925	297				X				
JEC922049		63L09	A20745-167	13	681225	6057825	296				X				
JEC922050		63L09	A20745-167	13	680750	6055725	296				X				
JEC922051		63L09	A20671-019	13	679575	6047800	296				X				
JEC922052		63L09	A20671-019	13	679250	6049425	297				X				
JEC922053		63L09	A20671-019	13	679525	6050075	296				X				
JEC922054		63L09	A20745-165	13	677300	6056200	297				X				
JEC922055		63L09	A20745-165	13	677775	6056375	297				X				
JEC922056		63L09	A20745-165	13	678950	6055150	297				X				
JEC922057		63L09	A20745-165	13	672675	6059525	297				X				
JEC922058		63L09	A20745-167	13	686050	6059375	305				X	X	92HJB2033	92HJB2033H	
JEC922059		63L09	A20745-167	13	687600	6058200	297				X				
JEC922060		63L09	A20745-167	13	684000	6058150	305					X	92HJB2034	92HJB2034H	
JEC922061		63L09	A20745-167	13	683725	6059225	296				X				
JEC922062		63L09	A20745-175	13	684400	6061725	296				X				
JEC922063		63L09	A20745-175	13	685075	6062000	306								
JEC922064		63L09	A20745-175	13	686500	6063350	312					X	92HJB2035	92HJB2035H	
JEC922065		63L09	A20745-175	13	685775	6063550	296				X				
JEC922066		63L09	A20745-175	13	685550	6064950	297				X				
JEC922067		63L09	A20745-174	13	691200	6064900	343				X	X	92HJB2036A	92HJB2036H	
JEC922067		63L09	A20745-174	13	691200	6064900	343					X	92HJB 2036B		
JEC922067		63L09	A20745-174	13	691200	6064900	343					X	92HJB2036C		
JEC922068		63K12	A20745-172	14	335100	6069560	335				X				
JEC922069		63K12	A20745-169	14	310715	6056350	312					X	92HJB2037A	92HJB2037H	
JEC922069		63K12	A20745-169	14	310715	6056350	312					X	92HJB 2037B		
JEC922070		63K12	A20745-169	14	310280	6055230	323					X	92HJB2038A	92HJB2038H	

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
JEC920026	SW of Mirond Lake	63L15	A20805-185	13	642280	6094400	335	4	X	X					PC
JEC920027	HWY 135	63L15	A20805-185	13	643740	6094500	366	3	X						PC
JEC920028	HWY 135, N of Pelletier Lk	63L15	A20805-185	13	644500	6093260	344	1a	X			X	92JC0022	92JC0023	PC
JEC920029	HWY 135	63L15	A20805-185	13	644620	6093050	335	R1		X	X				PC
JEC920030	HWY 135, Pelletier Lk	63L15	A20805-185	13	645225	6091670	328	1a	X	X	X	X	92JC0024	92JC0025	PC
JEC920031	HWY 135, N of Right Angle Lk	63L15	A20764-034	13	645000	6088560	348	1a	X	X		X	92JC0026, 0027	92JC0028	PC
JEC920032	HWY 135, Right Angle Lk	63L15	A20764-034	13	644400	6087475	360	R1		X	X				PC
JEC920033	HWY 135, Right Angle Lk	63L15	A20764-034	13	643640	6085640	354	1a	X	X		X	92JC0029	92JC0030	PC
JEC920034	McBride Lake West	63L15	A20805-095	13	642410	6080025	354	3	X	X		X	92JC0031	92JC0032	PC
JEC920035	McBride Lake West	63L15	A20805-095	13	643160	6080925	354	R1	X	X	X				PC
JEC920036	McBride Lake West , HWY 135	63L15	A20805-095	13	643125	6082450	343	R1			X				PC
JEC920037	Jan Lk	63L15	A20764034	13	640850	6084650	343	5a	X		X				PC
JEC920038	HWY 106	63L15	A20805-095	13	640980	6076610	344	R1		X	X				PC
JEC920039	HWY 106	63L15	A20805-095	13	640525	6076265	354	3	X	X		X	92JC0033	92JC0034	PC
JEC920040	Phaneuf Lk - South	63L15	A20805-095	13	640230	6078260	357	R1			X				PC
JEC920041	Phaneuf Lk	63L15	A20805-095	13	640175	6089050	360	R1		X	X				PC
JEC920042	Phaneuf Lk	63L15	A20805-095	13	639800	6090130	344	3	X	X		X	92JC0035	92JC0036	PC
JEC920043	Winteringham Lk	63L15	A20805-095	13	637725	6074425	341	R1			X				PC
JEC920044	HWY 106	63L15	A20805-216	13	634500	6069150	335	3	X	X		X	92JC0037	92JC0038	PC
JEC920045	HWY 106	63L15	A20805-095	13	639175	6075730	351	5a	X	X	X	X	92JC0039	92JC0040	PC
JEC920046	Tubali Lk	63L10	A20745-187	13	630610	6066175	329	1a	X	X		X	92JC0041	92JC0042	PC
JEC920047	HWY 106 - Hanson Lake Rd	63L10	A20745-187	13	632450	6066625	331	1a	X	X	X				PC
JEC920048	Hanson Lake Rd	63L10	A20745-187	13	634000	6065325	328	5a	X	X	X				PC
JEC920049	Hanson Lk	63L10	A20745-187	13	637850	6061125	323	5a	X	X		X	92JC0043	92JC0044	PC
JEC920050	Hanson Lake Rd	63L10	A20745-187	13	635840	6062900	328	R1		X	X				PC
JEC920051	Hanson Lake Rd	63L10	A20745-187	13	634020	6064020	328	1a	X	X	X	X	92JC0045	92JC0046	PC
JEC920052	McBride Lk HWY 106	63L15	A20805-095	13	643865	6078050	348	3	X	X	X	X	92JC0047	92JC0048	PC
JEC920053	Kistapiskau Lk, HWY 106	63L15	A20805-097	13	646760	6077800	338	5a	X	X		X	92JC0049	92JC0050	PC
JEC920054	Kistapiskau Lk, HWY 106	63L15	A20805-097	13	645925	6077950	344	R1		X	X				PC
JEC920055	HWY 106, South of Maligne Lk	63L15	A20805-097	13	655375	6076825	317	R1			X				PC
JEC920056	East of Maligne lake	63L15	A20805-099	13	655330	6079525	343	R1		X	X				PC
JEC920057	HWY 106, South of Granite Lk	63L15	A20805-099	13	655720	6079510	354	1a	X	X		X	92JC0051, 0052	92JC0053	PC
JEC920058	Mateson Lk, 1km	63L15	A20805-099	13	659550	6078850	354	4	X	X					PC
JEC920059	Granite Lk	63L15	A20805-099	13	659375	6080830	352	5a	X	X	X	X	92JC0054	92JC0055	PC
JEC920060	Granite Lk	63L15	A20805-099	13	658840	6082330	335	5a	X	X		X	92JC0056	92JC0057	PC
JEC920061	East of Maligne Lk	63L15	A20805-099	13	653425	6079760	338	5a	X	X		X	92JC0058	92JC0059	PC
JEC920062	HWY 106, Maligne Lk	63L15	A20805-097	13	651690	6077300	330	c		X	X				PC
JEC920063	HWY 106, Maligne Lk West	63L15	A20805-097	13	651450	6077080	320	1a	X	X		X	92JC0060	92JC0061	PC
JEC920064	HWY 135	63L15	A20805-095	13	642765	6082160	354	1a	X	X		X	92JC0066	92JC0067	PC
JEC920065	Granite Lk	63L15	A20805-099	13	659550	6079650	360	R1		X	X				PC
JEC920066	HWY 106	63L15	A20805-099	13	657575	6079090	338	R1		X	X				PC
JEC920067	HWY 106, Kistapiskau Lk	63L15	A20805-097	13	649960	6076440	323	4		X	X				PC
JEC920068	HWY 106, Kistapiskau Lk East	63L15	A20805-097	13	648775	6076600	335	1a	X	X	X	X	92JC0068	92JC0069A	PC
JEC920069	Maraiche Lk Rd	63L08	A20672-061	13	688865	6042365	316	1b	X	X		X	92JC0069	92JC0070	DLMT
JEC920070	Maraiche Lk Rd	63L08	A20672-061	13	687500	6040320	311	1b	X		X	X	92JC0071	92JC0072	DLMT
JEC920071	Amisk Lk	63L08	A20672-059	13	683590	6036125	297	R2			X				DLMT
JEC920072	HWY 167	63L08	A20672-059	13	684425	6035900	300	1b	X			X	92JC0073	92JC0074	DLMT
JEC920073	HWY 167	63L08	A20672-061	13	685460	6038825	300	2b	X			X	92JC0075	92JC0076	DLMT
JEC920074	HWY 167	63L08	A20672-061	13	686150	6041600	309	1a	X	X		X	92JC0077, 0078	92JC0079	DLMT
JEC922000		63K12	A20805-200	14	314175	6070150	335				X	X	92HJB2000	92HJB2000H	
JEC922001		63K12	A20745-172	14	311175	6063450	312				X	X	92HJB2001	92HJB2001H	
JEC922002		63K12	A20745-171	14	315875	6058330	320					X	92HJB2002	92HJB2002H	
JEC922003		63K12	A20745-171	14	315550	6068665	320				X	X	92HJB2003	92HJB2003H	
JEC922004		63K12	A20745-169	14	307710	6056595	314				X	X	92HJB2004	92HJB2004H	
JEC922005		63K12	A20745-169	14	307775	6055360	317					X	92HJB2005	92HJB2005H	
JEC922006		63K12	A20745-169	14	306770	6053380	309					X	92HJB2006A	92HJB2006H	
JEC922006		63K12	A20745-169	14	306770	6053380	309					X	92HJB2006B		
JEC922007		63K12	A20745-169	14	306580	6052440	308				X	X	92HJB2010	92HJB2010H	
JEC922008		63K12	A20745-169	14	306275	6054000	311				X				
JEC922009		63L09	A20745-169	13	693775	6054150	312				X				
JEC922010		63L09	A20745-173	14	306580	6052440	312				X	X	92HJB2007		
JEC922011		63L09	A20745-169	13	691500	6063600	320					X	92HJB2008	92HJB2008H	
JEC922012		63L09	A20745-169	13	692525	6056525	309				X	X	92HJB2009		
JEC922013		63L09	A20745-169	13	693375	6052625	326								

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
WAT920056	HWY 39	63K09	A24478-006	14	420100	6051007	290	2b	X			X	92MOB1060	92MOB1061	DLMT
WAT920057	Quarry behind small lake, off HWY 39	63K09	A24478-006	14	418507	6052535	290	2b	X	X		X	92MOB1063	92MOB1064	DLMT
WAT920058	HWY 39	63K09	A24478-006	14	419947	6052417	290	1b	X			X	92MOB1065	92MOB1066	DLMT
WAT920059	HWY 39	63K09	A24478-006	14	419301	6051720	298	2b	X			X	92MOB1068	92MOB1069	DLMT
WAT920060	HWY 39	63K09	A24478-061	14	412040	6047178	290	2b	X	X		X	92MOB1071	92MOB1072	DLMT
WAT920061	HWY 39	63K09	A24478-061	14	411762	6047204	282	2b	X			X	92MOB1074	92MOB1075	DLMT
WAT920062	HWY 39	63K09	A24478-061	14	411245	6046891	282	2b	X			X	92MOB1078	92MOB1079	DLMT
WAT920063	HWY 39	63K09	A24478-061	14	410518	6046931	282	2b	X	X		X	92MOB1080, 1083	92MOB1081	DLMT
WAT920064	HWY 39	63K09	A24478-006	14	408294	6046973	282	5a	X			X	92MOB1085	92MOB1086	DLMT
WAT920065	Burrow pit near mine site	63K09	A24478-062	14	408877	6047501	282	5a	X			X	92MOB1087	92MOB1088	DLMT
WAT920066	HWY 39	63K09	A24478-006	14	407808	6046795	290	5a	X			X	92MOB1089	92MOB1090	DLMT
WAT920067	HWY 39	63K09	A24478-062	14	407751	6048474	285	5a			X				DLMT
WAT920068	HWY 39	63K09	A24478-062	14	407504	6047946	290	5a	X			X	92MOB1096	92MOB1097	DLMT
WAT920069	HWY 39	63K09	A24478-062	14	406935	6046806	290	5a	X			X	92MOB1099		DLMT
WAT920070	HWY 39	63K09	A24478-062	14	406276	6047037	290	1b	X			X	92MOB1094, 1095	92MOB1101	DLMT
WAT920071	HWY 39	63K09	A24478-063	14	405667	6048360	287	5c	X			X	92MOB1102	92MOB1104	DLMT
WAT920072	HWY 39	63K09	A24478-063	14	403895	6048603	274	1b	X			X	92MOB1105	92MOB1107	DLMT
WAT920074	West of HWY 6	63J03	A25335-193	14	484967	5994440	267	5c	X			X	92MOB1108	92MOB1109	DLMT
WAT920075	West of HWY 6	63J03	A25335-190	14	486237	5999358	255	5a	X			X	92MOB1111	92MOB1112	DLMT
WAT920076	NW of Minago River	63J03	A24477-093	14	468667	6008703	274	5a	X			X	92MOB1114	92MOB1115	DLMT
WAT920077	NE of Talbot Lake road	63J04	A24477-093	14	461126	6000668	282	5c	X			X	92MOB1120	92MOB1121	DLMT
WAT920078	HWY 39	63K10	A24478-064	14	402170	6048956	290	5c	X			X	92MOB1129	92MOB1130	DLMT
WAT920079	HWY 39	63K10	A24478-064	14	401189	6049566	290	1a	X			X	92MOB1132	92MOB1133	DLMT
WAT920080	HWY 39	63J10	A24478-064	14	400978	6048860	290	5c	X		X				DLMT
WAT920081	HWY 39	63K10	A24478-064	14	400171	6046924	290	1b	X			X	92MOB1135	92MOB1136	DLMT
WAT920082	HWY 39	63K10	A24478-064	14	400563	6047832	290	1b	X			X	92MOB1138	92MOB1139	DLMT
WAT920083	HWY 39	63K10	A24478-064	14	400879	6049103	290	1b			X				DLMT
WAT920084	HWY 39	63K10	A24478-064	14	399635	6049019	290	1b	X			X	92MOB1141	92MOB1142	DLMT
WAT920085	Wekusko Lake (East side)	63J12	A25325-057	14	448838	6057292	259	5a		X	X				BEXV
WAT920086	Wekusko Lake (West side)	63J12	A25325-058	14	443601	6063696	267	1a	X		X	X	92MOB1123	92MOB1124	AEXV
WAT920087	Wekusko Lake (West side)	63J12	A25325-058	14	442286	6064116	259	1a		X	X				MSDM
WAT920088	Wekusko Lake (West side)	63J12	A25325-058	14	441511	6063631	267	1a	X		X	X	92MOB1126	92MOB1127	BRCC
WAT920089	Wekusko Lake (West side)	63J12	A25325-058	14	440700	6063586	259	1a			X				RYLT
WAT920090	Wekusko Lake (West side)	63J12	A25325-058	14	438825	6062657	259	1a			X				PC
WAT920091	Wekusko Lake (West side)	63J12	A25325-058	14	439712	6063811	266	1a	X			X	92MOB1194	92MOB1195	MSDM
WAT920092	Wekusko Lake (West side)	63J12	A25325-058	14	443606	6064777	259	5a			X				MSDM
WAT920093	HWY 39	63K10	A24478-064	14	398112	6048987	282	5b	X			X	92MOB1144	92MOB1145	DLMT
WAT920094	HWY 39	63K10	A24478-065	14	397064	6048741	290	2b	X			X	92MOB1147	92MOB1148	DLMT
WAT920095	HWY 39	63K10	A24478-065	14	396164	6048856	296	1b			X				DLMT
WAT920096	In behind tower, HWY 39	63K10	A24478-065	14	394992	6047980	305	2b	X	X		X	92MOB1150	92MOB1151	DLMT
WAT920097	On road, off HWY 39	63K10	A24478-065	14	396619	6047562	299	2b	X			X	92MOB1153	92MOB1154	DLMT
WAT920098	HWY 39	63K10	A24478-065	14	393441	6048912	305	2b	X			X	92MOB1156	92MOB1157	DLMT
WAT920099	HWY 39	63K10	A24478-065	14	394420	6048878	305	1b	X			X	92MOB1159	92MOB1160	DLMT
WAT920100	NW of Wimapedi Lake	63O04	A25335-111	14	438431	6121374	310	1a	X			X	92MOB1162	92MOB1163	PC
WAT920101	SE of Wimapedi Lake	63O04	A24995-169	14	454246	6113844	310	1a	X			X	92MOB1165	92MOB1166	GRNT
WAT920102	N of Wuskapasko River	63O04	A24995-168	14	452692	6107468	300	1a	X			X	92MOB1168	92MOB1169	PC
WAT920103	N of Chartier Lake	63O04	A25336-109	14	436651	6109532	300	5a			X				GNSS
WAT920104	W of McNeill Lake	63O03	A24995-081	14	475694	6109933	280	5a	X		X	X	92MOB1171	92MOB1172	GRNT
WAT920105	S of McNeill Lake	63O03	A24995-192	14	480565	6101983	270	R1	X						GNSS
WAT920106	SSW of McNeill Lake	63O03	A24995-084	14	474292	6096980	270	R1			X				PC
WAT920107	W of Saw Lake	63J14	A25325-157	14	472957	6086600	282	5a	X			X	92MOB1177	92MOB1178	AEXV
WAT920108	S of Grass River	63J14	A25325-167	14	468843	6080860	282	5c	X			X			MVCC
WAT920109	Dion Lake	63J13	A25325-168	14	466628	6075287	274	1a	X		X	X	92MOB1183	92MOB1184	ACIV
WAT920110	E of Hubiok Lake	63J12	A25325-006	14	452797	6055250	274	5a	X			X	92MOB1185	92MOB1186	DLMT
WAT920111	SE of Langton Lake	63J12	A25325-061	14	444487	6043305	279	2b	X		X	X	92MOB1188	92MOB1189	DLMT
WAT920112	W of Hergrave Lake	63J05	A24477-224	14	437390	6038430	278	2b	X		X	X	92MOB1191	92MOB1192	DLMT
WAT920113	HWY 39	63K10	A24478-065	14	392630	6049740	297	2b	X	X		X	92MOB1197	92MOB1198	DLMT
WAT920114	HWY 39	63K10	A24478-065	14	392048	6049951	297	1b			X				DLMT
WAT920115	HWY 39	63K10	A24478-066	14	391753	6051147	297	5a	X						DLMT
WAT920116	HWY 39	63K10	A24478-066	14	390360	6051099	297	1b	X		X	X	92MOB1200	92MOB1201	DLMT
WAT920117	HWY 39	63K10	A24478-066	14	389335	6051273	297	1b	X		X	X	92MOB1203A, C	92MOB1204	DLMT
WAT920118	Reed Lake	63K09	A24478-060	14	413358	6054491	279	R1			X				GRCS
WAT920119	Reed Lake	63K09	A24478-060	14	414012	6053834	279	R1			X				GRCS
WAT920120	Reed Lake	63K09	A24478-060	14	411304	6048156	279	5a	X						PC

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
WAT920121	Reed Lake	63K09	A24478-061	14	407786	6048874	279	5a	X						PC
WAT920123	Reed Lake	63K10	A24478-062	14	402664	6050652	279	5a			X				PC
WAT920124	Reed Lake	63K10	A24478-062	14	402227	6050871	279	5a			X				PC
WAT920125	Reed Lake	63K10	A24478-062	14	401609	6051214	279	5a			X				PC
WAT920126	Tern Lake	63K16	A25336-042	14	430706	6081497	299	1a	X			X	92MOB1217	92MOB1218	GRNS
WAT920127	Tern Lake	63K16	A25336-042	14	430706	6081698	297	1a	X			X	92MOB1219	92MOB1220	GRNS
WAT920128	Tern Lake	63K16	A25336-042	14	430821	6081877	302	1a	X			X	92MOB1221	92MOB1222	GRNS
WAT920129	Tern Lake	63K16	A25336-042	14	430905	6082109	306	1a	X			X	92MOB1223	92MOB1224	GRNS
WAT920130	Tern Lake	63K16	A25336-042	14	431012	6082239	302	1a	X			X	92MOB1250	92MOB1251	GRNS
WAT920131	Tern Lake	63K16	A25336-042	14	431124	6082449	306	1a	X		X	X	92MOB1227	92MOB1228	GRNS
WAT920132	Tern Lake	63K16	A25336-042	14	431163	6082613	307	1a	X			X	92MOB1225	92MOB1226	GRNS
WAT920133	Tern Lake	63K16	A25336-042	14	430957	6080932	299	1a	X			X	92MOB1232	92MOB1233	GRNS
WAT920134	Tern Lake	63K16	A25336-042	14	430993	6081317	300	5a	X			X	92MOB1246		GRNS
WAT920135	Tern Lake	63K16	A25336-042	14	430928	6081184	300	1a	X			X	92MOB1234	92MOB1235	GRNS
WAT920136	Outlook cliff	63J12	A25325-006	14	449199	6056061	290	R2			X				DLMT
WAT920137	Tawow Ldge	63J12	A25325-006	14	449083	6055772	274	1b	X			X		92MOB1242	DLMT
WAT920138	Road to Tawow Lodge	63J12	A25325-006	14	449069	6055501	276	5c	X	X		X	92MOB1244		DLMT
WAT920139	Road to Tawow Lodge	63J12	A25325-006	14	448917	6055007	282	5a	X	X	X	X	92MOB1245		DLMT
WAT920140	Buzz Lake	63J12	A25325-006	14	450118	6055311	273	R2			X				DLMT
JEC930001	West of Phaneuf Lk	63L15	A20805-095	13	638814	6082334	335	R1			X				GRNT
JEC930002	West of Phaneuf Lk	63L15	A20805-095	13	638966	6082010	338	1a\3	X	X	X	X	93JC0001	93JC0002	GRNT
JEC930003	West of Phaneuf Lk	63L15	A20805-095	13	638927	6081434	343	R1		X	X				GRNG
JEC930004	North of Delorme Lk	63L15	A20805-095	13	636744	6079511	351	1a\3	X	X	X	X	93JC0003	93JC0004	GRNG
JEC930005	West of Phaneuf Lk	63L15	A20805-095	13	637714	6079977	351	R1			X				GRNG
JEC930006	SoutHWYest of Phaneuf Lk	63L15	A20805-095	13	638205	6079537	351	1a	X	X	X	X	93JC0005	93JC0006	GNSS
JEC930007	Old road north of Hanson Lake	63L10	A20805-213	13	644960	6068731	335	1a	X	X	X	X	93JC0007	93JC0008	GRNT
JEC930008	Old road north of Hanson Lake	63L15	A20805-213	13	645225	6070326	343	5a	X		X	X	93JC0009	93JC0010	GRNG
JEC930009	Old road north of Hanson Lake	63L15	A20805-213	13	646400	6072701	343	1a	X	X	X	X	93JC0011, 0013	93JC0012	GRNG
JEC930010	Old road north of Hanson Lake	63L15	A20805-213	13	647000	6074440	340	1a	X		X	X	93JC0014	93JC0015	GNSS
JEC930011	Quad road east of Sturgeon Weir River	63L15	A20805-211	13	654103	6070545	344	4	X	X					PC
JEC930012	East of Steeprock Lake	63L10	A20745-128	13	652900	6063800	328	5a	X	X		X	93JC0016	93JC0017	PC
JEC930013	Steeprock Lake	63L10	A20745-182	13	652913	6063975	328	R1			X				GRNG
JEC930014	Road east of Sturgeon Weir River	63L10	A20745-182	13	652380	6066295	328	1a			X				GNSS
JEC930015	Quad road east of Sturgeon Weir River	63L10	A20745-182	13	652450	6066591	328	1a	X		X	X	93JC0018		GRNG
JEC930016	Quad road east of Sturgeon Weir River	63L15	A20805-211	13	652090	6069970	329	1a	X	X		X	93JC0019	93JC0020	GRNG
JEC930017	Quad road east of Sturgeon Weir River	63L15	A20805-211	13	652950	6072090	332	4	X	X	X	X	93JC0021	93JC0022	GNSS
JEC930018	Quad road SW Mateson lake	63L15	A20805-211	13	655300	6074355	352	4	X	X					PC
JEC930019	Quad road SW Mateson lake	63L15	A20805-211	13	655265	6074575	350	3			X				GNSS
JEC930020	Quad road SW Mateson lake	63L15	A20805-211	13	657360	6075075	348	4		X					PC
JEC930021	Quad road SW Mateson lake	63L15	A20805-211	13	658980	6075265	348	4		X					PC
JEC930022	Quad road SW Mateson lake	63L15	A20805-211	13	655150	6075230	351	3	X	X		X	93JC0023, 0024	93JC0025	PC
JEC930023	Quad road SW Mateson lake	63L15	A20805-211	13	655000	6075330	351	1a	X	X		X	93JC0026	93JC0027	MVCC
JEC930024	Hanson Lake	63L10	A20805-215	13	637945	6066401	320	1a	X		X	X	93JC0028	93JC0029	BEXV
JEC930025	Hanson Lake	63L15	A20805-215	13	637970	6065150	317	R1			X				GBBR
JEC930026	Hanson Lake-Bertrum Bay	63L15	A20805-185	13	638555	6065600	317	R1			X				BEXV
JEC930027	Hanson Lake	63L15	A20805-185	13	639880	6065447	317	R1		X	X				BEXV
JEC930028	North end of Hanson Lake	63L15	A20805-215	13	640950	6060185	320	1a	X			X	93JC0030	93JC0031	PC
JEC930029	Hanson Lake	63L15	A20805-215	13	641194	6069534	320	R1			X				GRNT
JEC930030	Hanson Lake	63L10	A20805-215	13	641250	6068203	320	1a	X	X	X	X	93JC0032	93JC0033	PC
JEC930031	Hanson Lake	63L10	A20805-215	13	644520	6065960	320	1a	X			X	93JC0034	93JC0035	PC
JEC930032	Hanson Lake	63L10	A20805-185	13	641475	6065200	319	5c			X				MSDM
JEC930033	Hanson Lake	63L10	A20805-185	13	641540	6065830	320	1a	X			X	93JC0036	93JC0037	PC
JEC930034	Hanson Lake	63L10	A20805-185	13	643550	6062050	322	1a	X	X		X	93JC0038	93JC0039	BEXV
JEC930035	Hanson Lake	63L10	A20805-185	13	642900	6062625	319	R1			X				MSDM
JEC930036	Hanson Lake	63L10	A20805-185	13	641860	6058265	328	1a	X	X		X	93JC0040	93JC0041	DLMT
JEC930037	Hanson Lake	63L10	A20805-187	13	638200	6060845	319	R1			X				IEXV
JEC930038	Granite Lake	63L15	A20805-189	13	659820	6094300	320	1a	X			X	93JC0042	93JC0043	GRNT
JEC930039	Granite Lake	63L15	A20805-189	13	659900	6093856	314	R1			X				PC
JEC930040	Granite Lake	63L15	A20805-189	13	659250	6093420	314	R1		X	X				PC
JEC930041	Granite Lake	63L15	A20805-189	13	658475	6091775	314	R1			X				GRNT
JEC930042	Granite Lake	63L15	A20805-189	13	658550	6091550	320	5a	X		X	X	93JC0044	93JC0045	PC
JEC930043	Granite Lake	63L15	A20805-030	13	659570	6090320	314	R1			X				PC
JEC930044	Granite Lake	63L15	A20805-030	13	658500	6087660	328	1a	X			X	93JC0046	93JC0047	GRNT
JEC930045	Granite Lake	63L15	A20805-030	13	658475	6086470	314	R1			X				PC

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
JEC930046	Granite Lake	63L15	A20805-030	13	659845	6085700	335	1a	X			X	93JC0048, 0049	93JC0050	DLMT
JEC930047	Granite Lake	63L15	A20805-030	13	656775	6084000	314	R1			X				DLMT
JEC930048	Granite Lake	63L15	A20805-030	13	658130	6083575	314	R1			X				DLMT
JEC930049	South shore Amisk Lake -McKenzie Bay	63L08	A20672-057	13	672880	6039812	297	3	X	X		X	93JC0051	93JC0052	DLMT
JEC930050	Amisk Lake-Red Rock Point	63L08	A20672-057	13	674875	6041600	305	R2		X					DLMT
JEC930051	Amisk Lake-Red Rock Point	63L08	A20672-057	13	675275	6041600	305	1a	X			X	93JC0053	93JC0054	DLMT
JEC930052	Amisk Lake Sturgeon Bay	63L08	A20672-057	13	676597	6039653	295	R2			X				DLMT
JEC930053	Amisk Lake Sturgeon Bay	63L08	A20672-057	13	676750	6038665	259	R2			X				DLMT
JEC930054	Amisk Lake Sturgeon Bay	63L08	A20672-057	13	675225	6036880	305	1a	X			X	93JC0055, 0056, 0057	93JC0058	DLMT
JEC930055	Amisk Lake Sturgeon Bay	63L08	A20672-057	13	677615	6038335	305	1a	X			X	93JC0059	93JC0060	DLMT
JEC930056	Newfoundland Island-Amisk Lake	63L08	A20672-057	13	681985	6041348	305	2b	X	X			93JC0061	93JC0062	DLMT
JEC930057	Amisk Lake-Warehouse Bay	63L08	A20672-059	13	679770	6034840	297	2b	X	X	X	X	93JC0063	93JC0064	DLMT
JEC930058	Amisk Lake-Warehouse Bay	63L08	A20672-059	13	681560	6038525	305	2b	X	X	X	X	93JC0065	93JC0066	DLMT
JEC930059	Maraiche Lake	63L08	A20672-062	13	693340	6036480	305	1b	X	X		X	93JC0067	93JC0068	DLMT
JEC930060	Maraiche Lake	63L08	A20672-062	13	691095	6037435	306	1b	X			X	93JC0069	93JC0070	DLMT
JEC930061	Maraiche Lake	63L08	A20672-062	13	690555	6041228	305	5a	X			X	93JC0071	93JC0072	DLMT
JEC930062	Maraiche Lake	63L08	A20672-062	13	693720	6042430	306	1b	X	X		X	93JC0073	93JC0074	DLMT
JEC930063	Maraiche Lake	63L08	A20672-062	13	691300	6037425	299	R2			X				DLMT
JEC930064	Maraiche Lake-along road on east side	63K05	A24478-003	14	308160	6042520	313	2b	X	X		X	93JC0075	93JC0076	DLMT
JEC930065	Logging road south of Maraiche Lake	63L08	A20745-105	13	689644	6032454	299	2b	X	X		X	93JC0077	93JC0078	DLMT
JEC930066	Maraiche Lake-west of	63L08	A20745-105	13	689377	6034316	300	R2		X	X				DLMT
JEC930067	Logging road near Maraiche Lake	63L08	A20745-105	13	688592	6035031	303	R2			X				DLMT
JEC930068	Niston Lake	63L08	A20745-105	13	688161	6035980	305	1b	X			X	93JC0079	93JC0080	DLMT
JEC933001		63L09	A20745-162	13	662155	6051728	312				X	X	93HJB3001	93HJB3000	
JEC933002		63L09	A20745-162	13	663615	6052762	305					X	93HJB3003	93HJB3002	
JEC933003		63L09	A20671-016	13	665302	6050308	312					X	93HJB3005	93HJB3004	
JEC933004		63L09	A20671-016	13	670880	6042658	308					X	93HJB3007	93HJB3006	
JEC933005		63L09	A20671-016	13	669975	6042325	305					X	93HJB3009	93HJB3008	
JEC933006		63L09	A20671-016	13	668080	6045360	296				X				
JEC933007		63L09	A20671-016	13	671680	6050780	309				X	X	93HJB3011	93HJB3010	
JEC933008		63L09	A20671-016	13	670940	6049610	296				X				
JEC933009		63L09	A20671-016	13	671000	6047850	305				X	X	93HJB3013	93HJB3012	
JEC933010		63L09	A20671-016	13	670560	6049075	305				X	X	93HJB3015	93HJB3014	
JEC933011		63L09	A20745-164	13	674220	6050610	305					X	93HJB3017	93HJB3016	
JEC933012		63L09	A20745-164	13	672065	6052730	302					X	93HJB3019	93HJB3018	
JEC933013		63L09	A20671-016	13	666870	6044510	308					X	93HJB3021	93HJB3020	
JEC933014		63L09	A20671-016	13	669485	6047550	299					X	93HJB3023	93HJB3022	
JEC933015		63L09	A20671-016	13	672515	6047650	296				X				
JEC933016		63L09	A20671-016	13	672375	6047630	308					X	93HJB3025	93HJB3024	
JEC933017		63L09	A20745-177	13	675745	6066770	305					X	93HJB3027	93HJB3026	
JEC933018		63L09	A20745-174	13	687925	6059825	328				X	X	93HJB3029	93HJB3028	
JEC933018		63L09	A20745-174	13	687925	6059825	328					X	93HJB3030		
JEC933018		63L09	A20745-174	13	687925	6059825	328					X	93HJB3031		
JEC933019		63L09	A20671-019	13	685500	6047070	312				X				
JEC933020		63L09	A20745-176	13	681660	6062957	312					X	93HJB3033	93HJB3032	
JEC933021		63L09	A20745-179	13	669997	6066623	328				X	X	93HJB3035	93HJB3034	
JEC933022		63L09	A20805-210	13	662620	6067920	341					X	93HJB3037	93HJB3036	
JEC933023		63L09	A20745-179	13	664771	6065074	343				X	X	93HJB3039	93HJB3038	
JEC933024		63L09	A20745-179	13	667068	6065209	335					X	93HJB3041	93HJB3040	
JEC933025		63L09	A20671-016	13	663929	6044071	309					X	93HJB3043	93HJB3042	
JEC933026		63L09	A20745-176	13	679930	6064545	328				X	X	93HJB3045	93HJB3044	
JEC933027		63L09	A20805-206	13	673300	6068505	343					X	93HJB3047	93HJB3046	
JEC933028		63L09	A20745-179	13	663753	6059788	325				X	X	93HJB3049	93HJB3048	
JEC933029		63L09	A20745-163	13	667901	6051776	322					X	93HJB3051	93HJB3050	
JEC933030		63L09	A20671-015	13	667652	6046404	312					X	93HJB3053	93HJB3052	
JEC933031		63K12	A20671-023	14	332600	6052110	312				X				
JEC933032		63K12	A20671-023	14	310890	6051625	328					X	93HJB3055	93HJB3054	
JEC933033		63K12	A20745-171	14	311820	6051785	320					X	93HJB3057	93HJB3056	
JEC933034		63K12	A20745-171	14	314530	6052595	312					X	93HJB3059	93HJB3058	
JEC933035		63K12	A20745-171	14	315615	6053575	312					X	93HJB3061	93HJB3060	
JEC933035		63K12	A20745-171	14	315615	6053575	312					X	93HJB3062		
JEC933036		63K12	A20745-171	14	315760	6052950	311				X				
JEC933037		63L09	A20745-167	13	688760	6059875	317				X	X	93HJB3064	93 HJB3065	
JEC933038		63L09	A20745-167	13	688600	6056590	311				X	X	93HJB3066	93 HJB3063	

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
JEC933039		63L09	A20745-167	13	686425	6053690	312				X				
MOB930001	On the gravel road towards 63J/4	63K01	A24477-015	14	432993	5983988	265	1b	X			X	93MOB0001. 0002		DLMT
MOB930002	Along road near Talbot Lake	63J04	A24477-014	14	435879	5986795	267	R2			X				DLMT
MOB930003	West of Talbot Lake, along gravel road	63J04	A24477-014	14	438370	5989760	270	1b	X			X	93MOB0003		DLMT
MOB930004	On road going around Talbot Lake,near junction	63J04	A24477-070	14	439567	5993497	267	1b			X				DLMT
MOB930005	Shore of Talbot Lake	63J04	A24477-069	14	440679	5995397	259	5c		X					DLMT
MOB930006	Near portage between NorthMoose & Talbot Lake	63J04	A24477-069	14	441190	5996544	262	1b			X				DLMT
MOB930007	NW of Talbot Lake along main road	63J04	A24477-069	14	442543	5997379	262	1b	X			X	93MOB0004	93MOB0005	DLMT
MOB930008	NW of Talbot Lake, road ditch	63J04	A24477-069	14	443206	5997897	265	R2			X				DLMT
MOB930009	Along main road north of Talbot Lake	63J04	A24477-009	14	445768	6000258	262	1b			X				DLMT
MOB930010	Road in SW part J/3	63J03	A24477-009	14	470293	5990376	291	5c		X					DLMT
MOB930011	Near junction towards J/3	63J04	A24477-009	14	463731	5989238	282	R2			X				DLMT
MOB930012	South of Minago channel	63J04	A24477-073	14	462522	5990889	268	5a			X				DLMT
MOB930013	Along gravel road east of the Talbot Lake	63J04	A24477-073	14	459992	5994103	280	5a			X				DLMT
MOB930014	Road east of Talbot Lake	63J04	A24477-073	14	459622	5995261	290	5a			X				DLMT
MOB930015	Along road that goes around Talbot Lake	63J04	A24477-073	14	458927	5996929	282	1b	X	X		X	93MOB0006	93MOB0007	DLMT
MOB930016	Gravel road east of Talbot Lake	63J04	A24477-073	14	455567	5998968	284	1b			X				DLMT
MOB930017	On small road towards gravel pit,east of Talbot Lake	63J04	A24477-073	14	454339	5997810	284	1b			X				DLMT
MOB930018	Gravel pit east of Talbot Lake	63J04	A24477-071	14	452792	5995076	290	1b	X			X	93MOB0008, 010	93MOB0009	DLMT
MOB930019	On road NE of Talbot Lake	63J04	A24477-071	14	451381	6000949	284	1b			X				DLMT
MOB930020	Along small road NE of Talbot Lake	63J04	A24477-096	14	452036	6006016	290	5a			X				DLMT
MOB930021	Logging road northeast of North Moose Lake	63J04	A24477-096	14	450386	6007798	285	1b	X		X	X	93MOB0011	93MOB0012	DLMT
MOB930022	NE of Cormorant village	63K02	A24477-106	14	396119	6010305	260	1b	X	X		X	93MOB0016 to 0019	93MOB0015	DLMT
MOB930023	Along gravel road towards Cormorant, SW of village	63K02	A24477-106	14	395065	6008648	257	5a			X				DLMT
MOB930024	On small gravel road south of Cormorant	63K02	A24477-106	14	395750	6008799	257	5a			X				DLMT
MOB930025	At northern tip of gravel road towards Cormorant	63K02	A24477-106	14	397721	6008826	260	R2			X				DLMT
MOB930026	South of Cormorant	63K02	A24477-106	14	394874	6007293	275	5c		X					DLMT
MOB930027	On gravel road towards Cormorant	63K02	A24477-107	14	392398	6005300	283	1b			X				DLMT
MOB930028	Along gravel road towards Cormorant	63K02	A24477-107	14	392250	6003887	270	1b	X		X	X	93MOB0021, 0022	93MOB0020	DLMT
MOB930029	On gravel road towards Cormorant,east of Cor lake	63K02	A24477-107	14	392103	6003509	263	1b		X	X				DLMT
MOB930030	Flute on top of The Pas moraine	63K02	A24477-031	14	350273	5989115	290	2b	X			X	93MOB0023	93MOB0025	DLMT
MOB930031	In between two flutes on top of The Pas moraine	63K03	A24477-031	14	349429	5992307	285	2b	X	X		X	93MOB0026	93MOB0027	DLMT
MOB930032	NW flank of The Pas moraine	63K03	A24477-052	14	347659	5997180	281	5c/2b	X			X	93MOB0028	93MOB0030	DLMT
MOB930033	Along gravel road towards Cormorant	63K02	A24477-025	14	383791	5994607	298	1b	X			X	93MOB0031	93MOB0032	DLMT
MOB930034	Along gravel road towards Cormorant	63K02	A24477-025	14	383474	5993119	262	1b			X				DLMT
MOB930035	The Pas moraine beach material	63K03	A24477-031	14	347739	5985886	304	5c		X					DLMT
MOB930036	Along HWY 10, just north of The Pas moraine	63K03	A24477-052	14	347209	5998235	275	5a			X				DLMT
MOB930037	Small gravel road north of Root Lake	63K03	A24477-052	14	345114	5996297	268	5b			X				DLMT
MOB930038	Small quarry on gravel road north of Root Lake	63K03	A24477-052	14	344647	5995933	270	5a			X				DLMT
MOB930039	End of small road north of Root Lake	63K03	A24477-052	14	344301	5995656	261	6		X					DLMT
MOB930040	North of The Pas moraine	63K03	A24477-051	14	346832	5999678	283	1b	X	X	X	X	93MOB0033	93MOB0034	DLMT
MOB930041	East shore of Rocky Lake, end of gravel road towards south	63K03	A24477-051	14	339073	5998634	270	1b	X			X	93MOB0035	93MOB0036	DLMT
MOB930042	On small road east of Rocky Lake	63K03	A24477-051	14	342275	5998582	281	1b			X				DLMT
MOB930043	On small road east of Rocky Lake	63K03	A24477-051	14	342206	5998322	283	1b			X				DLMT
MOB930044	On small road east of Rocky Lake	63K03	A24477-051	14	341964	5998062	282	1b			X				DLMT
MOB930045	On small road east of Rocky Lake	63K03	A24477-051	14	341116	5997630	280	1b			X				DLMT
MOB930046	On small road north of main gravel road (in front of The Pas moraine)	63K03	A24477-051	14	347566	6000617	290	1b			X				DLMT
MOB930047	On small road west of The Pas moraine	63K03	A24477-051	14	347617	6001879	293	5a			X				DLMT
MOB930048	Small road towards N in front of The Pas moraine	63K03	A24477-051	14	350090	6002408	289	1b	X	X	X	X	93MOB0037	93MOB0038	DLMT
MOB930050	On the Pas Moraine, west of Clearwater Lake	63K03	A24477-052	14	349715	5997955	305	2b	X			X	93MOB0039	93MOB0040	DLMT
MOB930051	On the Pas Moraine	63K03	A24477-052	14	352172	5999730	320	2b	X			X	93MOB0041	93MOB0042	DLMT
MOB930052	Gravel road climbing up the Pas Moraine	63K03	A24477-053	14	351677	6001231	315	2b	X	X		X	93MOB0043	93MOB0044	DLMT
MOB930053	Along gravel road towards Yawning Lake	63K03	A24477-115	14	353564	6010831	305	2b	X			X	multiple (section)	93MOB0046	DLMT
MOB930054	Along gravel road towards Yawning Lake, W of Pas Moraine	63K03	A24477-115	14	351228	6011785	292	1b	X			X	93MOB0047	93MOB0048	DLMT
MOB930055	Along gravel road towards Yawning Lake	63K03	A24477-116	14	346775	6012468	292	1b	X			X	93MOB0049	93MOB0050	DLMT
MOB930056	On gravel logging road E of Atik Lake	63K03	A24477-116	14	343494	6010711	280	5a	X	X		X	93MOB0051		DLMT
MOB930057	Along HWY 10,N of small road towards Rocky Lake	63K03	A24477-051	14	346184	6002067	280	1b			X				DLMT
MOB930058	Along HWY 10, before Wanless	63K03	A24477-117	14	345944	6003674	274	5a	X		X	X	93MOB0052	93MOB0053	DLMT
MOB930059	Along HWY 10, at road to Wanless	63K03	A24477-117	14	346022	6006243	270	5a			X				DLMT
MOB930060	Cemetary road in Wanless	63K03	A24477-117	14	345221	6006385	271	5a			X				DLMT
MOB930061	Small road north of Rocky lake	63K03	A24477-117	14	342712	6007482	272	5a			X				DLMT
MOB930062	Small muddy road north of Rocky lake	63K03	A24477-118	14	337971	6007921	270	5a	X			X	93MOB0054	93MOB0055	DLMT
MOB930063	Small gravel road north of Wanless	63K03	A24477-116	14	345525	6011531	288	2b	X			X	93MOB0056, 0338		DLMT
MOB930064	Wanless section	63K03	A24477-116	14	345154	6011492	288	2b	X	X		X	multiple (section)		DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
MOB930065	Along muddy road north of Rocky lake	63K03	A24477-118	14	338164	6007921	271	5a			X				DLMT
MOB930066	Along muddy road north of Rocky lake	63K03	A24477-118	14	337514	6007886	272	5a			X				DLMT
MOB930067	Along muddy road north of Rocky lake	63K03	A24477-118	14	337005	6007851	270	5a			X				DLMT
MOB930068	Minago river channel	63J04	Twp59rge15	14	461935	5991161	265	7b	X			X			DLMT
MOB930069	East of Cormorant Lake, within flood plain	63K02	A24477-107	14	392119	6002869	257	7b	X			X			DLMT
MOB930070	Peat bog in front of The Pas moraine	63K03	A24477-052	14	351011	5998843	287	7a	X	X		X			DLMT
MOB930071	The Pas moraine	63K06	A24477-137	14	355418	6015172	313	2b	X			X	93MOB0068	93MOB0069	DLMT
MOB930072	Northern tip of The Pas moraine	63K06	A24477-138	14	360400	6018029	280	2b	X			X	93MOB0070	93MOB0071	DLMT
MOB930073	Along HWY 10, north of Wanless	63K03	A24477-116	14	346189	6012293	294	2b	X	X		X	93MOB0072-0076		DLMT
MOB930074	On small road north of Mitchel road	63K06	A24477-136	14	348975	6014506	289	2b	X			X	93MOB0077	93MOB0078	DLMT
MOB930075	Along HWY 10, S of road towards Namew lake	63K06	A24477-135	14	345167	6016156	295	2b	X			X	93MOB0079	93MOB0080	DLMT
MOB930076	On road towards Namew Lake	63K06	A24477-135	14	343675	6018568	289	2b	X			X	93MOB0081	93MOB0082	DLMT
MOB930077	Small road north of Namew Road	63K06	A24477-134	14	340216	6020885	301	2b	X			X	93MOB0083, 0085	93MOB0084	DLMT
MOB930078	Along small lake north of Namew Road	63K06	A24477-134	14	339898	6018505	288	1b			X				DLMT
MOB930079	At corner of logging road and Namew Road	63K05	A24477-134	14	336300	6015875	292	R2			X				DLMT
MOB930080	Boat launching on small lake,N of Namew road	63K06	A24477-134	14	338724	6017077	287	1b			X				DLMT
MOB930081	North of Atik Lake	63K05	A24477-133	14	337740	6015299	285	1b	X			X	93MOB0085A	93MOB0086	DLMT
MOB930082	Small logging road north of Namew road	63K05	A24477-133	14	336625	6019200	298	1b	X			X	93MOB0087	93MOB0088	DLMT
MOB930083	Small gravel road north of Namew road	63K05	A24477-133	14	336750	6018700	298	R2			X				DLMT
MOB930084	Small gravel road west of Rocky Lake	63K05	A24477-133	14	332250	6014800	290	1b	X	X		X	93MOB0089	93MOB0090	DLMT
MOB930085	Small road south of Namew Road,W of Rocky Lake	63K04	A24477-119	14	329975	6009100	286	1b			X				DLMT
MOB930086	Road west of Rocky Lake	63K04	A24477-119	14	329225	6007025	282	1b			X				DLMT
MOB930087	Small winter road west of Rocky Lake	63K04	A24477-119	14	325600	6007000	288	5B	X			X	93MOB0091	93MOB0092	DLMT
MOB930088	Small gravel road north of Namew road	63K05	A24477-132	14	333000	6018225	298	4	X			X	93MOB0093	93MOB0094	DLMT
MOB930089	Namew Lake road	63K05	A24477-132	14	329850	6015925	290	5a/1b	X	X	X	X	93MOB0095	93MOB0096	DLMT
MOB930090	Small gravel road north of Namew road	63K05	A24477-131	14	326300	6017125	298	1b	X			X	93MOB0097	93MOB0098	DLMT
MOB930091	Along road NE of Namew Lake	63K05	A24477-130	14	320325	6018450	270	1b			X				DLMT
MOB930092	Along road NE of Namew Lake	63K05	A24477-130	14	320450	6016700	292	R2			X				DLMT
MOB930093	At turn off to Namew mine	63K05	A24477-131	14	320950	6015000	289	R2			X				DLMT
MOB930094	On Namew Lake road	63K05	A24477-131	14	323725	6015925	292	1b			X				DLMT
MOB930095	Old road-pit near Namew Lake	63K05	A24477-131	14	323025	6016300	292	1b	X			X	93MOB0099	93MOB0100	DLMT
MOB930096	Road towards Namew Mine	63K04	A24477-130	14	320925	6013875	290	1b			X				DLMT
MOB930097	Road towards Namew Mine	63K04	A24477-130	14	319575	6010675	282	1b			X				DLMT
MOB930098	Namew Mine quarry	63K04	A24477-130	14	320350	6011775	283	1b	X	X	X	X	93MOB0101	93MOB0102	DLMT
MOB930099	Namew Lake road-old road	63K05	A24477-130	14	321325	6016600	290	R2			X				DLMT
MOB930100	Old road towards Namew Lake	63K05	A24477-130	14	322350	6016425	289	5a			X				DLMT
MOB930102	Island on North Moose Lake	63K01	A24477-017	14	422514	5990266	256	1b	X			X	93MOB0104	93MOB0105	DLMT
MOB930103	Wolverine Is on N Moose Lake	63K01	A24477-099	14	432235	6003552	256	2b	X	X	X	X	93MOB0106	93MOB0107	DLMT
MOB930104	East side of Limestone Bay,N Moose Lake	63K01	A24477-100	14	425935	6008204	256	1b	X	X	X	X	93MOB0108	93MOB0109	DLMT
MOB930105	SE of Sandy Bay,N Moose Lake	63K01	A24477--102	14	417700	6004128	257	2b	X			X	93MOB0110	93MOB0111	DLMT
MOB930106	West side of Sandy Bay	63K01	A24477-103	14	410823	6008534	258	1b	X			X	93MOB0112	93MOB0113	DLMT
MOB930107	Small fluted point on Blue Lake	63K08	A24477-149	14	420329	6012190	277	1b	X			X	93MOB0114	93MOB0115	DLMT
MOB930108	Okotakunusk Lake	63K08	A24477-192	14	424981	6019970	278	1b	X			X	93MOB0116	93MOB0117	DLMT
MOB930109	Small lake NE of Cormorant	63K07	A24477-146	14	400204	6015621	274	2b	X		X	X	93MOB0118	93MOB0119	DLMT
MOB930110	Small lake NE of Cormorant	63K08	A24477-146	14	403085	6019729	288	5c	X			X	93MOB0120	93MOB0121	DLMT
MOB930111	SE of Cormorant,on small lake N of railway station	63K08	A24477-147	14	408017	6017403	285	1b	X			X	93MOB0122	93MOB0123	DLMT
MOB930112	Small round lake NW of Dyce lake	63K08	A24477-191	14	422328	6028546	290	2b	X		X	X	93MOB0124	93MOB0125	DLMT
MOB930113	Patriarche lake	63K09	A24477-028	14	433355	6040607	290	1b	X		X	X	93MOB0126	93MOB0127	DLMT
MOB930114	Farwell lake	63K09	A24477-025	14	420837	6044984	287	1b	X			X	93MOB0128	93MOB0129	DLMT
MOB930114A	Farwell lake	63K09	A24477-025	14	424332	6046974	287	R2	X		X				DLMT
MOB930115	McClarty lake	63K08	A24477-228	14	414432	6035019	295	2b	X			X	93MOB0130, 0132	93MOB0131	DLMT
MOB930116	Along HWY 10, north of Namew Mine road	63K06	A24477-135	14	344183	6020155	295	5c	X	X					DLMT
MOB930117	Small logging road north of Namew road, from HWY 10	63K06	A24477-135	14	343199	6020885	301	2b	X			X	93MOB0133	93MOB0134	DLMT
MOB930118	Along HWY 10, south of Egg Lake	63K06	A24477-177	14	343834	6022027	301	5b	X			X	93MOB0135	93MOB0136	DLMT
MOB930119	Small burrow pit on HWY 10, SE of Egg Lake	63K06	A24477-177	14	344899	6025552	291	2b	X	X		X	93MOB0137	93MOB0138	DLMT
MOB930120	Along HWY 10, SE of Goose Lake	63K06	A24477-176	14	345718	6030000	296	1b			X				DLMT
MOB930121	Along HWY 10, SE of Goose Lake	63K06	A24477-176	14	345535	6029800	296	1b			X				DLMT
MOB930122	Along HWY 10, SE of Goose Lake	63K06	A24477-176	14	345886	6030351	293	1b	X	X	X	X	93MOB0139	93MOB0140	DLMT
MOB930123	Small gravel road SW of Simonhouse Lake	63K06	A24477-241	14	349444	6032704	305	3		X	X				DLMT
MOB930124	Small gravel road SW of Simonhouse Lake	63K06	A24477-241	14	351284	6033325	305	1b	X			X	93MOB0141	93MOB0142	DLMT
MOB930125	Goose Lake, NW shore	63K05	A24477-244	14	328300	6036800	290	2b	X			X	93MOB0143	93MOB0144	DLMT
MOB930126	Goose Lake, NW shore	63K05	A24478-009	14	336000	6039250	283	2b	X			X	93MOB0145	93MOB0146	DLMT
MOB930127	Goose Lake, NW shore	63K05	A24478-009	14	337350	6040375	281	R1			X				GRNG
MOB930128	Goose Lake, N shore	63K11	A24478-009	14	340166	6043064	282	2b	X			X	93MOB0147	93MOB0148	BEXV

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB930129	Small island in the northern part of Goose Lake	63K06	A24478-010	14	339921	6041126	281	R1			X				GRNG
MOB930130	Goose Lake, E shore	63K06	A24478-010	14	342439	6039720	282	1b	X			X	93MOB0149, 0151	93MOB0150	DLMT
MOB930131	Eastern shore of Simonhouse Lake	63K11	A24478-070	14	364591	6046852	298	2b	X			X	93MOB0152	93MOB0153	DLMT
MOB930132	NE of Simonhouse Lake	63K11	A24478-071	14	367003	6049815	295	R1	X		X		93MOB0154		BEXV
MOB930133	At point of small island, north of Simonhouse Lake	63K11	A24478-070	14	363873	6050485	295	R1			X				GRNG
MOB930134	Northern Simonhouse Lake	63K11	A24478-070	14	363058	6051702	298	1a	X			X	93MOB0155	93MOB0156	GRNG
MOB930135	Northern shore of Simonhouse Lake	63K11	A24478-071	14	359629	6052761	296	1a	X			X	93MOB0157	93MOB0158	BEXV
MOB930136	Small muddy road north of Rocky Lake	63K04	A24478-071	14	332500	6009700	275	1b	X			X	93MOB0159, 0161	93MOB0160	DLMT
MOB930137	Small muddy road north of Rocky Lake	63K04	A24478-118	14	333850	6009350	275	1b			X				DLMT
MOB930138	Small muddy road north of Rocky Lake	63K04	A24478-118	14	334650	6008375	275	1b	X			X	93MOB0162	93MOB0163	DLMT
MOB930139	Small logging road SW of Athapap Lake	63K05	A24478-005	14	317275	6041425	312	2b	X			X	93MOB0164	93MOB0165	DLMT
MOB930140	Small logging road, SW of Athapap Lake	63K05	A24478-006	14	318325	6039450	315	5c		X					DLMT
MOB930141	On small logging road, SW of Athapap Lake	63K05	A24478-006	14	321650	6036875	310	2b	X			X	93MOB0166, 0168	93MOB0167	DLMT
MOB930142	Small logging road, NW of Goose Lake	63K05	A24478-006	14	326150	6038350	302	2b	X	X		X	93MOB0169, 0171	93MOB0170	DLMT
MOB930143	Logging road south of Athapap Lake	63K05	A24478-007	14	329125	6039825	307	2b	X	X		X	93MOB0172, 174, 175	93MOB0173	DLMT
MOB930144	NE of Sawmill, logging road south of Athapap Lake	63K05	A24478-008	14	333175	6040750	302	1b			X				DLMT
MOB930145	Along logging road south of Athapap Lake	63K12	A24478-008	14	333950	6041950	304	2b	X			X	93MOB0176	93MOB0177	DLMT
MOB930146	Logging road south of Athapap Lake	63K12	A24478-009	14	339196	6045524	302	1b			X				DLMT
MOB930147	South of Athapap Lake, just west of Goose River	63K11	A24478-009	14	339859	6045808	302	1b			X				DLMT
MOB930148	Under bridge crossing Goose River	63K11	A24478-009	14	340805	6045926	292	R1			X				ACIV
MOB930149	Ray lake, north of Clearwater Lake	63K03	A24477-113	14	359650	6003680	280	1b	X			X	93MOB0178	93MOB0179	DLMT
MOB930150	Small lake south of Rocky Lake	63K04	A24477-049	14	334000	5997600	264	5a	X			X	93MOB0181	93MOB0182	DLMT
MOB930151	Hagan Lake, NE shore	63K04	A24477-049	14	312750	6000000	290	1b	X			X	93MOB0183	93MOB0184	DLMT
MOB930152	Small lake east of Hagan Lake	63K04	A24477-046	14	317250	5999750	290	1b	X			X	93MOB0185	93MOB0186	DLMT
MOB930153	West of Goose River, along Athapap road	63K12	A24478-009	14	337900	6044770	312	1b	X			X	93MOB0187	93MOB0188	DLMT
MOB930154	East of small dam on Goose river	63K11	A24478-010	14	340450	6046257	291	1a			X				GRNT
MOB930155	Small burrow pit east of Goose river, Athapap road	63K11	A24478-010	14	341041	6046092	295	1b	X			X	93MOB0189	93MOB0190	DLMT
MOB930156	Athapap road, east of Goose River	63K11	A24478-010	14	342626	6047085	296	5a			X				DLMT
MOB930157	Athapap road, east of Goose River	63K11	A24478-010	14	343880	6047345	296	R2			X				DLMT
MOB930158	Athapap road, near small gravel road running north	63K11	A24478-010	14	345607	6048055	299	1b	X		X	X	93MOB0191	93MOB0192	DLMT
MOB930159	Athapap road, west of HWY 10	63K11	A24478-010	14	345962	6047818	299	R2			X				DLMT
MOB930160	Burrow pit south of Cranberry Portage	63K11	A24478-010	14	346459	6046943	302	1b			X				DLMT
MOB930161	Simonhouse road, east of HWY 10	63K11	A24478-010	14	346530	6044885	300	1b			X				DLMT
MOB930162	Large pit 700m long, along HWY 10, S of Cranberry	63K11	A24478-010	14	346364	6044034	305	2b	X	X	X	X	93MOB0193-204	93MOB0205	DLMT
MOB930163	Flat bedrock surfaces along HWY 10	63K06	A24477-242	14	345728	6038106	290	1b			X				DLMT
MOB930164	Along HWY 10, north of 391	63K06	A24477-242	14	345801	6037727	289	1b	X		X	X	93MOB0206	93MOB0207	DLMT
MOB930165	Large burrow pit along HWY 10	63K06	A24477-242	14	345813	6037483	288	1b		X	X				DLMT
MOB930166	SW shore of First Cranberry,along small muddy road	63K11	A27118-020	14	348028	6050695	305	1b	X			X	93MOB0208	93MOB0209	DLMT
MOB930167	Small road west of Cranberry Portage	63K11	A27118-020	14	345515	6050997	305	1b	X			X	93MOB0210	93MOB0211	DLMT
MOB930168	West of Cranberry lodge	63K11	A27118-020	14	347446	6051323	300	R1			X				MVCC
MOB930169	Flat burnt terrain,north of North Moose Lake	63K08	A24477-152	14	345980	6054883	285	2b	X			X	93MOB0212	93MOB0213	DLMT
MOB930170	Large dolomitic plateau	63K08	A24477-224	14	431487	6033336	288	R2	X		X	X	93MOB0214	93MOB0215	DLMT
MOB930171	SE of Farwell Lake	63K09	A24478-026	14	426688	6042763	293	5c	X			X	93MOB0217	93MOB0216	DLMT
MOB930172	NW of Farwell Lake	63K09	A24478-059	14	420216	6048319	293	1b	X			X	93MOB0218	93MOB0219	DLMT
MOB930173A	S of Reed Lake, north of McClarty Lake	63K08	A24478-023	14	409950	6040600	293	2b	X			X	93MOB0220	93MOB0221	DLMT
MOB930173B	Along railway tracks	63K08	A24477-189	14	417241	6020531	290	2b	X			X	93MOB0222	93MOB0223	DLMT
MOB930174	North of N. Moose Lake	63K08	A24477-148	14	413632	6015077	292	1b	X			X	93MOB0224	93MOB0225	DLMT
MOB930175	Pickerel creek	63K01	A24477-105	14	403022	6010425	260	5a	X		X	X	93MOB0226	93MOB0227	DLMT
MOB930176	North of Cormorant lake	63K07	A24477-193	14	383977	6018524	280	1b	X	X		X	93MOB0228	93MOB0229	DLMT
MOB930177	North of Yawhingstone Lake	63K07	A24477-183	14	380844	6027465	297	1b	X			X	93MOB0230		DLMT
MOB930178	NE of White house Lake	63K10	A24477-019	14	391605	6044611	306	2b	X			X	multiple (section)	93MOB0232	DLMT
MOB930179	Small rise south of Leak Lake	63K10	A24477-017	14	383180	6047121	304	3	X			X		93MOB0234	DLMT
MOB930180	SE of Second Central Lake	63K10	A24477-017	14	375463	6046365	304	2b	X			X	93MOB0235	93MOB0236	DLMT
MOB930181	Halfway Lake, north side	63K07	A24477-185	14	394309	6025265	284	2b	X			X	93MOB0237	93MOB0238	DLMT
MOB930182	Dolomite Lake , eastern shore, along cutline	63K07	A24477-230	14	401278	6035643	282	2b	X			X	93MOB0239	93MOB0240	DLMT
MOB930183	Black duck Lake, south shore	63K10	A24477-022	14	399519	6040423	291	5a	X			X	93MOB0241	93MOB0242	DLMT
MOB930184	Rabitt Lake, SW of Black duck.	63K07	A24477-020	14	393750	6037063	300	2b	X			X	93MOB0243	93MOB0244	DLMT
MOB930185	Rat Lake, SE shore	63K07	A24477-233	14	388124	6033688	287	2b	X			X	93MOB0245	93MOB0246	DLMT
MOB930186	SE shore of Yawhingstone Lake	63K07	A24477-183	14	378984	6022046	271	5c	X			X	93MOB0247	93MOB0248	DLMT
MOB930187	North shore of Mitchell Lake in logged area	63K06	A24477-181	14	368447	6027346	290	1b	X			X	93MOB0249	93MOB0250	DLMT
MOB930188	Fly-in lake, NE tip.	63K06	A24477-236	14	368558	6031608	283	1b	X			X	93MOB0251	93MOB0252	DLMT
MOB930189	Eastern tip of Pothier Lake	63K06	A24477-237	14	366449	6035161	292	1-2b	X			X	93MOB0253	93MOB0254	DLMT
MOB930190	Pothier Lake southern shore.	63K06	A24477-238	14	360721	6029788	290	2b	X			X	93MOB0255	93MOB0256	DLMT
MOB930191	Pothier Lake NW shore, burnt forest.	63K06	A24477-230	14	355281	6031697	288	2b	X			X	93MOB0257	93MOB0258	DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB930192	Election Lake, south shore	63K11	A24478-099	14	356424	6049639	297	5a	X	X	X	X	93MOB0259	93MOB0260	GNSS
MOB930193	Wedge Lake	63K11	A24478-099	14	368035	6059110	297	1a	X			X	93MOB0261	93MOB0262	GNSS
MOB930194	West camp Lake, northern shore	63K11	A24478-069	14	368154	6055975	296	1a	X			X	93MOB0263	93MOB0264	GNSS
MOB930195	On lee-side of bedrock plateau	63K10	A24478-067	14	385188	6050824	310	1b	X			X	93MOB0265	93MOB0266	DLMT
MOB930196	Southern outlier on the road to Snow Lake	63J12	A24478-142	14	437100	6065300	295	R2			X				DLMT
ROY930001		63K12	A20745-172	14	313900	6063525	320				X				DLMT
ROY930002		63K12	A20745-172	14	314950	6064100	335				X	X	93HJB4075	93HJB4074	DLMT
ROY930003		63K12	A20745-172	14	315700	6066975	335				X	X	93HJB4077	93HJB4076	DLMT
RUT930001	Southern edge of NATMAP area and east of Talbot Lake	63J04	A24477-010	14	466768	5983546	281	1b	X	X	X	X	93MOB1001	93MOB1002	DLMT
RUT930002	0.8 km from logging road and east of Talbot Lake	63J04	A24477-010	14	465264	5984106	274	1b			X				DLMT
RUT930003	2 km west of the Talbot lake road	63J04	A24477-010	14	463967	5983546	282	1b			X				DLMT
RUT930004	Along road towards 63G	63J04	A24477-009	14	466326	5984490	274	R2		X	X				DLMT
RUT930005	Along road going to 63G	63J04	A24477-009	14	465706	5986731	287	1b			X				DLMT
RUT930006	Along road to 63G	63J04	A24477-009	14	465353	5987557	287	1b			X				DLMT
RUT930007	At the junction of road leading towards 63J/3	63J04	A24477-009	14	463849	5989061	282	1b	X			X	93MOB1004	93MOB1003	DLMT
RUT930008	End of road in SW part of 63J/3	63J04	A24477-009	14	473218	5991160	284	1b	X			X	93MOB1005	93MOB1006	DLMT
RUT930009	Road in SW part of 63J/3	63J03	A24477-009	14	472487	5991020	288	R2			X				DLMT
RUT930010	On the road in the SW part of 63J/3	63J03	A24477-009	14	470885	5990501	290	R2			X				DLMT
RUT930011	Road in the SW part of 63J/3	63J03	A24477-009	14	468866	5990045	290	1b			X				DLMT
RUT930012	1km east of the road towards 63J/3	63J04	A24477-009	14	464910	5989356	290	R2			X				DLMT
RUT930013	Road to 63 K/1	63J04	A24477-069	14	435236	5994472	274	1b			X				DLMT
RUT930014	Road-SE margin of 63 K/1-south of North Moose Lake	63K01	A24477-068	14	433802	5995228	260	1b			X				DLMT
RUT930015	Road-SE margin of 63 K/1-south of North Moose Lake	63K01	A24477-068	14	433136	5995205	260	1b			X				DLMT
RUT930016	E-W road, located in SE part of 63K/1	63K01	A24477-068	14	430725	5993414	265	1b	X			X	93MOB1007	93MOB1008	DLMT
RUT930017	N-S road, just south of North Moose Lake & S. of K	63K01	A24477-068	14	431598	5993919	270	R2			X				DLMT
RUT930018	N-S road, South of E-W road, in SE part of 63K/1	63K01	A24477-068	14	431621	5993024	271	5a			X				DLMT
RUT930019	Road to 63K/1	63J04	A24477-068	14	434773	5994678	265	1b			X				DLMT
RUT930020	SoutHWYard branch off road running E-W in SE 63K/1	63K01	A24477-068	14	433458	5990957	271	R2			X				DLMT
RUT930021	SoutHWYard branch off road running E-W in SE 63K/1	63K01	A24477-068	14	433389	5990911	265	5a	X			X	93MOB1009	93MOB1010	DLMT
RUT930022	Road to Cormorant	63K02	A24477-059	14	383830	5994600	263	1b			X				DLMT
RUT930023	Road to Cormorant	63K02	A24477-059	14	387594	5998382	265	1b	X			X	93MOB1011	93MOB1012	DLMT
RUT930024	Road to Cormorant	63K02	A24477-059	14	387576	5994777	260	1b	X			X	93MOB1013	93MOB1014	DLMT
RUT930025	Road to Cormorant	63K02	A24477-059	14	385597	5996103	255	R2			X				DLMT
RUT930026	Road to Cormorant	63K02	A24477-059	14	383034	5992036	265	1b	X			X	93MOB1015	93MOB1016	DLMT
RUT930026A	Road to Cormorant	63K02	A24477-025	14	382932	5991875	265	R2			X				DLMT
RUT930027	Logging road branching west from Cormorant road	63K02	A24477-025	14	382780	5991765	265	1b	X			X	93MOB1017	93MOB1018	DLMT
RUT930028	Road to Cormorant Lake	63K02	A24477-025	14	381705	5990377	280	1b	X			X	93MOB1019	93MOB1020	DLMT
RUT930029	The abandoned Hugo Bay Camp-W of Clearwater Lake	63K02	A24477-025	14	376739	5990126	265	1b	X			X	93MOB1021	93MOB1022	DLMT
RUT930030	Logging road branching NW of Cormorant Lake road	63K02	A24477-025	14	378695	5989373	280	5c	X						DLMT
RUT930031	SW margin of NATMAP-road branching SE from Cormorant Lake	63K02	A24477-025	14	376979	5985562	265	R2	X			X	93MOB1023		DLMT
RUT930032	SW margin of NATMAP -road to Cormorant Lake	63K02	A24477-025	14	376600	5985972	267	1b							DLMT
RUT930033	E shore Clearwater lake	63K02	A24477-027	14	372202	5991469	267	5c		X					DLMT
RUT930034	Bedrock cliffs on E shore of Clearwater lake	63K02	A24477-056	14	373159	5993722	265	R2		X					DLMT
RUT930035	E shore Clearwater lake	63K02	A24477-056	14	373107	5996404	265	5c							DLMT
RUT930036	E shore Clearwater lake	63K02	A24477-056	14	373134	5997816	265	5a	X						DLMT
RUT930037	NE of Clearwater lake	63K02	A24477-056	14	371427	5999267	265	R2		X					DLMT
RUT930038	NE of Clearwater lake	63K02	A24477-056	14	371978	5999388	265	R2			X				DLMT
RUT930039	East shore of Clearwater Lake	63K02	A24477-056	14	373094	5999899	265	R2			X				DLMT
RUT930040	Three trees point	63K03	A24477-030	14	357120	5989232	260	7b	X						DLMT
RUT930041	W shore Clearwater lake	63K03	A24477-030	14	356225	5991608	260	7b		X					DLMT
RUT930042	Bay on NW shore of Clearwater lake	63K03	A24477-053	14	355269	5994385	260	7b				X		93MOB1024	DLMT
RUT930043	NW shore of Clearwater lake	63K03	A24477-053	14	356309	5997146	265	7b		X					DLMT
RUT930044	W shore of Clearwater lake	63K03	A24477-054	14	357977	5997269	265	1b	X			X	93MOB1025	93MOB1026	DLMT
RUT930045	NW shore of Clearwater lake, just west of Bacon island	63K03	A24477-054	14	361841	5997849	265	1b/R2	X		X	X	93MOB1027	93MOB1028	DLMT
RUT930046	Approx. 5km N of Wanless on 10 HWY	63K03	A24477-117	14	346106	6011208	290	1b	X			X	93MOB1029	93MOB1030	DLMT
RUT930047	Campground on Rocky lake	63K03	A24477-117	14	343830	6005510	272	R2							DLMT
RUT930048	10 HWY S of Wanless	63K03	A24477-117	14	345806	6002707	272	R2			X				DLMT
RUT930050	East shore of Clearwater Lake	63K02	A24477-027	14	372835	5989725	265	2b	X			X	93MOB1034	93MOB1033	DLMT
RUT930051	East shore of Clearwater Lake	63K02	A24477-056	14	373188	5996324	265	2b	X			X	93MOB1035	93MOB1036	DLMT
RUT930052	East shore of Clearwater Lake	63K02	A24477-056	14	372835	5993521	270	1b	X			X	93MOB1037		DLMT
RUT930053	SW shore of Cormorant Lake	63K02	A24477-059	14	383388	5999513	260	1b			X				DLMT
RUT930054	W shore of Cormorant Lake, S of Clearwater LK portage	63K02	A24477-057	14	377268	6000924	260	R2			X	*			DLMT
RUT930055	W shore of Cormorant Lake, 1.5km N of Clearwater LK portage	63K02	A24477-110	14	376826	6003505	255	1b	X			X	93MOB1038	93MOB1039	DLMT
RUT930056	Atik Island	63K02	A24477-110	14	379669	6006530	255	R2		X	X				DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
RUT930057	Willow Bay of Cormorant Lake	63K07	A24477-141	14	380952	6018940	255	R2			X				DLMT
RUT930058	W shore of Cormorant Lake	63K02	A24477-111	14	374455	6008735	260	1b	X		X	X	93MOB1040	93MOB1041	DLMT
RUT930059	W shore of Cormorant Lake	63K02	A24477-110	14	376892	6007606	257	R2			X				DLMT
RUT930060	W shore of Cormorant Lake	63K02	A24477-110	14	377160	6006154	255	R2			X				DLMT
RUT930061	Mitchel Lake road	63K03	A24477-114	14	360588	6011721	280	1b	X			X	93MOB1042	93MOB1043	DLMT
RUT930062	Mitchel Lake road	63K03	A24477-113	14	364477	6011360	280	1b	X			X	93MOB1044	93MOB1045	DLMT
RUT930063	Mitchel Lake road	63K03	A24477-139	14	365325	6011933	281	R2			X				DLMT
RUT930064	Mitchel Lake road	63K06	A24477-139	14	366510	6013566	280	R2			X				DLMT
RUT930065	Victoria Lake road	63K06	A24477-139	14	367112	6013773	281	R2			X				DLMT
RUT930066	Mitchel Lake road	63K06	A24477-139	14	368788	6014733	275	1b	X			X	93MOB1046	93MOB1047	DLMT
RUT930067	Mitchel Lake road	63K06	A24477-139	14	369259	6015128	255	R2			X				DLMT
RUT930068	Mitchel Lake road	63K07	A24477-140	14	370496	6016996	260	R2			X				DLMT
RUT930069	Mitchel Lake road	63K07	A24477-140	14	371208	6017636	260	1b	X			X	93MOB1048		DLMT
RUT930070	Mitchel Lake road	63K07	A24477-140	14	372085	6018679	260	1b			X				DLMT
RUT930071	Mitchel Lake road	63K07	A24477-140	14	373294	6020054	260	R2			X				DLMT
RUT930072	Mitchel Lake road	63K07	A24477-181	14	371753	6020647	262	1b			X				DLMT
RUT930073	Mitchel Lake road	63K07	A24477-181	14	373389	6021737	262	1b	X	X	X	X	93MOB1049	93MOB1050	DLMT
RUT930074	Mitchel Lake road	63K07	A24477-181	14	372559	6025365	270	R2			X				DLMT
RUT930075	Mitchel Lake road	63K07	A24477-181	14	371800	6024583	265	R2		X	X				DLMT
RUT930076	Mitchel Lake road	63K07	A24477-181	14	371539	6024037	265	1b	X			X	93MOB1051		DLMT
RUT930077	Mitchel Lake road	63K06	A24477-181	14	369428	6020212	280	R2			X				DLMT
RUT930078	Mitchel Lake road	63K07	A24477-181	14	371729	6020623	268	R2			X				DLMT
RUT930079	North Moose lake	63K01	A24477-018	14	419440	5988790	265	R2		X					DLMT
RUT930080	East shore of North Moose Lake	63K01	A24477-018	14	417533	5984711	260	1b	X			X	93MOB1052	93MOB1053	DLMT
RUT930081	Rocky Lake-SW shore	63K04	A24477-050	14	336150	5999675	260	R2			X				DLMT
RUT930082	Rocky Lake-SW shore	63K04	A24477-050	14	336500	6001025	260	1b	X		X	X	93MOB1054	93MOB1055	DLMT
RUT930083	Small Island along SW shore of Rocky lake	63K04	A24477-047	14	334500	6001575	265	R2			X				DLMT
RUT930084	SW shore of Rocky lake	63K04	A24477-048	14	327900	5997775	265	R2			X				DLMT
RUT930085	NW shore of Rocky lake	63K04	A24477-118	14	334750	6005275	265	R2			X				DLMT
RUT930086	Road running south from the Namew Lake road.	63K04	A24477-048	14	329475	6000850	270	R2			X				DLMT
RUT930087	Road running south from the Namew Lake road.	63K04	A24477-048	14	331950	6002075	267	R2			X				DLMT
RUT930088	Road running south from the Namew Lake road.	63K04	A24477-048	14	331175	6002025	260	1b	X			X	93MOB1056	93MOB1057	DLMT
RUT930089	Road running south from the Namew Lake road.	63K04	A24477-048	14	331075	6002875	272	R2			X				DLMT
RUT930090	Road running south from the Namew Lake road.	63K04	A24477-119	14	330675	6005125	270	R2			X				DLMT
RUT930091	Road running south from the Namew Lake road.	63K04	A24477-119	14	329525	6007000	280	1b	X			X	93MOB1058	93MOB1059	DLMT
RUT930092	Road running south from the Namew Lake road.	63K04	A24477-119	14	330475	6011100	285	1b	X	X		X	93MOB1060	93MOB1061	DLMT
RUT930093	North shore of Namew Lake	63L08	A24477-127	13	692600	6017325	265	R2		X	X				DLMT
RUT930094	North shore of Namew Lake	63K05	A24477-128	14	304750	6015400	270	R2			X				DLMT
RUT930095	North shore of Namew Lake	63K05	A24477-128	14	312850	6016400	265	1b	X			X	93MOB1062	93MOB1063	DLMT
RUT930096	Road parallel to Goose River	63K05	A24477-172	14	318225	6019150	275	2b	X	X		X	93MOB1064	93MOB1066	DLMT
RUT930097	Road parallel to Goose River	63K05	A24477-172	14	318175	6022675	280	2b	X		X	X	93MOB1067	93MOB1068	DLMT
RUT930098	Road parallel to Goose River	63K05	A24477-172	14	322100	6023325	285	R2			X				DLMT
RUT930099	Road parallel to Goose River	63K05	A24477-172	14	322525	6023625	285	R2		X	X				DLMT
RUT930100	Road parallel to Goose River	63K05	A24477-172	14	322375	6023400	285	1b	X			X	93MOB1069	93MOB1070	DLMT
RUT930101	South shore of Namew Lake	63K04	A24477-044	14	306275	6005550	265	R2			X				DLMT
RUT930102	South shore of Namew Lake	63K04	A24477-044	14	305450	6004725	265	R2			X				DLMT
RUT930103	Road along southern shore of Goose Lake	63K05	A24477-172	14	323850	6026150	298	2b	X	X		X	93MOB1071	93MOB1072	DLMT
RUT930104	Road along southern shore of Goose Lake	63K05	A24477-172	14	325350	6029150	291	2b	X			X	93MOB1073	93MOB1074	DLMT
RUT930105	Road along southern shore of Goose Lake	63K05	A24477-172	14	328500	6029550	283	R2			X				DLMT
RUT930106	Road along southern shore of Goose Lake	63K05	A24477-173	14	329050	6029450	285	1b	X			X	93MOB1075	93MOB1076	DLMT
RUT930107	Road along southern shore of Goose Lake	63K05	A24477-173	14	330400	6028950	285	R2			X				DLMT
RUT930108	Road along southern shore of Goose Lake	63K05	A24477-173	14	332525	6029650	290	1b			X				DLMT
RUT930109	Road along southern shore of Goose Lake	63K05	A24477-173	14	332600	6029750	285	R2			X				DLMT
RUT930110	Road along southern shore of Goose Lake	63K05	A24477-173	14	333125	6030000	290	1b	X			X	93MOB1077	93MOB1078	DLMT
RUT930111	Road between Goose Lake & Egg Lake	63K05	A24477-174	14	336850	6030450	293	2b	X			X	93MOB1079	93MOB1080	DLMT
RUT930112	Road between Goose Lake & Egg Lake	63K06	A24477-175	14	339448	6031756	295	2b	X			X	93MOB1081	93MOB1082	DLMT
RUT930113	Road between Goose Lake & Egg Lake	63K06	A24477-175	14	341739	6031305	291	1b			X				DLMT
RUT930114	Road between Goose Lake & Egg Lake	63K06	A24477-176	14	344816	6028780	288	5c		X					DLMT
RUT930115	Road between Goose Lake & Egg Lake	63K06	A24477-176	14	344397	6028479	290	2b	X			X	93MOB1083	93MOB1084	DLMT
RUT930116	Road between Goose Lake & Egg Lake	63K06	A24477-176	14	344581	6028010	290	2b		X					DLMT
RUT930117	SW shore of Egg Lake	63K06	A24477-176	14	340501	6024716	283	2b	X			X	93MOB1085	93MOB1086	DLMT
RUT930118	SW shore of Egg Lake	63K06	A24477-176	14	337050	6025775	284	R2			X				DLMT
RUT930119	SW shore of Egg Lake	63K06	A24477-175	14	337050	6025850	284	2b	X			X	93MOB1087	93MOB1088	DLMT
RUT930120	South shore of Goose Lake	63K06	A24477-242	14	342670	6032676	285	1b	X			X	93MOB1089	93MOB1090	DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
RUT930121	Goose Bay	63K05	A24477-242	14	336800	6033750	285	1b	X			X	93MOB1091	93MOB1092	DLMT
RUT930122	Niska Island in Goose Lake	63K05	A24477-244	14	332075	6035875	300	1b	X			X	93MOB1093	93MOB1094	DLMT
RUT930123	Simonhouse Lake logging road	63K06	A24478-012	14	347869	6037760	295	1b	X			X	93MOB1095	93MOB1096	DLMT
RUT930124	Simonhouse Lake logging road	63K06	A24478-012	14	350042	6040576	305	1b			X				DLMT
RUT930125	Simonhouse Lake logging road	63K06	A24478-012	14	350774	6041263	305	1b			X				DLMT
RUT930126	Simonhouse Lake logging road	63K11	A24478-012	14	351403	6041952	312	1b	X			X	93MOB1097	93MOB1098	DLMT
RUT930127	Simonhouse Lake logging road	63K11	A24478-012	14	353082	6043466	305	R2			X				DLMT
RUT930128	Simonhouse Lake logging road	63K11	A24478-012	14	353508	6044057	305	R2			X				DLMT
RUT930129	Simonhouse Lake logging road	63K11	A24478-012	14	352396	6045382	305	2b	X	X		X	93MOB1099	93MOB1100	DLMT
RUT930130	Simonhouse Lake logging road	63K11	A24478-012	14	352254	6045027	310	R2			X				DLMT
RUT930131	Simonhouse Lake logging road	63K11	A24478-012	14	351616	6044956	312	R2			X				DLMT
RUT930132	Simonhouse Lake logging road	63K11	A24478-011	14	348162	6044956	305	2b	X			X	93MOB1101	93MOB1102	DLMT
RUT930133	Southern shore of Simonhouse Lake	63K06	A24478-240	14	353923	6036252	296	R2			X				DLMT
RUT930134	Island in the south of Simonhouse Lake	63K06	A24478-240	14	353457	6037272	296	R2			X				DLMT
RUT930135	SoutHWYest shore of Simonhouse Lake	63K11	A24478-013	14	354005	6041786	315	2b	X			X	93MOB1103	93MOB1104	DLMT
RUT930136	Small logging road running south from Namew Lake road	63K03	A24478-135	14	339580	6013874	280	2b	X			X	93MOB1105	93MOB1106	DLMT
RUT930137	Pickerel Lake	63K06	A24478-239	14	359999	6036185	295	1b	X			X	93MOB1107, 1109	93MOB1108	DLMT
RUT930138	Logging road towards Pickerel Lake	63K06	A24478-239	14	356916	6036540	303	1b	X			X	93MOB1110	93MOB1111	DLMT
RUT930139	Small lake just south of Pickerel Lake	63K06	A24478-239	14	362238	6034544	290	2b	X			X	93MOB1112	93MOB1113	DLMT
RUT930140	Logging road just north of Pickerel Lake	63K06	A24478-238	14	361063	6037516	300	2b	X			X	93MOB1114	93MOB1115	DLMT
RUT930141	Gravel road running from HWY 10-just N of Cranberry Portage	63K11	A27118-020	14	349633	6056186	300	R1			X				PC
RUT930142	Gravel road running from HWY 10-just N of Cranberry Portage	63K11	A27118-020	14	350238	6055744	275	R1			X				PC
RUT930143	Gravel road running from HWY 10-just N of Cranberry Portage	63K11	A27118-020	14	349377	6054138	310	R1	X			X	93MOB1116	93MOB1117	GRNT
RUT930144	Gravel road running from HWY 10-just N of Cranberry Portage	63K11	A27118-020	14	347516	6054045	290	R1			X				GRNT
RUT930145	HWY 10 at Otter Lake	63K11	A27118-020	14	343863	6057884	305	R1	X			X	93MOB1118	93MOB1119	GRNT
RUT930146	Small pit off HWY 10-6km N of Cranberry Portage	63K11	A27118-020	14	346376	6057140	290	2a	X			X	93MOB1120	93MOB1121	BEXV
RUT930147	Pit off HWY 10-3.5km N of Cranberry Portage	63K11	A27118-020	14	345980	6054906	275	4		X					BEXV
RUT930148	HWY 10-3km N of Cranberry Portage	63K11	A27118-020	14	345701	6053882	285	1a	X		X	X	93MOB1122	93MOB1123	BEXV
RUT930149	HWY 10-0.5km N of Cranberry Portage	63K11	A27118-020	14	346189	6051742	305	R1			X				IMIV
RUT930150	HWY 39-S of Loucks Lake	63K10	A24478-066	14	387560	6050954	305	R2			X				DLMT
RUT930151	HWY 39-S of Loucks Lake	63K10	A24478-067	14	385188	6050824	310	R2			X				DLMT
RUT930152	HWY 39-S of Loucks Lake	63K10	A24478-067	14	384797	6050772	310	R2			X				DLMT
RUT930153	HWY 39-N of Loucks Lake	63K10	A24478-067	14	382815	6050328	305	R2	X		X	X	93MOB1124	93MOB1125	DLMT
RUT930154	Quarry off HWY 39	63K10	A24478-067	14	382085	6050563	305	R2			X				DLMT
RUT930155	HWY 39-S of Iskwasum Lake	63K10	A24478-067	14	380443	6050537	310	R2			X				DLMT
RUT930156	HWY 39-Near Long Hole Lake	63K10	A24478-067	14	378148	6050485	305	5c/R2			X				DLMT
RUT930157	HWY 39-Near Long Hole Lake	63K10	A24478-068	14	377783	6050380	308	1b	X	X		X	93MOB1126	93MOB1127	DLMT
RUT930158	Logging road off HWY 39,just W of Iskwasum Lake	63K10	A24478-068	14	374915	6050719	312	2b	X			X	93MOB1128	93MOB1129	DLMT
RUT930159	First Cranberry Lake	63K11	A24478-073	14	349510	6049616	300	R1			X				BEXV
RUT930160	First Cranberry Lake	63K11	A24478-073	14	350243	6049948	300	R1			X				BEXV
RUT930161	First Cranberry Lake	63K11	A24478-073	14	351616	6050208	305	R1			X				GNSS
RUT930162	First Cranberry Lake	63K11	A24478-073	14	352467	6048907	300	5a/R1			X				BEXV
RUT930163	First Cranberry Lake	63K11	A24478-073	14	353129	6050373	300	R1			X				BEXV
RUT930164	Second Cranberry Lake	63K11	A24478-073	14	354682	6051974	305	2b	X			X	93MOB1130	93MOB1131	DLMT
RUT930165	First Cranberry Lake	63K11	A24478-073	14	355553	6055109	300	R1			X				GRNT
RUT930166	First Cranberry Lake	63K11	A24478-073	14	353053	6053464	300	R1			X				GRNT
RUT930167	First Cranberry Lake	63K11	A24478-073	14	350866	6052672	298	R1			X				BEXV
RUT930168	Second Cranberry Lake	63K11	A24478-073	14	348516	6052021	300	R1	X		X	X	93MOB1132	93MOB1133	BEXV
RUT930169	Second Cranberry Lake	63K11	A24478-071	14	357821	6053555	305	R1			X				MSDM
RUT930170	Second Cranberry Lake	63K11	A24478-071	14	358986	6054780	304	R1			X				MSDM
RUT930171	Second Cranberry Lake	63K11	A24478-071	14	360061	6056393	303	R1	X			X	93MOB1134	93MOB1135	MSDM
RUT930172	Second Cranberry Lake	63K11	A24478-097	14	361326	6058625	303	R1			X				GRNT
RUT930173	Second Cranberry Lake	63K11	A24478-097	14	361988	6059887	303	R1	X			X	93MOB1136	93MOB1137	GRNT
RUT930174	Second Cranberry Lake	63K11	A24478-097	14	361667	6060969	295	R1			X				GRCS
RUT930175	Second Cranberry Lake	63K11	A24478-097	14	357642	6058185	303	R1	X			X	93MOB1138	93MOB1139	MSDM
RUT930176	Second Cranberry Lake	63K11	A24478-097	14	356776	6056154	295	2a	X			X	93MOB1140	93MOB1141	BEXV
RUT930177	Third Cranberry Lake	63K11	A24478-099	14	363711	6060709	295	R1			X				BEXV
RUT930178	Third Cranberry Lake	63K11	A24478-099	14	365514	6061470	300	R1			X				GRNT
RUT930179	Third Cranberry Lake	63K11	A24478-099	14	366436	6062653	295	1a/R1	X			X	93MOB1142	93MOB1143	BEXV
RUT930180	Third Cranberry Lake	63K11	A24478-099	14	366937	6061671	293	R1			X				GRNT
RUT930181	Third Cranberry Lake	63K11	A24478-099	14	368440	6061290	295	R1			X				GRNT
RUT930182	Third Cranberry Lake	63K11	A24478-099	14	367418	6063234	290	R1			X				BEXV
RUT930183	Third Cranberry Lake	63K11	A24478-099	14	369602	6064416	290	R1			X	X			BEXV
RUT930184	Third Cranberry Lake	63K11	A24478-099	14	370223	6064596	290	1a/R1	X				93MOB1144	93MOB1145	BEXV

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Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
RUT930185	Third Cranberry Lake	63K10	A24478-099	14	371850	6065796	303	R1			X				BEXV
RUT930186	Third Cranberry Lake	63K10	A24478-099	14	371776	6066649	300	1a/R1			X	X	93MOB1146	93MOB1147	BEXV
RUT930187	Third Cranberry Lake	63K11	A24478-099	14	368580	6064516	295	R1			X				MSDM
RUT930188	Third Cranberry Lake	63K11	A24478-099	14	365033	6062853	295	R1			X				BEXV
RUT930189	Third Cranberry Lake	63K11	A24478-099	14	363551	6061771	295	R1			X				BEXV
RUT930190	HWY 39	63K10	A24478-069	14	374212	6049129	318	R2			X				DLMT
RUT930191	3.5km east of Dyce Lake	63K08	A24477-193	14	432400	6025063	281	1b	X			X	93MOB1148	93MOB1149	DLMT
RUT930192	12 km east of McClarty Lake	63K08	A24477-226	14	426341	6034987	290	R2				X		93MOB1151	DLMT
RUT930193	Dirt road running north from Patriarche Lake	63K09	A24478-057	14	432653	6047124	300	5c	X			X	93MOB1152	93MOB1153	DLMT
RUT930194	2km north of Farwell Lake	63K09	A24478-058	14	426036	6049054	287	7b/R2	X			X	93MOB1154	93MOB1155	DLMT
RUT930195	6km SE of Reed Lake	63K09	A24478-024	14	414283	6043903	292	2b	X			X	93MOB1156	93MOB1157	DLMT
RUT930196	Between Cooper Lake & McClarty Lake	63K08	A24477-229	14	408060	6033130	295	1b	X			X	93MOB1158	93MOB1159	DLMT
RUT930197	8km south of McClarty Lake	63K08	A24477-190	14	415637	6025143	290	2b	X			X	93MOB1160	93MOB1161	DLMT
RUT930198	6.5km south of Cooper Lake	63K08	A24477-188	14	405331	6025544	300	1b	X			X	93MOB1162	93MOB1163	DLMT
RUT930199	5.5km north of Hearts Bay of Cormorant Lake	63K07	A24477-144	14	393413	6019512	282	5b/2b	X			X	93MOB1164	93MOB1165	DLMT
RUT930200	3.5km east of Yawningstone Lake	63K07	A24477-185	14	387375	6024958	285	R2			X	X		93MOB1167	DLMT
RUT930201	1.5 km southWYest of Dolomite Lake	63K07	A24477-231	14	395679	6031035	295	1b	X			X	93MOB1166	93MOB1168	DLMT
RUT930202	NortHWYest corner of 63K/7	63K07	A24477-234	14	381828	6037599	302	2b	X			X	93MOB1169	93MOB1170	DLMT
RUT930203	HWY 39, north of Second Cranberry Lake	63K10	A24478-015	14	373273	6048503	308	1b	X		X	X	93MOB1171	93MOB1172	DLMT
RUT930204	HWY 39	63K10	A24478-015	14	371630	6047773	310	R2			X				DLMT
RUT930205	Gravel road along east shore of Simonhouse Lake	63K11	A24478-069	14	369301	6051172	305	2b	X			X	93MOB1173	93MOB1174	DLMT
RUT930206	Gravel road along east shore of Simonhouse Lake	63K11	A24478-069	14	369915	6049249	316	1b	X		X				DLMT
RUT930207	Gravel road along east shore of Simonhouse Lake	63K11	A24478-014	14	369246	6047354	312	1b	X			X	93MOB1175	93MOB1176	DLMT
RUT930208	HWY 39 south of Simonhouse Lake	63K11	A24478-014	14	362584	6043229	307	2b	X			X	93MOB1177	93MOB1178	DLMT
RUT930209	HWY 39 south of Simonhouse Lake	63K06	A24478-013	14	358624	6040554	298	1b			X				DLMT
RUT930210	HWY 39 south of Simonhouse Lake	63K06	A24478-013	14	356007	6038092	302	2b	X			X	93MOB1179	93MOB1180	DLMT
RUT930211	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	354788	6036717	299	R2			X				DLMT
RUT930212	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	354455	6036540	299	R2			X				DLMT
RUT930213	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	353568	6035875	298	2b	X			X	93MOB1181	93MOB1182	DLMT
RUT930214	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	351905	6035986	300	2b			X				DLMT
RUT930215	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	351173	6038114	302	2b	X			X	93MOB1183	93MOB1184	DLMT
RUT930216	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	349909	6036407	299	2b	X			X	93MOB1185	93MOB1186	DLMT
RUT930217	HWY 39 south of Simonhouse Lake	63K06	A24477-240	14	349266	6036163	298	2b			X				DLMT
RUT930218	HWY 10, near Athapap road	63K11	A24478-074	14	346506	6048055	298	1b			X				DLMT
RUT930219	HWY 10, just south of Athapap road	63K11	A24478-074	14	346553	6048907	300	R1			X				MVCC
RUT930220	Southern margin of Cranberry Portage	63K11	A24478-074	14	345749	6049687	300	R1			X				MVCC
RUT930221	Cranberry Portage	63K11	A24478-074	14	346837	6050137	300	R1			X				MVCC
SCZ930001		63L16	A20764-028	13	669625	6087900	335				X	X	93HJB4001	93HJB4000	
SCZ930002		63L16	A20764-028	13	670850	6089275	343					X	93HJB4003	93HJB4002	
SCZ930003		63L16	A20764-028	13	671000	6090775	335					X	93HJB4005	93HJB4004	
SCZ930004		63L16	A20805-193	13	671475	6095950	343					X	93HJB4007	93HJB4006	
SCZ930005		63L16	A20805-193	13	672975	6097400	343					X	93HJB4009	93HJB4008	
SCZ930006		63L16	A20805-193	13	673925	6097750	343					X	93HJB4011	93HJB4010	
SCZ930007		63L16	A20764-028	13	671000	6091775	328					X	93HJB4013	93HJB4012	
SCZ930008		63L16	A20764-028	13	669725	6093550	335					X	93HJB4015	93HJB4014	
SCZ930009		63L16	A20764-028	13	668625	6092775	335					X	93HJB4017	93HJB4016	
SCZ930010		63L16	A20764-028	13	668250	6091000	350					X	93HJB4019	93HJB4018	
SCZ930011		63L16	A20764-028	13	668200	6092400	328				X				
SCZ930012		63L16	A20764-028	13	670825	6093550	335					X	93HJB4021	93HJB4020	
SCZ930013		63L16	A20764-028	13	669700	6092500	328				X				
SCZ930014		63L16	A20764-028	13	669000	6094800	328				X				
SCZ930015		63L16	A20805-196	13	683125	6095400	328					X	93HJB4023	93HJB4022	
SCZ930016		63L16	A20805-196	13	682625	6095075	326				X				
SCZ930017		63L16	A20805-196	13	682750	6094400	328					X	93HJB4025	93HJB4024	
SCZ930018		63L16	A20805-196	13	682525	6093175	328					X	93HJB4027	93HJB4026	
SCZ930019		63L16	A20805-196	13	681750	6092050	328					X	93HJB4029	93HJB4028	
SCZ930020		63K13	A20805-196	13	684975	6095375	343				X	X	93HJB4031	93HJB4030	
SCZ930021		63K13	A20805-196	13	684050	6096650	335					X	93HJB4033	93HJB4032	
SCZ930022		63K13	A20805-196	13	683125	6094000	328					X	93HJB4035	93HJB4034	
SCZ930023		63K13	A20805-193	13	682650	6093500	328				X				
SCZ930024		63K13	A20764-025	13	683125	6094000	328					X	93HJB4037	93HJB4036	
SCZ930025		63K13	A20764-025	13	682875	6092100	335				X	X	93HJB4039	93HJB4038	
SCZ930026		63K13	A20764-023	13	692150	6089600	322				X	X	93HJB4041	93HJB4040	
SCZ930027		63K13	A20764-023	13	691750	6090650	328					X	93HJB4043	93HJB4042	

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Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
SCZ930028		63K13	A20764-023	13	691650	6090625	328				X	X	93HJB4045	93HJB4044	
SCZ930029		63K13	A20805-197	14	309225	6094900	326					X	93HJB4047	93HJB4046	
SCZ930030		63K13	A20805-197	14	308200	6095700	335				X	X	93HJB4049	93HJB4048	
SCZ930031		63L16	A20805-197	13	691450	6094075	335					X	93HJB4051	93HJB4050	
SCZ930032		63K13	A20805-197	14	308275	6093300	328					X	93HJB4053	93HJB4052	
SCZ930033		63K13	A20764-021	14	311800	6087350	320					X	93HJB4055	93HJB4054	
SCZ930034		63K13	A20764-021	14	312075	6086075	320				X	X	93HJB4057	93HJB4056	
SCZ930035		63K13	A20764-021	14	313400	6086050	323					X	93HJB4059	93HJB4058	
SCZ930036		63K13	A20764-021	14	312225	6087350	320					X	93HJB4061	93HJB4060	
SCZ930037		63K13	A20764-021	14	314800	6086600	335					X	93HJB4063	93HJB4062	
SCZ930038		63K13	A24478-166	13	692450	6065725	320				X	X	93HJB4065	93HJB4064	
SCZ930039		63K12	A24478-166	14	308850	6068325	320				X	X	93HJB4067	93HJB4066	
SCZ930040		63L09	A24478-087	13	692900	6058925	328					X	93HJB4069	93HJB4068	
SCZ930041		63L09	A24478-087	13	691850	6059950	328				X	X	93HJB4071	93HJB4070	
SCZ930042		63L09	A24478-087	13	691500	6060500	328								
SCZ930043		63L09	A24478-087	13	691500	6063600	328				X				
SCZ930044		63K12	A20745-172	14	312100	6068500	320				X	X	93HJB4073	93HJB4072	
SCZ930045		63K13	A20805-198	14	311400	6097410	343				X	X	93HJB4079	93HJB4078	
SCZ930046		63K13	A20805-198	14	309550	6091700	340				X	X	93HJB4081	93HJB4080	
SCZ930047		63L16	A20805-198	13	688000	6076350	350					X	93HJB4083	93HJB4082	
SCZ930048		63L16	A20805-106	13	681325	6076700	345					X	93HJB4085	93HJB4084	
SCZ930049		63L16	A20805-104	13	677775	6077000	345					X	93HJB4087	93HJB4086	
SCZ930050		63L16	A20805-104	13	668525	6077510	345					X	93HJB4089	93HJB4088	
SCZ930051		63L09	A20745-168	13	687723	6052595	312					X	93HJB4091	93HJB4090	
SCZ930051		63L09	A20745-168	13	687723	6052595	312					X	93HJB4092		
SCZ930052		63L09	A20671-020	13	686022	6050386	305					X	93HJB4094	93HJB4093	
SCZ930053		63L09	A20745-168	13	686703	6052604	312					X	93HJB4096	93HJB4095	
SCZ930053		63L09	A20745-168	13	686703	6052604	312					X	93HJB4097		
SCZ930053		63L09	A20745-168	13	686703	6052604	312					X	93HJB4098		
SCZ930054		63L09	A20671-020	13	687634	6048225	305				X	X	93HJB4100	93HJB4099	
SCZ930055		63L09	A20671-020	13	687050	6048150	305				X				
SCZ930056		63L09	A20671-020	13	685675	6049700	312				X				
SCZ930057		63L09	A20671-020	13	686450	6050950	329				X				
SCZ930058		63L09	A20745-168	13	686125	6052650	312				X				
SCZ930059		63L16	A20805-201	13	692600	6071350	351					X	93HJB4102	93HJB4101	
SCZ930060		63K12	A20805-201	13	694075	6070700	335					X	93HJB4104	93HJB4103	
SCZ930061		63L16	A20805-103	13	676625	6080850	360				X	X	93HJB4106	93HJB4105	
SCZ930062		63L16	A20764-024	13	684350	6088650	343				X	X	93HJB4108	93HJB4107	
SCZ930063		63L16	A20764-024	13	684875	6086800	364				X	X	93HJB4110	93HJB4109	
SCZ930064		63K13	A20805-197	14	310400	6077725	341				X	X	93HJB4112	93HJB4111	
SCZ930065		63L16	A20805-208	13	666167	6071924	354					X	93HJB4114	93HJB4113	
SCZ930066		63L16	A20805-208	13	668473	6071873	343					X	93HJB4116	93HJB4115	
SCZ930067		63L16	A20805-208	13	665165	6073803	351					X	93HJB4118	93HJB4117	
SCZ930068		63L16	A20805-209	13	662532	6072998	351					X	93HJB4120	93HJB4119	
SCZ930069		63L16	A20805-103	13	672872	6078513	354				X	X	93HJB4122	93HJB4121	
SCZ930070		63L16	A20805-194	13	680746	6095448	353					X	93HJB4124	93HJB4123	
SCZ930071		63L16	A20805-194	13	678031	6097936	351					X	93HJB4126	93HJB4125	
SCZ930072		63L16	A20805-194	13	678292	6096341	358					X	93HJB4128	93HJB4127	
SCZ930073		63L16	A20805-193	13	675580	6097550	351					X		93HJB4129	
SCZ930074		63L16	A20805-193	13	675783	6097475	351					X	93HJB4131	93HJB4130	
SCZ930075		63L16	A20764-027	13	673925	6092250	358					X	93HJB4133	93HJB4132	
SCZ930076		63L09	A20745-174	13	689200	6066900	312					X	93HJB4135	93HJB4134	
SCZ930077		63L09	A20745-174	13	689180	6063900	992				X				
SPH930001		63L16	A20764-027	13	669702	6090111	343				X	X	93HJB2001	93HJB2000	
SPH930002		63L16	A20764-027	13	669525	6090100	353					X	93HJB2003	93HJB2002	
SPH930003		63L16	A20764-027	13	669452	6091455	351					X	93HJB2005	93HJB2004	
SPH930004		63L16	A20764-027	13	668175	6092200	335					X	93HJB2007	93HJB2006	
SPH930004		63L16	A20764-027	13	668175	6092200	335					X	93HJB2008		
SPH930005		63L16	A20764-027	13	667500	6089750	343					X	93HJB2010	93HJB2009	
SPH930006		63L16	A20805-191	13	669260	6096480	340					X	93HJB2012	93HJB2011	
SPH930007		63L16	A20805-191	13	668000	6097415	344					X	93HJB2014	93HJB2013	
SPH930008		63L16	A20805-191	13	668475	6095160	344					X	93HJB2016	93HJB2015	
SPH930009		63L16	A20805-191	13	664400	6093345	351					X	93HJB2018	93HJB2017	
SPH930010		63L16	A20805-191	13	664900	6095115	344					X	93HJB2020	93HJB2019	

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
SPH930011		63L16	A20805-191	13	665085	6094780	347					X	93HJB2022	93HJB2021	
SPH930012		63L16	A20805-191	13	666950	6096415	351					X	93HJB2024	93HJB2023	
SPH930013		63L16	A20764-027	13	670250	6090655	338				X	X	93HJB2026	93HJB2025	
SPH930014		63L16	A20805-192	13	661700	6047345	341					X	93HJB2028	93HJB2027	
SPH930015		63L16	A20805-192	13	667760	6095600	343					X	93HJB2030	93HJB2029	
SPH930016		63L16	A20805-192	13	668600	6094050	335					X	93HJB2032	93HJB2031	
SPH930017		63L16	A20805-197	13	687375	6098250	351					X	93HJB2034	93HJB2033	
SPH930018		63L16	A20805-197	13	686660	6096550	328					X	93HJB2036	93HJB2035	
SPH930019		63L16	A20805-197	13	687625	6094470	328				X	X	93HJB2038	93HJB2037	
SPH930020		63L16	A20805-197	13	687950	6093275	335				X	X	93HJB2040	93HJB2039	
SPH930021		63L16	A20805-197	13	685250	6093410	328					X	93HJB2042	93HJB2041	
SPH930022		63L16	A20764-024	13	686100	6092660	343				X	X	93HJB2044	93HJB2043	
SPH930023		63L16	A20764-024	13	684425	6092725	338					X	93HJB2046	93HJB2045	
SPH930024		63L16	A20764-024	13	685775	6091650	343					X	93HJB2048	93HJB2047	
SPH930025		63L16	A20805-197	13	686200	6095400	335				X	X	93HJB2050	93HJB2049	
SPH930026		63L16	A20805-198	14	309375	6093440	320					X	93HJB2052	93HJB2051	
SPH930027		63L16	A20805-198	13	688900	6098400	343					X	93HJB2054	93HJB2053	
SPH930028		63L16	A20805-198	13	689450	6096150	320				X				
SPH930029		63L16	A20805-198	13	689775	6095450	335					X	93HJB2056	93HJB2055	
SPH930030		63L16	A20805-198	13	690880	6094260	328				X	X	93HJB2058	93HJB2057	
SPH930031		63K13	A20805-198	14	309600	6098340	343					X	93HJB2060	93HJB2059	
SPH930032		63K13	A20805-198	14	309525	6097375	328				X				
SPH930033		63K13	A20805-198	14	309225	6096875	335					X	93HJB2062	93HJB2061	
SPH930034		63K13	A20764-021	14	310360	6088200	323				X	X	93HJB2064	93HJB2063	
SPH930035		63K13	A20764-021	14	310860	6089700	323				X	X	93HJB2066	93HJB2065	
SPH930036		63K13	A20764-021	14	335100	6088575	319				X				
SPH930037		63K13	A20764-021	14	312600	6088450	323				X	X	93HJB2068	93HJB2067	
SPH930038		63K13	A20764-021	14	312800	6095225	344				X				
SPH930039		63K13	A20764-021	14	313675	6089225	319				X	X	93HJB2070	93HJB2069	
SPH930040		63K13	A20764-021	14	315050	6088850	320					X	93HJB2072	93HJB2071	
SPH930041		63K12	A24478-165	14	316500	6070100	300				X	X	93HJB2074	93HJB2073	
SPH930042		63K12	A20745-172	14	314900	6069350	340				X	X	93HJB2076	93HJB2075	
SPH930043		63L09	A20745-167	13	688890	6059300	312					X	93HJB2078	93HJB2077	
SPH930043		63L09	A20745-167	13	688890	6059300	312					X	93HJB2078A		
SPH930044		63L09	A20745-167	13	688960	6058900	320				X				
SPH930045		63L16	A20764-026	13	674300	6086750	344					X	93HJB2080	93HJB2079	
SPH930046		63L16	A20764-028	13	665500	6087300	354					X	93HJB2082	93HJB2081	
SPH930047		63L16	A20764-029	13	663325	6090375	347				X	X	93HJB2084	93HJB2083	
SPH930047		63L16	A20764-029	13	663325	6090375	347					X	93HJB2085		
SPH930048		63L16	A20764-026	13	668850	6085900	354					X	93HJB2087	93HJB2086	
SPH930048		63L16	A20764-026	13	668850	6085900	354					X	93HJB2088		
SPH930049		63K13	A20805-198	14	311425	6093325	346					X	93HJB2090	93HJB2089	
SPH930050		63K13	A20805-198	14	313820	6093250	351					X	93HJB2092	93HJB2091	
SPH930051		63L13	A20805-198	14	310100	6084050	340				X	X	93HJB2094	93HJB2093	
SPH930052		63L16	A20805-106	13	684750	6080600	340				X	X	93HJB2097	93HJB2096	
SPH930053		63L16	A20805-104	13	674850	6075450	350				X	X	93HJB2099	93HJB2098	
SPH930054		63L16	A20805-102	13	673500	6076380	350				X	X	93HJB2101	93HJB2100	
SPH930055		63K13	A20805-109	14	310940	6080850	335					X	93HJB2103	93HJB2102	
SPH930056		63K13	A20805-109	14	311325	6080525	330					X	93HJB2105	93HJB2104	
SPH930057		63L09	A20745-175	13	680450	6060380	305					X	93HJB2107	93HJB2106	
SPH930058		63L09	A20805-207	13	667200	6066275	342					X	93HJB2109	93HJB2108	
SPH930059		63L09	A20745-178	13	670550	6061900	315					X	93HJB2111	93HJB2110	
SPH930060		63L09	A20745-162	13	667660	6057175	328					X	93HJB2113	93HJB2112	
SPH930061		63L09	A20671-016	13	665275	6047800	312					X	93HJB2115	93HJB2114	
SPH930062		63K12	A20745-172	14	312600	6060345	320				X				
SPH930063		63K12	A24478-088	14	312300	6061500	320				X	X	93HJB2117	93HJB2116	
SPH930064		63K12	A24478-088	14	307535	6059175	320				X	X	93HJB2119	93HJB2118	
SPH930065		63K12	A24478-088	14	309265	6061850	320				X	X	93HJB2121	93HJB2120	
SPH930066		63L09	A24478-087	13	691500	6063600	312					X	93HJB2122		
SPH930067		63K12	A20745-169	14	312850	6065700	335					X	93HJB2124	93HJB2123	
SPH930068		63K12	A20745-170	14	308350	6055100	315				X				
SPH930069		63K13	A20805-109	14	312850	6081520	346					X	93HJB2126	93HJB2125	
SPH930070		63L13	A20805-106	13	685180	6082815	354					X	93HJB2128	93HJB2127	
SPH930071		63K12	A20745-174	14	515000	6064100	335				X				

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Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
SPH930072		63K13	A20805-109	14	313140	6083400	366				X	X	93HJB2130	93HJB2129	
SPH930073		63L09	A20745-174	13	689475	6062050	326					X	93HJB2132	93HJB2131	
BOU940001	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	331357	6063662	303	1a	X		X	X	94MOB1000	94MOB1001	MVCC
BOU940002	Small island on the east shore of North Arm, Athapap Lake	63K12	A27118-024	14	329855	6064223	288	R1			X				MVCC
BOU940003	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	329693	6064879	287	1a	X		X	X	94MOB1002	94MOB1003	MVCC
BOU940004	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	330219	6065176	287	R1			X				MVCC
BOU940005	East shore of Thompson Bay-North Arm, Athapap Lake	63K12	A27118-024	14	330937	6066967	303	1a	X		X	X	94MOB1004	94MOB1005	MVCC
BOU940006	Striae Island in Thompson Bay, east shore of North Arm, Athapap Lake	63K12	A27118-038	14	331169	6067392	288	R1		X	X				MVCC
BOU940007	East shore of Thompson Bay-North Arm, Athapap Lake	63K12	A27118-038	14	331560	6068174	287	R1			X				MVCC
BOU940008	East shore of Thompson Bay-North Arm, Athapap Lake	63K12	A27118-038	14	332518	6068536	300	1a	X			X	94MOB1006	94MOB1007	MVCC
BOU940009	Little island in the Thompson Bay, east shore of North Arm, Athapap Lake	63K12	A27118-038	14	332266	6068986	287	R1		X	X				MVCC
BOU940010	West shore of Thompson Bay, North Arm, Athapap Lake	63K12	A27118-038	14	332238	6069839	290	1a	X		X	X	94MOB1008	94MOB1009	MVCC
BOU940011	Mc Fee Bay west shore of North Arm, Athapap Lake	63K12	A27118-038	14	330650	6069102	292	5a	X			X	94MOB1010	94MOB1011	MVCC
BOU940012	Mc Fee Bay west shore of North Arm, Athapap Lake	63K12	A27118-038	14	330450	6067925	287	R1			X				MVCC
BOU940013	Sourdough Bay of the west part of North Arm, Athapap Lake	63K12	A27118-038	14	330050	6068125	287	R1			X				MVCC
BOU940014	Athapap Lake, small island E of Mink Narrow	63K12	A27118-017	14	333284	6054643	307	1a	X			X	94MOB1012	94MOB1013	UMFC
BOU940015	Athapap Lake, north shore	63K12	A27118-018	14	335003	6050558	300	1a	X			X	94MOB1014, 0016	94MOB1015	UMFC
BOU940016	Athapap Lake, Browne Bay	63K12	A27118-018	14	337791	6051633	291	1b	X	X		X	94MOB1017	94MOB1018	UMFC
BOU940017	Athapap Lake, Browne Bay, small island	63K12	A27118-018	14	337139	6050976	290	R1			X				UMFC
BOU940018	Athapap Lake, north shore	63K12	A27118-018	14	333500	6051727	290	R1			X				UMFC
BOU940019	Athapap Lake, north shore	63K12	A27118-018	14	332304	6050966	290	R1			X				UMFC
BOU940020	Athapap Lake, Tinean Narrow	63K12	A27118-018	14	330055	6051390	290	R1			X				GRNS-UMFC
BOU940021	Athapap Lake, close to railroad (Millwater)	63K12	A27118-018	14	330716	6052232	291	1a	X	X		X	multiple (section)	94MOB1022	UMFC
BOU940022	Athapap Lake, small island SE of Mink Narrow	63K12	A27118-018	14	331961	6053361	290	R1			X				UMFC
BOU940023	North of Mistik Creek, Sherridon Road	63K12	A27118-022	14	338130	6063100	310	R1			X				MVCC
BOU940024	South of Mistik Creek, beside a power line	63K12	A27118-022	14	338282	6061856	312	1a	X			X	94MOB1023	94MOB1024	MVCC
BOU940025	South of Mistik Creek, between two lakes (no name)	63K11	A27118-022	14	341107	6062654	305	R1			X				GRNT
BOU940026	6 km east of the Sherridon Road at the end of gravel road, S of Mistik Creek.	63K11	A27118-022	14	343334	6063288	307	3	X	X					MVCC
BOU940027	Close to the lake (no name) and a high bedrock knob, S of Mistik Creek	63K11	A27118-022	14	342683	6063124	305	1a	X		X	X	94MOB1025	94MOB1026	MVCC
BOU940028	Sherridon road, 600 m S of junction of gravel road going to no name lakes	63K11	A27118-022	14	339552	6060759	310	R1							MVCC
BOU940029	Little island west of Cameron Bay- Athapap Lake	63K11	A27118-020	14	341812	6053069	290	R1			X				MVCC
BOU940030	Cameron Bay, Athapap Lake	63K11	A27118-020	14	341811	6053038	294	5a	X			X	94MOB1035	94MOB1036	MVCC
BOU940031	Little rocky island in the Cameron Bay- Athapap Lake	63K11	A27118-020	14	342661	6053194	290	R1			X				MVCC
BOU940032	Cameron Bay, Athapap Lake	63K11	A27118-020	14	343656	6052882	291	1a	X		X	X	94MOB1037	94MOB1038	MVCC
BOU940033	Small island - North part of East Arm, Athapap Lake	63K11	A27118-020	14	343493	6050753	290	R1			X				MVCC
BOU940034	East Arm of Athapap Lake	63K11	A27118-020	14	344294	6049488	290	R1			X				MVCC
BOU940035	East Arm of Athapap Lake	63K11	A27118-020	14	343123	6048878	293	1a	X			X	94MOB1039	94MOB1040	GBBR
BOU940036	Four Mile Island-Athapap Lake	63K11	A27118-020	14	340141	6049972	290	R1			X				MVCC
BOU940037	Four Mile Island-Athapap Lake	63K11	A27118-020	14	339491	6049902	293	1a	X			X	94MOB1041	94MOB1042	MVCC
BOU940038	Bay east of Bakers Narrows, Athapap Lake	63K12	A24478-091	14	330833	6062098	290	R1			X				MVCC
BOU940039	East channel bridge Bakers Narrows, Athapap Lake	63K12	A24478-091	14	330245	6061254	290	R1			X				MVCC
BOU940040	South of east channel bridge Bakers Narrows, Athapap Lake	63K12	A24478-091	14	330113	6060114	290	R1			X				MVCC
BOU940041	N of Paradise Lodge, Athapap Lake	63K12	A24478-091	14	331447	6059321	290	R1			X				MVCC
BOU940042	Small island W of Paradise Logde, Athapap Lake	63K12	A24478-091	14	330624	6058424	290	R1			X				MVCC
BOU940043	S of Mink Narrows, Athapap Lake	63K12	A27118-017	14	330500	6053199	290	R1			X				MVCC
BOU940044	Little island N of railway, Athapap Lake	63K12	A27118-017	14	329398	6052560	290	R1			X				MVCC
BOU940045	Island W of Four Mile Island, Athapap Lake	63K12	A27118-017	14	337618	6049783	290	R1			X				BSLT
BOU940046	Small island , East of Athapap Lake	63K12	A27118-017	14	335184	6048107	290	R1			X	X		94MOB1044	BSLT
BOU940047	Small island E shore, Reed Lake	63K09	A24478-108	14	413033	6054454	280	5c	X			X	94MOB1045	94MOB1046	MVCC
BOU940048	Little Island S of Snuff Island, Reed Lake	63K09	A24478-108	14	413596	6055803	278	R1			X				GRNT
BOU940049	Rocky island E shore, Reed Lake	63K09	A24478-108	14	415859	6055977	278	R1			X				GRNT/GNSS
BOU940050	E shore of Reed Lake	63K09	A24478-108	14	417193	6056386	284	1a	X			X	94MOB1047	94MOB1048	GRNT
BOU940051	Corneau Island, Reed Lake	63K09	A24478-108	14	417981	6058288	279	1a	X			X	94MOB1049	94MOB1050	GRNT
BOU940052	W Corneau island, Reed Lake	63K09	A24478-108	14	416826	6057845	278	R1			X				GRNT/GNSS
BOU940053	Small island W of HWY Island, Reed Lake	63K09	A24478-108	14	411782	6057477	278	R1			X	X		94MOB1051	GRNT/GNSS
BOU940054	Little island in the east part of N shore of Reed Lake	63K09	A24478-108	14	415769	6058854	278	R1			X				GRNT/GNSS
BOU940055	East shore of Reed Lake	63K09	A24478-108	14	414489	6059404	284	5c	X			X	94MOB1052	94MOB1053	GRNT/GNSS
BOU940056	NE shore of Reed Lake	63K09	A24478-106	14	411088	6057738	281	1a	X			X	94MOB1054	94MOB1055	MVCC
BOU940057	Island next to the N shore of Reed Lake	63K09	A24478-106	14	410997	6055854	278	R1			X				GRNT/GNSS
BOU940058	Island in center N part of Reed Lake	63K09	A24478-106	14	409296	6054187	279	1a	X			X	94MOB1056	94MOB1057	MVCC
BOU940059	Island in the north part of Reed Lake	63K09	A24478-106	14	408412	6054823	278	R1			X				MVCC
BOU940060	North shore of Reed Lake	63K09	A24478-106	14	406195	6057775	279	5a	X			X	94MOB1058	94MOB1059	GBBR
BOU940061	Island S of Devil Gap-N shore of Reed Lake	63K09	A24478-106	14	405297	6056835	278	R1		X	X				MVCC
BOU940062	On east shore of NW bay of Reed Lake	63K09	A24478-105	14	405411	6059708	278	R1		X	X				MVCC

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Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
BOU940063	On east shore of NW bay of Reed Lake	63K09	A24478-105	14	405872	6062048	283	5a	X			X	94MOB1060	94MOB1061	MVCC
BOU940064	SW of Petersons Bay-Reed Lake	63K10	A24478-105	14	402475	6063976	279	1a	X			X	94MOB1062	94MOB1063	GBBR
BOU940065	Small island in the north-west part of Reed Lake	63K10	A24478-105	14	401561	6063099	278	R1			X				MVCC
BOU940066	West shore of Reed Lake	63K10	A24478-105	14	399616	6060173	283	1b	X			X	94MOB1064, 0065	94MOB1066	GBBR
BOU940067	Small island next to W shore of Reed Lake	63K10	A24478-105	14	399755	6059954	278	R1			X				MVCC
BOU940068	HWY 10, W of Neso lake	63K12	A27118-023	14	333148	6058763	319	4	X			X	94MOB1067	94MOB1068	GRNT
BOU940069	HWY 10, E of Bakers Narrows	63K12	A27118-023	14	330667	6061021	292	1a	X		X	X	94MOB1069	94MOB1070	MVCC
BOU940070	S point of Bakers Narrows	63K12	A27118-025	14	328147	6060776	310	R1			X				MVCC
BOU940071	On the old road W of Whitefish Lake	63K12	A27118-037	14	327883	6069388	303	R1			X				MVCC
BOU940072	On the old road beside Beaverhouse Lake	63K12	A27118-037	14	327495	6069063	303	R1			X				MVCC
BOU940073	On the old road just S of Beaverhouse Lake	63K12	A27118-037	14	326956	6068557	306	7a	X			X		94MOB1072	MVCC
BOU940074	On the old road SE of Johnson Lake	63K12	A27118-037	14	326364	6068054	317	R1			X				IMIV
BOU940075	On the old road (HWY 10) -West of Wonderland Lake	63K12	A27118-036	14	324091	6067616	300	1a	X			X	94MOB1073	94MOB1074	MVCC-BSLT
BOU940076	On the old road (HWY 10) -South of Wonderland Lake	63K12	A27118-036	14	324187	6067333	303	R1			X				MVCC
BOU940077	On the old HWY 10 road SW of We Lake	63K12	A27118-036	14	323399	6065972	300	R1			X				MVCC
BOU940078	Junction of old and new HWY 10 east of Big Island Creek	63K12	A27118-025	14	322024	6064726	312	4	X						BSLT
BOU940079	HWY10 W of White Lake	63K12	A27118-025	14	322273	6064654	313	5a	X			X	94MOB1075	94MOB1076	BSLT
BOU940080	On the HWY 10 W of White Lake	63K12	A27118-025	14	322658	6064422	306	R1			X				MVCC
BOU940081	Along HWY 10 just east of White Lake	63K12	A27118-025	14	323358	6063993	310	R1	X		X	X	94MOB1077	94MOB1078	IMIV
BOU940082	On HWY 10 between White Lake and NE Arm of Schist Lake	63K12	A27118-025	14	324044	6064121	310	R1			X				IEXV
BOU940083	HWY 10 - next to NE Arm of Schist Lake	63K12	A27118-025	14	325154	6063614	318	R1	X		X	X	94MOB1079	94MOB1080	MVCC-BSLT
BOU940084	HWY 10 - just NW of the Flin Flon airport	63K12	A27118-025	14	326395	6063720	322	R1			X				MVCC-BSLT
BOU940085	Small gravel road S. of HWY 10-Close to Inlet Arm of Schist Lake	63K12	A27118-025	14	321757	6064303	300	3	X			X	94MOB1123		MVCC
BOU940086	Small road going towards S. from HWY 10 along Inlet Arm-Schist Lake	63K12	A27118-025	14	321872	6064051	306	4/R1			X				MVCC
BOU940087	End of a small gravel road-next to Inlet Arm-Schist Lake	63K12	A27118-025	14	321724	6063933	303	4 or 3	X	X		X	94MOB1071		MVCC
BOU940088	Small gravel road S. of HWY 10-along Inlet Arm of Schist Lake	63K12	A27118-025	14	321421	6062614	306	1b	X			X	94MOB1081	94MOB1082	MVCC
BOU940089	End of the gravel road-at the point, east shore of Inlet Arm-Schist Lake	63K12	A27118-025	14	320945	6060096	295	1b	X			X	94MOB1083	94MOB1084	GBBR
BOU940090	Along a N-S gravel road next to Schist Lake	63K12	A27118-025	14	321182	6061108	302	R1			X				MVCC
BOU940091	HWY 10- Just west of southern part of Big Island Lake	63K12	A27118-025	14	321240	6065747	318	R1			X				MVCC
BOU940092	West Arm of Schist Lake close to the Sask. border.	63K12	A27118-026	14	316425	6060122	300	1a	X			X	94MOB1085	94MOB1086	IMIV
BOU940093	West Arm of Schist Lake close to the Sask. border	63K12	A27118-026	14	316591	6059806	290	R1			X				IMIV
BOU940094	S. shore of West Arm of Schist Lake- Close to West Arm Mine.	63K12	A27118-026	14	315991	6058283	291	1b	X		X	X	94MOB1087	94MOB1088	BSLT
BOU940095	Small rocky island-West Arm of Schist Lake	63K12	A27118-026	14	317860	6057898	291	R1			X				RYLT
BOU940096	South shore of West Arm - Schist Lake	63K12	A27118-026	14	318355	6056795	294	1a	X			X	94MOB1089	94MOB1090	BSLT
BOU940097	South shore of West Arm - Schist Lake	63K12	A27118-026	14	325938	6056961	290	R1			X				MSDM
BOU940098	W. shore of North HWYest Arm of Schist Lake	63K12	A27118-026	14	318914	6059558	292	1a	X			X	94MOB1091	94MOB1092	RYLT
BOU940099	W. shore of North HWYest Arm of Schist Lake	63K12	A27118-026	14	318522	6060966	290	R1			X				MVCC
BOU940100	Fluted island along W. shore of North HWYest Arm of Schist Lake	63K12	A27118-026	14	318436	6061062	291	R1			X				MSDM
BOU940101	W. shore of North HWYest Arm of Schist Lake	63K12	A27118-026	14	318754	6062287	303	5a	X			X	94MOB1093	94MOB1094	RYLT
BOU940102	S. shore of southern part of Twin Lake	63K11	A27118-021	14	341246	6058936	292	R1			X				MVCC
BOU940103	North part of Twin Lake next to Caribou Lake	63K11	A27118-021	14	342966	6060949	296	5a	X			X	94MOB1095	94MOB1096	MVCC
BOU940104	E shore of the western Arm of Twin Lake	63K11	A27118-021	14	341965	6060025	293	1b	X			X	94MOB1097	94MOB1098	MVCC
BOU940105	S shore of Payuk Lake	63K12	A27118-022	14	338398	6058047	292	R1			X				MVCC
BOU940106	Long and narrow island next to east shore of Payuk Lake	63K12	A27118-022	14	337544	6057768	304	5c/R1	X			X	94MOB1099	94MOB1100	MVCC
BOU940107	Gravel road betwwen Flin Flon and Channing	63K12	A27118-035	14	316827	6070040	320	1a	X		X	X	94MOB1101	94MOB1102	MVCC
BOU940108	E shore of NW arm, Schist Lake	63K12	A27118-026	14	319484	6076927	300	4	X	X	X	X	94MOB1103		BEXV
BOU940109	E shore of NW arm, Schist Lake	63K12	A27118-026	14	318546	6065143	293	4	X	X		X			MVCC
BOU940110	E shore of NW arm, Schist Lake	63K12	A27118-026	14	318793	6066835	303	1a	X			X	94MOB1104	94MOB1105	MVCC
BOU940111	Small rocky island, E shore NW arm Schist Lake	63K12	A27118-026	14	318134	6066923	292	R1			X				MVCC
BOU940112	Point, NW arm Schist Lake	63K12	A27118-035	14	317652	6068304	293	R1			X				MVCC
BOU940113	E shore of NW arm, Schist Lake	63K12	A27118-035	14	318297	6069207	330	2a	X	X		X	94MOB1106	94MOB1107	MVCC
BOU940114	S of NE arm Schist Lake	63K12	A27118-025	14	321607	6057315	293	5a	X			X	94MOB1108	94MOB1109	GBBR
BOU940115	Small rocky island S part of NE arm Schist Lake	63K12	A27118-025	14	321535	6057752	291	R1			X				MVCC
BOU940116	Island, S part of NE arm Schist Lake	63K12	A27118-025	14	321597	6059791	291	R1			X				AEXV
BOU940117	Island, S part of NE arm Schist Lake	63K12	A27118-025	14	322364	6060597	300	1a	X			X	94MOB1110, 1112	94MOB1111	ACIV
BOU940118	Island, S part of NE arm Schist Lake	63K12	A27118-025	14	322716	6061326	291	R1			X				ACIV
BOU940119	W shore of NE arm Schist Lake	63K12	A27118-037	14	326049	6065931	301	5a	X			X	94MOB1113	94MOB1114	MVCC
BOU940120	E shore of NE arm Schist Lake	63K12	A27118-037	14	327577	6068410	293	1a	X			X	94MOB1115	94MOB1116	MVCC
BOU940121	N part of NE arm Schist Lake	63K12	A27118-037	14	327102	6067685	291	R1			X				MSDM
BOU940122	Small rocky island E shore of NE arm Schist Lake	63K12	A27118-037	14	326744	6066275	291	R1			X				MVCC
BOU940123	Largest island on Neso Lake	63K12	A27118-022	14	336217	6061250	300	R1	X		X	X	94MOB1117	94MOB1118	MVCC
BOU940124	Island, S part of Neso Lake	63K12	A27118-022	14	334589	6059391	291	R1			X				MVCC
BOU940125	W shore of Big Island, Big Island Lake	63K12	A27118-036	14	320970	6069317	295	5a	X			X	94MOB1119	94MOB1120	MVCC
BOU940126	W shore Big Island Lake	63K12	A27118-036	14	320942	6068173	292	R1			X				MVCC

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
BOU940127	E shore of Big Island, Big Island Lake	63K12	A27118-036	14	321878	6069188	291	R1			X				MVCC
BOU940128	E shore Big Island Lake	63K12	A27118-036	14	322984	6070011	305	1a	X			X	94MOB1121	94MOB1122	MVCC
BOU940129	Small island, E shore of Big Island Lake	63K12	A27118-036	14	322277	6067501	305	R1			X				MVCC
BOU940130	Gravel road of HWY 10	63K12	A27118-026	14	321538	6062857	305	4	X						MVCC
BOU940131	HWY 10, next to Big Island Lake	63K12	A27118-036	14	321048	6066312	333	2a	X	X		X	94MOB1124	94MOB1125	MVCC
BOU940132	Flin Flon Municipal dump	63K12	A27118-036	14	318506	6069941	294	4	X	X		X	94MOB1126		MVCC
BOU940133	Gravel road, next to Jackson Air base	63K12	A27118-035	14	317892	6070244	294	R1			X				GRNT
BOU940134	HWY 10, Northern limit of project	63K12	A27118-035	14	319791	6069828	320	R1			X				MVCC
JEC940001	North shore -Pelican Lake	63M02	A15137-065	13	630025	6117425	320	5a	X			X	94JEC0001	94JEC0002	MSDM
JEC940002	Pelican Lake	63M02	A15137-065	13	629980	6117250	314	R1			X				MSDM
JEC940003	Pelican Lake-North shore	63M02	A15137-065	13	628345	6118140	314	R1			X				MSDM
JEC940004	Pelican Lake-North shore	63M02	A15137-065	13	629020	6119415	325	1a	X		X	X	94JEC0003	94JEC0004	MSDM
JEC940005	Pelican Lake	63M02	A15137-065	13	628825	6119465	313	R1			X				MSDM
JEC940006	Pelican Lake	63M02	A15137-065	13	627500	6115910	343	5a	X		X	X	94JEC0005	94JEC0006	MSDM
JEC940007	Pelican Lake	63M02	A15137-065	13	627985	6115065	313	R1			X				MPRK
JEC940008	Island - Pelican Lake	63M02	A15137-065	13	628615	6114125	320	1a	X			X	94JEC0007	94JEC0008	GBBR
JEC940009	Island - Pelican Lake	63M02	A15137-065	13	630460	6115715	323	1a	X			X	94JEC0009	94JEC0010	MSDM
JEC940010	Pelican Lake	63M02	A15137-040	13	627625	6110150	326	5a	X			X	94JEC0011	94JEC0012	GNSS
JEC940011	Pelican Lake	63M02	A15137-040	13	627810	6107325	343	1a	X			X	94JEC0013	94JEC0014	GRNG
JEC940012	Pelican Lake	63M02	A15137-040	13	628250	6109180	314	R1			X				GRNG
JEC940013	Pelican Lake	63M02	A15137-040	13	630175	6110525	338	1a	X			X	94JEC0015	94JEC0016	GRNG
JEC940014	Pelican Lake	63M02	A15137-065	13	631985	6112420	325	1a	X		X	X	94JEC0017	94JEC0018	GNSS
JEC940015	Mirond Lake	63M02	A15137-064	13	639710	6113200	320	5a	X		X	X	94JEC0019	94JEC0020	GNSS
JEC940016	Mirond Lake	63M02	A15137-064	13	640960	6116365	320	1a	X		X	X	94JEC0021	94JEC0022	MSDM
JEC940017	Mirond Lake	63M02	A15137-064	13	638875	6117080	319	1b	X		X	X	94JEC0023, 24, 26	94JEC0025	MSDM
JEC940018	Mirond Lake	63M02	A15137-064	13	638220	6119060	338	1a	X			X	94JEC0027	94JEC0028	MSDM
JEC940019	Mirond Lake	63M02	A15137-064	13	636000	6118910	320	R1	X			X	94JEC0029	94JEC0030	MPRK
JEC940020	Mirond Lake	63M02	A15137-064	13	637075	6117925	320	R1			X				GNSS
JEC940021	Mirond Lake	63M02	A15137-064	13	637710	6116045	317	1a	X			X	94JEC0031	94JEC0032	MPRK
JEC940022	Mirond Lake- Ford. Island	63M02	A15137-064	13	641150	6111325	320	5a	X		X	X	94JEC0033	94JEC0034	GNSS
JEC940023	Mirond Lake	63M02	A15137-064	13	643155	6109665	316	R1		X	X				GNSS
JEC940024	Mirond Lake	63M02	A15137-044	13	643550	6107215	316	R1		X	X				GRNT
JEC940025	Mirond Lake	63M02	A15137-044	13	643850	6108310	332	1a	X			X	94JEC0035	94JEC0036	MSDM
JEC940026	Mirond Lake	63M02	A15137-044	13	644175	6105910	316	R1			X				GRNT
JEC940027	Mirond Lake	63M02	A15137-044	13	645110	6105885	320	1a	X		X	X	94JEC0037	94JEC0038	GNSS
JEC940028	Mirond Lake	63M02	A15137-044	13	641125	6106920	320	1a	X			X	94JEC0039	94JEC0040	GRNG
JEC940029	Mirond Lake	63M02	A15137-044	13	639000	6109250	322	1a	X		X	X	94JEC0041	94JEC0042	GNSS
JEC940030	Mirond Lake	63M02	A15137-044	13	641750	6101330	341	R1	X			X	94JEC0043	94JEC0044	GNSS
JEC940031	Mirond Lake	63M02	A15137-044	13	641840	6101075	316	R1			X				PC
JEC940032	Mirond Lake	63M02	A15137-044	13	641400	6104125	328	5a	X			X	94JEC0045	94JEC0046	GRNG
JEC940033	Mirond Lake	63M02	A15137-044	13	646275	6103850	320	1a	X			X	94JEC0047	94JEC0048	GNSS
JEC940034	Mirond Lake	63M02	A15137-009	13	647900	6101460	320	5a	X			X	94JEC0049	94JEC0050	MSDM
JEC940035	Mirond Lake	63M02	A15137-009	13	648010	6100020	332	1a	X			X	94JEC0051	94JEC0052	GRNT
JEC940036	Mirond Lake	63M02	A15137-009	13	645675	6101200	320	5a	X			X	94JEC0053	94JEC0054	MSDM
JEC940037	Mirond Lake	63M02	A15137-009	13	646390	6098900	320	1a	X		X	X	94JEC0055	94JEC0056	GNSS
JEC940038	Mirond Lake	63M02	A15137-009	13	644090	6099950	316	R1			X				GNSS
JEC940039	Mirond Lake	63M02	A15137-009	13	644650	6099100	320	1a	X			X	94JEC0057	94JEC0058	GNSS
JEC940040	Mirond Lake	63L15	A15137-009	13	644960	6096260	324	1a	X		X	X	94JEC0059	94JEC0060	GRNT
JEC940041	West of Goose Lake	63K05	A24477-245	14	389160	6030267	293	1b	X			X	94JEC0061	94JEC0062	DLMT
JEC940042	SW of Goose Lake	63K05	A24477-172	14	319604	6028863	292	1b	X		X	X	94JEC0063	94JEC0064	DLMT
JEC940043	Namew Lake, North shore penninsula	63K05	A24477-126	14	305566	6016099	281	1b	X		X	X	94JEC0065, 0067	94JEC0066	DLMT
JEC940044	Namew Lake, penninsula	63K04	A20672-130	14	305075	6011354	279	1b	X			X	94JEC0068	94JEC0069	DLMT
JEC940045	S of Namew Lake	63K04	A24477-046	14	318100	6004703	292	1b	X			X	94JEC0070	94JEC0071	DLMT
JEC940046	W of Rocky Lake	63K04	A24477-048	14	324250	6000300	286	1b	X			X	94JEC0072	94JEC0073	DLMT
JEC940047	Namew Lake, Mine head frame	63K04	A24477-130	14	318950	6010904	280	1b		X					DLMT
JEC940048	SW of Rocky Lake	63K04	A24477-036	14	322750	5992150	282	1b	X			X	94JEC0074	94JEC0075	DLMT
JEC940049	Old logging road E of Cross Lake	63K04	A24477-039	14	305595	5989606	287	1b	X	X		X	94JEC0076, 0077	94JEC0078	DLMT
JEC940050	Namew Lake	63L01	A20672-196	13	695260	5999576	267	1b	X			X	94JEC0079	94JEC0081	DLMT
JEC940051	Cumberland Lake	63L01	A20674-194	13	683482	5997608	274	5a	X			X	94JEC0082	94JEC0083	DLMT
JEC940052	N of Cumberland Lake	63L01	A20672-134	13	673443	6009689	281	1b	X			X	94JEC0084	94JEC0085	DLMT
JEC940053	Sturgeon-Weir River, Cooked rapids	63L08	A20745-105	13	685366	6029712	295	5a	X			X	94JEC0086	94JEC0087	DLMT
JEC940054	S of Amisk lake	63L08	A20745-108	13	668563	6033331	299	1b	X		X	X	94JEC0088	94JEC0089	DLMT
JEC940055	S of Windy Lake	63L07	A20671-055	13	649568	6016709	297	2b	X			X	94JEC0090	94JEC0091	DLMT
JEC940056	E of McKenzie Lake	63L02	A20672-138	13	657675	6009927	298	R1	X			X	94JEC0092	94JEC0093	DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
JEC940057	W side of Pine island	63L01	A20746-105	13	665332	5988973	277	5b	X			X		94JEC0094	DLMT
JEC940058	SE of McOrmond Lake	63L01	A20672-189	13	663407	5998092	277	1b	X			X	94JEC0095	94JEC0096	DLMT
JEC940059	N of Suggi and Wind Lakes	63L07	A20745-112	13	654063	6031582	299	1b	X		X	X	94JEC0097	94JEC0098	DLMT
JEC940060	NW of Suggi Lake	63L07	A20745-115	13	639291	6030860	308	1b	X		X	X	94JEC0099	94JEC0100	DLMT
JEC940061	E side of Suggi Lake	63L07	A20745-022	13	635330	6025081	306	1b	X			X	94JEC0101	94JEC0102	DLMT
JEC940062	SW of Suggi Lake	63L07	A20745-021	13	632263	6019920	305	2b	X			X	94JEC0103	94JEC0104	DLMT
JEC940063	Grassberry River	63L02	A20672-141	13	643994	6006849	289	1b	X			X	94JEC0105	94JEC0106	DLMT
JEC940064	N of Cumberland delta, Steamboat Channel	63L02	A20672-186	13	649912	5995531	274	2b	X			X	94JEC0107	94JEC0108	DLMT
JEC940065	S of Worehouse Bay, Amisk Lake	63L08	A20745-106	13	679205	6031137	306	1b	X		X	X	94JEC0109	94JEC0110	DLMT
MOB940001	Section B - see section MOB930162	63K11	A24478-010	14	346364	6044034	305	2b	X			X	multiple (section)		DLMT
MOB940002	Small pit off HWY 10, 6km N. of Cranberry Portage	63K11	A27118-021	14	346376	6057140	290	2a	X			X	94MOB0014-0017		ACIV
MOB940003	Along HWY 10, near railway towards Sherridon	63K11	A27118-021	14	345300	6057650	297	1a			X				ACIV
MOB940004	Old road south of Otter Lake	63K11	A27118-021	14	342650	6057950	295	3	X						MVCC
MOB940005	HWY 10, south of Twin Lake	63K11	A27118-021	14	341700	6058450	303	1a	X	X	X	X	94MOB0018, 0019	94MOB0020	MVCC
MOB940006	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	329435	6062695	288	1b	X	X		X	94MOB0021	94MOB0022	MVCC
MOB940007	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	329806	6063103	288	R1			X				MVCC
MOB940008	East shore of North Arm, Athapap Lake	63K12	A27118-024	14	330600	6063450	288	R1		X	X				MVCC
MOB940009	Athapap Lake, N of railway, SW of channel	63K12	A27118-017	14	327902	6053304	300	Ia	X		X	X	94MOB0023	94MOB0024	GBBR
MOB940010	Athapap Lake, S of Bakers Narrows, SE shore	63K12	A27118-017	14	329000	6054005	290	R1			X				GRNT
MOB940011	1km SW of channel, Athapap Lake, N of railroad	63K12	A27118-017	14	330266	6055471	305	1a	X			X	94MOB0025	94MOB0026	MVCC
MOB940012	Athapap Lake, near channel 1	63K12	A27118-017	14	331000	6055200	290	R1			X				GRNT
MOB940013	Athapap Lake, SW of Paradise Lodge	63K12	A27118-024	14	331190	6057398	303	1b	X	X		X	94MOB0027	94MOB0028	MVCC
MOB940014	Athapap Lake, large island SE of Bakers Narrows	63K12	A27118-024	14	329543	6057665	295	1a	X			X	94MOB0029	94MOB0030	GRNT
MOB940015	Athapap Lake, S of Bakers Narrows, small island	63K12	A27118-024	14	328950	6057780	290	R1			X				GRNT
MOB940016	Athapap Lake, S of Bakers Narrows, small island	63K12	A27118-024	14	329216	6059163	290	R1			X				MVCC
MOB940017	Athapap Lake, SE of Bakers Narrows, large island	63K12	A27118-024	14	329505	6060160	300	1a	X		X	X	94MOB0031	94MOB0032	RYLT
MOB940018	Schist Bay, southern end, into the channel	63K12	A27118-016	14	321482	6055495	305	5c	X			X	94MOB0033	94MOB0034	GBBR
MOB940019	Schist Bay, Athapap Lake	63K12	A27118-016	14	322829	6056896	295	1a	X		X	X	94MOB0035	94MOB0036	MSDM
MOB940020	Schist Bay, Athapap Lake	63K12	A27118-024	14	324080	6059044	292	1a	X			X	94MOB0037	94MOB0038	GRNT
MOB940021	Schist Bay, Athapap Lake	63K12	A27118-024	14	324623	6058714	290	R1			X				MSDM
MOB940022	Start of Schist Bay, Athapap Lake	63K12	A27118-024	14	325814	6060277	291	1a	X		X	X	94MOB0039	94MOB0040	GRNT
MOB940023	Schieders Bay, Athapap Lake	63K12	A27118-024	14	322960	6001967	295	1a	X			X	94MOB0041	94MOB0042	MSDM
MOB940024	Schieders Bay, Athapap Lake	63K12	A27118-024	14	324851	6057189	290	R1			X				MSDM
MOB940025	Small island, directly south of bridge, Athapap Lake	63K12	A27118-024	14	328624	6060108	290	R1			X				RYLT
MOB940026	Athapap Lake, NE of Athapap beach	63K12	A27118-026	14	327207	6052581	290	1a			X				GBBR
MOB940027	Athapap Lake, N of Athapap beach	63K12	A27118-026	14	325254	6052253	305	5c	X		X	X	94MOB0043	94MOB0044	GBBR
MOB940028	South end of Pickerel Bay, Athapap Lake	63K12	A27118-026	14	324611	6052371	290	1a			X				MSDM
MOB940029	Pickerel Bay, Athapap Lake	63K12	A27118-026	14	324487	6054263	293	1a	X			X	94MOB0045	94MOB0046	MSDM
MOB940030	Small island, NE of Athapap beach, Athapap Lake	63K12	A27118-026	14	327616	6054360	290	R1			X				BSLT
MOB940031	Gabbro Point, Athapap Lake	63K12	A27118-026	14	326797	6056433	290	R1			X				GBBR
MOB940032	Schieders Bay, Athapap Lake	63K12	A27118-024	14	327049	6058806	292	1a	X			X	94MOB0047	94MOB0048	GBBR
MOB940033	Millwater Quarry, SE of Bakers Narrows	63K12	A27118-017	14	332957	6052582	298	2b	X		X	X	94MOB0049	94MOB0050	UMFC
MOB940034	Millwater road, SE of Bakers Narrows	63K12	A27118-017	14	333318	6054116	303	R1			X				UMFC
MOB940035	Millwater road, SE of Bakers Narrows	63K12	A27118-017	14	334404	6055314	295	4	X			X			UMFC
MOB940036	Millwater road, SE of Bakers Narrows	63K12	A27118-017	14	335230	6057295	305	1a	X			X	94MOB0052	94MOB0053	GRNT
MOB940037	Millwater road, south of HWY 10	63K12	A27118-022	14	335062	6057610	295	R1			X				GRNT
MOB940038	HWY 10, between Millwater road & Sherridon road	63K12	A27118-022	14	337189	6059359	303	1a	X		X	X	94MOB0054	94MOB0055	UMFC
MOB940039	Small gravel road on west side of Sherridon road, North of Pothhook Lk	63K12	A27118-039	14	337261	6069814	324	R1			X				MSDM
MOB940040	Sherridon road	63K12	A27118-039	14	337262	6069350	320	R1	X		X	X	94MOB0056	94MOB0057	MVCC
MOB940041	Sherridon road, South of Pothook Lk	63K12	A27118-039	14	336585	6068446	320	R1			X				GRNT
MOB940042	Sherridon road, sand and gravel pit	63K12	A27118-039	14	335854	6067049	320	3	X	X	X	X	94MOB0058	94MOB0059	GRNT
MOB940043	Sherridon road	63K12	A27118-022	14	336104	6064565	318	R1			X				GRNT
MOB940044	Sherridon road, south of Nisto Lk	63K12	A27118-022	14	337030	6063417	318	R1	X		X	X	94MOB0060	94MOB0061	MVCC
MOB940045	Sherridon road, along Mistik Creek	63K12	A27118-022	14	338338	6062411	303	R1			X				MVCC
MOB940046	Sherridon road, small gravel road towards overgrowth sand pit	63K12	A27118-022	14	340473	6062459	310	4			X				GRNT
MOB940047	Small pit in till, Sherridon road (see BOU940028)	63K11	A27118-022	14	339531	6060667	305	1b	X		X	X	94MOB0062	94MOB0063	MVCC
MOB940048	Washed outcrop on Sherridon Road	63K11	A27118-021	14	339807	6059853	311	R1			X				GRNT
MOB940049	Small pit in sand, east of Sherridon Road	63K11	A27118-021	14	339816	6059079	310	4			X				GRNT
MOB940050	Sand pit at the junction HWY 10- Sherridon road	63K11	A27118-021	14	339607	6059272	307	4	X			X	94MOB0064	94MOB0065	UMFC
MOB940051	Along HWY 10, immediately SE of Sherridon road	63K11	A27118-021	14	340042	6058391	315	R1	X		X	X	94MOB0066	94MOB0067	UMFC
MOB940052	South side of HWY 10, east of Sherridon road	63K11	A27118-021	14	340789	6058179	302	1a		X	X				UMFC
MOB940053	Small outcrop east of Sherridon Road on HWY 10	63K11	A27118-022	14	339537	6058811	303	4			X				UMFC
MOB940054	Along HWY 10, West of Sherridon Road	63K11	A27118-022	14	339070	6059291	310	1a	X			X	94MOB0068	94MOB0069	GRNT
MOB940055	HWY 10, north of Payuk Lake	63K12	A27118-022	14	338232	6059445	305	1a			X				GRNT

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB940056	Picnic site at Neso Lake	63K12	A27118-022	14	335741	6059504	300	R1			X				MVCC
MOB940057	Along old road, north of Paradise Lodge	63K12	A27118-023	14	332159	6059666	303	1a			X				GBBR
MOB940058	Island, NW part of Athapap Lake	63K12	A27118-015	14	319987	6047693	291	2b	X			X	94MOB0070	94MOB0071	UMFC
MOB940059	SW part of Eight Chain Bay, Athapap Lake	63K12	A27118-015	14	321060	6049353	290	2b	X			X	94MOB0072	94MOB0073	GBBR
MOB940060	Small rocky part, S section of Eight Chain Bay, Athapap Lake	63K12	A27118-015	14	323012	6049153	290	R1			X				IGRK
MOB940061	West of main outlier, Athapap Lake	63K12	A27118-016	14	324970	6049541	292	2b	X			X	94MOB0074	94MOB0075	GBBR
MOB940062	SE part of outlier, Athapap Lake	63K12	A27118-016	14	325919	6048515	295	2b	X			X	94MOB0076	94MOB0077	GBBR
MOB940063	Small island S of outlier, Athapap lake	63K12	A27118-016	14	325888	6048175	290	R1			X				GBBR
MOB940064	Along railroad, N of Limestone Narrows	63K12	A27118-016	14	327941	6050604	295	1a	X			X	94MOB0078	94MOB0079	BSLT
MOB940065	Island east of West Arm, Athapap Lake	63K12	A27118-014	14	317960	6049198	292	2b	X			X	94MOB0080, 0084	94MOB0081	GBBR
MOB940066	Northern part of West Arm, Athapap Lake	63K12	A27118-014	14	316351	6050315	292	5b	X			X	94MOB0082	94MOB0083	RYLT
MOB940067	West Arm in Saskatchewan, Athapap Lake	63K12	A27118-014	14	315813	6049903	290	R1			X				RYLT
MOB940068	Small island, north West Arm Bay, Athapap Lake	63K12	A27118-014	14	316873	6049891	290	R1			X				BSLT
MOB940069	North of West Arm, Athapap Lake	63K12	A27118-014	14	317389	6051542	290	1a			X				RYLT
MOB940070	Along north-western shore of Athapap Lake	63K12	A27118-014	14	318053	6051515	295	1a	X			X	94MOB0085, 0087	94MOB0086	BSLT
MOB940071	Small point NE of West Arm, Athapap Lake	63K12	A27118-015	14	318693	6050870	293	R1				X			GBBR
MOB940072	West Arm Bay, Athapap Lake, Sask.	63K12	A27118-014	14	315369	6048714	303	2b	X	X		X	94MOB0089	94MOB0090	GRNT
MOB940073	Small rock in water along shore, West Arm Bay, Athapap Lake	63K12	A27118-073	14	315537	6047531	290	R1			X				ACIV
MOB940074	East part of West Arm Bay, Athapap Lake	63K12	A27118-006	14	317913	6047559	300	1b	X			X	94MOB0091	94MOB0092	GRNT
MOB940075	Small rock island, West of South Bay, Athapap Lake	63K12	A27118-006	14	319833	6046524	291	R1			X				UMFC
MOB940076	Small point on west side of South Bay, Athapap Lake	63K12	A27118-006	14	318302	6044697	295	1b	X			X	94MOB0093	94MOB0094	GBBR
MOB940077	Tip of South Bay point, Athapap Lake	63K12	A27118-006	14	323271	6044687	294	2b	X			X	94MOB0095	94MOB0096	DLMT
MOB940078	West shore of South Bay, Athapap Lake	63K12	A27118-006	14	321005	6042919	295	1b	X			X	94MOB0097	94MOB0098	DLMT
MOB940079	South Bay Athapap Lake	63K05	A27118-005	14	321121	6039913	292	2b	X			X	94MOB0099	94MOB0100	DLMT
MOB940080	South Bay Athapap Lake	63K05	A27118-005	14	323995	6038749	293	5c	X			X	94MOB0101	94MOB0102	DLMT
MOB940081	South Bay Athapap Lake	63K05	A27118-004	14	326906	6041360	293	2b	X		X	X	94MOB0103	94MOB0104	DLMT
MOB940082	Small rock island, Fisherman Point, Athapap Lake	63K12	A27118-004	14	329114	6044526	291	R1			X				UMFC
MOB940083	Small rock island, Fisherman Point, Athapap Lake	63K12	A27118-004	14	329861	6045240	292	R1			X				UMFC
MOB940084	East of South Bay Athapap Lake	63K12	A27118-003	14	333504	6045446	303	1b	X			X	94MOB0105	94MOB0106	DLMT
MOB940085	Southeastern shore of Athapap Lake	63K12	A27118-002	14	338534	6048265	292	1a	X			X	94MOB0107	94MOB0108	UMFC
MOB940086	HWY 10, east of Paradise Lodge road	63K12	A27118-023	14	334859	6058453	305	R1			X				RYLT
MOB940087	SW of Neso Lake HWY 10	63K12	A27118-023	14	334050	6058885	303	5a			X				RYLT
MOB940088	Gravel pit south of Reed Lake	63K09	A24478-023	14	406930	6043753	291	4	X	X					DLMT
MOB940089	HWY 10, NW of Paradise Lodge road	63K12	A27118-023	14	333164	6058701	318	R1			X				ACIV
MOB940090	HWY 10 SE of Bakers Narrows	63K12	A27118-023	14	332355	6059628	303	1a	X		X	X	94MOB0109	94MOB0110	ACIV
MOB940091	Sand pit N of Paradise Lodge	63K12	A27118-023	14	332225	6058550	311	4	X			X	94MOB0111	94MOB0112	ACIV
MOB940092	HWY 10 SE of Bakers Narrows	63K12	A27118-023	14	331786	6060237	318	R1			X				GBBR
MOB940093	HWY 10 SE of Bakers Narrows	63K12	A27118-023	14	331063	6060573	305	4			X				GBBR
MOB940094	HWY 39, south of Loucks Lake	63K10	A24478-066	14	388655	6050874	295	1b			X				DLMT
MOB940095	HWY 39, south of Loucks Lake	63K10	A24478-066	14	387901	6050893	303	R2			X				DLMT
MOB940096	HWY 39, along road to Iskwasum camping	63K10	A24478-067	14	383820	6050686	306	1b			X				DLMT
MOB940097	HWY 39, soutHWYest of Iskwasum	63K10	A24478-067	14	381426	6050501	306	1b			X				DLMT
MOB940098	HWY 39, soutHWYest of Iskwasum	63K10	A24478-067	14	380637	6050521	306	1b			X				DLMT
MOB940099	HWY 39, soutHWYest of Iskwasum	63K10	A24478-067	14	379756	6050483	306	R2			X				DLMT
MOB940100	HWY 39, soutHWYest of Iskwasum	63K10	A24478-067	14	378418	6050828	309	1b			X				DLMT
MOB940101	HWY 39, north of First Central Lake	63K10	A24478-015	14	372010	6047787	312	5a			X				DLMT
MOB940102	HWY 39, SE of Simonhouse Lake	63K11	A24478-015	14	370202	6046787	318	1b			X				DLMT
MOB940103	HWY 39, SE of Simonhouse Lake	63K11	A24478-015	14	368725	6046056	312	1b			X				DLMT
MOB940104	Along small gravel road, north of HWY 39, S of Simonhouse lake.	63K11	A24478-015	14	367456	6045691	305	2b	X		X	X	94MOB0113	94MOB0114	DLMT
MOB940105	HWY 39, SE of Simonhouse Lake	63K11	A24478-015	14	366455	6044669	306	1b			X				DLMT
MOB940106	HWY 39, S of Simonhouse Lake	63K11	A24478-014	14	359976	6041647	308	1b		X	X				DLMT
MOB940107	NW shore of Reed Lake	63K10	A24478-105	14	396575	6058046	280	1a	X		X	X	94MOB0115	94MOB0116	MVCC
MOB940108	Island in western part of Reed Lake	63K10	A24478-065	14	397692	6055918	285	5a	X		X	X	94MOB0117	94MOB0118	MVCC
MOB940109	SW part of Reed Lake	63K10	A24478-065	14	394770	6052089	279	1a	X			X	94MOB0119	94MOB0120	GBBR
MOB940110	SW of Fourmile Island -Reed Lake	63K10	A24478-064	14	399882	6054354	282	5a	X			X	94MOB0121	94MOB0122	MVCC
MOB940111	SW of Reed Lake	63K10	A24478-064	14	401147	6053120	278	1a			X				MVCC
MOB940112	Barlett PT, Reed Lake	63K10	A24478-063	14	403379	6052640	283	1b	X			X	94MOB0123	94MOB0124	DLMT
MOB940113	HWY 39, S of Simonhouse Lake	63K06	A24478-013	14	358203	6040186	304	2b	X	X		X	94MOB0125	94MOB0126	DLMT
MOB940114	HWY 39, S of Simonhouse Lake	63K06	A24478-013	14	357331	6039378	304	1b			X				DLMT
MOB940115	HWY 39, SW of Simonhouse Lake	63K06	A24477-240	14	355343	6037461	305	1b			X				DLMT
MOB940116	HWY 39, SW of Simonhouse Lake	63K06	A24477-240	14	351214	6036264	301	1b			X				DLMT
MOB940117	Simonhouse Rd. W of Simonhouse Lake	63K11	A24478-012	14	350958	6041685	318	1b			X				DLMT
MOB940118	Simonhouse Rd. W of Simonhouse Lake	63K11	A24478-012	14	352054	6044928	319	1b			X				DLMT
MOB940119	HWY Lake	63K09	A24478-111	14	431255	6061530	280	5a	X		X	X	94MOB0127	94MOB0128	GBBR

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB940120	N end of Tramping Lake	63K09	A24478-113	14	432449	6065963	273	5a	X			X	94MOB0129	94MOB0130	GRNT
MOB940121	E central shore, Tramping Lake	63K09	A24478-111	14	428408	6060430	279	1a	X		X	X	94MOB0131	94MOB0132	GRNT
MOB940122	E shore, Tramping Lake	63K09	A24478-109	14	424303	6055921	276	5a	X			X	94MOB0133	94MOB0134	MSDM
MOB940123	S shore, Halfway Lake	63K09	A24478-108	14	415676	6064452	291	1a	X	X		X	94MOB0135	94MOB0136	MSDM
MOB940124	E shore Deep Lake	63K09	A24478-146	14	412909	6067596	295	1a	X			X	94MOB0137	94MOB0138	UMFC
MOB940125	E point, Jackfish Lake	63K09	A24478-107	14	411369	6061072	288	5a	X		X	X	94MOB0139	94MOB0140	GBBR
MOB940126	Krug Lake, N of railroad	63K10	A24478-148	14	399959	6066752	286	1a	X			X	94MOB0141	94MOB0142	MVCC
MOB940127	No name Lake, NW of Reed Lake	63K10	A24478-103	14	392790	6060948	295	4	X			X	94MOB0143	94MOB0144	GRNT
MOB940128	Flag Lake	63K10	A24478-066	14	390152	6054116	291	5c	X		X	X	94MOB0145	94MOB0146	GBBR
MOB940129		63K10	A24478-102	14	382327	6062352	290	2b	X			X	94MOB0149	94MOB0150	MVCC
MOB940130	Wedge Lake, SW part	63K11	A24478-098	14	363892	6058168	303	5a	X		X	X	94MOB0151	94MOB0152	GRNT
MOB940131	Otaskawetowin Lake, small island	63K11	A24478-098	14	360393	6062760	303	5a	X			X	94MOB0153	94MOB0154	GRNT
MOB940132	Vance Lake	63K10	A24478-102	14	385914	6063961	300	1a	X		X	X	94MOB0147	94MOB0148	MVCC
MOB940133	E end of Bronne Lake, small island	63K11	A24478-157	14	363738	6067328	311	1a	X			X	94MOB0155	94MOB0156	GRNT
MOB940134	No name Lake, N of Third Cranberry Lake	63K11	A24478-155	14	367152	6067196	310	R1	X			X	94MOB0157	94MOB0158	GRNT
MOB940135	Island on BC lake	63K11	A24478-096	14	353032	6062312	315	1a	X		X	X	94MOB0159	94MOB0160	GRNT
MOB940136	Anvil Lake NE shore	63K11	A24478-096	14	352304	6058686	300	1a	X		X	X	94MOB0161	94MOB0162	GRNT
MOB940137	Emerald Lake	63K14	A24478-158	14	355163	6069513	326	1a	X			X	94MOB0163	94MOB0164	GRNT
MOB940138	Peterson Lake	63K14	A24478-155	14	363867	6072799	320	1a	X			X	94MOB0165	94MOB0166	GRNT
MOB940139	Patern Lake	63K14	A24478-155	14	367904	6075122	318	1a	X		X	X	94MOB0167	94MOB0168	GRNT
MOB940140	Cormorant section (see station MOB930022)	63K02	A24477-106	14	396119	6010305	260	2b	X	X	X	X	multiple (section)		DLMT
MOB940141	NE of little Cormorant Lake	63K02	A24477-106	14	397279	6011001	258	R2		X	X				DLMT
MOB940142	Along railway, NE of Cormorant	63K02	A24477-106	14	396403	6010711	258	R2			X				DLMT
MOB940143	Small soutHWYard gravel road, SE of Bakers Narrows	63K12	A27118-024	14	331092	6059922	306	4	X	X		X	94MOB0185		GRNT
MOB940144	Airport sections	63K12	A27118-024	14	327592	6063149	297	4	X						MSDM
MOB940145	Sally's Beach Road	63K12	A27118-024	14	327850	6064748	299	R1			X				BSLT
MOB940146	Sally's Beach Road	63K12	A27118-024	14	327644	6064044	298	R1			X				GRNT
MOB940147	Sally's Beach Road	63K12	A27118-024	14	327426	6063495	303	4	X			X	94MOB0186	94MOB0187	GRNT
MOB940148	North Star Road	63K12	A27118-024	14	327144	6064094	311	5a			X				GRNT
MOB940149	North Star Road, along Pineroot river	63K12	A27118-037	14	328325	6065937	299	4			X				MSDM
MOB940150	North Star Road, racing tracks	63K12	A27118-037	14	328683	6066387	306	4			X				MVCC
MOB940151	North Star Road, other side of Pineroot river	63K12	A27118-037	14	328507	6066487	306	1a	X			X	94MOB0188	94MOB0189	BSLT
MOB940152	North Star Road	63K12	A27118-037	14	328364	6067915	305	R1			X				BSLT
MOB940153	North Star Road, edge of mapping area	63K12	A27118-037	14	329474	6069792	315	1a	X		X	X	94MOB0190	94MOB0191	MVCC
MOB940154	Gravel road off North Star Road	63K12	A27118-037	14	328927	6068575	311	R1			X				BSLT
MOB940155	Lucille Lake, Island in centre	63K11	A24478-095	14	347476	6066023	311	1a	X		X	X	94MOB0192	94MOB0193	GBBR
MOB940156	Brunne Lk, Western end	63K11	A24478-097	14	356062	6065184	311	5c	X			X	94MOB0194	94MOB0195	GRNT
MOB940157	Kinghorne Lk, Central part	63K11	A27118-042	14	351846	6067672	321	1a	X			X	94MOB0196	94MOB0197	MVCC
MOB940158	Tapukok Lake, Western shore	63K14	A27118-041	14	343787	6070697	327	5c	X			X	94MOB0198	94MOB0199	GRNT
MOB940159	Bakers Lk	63K14	A27118-054	14	351416	6076905	333	1a	X			X	94MOB0200	94MOB0201	MVCC
MOB940160	Noten Lk, north shore	63K14	A27118-053	14	356252	6074489	330	5c	X			X	94MOB0202	94MOB0203	GRNT
MOB940161	Wapun Lake	63K14	A27118-053	14	358265	6079406	339	5c	X			X	94MOB0204	94MOB0205	GRNT
MOB940162	Duval Lake Rd. W bound, end of road	63N04	A27118-069	14	316627	6098366	341	4				X		94MOB0206	GNSS
MOB940163	Duval Lake Rd.,W bound	63N04	A27118-069	14	318021	6102023	348	1a				X		94MOB0207	GNSS
MOB940164	Duval Lake Rd.,W bound	63N04	A27118-070	14	320276	6101066	344	R1				X		94MOB0208	GNSS
MOB940165	Duval Lake Rd.,W bound,N of Cacholotte Lake	63N04	A27118-071	14	329609	6098255	327	4			X	X		94MOB0209	GNSS
MOB940166	Duval Lake Rd.,W bound,NE of Cacholotte Lake	63N04	A27118-072	14	331548	6098274	324	4			X				PC
MOB940167	Duval Lake Rd.,W bound	63N04	A27118-072	14	333902	6098929	317	4			X	X		94MOB0210	GNSS
MOB940168	Duval Lake Rd.,W bound	63N04	A27118-073	14	335160	6099749	321	4			X				PC
MOB940169	Duval Lake Rd.,W bound	63N04	A27118-073	14	337289	6100135	321	4			X	X		94MOB0211	GNSS
MOB940170	Duval Lake Rd., N bound, end of road	63N04	A24682-082	14	334194	6121043	318	1a				X		94MOB0212	GNSS
MOB940171	Duval Lake Rd., N bound	63N04	A24682-082	14	334306	6119770	318	1a			X				PC
MOB940172	Duval Lake Rd., N bound	63N04	A24682-082	14	334747	6118299	336	1a			X				PC
MOB940173	Duval Lake Rd., N bound	63N04	A24682-082	14	334512	6117689	326	5a				X		94MOB0213	GNSS
MOB940174	Duval Lake Rd., N bound	63N04	A24682-081	14	333702	6115460	329	4				X		94MOB0214	GNSS
MOB940175	Duval Lake Rd., N bound	63N04	A24682-081	14	333595	6114969	336	4			X				PC
MOB940176	Duval Lake Rd., N bound	63N04	A24682-081	14	333544	6113114	341	1a			X				PC
MOB940177	Duval Lake Rd., N bound	63N04	A24682-081	14	333859	6110163	326	4			X	X		94MOB0215	GNSS
MOB940178	Duval Lake Rd., N bound	63N04	A24682-079	14	333868	6107068	333	1a			X				PC
MOB940179	Duval Lake Rd., N bound	63N04	A24682-079	14	334373	6106338	329	1a				X		94MOB0216	GNSS
MOB940180	Duval Lake Rd., SW of Duval Lake	63N04	A24682-079	14	334825	6102237	323	4			X	X		94MOB0217	GNSS
MOB940181	Duval Lake Rd., W bound, N of Kississing River	63N03	A27118-074	14	340240	6099626	315	1a				X		94MOB0218	GNSS
MOB940182	Barnett Bay Rd., Vermette Point	63N03	A24682-181	14	345256	6110464	330	1a				X		94MOB0219	GRNG
MOB940183	Barnett Bay Rd., Vermette Point	63N03	A24682-181	14	345001	6109235	327	1a			X				PC

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB940184	Barnett Bay Rd.	63N03	A24682-182	14	344651	6106339	318	4			X	X		94MOB0220	GNSS
MOB940185	Barnett Bay Rd., SE of bay	63N03	A24682-182	14	343318	6103756	320	4			X	X		94MOB0221	GNSS
MOB940186	Barnett Bay Rd., E of Kississing River	63N03	A24682-183	14	342815	6102072	321	1a			X				PC
MOB940187	Junction of Barrett Bay and Duval Lake Rd.	63N03	A24682-183	14	343148	6099925	326	5a				X		94MOB0222	GRNT
MOB940188	Deep South Bay Rd.	63N03	A24682-183	14	348647	6098560	344	4				X			PC
MOB940189	Deep South Bay Rd.	63N03	A24682-183	14	348127	6098423	350	1a			X			94MOB0223	GNSS
MOB940190	Deep South Bay Rd.	63N03	A24682-183	14	346022	6098216	356	4			X	X		94MOB0224	GNSS
MOB940191	Jungle Lake Rd, N of Limestone Creek	63N02	A25336-179	14	402001	6122089	294	5a			X	X		94MOB0225	GNSS
MOB940192	Jungle Lake Rd, N of Limestone Creek	63N02	A25336-179	14	401527	6121419	294	5a	X	X	X	X			GNSS
MOB940193	Jungle Lake Rd, N of Limestone Creek	63N02	A25336-188	14	399212	6119090	282	5a			X	X		94MOB0226	GNSS
MOB940194	Jungle Lake Rd, S of Limestone Creek	63N02	A25336-188	14	397424	6115172	291	5a			X	X		94MOB0227	GRNG
MOB940195	Jungle Lake Rd, N of Batty Lake	63N02	A25336-188	14	395387	6115127	285	5a			X				PC
MOB940196	Jungle Lake Rd, N of Batty Lake	63N02	A25336-188	14	394465	6115056	295	5a			X	X		94MOB0228	GRNG
MOB940197	Jungle Lake Rd, S of Hayhurst Lake	63N02	A25336-188	14	391586	6116053	288	5a			X	X		94MOB0229	GRNG
MOB940198	Jungle Lake Rd, NW of Batty Lake	63N02	A24919-161	14	388075	6115058	306	1a			X	X		94MOB0231	GNSS
MOB940199	Jungle Lake Rd, NW of Batty Lake	63N02	A24919-161	14	386869	6114284	300	1a			X				PC
MOB940200	Jungle Lake Rd, S of Limestone Creek	63N02	A24919-161	14	385377	6114786	295	5a				X		94MOB0232	GNSS
MOB940201	Jungle Lake Rd, S of Walton Lake	63N02	A24742-237	14	381362	6114922	288	5a				X		94MOB0233	GNSS
MOB940202	Jungle Lake Rd, S of Walton Lake	63N02	A24742-237	14	381041	6115519	309	5a			X				PC
MOB940203	Jungle Lake Rd, S of Walton Lake	63N02	A24742-237	14	380186	6117954	300	5a				X		94MOB0234	GNSS
MOB940204	Jungle Lake Rd, SW of Walton Lake	63N02	A24742-237	14	379604	6118001	300	5c			X				PC
MOB940205	Jungle Lake Rd, E of Jungle Lake	63N02	A24742-237	14	377967	6117674	315	5a			X				PC
MOB940206	Jungle Lake Rd, E of Jungle Lake	63N02	A24742-237	14	377017	6117237	315	5a			X	X		94MOB0241	GNSS
MOB940207	Jungle Lake Rd, W of Jungle Lake	63N03	A24741-013	14	371600	6117792	318	1a			X	X		94MOB0235	GRNG
MOB940208	Jungle Lake Rd, SW of Jungle Lake	63N03	A24741-013	14	370382	6114858	341	1a			X				PC
MOB940209	Jungle Lake Rd, NE of Transit Lake	63N03	A24741-013	14	370411	6113403	333	4			X	X		94MOB0236	GNSS
MOB940210	Jungle Lake Rd, E of Sherlett Lake	63N03	A24741-013	14	369900	6111098	321	4			X				PC
MOB940211	Jungle Lake Rd, E of Sherlett Lake	63N03	A24741-013	14	369298	6110497	320	5c				X		94MOB0237	GRNG
MOB940212a	Small winter road, N of Sherridon tailings	63N03	A24737-060	14	365481	6112065	326	5a				X		94MOB0238	GNSS
MOB940212b	Sand pit S of Sherridon	63N03	A24737-061	14	367790	6108067	333	4		X		X		94MOB0242	GRNG
MOB940213	Sherridon road, SSW of Sherridon	63N03	A24737-061	14	365185	6108733	315	1a		X	X	X		94MOB0239	GRNG
MOB940214	Sherridon road, SSW of Sherridon	63N03	A24737-061	14	364883	6106360	339	1a				X		94MOB0240	GRNT
MOB940215	Sherridon road, NE of Finger Lake	63N03	A24737-061	14	365360	6103933	318	1a			X	X		94MOB0243	GRNT
MOB940216	Sherridon road, E of Finger Lake	63N03	A24737-063	14	365277	6102977	327	4			X				PC
MOB940217	Sherridon road, S of Finger Lake	63N03	A24737-063	14	365601	6100740	326	4			X				PC
MOB940218	Sherridon road, SE of Finger Lake	63N03	A24737-063	14	365452	6100528	341	1a				X		94MOB0244	GNSS
MOB940219	Sherridon road, SE of Dumbell Lake	63N03	A27118-080	14	363779	6097516	329	1a			X	X		94MOB0245	GNSS
MOB940220	Sherridon road, S of Dumbell Lake	63N03	A27118-080	14	363134	6096763	326	1a			X				GNSS
MOB940221	SE of South Bay of Athapap Lake	63K05	A24477-246	14	320049	6034199	295	2b	X			X	94MOB0246	94MOB0247	DLMT
MOB940222	S of Moller Lake	63K05	A24477-171	14	313667	6027275	302	1b	X		X	X	94MOB0248,0249	94MOB0250	DLMT
MOB940223	SW of Sturgeon-Weir, N of Namew Lake	63K05	A24477-128	14	308569	6021172	290	1b	X		X	X	94MOB0251	94MOB0252	DLMT
MOB940224	N of Cross Bay of Namew Lake	63K04	A24477-045	14	309340	6006131	280	1b	X			X	94MOB0253	94MOB0254	DLMT
MOB940225	S of Cross Bay of Namew Lake	63K04	A24477-039	14	308809	5995940	291	5a	X			X	94MOB0255	94MOB0256	DLMT
MOB940226	S of Paulin Lake	63K04	A24477-038	14	314646	5995826	296	2b	X			X	94MOB0257	94MOB0258	DLMT
MOB940227	Hoar Lake, E shore	63K04	A24477-037	14	315436	5990998	296	5c	X		X	X	94MOB0259	94MOB0260	DLMT
MOB940228	Whitey Narrows, Namew Lake	63L01	A20671-062	13	696036	5994564	282	2b	X			X	94MOB0261	94MOB0262	DLMT
MOB940229	Cumberland Lake	63L01	A20671-061	13	685828	5988542	271	2b	X			X	94MOB0263	94MOB0264	DLMT
MOB940230	SW of Archibald Lake	63L01	A20672-132	13	684094	6005059	274	7b	X			X	94MOB0265	94MOB0266	DLMT
MOB940231	N of Moose Bay, Cumberland Lake	63L01	A20672-191	13	676437	6002532	265	R2	X	X	X	X	94MOB0267	94MOB0268	DLMT
MOB940232	N of Sturgeon-Weir River	63K05	A24477-169	14	307854	6028723	293	2b	X			X	94MOB0269,0271	94MOB0270	DLMT
MOB940233	E of Windy Lake, along winter road	63L08	A20745-030	13	669396	6026432	301	R2	X			X	94MOB0272	94MOB0273	DLMT
MOB940234	NW of Leonard Lake	63L08	A20745-032	13	674103	6023359	295	1b	X			X	94MOB0274	94MOB0275	DLMT
MOB940235	SE of McKenzie Lake	63L01	A20672-136	13	668239	6007176	273	1b	X		X	X	94MOB0276	94MOB0277	DLMT
MOB940236	Pine Island, NE tip	63L01	A20746-107	13	671761	5992455	264	1b	X	X	X	X	94MOB0278	94MOB0279	DLMT
MOB940237	NE of Muskeg River, N or Saskatchewan River	63L02	A20746-103	13	654709	5993462	270	7a				X		94MOB0280	DLMT
MOB940238	Along winter road, NE of Pine bluff reserve	63L02	A20672-186	13	650988	6001536	276	1b	X			X	94MOB0281	94MOB0282	DLMT
MOB940240	W of Ussine Lake	63L07	A20672-054	13	657696	6039254	312	7a	X			X	94MOB0283	94MOB0284	DLMT
MOB940241	SW of Wapusk Lake	63L07	A20672-051	13	643381	6037359	303	1b	X			X	94MOB0285	94MOB0286	DLMT
MOB940242	NW of Suggi Lake	63L07	A20745-117	13	632785	6031223	320	R2	X			X	94MOB0287	94MOB0288	DLMT
MOB940243	S of Suggi Lake, end of winter road	63L02	A20746-114	13	640262	6011466	287	2b	X			X	94MOB0289	94MOB0290	DLMT
MOB940244	Drumlinoid feature, S of Silcox Lake	63L02	A20672-143	13	634430	6003313	279	2b	X			X	94MOB0291	94MOB0292	DLMT
MOB940245	NE of Pine bluff reserve, N of Saskatchewan River	63L02	A20672-184	13	642858	5998989	274	1b	X		X	X	94MOB0293	94MOB0294	DLMT
MOB940246	SE of Nejedley Lake	63L08	A20745-029	13	667900	6017435	294	1b	X		X	X	94MOB0295	94MOB0296	DLMT
MOB940247	Saskoba Lake, W shore	63K05	A24477-048	14	310417	6036910	300	2b	X			X	94MOB0297,0299	94MOB0298	DLMT

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
MOB940248	Burrison Lake, NW shore	63L08	A20745-035	13	688194	6021564	290	2b	X			X	94MOB0300	94MOB0301	DLMT
MOB940249	Waterfall Lake	63L01	A20671-046	13	690765	6014986	273	2b	X			X	94MOB0302	94MOB0303	DLMT
MOB940250	Windy Lake, S shore	63L07	A20745-026	13	655289	6024168	295	R2				X		94MOB0304	DLMT
MOB940251	Windy lake, W shore	63L07	A20745-020	13	652458	6026146	295	2b	X			X	94MOB0305	94MOB0306	DLMT
MOB940252	Suggi Lake, S shore	63L07	A20745-023	13	640611	6020756	292	2b	X			X	94MOB0307	94MOB0308	DLMT
MOB940253	Suggi lake, SE shore	63L07	A20745-025	13	648250	6023873	303	2b	X			X	94MOB0309	94MOB0310	DLMT
MOB940254	Small Lake, SW of Balsam Lake	63L08	A20672-055	13	662300	6040000	294	1b	X			X	94MOB0311	94MOB0312	DLMT
MOB940255	Oskatukaw Lake, E shore	63L10	A20671-015	13	660246	6047170	311	1b	X			X	94MOB0313	94MOB0314	DLMT
MOB940256	Stringer Lake, NE shore	63L10	A20671-013	13	652354	6047611	324	1b	X			X	94MOB0315	94MOB0316	DLMT
MOB940257	Hobbs Lake, S shore	63L10	A20671-010	13	639321	6042862	308	1b	X			X	94MOB0317	94MOB0318	DLMT
MOB940258	Hobbs Lake, N shore	63L10	A20671-010	13	640786	6047269	308	2b	X			X	94MOB0319	94MOB0320	DLMT
MOB940259	Acheninni Lake, SE of airstrip	63L10	A20671-008	13	630962	6043820	314	2b	X			X	94MOB0321	94MOB0322	DLMT
MOB940260	Acheninni Lake, S shore	63L07	A20672-048	13	631346	6037986	333	1b	X			X	94MOB0323	94MOB0324	DLMT
MOB940261	Hollingdale Lake, N shore	63L10	A20671-009	13	633126	6049760	324	1b	X			X	94MOB0325	94MOB0326	DLMT
MOB940262	The Pas Moraine, on Root Lake road	63K03	A24477-053	14	351971	6001502	323	2b	X	X		X	94MOB0327		DLMT
MOB940263	The Pas Moraine, on Root Lake road	63K03	A24477-053	14	351859	6001413	311	2b	X	X		X	94MOB0328,0329		DLMT
MOB940264	The Pas Moraine, on Root Lake road	63K03	A24477-053	14	351709	6001263	297	2b	X	X		X	94MOB0330,0331		DLMT
MOB940265	Base of The Pas Moraine, on Root Lake road	63K03	A24477-053	14	351245	6000938	290	5b	X	X		X	94MOB0332		DLMT
MOB940266	Microwave tower road, west of railway tracks	63K03	A24477-116	14	344400	6011400	285	1b	X	X	X	X	94MOB0348		DLMT
PJH940001		63K09	A20671-021	13	685500	6047000	312				X	X	94HJB0002	94HJB0001	
PJH940001		63K09	A20671-021	13	685500	6047000	312					X	94HJB0003		
PJH940001		63K09	A20671-021	13	685500	6047000	312					X	94HJB0004		
PJH940001		63K09	A20671-021	13	685500	6047000	312					X	94HJB0005		
PJH940001		63K09	A20671-021	13	685500	6047000	312						94HJB0006		
PJH940002		63K09	A20671-021	13	685250	6045050	297				X				
PJH940003		63K09	A20745-167	13	688600	6056590	311								
PJH940004		63K13	A20805-108	14	312106	6079750	343					X	94HJB0008	94HJB0007	
PJH940005		63K13	A29805-108	14	311850	6079825	343				X				
PJH940006		63K12	A20745-172	14	313320	6068879	328				X				
PJH940007		63K12	A20745-172	14	311800	6063800	323				X				
PJH940008		63K12	A20671-023	14	313800	6045800	323					X	94HJB0010	94HJB0009	
PJH940009		63K12	A20671-021	14	313000	6047100	323				X				
PJH940010		63K12	A20671-023	14	312846	6047503	328					X	94HJB0012	94HJB0011	
PJH940011		63K12	A20671-023	14	311725	6049750	320				X				
PJH940012		63K12	A20671-023	14	309900	6047350	312				X				
PJH940013		63K12	A20671-021	14	308985	6045900	312					X	94HJB0014	94HJB0013	
PJH940014		63K12	A20671-021	14	307100	6045014	311					X	94HJB0016	94HJB0015	
PJH940015		63K12	A20745-170	14	308351	6055125	312					X	94HJB0018	94HJB0017	
PJH940015		63K12	A20745-170	14	308351	6055125	312					X	94HJB0019		
PJH940016		63K12	A20745-172	14	307806	6057029	312				X	X	94HJB0021	94HJB0020	
PJH940017		63K12	A20745-169	14	312625	6065616	328				X	X	94HJB0023	94HJB0022	
PJH940018		63L09	A20671-020	13	686375	6044225	312				X	X	94HJB0024	94HJB0029	
PJH940018		63L09	A20671-020	13	686375	6044225	312					X	94HJB0025		
PJH940018		63L09	A20671-020	13	686375	6044225	312					X	94HJB0026		
PJH940018		63L09	A20671-020	13	686375	6044225	312					X	94HJB0027		
PJH940018		63L09	A20671-020	13	686375	6044225	312					X	94HJB0028		
PJH940018		63L09	A20671-020	13	686375	6044225	312					X	94HJB0030		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0031		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0032A		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0032B		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0033		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0034		
PJH940019		63L09	A20671-020	13	685600	6044950	305					X	94HJB0035		
PJH940020		63L09	A20671-020	13	685250	6049400	290					X	94HJB0036		
PJH940021		63L09	A20671-020	13	685600	6053350	305					X	94HJB0037		
PJH940022		63K12	A20745-100	14	310250	6059425	320				X	X	94HJB0039	94HJB0038	
PJH940023		63K12	A20745-100	14	309000	6059300	312				X	X	94HJB0041	94HJB0040	
PJH940024		63K12	A20745-100	14	308750	6057700	320				X				
PJH940025		63K12	A20745-100	14	308650	6056275	320					X	94HJB0043	94HJB0042	
PJH940025		63K12	A20745-100	14	308650	6056275	320					X	94HJB0044		
PJH940025		63K12	A20745-100	14	308650	6056275	320					X	94HJB0045		
PJH940026		63K12	A20805-200	14	313125	6070400	351				X				
PJH940027		63K12	A20805-200	14	314000	6070975	335				X				
PJH940028		63K12	A20805-200	14	312000	6068400	323				X				

Appendix I: Site Location and Description

Site Number	Site Name	Location NTS	Airphoto #	Zone	Easting	Northing	Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
PJH940029		63 L16	A20805-101	13	662125	6079375	351						94HJB0046		
PJH940030		63 L15		13	659585	6078951							94HJB0047		
PJH940031		63 L16	A20805-101	13	683150	6082700	358						94HJB0048		
PJH940032		63 L16	A20805-202	13	691470	6072550	311				X	X	94HJB0050	94HJB0049	
PJH940033		63 L16	A20805-202	13	692325	6071850	335				X				
PJH940034		63K12	A20745-172	14	312675	6066660	328				X				
PJH940035		63L09	A20745-167	13	683575	6056150	296				X				
PJH940036		63K13	A20805-200	14	316440	6071925	312				X				
PJH940037		63K13	A20805-200	14	315500	6071800	343				X				
PJH940038		63K13	A20805-109	14	311670	6081425	351					X	94HJB0051		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0052		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0053		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0054		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0055		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0056		
PJH940039		63K13	A20805-108	14	311100	6080650	343					X	94HJB0057		
PJH940040		63K13	A20805-108	14	311470	6080450	335					X	94HJB0058		
PJH940040		63K13	A20805-108	14	311470	6080450	335					X	94HJB0059		
PJH940041		63K12	A20745-169	14	307550	6054500	312				X	X	94HJB0060A		
PJH940041		63K12	A20745-169	14	307550	6054500	312					X	94HJB0060B		
PJH940042		63K12	A20745-169	14	307775	6055200	317					X	94HJB0061		
PJH940042		63K12	A20745-169	14	307775	6055200	317					X	94HJB0062		
PJH940042		63K12	A20745-169	14	307775	6055200	317					X	94HJB0063		
PJH940043		63K12	A20745-169	14	307100	6053850	312					X	94HJB0064		
PJH940043		63K12	A20745-169	14	307100	6053850	312					X	94HJB0065		
PJH940044		63K12	A20745-169	14	306550	6053025	311					X	94HJB0066		
PJH940045		63L09	A20745-169	13	693500	6053125	335					X	94HJB0067		
PJH940046		63K12	A20745-169	14	306275	6053700	312				X	X	94HJB0069		
PJH940047		63L09	A20745-175	13	681700	6065650	296				X				
PJH940048		63L09	A20745-175	13	684875	6064800	296				X				
PJH940049		63L09	A20745-175	13	685040	6067475	297				X				
PJH940050		63L09	A20671-017	13	668075	6049225	296				X				
PJH940051		63L09	A20671-017	13	669725	6047550	297				X				
PJH940052		63L09	A20671-017	13	672475	6049360	296				X				
PJH940053		63L09	A20671-019	13	677100	6049225	296				X				
PJH940054		63L09	A20745-165	13	677300	6066160	296				X				
MOB950001	Jan Lake, NE Bay, east shore	63M002	A15137-010	13	636690	6098500	312	R1			X				MSDM
MOB950002	Jan Lake, NE Bay, small island	63M02	A15137-010	13	636348	6099574	318	1a	X		X	X	95MOB001	95MOB002	MSDM
MOB950003	Jan Lake, NE Bay,small rocky island	63M02	A15137-010	13	637250	6100300	312	R1			X				MSDM
MOB950004	Gilligan`s Island, NE Bay	63M02	A15137-010	13	635496	6098621	312	R1			X	X			MSDM
MOB950005	Jan Lake, west of NE Bay	63M02	A15137-011	13	632884	6098051	312	Rl			X				ACIV
MOB950006	Jan Lake, west of NE Bay	63M02	A15137-011	13	631772	6096920	321	5c	X		X	X	95MOB003	95MOB004	MSDM
MOB950007	Jan Lake, west of NE Bay	63M02	A20805-184	13	632961	6096621	312	R1			X				MSDM
MOB950008	Jan Lake, NE shore on island	63M02	A20805-184	13	633883	6094195	326	1a/R1	X			X	95MOB005	95MOB006	ACIV
MOB950009	Small bedrock island, Jan Lake	63L15	A20805184	13	634083	6093650	312	R1			X				ACIV
MOB950010	Jan Lake, NE Busteed island	63L15	A20805-184	13	635641	6092240	312	R1			X				MSDM
MOB950011	Jan Lake, NE shore, small island	63L15	A20805-184	13	636344	6091303	314	R1			X				MSDM
MOB950012	Jan Lake west shore	63L15	A20805-184	13	637534	6089838	315	5b	X		X	X	95MOB007	95MOB008	MSDM
MOB950013	Jan Lake, small island Bay north	63L15	A20764-034	13	639268	6089516	312	1a			X				GNSS
MOB950014	Jan Lake, Doupe Bay, in front of fire break line	63L15	A20764-034	13	639352	6086280	312	R1			X				GNSS
MOB950015	Jan Lake west shore N of Wilkin Bay	63L15	A20805-018	13	630340	6095273	312	R1			X				MSDM
MOB950016	Jan Lake Wilkin Bay west part	63L15	A20805-183	13	628783	6092318	312	R1			X				GNSS
MOB950017	Jan Lake Wilkin Bay south side	63L15	A20805-183	13	630084	6091687	318	5a	X			X	95MOB009	95MOB010	GNSS
MOB950018	Jan Lake Wilkin Bay east side	63L15	A20805-183	13	630454	6091649	312	5a			X				GNSS
MOB950019	Jan Lake west shore east of WIlkin bay	63L15	A20805-183	13	631653	6092824	312	5a			X				MSDM
MOB950020	Jan lake west of Bustread island west shore	63L15	A20764-036	13	631131	6088572	312	1a			X				GNSS
MOB950021	Jan lake west shore	63L15	A20764-036	13	630620	6087411	312	5a			X				GNSS
MOB950022	Jan lake point NE of Harper Bay	63L15	A20764-036	13	629705	6085409	325	1a	X			X	95MOB011	95MOB012	GNSS
MOB950023	Jan lake small rocky island west part	63L15	A20764-036	13	628834	6082347	312	R1			X				MSDM
MOB950024	Jan lake south shore	63L15	A20764-036	13	631811	6082581	312	5a			X				GNSS
MOB950025	Jan lake south shore in small bay	63L15	A20764-036	13	633746	6082462	312	5a			X	X		95MOB013	MSDM
MOB950026	Jan lake south shore	63L15	A20764-036	13	633337	6083469	315	1a	X		X	X	95MOB014	95MOB015	GNSS
MOB950027	Jan lake south shore	63L15	A20764-036	13	634905	6084973	312	R1			X				MSDM
MOB950028	Jan lake wesr of Doupe bay	63L15	A20764-036	13	636679	6086692	312	5a			X				GNSS

Appendix I: Site Location and Description

Site Number	Site Name	Location					Elevation (m)	Map Unit	Strati-graphy	Photo	Ice Flow	Sample	Till/Diamicton Sample #	Humus Sample #	Underlying Bedrock
		NTS	Airphoto #	Zone	Easting	Northing									
MOB950029A	Jan lake wesr of Doupe bay south shore	63L15	A20764-035	13	638362	6085485	312	5a			X				MSDM
MOB950029B	Small pit south of HWY 106 south of road to Granite lake	63L15	A20805-099	13	660250	6080005	352	4	X						MSDM
MOB950030	HWY 106 south of Granite lake	63L15	A20805-099	13	656928	6079287	340	1a			X				GRNT
MOB950031	HWY 106 southeast of McBride lake	63L15	A20805-097	13	644834	6078229	338	1a			X				GRNT
MOB950032	HWY 106 southeast of McBride lake	63L15	A20805-097	13	644227	6078266	338	1a			X				GRNT
MOB950033	HWY 106 across from Jan lake road near bench mark	63L15	A20805-095	13	642333	6077118	345	1a			X				GRNT
MOB950034	Phaneuf lake road south of Phaneuf lake	63L15	A20805-095	13	640213	6079724	348	1a			X				GRNT
MOB950035	West arm Mari lake	63M01	A15137-054	13	688339	6101944	315	1a	X		X	X	95MOB018	95MOB019	GNSS
MOB950036	Wildnest lake Schmidt bay	63M01	A15137-051	13	672507	6101531	341	4	X			X	95MOB0020, 0021		MVCC
MOB950037	Kakinagimak lake east bay	63M01	A15137-057	13	672048	6110862	326	1a	X			X	95MOB0022	95MOB0023	MVCC
MOB950037b	Scott lake	63M01	A15137-051	13	676182	6117037	348	5a	X			X	95MOB024	95MOB025	MVCC
MOB950038	Kakinagimak lake northern shore	63M01	A15137-104	13	671883	6125143	341	1a	X	X		X	95MOB026	95MOB027	MSDM
MOB950039	Lapointe lake	63M01	A15137-107	13	685129	6122932	326	1a	X			X	95MOB028	95MOB029	MSDM
MOB950040	Belches lake southland	63M02	A15137-102	13	658728	6121993	345	1a	X		X	X	95MOB030	95MOB031	GRNT
MOB950041	Attitti lake west shore	63M01	A15137-059	13	661254	6114547	343	3	X		X	X		95MOB033	GNSS
MOB950042	Sorenson lake SW shore	63M02	A15137-047	13	565767	6103940	345	2a	X			X	95MOB034	95MOB035	MSDM
MOB950043	Church lake north shore	63L15	A20805-093	13	631718	6076437	333	5a	X			X		95MOB037	MSDM
MOB950044	Pasowun lake	63L10	A20745-108	13	630451	6057854	318	1b	X			X	95MOB038	95MOB039	DLMT
MOB950045	Guyater lake SE shore	63L10	A20745-156	13	635600	6055150	315	1b-2b	X			X		95MOB041	DLMT
MOB950046a	HWY 139 NE of Pelican Narrows	63M02	A15137-097	13	640980	6122250	333	R1			X				GNSS
MOB950046b	HWY 139 NE of Pelican Narrows	63M02	A15137-097	13	638500	6121050	330	R1			X				GNSS
MOB950047a	HWY 139 NE of Pelican Narrows	63M02	A15137-097	13	635300	6120600	333	R1			X				GNSS
MOB950047b	HWY 139 SE of Pelican Narrows	63M02	A15137-065	13	635700	6113800	330	1a			X				GRNT
MOB950048	HWY 139 SE of Pelican Narrows	63M02	A15137-043	13	636550	6110550	348	R1			X				GRNT
MOB950049	HWY 139 SE of Pelican Narrows	63M02	A15137-043	13	636050	6106250	394	R1			X				GRNT
MOB950050	HWY 139 NW of Silence of the North	63M02	A15137-043	13	637100	6102700	348	R1			X				GRNT
MOB950051	HWY 139 NW of Silence of the North	63M02	A15137-009	13	641800	6098250	327	R1			X				GRNT
MOB950052	HWY 139 S of Silence of the North	63L15	A15137-009	13	642900	6095300	326	R1			X				GRNT
MOB950053	HWY 139 S of Silence of the North	63L15	A15137-009	13	645150	6092450	326	R1			X				GNSS
MOB950054	HWY 139 NW of Jan lake road	63L15	A20764-033	13	645150	6089700	342	R1			X				GRNT
MOB950055	Jan Lake road	63L15	A20764-035	13	642700	6084000	348	R1			X				GRNT
MOB950056	Jan Lake road east of community	63L15	A20764-035	13	640950	6084500	341	R1			X				GRNT
MOB950057	HWY 139 south of turn out for Jan lake	63L15	A20805-090	13	643250	6081050	348	R1			X				GNSS
MOB950058	Minago River channel, along highway 6	63J03	A24477-89	14	488900	6006550	230	6	X	X		X			DLMT

APPENDIX II. Ice Flow Indicators

LEGEND:

Sense	1 direction known (azimut)
	2 direction unknown
Definition	1 well defined striae, groove, crescentic marks
	2 poorly defined striae, etc.
	3 streamlined landform
	4 roche moutonnee
	5 crag and tail landform
Age	0 no relative age
	1 older
	2 younger
	3 youngest
	4 etc.

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
BOU940001a	14	331357	6063662	200	1	1	0	striae
BOU940002a	14	329855	6064223	202	1	1	0	striae
BOU940002b	14	329855	6064223	196	1	1	0	striae
BOU940003a	14	329693	6064879	195	1	1	1	striae
BOU940003b	14	329693	6064879	201	1	1	2	striae
BOU940004a	14	330219	6065176	195	1	1	0	striae
BOU940004b	14	330219	6065176	200	1	1	0	striae
BOU940004c	14	330219	6065176	210	1	1	0	striae
BOU940005a	14	330937	6066967	210	1	1	0	striae
BOU940006a	14	331169	6067392	200	1	1	2	striae
BOU940006b	14	331169	6067392	220	1	1	1	striae
BOU940006c	14	331169	6067392	195	1	1	1	striae
BOU940007a	14	331560	6068174	200	1	1	0	deep and fine striae
BOU940009a	14	332266	6068986	208	1	1	2	deep striae
BOU940009b	14	332266	6068986	225	1	1	1	deep and fine striae
BOU940010a	14	332238	6069839	205	1	1	0	deep striae
BOU940012a	14	330450	6067925	200	1	2	0	poor striae
BOU940013a	14	330050	6068125	195	1	1	2	deep and well defined striae
BOU940013b	14	330050	6068125	205	1	1	1	deep and fine striae
BOU940017a	14	337139	6050976	198	1	1	0	deep striae
BOU940018a	14	333500	6051727	195	1	1	0	deep striae
BOU940019a	14	332304	6050966	200	1	1	0	fine striae
BOU940020a	14	330055	6051390	201	1	1	0	fine striae
BOU940022a	14	331961	6053361	201	1	1	0	fine striae
BOU940023a	14	338130	6063100	210	1	1	0	deep striae
BOU940025a	14	341107	6062654	206	1	1	0	fine striae
BOU940027a	14	342683	6063124	208	1	1	0	fine striae
BOU940029a	14	341812	6053069	203	1	1	0	striae and roches moutonnées
BOU940031a	14	342661	6053194	195	1	1	0	striae
BOU940032a	14	343656	6052882	205	1	1	0	fine and deep striae
BOU940033a	14	343493	6050753	205	1	1	0	nice fine striae
BOU940033b	14	343493	6050753	210	1	1	0	deep striae
BOU940033c	14	343493	6050753	220	1	1	0	deep striae
BOU940034a	14	344294	6049488	220	1	1	0	nice striae
BOU940034b	14	344294	6049488	214	1	1	0	main, deep striae
BOU940036a	14	340141	6049972	212	1	1	0	main striae
BOU940036b	14	340141	6049972	220	1	1	0	striae
BOU940038a	14	330833	6062098	207	1	1	0	deep striae
BOU940039a	14	330245	6061254	195	1	1	0	fine striae
BOU940040a	14	330113	6060114	200	1	1	0	main striae
BOU940040b	14	330113	6060114	196	1	1	0	nice striae
BOU940040c	14	330113	6060114	214	1	1	0	deep striae
BOU940041a	14	331447	6059321	200	1	1	0	striae
BOU940042a	14	330624	6058424	202	1	1	0	deep striae and grooves
BOU940043a	14	330500	6053199	204	1	1	0	fine striae
BOU940044a	14	329398	6052560	202	1	1	0	main striae
BOU940044b	14	329398	6052560	195	1	1	0	striae
BOU940045a	14	337618	6049783	210	1	1	2	main striae
BOU940045b	14	337618	6049783	220	1	1	0	deep striae
BOU940045c	14	337618	6049783	204	1	1	1	striae
BOU940046a	14	335184	6048107	220	1	1	0	deep and large striae
BOU940046b	14	335184	6048107	212	1	1	0	striae
BOU940048a	14	413596	6055803	220	1	1	0	main striae
BOU940048b	14	413596	6055803	195	1	1	0	nice striae
BOU940049a	14	415859	6055977	225	1	1	0	deep striae
BOU940052a	14	416826	6057845	216	1	1	0	striae
BOU940053a	14	411782	6057477	215	1	1	0	deep and constant striae
BOU940054a	14	415769	6058854	215	1	1	0	deep weathered striae
BOU940057a	14	410997	6055854	216	1	1	2	main, deep and constant striae
BOU940057b	14	410997	6055854	202	1	1	1	deep weathered striae
BOU940059a	14	408412	6054823	225	1	1	2	main, deep and constant striae
BOU940059b	14	408412	6054823	205	1	1	1	good set of deep and constant striae
BOU940061a	14	405297	6056835	208	1	1	3	main fine striae
BOU940061b	14	405297	6056835	192	1	1	2	fine striae
BOU940061c	14	405297	6056835	165	1	1	1	fine striae
BOU940062a	14	405411	6059708	208	1	1	3	main, deep and constant striae
BOU940062b	14	405411	6059708	192	1	1	2	deep striae
BOU940062c	14	405411	6059708	162	1	1	1	deep striae
BOU940065a	14	401561	6063099	202	1	1	0	deep striae and crescentic gouges
BOU940067a	14	399755	6059954	208	1	1	0	main deep striae
BOU940067b	14	399755	6059954	200	1	1	0	deep weathered striae
BOU940070a	14	328147	6060776	195	1	1	0	deep and constant striae
BOU940071a	14	327883	6069388	198	1	1	0	nice deep and constant striae
BOU940072a	14	327495	6069063	170	1	2	0	microstriae
BOU940072b	14	327495	6069063	195	1	1	2	main deep, constant striae
BOU940072c	14	327495	6069063	210	1	1	1	nice deep, constant striae
BOU940074a	14	326364	6068054	198	1	1	0	deep striae
BOU940076a	14	324187	6067333	195	1	1	0	deep striae
BOU940077a	14	323399	6065972	210	1	1	0	striae
BOU940080a	14	322658	6064422	200	1	1	0	deep striae
BOU940081a	14	323358	6063993	202	1	1	0	deep striae

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
BOU940082a	14	324044	6064121	214	1	1	0	striae
BOU940083a	14	325154	6063614	200	1	1	0	fine and deep striae
BOU940084a	14	326395	6063720	200	1	1	0	striae
BOU940086a	14	321872	6064051	194	1	1	0	deep striae
BOU940090a	14	321182	6061108	205	1	1	0	deep striae
BOU940091a	14	321240	6065747	200	1	1	0	nice deep striae
BOU940093a	14	316591	6059806	199	1	1	0	deep striae
BOU940094a	14	315991	6058283	202	1	1	0	weathered striae
BOU940095a	14	317860	6057898	200	1	1	0	weathered and deep striae
BOU940097a	14	325938	6056961	196	1	1	0	deep striae
BOU940099a	14	318800	6059500	195	1	1	0	weathered striae
BOU940100a	14	318436	6061062	196	1	1	0	weathered constant striae
BOU940102a	14	341246	6058936	212	1	1	0	weathered striae
BOU940105a	14	338398	6058047	202	1	1	0	deep striae
BOU940107a	14	316827	6070040	195	1	1	0	deep striae
BOU940108a	14	318950	6063350	190	1	1	0	very deep striae
BOU940111a	14	318134	6066923	193	1	1	0	deep and constant striae
BOU940112a	14	317652	6068304	188	1	1	2	main deep striae
BOU940112b	14	317652	6068304	214	1	1	1	deep striae
BOU940115a	14	321535	6057752	195	1	1	0	weathered striae
BOU940116a	14	321597	6059791	184	1	1	0	main deep striae
BOU940116b	14	321597	6059791	192	1	1	0	some deep striae
BOU940118a	14	322716	6061326	192	1	1	0	deep weathered striae
BOU940121a	14	327102	6067685	198	1	1	0	deep and constant striae
BOU940122a	14	326744	6066275	200	1	1	0	deep striae
BOU940123a	14	336217	6061250	205	1	1	0	weathered striae
BOU940124a	14	334589	6059391	210	1	1	2	main deep and constant striae
BOU940124b	14	334589	6059391	220	1	1	1	deep striae
BOU940126a	14	320942	6068173	186	1	1	0	weathered constant striae
BOU940127a	14	321878	6069188	196	1	1	0	deep and constant striae
BOU940129a	14	322277	6067501	196	1	1	0	deep and constant striae
BOU940133a	14	317892	6070244	190	1	1	0	weathered striae
BOU940134a	14	319791	6069828	194	1	1	0	weathered striae
EAC780007	13	642825	6095525	200	1	1	0	striae
EAC780008	13	644700	6087500	200	1	1	0	striae
EAC780009	13	656000	6079500	205	1	1	0	striae
EAC780010	13	634000	6084900	220	1	1	0	striae
EAC780011	13	642600	6077250	202	1	1	0	striae
EAC780012	13	636400	6061900	195	1	1	0	striae
EAC780080	13	631375	6117300	205	1	1	0	striae
EAC780081	13	631000	6116775	195	1	1	0	striae
GOB89001	14	348413	6098843	189	1	1	0	striae
GOB89002	14	346822	6098875	193	1	1	0	striae
GOB89003	14	343425	6098851	204	1	1	0	striae
GOB89005a	14	342606	6102477	232	1	1	0	striae
GOB89005b	14	342606	6102477	205	1	1	0	striae
GOB89010	14	343998	6105836	210	1	1	0	striae
GOB89012	14	344427	6107558	215	1	1	0	striae
GOB89013	14	344347	6108424	213	1	1	0	striae
GOB89016	14	346722	6114202	209	1	1	0	striae
GOB89017	14	342770	6123611	210	1	1	0	striae
GOB89018	14	347715	6124550	218	1	1	0	striae
GOB89020	14	347663	6102374	208	1	1	0	striae
GOB89021	14	347306	6102678	206	1	1	0	striae
GOB89022	14	347999	6108228	208	1	1	0	striae
GOB89023	14	349926	6113855	202	1	1	0	striae
GOB89024	14	351687	6106480	203	1	1	0	striae
GOB89025	14	350827	6109668	203	1	1	0	striae
GOB89026	14	350910	6111982	208	1	1	0	striae
GOB89027	14	352031	6118390	211	1	1	0	striae
GOB89029	14	358395	6100648	205	1	1	0	striae
GOB89030	14	358190	6101269	213	1	1	0	striae
GOB89031	14	361060	6103287	207	1	1	0	striae
GOB89032	14	360495	6107068	203	1	1	0	striae
GOB89033	14	359986	6114470	208	1	1	0	striae
GOB89034	14	359939	6114895	214	1	1	0	striae
GOB89035	14	355804	6114127	211	1	1	0	striae
GOB89036	14	354895	6114100	205	1	1	0	striae
GOB89037	14	353390	6115567	211	1	1	0	striae
GOB89038	14	358689	6116532	213	1	1	0	striae
GOB89039	14	357659	6116562	214	1	1	0	striae
GOB89040	14	357046	6117365	213	1	1	0	striae
GOB89041	14	362330	6118425	203	1	1	0	striae
GOB89042	14	361008	6118707	211	1	1	0	striae
GOB89043	14	361824	6119732	211	1	1	0	striae
JEC920001a	13	632175	6117650	200	1	1	0	striae
JEC920003a	13	633375	6118875	201	1	1	0	grooves
JEC920003b	13	633375	6118875	220	1	4	0	roches moutonnées
JEC920005a	13	633450	6120900	200	1	4	1	roches moutonnées, grooves
JEC920005b	13	633450	6120900	226	1	2	2	faint striae
JEC920006a	13	633900	6121175	189	1	1	0	striae,grooves

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC920008a	13	637200	6120925	200	1	1	0	grooves
JEC920010a	13	641315	6122775	198	1	1	0	striae
JEC920013a	13	633500	6116400	206	1	2	0	fine, faint striae
JEC920015a	13	634600	6114150	236	1	2	0	striae,grooves
JEC920016a	13	636475	6111535	190	1	2	1	striae
JEC920016b	13	636475	6111535	164	2	2	2	striae
JEC920017a	13	637225	6108340	208	1	4	0	roches moutonnées
JEC920017b	13	637225	6108340	200	1	1	0	striae
JEC920018a	13	636775	6107320	214	1	1	0	striae
JEC920022a	13	638150	6101150	206	1	4	0	roches moutonnées
JEC920024a	13	642475	6097775	202	1	1	1	striae
JEC920024b	13	642475	6097775	213	1	2	2	faint striae
JEC920029a	13	644620	6093050	206	1	1	0	striae,grooves
JEC920030a	13	645225	6091670	206	1	1	0	striae
JEC920032a	13	644400	6087475	204	1	1	1	striae
JEC920032b	13	644400	6087475	250	1	2	2	faint striae
JEC920035a	13	643160	6080925	232	1	2	1	striae
JEC920035b	13	643160	6080925	200	1	1	2	striae
JEC920035c	13	643160	6080925	223	2	2	0	striae
JEC920036a	13	643125	6082450	202	1	1	2	striae
JEC920036b	13	643125	6082450	220	1	2	1	striae
JEC920036c	13	643125	6082450	178	1	2	0	striae
JEC920037a	13	640850	6084650	200	1	2	0	striae
JEC920038a	13	640980	6076610	200	1	1	1	striae
JEC920038b	13	640980	6076610	206	2	2	2	striae
JEC920040a	13	640230	6078260	202	1	2	0	faint striae
JEC920041a	13	640175	6079050	204	1	2	0	striae
JEC920041b	13	640175	6079050	199	1	2	0	striae
JEC920043a	13	637725	6074425	204	1	1	0	striae
JEC920045a	13	639175	6075730	198	1	2	0	striae
JEC920047a	13	632450	6066625	207	1	4	0	roches moutonnées
JEC920047b	13	632450	6066625	195	1	2	0	striae,grooves
JEC920048a	13	634000	6065325	196	1	1	0	striae
JEC920050a	13	635840	6062900	194	1	1	0	striae
JEC920051a	13	634020	6064020	192	1	1	0	striae
JEC920052a	13	643865	6078050	192	1	2	0	striae
JEC920054a	13	645925	6077950	194	1	1	0	striae
JEC920054b	13	645925	6077950	140	2	2	0	faint striae
JEC920055a	13	655375	6076825	199	1	4	0	roches moutonnées
JEC920056a	13	655330	6079525	209	1	1	0	striae
JEC920059a	13	659375	6080830	202	1	2	0	striae
JEC920062a	13	651690	6077300	196	1	2	0	grooves
JEC920062b	13	651690	6077300	202	1	4	0	roches moutonnées
JEC920065a	13	659550	6079650	208	1	2	0	striae
JEC920066a	13	657575	6079090	206	1	4	0	roches moutonnées
JEC920067a	13	649960	6076440	198	1	1	0	striae
JEC920068a	13	648775	6076600	198	1	2	0	striae,grooves
JEC920070a	13	687500	6040320	210	1	1	0	striae
JEC920071a	13	683590	6036125	219	1	1	0	grooves, chatter marks
JEC920071b	13	683590	6036125	234	2	2	0	grooves, faint
JEC920071c	13	683590	6036125	134	2	2	0	grooves, faint
JEC922000a	14	314175	6070150	202	1	1	0	striae
JEC922001a	14	311175	6063450	198	1	4	0	roches moutonnées
JEC922001b	14	311175	6063450	203	1	2	0	striae, poor
JEC922003a	14	315550	6068665	214	1	1	1	striae
JEC922003b	14	315550	6068665	206	1	1	2	striae
JEC922004a	14	307710	6056595	210	1	1	0	striae
JEC922004b	14	307710	6056595	220	2	2	0	striae (only one)
JEC922007a	14	306580	6052440	208	1	1	0	striae
JEC922007b	14	306580	6052440	200	1	2	0	striae
JEC922007c	14	306580	6052440	198	1	2	0	striae
JEC922008a	14	306275	6054000	200	1	1	0	striae
JEC922009a	13	693775	6054150	204	1	1	1	striae
JEC922009b	13	693775	6054150	196	1	1	2	striae
JEC922010a	14	306580	6052440	202	1	1	1	striae
JEC922010b	14	306580	6052440	196	1	4	2	striae (one only)
JEC922012a	13	692525	6056525	196	1	2	0	grooves
JEC922014a	13	692825	6052000	204	1	1	1	striae
JEC922014b	13	692825	6052000	190	1	2	2	striae
JEC922016a	13	692180	6049760	201	1	1	0	striae
JEC922021a	13	691225	6047440	206	1	2	0	grooves
JEC922022a	13	690300	6046300	224	1	4	0	grooves
JEC922026a	13	686600	6043075	220	1	1	0	striae
JEC922027a	13	685250	6045050	190	1	1	2	dominant on outcrop, all preserved
JEC922027b	13	685250	6045050	220	2	1	1	deep grooves, cut by 190 striae; striae locally
JEC922027c	13	685250	6045050	135	2	1	3	fine, very local, appear youngest
JEC922029a	13	685260	6051625	192	1	1	0	striae
JEC922029b	13	685260	6051625	198	1	1	0	striae
JEC922030a	13	686710	6053940	193	1	1	0	striae, grooves

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC922032a	14	311200	6049525	129	2	2	0	striae
JEC922039a	13	686000	6054725	225	1	2	1	striae
JEC922039b	13	686000	6054725	206	1	1	2	striae
JEC922040a	13	684800	6053375	205	1	1	2	striae
JEC922040b	13	684800	6053375	195	1	2	3	striae
JEC922040c	13	684800	6053375	220	1	2	1	striae
JEC922041a	13	680025	6049500	190	1	1	0	striae, grooves
JEC922042a	13	639800	6090130	190	1	1	0	striae
JEC922042a	13	677650	6048900	201	1	1	0	striae
JEC922043a	13	684425	6055400	203	1	1	0	striae
JEC922048a	13	681575	6057925	195	1	1	0	grooves
JEC922049a	13	681225	6057825	198	1	1	2	striae
JEC922049b	13	681225	6057825	178	2	1	1	striae
JEC922049c	13	681225	6057825	220	1	1	3	striae
JEC922050a	13	680750	6055725	179	2	1	1	striae
JEC922050b	13	680750	6055725	201	1	1	0	grooves
JEC922050c	13	680750	6055725	189	1	1	2	grooves
JEC922051a	13	679575	6047800	200	1	1	0	striae
JEC922052a	13	679250	6049425	208	1	1	0	striae
JEC922053a	13	679525	6050075	200	1	1	0	striae, roches moutonnées
JEC922054a	13	677300	6056200	180	1	1	2	striae, chatter marks
JEC922054b	13	677300	6056200	197	1	1	1	striae
JEC922055a	13	677775	6056375	198	1	1	0	striae
JEC922056a	13	678950	6055150	200	1	1	0	striae
JEC922057a	13	672675	6059525	203	1	1	2	striae
JEC922057b	13	672675	6059525	220	1	1	1	striae
JEC922057c	13	672675	6059525	196	1	1	2	striae
JEC922058a	13	686050	6059375	190	1	1	0	striae
JEC922059a	13	687600	6058200	198	1	1	0	striae
JEC922061a	13	683725	6059225	212	1	1	2	striae
JEC922061b	13	683725	6059225	275	2	2	1	striae
JEC922061c	13	683725	6059225	192	1	1	2	grooves, striae
JEC922062a	13	684400	6061725	192	1	1	0	striae
JEC922062b	13	684400	6061725	194	1	1	0	striae
JEC922065a	13	685775	6063550	206	1	2	3	striae
JEC922065b	13	685775	6063550	232	2	2	1	striae
JEC922065c	13	685775	6063550	194	1	1	2	striae
JEC922066a	13	685550	6064950	194	1	1	0	striae
JEC922067a	13	691200	6064900	205	1	2	0	grooves, faint
JEC922068a	14	315100	6069560	222	1	2	3	striae
JEC922068b	14	315100	6069560	234	1	2	1	fine striae
JEC922068c	14	315100	6069560	206	1	1	2	striae, grooves
JEC922071a	14	308570	6054825	198	1	2	0	striae
JEC922074a	13	685225	6068680	192	1	1	0	striae, grooves
JEC922075a	13	684490	6066000	195	1	1	0	striae
JEC922077a	13	680340	6069210	192	1	1	0	striae
JEC922078a	13	679400	6070775	192	1	1	0	striae
JEC922079a	13	677805	6070455	220	1	1	0	striae
JEC922079b	13	677805	6070455	232	1	2	1	striae
JEC922079c	13	677805	6070455	208	1	1	2	striae
JEC922081a	13	678675	6067900	198	1	1	2	striae
JEC922081b	13	678675	6067900	177	1	2	1	striae
JEC922083a	13	677625	6067105	196	1	1	0	striae
JEC922084a	13	676050	6067860	196	1	1	0	striae
JEC922087a	13	674545	6066125	218	1	2	1	striae
JEC922087b	13	674545	6066125	196	1	1	2	striae
JEC922088a	13	674025	6064950	198	1	1	0	striae
JEC922089a	13	676400	6064050	193	1	1	0	striae
JEC922091a	13	673625	6062475	196	1	1	0	striae
JEC922092a	13	675500	6061475	200	1	2	0	striae
JEC922093a	13	672330	6061150	195	1	1	0	striae
JEC922094a	13	672265	6055000	187	1	1	0	striae
JEC922095a	13	672270	6054750	187	1	1	0	striae
JEC922096a	13	672060	6058275	193	1	1	0	striae
JEC922097a	13	674335	6060785	196	1	2	0	striae
JEC922100a	13	675360	6057050	190	1	2	0	striae
JEC922102a	13	676475	6056630	192	1	2	0	striae, grooves
JEC922104a	13	677900	6060885	180	1	1	0	striae
JEC922105a	13	679075	6059850	200	1	1	0	striae
JEC922107a	13	682710	6059225	200	1	1	0	striae
JEC922107b	13	682710	6059225	206	1	1	0	striae
JEC922110a	13	689530	6053650	198	1	2	0	faint striae
JEC922111a	13	690225	6051700	201	1	2	0	striae, top
JEC922112a	13	689450	6061525	210	1	1	0	striae, side
JEC922112b	13	689450	6061525	205	1	1	0	striae
JEC922113a	13	689135	6061985	198	1	1	0	striae
JEC922114a	13	689290	6063350	195	1	1	0	striae
JEC922115a	13	690025	6063000	204	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC922116a	13	690410	6063820	220	1	1	0	striae
JEC922116b	13	690410	6063820	205	1	1	0	striae
JEC922117a	13	692600	6065720	208	1	1	0	striae
JEC922118a	13	693150	6066525	212	1	1	0	striae
JEC922119a	14	308900	6068225	204	1	1	0	striae
JEC922120a	14	309675	6068450	198	1	1	0	striae
JEC922121a	13	692775	6066775	208	1	1	0	striae
JEC922122a	14	311600	6069560	206	1	1	0	striae
JEC922123a	14	312280	6069300	206	1	1	0	striae
JEC922124a	13	691200	6064125	210	1	1	0	striae
JEC922125a	13	691750	6062190	194	1	1	0	striae
JEC922125b	13	691750	6062190	194	1	1	0	striae
JEC922126a	13	692850	6059600	210	1	4	0	striae
JEC922127a	14	314550	6070225	198	1	1	0	striae
JEC922128a	14	313420	6068250	202	1	1	0	striae
JEC922129a	14	313410	6067425	200	1	1	0	striae
JEC922130a	14	313290	6066560	198	1	1	0	striae
JEC922131a	14	312100	6064340	206	1	1	0	striae
JEC922132a	14	311900	6063580	198	1	1	0	striae
JEC922133a	14	310245	6063080	206	1	1	0	striae
JEC922134a	14	309725	6062350	203	1	1	0	striae
JEC922135a	14	312325	6061490	209	1	1	0	striae
JEC922136a	14	312640	6061000	216	1	2	0	striae
JEC922136b	14	312640	6061000	206	1	1	0	striae
JEC922137a	14	313770	6059950	210	1	1	0	striae
JEC922138a	14	307600	6068425	204	1	1	0	striae
JEC922139a	13	692750	6069750	204	1	1	0	striae
JEC922140a	13	690475	6070575	204	1	1	0	striae
JEC922141a	13	689250	6062925	200	1	1	0	striae
JEC922141b	13	689250	6062925	180	1	1	0	striae
JEC922142a	14	315060	6065600	204	1	1	0	striae
JEC922143a	14	315200	6068080	204	1	1	0	striae
JEC922144a	14	314840	6067125	202	1	1	0	striae
JEC922145a	14	313970	6064585	202	1	1	0	striae
JEC922146a	14	313350	6069975	202	1	1	0	striae
JEC922147a	14	308520	6069290	206	1	1	0	striae
JEC922148a	14	316320	6067675	204	1	1	0	striae
JEC922149a	13	685750	6070175	179	2	1	0	striae
JEC922149b	13	685750	6070175	190	1	1	0	striae
JEC922150a	13	686375	6070250	192	1	1	0	striae
JEC922151a	13	686960	6069725	204	1	1	0	striae
JEC922152a	13	686625	6068350	216	1	1	0	striae
JEC922152b	13	686625	6068350	198	1	1	0	striae
JEC922153a	13	685725	6069310	200	1	1	0	striae
JEC922154a	13	686690	6066080	194	1	1	0	striae
JEC922155a	14	309865	6066250	236	2	2	0	striae
JEC922155b	14	309865	6066250	202	1	1	0	striae
JEC922156a	13	693350	6062850	194	1	1	0	striae
JEC922157a	14	310310	6066615	202	1	1	0	striae
JEC922158a	14	310980	6063230	213	1	1	0	Byers et al, 1965
JEC922159a	14	309880	6060380	202	1	1	0	Byers et al, 1965
JEC922160a	14	308680	6057900	200	1	1	0	Byers et al, 1965
JEC922161a	14	314020	6058360	208	1	1	0	Byers et al, 1965
JEC922162a	14	316000	6059310	206	1	1	0	Byers et al, 1965
JEC922163a	14	313800	6062750	208	1	1	0	striae
JEC922164a	13	692930	6064570	210	1	1	0	striae
JEC922165a	14	307435	6065725	214	1	1	0	striae
JEC922166a	14	308230	6065350	210	1	1	0	striae
JEC922167a	14	312260	6068290	204	1	1	0	striae
JEC922168a	14	311940	6067975	202	1	1	0	striae
JEC922169a	13	690025	6058770	202	1	2	0	striae
JEC922170a	14	314525	6070700	217	1	1	0	striae
JEC922170b	14	314525	6070700	197	1	1	0	striae
JEC922170c	14	314525	6070700	230	2	2	0	Byers et al, 1965
JEC922171a	14	306550	6058400	214	1	1	0	Byers et al, 1965
JEC922172a	14	312800	6060000	209	1	1	0	Byers et al, 1965
JEC922173a	14	310120	6062280	203	1	1	0	Byers et al, 1965
JEC922174a	14	309480	6062350	203	1	1	0	Byers et al, 1965
JEC922175a	14	309100	6062150	213	1	1	0	Byers et al, 1965
JEC922176a	14	311600	6063470	214	1	1	0	Byers et al, 1965
JEC922177a	14	312160	6063780	206	1	1	0	Byers et al, 1965
JEC922178a	14	307275	6064275	213	1	1	0	Byers et al, 1965
JEC922179a	14	306850	6067420	213	1	1	0	striae
JEC922180a	14	308460	6067690	208	1	1	0	striae
JEC922181a	13	689840	6066450	199	1	1	0	striae
JEC922182a	13	689150	6064660	202	1	5	0	roches moutonnées (landform); air photo interpretation
JEC922183a	13	663800	6045400	198	2	5	0	crag and tail (landform); air photo interpretation

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC922184a	14	308050	6055175	204	1	5	0	crag and tail (landform); air photo interpretation
JEC922185a	14	308190	6055000	203	1	5	0	roches moutonnées (landform); air photo interpretation
JEC922186a	14	308225	6054250	204	2	5	0	roches moutonnées (landform); air photo interpretation
JEC922187a	14	308575	6053860	204	2	5	0	roches moutonnées (landform); air photo interpretation
JEC922188a	14	310110	6054600	203	2	5	0	roches moutonnées (landform); air photo interpretation
JEC922189a	14	309150	6049800	204	2	5	0	roches moutonnées (landform); air photo interpretation
JEC922190a	14	311390	6051250	206	2	5	0	roches moutonnées (landform); air photo interpretation
JEC922191a	14	311740	6049025	206	1	5	0	roches moutonnées (landform); air photo interpretation
JEC922192a	14	311960	6048550	206	1	5	0	roches moutonnées (landform); air photo interpretation
JEC922193a	13	692010	6047720	197	2	5	0	roches moutonée (landform); air photo interpretation
JEC922194a	13	692300	6047675	197	2	2	0	Byers and Dahlstrom, 1954
JEC922195a	13	671500	6068825	200	1	1	0	Byers and Dahlstrom, 1954
JEC922196a	13	668740	6066960	201	1	1	0	Byers and Dahlstrom, 1954
JEC922197a	13	664900	6078150	216	1	1	0	Byers and Dahlstrom, 1954
JEC922198a	13	666350	6079625	206	1	1	0	Byers and Dahlstrom, 1954
JEC922199a	13	664140	6076690	204	1	1	0	Byers and Dahlstrom, 1954
JEC922200a	13	667275	6074310	213	1	1	0	Byers and Dahlstrom, 1954
JEC922201a	13	667900	6075000	201	1	1	0	Byers and Dahlstrom, 1954
JEC922202a	13	668640	6077600	206	1	1	0	Byers and Dahlstrom, 1954
JEC922203a	13	669460	6077840	211	1	1	0	Byers and Dahlstrom, 1954
JEC922205a	13	685750	6088250	219	1	1	0	Byers and Dahlstrom, 1954
JEC922206a	13	685860	6087100	216	1	1	0	Byers and Dahlstrom, 1954
JEC922207a	13	688850	6089050	214	1	1	0	Byers and Dahlstrom, 1954
JEC922208a	13	672100	6076900	207	1	1	0	Byers and Dahlstrom, 1954
JEC922209a	13	676775	6074960	192	1	1	0	Byers and Dahlstrom, 1954
JEC922210a	14	312370	6078960	186	1	1	0	Byers and Dahlstrom, 1954
JEC922211a	14	311640	6080125	214	1	1	0	Byers and Dahlstrom, 1954
JEC922212a	14	314220	6092700	221	1	1	0	Byers and Dahlstrom, 1954
JEC922213a	14	313110	6089500	206	1	1	0	Byers and Dahlstrom, 1954
JEC922214a	14	313040	6089275	230	1	1	0	Byers and Dahlstrom, 1954
JEC922215a	14	313210	6089025	217	1	1	0	Byers and Dahlstrom, 1954
JEC922216a	14	312650	6090700	219	1	1	0	Byers and Dahlstrom, 1954
JEC922217a	14	309540	6088500	220	1	1	0	Byers and Dahlstrom, 1954
JEC930001a	13	638814	6082334	200	1	2	0	striae
JEC930002a	13	638966	6082010	209	1	2	0	striae
JEC930003a	13	638927	6081434	202	1	1	0	striae
JEC930003b	13	638927	6081434	227	1	2	0	striae
JEC930004a	13	636744	6079511	204	1	1	0	striae
JEC930004b	13	636744	6079511	195	1	2	0	striae,faint
JEC930005a	13	637714	6079977	202	1	1	0	striae
JEC930006a	13	638205	6079537	203	1	2	0	striae
JEC930007a	13	644960	6068731	202	1	2	0	striae
JEC930008a	13	645225	6070326	200	1	4	0	roches moutonnées
JEC930009a	13	646400	6072701	200	1	2	0	chatter marks
JEC930010a	13	647000	6074440	195	1	2	0	striae
JEC930013a	13	652913	6063975	193	1	2	0	striae,grooves
JEC930014a	13	652380	6066295	194	1	1	0	striae
JEC930015a	13	652450	6066591	201	1	1	0	striae
JEC930015b	13	652450	6066591	194	1	1	0	striae
JEC930017a	13	652950	6072090	199	1	1	0	striae
JEC930019a	13	655265	6074575	201	1	1	0	striae
JEC930024a	13	637945	6066401	162	2	2	0	striae-faint
JEC930025a	13	637970	6065150	195	1	2	0	striae-faint
JEC930025b	13	637970	6065150	200	1	1	0	striae
JEC930026a	13	638555	6065600	195	1	4	0	roches moutonnées
JEC930027a	13	639880	6065447	177	1	1	0	striae
JEC930027b	13	639880	6065447	186	1	1	0	striae
JEC930027c	13	639880	6065447	162	1	4	0	molded rock
JEC930027d	13	639880	6065447	193	1	1	0	striae
JEC930029a	13	641194	6069534	202	1	1	0	striae
JEC930030a	13	641250	6068203	196	1	1	0	striae, crescentic gouges
JEC930035a	13	642900	6062625	188	1	1	0	striae
JEC930037a	13	638200	6060845	193	1	2	0	faint striae & grooves
JEC930039a	13	659900	6093856	206	1	1	0	large striae
JEC930040a	13	659250	6093420	206	1	1	0	faint striae
JEC930040b	13	659250	6093420	208	1	1	0	striae
JEC930040c	13	659250	6093420	210	1	1	0	striae
JEC930041a	13	658475	6091775	209	1	1	0	striae
JEC930042a	13	658550	6091550	204	1	1	0	grooves
JEC930043a	13	659570	6090320	186	1	1	1	striae
JEC930043b	13	659570	6090320	208	1	1	2	striae
JEC930043c	13	659570	6090320	213	1	1	2	grooves
JEC930047a	13	656775	6084000	156	1	2	0	striae
JEC930047b	13	656775	6084000	207	1	1	0	striae
JEC930048a	13	658130	6083575	210	1	1	0	crescentic gouges
JEC930052a	13	676597	6039653	201	1	1	0	striae, grooves
JEC930053a	13	676750	6038665	197	1	2	0	roches moutonnées
JEC930057a	13	679770	6034840	230	1	1	1	striae
JEC930057b	13	679770	6034840	209	1	1	2	striae,very faint

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC930058a	13	681560	6038525	224	1	1	0	striae,faint
JEC930063a	13	691300	6037425	213	1	2	0	striae(one)
JEC930066a	13	689377	6034316	217	1	1	0	crescentic marks
JEC930066b	13	689377	6034316	238	1	2	0	striae,grooves
JEC930067a	13	688592	6035031	214	1	1	0	grooves,crescentic gouges
JEC930067b	13	688592	6035031	235	1	2	0	crescentic gouges
JEC930067c	13	688592	6035031	145	2	1	0	large striae/grooves
JEC933001a	13	662155	6051728	189	1	1	0	large striae/grooves
JEC933006a	13	668080	6045360	220	1	1	1	large striae/grooves
JEC933006b	13	668080	6045360	198	1	1	2	striae, grooves, chatter marks
JEC933007a	13	671680	6050780	198	1	1	0	striae, grooves
JEC933008a	13	670940	6049610	198	1	1	1	striae, grooves
JEC933008b	13	670940	6049610	215	1	1	2	striae - fine
JEC933008c	13	670940	6049610	210	1	1	2	fine striae
JEC933009a	13	671000	6047850	201	1	2	0	very faint striae
JEC933010a	13	670560	6049075	201	1	1	1	striae
JEC933010b	13	670560	6049075	215	1	1	2	striae
JEC933015a	13	672515	6047650	197	1	1	1	striae
JEC933015b	13	672515	6047650	201	1	1	1	striae
JEC933015c	13	672515	6047650	213	1	2	2	faint striae
JEC933018a	13	687925	6059825	198	1	2	0	faint grooves
JEC933019a	13	685500	6047070	165	2	1	0	chatter marks/ crescentic marks
JEC933021a	13	669997	6066623	202	1	1	0	microstriae
JEC933021b	13	669997	6066623	214	1	1	0	striae
JEC933023a	13	664771	6065074	203	1	2	0	grooves, chatter marks
JEC933026a	13	679930	6064545	196	1	2	1	microstriae
JEC933026b	13	679930	6064545	211	1	2	2	striae and microstriae
JEC933028a	13	663753	6059788	196	1	1	1	microstriae
JEC933028b	13	663753	6059788	202	1	1	1	microstriae
JEC933028c	13	663753	6059788	136	1	2	0	microstriae
JEC933031a	14	312600	6052110	213	1	1	0	small grooves/large striae
JEC933036a	14	315760	6052950	199	1	1	0	grooves
JEC933036b	14	315760	6052950	194	1	1	0	grooves
JEC933036c	14	315760	6052950	204	1	1	0	grooves
JEC933037a	13	688760	6059875	196	1	1	1	striae, deep grooves
JEC933037b	13	688760	6059875	216	1	1	2	
JEC933038a	13	688600	6056590	195	1	1	1	grooves, striae
JEC933038b	13	688600	6056590	218	1	1	2	striae
JEC933038c	13	688600	6056590	230	1	1	0	striae on flat surface
JEC933039a	13	686425	6053690	199	1	1	0	striae, grooves
JEC940002a	13	629980	6117250	203	1	1	0	striae
JEC940002b	13	629980	6117250	200	1	2	0	s-forms
JEC940003a	13	628345	6118140	184	1	1	0	striae
JEC940003b	13	628345	6118140	194	1	1	0	striae
JEC940003c	13	628345	6118140	200	1	2	0	striae
JEC940004a	13	629020	6119415	224	1	1	0	fine striae
JEC940004b	13	629020	6119415	197	1	1	0	fine striae
JEC940005a	13	628825	6119465	199	1	2	0	faint striae and grooves
JEC940006a	13	627500	6115910	202	1	1	0	striae
JEC940007a	13	627985	6115065	210	1	2	0	lg faint striae
JEC940007b	13	627985	6115065	200	1	2	0	small chattermarks
JEC940007c	13	627985	6115065	212	1	2	0	striae
JEC940012a	13	628250	6109180	214	1	1	0	grooves
JEC940014a	13	631985	6112420	205	1	2	0	faint striae
JEC940014b	13	631985	6112420	200	1	2	0	faint striae
JEC940015a	13	639710	6113200	180	1	1	0	striae
JEC940016a	13	640960	6116365	198	1	1	0	striae, chattermarks
JEC940016b	13	640960	6116365	203	1	1	0	striae
JEC940017a	13	638875	6117080	197	1	2	0	grooves
JEC940017b	13	638875	6117080	190	1	2	0	grooves
JEC940017c	13	638875	6117080	183	1	2	0	grooves
JEC940020a	13	637075	6117925	198	1	1	0	grooves
JEC940020b	13	637075	6117925	200	1	1	0	grooves
JEC940022a	13	641150	6111325	168	1	1	0	small grooves
JEC940022b	13	641150	6111325	180	1	1	0	grooves
JEC940023a	13	643155	6109665	180	1	1	0	striae
JEC940023b	13	643155	6109665	190	1	1	0	lg grooves, striae, chattermarks
JEC940024a	13	643550	6107215	180	1	1	2	striae, chattermarks
JEC940024b	13	643550	6107215	130	1	1	1	striae
JEC940026a	13	644175	6105910	184	1	1	0	striae
JEC940027a	13	645110	6105885	180	1	1	0	striae
JEC940029a	13	639000	6109250	182	1	1	0	striae
JEC940029b	13	639000	6109250	178	1	1	0	striae
JEC940031a	13	641840	6101075	202	1	1	0	striae
JEC940031b	13	641840	6101075	198	1	1	0	chattermarks
JEC940037a	13	646390	6098900	174	1	1	0	fine microstriae
JEC940037b	13	646390	6098900	184	1	1	0	striae
JEC940037c	13	646390	6098900	192	1	1	0	grooves
JEC940038a	13	644090	6099950	194	1	1	0	striae, grooves
JEC940040a	13	644960	6096260	194	1	1	0	striae
JEC940040b	13	644960	6096260	220	1	1	0	striae, microstriae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
JEC940040c	13	644960	6096260	204	1	1	0	striae, chattermarks, crescentric gouges
JEC940042a	14	319604	6028863	210	1	1	0	striae
JEC940043a	14	305566	6016099	210	1	2	0	chatter marks
JEC940054a	13	668563	6033331	225	1	1	0	striae, grooves
JEC940054b	13	668563	6033331	292	2	1	0	striae
JEC940054c	13	668563	6033331	260	2	2	0	striae, faint and small
JEC940059a	13	654063	6031582	206	1	1	0	chatter marks
JEC940059b	13	654063	6031582	203	1	2	0	striae, weathered
JEC940060a	13	639291	6030860	245	1	1	0	striae, main
JEC940060b	13	639291	6030860	204	1	1	0	striae
JEC940065a	13	679205	6031137	230	1	1	0	small striae
JEC940065b	13	679205	6031137	238	1	1	0	small striae
KDA860001a	14	341478	6082713	208	1	1	0	striae
KDA860001b	14	341478	6082713	140	2	2	0	striae
KDA860002	14	343510	6087328	200	1	1	0	striae
KDA860003	14	342859	6091107	192	1	1	0	striae
KDA860004	14	342855	6091409	197	1	1	0	striae
KDA860005	14	345288	6088931	200	1	1	0	striae
KDA860006a	14	347051	6088776	95	2	2	0	striae
KDA860006b	14	347051	6088776	202	1	1	0	striae
KDA860007	14	348786	6088598	203	1	1	0	striae
KDA860008	14	350873	6089083	205	1	1	0	striae
KDA860009a	14	351659	6089061	200	1	1	0	striae
KDA860009b	14	351659	6089061	173	2	1	0	striae
KDA860010	14	360159	6095378	212	1	1	0	striae
KDA860011	14	360604	6096141	214	1	1	0	striae
KDA860012	14	361807	6096313	217	1	1	0	striae
KDA860013	14	362684	6096359	216	1	1	0	striae
KDA865032a	14	357800	6091950	265	2	2	0	striae
KDA865032b	14	357800	6091950	207	1	1	0	striae
KDA865034	14	355250	6090900	216	1	1	0	striae
KDA865035a	14	352650	6089400	240	1	1	1	striae
KDA865035b	14	352650	6089400	206	1	1	2	striae
KDA865039a	14	360200	6096100	215	1	1	0	striae
KDA865039b	14	360200	6096100	207	1	1	0	striae
KDA865041	14	343500	6088425	203	1	1	0	striae
KDA865042	14	347300	6098200	194	1	1	0	striae
KDA865043	14	348200	6098375	195	1	1	0	striae
KDA865044	14	347800	6101550	200	1	1	0	striae
KDA865045	14	345150	6109325	210	1	1	0	striae
KDA865046	14	344850	6107425	210	1	1	0	striae
KDA865047	14	342875	6102750	207	1	1	0	striae
KDA865048	14	341925	6086100	197	1	1	0	striae
KDA865049a	14	341250	6084750	209	1	1	0	striae
KDA865049b	14	341250	6084750	225	1	1	0	striae
KDA865049c	14	341250	6084750	200	1	1	0	striae
KDA865054	14	331200	6098525	225	1	1	0	striae
KDA865055	14	332500	6098050	225	1	1	0	striae
KDA865078a	14	332070	6098000	196	1	1	0	striae
KDA865078b	14	332070	6098000	225	1	1	0	striae
KDA865080	14	332170	6097960	227	1	1	0	striae
KDA865081	14	333450	6098350	217	1	1	0	striae
KDA865082	14	333780	6098820	222	1	1	0	striae
KDA865083a	14	334400	6099020	185	1	1	1	striae
KDA865083b	14	334400	6099020	220	1	1	2	striae
KDA865085a	14	334550	6099050	212	1	1	0	striae
KDA865085b	14	334550	6099050	185	1	1	0	striae
KDA865087	14	334840	6099130	212	1	1	0	striae
KDA865088	14	335970	6099880	210	1	1	0	striae
KDA865089	14	434830	6081150	200	1	1	0	striae
KDA865090	14	433300	6083700	200	1	1	0	striae
KDA865209	14	393350	6111810	200	1	1	0	striae
KDA865210	14	397830	6123170	209	1	1	0	striae
KDA865221	14	447490	6115420	200	1	2	0	striae
KDA865279	14	362230	6117840	210	1	1	0	striae
KDA865281	14	350980	6119760	211	1	2	0	striae
KDA865282	14	340410	6120200	215	1	1	0	striae
KDA865283	14	328400	6124720	210	1	1	0	striae
KDA865304	14	337300	6100400	210	1	1	0	striae
KDA865305a	14	335500	6101300	240	1	1	0	striae
KDA865305b	14	335500	6101300	216	1	1	0	striae
KDA865307	14	335200	6101550	215	1	1	0	striae
KDA865308a	14	334600	6118300	205	1	1	0	striae
KDA865308b	14	334600	6118300	235	1	1	0	striae
KDA865310	14	334600	6118150	220	1	1	0	striae
KDA865311a	14	334700	6117750	225	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
KDA865311b	14	334700	6117750	210	1	1	0	striae
KDA865313	14	334150	6112950	215	1	1	0	striae
KDA865314	14	333850	6108600	217	1	1	0	striae
KDA865315	14	334600	6106150	215	1	1	0	striae
KDA865316	14	334900	6101900	212	1	1	0	striae
KDA865317	14	340500	6099600	205	1	1	0	striae
KDA865318	14	344900	6108000	212	1	1	0	striae
KDA865319	14	344250	6105300	208	1	1	0	striae
KDA865320	14	343550	6104300	206	1	1	0	striae
KDA865321	14	343300	6104050	210	1	1	0	striae
KDA865322	14	342900	6103050	210	1	1	0	striae
KDA865323	14	346200	6098300	195	1	1	0	striae
KDA865324	14	347050	6098100	200	1	1	0	striae
KDA865325	14	347800	6098300	200	1	1	0	striae
KDA865326	14	428370	6077220	205	1	1	0	striae
KDA865327a	14	429300	6079200	220	1	1	0	striae
KDA865327b	14	429300	6079200	200	1	1	0	striae
KDA865329	14	429500	6079550	200	1	1	0	striae
KDA865330	14	430100	6080650	204	1	1	0	striae
KDA865331	14	433350	6083340	200	1	1	0	striae
KDA865332a	14	434130	6081750	192	1	1	0	striae
KDA865332b	14	434130	6081750	228	1	1	0	striae
KDA865334a	14	437470	6071480	200	1	1	0	striae
KDA865334b	14	437470	6071480	210	1	1	0	striae
KDA900001	14	438625	6055540	220	1	1	0	striae
KDA900002a	14	440556	6055969	270	1	2	1	striae
KDA900002b	14	440556	6055967	145	1	2	2	striae
KDA900002c	14	440556	6055967	210	1	1	3	striae
KDA900002d	14	440556	6055967	250	1	1	4	striae
KDA900002e	14	440556	6055967	170	1	1	5	striae
KDA900002f	14	440556	6055967	310	2	2	6	striae
KDA900003a	14	439990	6056000	220	1	1	1	striae
KDA900003b	14	439990	6056000	250	1	1	2	striae
KDA900003c	14	439990	6056000	160	1	1	3	striae
KDA900003d	14	439990	6056000	310	2	2	4	striae
MOB910001a	14	315169	6072810	192	1	1	0	striae and grooves
MOB910001b	14	315169	6072810	124	2	2	0	poorly defined striae
MOB910002a	14	428964	6075483	200	2	2	0	deep striae
MOB910004a	14	312698	6078810	166	2	1	1	striae
MOB910004b	14	312698	6078810	200	1	1	2	striae and roches moutonnées
MOB910005a	14	312623	6081663	210	1	1	2	striae
MOB910005b	14	312518	6081533	196	1	1	1	striae
MOB910007	14	323964	6081636	210	1	1	0	striae
MOB910008	14	321917	6081541	195	1	1	0	deep striae and grooves
MOB910009a	14	321142	6081965	156	2	2	1	one large grooves
MOB910009b	14	321142	6081965	208	1	1	2	striae and grooves
MOB910012	14	318815	6076970	194	1	1	0	striae
MOB910013a	14	317715	6075337	202	1	1	0	striae, grooves, roches moutonnées
MOB910013b	14	317715	6075337	154	2	1	0	large grooves and striae
MOB910014a	14	317656	6075438	137	1	1	0	deep and fine striae
MOB910014b	14	317656	6075438	180	1	1	0	striae
MOB910014c	14	317656	6075438	156	1	2	0	fine striae
MOB910015	14	317768	6075549	156	1	1	0	striae
MOB910016a	14	317163	6074376	192	1	1	0	large grooves and striae
MOB910016b	14	317163	6074376	136	1	2	0	deep striae - on protected surface
MOB910018a	14	318572	6071956	193	1	1	2	striae and roches moutonnées
MOB910018b	14	318572	6071956	240	2	2	1	striae on protected surface
MOB910019	14	319565	6068111	196	1	1	0	striae and roches moutonnées
MOB910020	14	322050	6064111	198	1	1	0	striae and grooves
MOB910027a	14	345848	6037323	176	2	2	1	old striae
MOB910027b	14	345848	6037323	235	1	1	2	main and deep striae
MOB910027c	14	345848	6037323	120	2	1	3	recent and fine striae
MOB910053	14	437098	6066101	206	1	4	0	roches moutonnees
MOB910055a	14	437150	6060925	204	1	1	1	constant and fine striae
MOB910055b	14	437150	6060925	176	1	1	2	deep striae
MOB910056a	14	437822	6059482	208	1	1	2	main striae
MOB910056b	14	437822	6059482	186	1	1	3	deep and fine striae
MOB910056c	14	437822	6059482	184	1	1	1	large grooves
MOB910057a	14	437768	6058217	212	1	1	2	fine and uniform striae
MOB910057b	14	437768	6058217	178	1	1	1	deep striae
MOB910058a	14	437910	6058120	211	1	1	0	fine and constant striae
MOB910058b	14	437910	6058120	189	1	1	0	fine and deep striae
MOB910058c	14	437910	6058120	220	1	1	0	deep striae
MOB910059a	14	437790	6056703	174	1	2	1	old grooves
MOB910059b	14	437790	6056703	210	1	1	2	fine and constant striae
MOB910066Aa	14	487717	5983803	160	1	1	1	deep and constant striae
MOB910066Ab	14	487717	5983803	234	1	1	2	deep and constant striae
MOB910066Ba	14	487754	5983756	140	2	1	1	deep striae
MOB910066Bb	14	487754	5983756	236	1	1	2	striae and grooves
MOB910074	14	397388	6066478	200	1	1	0	striae
MOB910075	14	399314	6066705	202	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
MOB910076a	14	400143	6066433	184	1	2	1	deep grooves
MOB910076b	14	400143	6066433	196	1	1	2	striae and very deep grooves
MOB910078a	14	436456	6073568	210	1	1	1	grooves, small and large striae
MOB910078b	14	436456	6073568	168	1	1	2	recent fine striae
MOB910078c	14	436456	6073568	273	1	1	3	recent fine striae
MOB910078d	14	436456	6073568	126	2	1	0	fine striae
MOB910080a	14	448392	6051537	140	2	2	1	striae, white and deep
MOB910080b	14	448392	6051537	228	1	1	2	fine striae, constant
MOB910080c	14	448392	6051537	296	1	1	3	fine striae
MOB910080d	14	448392	6051537	144	2	1	0	striae, white and deep
MOB910086a	14	378201	5987466	224	2	1	1	fine striae
MOB910086b	14	378201	5987466	301	2	1	1	deep and fine striae
MOB910086c	14	378201	5987466	252	1	1	2	deep and fine striae
MOB910087a	14	378372	5987602	178	1	1	1	old movement, striae
MOB910087b	14	378372	5987602	314	2	1	2	very fine striae
MOB910087c	14	378372	5987602	255	1	1	3	deep and fine striae
MOB910088	14	379603	5988147	254	1	1	0	striae
MOB910089a	14	380303	5988742	170	2	1	0	fine striae
MOB910089b	14	380303	5988742	257	1	1	0	deep and fine striae
MOB910090	14	382819	5991520	252	1	1	0	striae
MOB910091a	14	394369	6008179	240	1	1	1	striae, crescentic gouges, grooves
MOB910091b	14	394369	6008179	254	1	1	2	striae
MOB910092a	14	392472	6005865	318	2	1	1	deep and fine striae
MOB910092b	14	392472	6005865	244	1	1	1	preserved striae
MOB910092c	14	392472	6005865	255	1	1	2	fine striae
MOB910093a	14	392492	6005615	244	1	1	1	preserved striae on protected surface
MOB910093b	14	392492	6005615	256	1	1	2	striae
MOB910094a	14	392333	6004281	180	2	1	0	fine striae
MOB910094b	14	392333	6004281	298	1	2	0	striae
MOB910094c	14	392333	6004281	248	1	1	1	old striae
MOB910094d	14	392333	6004281	144	2	1	1	striae
MOB910094e	14	392333	6004281	256	1	1	2	striae
MOB910095a	14	392354	6004013	244	1	1	1	large grooves
MOB910095b	14	392354	6004013	144	2	1	1	constant grooves & striae
MOB910095c	14	392354	6004013	180	2	1	0	fine striae
MOB910095d	14	392354	6004013	254	1	1	2	main striae/grooves
MOB910095e	14	392354	6004013	294	2	1	3	fine striae
MOB910098a	14	385662	5996044	224	1	1	1	deep striae
MOB910098b	14	385662	5996044	254	1	1	2	constant striae
MOB910101a	14	434721	5985232	240	1	1	0	striae & grooves
MOB910102a	14	435530	5986421	242	1	1	0	striae
MOB910104a	14	438930	5991121	128	2	1	1	old striae
MOB910104b	14	438930	5991121	241	1	1	2	constant striae
MOB910105a	14	436142	5994371	242	1	1	2	striae & grooves
MOB910106a	14	435580	5994431	245	1	1	0	fine striae & grooves
MOB910107a	14	435177	5994423	255	1	2	1	deep striae
MOB910107b	14	435177	5994423	240	1	1	2	deep and fine striae
MOB910108a	14	434794	5994643	145	2	1	1	deep & fine striae
MOB910108b	14	434794	5994643	220	2	2	0	very deep striae
MOB910108c	14	434794	5994643	242	1	1	2	deep striae
MOB910109a	14	432715	5994964	322	2	2	0	striae
MOB910109b	14	432715	5994964	241	1	1	2	striae & grooves
MOB910109c	14	432715	5994964	253	1	1	1	fine & deep striae
MOB910112a	14	346830	5999801	182	1	1	0	striae & grooves
MOB910112b	14	346830	5999801	128	1	2	0	striae
MOB910112c	14	346830	5999801	260	1	1	0	striae & grooves
MOB910113a	14	343600	6000250	180	1	1	0	striae
MOB910114a	14	346134	6001624	188	1	1	0	constant striae
MOB910114b	14	346134	6001624	255	1	1	0	striae & crescentic gouges
MOB910115Aa	14	346334	6001381	255	1	1	1	crescentic gouges & striae
MOB910115Ab	14	346334	6001381	180	1	1	2	striae & crescentic gouges
MOB910115Ba	14	346426	6000957	183	1	1	0	striae
MOB910115Bb	14	346466	6000967	187	1	1	2	constant & uniform striae
MOB910115Bc	14	346466	6000967	259	1	1	1	striae & grooves
MOB910115Bd	14	346466	6000967	271	1	1	0	striae
MOB910115Ca	14	346563	6000091	187	1	1	0	constant striae
MOB910115Cb	14	346563	6000091	262	1	1	2	constant striae
MOB910116a	14	344005	6005417	278	1	1	1	striae & crescentic gouges
MOB910116b	14	344005	6005417	116	1	1	2	crescentic gouges
MOB910116c	14	344005	6005417	259	1	1	3	striae & crescentic gouges
MOB910116d	14	344005	6005417	212	1	1	4	striae
MOB910116e	14	344005	6005417	195	1	1	5	deep striae
MOB910117a	14	343753	6006163	254	1	1	1	striae & crescentic gouges
MOB910117b	14	343753	6006163	186	1	1	2	striae & crescentic gouges
MOB910119a	14	339293	6007857	188	1	1	0	chatter marks
MOB910120a	14	346943	5999765	132	2	1	1	short & deep striae
MOB910120b	14	346943	5999765	264	1	1	2	old striae & crescentic gouges
MOB910120c	14	346943	5999765	190	1	1	3	constant striae & cresc gouges
MOB910121a	14	347314	5999749	246	1	1	1	very large grooves
MOB910121b	14	347314	5999749	183	1	1	2	striae & crescentic gouges
MOB910122a	14	349555	6000024	185	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
MOB910123a	14	350116	6000399	183	1	1	0	striae
MOB910125a	14	354779	6011559	194	2	2	0	very fine striae
MOB910125b	14	354779	6011559	217	2	2	0	fine striae
MOB910125c	14	354779	6011559	252	2	2	0	grooves
MOB910125d	14	354779	6011559	283	2	2	0	very fine striae
MOB910128a	14	329611	6008348	268	1	1	1	fine & constant striae, chatter mark
MOB910128b	14	329611	6008348	184	1	1	2	deep striae & chatter marks
MOB910128c	14	329611	6008348	227	1	1	0	fine & constant striae
MOB910128d	14	329611	6008348	140	2	1	0	constant & fine
MOB910128e	14	329611	6008348	301	2	2	0	fine striae
MOB910128f	14	329611	6008348	288	2	2	0	deep striae
MOB910129a	14	329538	6007680	178	1	1	0	striae, crescentic gouges, grooves
MOB910130a	14	345461	6031035	217	1	1	0	striae
MOB910131a	14	345484	6030874	210	1	1	0	crescentic gouges
MOB910132a	14	346014	6030767	203	1	1	1	fine striae
MOB910132b	14	346014	6030767	232	1	1	2	striae
MOB910133a	14	345861	6030384	202	1	1	1	fine striae
MOB910133b	14	345861	6030384	234	1	1	2	striae &grooves
MOB910135a	13	690431	6063750	205	1	1	0	striae
MOB910136	13	691240	6064850	205	1	1	0	deep striae & chatter marks
MOB910137a	14	311290	6068429	206	1	1	1	striae & roches moutonnées
MOB910137b	14	311290	6068429	234	1	2	0	grooves
MOB910137c	14	311290	6068429	222	1	1	2	fine striae
MOB910139	14	315662	6100354	224	1	1	0	striae
MOB910140a	14	315629	6101059	225	1	1	2	striae & roches moutonnées
MOB910140b	14	315629	6101059	211	1	2	1	groove
MOB910141	14	315785	6101310	230	1	1	0	fine & deep striae, grooves
MOB910142	14	315636	6101061	226	1	1	0	striae
MOB910143	14	317198	6101171	226	1	1	0	striae
MOB910144	14	317596	6101656	213	1	2	0	grooves
MOB910145	14	317838	6101835	225	1	1	0	striae
MOB910146	14	317705	6103051	220	1	1	0	striae
MOB910147a	14	319270	6101831	224	1	1	0	fine striae
MOB910147b	14	319270	6101831	135	2	2	0	fine striae
MOB910148	14	320034	6101395	224	1	1	0	striae
MOB910149	14	320526	6100411	228	1	1	0	striae
MOB910150	14	320710	6099252	226	1	1	0	deep striae
MOB910151a	14	321635	6098862	219	1	1	1	deep striae
MOB910151b	14	321635	6098862	199	1	1	0	fine striae
MOB910151c	14	321635	6098862	233	1	1	2	fine & deep striae
MOB910152	14	321976	6098665	231	1	1	0	deep striae
MOB910154	14	323026	6097091	237	1	1	0	fine striae
MOB910155a	14	323398	6096975	232	1	1	2	fine striae
MOB910155b	14	323398	6096975	198	1	2	1	preserved striae on protected surface
MOB910156a	14	324443	6097241	219	2	2	0	fine striae
MOB910156b	14	324443	6097241	257	2	2	1	large grooves
MOB910156c	14	324443	6097241	234	1	1	2	fine striae
MOB910157	14	325325	6097551	232	1	1	0	deep striae
MOB910158	14	328381	6097495	233	1	1	0	deep striae
MOB910159	14	347056	6088784	202	1	1	0	striae
MOB910160a	14	357874	6092056	230	1	1	2	deep striae
MOB910160b	14	357874	6092056	202	1	1	2	deep striae
MOB910160c	14	357874	6092056	85	2	2	1	large grooves
MOB910161a	14	357541	6092028	207	1	1	2	deep & constant striae
MOB910161b	14	357541	6092028	276	1	2	1	deep striae
MOB910162a	14	356091	6091572	210	1	1	2	constant striae
MOB910162b	14	356091	6091572	299	2	2	1	preserved striae on protected surface
MOB910163a	14	359931	6094949	205	1	1	0	deep & fine striae
MOB910163b	14	359931	6094949	151	2	1	0	striae
MOB910164	14	367893	6108017	207	1	1	0	striae
MOB910165	14	367009	6099338	200	1	1	0	deep striae, large grooves, roches moutonnées
MOB910167a	14	370025	6099692	186	1	1	1	grooves & roches moutonnées
MOB910167b	14	370025	6099692	194	1	1	2	fine striae
MOB910168	14	370661	6099645	204	1	1	0	grooves
MOB910169	14	371290	6100000	202	1	1	0	striae
MOB910170	14	372582	6100279	202	1	1	0	grooves
MOB910173a	14	370250	6049750	214	1	1	1	very deep grooves
MOB910173b	14	370250	6049750	205	1	1	2	fine striae
MOB910174a	14	369906	6049410	214	1	1	1	deep & fine striae
MOB910174b	14	369906	6049410	238	1	1	1	deep & fine striae
MOB910175a	14	369455	6048750	233	1	1	2	deep striae
MOB910175b	14	369455	6048750	217	1	1	1	fine & deep striae
MOB910175c	14	369455	6048750	252	1	1	3	fine striae
MOB910176a	14	369500	6048000	225	1	1	1	fine striae
MOB910176b	14	369500	6048000	135	1	1	2	fine & deep striae
MOB910176c	14	369500	6048000	168	1	1	3	fine & constant striae
MOB910177a	14	369338	6047436	224	1	1	1	deep & fine striae
MOB910177b	14	369338	6047436	251	1	1	2	very fine striae
MOB910178a	14	369390	6047086	230	1	1	2	striae
MOB910178b	14	369390	6047086	200	1	1	1	striae
MOB910179a	14	369407	6046466	234	1	1	0	crescentic gouges

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
MOB910179b	14	369077	6044589	221	1	1	1	constant striae
MOB910179c	14	369077	6044589	270	1	1	2	fine striae
MOB910180a	14	368628	6042013	250	1	1	0	fine striae
MOB910180b	14	368628	6042013	293	1	1	0	fine striae
MOB910181a	14	367549	6045118	244	1	1	0	constant & deep striae
MOB910182a	14	366200	6044550	250	1	1	0	fine, deep & constant striae
MOB910182b	14	366200	6044550	234	1	1	0	fine striae
MOB910182c	14	366200	6044550	267	1	1	0	fine & deep striae
MOB910182d	14	366200	6044550	314	2	1	0	deep striae
MOB910183a	14	365755	6044400	220	1	2	1	grooves
MOB910183b	14	365755	6044400	246	1	1	2	fine striae
MOB910184a	14	364912	6044083	244	1	1	0	striae
MOB910184b	14	364912	6044083	256	1	1	0	deep striae
MOB910184c	14	364912	6044080	164	2	1	0	fine & deep striae
MOB910185a	14	364040	6043872	262	1	1	0	striae & grooves
MOB910187a	14	360428	6041965	270	1	1	2	fine & constant striae
MOB910188Aa	14	361716	6039964	275	1	2	1	chatter marks
MOB910188Ba	14	361592	6039877	263	1	1	1	fine & constant striae
MOB910189a	14	360000	6040900	250	1	1	1	deep striae
MOB910189b	14	360000	6040900	178	2	1	2	fine & constant striae
MOB910190a	14	360000	6041250	216	1	1	1	v deep striae & crescentic gouges
MOB910190b	14	360000	6041250	260	1	1	2	deep striae & crescentic gouges
MOB910190c	14	360000	6041250	168	1	1	1	deep striae, preserved
MOB910199	13	641932	6075547	200	1	1	0	fine striae & grooves
MOB910200a	13	641290	6075129	200	1	1	0	striae & groove
MOB910201	13	683527	6036024	219	1	1	0	deep striae & groove
MOB910203	13	685375	6045075	190	1	1	0	deep striae & grooves
MOB910205a	13	690253	6045492	288	2	2	0	striae
MOB910205b	13	690253	6045492	190	1	1	2	white striae
MOB910205c	13	690253	6045492	224	1	2	1	crescentic gouges
MOB910206	14	308004	6042540	204	1	1	0	striae & chatter marks
MOB910207a	14	308672	6041145	126	1	1	1	striae & crescentic gouges
MOB910207b	14	308672	6041145	207	1	1	2	fine striae
MOB910208	14	316590	6058300	205	1	1	0	deep striae & grooves
MOB920006a	14	489082	5989525	310	2	1	0	fine + deep striae
MOB920006b	14	489082	5989525	220	1	1	2	fine striae
MOB920006c	14	489082	5989525	200	2	1	2	fine + deep striae
MOB920006d	14	489082	5989525	232	1	1	1	grooves+crescentic gouges
MOB920008a	14	489083	5989755	310	2	1	2	striae
MOB920008b	14	489083	5989755	214	2	1	1	striae+small grooves
MOB920008c	14	489083	5989755	170	2	2	0	striae
MOB920011a	14	489060	5989996	230	1	1	1	grooves and striae
MOB920011b	14	489060	5989996	218	1	1	2	striae
MOB920012a	14	489230	5990273	208	1	1	2	fine striae
MOB920012b	14	489230	5990273	224	1	1	1	grooves + striae
MOB920014a	14	490354	6004083	244	1	1	1	grooves + striae
MOB920014b	14	490354	6004083	230	1	1	2	striae (fine)
MOB920014c	14	490354	6004083	120	2	2	0	striae (fine) ?
MOB920016a	14	488696	6005397	226	1	2	0	crescentic gouges
MOB920018a	14	489067	6006397	232	1	1	0	striae
MOB920033a	14	499427	6060705	249	1	1	1	deep striae
MOB920033b	14	499427	6060705	284	2	1	2	microstriae
MOB920034a	14	499280	6060564	230	1	2	1	grooves
MOB920034b	14	499280	6060564	249	1	1	2	striae,microstriae
MOB920035a	14	496578	6059712	270	2	1	0	microstriae
MOB920036a	14	495832	6059729	260	1	1	0	microstriae
MOB920040a	14	493549	6055649	226	1	1	1	grooves & striae
MOB920040b	14	493549	6055649	254	1	1	2	striae
MOB920043a	14	452837	6045904	270	1	1	1	striae & crescentic gouges
MOB920043b	14	452837	6045904	145	1	1	2	deep & fine striae
MOB920043c	14	452837	6045904	220	1	1	3	deep striae
MOB920043d	14	452837	6045904	240	1	1	4	consistant striae
MOB920043e	14	452837	6045904	314	1	2	5	fine striae
MOB920044a	14	451118	6039268	258	1	1	0	striae
MOB920045a	14	451150	6038600	246	1	1	0	deep striae
MOB920046a	14	451170	6038250	270	1	1	0	deep striae
MOB920047a	14	448548	6035727	258	1	1	2	consistant striae
MOB920047b	14	448548	6035727	228	1	1	1	deep striae
MOB920047c	14	448548	6035727	312	2	1	3	fine & deep striae
MOB920049a	14	446685	6035147	252	2	1	0	striae
MOB920051a	14	448712	6036376	254	1	1	0	striae
MOB920052a	14	447439	6035270	258	1	1	0	striae
MOB920053a	14	447269	6035037	254	1	1	0	striae
MOB920054a	14	446951	6034814	252	1	1	0	striae
MOB920055a	14	445659	6034376	258	1	1	0	striae
MOB920056a	14	446014	6034742	258	1	1	0	striae
MOB920057a	14	447107	6035240	286	1	1	1	striae
MOB920057b	14	447107	6035240	254	1	1	2	striae
MOB920058a	14	447184	6035398	287	1	2	1	striae
MOB920058b	14	447184	6035398	270	1	2	1	striae
MOB920058c	14	447184	6035398	254	1	1	2	consistant striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
MOB920059a	14	451250	6039200	254	1	1	0	striae
MOB920061a	14	452309	6040569	248	1	1	2	consistant striae
MOB920061b	14	452309	6040569	325	2	1	1	deep striae
MOB920061c	14	452309	6040569	285	2	2	3	fine striae
MOB920062a	14	451253	6042018	250	1	1	0	striae
MOB920063a	14	450461	6043899	245	1	1	0	striae
MOB920067a	14	449968	6059640	190	1	1	1	striae
MOB920067b	14	449968	6059640	206	1	1	2	striae
MOB920068a	14	450610	6060985	208	1	1	2	striae
MOB920068b	14	450610	6060985	193	1	1	1	striae
MOB920069a	14	450097	6061738	210	1	1	2	striae
MOB920069b	14	450097	6061738	200	1	1	1	striae
MOB920070a	14	450128	6062887	200	1	1	0	deep & fine striae
MOB920071a	14	449913	6063668	216	1	1	0	striae
MOB920072a	14	449320	6062502	189	1	1	2	striae
MOB920072b	14	449320	6062502	217	1	1	1	striae
MOB920073a	14	448867	6062406	160	1	1	0	striae
MOB920073b	14	448867	6062406	182	1	1	0	striae
MOB920074a	14	447980	6061816	160	1	1	1	striae
MOB920074b	14	447980	6061816	195	1	1	2	striae
MOB920075a	14	447883	6063390	140	2	1	1	striae
MOB920075b	14	447883	6063390	160	1	1	1	striae
MOB920075c	14	447883	6063390	190	1	1	2	striae
MOB920076a	14	449281	6064901	180	1	1	0	striae
MOB920077a	14	449467	6066082	180	1	1	1	striae
MOB920077b	14	449467	6066082	196	1	1	2	striae
MOB920079a	14	448100	6066175	140	2	1	1	striae
MOB920079b	14	448100	6066175	174	1	1	1	striae
MOB920079c	14	448100	6066175	190	1	1	2	main striae
MOB920081a	14	445693	6054996	213	1	1	2	striae
MOB920081b	14	445693	6054996	190	1	1	1	striae
MOB920083a	14	446037	6058892	195	1	1	0	striae
MOB920086a	14	445485	6061627	188	1	1	2	striae
MOB920086b	14	445485	6061627	306	2	1	1	striae
MOB920087a	14	444890	6062065	134	2	1	0	striae
MOB920091a	14	444986	6054376	218	1	1	1	striae
MOB920091b	14	444986	6054376	250	1	2	2	poorly defined striae
MOB920093a	14	435300	6054050	220	1	1	2	consistant striae
MOB920093b	14	435300	6054050	254	1	4	1	roches moutonnées
MOB920093c	14	435300	6054050	207	1	1	2	fine striae
MOB920094a	14	427839	6053403	204	1	1	1	grooves & preserved striae
MOB920094b	14	427839	6053403	224	1	1	2	consistant striae
MOB920094c	14	427839	6053403	270	1	1	0	deep striae
MOB920095a	14	427408	6053204	202	1	1	1	grooves & striae
MOB920095b	14	427408	6053204	224	1	1	2	consistant striae
MOB920096a	14	427112	6053360	224	1	1	1	consistant striae
MOB920096b	14	427112	6053360	242	2	2	2	fairly good striae
MOB920097a	14	426231	6053119	225	1	1	1	consistant striae
MOB920097b	14	426231	6053119	244	1	2	2	fine striae
MOB920098a	14	425041	6052310	231	1	1	2	striae
MOB920098b	14	425041	6052310	202	1	1	1	striae
MOB920098c	14	425041	6052310	178	1	1	1	preserved striae
MOB920099a	14	424796	6052367	222	1	1	0	striae
MOB920100a	14	424695	6052286	227	1	1	0	striae
MOB920101a	14	424732	6051983	230	1	1	0	striae
MOB920102a	14	424098	6051745	230	1	1	0	striae
MOB920105a	14	423117	6051537	218	1	1	1	preserved striae
MOB920105b	14	423117	6051537	232	1	1	2	striae
MOB920107a	14	422047	6051565	206	1	1	1	grooves
MOB920107b	14	422047	6051565	230	1	1	2	consistant striae
MOB920107c	14	422047	6051565	130	1	1	3	fine striae on top
MOB920107d	14	422047	6051565	140	2	2	0	polished surface
MOB920108a	14	421700	6051750	238	1	1	2	striae, consistant
MOB920108b	14	421700	6051750	178	2	2	3	deep & fine striae
MOB920108c	14	421700	6051750	145	2	2	1	polished surface on lee side of "a"
MOB920111a	14	418627	6051628	246	1	2	0	deep striae
MOB920111b	14	418627	6051628	332	2	2	0	striae
MOB920111c	14	418627	6051628	222	1	2	0	crescentic gouges
MOB920112a	14	418023	6051261	338	2	2	2	crescentic gouges
MOB920112b	14	418023	6051261	248	1	1	1	crescentic gouges
MOB920114a	14	449400	6058300	211	1	1	0	striae
MOB920115a	14	449250	6058100	198	1	1	1	crescentic gouges
MOB920115b	14	449250	6058100	207	1	1	2	striae
MOB920116a	14	449400	6057600	196	1	1	0	striae
MOB920117a	14	449150	6057500	209	1	1	2	striae
MOB920117b	14	449150	6057500	198	1	1	1	striae
MOB920120a	14	415268	6050199	207	1	1	1	old crescentic gouges
MOB920120b	14	415268	6050199	234	1	1	2	main striae & grooves

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
MOB920120c	14	415268	6050199	210	2	2	0	fine striae & crescentic gouges
MOB920143a	14	480115	6015181	247	1	1	2	striae & large grooves
MOB920143b	14	480115	6015181	262	1	1	1	large crescentic gouges
MOB920149a	14	498469	6061562	218	1	1	1	grooves
MOB920149b	14	498469	6061562	252	1	1	2	consistant striae
MOB920150a	14	495860	6059870	270	1	1	2	consistant striae
MOB920150b	14	495860	6059870	216	1	1	1	striae & large grooves
MOB920150c	14	495860	6059870	206	1	1	0	striae
MOB920151a	14	490944	6059246	250	1	1	0	fine and deep striae
MOB920152a	14	490062	6063102	236	1	1	0	striae
MOB920153a	14	497967	6063672	210	1	2	0	microstriae
MOB920154a	14	499540	6073933	220	1	4	0	roches moutonnées
MOB920155a	14	496081	6071656	230	1	1	2	consistant striae
MOB920155b	14	496081	6071656	252	1	2	1	deep striae
MOB920156a	14	493684	6072240	230	1	1	0	striae
MOB920157a	14	487991	6072779	204	1	1	0	striae
MOB920159a	14	480098	6083219	202	1	1	0	deep striae
MOB920161a	14	470610	6067063	220	1	4	0	roches moutonnées
MOB920164a	14	492218	6096147	206	1	1	0	consistant striae
MOB920164b	14	492218	6096147	218	1	2	0	striae
MOB920165a	14	496299	6093764	206	1	1	0	striae
MOB920166a	14	499568	6085015	206	1	1	1	microstriae
MOB920166b	14	499568	6085015	270	1	1	2	microstriae
MOB920166c	14	499568	6085015	232	1	2	0	grooves
MOB920167a	14	486888	6120303	204	1	4	0	roches moutonnées
MOB920168a	14	445024	6097313	184	1	1	0	microstriae
MOB920170a	14	445149	6111767	230	1	1	0	microstriae
MOB920171a	14	445239	6118541	196	1	1	0	microstriae
MOB920172a	14	461601	6119604	192	1	1	0	microstriae
MOB920175a	14	474196	6117770	198	1	1	0	grooves & roches moutonnées
MOB920176a	14	471618	6102102	194	1	1	0	deep striae
MOB920177a	14	466963	6096323	192	1	1	0	microstriae
MOB920178a	14	464378	6091224	188	1	1	0	microstriae
MOB920179a	14	457229	6074244	196	1	1	0	deep striae
MOB920181a	14	460605	6055996	207	1	1	0	microstriae
MOB920182a	14	456780	6043730	248	1	1	0	deep striae
MOB920185a	14	447067	6037421	260	1	1	0	consistant striae
MOB920191a	14	406988	6045853	230	1	1	2	consistant striae & gouges
MOB920191b	14	406988	6045853	208	1	1	1	crescentic gouges
MOB920191c	14	406988	6045853	280	2	2	0	striae on protected surface
MOB920198a	14	437250	6068800	198	1	1	0	microstriae
MOB920199a	14	437600	6066450	200	1	1	0	deep striae
MOB920201a	14	437650	6065850	196	1	1	0	striae & grooves
MOB920202a	14	437000	6065850	197	1	1	0	striae
MOB920204a	14	436550	6066000	194	1	4	0	roches moutonnées
MOB920208a	14	436850	6065050	200	1	1	0	deep striae & roches
MOB920213a	14	430632	6081929	204	1	4	0	roches moutonnées
MOB920216a	14	439449	6109142	206	1	1	0	deep striae
MOB920217a	14	456511	6119192	192	1	1	0	microstriae
MOB920218a	14	469484	6114570	192	1	1	0	striae
MOB920220a	14	458353	6095664	196	1	1	0	striae
MOB920221a	14	454887	6099680	170	1	1	1	striae
MOB920221b	14	454887	6099680	198	1	1	2	striae
MOB920224a	14	430494	6081271	192	1	1	0	striae
MOB920225a	14	452900	6067950	184	1	1	1	deep striae
MOB920225b	14	452900	6067950	204	1	1	2	striae
MOB920227a	14	465650	6063550	204	1	1	1	striae & microstriae
MOB920227b	14	465650	6063550	218	1	1	2	grooves, striae, microstriae
MOB920231a	14	467970	6086450	201	1	1	0	striae
MOB920232a	14	449300	6053800	170	1	1	1	large grooves
MOB920232b	14	449300	6053800	220	1	1	2	crescentic gouges
MOB920233a	14	447600	6052375	224	1	1	0	striae & crescentic gouges
MOB930002a	14	435879	5986795	241	1	1	0	striae, fine & deep,+ grooves
MOB930004a	14	439567	5993497	240	1	1	0	deep & fine striae
MOB930006a	14	441190	5996544	240	1	1	0	polished striated surface
MOB930008a	14	443206	5997897	240	1	1	0	fine & deep striae
MOB930009a	14	445768	6000258	242	1	1	0	striae
MOB930011a	14	463731	5989238	236	1	1	0	striae, crescentic gouges
MOB930012a	14	462522	5990889	243	1	1	2	fine striae
MOB930012b	14	462522	5990889	236	1	1	1	deep & fine striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
MOB930012c	14	462522	5990889	287	1	2	0	striae
MOB930013a	14	459992	5994103	240	1	1	1	grooves & striae - main
MOB930013b	14	459992	5994103	222	1	1	2	fine striae protected surface
MOB930014a	14	459622	5995261	236	1	1	0	striae on undulated dolomite
MOB930016a	14	455567	5998968	242	1	1	2	fine & deep striae
MOB930016b	14	455567	5998968	215	1	1	1	large grooves
MOB930017a	14	454339	5997810	244	1	1	0	fine & deep striae
MOB930019a	14	451381	6000949	244	1	1	0	striae
MOB930020a	14	452036	6006016	244	1	1	0	striae-constant
MOB930021a	14	450386	6007798	242	1	1	0	striae, crescentic gouges
MOB930023a	14	395065	6008648	260	1	1	2	fine and deep striae
MOB930023b	14	395065	6008648	248	1	1	1	fine striae on protected surface
MOB930024a	14	395750	6008799	262	1	1	1	main striae
MOB930024b	14	395750	6008799	163	2	2	2	may be iceberg scour
MOB930025a	14	397721	6008826	262	1	1	2	striae and crescentic gouges
MOB930025b	14	397721	6008826	244	1	1	1	crescentic gouges, striae, grooves
MOB930027a	14	392398	6005300	250	1	1	2	striae fine and deep
MOB930027b	14	392398	6005300	230	1	2	1	large grooves
MOB930028a	14	392250	6003887	248	1	1	0	striae, deep and fine
MOB930029a	14	392103	6003509	250	1	1	0	striae, deep and fine
MOB930034a	14	383474	5993119	251	1	1	0	striae
MOB930036a	14	347209	5998235	158	1	2	0	striae
MOB930036b	14	347209	5998235	220	1	2	0	poorly defined striae
MOB930037a	14	345114	5996297	184	1	1	0	fine consistant striae
MOB930037b	14	345114	5996297	265	1	1	0	deep & fine striae 261 to 269
MOB930038a	14	344647	5995933	184	1	1	0	deep striae
MOB930040a	14	346832	5999678	188	1	1	0	striae &crescentic gouges
MOB930042a	14	342275	5998582	187	1	1	0	striae
MOB930043a	14	342206	5998322	187	1	1	0	constant striae
MOB930043b	14	342206	5998322	277	1	2	0	fine, not consistant striae
MOB930044a	14	341964	5998062	184	1	1	2	striae &crescentic gouges
MOB930044b	14	341964	5998062	252	1	1	1	crescentic gouges
MOB930045a	14	341116	5997630	170	1	1	0	striae
MOB930046a	14	347566	6000617	180	1	1	2	fine, constant striae
MOB930046b	14	347566	6000617	264	1	1	1	260-268, crescentic gouges
MOB930047a	14	347617	6001879	182	1	1	2	striae
MOB930047b	14	347617	6001879	257	1	1	1	crescentic gouges
MOB930048a	14	350090	6002408	182	1	1	2	constant main striae
MOB930048b	14	350090	6002408	275	1	1	1	fine striae & polished surface protected
MOB930057a	14	346184	6002067	182	1	1	0	striae fine and deep 178-187
MOB930058a	14	345944	6003674	182	1	1	2	fine and deep striae
MOB930058b	14	345944	6003674	270	1	1	1	fine striae preserved
MOB930059a	14	346022	6006243	182	1	1	2	fine & constant striae
MOB930059b	14	346022	6006243	269	1	1	1	265 to 272
MOB930060b	14	345221	6006385	268	1	1	0	crescentic gouges
MOB930061a	14	342712	6007482	255	1	1	0	250-260striae, crescentic gouges
MOB930061b	14	342712	6007482	115	2	1	0	110-120;crescentic gouges
MOB930064a	14	345154	6011492	264	1	1	0	fine, constant striae at bottom of hole
MOB930064b	14	345154	6011492	270	1	1	0	fine, constant striae at bottom of hole
MOB930065a	14	338164	6007921	198	1	1	0	crescentic gouges
MOB930066a	14	337514	6007886	181	1	1	0	crescentic gouges
MOB930066b	14	337514	6007886	271	1	1	0	crescentic gouges + striae
MOB930066c	14	337514	6007886	134	2	2	0	crescentic gouges
MOB930067a	14	337005	6007851	198	1	1	0	crescentic gouges
MOB930078a	14	339898	6018505	195	1	1	0	193-198, striae & crescentic gouges, main
MOB930078b	14	339898	6018505	240	1	1	0	crescentic gouges
MOB930079a	14	336300	6015875	190	1	1	2	main movement, crescentic gouges & striae
MOB930079b	14	336300	6015875	227	1	1	1	old, deep, crescentic gouges& striae
MOB930079c	14	336300	6015875	160	1	1	1	crescentic gouges
MOB930080a	14	338724	6017077	194	1	1	2	190 to 196;main striae & crescentic gouges
MOB930080b	14	338724	6017077	265	1	1	1	striae,constant
MOB930083a	14	336750	6018700	190	1	1	0	184 to 192;main striae & crescentic gouges
MOB930083b	14	336750	6018700	270	1	1	0	crescentic gouges & fine striae,constant
MOB930083c	14	336750	6018700	220	1	1	0	crescentic gouges,deep striae;224 to 220
MOB930083d	14	336750	6018700	245	1	1	0	240 to 250
MOB930085a	14	329975	6009100	188	1	1	0	constant & main striae
MOB930085b	14	329975	6009100	265	1	1	0	striae & crescentic gouges
MOB930085c	14	329975	6009100	302	2	1	0	striae
MOB930086a	14	329225	6007025	122	1	1	0	fine striae where till has been removed
MOB930089a	14	329850	6015925	272	1	1	2	main
MOB930089b	14	329850	6015925	255	1	1	0	constant, not everywhere, fine
MOB930089c	14	329850	6015925	173	1	1	1	constant, fine, preserved on lee side
MOB930089d	14	329850	6015925	186	1	1	0	constant, fine striae
MOB930091a	14	320325	6018450	209	1	1	0	constant striae
MOB930092a	14	320450	6016700	206	1	1	0	striae &crescentic gouges
MOB930093a	14	320950	6015000	201	1	1	2	main striae, recent
MOB930093b	14	320950	6015000	251	1	1	1	old striae
MOB930093c	14	320950	6015000	294	1	1	1	old striae
MOB930094a	14	323725	6015925	206	1	1	0	constant , main
MOB930094b	14	323725	6015925	166	1	1	0	deep striae
MOB930094c	14	323725	6015925	248	1	1	0	deep striae, some constant at 250

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
MOB930096a	14	320925	6013875	199	1	1	0	198 to 201, constant
MOB930097a	14	319575	6010675	190	1	1	2	main, constant
MOB930097b	14	319575	6010675	270	1	2	1	crescentic gouges
MOB930098a	14	320350	6011775	194	1	1	0	fine and constant striae, below till
MOB930099a	14	321325	6016600	207	1	1	0	main , constant
MOB930099b	14	321325	6016600	253	1	1	0	248 to 258
MOB930099c	14	321325	6016600	310	2	1	0	striae
MOB930100a	14	322350	6016425	207	1	1	0	206 to 209
MOB930104a	14	425935	6008204	252	1	1	3	main, parallel to drumlin,flutings,striae
MOB930104b	14	425935	6008204	215	1	1	2	212 to 217 crescentic gouges,some striae
MOB930104c	14	425935	6008204	146	1	1	1	old movement,mainly deep crescentic gouges
MOB930104d	14	425935	6008204	202	1	2	4	striae,not sure,although very constant
MOB930113a	14	433355	6040607	255	1	1	0	252 to 260,crescentic gouges,striae
MOB930113b	14	433355	6040607	282	1	1	0	282 to 284,crescentic gouges
MOB930114A	14	424332	6046974	205	1	1	0	s
MOB930120a	14	345718	6030000	195	1	1	0	very fine striae, 188 to 195
MOB930121a	14	345535	6029800	140	1	1	1	striae
MOB930121b	14	345535	6029800	232	1	1	2	very well defined striae
MOB930122a	14	345886	6030351	198	1	1	1	fine striae & crescentic gouges, 195 to 201
MOB930122b	14	345886	6030351	230	1	1	2	striae and crescentic gouges-main
MOB930122c	14	345886	6030351	255	1	1	1	protected surface with b, also crescentic gouges
MOB930123a	14	349444	6032704	232	1	1	2	230 to 236, main, striae & crescentic gouges
MOB930123b	14	349444	6032704	312	2	1	1	striae, preserved on some surfaces only
MOB930123c	14	349444	6032704	223	1	1	1	212 to 225, larges grooves
MOB930123d	14	349444	6032704	294	2	2	0	fine striae
MOB930123e	14	349444	6032704	198	1	2	0	striae, old
MOB930127a	14	337350	6040375	218	1	1	2	deep striae, 216 to 220
MOB930127b	14	337350	6040375	255	1	2	1	deep grooves & shape of outcrop
MOB930129a	14	339921	6041126	218	1	1	1	main striae, deep grooves
MOB930129b	14	339921	6041126	234	1	1	2	few deep striae
MOB930129b	14	339921	6041126	234	1	1	2	few deep striae
MOB930132a	14	367003	6049815	220	1	1	2	striae, constant
MOB930132b	14	367003	6049815	216	1	1	1	grooves, deep striae and form of outcrop
MOB930133a	14	363873	6050485	222	1	1	0	main striae and grooves
MOB930137a	14	333850	6009350	162	1	2	0	youngest movement?, fine striae
MOB930137b	14	333850	6009350	256	1	2	0	deeper striae
MOB930144a	14	333175	6040750	209	1	1	1	main deep striae, uniform
MOB930144b	14	333175	6040750	230	1	1	2	fine striae, 226 to 232
MOB930146a	14	339196	6045524	225	1	1	0	large & fine striae
MOB930147a	14	339859	6045808	225	1	1	2	main, deep and fine striae
MOB930147b	14	339859	6045808	208	1	1	1	203 to 208, preserved behind movement a
MOB930147c	14	339859	6045808	268	1	2	0	fine striae, constant
MOB930147d	14	339859	6045808	282	1	2	0	fine striae, constant
MOB930148a	14	340805	6045926	221	1	1	0	large striae
MOB930154a	14	340450	6046257	210	1	1	0	deep striae
MOB930156a	14	342626	6047085	210	1	1	1	deep striae
MOB930156b	14	342626	6047085	230	1	1	2	fine & deep striae
MOB930157a	14	343880	6047345	220	1	1	0	constant striae
MOB930158a	14	345607	6048055	209	1	1	0	striae at bottom of hole and ditch
MOB930159a	14	345962	6047818	212	1	1	1	209-212
MOB930159b	14	345962	6047818	220	1	1	2	fine striae
MOB930160a	14	346459	6046943	223	1	1	1	important, deep & fine striae
MOB930160b	14	346459	6046943	254	1	1	2	246-260, fine & deep striae
MOB930160c	14	346459	6046943	278	1	1	0	deep & fine striae, old movement, 270-280
MOB930161a	14	346530	6044885	220	1	1	0	main,constant
MOB930162a	14	346364	6044034	230	1	1	0	fine,constant striae
MOB930163a	14	345728	6038106	222	1	1	0	striae, constant, main
MOB930163b	14	345728	6038106	227	1	1	0	striae, constant
MOB930164a	14	345801	6037727	220	1	1	1	deep and fine striae
MOB930164b	14	345801	6037727	230	1	1	1	deep and fine striae
MOB930164c	14	345801	6037727	242	1	1	2	fine striae at bottom of hole
MOB930165a	14	345813	6037483	235	1	1	2	main,constant, 230-236
MOB930165b	14	345813	6037483	206	1	1	1	deep striae
MOB930165c	14	345813	6037483	220	1	1	0	constant
MOB930165d	14	345813	6037483	244	1	1	0	constant,fine
MOB930168a	14	347446	6051323	210	1	1	0	deep striae
MOB930170a	14	431487	6033336	254	1	1	0	striae
MOB930170b	14	431487	6033336	242	1	2	0	striae-poor
MOB930170c	14	431487	6033336	230	2	2	0	poor striae
MOB930175a	14	403022	6010425	268	1	1	0	fine striae
MOB930192a	14	356424	6049639	220	1	1	0	microstriae
MOB930196a	14	437100	6065300	178	1	1	1	large groove
MOB930196b	14	437100	6065300	190	1	1	2	190 to 196, groove and deep striae
MOB930196c	14	437100	6065300	240	1	2	3	large striae, only one
MOB940003a	14	345300	6057650	212	1	1	0	fine microstriae
MOB940005a	14	341700	6058450	198	1	1	0	fine and deep striae
MOB940007a	14	329806	6063103	199	1	1	0	fine striae
MOB940007b	14	329806	6063103	208	1	4	0	deep grooves and roches moutonnées
MOB940008a	14	330600	6063450	198	1	1	0	well defined striae
MOB940009a	14	327902	6053304	198	1	1	0	deep striae on roches moutonnées
MOB940010a	14	329000	6054005	204	1	1	0	striae on roches moutonnées

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
MOB940012a	14	331000	6055200	195	1	1	0	striae on roches moutonnées
MOB940015a	14	328950	6057780	193	1	1	0	striae on roches moutonnées
MOB940016a	14	329216	6059163	195	1	1	0	dominant striae
MOB940017a	14	329505	6060160	195	1	1	0	dominant striae on roches moutonnées
MOB940019a	14	322829	6056896	200	1	1	0	nice striae developped on mudstone
MOB940021a	14	324623	6058714	201	1	1	0	striae & roches moutonnées
MOB940022a	14	325814	6060277	197	1	1	0	deep striae & roches moutonnées
MOB940024a	14	324851	6057189	201	1	1	0	striae
MOB940025a	14	328624	6060108	197	1	4	0	roches moutonnées
MOB940026a	14	327207	6052581	200	1	1	0	deep striae
MOB940027a	14	325254	6052253	210	1	1	0	deep striae
MOB940028a	14	324611	6052371	198	1	1	0	deep striae
MOB940030a	14	327616	6054360	195	1	1	0	striae and roches mout
MOB940031a	14	326797	6056433	205	1	1	0	very constant striae
MOB940033a	14	332957	6052582	202	1	1	0	fine striae
MOB940033b	14	332957	6052582	208	1	1	0	striae
MOB940034a	14	333318	6054116	196	1	1	0	fine striae
MOB940037a	14	335062	6057610	198	1	4	0	large grooves and numerous roches moutonnées
MOB940038a	14	337189	6059359	200	1	1	0	deep striae
MOB940039a	14	337261	6069814	196	1	1	0	deep striae
MOB940040a	14	337262	6069350	197	1	1	0	deep striae
MOB940041a	14	336585	6068446	160	1	1	1	fine striae preserved on protected surface
MOB940041b	14	336585	6068446	198	1	1	2	deep & constant striae
MOB940042a	14	335854	6067049	202	1	1	2	main striae
MOB940042b	14	335854	6067049	194	1	1	1	striae
MOB940043a	14	336104	6064565	195	1	1	0	deep striae
MOB940044a	14	337030	6063417	196	1	1	0	deep and fine striae
MOB940045a	14	338338	6062411	194	1	1	1	fine striae
MOB940045b	14	338338	6062411	210	1	1	2	striae, main
MOB940046a	14	340473	6062459	210	1	1	0	deep striae
MOB940047a	14	339531	6060667	213	1	1	2	dominant striae
MOB940047b	14	339531	6060667	203	1	1	1	preserved striae on protected surface
MOB940048a	14	339807	6059853	203	1	1	0	dominant striae
MOB940049a	14	339816	6059079	200	1	1	0	constant striae
MOB940051a	14	340042	6058391	196	1	1	0	striae
MOB940052a	14	340789	6058179	197	1	1	0	striae
MOB940053a	14	339537	6058811	210	1	1	0	deep striae
MOB940055a	14	338232	6059445	197	1	1	0	striae
MOB940056a	14	335741	6059504	201	1	1	0	striae & roches moutonnées
MOB940057a	14	332159	6059666	207	1	1	0	striae
MOB940060a	14	323012	6049153	201	1	1	0	striae
MOB940063a	14	325888	6048175	202	1	1	0	striae
MOB940067a	14	315813	6049903	200	1	1	0	striae
MOB940068a	14	316873	6049891	203	1	1	0	striae
MOB940069a	14	317389	6051542	208	1	1	0	deep striae
MOB940073a	14	315537	6047531	211	1	1	0	deep striae
MOB940075a	14	319833	6046524	205	1	1	0	striae
MOB940082a	14	329114	6044526	206	1	2	0	single striae
MOB940083a	14	329861	6045240	211	1	1	0	deep & constant striae
MOB940086a	14	334859	6058453	216	1	1	0	striae
MOB940087a	14	334050	6058885	206	1	1	0	striae
MOB940087b	14	334050	6058885	224	1	1	0	striae
MOB940089a	14	333164	6058701	212	1	1	2	constant, deep, main striae
MOB940089b	14	333164	6058701	197	1	1	1	several places, E part of outcrop, deep striae
MOB940090a	14	332355	6059628	206	1	1	0	deep striae and small grooves
MOB940092a	14	331786	6060237	206	1	1	0	deep striae
MOB940093a	14	331063	6060573	192	1	1	0	deep striae
MOB940094a	14	388655	6050874	215	1	1	1	Preserved striae
MOB940094b	14	388655	6050874	237	1	1	2	main striae
MOB940095a	14	387901	6050893	212	1	1	0	deep striae
MOB940096a	14	383820	6050686	214	1	1	0	deep striae and crescentic gouges
MOB940097a	14	381426	6050501	215	1	1	0	striae
MOB940098a	14	380637	6050521	216	1	1	0	striae
MOB940099a	14	379756	6050483	222	1	1	0	striae
MOB940100a	14	378418	6050828	218	1	1	0	striae
MOB940101a	14	372010	6047787	222	1	1	0	deep and fine striae
MOB940102a	14	370202	6046787	229	1	1	0	striae
MOB940103a	14	368725	6046056	234	1	1	0	striae
MOB940104a	14	367456	6045691	232	1	1	0	deep striae
MOB940105a	14	366455	6044669	238	1	1	0	striae
MOB940106a	14	359976	6041647	264	1	1	2	main striae
MOB940106b	14	359976	6041647	190	1	1	1	beautiful striae preserved
MOB940107a	14	396575	6058046	193	1	1	0	deep striae and form of outcrop (roch mout)
MOB940107b	14	396575	6058046	205	1	1	0	deep striae on stoss-side of a movement
MOB940108a	14	397692	6055918	219	1	1	0	deep striae
MOB940111a	14	401147	6053120	207	1	1	1	few deep striae
MOB940111b	14	401147	6053120	224	1	1	2	main -constant and deep striae
MOB940111c	14	401147	6053120	170	1	2	0	deep striae
MOB940114a	14	357331	6039378	224	1	1	1	deep striae
MOB940114b	14	357331	6039378	242	1	1	2	constant, fine, main striae
MOB940115a	14	355343	6037461	242	1	1	0	main, constant striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
MOB940115b	14	355343	6037461	181	1	1	0	striae
MOB940116a	14	351214	6036264	236	1	1	2	main constant striae
MOB940116b	14	351214	6036264	274	1	1	1	preserved fine striae
MOB940117a	14	350958	6041685	226	1	1	0	striae main
MOB940118a	14	352054	6044928	200	1	1	1	deep striae, protected
MOB940118b	14	352054	6044928	224	1	1	2	constant striae, main
MOB940119a	14	431255	6061530	206	1	1	0	deep striae
MOB940121a	14	428408	6060430	211	1	1	0	deep striae
MOB940125a	14	411369	6061072	208	1	1	0	deep striae
MOB940128a	14	390152	6054116	208	1	1	0	deep striae
MOB940130a	14	363892	6058168	198	1	1	0	microstriae
MOB940132a	14	385914	6063961	200	1	1	0	microstriae
MOB940135a	14	353032	6062312	203	1	1	0	deep striae near shore
MOB940136a	14	352304	6058686	210	1	1	0	deep striae near shore
MOB940139a	14	367904	6075122	204	1	1	0	deep striae near shore
MOB940140a	14	396119	6010305	248	1	1	1	striae preserved
MOB940140b	14	396119	6010305	266	1	1	2	main striae
MOB940141a	14	397279	6011001	262	1	1	0	deep striae and cresentic gouges
MOB940142a	14	396403	6010711	244	1	1	0	deep striae
MOB940142b	14	396403	6010711	260	1	1	0	deep striae
MOB940145a	14	327850	6064748	198	1	1	0	deep striae
MOB940146a	14	327644	6064044	198	1	1	0	deep striae
MOB940148a	14	327144	6064094	198	1	1	0	deep striae
MOB940149a	14	328325	6065937	201	1	1	0	deep striae
MOB940150a	14	328683	6066387	201	1	1	0	fine striae, beautifully preserved
MOB940152a	14	328364	6067915	199	1	1	0	deep striae
MOB940153a	14	329474	6069792	204	1	1	2	main, fine & deep striae
MOB940153b	14	329474	6069792	212	1	1	1	protected fine striae
MOB940154a	14	328927	6068575	220	1	1	1	fine striae
MOB940154b	14	328927	6068575	210	1	1	2	fine and constant striae
MOB940154c	14	328927	6068575	197	1	1	2	deep and constant striae
MOB940155a	14	347476	6066023	209	1	4	0	nice roches moutonnées
MOB940165a	14	329609	6098255	198	1	1	1	nicely preserved striae on protected surface
MOB940165b	14	329609	6098255	232	1	1	2	main striae
MOB940166a	14	331548	6098274	226	1	1	2	main striae
MOB940166b	14	331548	6098274	170	1	1	1	nicely preserved striae on protected surface
MOB940166c	14	331548	6098274	210	1	2	1	nicely preserved striae on protected surface
MOB940167a	14	333902	6098929	196	1	1	0	nice and fine striae on up-ice part of outcrop
MOB940167b	14	333902	6098929	220	1	1	0	deep and fine striae
MOB940168a	14	335160	6099749	216	1	1	0	beautiful constant striae
MOB940169a	14	337289	6100135	208	1	1	0	fine and deep striae
MOB940171a	14	334306	6119770	210	1	1	0	constant striae
MOB940172a	14	334747	6118299	220	1	1	0	nicely polished surfaces
MOB940175a	14	333595	6114969	216	1	1	0	fine and deep
MOB940176a	14	333544	6113114	213	1	1	0	striae
MOB940177a	14	333859	6110163	219	1	1	0	deep and constant striae
MOB940178a	14	333868	6107068	213	1	1	0	striae
MOB940180a	14	334825	6102237	198	1	1	1	deep striae
MOB940180b	14	334825	6102237	214	1	1	2	constant, deep and fine
MOB940183a	14	345001	6109235	202	1	1	0	fine striae
MOB940184a	14	344651	6106339	207	1	1	0	striae
MOB940185a	14	343318	6103756	207	1	1	0	constant striae
MOB940186a	14	342815	6102072	209	1	1	0	striae
MOB940189a	14	348127	6098423	190	1	1	0	striae
MOB940190a	14	346022	6098216	194	1	1	0	main striae
MOB940190b	14	346022	6098216	206	1	2	0	striae
MOB940191a	14	402001	6122089	199	1	1	1	preserved striae on protected surface
MOB940191b	14	402001	6122089	208	1	1	2	main, deep, fine
MOB940192a	14	401527	6121419	209	1	1	0	main striae
MOB940193a	14	399212	6119090	209	1	1	0	constant striae
MOB940194a	14	397424	6115172	201	1	1	2	main striae
MOB940194b	14	397424	6115172	178	1	1	1	preserved fine striae on protected surface
MOB940195a	14	395387	6115127	203	1	1	0	striae
MOB940196a	14	394465	6115056	203	1	1	0	striae
MOB940197a	14	391586	6116053	200	1	1	0	striae
MOB940198a	14	388075	6115058	193	1	1	0	constant striae
MOB940199a	14	386869	6114284	195	1	1	0	fine, constant striae
MOB940202a	14	381041	6115519	189	1	1	0	fine and deep striae
MOB940204a	14	379604	6118001	199	1	2	0	large grooves
MOB940205a	14	377967	6117674	201	1	1	0	fine, constant striae
MOB940206a	14	377017	6117237	206	1	1	0	constant striae
MOB940207a	14	371600	6117792	214	1	1	0	striae
MOB940208a	14	370382	6114858	204	1	1	0	constant striae on quartz rich rock
MOB940209a	14	370411	6113403	211	1	1	0	constant striae
MOB940210a	14	369900	6111098	209	1	1	0	striae on polished surfaces

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
MOB940213a	14	365185	6108733	188	1	1	1	preserved striae on protected surface
MOB940213b	14	365185	6108733	202	1	1	2	main striae
MOB940215a	14	365360	6103933	203	1	2	0	deep striae
MOB940216a	14	365277	6102977	191	1	1	0	deep constant striae
MOB940217a	14	365601	6100740	190	1	1	0	constant striae
MOB940219a	14	363779	6097516	196	1	1	0	fine deep striae
MOB940220a	14	363134	6096763	192	1	1	1	preserved deep striae
MOB940220b	14	363134	6096763	210	1	1	2	main and constant
MOB940222a	14	313667	6027275	212	1	2	0	deep striae
MOB940223a	14	308569	6021172	211	1	1	0	deep striae on surface
MOB940227a	14	315436	5990998	252	2	2	0	crescentic gouges
MOB940227b	14	315436	5990998	192	1	2	0	crescentic gouges
MOB940231a	13	676437	6002532	250	1	1	2	main striae
MOB940231b	13	676437	6002532	230	1	1	1	protected striae and inverse crag and tail
MOB940231c	13	676437	6002532	135	2	1	0	deep, constant striae
MOB940235a	13	668239	6007176	223	1	2	0	deep grooves
MOB940236a	13	671761	5992455	229	1	1	0	deep striae
MOB940245a	13	642858	5998989	186	2	2	0	fine striae
MOB940246a	13	667900	6017435	128	2	2	0	fine striae
MOB940246b	13	667900	6017435	230	1	1	0	main deep striae and gouges
MOB940266a	14	344400	6011400	270	1	1	1	deep, old striae
MOB940266b	14	344400	6011400	313	2	1	1	deep, old striae
MOB940266c	14	344400	6011400	188	1	1	2	recent, fine, constant striae
MOB950001a	13	636690	6098500	204	1	1	0	deep striae
MOB950002a	13	636348	6099574	194	1	1	0	constant, deep striae
MOB950003a	13	637250	6100300	198	1	1	0	deep striae
MOB950004a	13	635496	6098621	205	1	1	0	deep striae and roches moutonnées
MOB950006a	13	631772	6096920	186	1	1	0	microstriae
MOB950007a	13	632961	6096621	186	1	1	0	depp striae
MOB950009a	13	634083	6093650	192	1	1	0	deep striae
MOB950010a	13	635641	6092240	182	1	1	0	deep striae on top of movement b
MOB950010b	13	635641	6092240	188	1	4	0	roches moutonnées
MOB950011a	13	636344	6091303	182	1	1	0	deep striae
MOB950012a	13	637534	6089838	196	1	1	0	deep striae
MOB950013a	13	639268	6089516	188	1	2	1	not well defined striae
MOB950013b	13	639268	6089516	196	1	1	2	deep, constant striae
MOB950014a	13	639352	6086280	200	1	1	0	deep striae
MOB950015a	13	630343	6095273	188	1	1	0	deep striae
MOB950016a	13	628783	6092318	190	1	1	0	deep striae
MOB950018a	13	630454	6091649	190	1	1	0	deep striae
MOB950019a	13	631653	6092824	190	1	1	0	deep striae
MOB950020a	13	631131	6088572	192	1	1	0	main, fine and constant
MOB950020b	13	631131	6088572	184	1	2	0	inside protected surface
MOB950021a	13	630620	6087411	189	1	1	0	deep striae
MOB950023a	13	628834	6082347	200	1	1	0	microstriae
MOB950024a	13	631811	6082581	202	1	1	0	deep striae
MOB950025a	13	633746	6082462	205	1	1	0	deep striae
MOB950026a	13	633337	6083469	204	1	1	0	constant striae
MOB950027a	13	634905	6084973	202	1	1	2	main striae
MOB950027b	13	634905	6084973	220	1	2	1	old, possible
MOB950028a	13	636679	6086692	202	1	1	0	deep striae
MOB950029a	13	638362	6085485	205	1	1	0	deep striae
MOB950030a	13	656928	6079267	200	1	1	2	main striae (196-200)
MOB950030b	13	656928	6079267	188	1	1	1	preserved fine striae
MOB950031a	13	644834	6078229	184	1	1	1	preserved fine striae
MOB950031b	13	644834	6078229	192	1	1	2	main striae
MOB950032a	13	644227	6078226	190	1	1	2	dominant main striae
MOB950032b	13	644227	6078226	200	1	1	1	preserved fine striae, constant
MOB950032c	13	644227	6078226	215	1	2	1	preserved fine striae
MOB950033a	13	642333	6077118	196	1	1	0	fine striae-constant
MOB950034a	13	640213	6078724	198	1	1	0	fine and deep striae
MOB950035a	13	688339	6101944	204	1	5	0	crag and tail, general direction
MOB950040a	13	658728	6121993	196	1	1	0	deep striae
MOB950041a	13	661254	6114547	196	1	1	0	deep striae along shore
MOB950046Aa	13	640980	6122250	196	1	1	0	deep striae along shore
MOB950046Ba	13	638500	6121050	194	1	1	0	deep striae along shore
MOB950047Aa	13	635300	6120600	192	1	1	0	deep striae along shore
MOB950047Ba	13	635700	6113800	182	1	1	0	deep striae on flat surface
MOB950048a	13	636550	6110550	208	1	1	0	constant striae
MOB950049a	13	636050	6106250	202	1	1	0	deep and constant striae
MOB950050a	13	637100	6102700	202	1	1	0	deep and constant striae
MOB950051a	13	641800	6098250	202	1	1	0	constant striae
MOB950052a	13	642900	6095700	203	1	1	0	constant striae
MOB950053a	13	645150	6092450	201	1	1	0	deep striae deviates towards 195
MOB950054a	13	645150	6089700	200	1	1	0	deep striae
MOB950055a	13	642700	6084000	206	1	1	0	fine and constant striae
MOB950056a	13	640950	6084500	202	1	1	0	main striae
MOB950056b	13	640950	6084500	188	2	1	0	deep striae
MOB950057a	13	643250	6081050	198	1	1	0	deep striae
MOB95005a	13	632884	6098051	186	1	1	0	deep striae
NIE910001	14	452825	6090200	207	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
NIE910002	14	449950	6086450	206	1	1	0	striae
NIE910003a	14	452425	6089755	209	1	1	0	striae
NIE910003b	14	452425	6089755	212	1	1	0	striae
NIE910004	14	451675	6088700	210	1	1	0	striae
NIE910005	14	451250	6087800	204	1	1	0	striae
NIE910006	14	450975	6087425	206	1	1	0	striae
NIE910007a	14	450252	6086750	178	1	1	0	striae
NIE910007b	14	450252	6086750	200	1	1	0	striae
NIE910008	14	450200	6086725	206	1	1	0	striae
NIE910009	14	449625	6086005	206	1	1	0	striae
NIE910010	14	449350	6085725	196	1	1	0	striae
NIE910011	14	449175	6085575	206	1	1	0	striae
NIE910012	14	448720	6085175	190	1	1	0	striae
NIE910013a	14	447675	6084700	214	1	1	0	striae
NIE910013b	14	447675	6084700	208	1	1	0	striae
NIE910013c	14	447675	6084700	200	1	1	0	striae
NIE910014	14	446675	6084250	204	1	1	0	striae
NIE910015	14	445480	6083275	204	1	1	0	striae
NIE910016	14	444750	6083125	210	1	1	0	striae
NIE910017	14	444200	6082725	208	1	1	0	striae
NIE910018	14	444005	6082250	210	1	1	0	striae
NIE910020	14	442005	6080300	204	1	1	0	striae
NIE910021	14	441750	6080225	204	1	1	0	striae
NIE910022	14	473850	6081500	178	1	1	0	striae
NIE910022	14	441425	6080000	204	1	1	0	striae
NIE910023	14	440700	6079550	202	1	1	0	striae
NIE910024a	14	440575	6079500	224	1	1	0	striae
NIE910024b	14	440575	6079500	200	1	1	0	striae
NIE910025	14	440075	6079300	200	1	1	0	striae
NIE910026	14	439750	6079225	200	1	1	0	striae
NIE910027	14	439425	6079050	200	1	1	0	striae
NIE910028	14	439300	6074025	200	1	1	0	striae
NIE910029	14	438850	6079020	204	1	1	0	striae
NIE910030	14	438625	6079375	205	1	1	0	striae
NIE910031	14	437825	6080050	200	1	1	0	striae
NIE910032	14	437235	6080425	204	1	1	0	striae
NIE910033	14	437125	6080325	200	1	1	0	striae
NIE910034	14	437200	6080850	195	1	1	0	striae
NIE910035	14	436950	6080350	200	1	1	0	striae
NIE910036	14	436800	6080250	200	1	1	0	striae
NIE910037	14	436650	6080225	210	1	1	0	striae
NIE910038	14	436525	6080200	200	1	1	0	striae
NIE910039	14	435900	6080200	204	1	1	0	striae
NIE910040	14	436050	6081050	195	1	1	0	striae
NIE910041	14	436000	6079200	208	1	1	0	striae
NIE910042a	14	453300	6071800	210	1	1	0	striae
NIE910042b	14	453300	6071800	195	1	1	0	striae
NIE910042c	14	453300	6071800	168	1	1	0	striae
NIE910043	14	450950	6070800	201	1	1	0	striae
NIE910044	14	450500	6071150	200	1	1	0	striae
NIE910045	14	453650	6077050	202	1	1	0	striae
NIE910046	14	452900	6076050	182	1	1	0	striae
NIE910047	14	452500	6076200	204	1	1	0	striae
NIE910048a	14	442200	6068350	200	1	1	0	striae
NIE910048b	14	442200	6068350	202	1	1	0	striae
NIE910049	14	441900	6070100	202	1	1	0	striae
NIE910050a	14	440550	6071750	175	1	1	0	striae
NIE910050b	14	440550	6071750	200	1	1	0	striae
NIE910051	14	440000	6071450	200	1	1	0	striae
NIE910052	14	439500	6071150	206	1	1	0	striae
NIE910053	14	439550	6071950	208	1	1	0	striae
NIE910054	14	439350	6071800	195	1	1	0	striae
NIE910055	14	439000	6072200	204	1	1	0	striae
NIE910056	14	438650	6072000	203	1	1	0	striae
NIE910057	14	437750	6071800	212	1	1	0	striae
NIE910058	14	437800	6072250	208	1	1	0	striae
NIE910059	14	437600	6072550	202	1	1	0	striae
NIE910060	14	436200	6073300	214	1	1	0	striae
NIE910061	14	437200	6074150	206	1	1	0	striae
NIE910062a	14	436400	6073750	280	1	1	0	striae
NIE910062b	14	436400	6073750	208	1	1	0	striae
NIE910062c	14	436400	6073750	170	1	1	0	striae
NIE910062d	14	438400	6075350	200	1	1	0	striae
NIE910063	14	439550	6073750	208	1	1	0	striae
NIE910064a	14	439800	6073850	204	1	1	0	striae
NIE910064b	14	439800	6073850	179	1	1	0	striae
NIE910065a	14	440450	6073650	208	1	1	0	striae
NIE910065b	14	440450	6073650	180	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
NIE910065c	14	440450	6073650	160	1	1	0	striae
NIE910066a	14	440750	6073550	208	1	1	0	striae
NIE910066b	14	440750	6073550	160	1	1	0	striae
NIE910067a	14	440900	6073700	204	1	1	0	striae
NIE910067b	14	440900	6073700	180	1	1	0	striae
NIE910068	14	441450	6074600	180	1	1	0	striae
NIE910069	14	439800	6074100	210	1	1	0	striae
NIE910070	14	440450	6075150	204	1	1	0	striae
NIE910071	14	441050	6075650	210	1	1	0	striae
NIE910072	14	443100	6078050	211	1	1	0	striae
NIE910073	14	441550	6080000	204	1	1	0	striae
NIE910074	14	436000	6082450	202	1	1	0	striae
NIE910075	14	436050	6082000	206	1	1	0	striae
NIE910076	14	444150	6082450	208	1	1	0	striae
NIE910077	14	448250	6084950	210	1	1	0	striae
NIE910078	14	448850	6085500	204	1	1	0	striae
NIE910080	14	452750	6090100	208	1	1	0	striae
NIE910081	14	452900	6090200	210	1	1	0	striae
NIE910082a	14	447850	6094200	200	1	1	0	striae
NIE910082b	14	447850	6094200	173	1	1	0	striae
NIE910083	14	439450	6085850	216	1	1	0	striae
NIE910084	14	447200	6092900	200	1	1	0	striae
NIE910085	14	454800	6091650	210	1	1	0	striae
NIE910086a	14	450950	6070800	188	1	1	0	striae
NIE910086b	14	450950	6070800	190	1	1	0	striae
NIE910086c	14	450950	6070800	198	1	1	0	striae
NIE910087a	14	443400	6077650	186	1	1	0	striae
NIE910087b	14	443400	6077650	168	1	1	0	striae
NIE910088	14	443700	6077750	190	1	1	0	striae
NIE910089	14	443050	6077950	200	1	1	0	striae
NIE910090a	14	419300	6067750	166	1	1	0	striae
NIE910090b	14	419300	6067750	198	1	1	0	striae
NIE910090c	14	419300	6067750	212	1	1	0	striae
NIE910091	14	420550	6069000	206	1	1	0	striae
NIE910092a	14	420400	6070000	210	1	1	0	striae
NIE910092b	14	420400	6070000	192	1	1	0	striae
NIE910093	14	420350	6070700	200	1	1	0	striae
NIE910094	14	419850	6070800	206	1	1	0	striae
NIE910095a	14	419350	6070100	210	1	1	0	striae
NIE910095b	14	419350	6070100	192	1	1	0	striae
NIE910096	14	418950	6069200	204	1	1	0	striae
NIE910097	14	417900	6068800	206	1	1	0	striae
NIE910098	14	418250	6068800	195	1	1	0	striae
NIE910099	14	419650	6071550	210	1	1	0	striae
NIE910100	14	420700	6073650	202	1	1	0	striae
NIE910101	14	417750	6072100	192	1	1	0	striae
NIE910102	14	417550	6072950	210	1	1	0	striae
NIE910103	14	417950	6073950	202	1	1	0	striae
NIE910104	14	416850	6073550	204	1	1	0	striae
NIE910105	14	415050	6078000	212	1	1	0	striae
NIE910106	14	415300	6078250	204	1	1	0	striae
NIE910107	14	419650	6081200	202	1	1	0	striae
NIE910108	14	420950	6080450	202	1	1	0	striae
NIE910109	14	420650	6082750	202	1	1	0	striae
NIE910110	14	405350	6073050	200	1	1	0	striae
NIE910111	14	407450	6077300	202	1	1	0	striae
NIE910112	14	407450	6084450	208	1	1	0	striae
NIE910113	14	407450	6083600	194	1	1	0	striae
NIE910114	14	407700	6082000	198	1	1	0	striae
NIE910115	14	408400	6082000	198	1	1	0	striae
NIE910116	14	407750	6080400	204	1	1	0	striae
NIE910117	14	408100	6080350	202	1	1	0	striae
NIE910118	14	409200	6080100	202	1	1	0	striae
NIE910119	14	409450	6079150	198	1	1	0	striae
NIE910120	14	410000	6078850	198	1	1	0	striae
NIE910121	14	410800	6079250	202	1	1	0	striae
NIE910122	14	412050	6080050	205	1	1	0	striae
NIE910123a	14	412800	6080950	215	1	1	0	striae
NIE910123b	14	412800	6080950	194	1	1	0	striae
NIE910124	14	413100	6080850	204	1	1	0	striae
NIE910125	14	413550	6081150	194	1	1	0	striae
NIE910126	14	418000	6085950	206	1	1	0	striae
NIE910127	14	419200	6086700	212	1	1	0	striae
NIE910128	14	419300	6086150	206	1	1	0	striae
NIE910129	14	420150	6086300	218	1	1	0	striae
NIE910130	14	419100	6088400	202	1	1	0	striae
NIE910131	14	419750	6089800	204	1	1	0	striae
NIE910132	14	420250	6092050	196	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
NIE910133	14	419300	6091350	202	1	1	0	striae
NIE910134	14	410900	6088200	199	1	1	0	striae
NIE910135	14	425400	6072900	201	1	1	0	striae
NIE910136	14	429000	6074850	201	1	1	0	striae
NIE910137	14	428350	6077400	207	1	1	0	striae
NIE910138	14	428700	6078400	202	1	1	0	striae
NIE910139	14	430200	6080700	210	1	1	0	striae
NIE910140	14	430200	6080700	194	1	1	0	striae
NIE910141	14	430450	6081200	210	1	1	0	striae
NIE910142	14	431650	6080850	150	1	1	0	striae
NIE910143	14	432050	6080850	198	1	1	0	striae
NIE910145	14	433450	6083000	190	1	1	0	striae
NIE910146	14	433350	6083400	194	1	1	0	striae
NIE910147	14	433200	6083900	194	1	1	0	striae
NIE910148	14	428750	6088250	206	1	1	0	striae
NIE910149	14	429700	6090150	208	1	1	0	striae
NIE910150	14	430050	6089500	214	1	1	0	striae
NIE92003a	14	399440	6081490	190	1	1	0	striae
NIE92006a	14	401750	6074270	202	1	1	0	striae
NIE92006b	14	401750	6074270	230	1	1	0	striae
NIE92006c	14	401750	6074270	280	1	1	0	striae
NIE92007a	14	401790	6075500	156	1	1	2	striae
NIE92007b	14	401790	6075500	192	1	1	1	striae
NIE92007c	14	401790	6075500	180	1	1	1	striae
NIE92007d	14	401790	6075500	195	1	1	1	striae
NIE92008a	14	402200	6077270	194	1	1	0	striae
NIE92011a	14	398400	6077310	207	1	1	0	striae
NIE92019a	14	397920	6078590	200	1	1	0	striae
NIE92039a	14	408430	6087400	197	1	1	0	striae
NIE92042a	14	402920	6081940	198	1	1	0	striae
NIE92043a	14	403080	6082950	198	1	1	0	striae
NIE92043b	14	403080	6082950	214	1	1	0	striae
NIE92051a	14	402650	6078210	208	1	1	0	striae
NIE92051b	14	402650	6078210	153	1	1	0	striae
NIE92056a	14	381250	6082090	202	1	1	0	striae
NIE92059a	14	380350	6082800	208	1	1	0	striae
NIE92063a	14	379690	6082420	202	1	1	0	striae
NIE92064a	14	379680	6083620	202	1	1	0	striae
NIE92065a	14	379100	6083240	202	1	1	0	striae
NIE92066a	14	378850	6082420	208	1	1	0	striae
NIE92067a	14	379110	6081570	204	1	1	0	striae
NIE92072a	14	378190	6079020	200	1	1	0	striae
NIE92074a	14	381490	6081170	192	1	1	0	striae
NIE92078a	14	383460	6078040	204	1	1	0	striae
NIE92085a	14	377380	6077180	195	1	1	0	striae
NIE92086a	14	377670	6075450	206	1	1	0	striae
NIE92090a	14	376030	6068520	207	1	1	0	striae
NIE92102a	14	376120	6088110	202	1	1	0	striae
NIE92109a	14	401370	6104060	196	1	1	0	striae
NIE92119a	14	400300	6093890	204	1	1	0	striae
NIE92122a	14	398660	6094220	204	1	1	0	striae
NIE92127a	14	399800	6095570	200	1	1	0	striae
NIE92129a	14	399220	6097970	204	1	1	0	striae
NIE92133a	14	387510	6073940	205	1	1	0	striae
NIE92133b	14	387510	6073940	246	1	1	0	striae
NIE92134a	14	387400	6072980	208	1	1	0	striae
NIE92140a	14	386450	6071340	162	1	1	0	striae
NIE92140b	14	386450	6071340	200	1	1	0	striae
NIE92143a	14	387120	6075870	200	1	1	0	striae
NIE92144a	14	386190	6075930	198	1	1	0	striae
NIE92147a	14	385260	6075430	202	1	1	0	striae
NIE92148a	14	385320	6074610	202	1	1	0	striae
NIE92155a	14	397460	6068490	202	1	1	0	striae
NIE92167a	14	391700	6075980	202	1	1	0	striae
NIE92168a	14	373290	6093700	210	1	1	0	striae
NIE92170a	14	374700	6091240	208	1	1	0	striae
NIE92172a	14	375790	6093680	208	1	1	0	striae
NIE92173a	14	377320	6093390	210	1	1	0	striae
NIE92175a	14	383620	6086700	206	1	1	0	striae
NIE92177a	14	384770	6089080	118	1	1	0	striae
NIE92177b	14	384770	6089080	198	1	1	0	striae
NIE92180a	14	385990	6083740	210	1	1	0	striae
NIE92181a	14	386800	6084710	208	1	1	0	striae
NIE92184a	14	404330	6100470	196	1	1	0	striae
NIE92185a	14	376960	6072590	207	1	1	0	striae
NIE92186a	14	378470	6075830	207	1	1	0	striae
NIE92187a	14	400740	6077770	202	1	1	0	striae
NIE92188a	14	378900	6076740	200	1	1	0	striae
NIE92189a	14	398370	6095350	204	1	1	0	striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
NIE92190a	14	381080	6076570	208	1	1	0	striae
NIE92191a	14	382430	6078280	204	1	1	0	striae
NIE92192a	14	379120	6081610	204	1	1	0	striae
NIE92193a	14	379700	6081710	202	1	1	0	striae
NIE92194a	14	380020	6081900	202	1	1	0	striae
NIE92195a	14	380350	6082240	208	1	1	0	striae
NIE92196a	14	376440	6089670	208	1	1	0	striae
NIE92197a	14	397780	6069490	195	1	1	0	striae
NIE92198a	14	399850	6093910	204	1	1	0	striae
NIE92199a	14	401100	6077980	202	1	1	0	striae
NIE92199b	14	401100	6077980	230	1	1	0	striae
NIE92199c	14	401100	6077980	280	1	1	0	striae
NIE92200a	14	399130	6094090	204	1	1	0	striae
NIE92201a	14	404550	6102000	190	1	1	0	striae
NIE92202a	14	404600	6103200	193	1	1	0	striae
NIE92203a	14	403450	6103050	198	1	1	0	striae
NIE92204a	14	404100	6102950	168	1	1	1	preserved striae
NIE92204b	14	404100	6102950	194	1	1	2	striae
NIE92205a	14	403450	6101900	192	1	1	0	striae
NIE92206a	14	403100	6101250	202	1	1	0	striae
NIE92207a	14	402900	6101000	194	1	1	0	striae
NIE92208a	14	403000	6100650	189	1	1	0	striae
NIE92209a	14	403700	6100400	184	1	1	0	striae
NIE93001a	14	341665	6078471	186	1	1	0	striae
NIE93002a	14	341386	6077382	204	1	1	0	striae
NIE93002b	14	341386	6077382	216	1	1	0	striae
NIE93003a	14	341382	6077029	210	1	1	0	striae
NIE93006a	14	341137	6079664	200	1	1	0	striae
NIE93007a	14	340832	6080051	212	1	1	0	striae
NIE93008a	14	340677	6080401	210	1	1	0	striae
NIE93010a	14	340468	6081290	210	1	1	0	striae
NIE93011a	14	340843	6081380	210	1	1	0	striae
NIE93012a	14	343204	6083512	210	1	1	0	striae
NIE93014a	14	341705	6084105	222	1	1	0	striae
NIE93015a	14	341761	6085187	203	1	1	0	striae
NIE93016a	14	341779	6084668	208	1	1	0	striae
NIE93017a	14	339674	6084782	206	1	1	0	striae
NIE93020a	14	343360	6087876	207	1	1	0	striae
NIE93026a	14	341151	6082137	208	1	1	0	striae
NIE93028a	14	345082	6088929	210	1	1	0	striae
NIE93029a	14	346235	6088923	200	1	1	0	striae
NIE93032a	14	348946	6088734	207	1	1	0	striae
NIE93033a	14	349829	6088886	207	1	1	0	striae
NIE93034a	14	350610	6089315	201	1	1	0	striae
NIE93037a	14	353957	6090170	210	1	1	0	striae
NIE93039a	14	356164	6091829	212	1	1	0	striae
NIE93040a	14	356407	6092168	212	1	1	0	striae
NIE93043a	14	357956	6094848	209	1	1	0	striae
NIE93044a	14	358296	6094873	209	1	1	0	striae
NIE93046a	14	360235	6096082	210	1	1	0	striae
NIE93070a	14	356068	6093834	202	1	1	0	striae
NIE93092a	14	342903	6079610	207	1	1	0	striae
NIE93102a	14	360496	6089362	207	1	1	0	striae
NIE93112a	14	352121	6083448	211	1	1	0	striae
NIE93132a	14	346946	6093923	196	1	1	0	striae
NIE93133a	14	345827	6094048	195	1	1	0	striae
NIE93150a	14	346088	6075797	210	1	1	0	striae
NIE94001a	14	317464	6074607	207	1	1	0	striae
NIE94003a	14	318400	6077186	198	1	1	0	striae
NIE94005a	14	318070	6078196	204	1	1	0	striae
NIE94006a	14	317766	6078860	220	1	1	0	striae
NIE94007a	14	316925	6079392	200	1	1	2	striae
NIE94007b	14	316925	6079392	192	1	1	1	striae
NIE94008a	14	316328	6079439	193	1	1	0	striae
NIE94009a	14	316086	6079928	200	1	1	0	striae
NIE94010a	14	315701	6080387	195	1	1	0	striae
NIE94010b	14	315701	6080387	190	1	1	0	striae
NIE94011a	14	315281	6080972	200	1	1	2	striae
NIE94011b	14	315281	6080972	175	1	1	1	striae
NIE94012a	14	315529	6081241	232	1	1	2	striae
NIE94012b	14	315529	6081241	210	1	1	1	striae
NIE94014a	14	315774	6082487	224	1	1	0	striae
NIE94016a	14	316545	6083547	208	1	1	0	striae
NIE94019a	14	319140	6085815	220	1	1	0	striae
NIE94021a	14	320639	6087098	226	1	1	0	striae
NIE94025a	14	317877	6072592	186	1	1	2	striae

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
NIE94025b	14	317877	6072592	198	1	1	2	striae
NIE94025c	14	317877	6072592	140	1	1	1	striae
NIE94029a	14	318876	6071651	200	1	1	0	striae
NIE94030a	14	322125	6097616	230	1	1	0	striae
NIE94031a	14	322980	6097247	231	1	1	2	striae
NIE94031b	14	322980	6097247	204	1	1	1	striae
NIE94032a	14	323982	6097298	240	1	1	2	striae
NIE94032b	14	323982	6097298	220	1	1	1	striae
NIE94034a	14	325212	6097736	235	1	1	0	striae
NIE94036a	14	328479	6097629	236	1	1	0	striae
NIE94037a	14	334876	6083081	203	1	1	0	striae
NIE94038a	14	335860	6083168	207	1	1	2	striae
NIE94038b	14	335860	6083168	198	1	1	1	striae
NIE94039a	14	336787	6083134	208	1	1	0	striae
NIE94040a	14	337819	6083816	204	1	1	0	striae
NIE94042a	14	317104	6075434	197	1	1	2	striae
NIE94042b	14	317104	6075434	160	1	1	1	striae
NIE94042c	14	317104	6075434	180	1	1	1	striae
NIE94043a	14	316573	6076613	200	1	1	0	striae
NIE94058a	14	332759	6072563	206	1	1	0	striae
NIE94072a	14	315755	6087673	218	1	1	0	striae
NIE94074a	14	317456	6086695	214	1	1	0	striae
NIE94078a	14	319206	6090692	235	1	1	0	striae
NIE94085a	14	330807	6086256	220	1	1	0	striae
NIE94088a	14	333709	6085060	218	1	1	0	striae
NIE94090a	14	316451	6081054	214	1	1	0	striae
NIE94090b	14	316451	6081054	160	1	2	0	striae
NIE94091a	14	316986	6081323	200	1	1	0	striae
NIE94091b	14	316986	6081323	212	1	1	0	striae
NIE94092a	14	317640	6081497	207	1	1	0	striae
NIE94092b	14	317640	6081497	220	1	1	0	striae
NIE94092c	14	317640	6081497	252	1	1	0	striae
NIE94094a	14	319632	6082069	208	1	1	0	striae
NIE94095a	14	320684	6082350	214	1	1	0	striae
NIE94096a	14	321929	6081820	210	1	1	0	striae
NIE94097a	14	322569	6081733	220	1	1	0	striae
NIE94098a	14	324095	6081920	216	1	1	2	striae
NIE94098b	14	324095	6081920	168	1	1	1	striae
NIE94098c	14	324095	6081920	182	1	1	1	striae
NIE94100a	14	328530	6082416	214	1	1	0	striae
NIE94102a	14	326378	6079132	208	1	1	0	striae
NIE94105a	14	316975	6080195	210	1	1	0	striae
NIE94106a	14	318013	6080079	190	1	1	0	striae
NIE94110a	14	321919	6077782	202	1	1	0	striae
NIE94111a	14	321904	6076920	200	1	1	0	striae
NIE94112a	14	321999	6075901	202	1	1	0	striae
NIE94114a	14	321517	6074013	204	1	1	0	striae
NIE94126a	14	323067	6072906	170	1	1	0	striae
NIE94127a	14	322406	6071385	190	1	1	0	striae
NIE94128a	14	323198	6070519	202	1	1	0	striae
NIE94132a	14	337323	6088630	220	1	1	0	striae
NIE94140a	14	331513	6078467	210	1	1	0	striae
NIE94141a	14	332914	6079049	216	1	1	0	striae
NIE94142a	14	333724	6080399	208	1	1	0	striae
NIE94144a	14	337405	6082061	210	1	1	0	striae
NIE95001a	14	382425	6051575	208	1	1	0	striae
NIE95002a	14	383225	6052300	222	1	1	0	striae
NIE95008a	14	381475	6054200	214	1	1	0	striae
NIE95016a	14	382825	6057000	210	1	1	0	striae
NIE95018a	14	378425	6055650	214	1	1	0	striae
PAT920001a	14	437200	6065600	196	1	1	0	grooves
PAT920003a	14	436400	6064450	204	1	1	0	grooves
PAT920004a	14	436800	6064250	204	1	1	0	grooves
PAT920005a	14	436775	6064700	204	1	1	1	grooves
PAT920005b	14	436775	6064700	186	1	2	2	microstriae
PAT920008a	14	437225	6065200	187	1	2	0	grooves
PAT920008b	14	437225	6065200	210	1	2	0	grooves
PAT920009a	14	436450	6065100	185	1	1	0	grooves
PJH940002a	13	685250	6045050	190	1	1	2	dominant on outcrop, all pervasive
PJH940002b	13	685250	6045050	220	2	1	1	deep grooves, cut by 190 striae
PJH940002c	13	685250	6045050	135	2	1	3	fine, very local, appear youngest
PJH940005a	14	311850	6079825	220	1	1	0	moulded striated volcanic, deep grooves
PJH940006a	14	313320	6068879	203	1	1	0	fine striae and roches moutonnées preserved on original surface
PJH940006b	14	313320	6068879	150	2	1	0	fine striae on original surface; very localized
PJH940006c	14	313320	6068879	170	2	1	0	fine striae (as before) localized
PJH940006d	14	313320	6068879	134	2	1	0	fine striae; very localized on preserved original surface
PJH940006e	14	313320	6068879	220	1	1	0	widespread in localized area of large outcrop
PJH940007a	14	311800	6063800	205	1	1	0	more widespread, predominate
PJH940007b	14	311800	6063800	160	2	2	0	very faint, localized; fine
PJH940009a	14	313000	6047100	205	1	2	0	crescentic marks, well formed
PJH940011a	14	311725	6049750	211	2	2	0	small striae

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
PJH940012a	14	309900	6047350	206	2	1	0	fine striae found in several places
PJH940012b	14	309900	6047350	220	2	2	0	very faint, localized striae
PJH940016a	14	307806	6057029	205	1	1	0	
PJH940017a	14	312625	6065616	220	1	2	0	roches moutonnées
PJH940018a	13	686375	6044225	270	2	1	0	good striae at base of second pit
PJH940023a	14	309000	6059300	197	1	1	0	
PJH940024a	14	308750	6057700	199	1	1	0	striae on shore
PJH940026a	14	313125	6070400	199	1	1	2	roches moutonnées; dominant striae
PJH940026a	14	313125	6070400	233	2	1	1	striae, local, well developed; faceted faces (planes 262/82)
PJH940027a	14	314000	6070975	202	1	1	2	dominant; forms roches moutonnées
PJH940027b	14	314000	6070975	233	1	1	1	probably older
PJH940027c	14	314000	6070975	174	2	1	3	fine striae-locally preserved on top of outcrop
PJH940028a	14	312000	6068400	206	1	1	0	dominant striae; range from 195 to 216
PJH940028b	14	312000	6068400	236	1	1	0	grooves and striae; fairly common
PJH940028c	14	312000	6068400	180	1	2	0	occasional striae (???); older than dominant striae
PJH940032a	13	691470	6072550	206	2	2	0	grooves, poorly defined
PJH940033a	13	692325	6071850	210	1	1	0	taken at water edge
PJH940034a	14	312675	6066660	206	1	1	1	dominant-roches moutonnées, striae
PJH940034b	14	312675	6066660	140	2	1	2	fine striae, locally preserved on original upper surface of otc
PJH940034c	14	312675	6066660	170	2	1	2	as before
PJH940034d	14	312675	6066660	217	2	1	2	as before
PJH940035a	13	683575	6056150	206	1	1	0	roches moutonnée
PJH940036a	14	316440	6071925	196	1	1	2	dominant striae, grooves, roches moutonnées
PJH940036b	14	316440	6071925	275	2	2	1	single grooves, poorly preserved
PJH940037a	14	315500	6071800	195	1	1	1	roches moutonnées+I2319, striae, grooves
PJH940037b	14	315500	6071800	144	2	1	2	well preserved striae (fine) on original surface of outcrop
PJH940037c	14	315500	6071800	155	2	1	2	well preserved striae (fine) on original surface of outcrop
PJH940037d	14	315500	6071800	124	2	1	2	well preserved striae (fine) on original surface of outcrop
PJH940041a	14	307550	6054500	217	2	1	0	taken at base of pit, underlying basal till
PJH940046a	14	306275	6053700	205	2	1	0	striated surface at base of pit
PJH940047a	13	681700	6065650	195	1	1	2	dominant striae and roches moutonnées
PJH940047b	13	681700	6065650	180	2	2	1	found locally on preserved outcrop surface
PJH940048a	13	684875	6064800	197	1	1	0	dominant striae and molded outcrop
PJH940048b	13	684875	6064800	180	2	1	0	locally preserved on fine grained volcanics
PJH940048c	13	684875	6064800	274	2	2	0	single-local on matrix???
PJH940049a	13	685040	6067475	194	1	1	2	dominant striae and roches moutonnées
PJH940049b	13	685040	6067475	240	2	1	1	found locally on preserved outcrop surface
PJH940052a	13	672475	6049360	200	1	1	0	striae, roches moutonnée
PJH940053a	13	677100	6049225	194	1	1	0	189-194 range; roches moutonnées and striae
ROY930001a	14	313900	6063525	198	1	2	0	fine striae
ROY930002a	14	314950	6064100	211	1	1	2	microstriae
ROY930002b	14	314950	6064100	180	1	1	1	striae
ROY930002c	14	314950	6064100	164	2	2	0	faint striae, locally present
ROY930002d	14	314950	6064100	139	2	2	0	faint striae, locally present
ROY930002e	14	314950	6064100	234	2	2	0	faint striae, locally present
ROY930002f	14	314950	6064100	254	2	2	0	faint striae, locally present
ROY930003a	14	315700	6066975	204	1	1	0	poorly defined striae
ROY930003b	14	315700	6066975	103	2	2	0	faint striae, locally present
ROY930003c	14	315700	6066975	138	2	2	0	faint striae, locally present
ROY930003d	14	315700	6066975	172	2	2	0	faint striae, locally present
ROY930003e	14	315700	6066975	226	2	2	0	faint striae, locally present
ROY930003f	14	315700	6066975	254	2	2	0	faint striae, locally present
RUT930001a	14	466768	5983546	234	1	1	0	fine, constant striae
RUT930002a	14	465264	5984106	234	1	1	0	fine, deep, constant striae
RUT930003a	14	463967	5983546	239	1	1	0	fine striae
RUT930004a	14	466326	5984490	234	1	1	2	striae,small grooves, crescentic gouges
RUT930004b	14	466326	5984490	300	2	1	1	deep striae found as one grooves
RUT930005a	14	465706	5986731	234	1	1	0	striae
RUT930006a	14	465353	5987557	240	1	1	0	fine striae
RUT930006b	14	465353	5987557	246	1	1	0	fine striae
RUT930009a	14	472487	5991020	234	1	1	2	fine, deep, constant striae main striae
RUT930009b	14	472487	5991020	298	2	1	1	deep,old striae
RUT930009c	14	472487	5991020	322	2	1	1	deep, old striae
RUT930009d	14	472487	5991020	280	2	1	1	deep, old striae and crescentic gouges
RUT930010a	14	470885	5990501	234	1	1	0	fine, deep striae
RUT930011a	14	468866	5990045	234	1	1	0	constant main striae
RUT930012a	14	464910	5989356	236	1	1	0	fine, deep striae
RUT930013a	14	435236	5994472	247	1	1	0	fine, deep striae
RUT930014a	14	433802	5995228	240	1	1	0	fine, deep striae(main)
RUT930014b	14	433802	5995228	236	1	1	0	fine striae
RUT930015a	14	433136	5995205	230	1	1	1	fine, deep striae
RUT930015b	14	433136	5995205	241	1	1	2	fine striae
RUT930017a	14	431598	5993919	239	1	1	1	deep, fine striae
RUT930018a	14	431621	5993024	239	1	1	0	deep, fine striae; concave crescentic marks
RUT930019a	14	434773	5994678	241	1	1	2	fine, deep & constant striae (main)
RUT930019b	14	434773	5994678	260	1	1	1	fine, deep striae
RUT930020a	14	433458	5990957	242	1	1	0	fine, deep striae
RUT930022a	14	383830	5994600	254	1	1	0	fine, deep, constant striae
RUT930025a	14	385597	5996103	250	1	1	0	fine, deep, constant striae; main

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Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
RUT930025b	14	385597	5996103	280	1	1	0	fine, deep striae
RUT930026A	14	382932	5991875	250	1	1	0	deep, fine striae, crescentic marks
RUT930037a	14	371427	5999267	264	2	2	0	crescentic marks
RUT930038a	14	371978	5999388	254	1	1	0	fine, deep striae
RUT930039a	14	373094	5999899	258	1	1	0	fine, deep striae; main?
RUT930039b	14	373094	5999899	200	2	1	0	fine striae
RUT930045a	14	361841	5997849	262	2	1	0	deep, constant striae
RUT930048a	14	345806	6002707	250	1	1	1	fine, deep, constant striae; main
RUT930048b	14	345806	6002707	180	2	1	2	fine striae
RUT930053a	14	383388	5999513	264	1	2	0	fine striae in the bottom of 50cm hole
RUT930054a	14	377268	6000924	260	1	1	0	deep,constant,fine striae & crescentic g
RUT930056a	14	379669	6006530	250	1	1	0	deep striae & deep crescentic gouges
RUT930056b	14	379669	6006530	200	1	1	0	main, deep,constant striae
RUT930057a	14	380952	6018940	258	1	1	0	crescentic gouges & deep striae
RUT930058a	14	374455	6008735	250	1	2	0	deep striae,crescentic gouges
RUT930059a	14	376892	6007606	250	1	1	0	deep, constant crescentic gouges
RUT930060a	14	377160	6006154	250	1	1	0	deep, constant crescentic gouges
RUT930063a	14	365325	6011933	276	1	1	0	fine,deep, constant striae
RUT930064a	14	366510	6013566	185	1	1	1	fine deep striae
RUT930064b	14	366510	6013566	266	1	1	2	"main" deep striae & crescentic gouges
RUT930065a	14	367112	6013773	270	1	1	0	crescentic gouges & constant, deep striae
RUT930067a	14	369259	6015128	264	1	1	0	constant, deep striae
RUT930068a	14	370496	6016996	200	1	1	1	striae constant,fine & deep
RUT930068b	14	370496	6016996	260	1	1	2	main constant, deep striae & crescentic gouges
RUT930070a	14	372085	6018679	180	1	1	0	striae constant,fine
RUT930070b	14	372085	6018679	260	1	1	0	main constant striae
RUT930071a	14	373294	6020054	254	1	1	0	crescentic gouges
RUT930072a	14	373700	6021550	264	1	1	0	main constant, deep striae & crescentic gouges
RUT930072b	14	373700	6021550	310	2	1	0	constant, deep striae
RUT930073a	14	373389	6021737	260	1	1	1	deep, fine, constant striae
RUT930074a	14	372559	6025365	260	1	1	0	deep, fine, constant striae
RUT930075a	14	371800	6024583	260	1	1	0	deep, fine, constant striae
RUT930077a	14	369428	6020212	262	1	1	0	deep, fine, constant striae
RUT930078a	14	371729	6020623	258	1	1	1	constant, deep striae & crescentic gouges
RUT930081a	14	336150	5999675	176	1	2	0	deep, constant striae
RUT930082a	14	336500	6001025	180	1	1	0	main-constant, deep striae & crescentic gouges
RUT930082b	14	336500	6001025	260	1	1	0	deep crescentic gouges & poorly define striae
RUT930083a	14	334500	6001575	180	1	1	2	constant, deep , fine striae & crescentic gouges
RUT930083b	14	334500	6001575	270	1	1	1	constant striae & crescentic gouges
RUT930084a	14	327900	5997775	184	1	1	0	crescentic gouges & striae
RUT930084b	14	327900	5997775	252	1	1	0	crescentic gouges
RUT930085a	14	334750	6005275	184	1	1	2	striae
RUT930085b	14	334750	6005275	270	1	1	1	striae
RUT930086a	14	329475	6000850	260	1	1	0	constant, deep crescentic gouges
RUT930086b	14	329475	6000850	180	1	1	0	constant, deep crescentic gouges
RUT930087a	14	331950	6002075	180	1	1	0	deep crescentic gouges
RUT930087a	14	331075	6002875	270	1	1	1	constant, deep , fine striae
RUT930087b	14	331950	6002075	254	1	1	0	deep crescentic gouges
RUT930087b	14	331075	6002875	180	1	1	2	constant, deep , fine striae (main)
RUT930090a	14	330675	6005125	182	1	1	0	constant , fine striae & crescentic gouges
RUT930090b	14	330675	6005125	260	1	1	0	crescentic gouges(deep & small)
RUT930093a	13	692600	6017325	210	2	2	0	striae on dissolution surface
RUT930094a	14	304750	6015400	225	1	1	0	constant, deep crescentic gouges
RUT930097a	14	318175	6022675	210	1	1	0	constant, deep , fine striae (main)
RUT930098a	14	322100	6023325	235	1	1	2	constant, deep striae & cres gouges
RUT930098b	14	322100	6023325	210	1	1	1	striae
RUT930099a	14	322525	6023625	210	1	1	1	main- constant, deep, fine striae & cresc g
RUT930099b	14	322525	6023625	240	1	1	2	deep, fine striae
RUT930099c	14	322525	6023625	300	2	1	0	fine striae & cres gouges
RUT930101a	14	306275	6005550	200	1	1	0	main, constant, deep striae & cres gouges
RUT930101b	14	306275	6005550	270	1	1	0	deep crescentic gouges
RUT930102a	14	305450	6004725	250	1	1	0	deep crescentic gouges
RUT930105a	14	328500	6029550	206	1	1	1	main constant,fine,deep striae
RUT930105b	14	328500	6029550	219	1	1	2	constant,fine,deep striae
RUT930107a	14	330400	6028950	210	1	1	0	striae
RUT930108a	14	332525	6029650	210	1	1	0	main deep,fine striae
RUT930108b	14	332525	6029650	219	1	1	0	deep,fine striae
RUT930108c	14	332525	6029650	190	1	1	0	deep,fine striae
RUT930109a	14	332600	6029750	210	1	1	2	main constant, deep striae
RUT930109b	14	332600	6029750	230	1	1	3	constant,fine,deep striae
RUT930109c	14	332600	6029750	180	2	1	3	constant,fine,deep striae
RUT930109d	14	332600	6029750	140	2	1	1	fine striae on protected surface
RUT930113a	14	341739	6031305	235	1	1	0	deep, constant striae,main
RUT930118a	14	337050	6025775	235	1	1	0	constant striae underwater
RUT930124a	14	350042	6040576	130	2	1	1	fine striae
RUT930124b	14	350042	6040576	230	1	1	2	deep, constant striae
RUT930125a	14	350774	6041263	232	1	1	2	main, deep, constant striae
RUT930125b	14	350774	6041263	130	2	2	1	fine, deep, constant striae
RUT930127a	14	353082	6043466	230	1	1	0	main-shapes the outcrop and fine, deep striae
RUT930128a	14	353508	6044057	226	1	1	0	main-deep, constant striae
RUT930130a	14	352254	6045027	220	1	1	0	constant, deep striae and crescentic gouges

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
RUT930131a	14	351616	6044956	220	1	1	0	deep, constant striae-main
RUT930133a	14	353923	6036252	230	1	2	0	crescentic gouges
RUT930134a	14	353457	6037272	220	1	1	2	fine, constant,deep striae(main)
RUT930134b	14	353457	6037272	290	1	1	1	fine striae, less defined than a
RUT930134c	14	353457	6037272	180	1	2	0	crescentic gouges?
RUT930141a	14	349633	6056186	210	2	1	0	fine striae
RUT930142a	14	350238	6055744	200	1	1	0	fine,constant striae
RUT930144a	14	347516	6054045	206	1	1	0	constant striae
RUT930148a	14	345701	6053882	210	1	1	0	fine,constant striae
RUT930149a	14	346189	6051742	212	1	1	0	fine,constant striae
RUT930150a	14	387560	6050954	218	1	1	0	crescentic gouges & fine, constant striae
RUT930151a	14	385188	6050824	214	1	1	0	deep striae
RUT930152a	14	384797	6050772	212	1	1	0	fine, constant striae, 212-220
RUT930152b	14	384797	6050772	200	1	1	0	deep striae
RUT930153a	14	382815	6050328	220	1	1	1	deep,constant striae
RUT930153b	14	382815	6050328	244	1	1	2	fine striae
RUT930153c	14	382815	6050328	270	1	1	2	fine striae
RUT930153d	14	382815	6050328	288	1	1	2	fine striae
RUT930154a	14	382085	6050563	213	1	1	0	main-deep,constant striae
RUT930155a	14	380443	6050537	210	1	1	2	main-deep,constant striae
RUT930155b	14	380443	6050537	260	1	1	1	fine, constant striae
RUT930155c	14	380443	6050537	220	1	1	3	fine, constant striae
RUT930159a	14	349510	6049616	208	1	1	0	deep, constant striae
RUT930160a	14	350243	6049948	212	1	1	0	fine, constant striae
RUT930161a	14	351616	6050208	206	1	1	1	deep, constant striae
RUT930162a	14	352467	6048907	219	1	1	0	fine,deep,constant striae
RUT930163a	14	353129	6050373	214	1	1	0	fine,deep,constant striae
RUT930165a	14	355553	6055109	210	1	1	0	deep, constant striae
RUT930166a	14	353053	6053464	208	1	1	0	deep, constant striae
RUT930167a	14	350866	6052672	218	1	1	0	deep, constant striae
RUT930168a	14	348516	6052021	208	1	1	0	fine, constant striae
RUT930169a	14	357821	6053555	211	1	1	0	constant striae
RUT930170a	14	358986	6054780	220	1	1	0	deep, constant striae
RUT930172a	14	361326	6058625	210	1	1	0	large constant striae
RUT930174a	14	361667	6060969	208	1	1	0	deep, constant striae
RUT930177a	14	363711	6060709	200	1	1	0	constant striae
RUT930178a	14	365514	6061470	202	1	1	0	constant striae
RUT930180a	14	366937	6061671	200	1	1	0	constant striae
RUT930181a	14	368440	6061290	195	1	1	0	constant striae
RUT930182a	14	367418	6063234	205	1	1	0	deep, constant striae
RUT930183a	14	369602	6064416	209	1	1	0	deep, constant straiae
RUT930185a	14	371850	6065796	203	1	1	0	constant striae
RUT930185a	14	368580	6064516	208	1	1	0	main, deep, constant straie
RUT930187b	14	368580	6064516	220	1	1	0	few, deep striae
RUT930188a	14	365033	6062853	208	1	1	0	constant striae
RUT930189a	14	363551	6061771	208	1	1	0	constant striae
RUT930200a	14	387375	6024958	280	1	1	0	fine striae at the bottom of a hole
RUT930203a	14	373273	6048503	210	1	1	0	main, fine, constant striae
RUT930203b	14	373273	6048503	220	1	1	0	fine striae
RUT930204a	14	371630	6047773	210	1	2	0	deep striae
RUT930204b	14	371630	6047773	228	1	1	2	main, deep, fine, constant striae
RUT930204c	14	371630	6047773	129	1	1	1	striae, 128-130
RUT930206a	14	369915	6049249	210	1	1	0	deep,fine,constant striae, main
RUT930206b	14	369915	6049249	220	1	1	0	deep striae
RUT930209a	14	358624	6040554	190	1	1	1	fine, constant striae
RUT930209b	14	358624	6040554	270	1	1	2	main, constant, deep striae
RUT930209c	14	358624	6040554	290	1	1	0	striae
RUT930209d	14	358624	6040554	240	1	1	0	striae
RUT930211a	14	354788	6036717	242	1	1	2	fine,constant,striae, main
RUT930211b	14	354788	6036717	224	1	1	1	fine,constant striae on protected surface
RUT930212a	14	354455	6036540	242	1	1	2	fine striae
RUT930212b	14	354455	6036540	228	1	1	1	main, fine, constant striae
RUT930214a	14	351905	6035986	172	1	1	1	fine, constant striae on protected surface
RUT930214b	14	351905	6035986	150	1	1	1	fine striae nicely preserved
RUT930214c	14	351905	6035986	230	1	1	2	deep, constant striae, main
RUT930214d	14	351905	6035986	236	1	1	2	main, fine striae & crescentic gouges
RUT930217a	14	349266	6036163	230	1	1	0	deep, constant striae
RUT930217b	14	349266	6036163	236	1	1	0	main constant striae
RUT930218a	14	346506	6048055	200	1	1	0	fine and large deep striae, main
RUT930219a	14	346553	6048907	230	1	1	0	fine, constant striae
RUT930219b	14	346553	6048907	205	1	1	0	fine, constant striae, main
RUT930220a	14	345749	6049687	210	1	1	0	deep, constant striae
RUT930221a	14	346837	6050137	200	1	1	0	deep, constant striae
RUT93090a	14	374212	6049129	206	1	1	0	constant striae
SCZ930001a	13	669625	6087900	216	1	1	0	striae
SCZ930011a	13	668200	6092400	222	1	1	0	striae (range: 219-224)
SCZ930013a	13	669700	6092500	218	1	1	0	striae/grooves/crescentic gouges (range: 216-220)
SCZ930014a	13	669000	6094800	218	1	1	0	fine striae/smooth grooves/crescentic gouges
SCZ930016a	13	682625	6095075	218	1	2	0	poorly defined striae and small grooves on granitic otc
SCZ930020a	13	684975	6095375	194	1	2	0	poorly defined small striae and grooves
SCZ930023a	13	682650	6093500	220	1	1	0	fine well defined striae on felds/qtz-aggregates in pegmatite

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
SCZ930023b	13	682650	6093500	210	1	1	0	same as a
SCZ930025a	13	682875	6092100	220	1	1	0	fine well defined striae on polished pegmatite
SCZ930025b	13	682875	6092100	210	1	1	0	same as a
SCZ930026a	13	692150	6089600	224	1	1	0	fine well defined striae on polished pegmatite
SCZ930028a	13	691650	6090625	222	1	2	0	poorly defined grooves on streamlined gneissic outcrop
SCZ930030a	14	308200	6095700	231	1	1	0	fine well defined striae on felds/qtz-pegmatitic veins
SCZ930030b	14	308200	6095700	220	1	1	0	striae and chatter marks on gneissic outcrop
SCZ930034a	14	312075	6086075	224	1	1	0	fine well defined striae on felds/qtz-pegmatitic veins
SCZ930038a	13	692450	6065725	216	1	1	2	altered but well defined grooves
SCZ930038b	13	692450	6065725	206	1	1	1	grooves
SCZ930039a	14	308850	6068325	206	1	1	0	well-defined, fine striae on polished feldspar vein
SCZ930039b	14	308850	6068325	202	1	1	0	small grooves, well-defined
SCZ930039c	14	308850	6068325	180	1	1	0	well-defined grooves
SCZ930041a	13	691850	6059950	202	1	1	2	well-defined striae
SCZ930041b	13	691850	6059950	179	1	1	1	well-defined striae
SCZ930043a	13	691500	6063600	195	1	1	0	well-defined striae
SCZ930043b	13	691500	6063600	195	1	1	0	well-defined striae
SCZ930044a	14	312100	6068500	202	1	1	0	well-defined grooves
SCZ930045a	14	311400	6097410	215	1	2	0	very faint striae several sets 213-215
SCZ930046a	14	309550	6091700	212	1	2	0	faint microstriae
SCZ930046b	14	309550	6091700	202	1	2	0	faint microstriae
SCZ930054a	13	687634	6048225	190	1	1	0	well-defined grooves
SCZ930055a	13	687050	6048150	190	1	1	0	well-defined striae
SCZ930056a	13	685675	6049700	202	1	1	0	well-defined striae
SCZ930057a	13	686450	6050950	196	1	1	0	well-defined striae
SCZ930058a	13	686125	6052650	202	1	1	0	well-defined striae
SCZ930061a	13	676625	6080850	227	1	1	0	poorly defined striae and grooves length 10-30cm
SCZ930062a	13	684350	6088650	221	1	1	0	well defined microstriae
SCZ930063a	13	684875	6086800	223	1	2	0	poorly def striae and grooves (221-226) on smooth otc
SCZ930063b	13	684875	6086800	239	1	2	0	same as a Range: 238-240
SCZ930064a	14	310400	6077725	212	1	2	0	poorly defined striae on qz vein of nearby outcrop
SCZ930064b	14	310400	6077725	203	1	2	0	same as a
SCZ930069a	13	672872	6078513	202	1	1	0	well defined microstriae
SCZ930069b	13	672872	6078513	214	1	1	0	well defined grooves on polished horizontal otc
SCZ930077a	13	689180	6063900	192	1	1	0	good grooves and striae on top of outcrop
SPH920005a	13	686650	6084650	230	1	1	0	striae
SPH920005b	13	686650	6084650	215	1	1	0	striae
SPH920011a	13	669315	6082290	212	1	1	0	striae + grooves
SPH920013a	14	313350	6080645	223	2	2	0	striations
SPH920014a	14	311750	6080200	208	2	2	0	striae
SPH920015a	14	311725	6080000	208	1	1	0	striae
SPH920016a	14	312850	6078675	206	1	1	1	striae + grooves
SPH920016b	14	312850	6078675	226	1	2	1	striae (minor)
SPH920017a	14	312700	6078100	196	1	2	0	striae
SPH920017b	14	312700	6078100	220	1	2	0	striae
SPH920018a	14	313000	6076775	196	1	2	0	striae
SPH920018b	14	313000	6076775	208	1	2	0	striae
SPH920019a	14	312475	6075200	200	1	2	0	striae
SPH920020a	14	312900	6076110	190	2	1	0	striae
SPH920021a	14	312475	6073925	200	1	1	0	striae
SPH920023a	14	312050	6081520	207	2	2	0	striae
SPH920027a	14	313500	6081300	206	1	2	0	striae
SPH920028a	13	689200	6083200	220	1	1	0	striae
SPH920030a	14	309550	6077250	236	2	2	0	striae
SPH920031a	14	310925	6075550	197	1	1	1	striae (on side)
SPH920031b	14	310925	6075550	205	1	1	2	striae (on top)
SPH920033a	13	690000	6086525	220	2	1	0	striae
SPH920034a	14	307125	6088275	220	1	1	0	striae
SPH920036a	13	692370	6085370	235	1	2	0	striae (roches moutonnées)
SPH920037a	14	308100	6085100	222	1	2	0	striae
SPH920038a	13	308495	6084590	220	1	1	0	striae (concentric fractures)
SPH920039a	14	309460	6083240	220	1	1	0	striae
SPH920049a	13	689850	6079840	195	1	1	1	striae
SPH920049b	13	689850	6079840	240	1	1	2	striae
SPH920049c	13	689850	6079840	220	1	1	3	striae
SPH920050a	14	315110	6071280	200	1	1	0	striae + grooves
SPH920051a	14	312395	6072535	200	1	1	2	striae (dominant)
SPH920051b	14	312395	6072535	220	1	1	1	striae (faceted side)
SPH920052a	14	311180	6075365	208	1	1	0	striation
SPH920054a	13	687395	6079170	225	2	2	0	stiae
SPH920072a	14	312200	6071355	208	1	1	0	striae + grooves
SPH920072b	14	312200	6071355	203	1	1	0	striae + grooves
SPH920075a	14	313450	6076045	196	1	2	0	striae
SPH920076a	13	691160	6078895	211	1	1	1	striae
SPH920076b	13	691160	6078895	158	2	1	1	striae
SPH920077a	14	315300	6080945	191	1	1	0	striae
SPH930001a	13	669702	6090111	215	1	2	0	poorly defined; fine striae on feldspar laths
SPH930013a	13	670250	6090655	219	1	1	0	polished otc at base of hole; glacial grooves
SPH930019a	13	687625	6094470	214	1	2	0	poorly preserved on feldspar xl
SPH930020a	13	687950	6093275	209	1	1	0	polished feldspars in vein near lakeshore
SPH930022a	13	686100	6092660	204	1	1	0	striated quartz vein

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Measurement	UTM Zone	Easting	Northing	Direction	Sense	Definition	Age	Comments
SPH930025a	13	686200	6095400	218	1	1	0	214/222; polished quartz vein
SPH930028a	13	689450	6096150	207	1	1	0	fine striae on qtz vein in gneiss
SPH930030a	13	690880	6094260	217	1	1	0	striae on polished feldspar xl; delicate
SPH930032a	14	309525	6097375	206	1	1	0	striae + grooves at lake level on steeply dipping otc
SPH930034a	14	310360	6088200	228	1	1	0	polished feldspar + qtz on top of molded otc
SPH930034b	14	310360	6088200	206	1	1	0	taken at lake level; large felds xls; well defined
SPH930034c	14	310360	6088200	214	1	1	0	taken at lake level; large felds xls; well defined
SPH930035a	14	310860	6089700	217	1	1	0	excellent striae preserved under exotic boulder
SPH930036a	14	315100	6088575	221	1	1	0	polished dike on upper surface of otc
SPH930036b	14	315100	6088575	217	1	1	0	polished dike near lake level
SPH930037a	14	312600	6088450	209	1	1	0	qtz and felds xls in pegmatite dike on edge of otc
SPH930037b	14	312600	6088450	220	1	1	0	polished pegmatite dike near top of otc
SPH930038a	14	312800	6095225	217	1	1	0	polished dikes; excellent
SPH930039a	14	313675	6089225	226	1	1	0	excellent; on polished upper surface
SPH930041a	14	316500	6070100	200	1	2	0	molded otc; good striae
SPH930042a	14	314900	6069350	200	1	2	0	polished felds on granitoid rx; flat surface
SPH930044a	13	688960	6058900	203	1	1	0	crescentic marks on quartz vein
SPH930044a	13	688960	6058900	203	1	1	0	217-221; poorly def striae; polished felds xls in dikes
SPH930047a	13	663325	6090375	220	1	1	0	striae on molded otc
SPH930051a	14	310100	6084050	221	1	1	0	well defined striae on molded otc
SPH930052a	13	684750	6080600	221	1	2	0	grooves at lake edge Somewhat weathered
SPH930053a	13	674850	6075450	200	1	1	0	fine striae; all over otc-surface; relationship difficult
SPH930054a	13	673500	6076380	209	1	1	0	fine striae crudely distributed on otc surface
SPH930062a	14	312600	6060345	211	1	1	0	126-131and 171/351, fine striae locally preserved, cuts main flow
SPH930062b	14	312600	6060345	214	1	2	0	flat polished outcrop, well defined
SPH930063a	14	312300	6061500	214	1	1	0	very well developed grooves
SPH930064a	14	307535	6059175	201	1	1	0	glacial grooves
SPH930065a	14	309265	6061850	202	1	1	0	grooves
SPH930068a	14	308350	6055100	197	1	1	0	grooves at lake edge Somewhat weathered
SPH930071a	14	315000	6064100	209	1	1	2	fine striae; all over otc-surface; relationship difficult
SPH930071b	14	315000	6064100	194	1	1	1	fine striae crudely distributed on otc surface
SPH930071c	14	315000	6064100	129	2	2	3	126-131and 171/351, fine striae locally preserved, cuts main flow
SPH930072a	14	313140	6083400	211	1	1	0	flat polished outcrop, well defined
WAT920002a	14	439234	6055866	210	1	1	2	striae
WAT920002b	14	439234	6055866	200	1	1	1	striae
WAT920002c	14	439234	6055866	270	1	1	0	striae
WAT920003a	14	488055	5985224	230	1	1	1	striae
WAT920003b	14	488055	5985224	130	2	1	1	striae
WAT920003c	14	488055	5985224	190	2	1	2	striae
WAT920013a	14	452986	6046253	260	1	1	2	striae
WAT920013b	14	452986	6046253	240	1	1	1	striae
WAT920013c	14	452986	6046253	140	2	1	3	striae
WAT920015a	14	452428	6046513	240	1	1	1	striae
WAT920015b	14	452428	6046513	156	2	1	2	striae
WAT920016a	14	450336	6046454	242	1	1	0	crescentic gouges
WAT920021a	14	446301	6053418	224	1	1	3	main striae & grooves
WAT920021b	14	446301	6053418	254	1	2	0	fine striae
WAT920021c	14	446301	6053418	356	2	2	0	fine striae
WAT920021d	14	446301	6053418	140	2	1	1	fine striae
WAT920021e	14	446301	6053418	204	1	1	2	large grooves & striae
WAT920022a	14	443149	6054500	222	1	1	0	main striae
WAT920022b	14	443149	6054500	246	1	2	0	striae
WAT920022c	14	443149	6054500	360	2	2	0	striae
WAT920022d	14	443149	6054500	280	2	1	0	striae
WAT920023a	14	442091	6056162	210	1	1	2	main striae
WAT920023b	14	442091	6056162	190	2	1	1	striae
WAT920024a	14	441738	6056155	210	1	1	2	main striae
WAT920024b	14	441738	6056155	187	2	1	1	striae
WAT920025a	14	441316	6056097	210	1	1	2	striae
WAT920025b	14	441316	6056097	190	1	1	1	striae on protected surface
WAT920026a	14	440380	6056060	218	1	1	0	main striae
WAT920026b	14	440380	6056060	178	2	1	2	striae
WAT920026c	14	440380	6056060	156	2	2	0	striae (fine)
WAT920026d	14	440380	6056060	280	2	2	1	striae
WAT920026e	14	440380	6056060	244	2	2	0	fine striae
WAT920027a	14	440077	6056042	212	1	1	2	striae (main)
WAT920028a	14	439620	6056004	210	1	1	2	striae and grooves
WAT920028b	14	439620	6056004	162	2	1	0	striae
WAT920028c	14	439620	6056004	250	2	1	3	striae and grooves
WAT920028d	14	439620	6056004	302	2	2	4	striae (fine)
WAT920028e	14	439620	6056004	192	2	2	1	striae
WAT920029a	14	439360	6055986	210	1	1	0	striae (main)
WAT920029b	14	439360	6055986	302	1	1	0	striae
WAT920029c	14	439360	6055986	130	2	1	0	striae
WAT920030a	14	436653	6054329	220	1	1	2	striae (main)
WAT920030b	14	436653	6054329	270	2	2	1	striae
WAT920030c	14	436653	6054329	210	1	1	0	crescentic fractures & striae
WAT920031a	14	436098	6054165	220	1	1	3	striae
WAT920031b	14	436098	6054165	210	1	1	2	striae
WAT920031c	14	436098	6054165	160	2	2	1	striae
WAT920033a	14	435643	6054138	220	1	1	2	striae (main)

Appendix II: Ice Flow Indicators

Measurement	UTM Zone	Easting	Northing	Direc-tion	Sense	Defi-nition	Age	Comments
WAT920033b	14	435643	6054138	252	1	2	0	striae
WAT920033c	14	435643	6054138	210	1	1	1	striae
WAT920034a	14	441520	6056933	210	1	2	0	striae
WAT920035a	14	440601	6058637	210	1	2	0	grooves
WAT920038a	14	449072	6056767	210	1	2	0	fine striae
WAT920039a	14	449148	6057254	208	1	1	2	striae (main)
WAT920039b	14	449148	6057254	188	2	1	1	fine striae
WAT920040a	14	449527	6058315	202	1	2	0	striae
WAT920041a	14	449722	6058608	200	1	1	0	striae
WAT920042a	14	451023	6062462	200	1	1	0	striae
WAT920043a	14	433442	6053269	220	1	1	3	striae + grooves
WAT920043b	14	433442	6053269	254	1	2	0	striae
WAT920043c	14	433442	6053269	178	1	1	1	striae
WAT920043d	14	433442	6053269	204	1	1	2	striae + grooves
WAT920046a	14	435292	6053900	220	1	1	0	striae + grooves
WAT920048a	14	431592	6053014	222	1	1	0	striae + grooves
WAT920048b	14	431569	6053021	260	1	1	0	striae
WAT920049a	14	430441	6053371	226	1	1	3	striae+grooves(main)
WAT920049b	14	430441	6053371	205	1	1	2	striae+some grooves
WAT920049c	14	430441	6053371	160	2	2	1	striae
WAT920049d	14	430441	6053371	130	2	2	4	striae
WAT920052a	14	421446	6051770	222	1	2	0	poor striae
WAT920053a	14	421011	6051809	232	1	1	0	striae+grooves(main)
WAT920055a	14	418862	6051768	210	1	1	0	crescentic fractures
WAT920055b	14	418862	6051768	242	1	2	0	crescentic fractures
WAT920067a	14	407751	6048474	228	1	1	0	crescentic fractures
WAT920079a	14	401189	6049566	214	1	2	0	striae
WAT920080a	14	400978	6048860	228	2	1	0	fine striae
WAT920083a	14	400879	6049103	230	1	1	0	striae
WAT920083b	14	400879	6049103	210	1	1	0	striae(main)
WAT920085a	14	448838	6057292	206	1	1	0	striae(main)
WAT920085b	14	448838	6057292	156	1	1	0	striae
WAT920086a	14	443601	6063696	185	1	1	0	striae
WAT920087a	14	442286	6064116	204	1	1	0	striae
WAT920088a	14	441511	6063631	200	1	1	0	striae
WAT920089A	14	440700	6063586	200	1	1	0	striae
WAT920090a	14	438825	6062657	205	1	1	0	striae
WAT920092a	14	443606	6064777	208	1	1	0	striae
WAT920092b	14	443606	6064777	190	2	2	0	striae
WAT920095a	14	396164	6048856	228	1	1	1	striae + grooves
WAT920095b	14	396164	6048856	295	2	2	2	striae
WAT920103a	14	436651	6109532	190	1	4	0	roches moutonnées
WAT920104a	14	475694	6109933	230	1	4	0	roches moutonnées
WAT920106a	14	474292	6096980	340	2	2	0	microstriae
WAT920106b	14	474292	6096980	186	1	1	0	microstriae
WAT920106c	14	474292	6096980	251	1	2	0	microstriae
WAT920109a	14	466628	6075287	210	2	2	0	microstriae
WAT920109b	14	466628	6075287	194	1	1	0	grooves
WAT920114a	14	392048	6049951	215	1	1	0	striae + grooves
WAT920116a	14	390360	6051099	216	1	1	1	striae
WAT920117a	14	389335	6051273	218	1	1	0	striae + grooves
WAT920117b	14	389335	6051273	285	1	2	2	fine striae
WAT920118a	14	413358	6054491	218	1	1	0	striae
WAT920119a	14	414012	6053834	195	1	1	1	main striae
WAT920119b	14	414012	6053834	218	1	1	2	striae
WAT920123a	14	402664	6050652	224	1	1	0	main striae
WAT920124a	14	402227	6050871	200	1	1	1	striae + grooves
WAT920124b	14	402227	6050871	224	1	1	2	striae
WAT920125a	14	401609	6051214	198	1	1	1	striae
WAT920125b	14	401609	6051214	223	1	1	2	striae (fine + old)
WAT920136a	14	449199	6056061	206	1	1	2	striae
WAT920136b	14	449199	6056061	177	1	1	1	striae
WAT920139a	14	448917	6055007	212	1	1	0	striae, crescentic g
WAT920140a	14	450118	6055311	212	1	1	1	striae, crescentic g

APPENDIX III. Sample Description

LEGEND:

Sediment code	Interpretation of sediment sample type
	T - till, deposited directly by ice
	FT - flow till, deposited by ice as gravity sediment flow
	D - diamicton, undifferentiated glacial diamict
	GF - glaciofluvial material
	GL - coarse glaciolacustrine sediments
	FGL - fine glaciolacustrine sediments
	A - alluvial sediment
	H - humus
	O - organic matter
	C - calcareous precipitation layer
	COL - colluvium
	E - eolian sediment
	R - rock sample
	S - freshwater shells

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
84BSC0770		13	677250	6121600	Till						T		
84BSC0773		13	666600	6113900	Till						T		
84BSC0775		13	676150	6115700	Till						T		
84BSC0776		13	685600	6116750	Till						T		
84BSC0778		13	679100	6102900	Till						T		
84BSC0780		13	657200	6104350	Till						T		
84BSC0877		13	640185	6121236	Upper Till						T		
84BSC0878		13	636652	6109118	Till						T		
84BSC0879		13	636170	6104796	Upper Till						T		
84BSC0914		13	639353	6108443	Till						T		
84BSC0916		13	643515	6110566	Till						T		
84ECH0060		13	642926	6080726	Till						T		
84ECH0068		13	643694	6085480	Till						T		
84ECH0070		13	642809	6094653	Till						T		
84ECH0078		13	637161	6071365	Till						T		
84ECH0120		13	634100	6084900	Till						T		
84ECH0145		13	678000	6096000	Till						T		
84ECH0146		13	686734	6096157	Till						T		
84ECH0147		13	661500	6076100	Upper Till						T		
84ECH0150		13	688200	6074300	Till						T		
84ECH0152		14	309568	6097365	Till						T		
84ECH0155		14	316143	6058979	Till						T		
84ECH0156		13	684000	6065200	Till						T		
84ECH0157		13	680100	6049200	Till						T		
84ECH0158		13	675300	6056600	Till						T		
84ECH0159		13	673409	6061896	Till						T		
84ECH0161		13	665900	6065300	Till						T		
84ECH0162		13	662700	6053900	Till						T		
84ECH0163		13	645500	6065100	Till						T		
86KDA0350		14	348743	6011415	Till	30			greyish brown		T	Sandy	
86KDA0351		14	369100	6113000	Till	30			olive brown	2.5Y 4/4	T	Silty	
86KDA0352		14	370900	6115850	Till	60			yellowish brown	10YR 5/4	T	Silty	
86KDA0353		14	371625	6122100	Till	30			yellowish brown	10YR 5/4	T	Silty	
86KDA0354		14	363800	6118500	Till	30			dark brown	10YR 4/3	T	Silty-sandy	
86KDA0360		14	365425	6110150	Till	35			reddish brown		T	Silty	
86KDA0361		14	365400	6109075	Till	15			greyish brown	2.5Y 5/2	T	Silty	
86KDA0362		14	365050	6108525	Till	20			olive grey		T	Silty	
86KDA0363		14	364900	6108000	Till	20			olive		T	Silty	
86KDA0364		14	364500	6107450	Till	5			olive		T	Silty	
86KDA0365		14	364900	6106900	Till	30			olive grey		T	Silty	
86KDA0366		14	364775	6106575	Till	20			olive grey		T	Silty	1
86KDA0367		14	364775	6106275	Till	35			olive		T	Silty	2
86KDA0368		14	365200	6104850	Till	20			olive		T	Silty	
86KDA0369		14	365500	6104275	Till	30			olive grey		T	Silty	
86KDA0370		14	365450	6103800	Till	15			olive grey		T	Silty	
86KDA0371		14	365225	6103075	Till	25			olive grey		T	Silty	
86KDA0372		14	365550	6102700	Till	25			olive grey		T	Silty	
86KDA0373		14	365900	6101950	Till	40			olive grey		T	Silty	
86KDA0374		14	365475	6099800	Till	90			olive		T	Silty	
86KDA0375		14	364800	6098425	Till	40			olive grey		T	Silty	
86KDA0376		14	364200	6097875	Till	10			olive	5Y 4/3	T	Sandy	
86KDA0377		14	363250	6096850	Till	15			olive grey		T	Sandy	
86KDA0378		14	361700	6096525	Till	5			greyish brown		T	Silty	
86KDA0410		14	360610	6123520	Till	35			reddish brown		T	Sandy	
86KDA0414		14	366450	6120860	Till	50			brownish grey		T	Sandy	
86KDA0415		14	350400	6122380	Till	50			brownish grey		T	Sandy	
86KDA0428		14	342750	6124550	Till	55			light grey	2.5Y 7/2	T	Sandy	
86KDA0429		14	347080	6122270	Till	35			olive brown		T	Silty	
86KDA0430		14	350670	6118980	Till	40			pale yellow	5Y 7/3	T	Sandy	
86KDA0437		14	362150	6104675	Till	40			olive		T	Sandy	
86KDA0438		14	359450	6098500	Till	40			light grey	2.5Y 7/2	T	Sandy	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
86KDA0439		14	355200	6100550	Till	85			reddish brown		T	Sandy	
86KDA0440		14	356750	6105350	Till	45			reddish brown		T	Sandy	
86KDA0448		14	352800	6103550	Till	50			olive	5Y 5/3	T	Silty-sandy	
86KDA0449		14	357100	6111200	Till	50			light grey	5Y 7/2	T	Sandy	
86KDA0458		14	351500	6118750	Till	35			olive		T	Sandy	
86KDA0459		14	344725	6119700	Till	40			light brownish grey	2.5Y 6/2	T	Sandy - silty	
86KDA0460		14	344800	6112650	Till	40			olive	5Y 5/3	T	Sandy	
86KDA0468		14	371175	6106600	Till	35			light olive brown	2.5Y 5/6	T	Silty	
86KDA0479		14	375980	6111650	Till	20			pale olive	5Y 6/3	T	Sandy	
86KDA0480		14	360575	6096250	Till				greyish brown	2.5Y 5/2	T	Sandy	
86KDA0481		14	359600	6094950	Till	48			light olive brown	2.5Y 5/6	T	Sandy	
86KDA0482		14	358700	6095000	Till	18			grey		T	Sandy	
86KDA0483		14	358100	6095025	Till				olive		T	Silty	
86KDA0484		14	357750	6094500	Till	25			pale olive	5Y 6/3	T	Sandy	
86KDA0485		14	356300	6092150	Till	20			olive grey		T	Sandy	
86KDA0486		14	357800	6091950	Till	10			light grey	2.5Y 7/2	T	Silty	
86KDA0490		14	355250	6090900	Till	20			light grey	2.5Y 7/2	T	Sandy	
86KDA0491		14	352650	6089400	Till	15			olive	5Y 5/3	T	Silty-sandy	
86KDA0492		14	347000	6088925	Till				olive brown	2.5Y 4/4	T	Sandy	
86KDA0498		14	389650	6101900	Till	40			light grey	5Y 7/2	T	Sandy	
86KDA0499		14	381050	6104250	Till	35			light grey	5Y 7/2	T	Sandy	
86KDA0500		14	385875	6106575	Till	30			light yellowish brown	2.5Y 6/4	T	Silty	
86KDA0506		14	382225	6112175	Till	25			olive	5Y 5/3	T	Silty	
86KDA0507		14	387250	6112600	Till	45			brown		T	Silty	
86KDA0508		14	385100	6118325	Till	35			pale yellow	2.5Y 7/4	T	Sandy	
86KDA0509		14	388350	6121225	Till	45			reddish brown		T	Sandy	
86KDA0515		14	396350	6096700	Till	93			pale olive	5Y 6/3	T	Silty	
86KDA0516		14	395800	6101700	Till	45			light olive brown	2.5Y 5/4	T	Sandy	
86KDA0517		14	398200	6106850	Till	55			light olive brown	2.5Y 5/4	T	Silty	
86KDA0518		14	396100	6110750	Till	75			very pale brown	10YR 7/3	T	Sandy	
86KDA0519		14	390450	6115750	Till	75			pale yellow	5Y 7/3	T	Silty	
86KDA0520		14	343500	6088425	Till	55			light grey	5Y 7/2	T	Sandy	
86KDA0521		14	342975	6092675	Till				light grey	5Y 7/2	T	Sandy	
86KDA0522		14	342800	6095850	Till	155			light grey	5Y 7/2	T	Sandy	
86KDA0523		14	347300	6098200	Till	70			light grey	2.5Y 7/2	T	Sandy	
86KDA0524		14	348200	6098375	Till	200			olive		T	Sandy	
86KDA0525		14	347800	6101550	Till	150			olive grey	5Y 5/2	T	Sandy	
86KDA0539		14	395750	6118100	Till	35			light yellowish brown	2.5Y 6/4	T	Silty	
86KDA0540		14	345150	6109325	Till	18			olive brown		T	Sandy	
86KDA0541		14	344850	6107425	Till	100			olive		T	Sandy	
86KDA0542		14	344700	6106125	Till	100			light olive grey	5Y 6/2	T	Sandy	
86KDA0543		14	343325	6104050	Till	100			olive		T	Sandy	
86KDA0544		14	342875	6102750	Till	55			olive		T	Sandy	
86KDA0545		14	342900	6100700	Till	100			white	2.5Y 8/2	T	Sandy	
86KDA0546		14	392700	6123000	Till	30			light olive brown	2.5Y 5/4	T	Silty	
86KDA0547		14	402550	6121150	Till	25			reddish brown		T	Sandy	
86KDA0554		14	402300	6116950	Till	85			light yellowish brown	2.5Y 6/4	T	Silty	
86KDA0555		14	401300	6104100	Till	43			light olive brown	2.5Y 5/4	T	Silty	
86KDA0556		14	401650	6099250	Till	57			light yellowish brown	2.5Y 6/4	T	Sandy	
86KDA0600		14	341925	6086100	Till	35			olive		T	Silty-sandy	
86KDA0601		14	341250	6084750	Till	200			olive	5Y 4/3	T	Sandy	
86KDA0602		14	343100	6086350	Till	180			olive	5Y 4/3	T	Sandy	
86KDA0603		14	354800	6090550	Till	330			olive		T	Sandy	
86KDA0608		14	331200	6098525	Till				olive		T	Sandy	
86KDA0609		14	331625	6098300	Till	200			olive		T	Silty-sandy	
86KDA0610		14	356750	6093000	Till	175			pale olive	5Y 6/3	T	Sandy	
86KDA0611		14	360200	6096100	Till	300			olive		T	Sandy	2
86KDA0612		14	360200	6096100	Till	171			olive		T	Sandy	1
86KDA0613		14	363000	6096700	Till	48			olive brown		T	Silty	1
86KDA0614		14	363000	6096700	Till	70			olive	5Y 5/3	T	Sandy	2
86KDA0615		14	363250	6096950	Till	244			olive		T	Sandy	1

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
86KDA0616		14	363250	6096950	Till	259			blue grey		T	Silty	2
86KDA0617		14	365125	6098650	Till	100			olive brown		T	Sandy	
86KDA0618		14	332500	6098050	Till	190			light brownish grey	2.5Y 6/2	T	Sandy	
86KDA0619		14	373050	6100000	Till	190			light olive brown	2.5Y 5/4	T	Sandy	
86KDA0650		14	371150	6100050	Till	400			olive	5Y 5/3	T	Sandy	
86KDA0651		14	370150	6099500	Till	200			olive		T	Sandy	
86KDA0652		14	369800	6099800	Till	300			yellowish brown	10YR 5/4	T	Sandy	
86KDA0653		14	367600	6098900	Till	60			brownish yellow	10YR 6/6	T	Silty-sandy	
86KDA0654		14	434800	6081150	Till	100			pale olive	5Y 6/3	T	Sandy	
86KDA0655		14	433300	6083750	Till				olive grey	5Y 5/2	T	Sandy	
86KDA0704		14	415000	6121000	Till	47			light yellowish brown	10YR 6/4	T	Sandy	
86KDA0705		14	428000	6120200	Till	65			brownish grey		T	Sandy	
86KDA0706		14	433300	6115600	Till	25			light grey	10YR 7/2	T	Silty	
86KDA0707		14	426600	6112000	Till	52			light olive brown	2.5Y 5/4	T	Sandy	
86KDA0708		14	421800	6117300	Till	78			greyish brown		T	Sandy	
86KDA0709		14	333800	6104700	Till	35			olive	5Y 5/3	T	Sandy	
86KDA0710		14	330350	6110100	Till	40			light brownish grey	2.5Y 6/2	T	Sandy	
86KDA0711		14	334050	6109850	Till	40			light grey	10YR 7/2	T	clayey	
86KDA0712		14	419400	6098000	Till	65			brownish grey		T	Sandy	
86KDA0713		14	424500	6098800	Till	50			yellowish brown	10YR 5/4	T	Sandy	
86KDA0714		14	435000	6104300	Till	70			brown	10YR 5/3	T	Silty	
86KDA0715		14	429800	6100500	Till	60			light grey	5Y 7/2	T	Silty	
86KDA0716		14	422300	6108400	Till	45			brownish grey		T	Sandy	
86KDA0717		14	418600	6104500	Till	40			pale yellow	5Y 7/3	T	Silty	
86KDA0718		14	334600	6118700	Till	10			light grey	10YR 7/2	T	Sandy	
86KDA0719		14	332550	6123800	Till	35			brown		T	Sandy	
86KDA0720		14	327300	6125250	Till	70			light yellowish brown	2.5Y 6/4	T	Sandy	
86KDA0721		14	322950	6115600	Till	45			light olive brown	2.5Y 5/4	T	Sandy	
86KDA0727		14	319050	6125930	Till	55			light grey	5Y 7/2	T	Sandy	
86KDA0728		14	316750	6118600	Till	45			light olive brown	2.5Y 5/4	T	Sandy	
86KDA0729		14	316600	6102200	Till	10			pale yellow	5Y 7/3	T	Sandy	
86KDA0730		14	320550	6100820	Till	15			light brownish grey	2.5Y 6/2	T	Sandy	
86KDA0731		14	327400	6107200	Till	75			light yellowish brown	2.5Y 6/4	T	Silty	
86KDA0732		14	327550	6110850	Till	45			white	2.5Y 8/2	T	Silty	
86KDA0733		14	407000	6103100	Till	40			greyish brown		T	Sandy	
86KDA0734		14	410500	6101300	Till	50			light yellowish brown	10YR 6/4	T	Sandy	
86KDA0735		14	417400	6111900	Till	25			light grey	2.5Y 7/2	T	Sandy	
86KDA0736		14	413400	6114900	Till	55			yellowish brown	10YR 5/4	T	Clayey	
86KDA0737		14	406800	6112000	Till	50			light brownish grey	2.5Y 6/2	T	Sandy	
86KDA3216		14	365650	6101300	Till	380			olive		T	Sandy	18
86KDA3217		14	365650	6101300	Till	365			olive		T	Silty clayey	17
86KDA3218		14	365650	6101300	Till	345			olive		T	Silty-sandy	16
86KDA3219		14	365650	6101300	Till	325			olive		T	Silty-sandy	15
86KDA3220		14	365650	6101300	Till	305			olive		T	Sandy	14
86KDA3221		14	365650	6101300	Till	285			olive		T	Sandy	13
86KDA3222		14	365650	6101300	Till	265			olive		T	Sandy	12
86KDA3223		14	365650	6101300	Till	245			olive		T	Sandy	11
86KDA3224		14	365650	6101300	Till	225			brown		T	Sandy	10
86KDA3225		14	365650	6101300	Till	205			olive		T	Sandy	9
86KDA3226		14	365650	6101300	Till	185			olive		T	Sandy	8
86KDA3227		14	365650	6101300	Till	165			olive		T	Sandy silt pods	7
86KDA3228		14	365650	6101300	Till	145			olive		T	Sandy silt pods	6
86KDA3229		14	365650	6101300	Till	125			olive		T	Sandy	5
86KDA3230		14	365650	6101300	Till	110			olive	5Y 5/3	T	Sandy - silty	4
86KDA3231		14	365650	6101300	Till	90			olive brown		T	Sandy - silty	3
86KDA3232		14	365650	6101300	Till	70			brown		T	Sandy - silty	2
86KDA3235		14	369800	6099850	Till	348			olive		T	Sandy	17
86KDA3236		14	369800	6099850	Till	328			olive		T	Sandy	16
86KDA3237		14	369800	6099850	Till	308			olive		T	Sandy	15
86KDA3238		14	369800	6099850	Till	288			olive		T	Sandy	14
86KDA3239		14	369800	6099850	Till	273			olive		T	Sandy	13

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
86KDA3240		14	369800	6099850	Till	253			olive		T	Sandy	12
86KDA3241		14	369800	6099850	Till	233			olive		T	Sandy	11
86KDA3242		14	369800	6099850	Till	213			olive		T	Sandy	10
86KDA3243		14	369800	6099850	Till	193			olive		T	Sandy	9
86KDA3244		14	369800	6099850	Till	173			olive		T	Sandy	8
86KDA3245		14	369800	6099850	Till	153			light grey	2.5Y 7/2	T	Sandy	7
86KDA3249		14	369800	6099850	Till	73			brown		T	Sandy stoney	3
86KDA3250		14	369800	6099850	Till	58			brown		T	Sandy stoney	2
86KDA3259		14	332950	6058150	Till	305			grey		T	Sandy	9
86KDA3260		14	332950	6058150	Till	285			grey		T	Sandy	8
86KDA3261		14	332950	6058150	Till	265			grey		T	Sandy	7
86KDA3262		14	332950	6058150	Till	245			light grey	5Y 7/2	T	Sandy	6
86KDA3263		14	332950	6058150	Till	229			grey		T	Sandy	5
86KDA3269		14	319150	6070700	Humus	38					H		0
86KDA3272		14	319150	6070700	Till	115			brown		T	Sandy	3
86KDA3273		14	319150	6070700	Till	130			pale olive	5Y 6/3	T	Sandy pebbly	4
86KDA3274		14	318750	6070550	Humus	4					H		0
86KDA3276		14	318750	6070550	Till	25			brown		T	Sandy	2
86KDA3277		14	318750	6070550	Till	90			grey		T	Sandy	3
86KDA3278		14	318150	6070750	Humus	4					H		0
86KDA3280		14	318150	6070750	Till	20			brown		T	Sandy	2
86KDA3281		14	318150	6070750	Till	90			light brownish grey	2.5Y 6/2	T	Sandy	3
86KDA3282		14	317600	6071000	Humus	4					H		0
86KDA3284		14	317600	6071000	Till	100			brown		T	Sandy	2
86KDA3285		14	317600	6071000	Till	169			olive grey	5Y 5/2	T	Sandy	3
86KDA3286		14	317600	6071000	Humus	5					H		0
86KDA3287		14	317600	6071000	Till	15			brown		T	Silty-sandy	1
86KDA3288		14	317600	6071000	Till	55			grey		T	Silty	2
86KDA3290		14	316500	6072050	Till	40			brown		T	Sandy	2
86KDA3291		14	316500	6072050	Till	120			grey		T	Sandy	3
86KDA3292		14	316500	6072050	Till	20			very pale brown	10YR 7/3	T	Silty	1
86KDA3293		14	317700	6072700	Humus	10					H		0
86KDA3296		14	317700	6072700	Till	100			grey		T	Sandy	3
86KDA3298		14	318200	6072200	Till	20			reddish brown		T	Sandy	2
86KDA3299		14	318200	6072200	Till	90			grey		T	Sandy	3
86KDA3300		14	318200	6072200	Humus	5					H		0
86KDA3302		14	316900	6071550	Humus	46					H		0
86KDA3304		14	316900	6071550	Till	52			brown		T	Sandy	3
86KDA3305		14	316900	6071550	Till	75			grey		T	Silty	4
86KDA3306		14	319050	6071500	Humus	8					H		0
86KDA3308		14	319050	6071500	Till	20			brown		T	Silty	2
86KDA3309		14	319050	6071500	Till	110			olive grey	5Y 5/2	T	Silty	3
86KDA3312		14	319750	6070200	Till	40			grey		T	Silty	3
86KDA3313		14	319750	6070200	Humus	5					H		0
86KDA3314		14	327600	6063200	Humus	10					H		
86KDA3318		14	321250	6066250	Humus	14					H		0
86KDA3320		14	321250	6066250	Till	25			brown		T	Sandy	2
86KDA3321		14	321250	6066250	Till	57			light brownish grey	2.5Y 6/2	T	Silty	3
86KDA3322		14	317450	6073250	Humus	10					H		0
86KDA3324		14	317450	6073250	Till	30			brown		T	Sandy	2
86KDA3325		14	317450	6073250	Till	60			grey		T	Silty	3
86KDA3327		14	317400	6073850	Humus	8					H		
86KDA3331		14	317500	6074550	Humus	3					H		0
86KDA3334		14	317500	6074550	Till	110			light grey	2.5Y 7/2	T	Sandy	3
86KDA3337		14	321225	6066850	Till	15			reddish brown		T	Sandy - silty	1
86KDA3338		14	321225	6066850	Till	95			dark grey		T	Silty	2
86NIE0008		14	346297	6011270	Till						T		
86NIE0009		14	373614	6020315	Till						T		
86NIE0010		14	368901	6014837	Till						T		
86NIE0011		14	346054	6013436	Till						T		
86NIE0012		14	355723	6037821	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
86NIE0013		14	366915	6044777	Till						T		
86NIE0017		14	346438	6034385	Till						T		
86NIE0018		14	345963	6054614	Till						T		
86NIE0021		14	410742	6046871	Till						T		
86NIE0022		14	406269	6046794	Till						T		
86NIE0023		14	346220	6034370	Till						T		
86NIE0024		14	328885	6039582	Till						T		
86NIE0025		14	360096	6041170	Till						T		
86NIE0026a		14	363422	6043503	Till						T		
86NIE0027		14	321275	6066350	Till						T		
86NIE0028a		14	346531	6043603	Till						T		
86NIE0028b		14	346531	6043603	Till						T		1
86NIE0029		14	351852	6044478	Till						T		2
86NIE0030		14	352257	6039250	Till						T		
86NIE0031		14	333763	6014746	Till						T		
86NIE0033		14	323861	6064571	Till						T		
86NIE0034		14	333162	6058085	Till						T		
86NIE0035		14	327296	6063677	Till						T		
86NIE0036		14	325128	6067144	Till						T		
86NIE0037		14	323711	6066754	Till						T		
86NIE0038		14	321862	6063799	Till						T		
86NIE0039		14	319676	6070568	Till						T		
86NIE0047		14	323272	6081664	Till						T		
86NIE0048		14	345021	6108482	Till						T		
86NIE0053		14	347768	6098211	Till						T		
86NIE0054		14	347748	6101300	Till						T		
86NIE0062		14	336922	6059230	Till						T		
86NIE0063		14	346525	6046942	Till						T		
86NIE0064		14	344663	6018489	Till						T		
86NIE0065		14	362236	6096111	Till						T		
86NIE0066		14	365373	6103120	Till						T		1
86NIE0067		14	365373	6103120	Till						T		2
86NIE0068		14	317865	6081332	Till						T		
86NIE0069		14	319824	6081942	Till						T		
86NIE0072		14	322705	6081650	Till						T		
86NIE0075		14	384247	5992878	Till						T		
86NIE0076		14	351269	6045797	Till						T		
86NIE0077		14	353838	6044890	Till						T		
86NIE0078		14	352467	6042891	Till						T		
86NIE0079		14	362078	6043216	Till						T		
86NIE0080		14	368494	6042391	Till						T		
86NIE0081		14	369371	6051246	Till						T		
86NIE0082		14	370678	6050787	Till						T		
86NIE0083		14	361871	6042315	Till						T		
86NIE0084		14	361969	6042581	Till						T		
86NIE0085		14	340937	6084761	Till						T		
86NIE0086		14	343068	6086134	Till						T		
86NIE0087		14	354731	6090342	Till						T		
86NIE0088		14	356857	6093470	Till						T		
86NIE0089		14	363309	6096755	Till						T		
86NIE0090		14	363785	6097151	Till						T		1
86NIE0090a		14	363785	6097151	Till						T		2
86NIE0094		14	360301	6095821	Till						T		
86NIE0095		14	432296	6083032	Till						T		
86NIE0097		14	431085	6085257	Till						T		
86NIE0098		14	385171	6047859	Till						T		
86NIE0099		14	392669	6049590	Till						T		
86NIE0100		14	393679	6048970	Till						T		
86NIE0101		14	401219	6049276	Till						T		
86NIE0102		14	404864	6042061	Till						T		
86NIE0103		14	408293	6042584	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
86NIE0105		14	420323	6051879	Till						T		
86NIE0107		14	408020	6045297	Till						T		
86NIE0108		14	407745	6044140	Till						T		
86NIE0109		14	406785	6046082	Till						T		
86NIE0110		14	405110	6044456	Till						T		
86NIE0111		14	407409	6046977	Till						T		
86NIE0112		14	413434	6048968	Till						T		
88KSN01		14	340992	6099331	Till						T		
88KSN02		14	344644	6109719	Till						T		
88KSN03		14	344658	6109344	Till						T		
88KSN04		14	344590	6108950	Till						T		
88KSN05		14	344612	6108190	Till						T		
88KSN06		14	344617	6107786	Till						T		
88KSN07		14	344608	6107186	Till						T		
88KSN08		14	344521	6106600	Till						T		
88KSN09		14	344655	6106610	Till						T		
88KSN10		14	344628	6106125	Till						T		
88KSN11		14	344467	6105650	Till						T		
88KSN12		14	344121	6105311	Till						T		
88KSN13		14	343824	6104893	Till						T		
88KSN14		14	343579	6104415	Till						T		
88KSN15		14	343382	6103998	Till						T		
88KSN16		14	343033	6103407	Till						T		
88KSN17		14	342983	6102923	Till						T		
88KSN18		14	342889	6102412	Till						T		
88KSN19		14	342779	6101978	Till						T		
88KSN20		14	342743	6101470	Till						T		
88KSN21		14	342846	6101048	Till						T		
88KSN22		14	343070	6100556	Till						T		
88KSN23		14	343171	6100134	Till						T		
88KSN24		14	347719	6101724	Till						T		
88KSN25		14	347876	6101317	Till						T		
88KSN26		14	347946	6100654	Till						T		
88KSN27		14	348272	6100062	Till						T		
88KSN28		14	348530	6099617	Till						T		
88KSN29		14	348795	6099223	Till						T		
88KSN30		14	348888	6098679	Till						T		
88KSN31		14	348511	6098260	Till						T		
88KSN32		14	347993	6098247	Till						T		
88KSN33		14	347425	6098140	Till						T		
88KSN34		14	346877	6098008	Till						T		
88KSN35		14	346356	6098218	Till						T		
88KSN36		14	345867	6098231	Till						T		
88KSN37		14	345225	6098232	Till						T		
88KSN38		14	344530	6097956	Till						T		
88KSN39		14	344280	6097606	Till						T		
88KSN40		14	343708	6097457	Till						T		
88KSN41		14	343405	6097996	Till						T		
88KSN42		14	343355	6098485	Till						T		
88KSN43		14	343286	6099171	Till						T		
88KSN44		14	343323	6099724	Till						T		
88KSN50		14	340316	6099526	Till						T		
89KSG001		14	360142	6116890	Till						T		
89KSG002		14	360488	6117809	Till						T		
89KSG003		14	360986	6118487	Till						T		
89KSG004		14	361739	6118541	Till						T		
89KSG005		14	361165	6117111	Till						T		
89KSG006		14	360484	6116160	Till						T		
89KSG007		14	361777	6116059	Till						T		
89KSG008		14	362446	6116929	Till						T		
89KSG009		14	362142	6117784	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
89KSG010		14	361598	6120399	Till						T		
89KSG011		14	361637	6115289	Till						T		
89KSG012		14	362343	6115417	Till						T		
89KSG013		14	363559	6118679	Till						T		
89KSG014		14	363484	6119686	Till						T		
89KSG015		14	362624	6119976	Till						T		
89KSG016		14	362710	6119247	Till						T		
89KSG017		14	358920	6117513	Till						T		
89KSG018		14	358543	6116310	Till						T		
89KSG019		14	360565	6115456	Till						T		
89KSG020		14	357010	6116572	Till						T		
89KSG021		14	356401	6117337	Till						T		
89KSG022		14	355139	6118220	Till						T		
89KSG023		14	357169	6119546	Till						T		
89KSG024		14	358057	6118647	Till						T		
89KSG025		14	355846	6120642	Till						T		
89KSG026		14	355316	6121862	Till						T		
89KSG027		14	353527	6122616	Till						T		
89KSG028		14	353672	6120389	Till						T		
89KSG029		14	357790	6116053	Till						T		
89KSG030		14	357111	6114183	Till						T		
89KSG031		14	355840	6114466	Till						T		
89KSG032		14	355809	6113671	Till						T		
89KSG033		14	354896	6112907	Till						T		
89KSG034		14	355049	6112909	Till						T		
89KSG035		14	358435	6115446	Till						T		
89KSG036		14	356184	6121965	Till						T		
89KSG037		14	358381	6121600	Till						T		
89KSG038		14	358726	6122541	Till						T		
89KSG039		14	357530	6122575	Till						T		
89KSG040		14	358782	6123321	Till						T		
89KSG041		14	359397	6123192	Till						T		
89KSG042		14	359689	6122242	Till						T		
89KSG043		14	361247	6122827	Till						T		
89KSG044		14	363193	6122663	Till						T		
89KSG045		14	363751	6123103	Till						T		
89KSG046		14	364995	6122225	Till						T		
89KSG047		14	363992	6121585	Till						T		
89KSG048		14	364067	6121489	Till						T		
89KSG049		14	364227	6120416	Till						T		
89KSG050		14	362800	6116001	Till						T		
89KSG051A		14	361183	6106448	Till						T		1
89KSG051B		14	361183	6106448	Till						T		2
89KSG052		14	361767	6108152	Till						T		
89KSG053		14	355732	6100336	Till						T		
89KSG054		14	356434	6100653	Till						T		
89KSG055		14	356514	6101331	Till						T		
89KSG056		14	357359	6100482	Till						T		
89KSG057A		14	358295	6100737	Till						T		1
89KSG057B		14	358295	6100737	Till						T		2
89KSG058		14	352371	6117571	Till						T		
89KSG059		14	352021	6118548	Till						T		
89KSG060		14	351829	6119237	Till						T		
89KSG061		14	351622	6118112	Till						T		
89KSG062		14	350762	6119015	Till						T		
89KSG063		14	353246	6119014	Till						T		
89KSG064		14	365779	6117007	Till						T		
89KSG065		14	365051	6116133	Till						T		
89KSG066		14	353452	6114984	Till						T		
89KSG067		14	352623	6114338	Till						T		
89KSG068		14	353288	6113390	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
89KSG069		14	353554	6112187	Till						T		
89KSG070		14	361733	6112965	Till						T		
89KSG071		14	362040	6109479	Till						T		
89KSG072		14	354703	6108902	Till						T		
89KSG073		14	354871	6109962	Till						T		
89KSG074		14	342864	6123820	Till						T		
89KSG075A		14	342955	6123245	Till						T		1
89KSG075B		14	342955	6123245	Till						T		2
89KSG075C		14	342955	6123245	Till						T		3
89KSG075D		14	342955	6123245	Till						T		4
89KSG076		14	345733	6123650	Till						T		
89KSG077		14	349001	6116551	Till						T		
89KSG078		14	349600	6113521	Till						T		
89KSG079		14	361892	6111548	Till						T		
89KSG080A		14	353200	6103178	Till						T		1
89KSG080B		14	353200	6103178	Till						T		2
89KSG080C		14	353200	6103178	Till						T		3
89KSG080D		14	353200	6103178	Till						T		4
89KSG080E		14	353200	6103178	Till						T		5
89KSG080F		14	353200	6103178	Till						T		6
89KSG080G		14	353200	6103178	Till						T		7
89KSG081		14	352432	6103961	Till						T		
89KSG082		14	351461	6104602	Till						T		
89KSG083A		14	350386	6104538	Till						T		1
89KSG083B		14	350386	6104538	Till						T		2
89KSG084		14	348526	6103970	Till						T		
89KSG085A		14	363665	6105977	Till						T		1
89KSG085B		14	363665	6105977	Till						T		2
89KSG085C		14	363665	6105977	Till						T		3
89KSG085D		14	363665	6105977	Till						T		4
89KSG085E		14	363665	6105977	Till						T		5
89KSG085F		14	363665	6105977	Till						T		6
89KSG085G		14	363665	6105977	Till						T		7
89KSG085H		14	363665	6105977	Till						T		8
89KSG086		14	363701	6107975	Till						T		
89KSG087		14	363415	6109059	Till						T		
89KSG088		14	364277	6110246	Till						T		
89KSG089		14	357280	6101395	Till						T		
89KSG090		14	358225	6101878	Till						T		
89KSG091		14	359786	6101862	Till						T		
89KSG092		14	359740	6103547	Till						T		
89KSG093		14	361696	6103905	Till						T		
89KSG094		14	361041	6102756	Till						T		
89KSG095		14	358991	6105341	Till						T		
89KSG096		14	360309	6105372	Till						T		
89KSG097		14	361622	6105565	Till						T		
89KSG098		14	360100	6106048	Till						T		
89KSG100		14	359947	6114331	Till						T		
89KSG101		14	352630	6124690	Till						T		
89KSG102		14	350528	6121692	Till						T		
89KSG103		14	347660	6102938	Till						T		
89KSG104		14	348400	6104992	Till						T		
89KSG105		14	349175	6106436	Till						T		
89KSG106		14	349301	6103281	Till						T		
89KSG107		14	350151	6107318	Till						T		
89KSG108		14	350194	6108098	Till						T		
89KSG109		14	353562	6105322	Till						T		
89KSG110		14	352834	6106165	Till						T		
89KSG111		14	351691	6105642	Till						T		
89KSG112		14	351462	6107446	Till						T		
89KSG113		14	352511	6107369	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
89KSG114		14	359655	6116044	Till						T		
89KSG115		14	350676	6109440	Till						T		
89KSG116		14	350459	6111370	Till						T		
89KSG117		14	346862	6110029	Till						T		
89KSG118		14	347333	6110883	Till						T		
89KSG119		14	353275	6108989	Till						T		
89KSG121		14	354387	6111891	Till						T		
89KSG122		14	356131	6111740	Till						T		
89KSG123		14	347878	6111782	Till						T		
89KSG124		14	348223	6113866	Till						T		
89KSG125		14	344706	6109910	Till						T		
89KSG126		14	345273	6111098	Till						T		
89KSG127		14	346139	6112089	Till						T		
89KSG129		14	346239	6113232	Till						T		
89KSG130		14	347281	6113839	Till						T		
89KSG131A		14	353767	6111257	Till						T		1
89KSG131B		14	353767	6111257	Till						T		2
89KSG132		14	365385	6114779	Till						T		
89KSG133		14	363054	6113858	Till						T		
89KSG134		14	365305	6109266	Till						T		
89KSG135A		14	361757	6111432	Till						T		1
89KSG135B		14	361757	6111432	Till						T		2
89KSG135C		14	361757	6111432	Till						T		3
89KSG135D		14	361757	6111432	Till						T		4
89KSG135E		14	361757	6111432	Till						T		5
89KSG135F		14	361757	6111432	Till						T		6
89KSG135G		14	361757	6111432	Till						T		7
89KSG135H		14	361757	6111432	Till						T		8
89KSG135I		14	361757	6111432	Till						T		9
89KSG135J		14	361757	6111432	Till						T		10
89KSG135K		14	361757	6111432	Till						T		11
89KSG135L		14	361757	6111432	Till						T		12
89KSG135M		14	361757	6111432	Till						T		13
89KSG136		14	364106	6109413	Till						T		
89KSG137		14	368105	6106989	Till						T		
89KSG138		14	367814	6108198	Till						T		
89KSG139		14	358805	6117834	Till						T		
90KDA0200H		14	424700	6082550	Humus						H		
90KDA0201H		14	424725	6082425	Humus						H		
90KDA0202H		14	424650	6082200	Humus						H		
90KDA0203H		14	424650	6082100	Humus						H		
90KDA0204H		14	424500	6081250	Humus						H		
90KDA0205H		14	424500	6080250	Humus						H		
90KDA0202		14	424650	6082200	Till						T		
90KDA0203		14	424650	6082100	Till						T		
90KDA0204		14	424500	6081250	Till						T		
90KDA0205		14	424500	6080250	Till						T		
90SL001		14	451875	6089500	Till						T		
90SL002		14	438200	6079250	Till						T		
90SL003		14	438200	6079250	Till						T		
90SL004		14	437425	6079550	Till						T		
90SL005		14	436450	6079350	Till						T		
90SL006		14	435300	6079000	Till						T		
90SL007		14	434600	6078100	Till						T		
90SL008		14	433500	6077800	Till						T		
90SL009		14	431500	6078250	Till						T		
90SL010		14	428800	6078350	Till						T		
90SL011		14	429400	6080000	Till						T		
90SL012		14	436750	6080300	Till						T		
90SL013		14	435750	6080200	Till						T		
90SL014		14	434900	6079800	Till						T		

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
90SL015		14	433650	6079450	Till						T		
90SL016		14	432150	6080800	Till						T		
90SL017		14	431300	6080875	Till						T		
90SL018		14	437800	6057100	Till						T		
90SL019		14	437850	6058550	Till						T		
90SL020		14	436950	6061250	Till						T		
90SL021		14	433700	6066250	Till						T		
90SL022		14	436700	6073100	Till						T		
90SL023		14	438375	6075650	Till						T		
90SL024		14	428900	6073300	Till						T		
90SL025		14	428750	6073975	Till						T		
90SL026		14	430200	6080800	Till						T		
90SL027		14	435300	6081250	Till						T		
90SL028		14	433350	6083350	Till						T		
90SL029		14	441075	6079800	Till						T		
90SL030		14	444700	6081900	Till						T		
90SL031		14	437650	6071300	Till						T		
90SL032		14	437100	6072650	Till						T		
90SL033		14	438875	6078450	Till						T		
90SL034		14	428400	6075500	Till						T		
90SL035		14	421200	6071100	Till						T		
90SL036		14	421700	6071250	Till						T		
90SL037		14	422525	6071200	Till						T		
90SL038		14	434450	6079450	Till						T		
90SL039		14	437600	6080450	Till						T		
90SL040		14	434950	6080250	Till						T		
90SL041		14	433600	6082250	Till						T		
90SL042		14	439975	6079500	Till						T		
90SL043		14	432500	6084250	Till						T		
90SL044		14	431325	6085200	Till						T		
90SL045		14	440900	6079100	Till						T		
90SL046		14	446250	6083125	Till						T		
90SL047		14	451875	6089500	Till						T		
90SL048		14	448600	6089500	Till						T		
90SL049		14	436850	6069700	Till						T		
90SL050		14	436700	6083000	Till						T		
90SL051		14	437650	6083500	Till						T		
90SL052		14	439000	6083600	Till						T		
90SL053		14	439875	6083900	Till						T		
90SL054		14	440600	6084300	Till						T		
90SL055		14	437300	6072200	Till						T		
90SL056		14	434650	6072800	Till						T		
90SL057		14	436650	6068500	Till						T		
90SL058		14	428650	6080300	Till						T		
90SL059		14	435750	6074875	Till						T		
90SL060		14	438850	6077600	Till						T		
90SL061		14	432600	6082200	Till						T		
90SL062		14	431300	6082900	Till						T		
90SL063		14	431550	6082350	Till						T		
90SL064		14	428350	6084200	Till						T		
90SL065		14	429600	6081900	Till						T		
90SL066		14	430500	6082700	Till						T		
90SL068		14	442700	6086500	Till						T		
90SL069		14	437450	6084500	Till						T		
90SL070		14	438800	6084650	Till						T		
90SL071		14	432400	6083050	Till						T		
90SL072		14	446850	6084500	Till						T		
90SL074		14	439650	6085800	Till						T		
90SL075		14	442150	6086200	Till						T		
90SL076		14	443100	6087350	Till						T		
90SL077		14	434600	6085550	Till						T		

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
90SL078		14	434650	6084650	Till						T		
90SL079		14	435300	6084100	Till						T		
90SL080		14	435650	6083450	Till						T		
90SL081		14	433650	6082950	Till						T		
90SL082		14	433650	6082950	Till						T		
90SL083		14	442650	6080850	Till						T		
90SL084		14	438250	6079750	Till						T		
90SL085		14	440250	6075950	Till						T		
90SL086		14	440250	6075950	Till						T		
90SL087		14	440800	6076750	Till						T		
90SL088		14	441450	6077500	Till						T		
90SL089		14	439450	6075350	Till						T		
90SL090		14	439450	6075350	Till						T		
90SL091		14	442100	6078450	Till						T		
90SL092		14	442200	6079200	Till						T		
90SL093		14	442650	6078900	Till						T		
90SL094		14	445450	6079500	Till						T		
90SL095		14	446750	6080150	Till						T		
90SL096		14	447950	6080250	Till						T		
90SL097		14	450500	6083950	Till						T		
90SL098		14	449900	6084000	Till						T		
90SL099		14	446250	6082600	Till						T		
90SL100		14	445900	6082500	Till						T		
90SL101		14	445650	6082000	Till						T		
90SL102		14	449450	6084350	Till						T		
90SL103		14	450550	6083500	Till						T		
90SL104		14	435300	6081250	Till						T		
90SL105		14	446100	6079150	Till						T		
90SL106		14	446400	6078850	Till						T		
90SL107		14	446450	6078100	Till						T		
90SL108		14	438700	6071600	Till						T		
90SL110		14	430600	6081500	Till						T		
90SL111		14	429100	6078650	Till						T		
90SL112		14	449650	6085500	Till						T		
91KDA0300H		14	434900	6076550	Humus						H		
91KDA0300		14	434900	6076550	Till						T		
91MOB0001h	MOB910012	14	318815	6076970	Humus						H		
91MOB0003h	MOB910028	14	346435	6034384	Humus						H		
91MOB0005h	MOB910051	14	436605	6065413	Humus						H		
91MOB0006h	MOB910052	14	437378	6065419	Humus						H		
91MOB0007h	MOB910053	14	437098	6066101	Humus						H		
91MOB0008h	MOB910058	14	437910	6058120	Humus						H		
91MOB0011h	MOB910066	14	487717	5983803	Humus						H		
91MOB0012h	MOB910067	14	488110	5986428	Humus						H		0
91MOB0013h	MOB910081	14	448421	6051727	Humus						H		
91MOB0016h	MOB910092	14	392461	6005860	Humus						H		
91MOB0017h	MOB910097	14	387039	5996312	Humus						H		
91MOB0018h	MOB910099	14	378309	5988710	Humus						H		
91MOB0019h	MOB910101	14	434729	5985248	Humus						H		
91MOB0020h	MOB910107	14	435590	5994429	Humus						H		
91MOB0021h	MOB910110	14	350786	5986291	Humus						H		
91MOB0022h	MOB910111	14	348391	5995709	Humus						H		
91MOB0023h	MOB910113	14	343644	6000122	Humus						H		
91MOB0024h	MOB910115	14	346426	6000957	Humus						H		
91MOB0025h	MOB910118	14	339790	6007820	Humus						H		
91MOB0026h	MOB910122	14	349546	6000003	Humus						H		
91MOB0027h	MOB910124	14	353089	6003362	Humus						H		0
91MOB0028h	MOB910126	14	355826	6011553	Humus						H		
91MOB0029h	MOB910127	14	348718	6011610	Humus						H		
91MOB0030h	MOB910139	14	315683	6100400	Humus						H		
91MOB0031h	MOB910156	14	324438	6097220	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91MOB0032h	MOB910167	14	370024	6099685	Humus						H		
91MOB0033h	MOB910171	14	369147	6051387	Humus						H		0
91MOB0034h	MOB910173	14	370255	6049783	Humus						H		
91MOB0035h	MOB910184	14	364910	6043984	Humus						H		
91MOB0036h	MOB910188B	14	360264	6041461	Humus						H		
91MOB0041h	MOB910202	13	685910	6039437	Humus						H		
91MOB0042h	MOB910206	14	307966	6042535	Humus						H		
91MOB0001	MOB910012	14	318815	6076970	Washed Till	40		A	light grey	2.5Y 7/2	T		
91MOB0002	MOB910023A	14	321918	6064172	Diamicton	40		A	dark brown	10YR 3/3	D		
91MOB0003	MOB910028	14	346435	6034384	Till	115		A	light brownish grey	2.5Y 6/2	T		
91MOB0005	MOB910051	14	436605	6065413	Till	40		A	dark yellowish brown	10YR 4/4 wet	T		
91MOB0006	MOB910052	14	437378	6065419	Till	50		A	pale yellow	5Y 7/3	T		
91MOB0007	MOB910053	14	437098	6066101	Till	50		A	dark greyish brown	2.5Y 4/2 wet	T		
91MOB0008	MOB910058	14	437910	6058120	Till	45		A	dark grey	5Y 4/1 wet	T		
91MOB0011	MOB910066A	14	487717	5983803	Washed Till	10		A	pale brown	10YR 6/3	T		
91MOB0012A	MOB910067	14	488110	5986428	Diamicton	20		A	olive brown	2.5Y 4/4 wet	D		1
91MOB0012B	MOB910067	14	488110	5986428	Till	70		B	light grey	5Y 7/2 wet	T		2
91MOB0013	MOB910081	14	448421	6051727	Till	20		A	olive	5Y 4/3 wet	T		
91MOB0016	MOB910092	14	392461	6005860	Till	15		A	light grey	2.5Y 7/2	T		
91MOB0017	MOB910097	14	387039	5996312	Till	10		A	brown/ dark brown	10YR 4/3 wet	T		
91MOB0018	MOB910099	14	378309	5988710	Till	10		A	light olive brown	2.5Y 5/4	T		
91MOB0019	MOB910101	14	434729	5985248	Till	15		B	light grey	2.5Y 7/2	T		
91MOB0020	MOB910107	14	435590	5994429	Till	20		A	light brownish grey	2.5Y 6/2	T		
91MOB0021	MOB910110	14	350786	5986291	Till	10		A	grey	5Y 5/1 wet	T		
91MOB0022	MOB910111	14	348391	5995709	Till	60		B	light brownish grey	2.5Y 6/2 wet	T		
91MOB0023	MOB910113	14	343644	6000122	Till	10		A	very pale brown	10 YR 8/3 wet	T		
91MOB0024	MOB910115B	14	346426	6000957	Till	20		C	pale brown	10YR 6/3	T		
91MOB0025	MOB910118	14	339790	6007820	Till	50		B	brown/ dark brown	7.5YR 4/4	T		
91MOB0026	MOB910122	14	349546	6000003	Till	20		A	dark yellowish brown	10YR 4/4	T		
91MOB0027A	MOB910124	14	353089	6003362	Diamicton	75		B	greyish brown	10YR 5/2 wet	D		1
91MOB0027B	MOB910124	14	353089	6003362	Till	25		A	dark greyish brown	10YR 4/2 wet	T		2
91MOB0028	MOB910126	14	355826	6011553	Till	30		B	light brownish grey	2.5Y 6/2 wet	T		
91MOB0029	MOB910127	14	348718	6011610	Till	25		B	olive grey	5Y 5/2	T		
91MOB0030	MOB910139	14	315683	6100400	Till	30		A	olive	5Y 4/3 wet	T		
91MOB0031	MOB910156	14	324438	6097220	Till	15		A	olive grey	5Y 5/2	T		
91MOB0032	MOB910167	14	370024	6099685	Till	25		A	olive	5Y 5/3	T		
91MOB0033A	MOB910171	14	369147	6051387	Till	100		C	olive brown	2.5Y 4/4 wet	T		2
91MOB0033B	MOB910171	14	369147	6051387	Till	50		B	olive brown	2.5Y 4/4 wet	T		1
91MOB0033C	MOB910171	14	369147	6051387	Diamicton	50		B			D		
91MOB0034	MOB910173	14	370255	6049783	Till	25		A	olive	5Y 5/3	T		
91MOB0035	MOB910184	14	364910	6043984	Till	45		C	light brownish grey	2.5Y 6/2	T		
91MOB0036	MOB910188B	14	360264	6041461	Till	25		A	grey	5Y 5/1 wet	T		
91MOB0041	MOB910202	13	685910	6039437	Till	25		A	pale olive	5Y 6/3	T		
91MOB0042	MOB910206	14	307966	6042535	Till	35		A	olive grey	5Y 4/3	T		
91SL001H		14	449350	6076750	Humus						H		
91SL002H		14	449000	6077450	Humus						H		
91SL003H		14	453550	6090900	Humus						H		
91SL004H		14	454800	6091600	Humus						H		
91SL005H		14	455350	6091750	Humus						H		
91SL007H		14	452450	6090200	Humus						H		
91SL010H		14	444700	6086900	Humus						H		
91SL011H		14	445300	6090400	Humus						H		
91SL012H		14	446250	6090250	Humus						H		
91SL013H		14	446750	6091350	Humus						H		
91SL014H		14	447200	6092900	Humus						H		
91SL015H		14	447850	6094050	Humus						H		
91SL016H		14	447400	6094750	Humus						H		
91SL017H		14	446900	6093450	Humus						H		
91SL018H		14	446200	6092050	Humus						H		
91SL019H		14	429350	6079350	Humus						H		
91SL020H		14	428300	6077100	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91SL021H		14	441600	6087750	Humus						H		
91SL022H		14	440150	6088200	Humus						H		
91SL023H		14	439400	6089300	Humus						H		
91SL024H		14	438750	6090800	Humus						H		
91SL025H		14	438150	6092350	Humus						H		
91SL026H		14	438150	6089600	Humus						H		
91SL027H		14	437550	6088000	Humus						H		
91SL028H		14	450150	6070650	Humus						H		
91SL029H		14	450500	6071150	Humus						H		
91SL030H		14	452100	6071050	Humus						H		
91SL031H		14	424200	6072250	Humus						H		
91SL032H		14	419850	6068900	Humus						H		
91SL033H		14	426450	6073900	Humus						H		
91SL034H		14	435100	6085350	Humus						H		
91SL035H		14	436250	6082800	Humus						H		
91SL036H		14	452350	6076300	Humus						H		
91SL037H		14	454500	6077400	Humus						H		
91SL039H		14	447850	6076250	Humus						H		
91SL040H		14	452950	6071050	Humus						H		
91SL041H		14	454550	6071850	Humus						H		
91SL042H		14	453900	6071300	Humus						H		
91SL043H		14	454150	6075550	Humus						H		
91SL044H		14	442200	6068300	Humus						H		
91SL045H		14	441850	6070000	Humus						H		
91SL046H		14	441500	6070700	Humus						H		
91SL047H		14	441250	6071550	Humus						H		
91SL048H		14	440550	6071750	Humus						H		
91SL049H		14	439550	6071950	Humus						H		
91SL050H		14	438000	6073150	Humus						H		
91SL051H		14	438850	6073400	Humus						H		
91SL052H		14	439850	6074050	Humus						H		
91SL053H		14	440750	6073550	Humus						H		
91SL054H		14	441450	6074600	Humus						H		
91SL055H		14	440450	6075100	Humus						H		
91SL056H		14	441100	6075700	Humus						H		
91SL057H		14	440800	6074450	Humus						H		0
91SL058H		14	408450	6081200	Humus						H		
91SL059H		14	408350	6081950	Humus						H		
91SL060H		14	408150	6083450	Humus						H		
91SL061H		14	407850	6083450	Humus						H		
91SL062H		14	408700	6084600	Humus						H		
91SL063H		14	409150	6085250	Humus						H		
91SL064H		14	407700	6080300	Humus						H		
91SL065H		14	407800	6081250	Humus						H		
91SL066H		14	407650	6082050	Humus						H		
91SL067H		14	407550	6083150	Humus						H		
91SL068H		14	407400	6083500	Humus						H		
91SL069H		14	409900	6078750	Humus						H		
91SL070H		14	410650	6078850	Humus						H		
91SL071H		14	411400	6079450	Humus						H		
91SL072H		14	412000	6080000	Humus						H		
91SL073H		14	412000	6079350	Humus						H		
91SL074H		14	413600	6080350	Humus						H		
91SL075H		14	409750	6085600	Humus						H		
91SL076H		14	411000	6085150	Humus						H		
91SL077H		14	410650	6087800	Humus						H		
91SL078H		14	411350	6086500	Humus						H		
91SL079H		14	413300	6087550	Humus						H		
91SL080H		14	412500	6080650	Humus						H		
91SL081H		14	413450	6080950	Humus						H		
91SL082H		14	414950	6081700	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91SL083H		14	416950	6082500	Humus						H		
91SL084H		14	416650	6084700	Humus						H		
91SL085H		14	419100	6086300	Humus						H		
91SL086H		14	421850	6087800	Humus						H		
91SL087H		14	420100	6086750	Humus						H		
91SL088H		14	409000	6080100	Humus						H		
91SL089H		14	407500	6079650	Humus						H		
91SL090H		14	408650	6078000	Humus						H		
91SL091H		14	407400	6077400	Humus						H		
91SL092H		14	407650	6074850	Humus						H		
91SL093H		14	406550	6074850	Humus						H		
91SL094H		14	406300	6073400	Humus						H		
91SL095H		14	405500	6073050	Humus						H		
91SL096H		14	418550	6086850	Humus						H		
91SL097H		14	420250	6091150	Humus						H		
91SL098H		14	422400	6087450	Humus						H		
91SL099H		14	414400	6084100	Humus						H		
91SL100H		14	413250	6084950	Humus						H		
91SL101H		14	419600	6070700	Humus						H		
91SL102H		14	418900	6069350	Humus						H		
91SL103H		14	418550	6068600	Humus						H		
91SL104H		14	417700	6069500	Humus						H		
91SL107H		14	420100	6071750	Humus						H		
91SL108H		14	420850	6072900	Humus						H		
91SL109H		14	420900	6074200	Humus						H		
91SL110H		14	419700	6072850	Humus						H		
91SL111H		14	418900	6072900	Humus						H		
91SL112H		14	417650	6071050	Humus						H		
91SL113H		14	417900	6072100	Humus						H		
91SL114H		14	417250	6072700	Humus						H		
91SL115H		14	417500	6074850	Humus						H		
91SL116H		14	418900	6072100	Humus						H		
91SL117H		14	416000	6073600	Humus						H		
91SL118H		14	414950	6074300	Humus						H		
91SL119H		14	414250	6075750	Humus						H		
91SL120H		14	414050	6076450	Humus						H		
91SL121H		14	418000	6073950	Humus						H		
91SL122H		14	420500	6069050	Humus						H		
91SL123H		14	421850	6068700	Humus						H		
91SL124H		14	451500	6088600	Humus						H		
91SL125H		14	451150	6087750	Humus						H		
91SL126H		14	429550	6088300	Humus						H		
91SL127H		14	428450	6089000	Humus						H		
91SL128H		14	428700	6090250	Humus						H		
91SL129H		14	430550	6089200	Humus						H		
91SL130H		14	430800	6087250	Humus						H		0
91SL131H		14	431200	6087900	Humus						H		
91SL132H		14	432400	6089200	Humus						H		
91SL133H		14	433500	6090400	Humus						H		
91SL134H		14	427750	6085000	Humus						H		
91SL135H		14	421700	6081350	Humus						H		
91SL136H		14	420950	6080400	Humus						H		
91SL137H		14	419650	6081000	Humus						H		
91SL138H		14	419700	6082100	Humus						H		
91SL139H		14	430825	6081575	Humus						H		
91SL140H		14	430825	6081475	Humus						H		
91SL141H		14	443450	6077650	Humus						H		
91SL142H		14	443900	6078800	Humus						H		
91SL143H		14	443050	6077950	Humus						H		
91SL144H		14	430800	6081650	Humus						H		
91SL145H		14	430775	6081825	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91SL001		14	449350	6076750	Till						T		
91SL002		14	449000	6077450	Till						T		
91SL003		14	453550	6090900	Till						T		
91SL004		14	454800	6091600	Till						T		
91SL008		14	437400	6065700	Till						T		
91SL009		14	436650	6064300	Till						T		
91SL011		14	445300	6090400	Till						T		
91SL012		14	446250	6090250	Till						T		
91SL013		14	446750	6091350	Till						T		
91SL014		14	447200	6092900	Till						T		
91SL015		14	447850	6094050	Till						T		
91SL016		14	447400	6094750	Till						T		
91SL017		14	446900	6093450	Till						T		
91SL018		14	446200	6092050	Till						T		
91SL019		14	429350	6079350	Till						T		
91SL020		14	428300	6077100	Till						T		
91SL021		14	441600	6087750	Till						T		
91SL022		14	440150	6088200	Till						T		
91SL023		14	439400	6089300	Till						T		
91SL024		14	438750	6090800	Till						T		
91SL025		14	438150	6092350	Till						T		
91SL026		14	438150	6089600	Till						T		
91SL027		14	437550	6088000	Till						T		
91SL028		14	450150	6070650	Till						T		
91SL029		14	450500	6071150	Till						T		
91SL030		14	452100	6071050	Till						T		
91SL031		14	424200	6072250	Till						T		
91SL032		14	419850	6068900	Till						T		
91SL033		14	426450	6073900	Till						T		
91SL034		14	435100	6085350	Till						T		
91SL035		14	436250	6082800	Till						T		
91SL036		14	452350	6076300	Till						T		
91SL037		14	454500	6077400	Till						T		
91SL038		14	453400	6076450	Till						T		
91SL039		14	447850	6076250	Till						T		
91SL040		14	452950	6071050	Till						T		
91SL041		14	454550	6071850	Till						T		
91SL042		14	453900	6071300	Till						T		
91SL043		14	454150	6075550	Till						T		
91SL044		14	442200	6068300	Till						T		
91SL045		14	441850	6070000	Till						T		
91SL046		14	441500	6070700	Till						T		
91SL047		14	441250	6071550	Till						T		
91SL048		14	440550	6071750	Till						T		
91SL049		14	439550	6071950	Till						T		
91SL005		14	455350	6091750	Till						T		
91SL050		14	438000	6073150	Till						T		
91SL051		14	438850	6073400	Till						T		
91SL052		14	439850	6074050	Till						T		
91SL053		14	440750	6073550	Till						T		
91SL054		14	441450	6074600	Till						T		
91SL055		14	440450	6075100	Till						T		
91SL056		14	441100	6075700	Till						T		
91SL057(020)		14	440800	6074450	Till	20					T		1
91SL057(040)		14	440800	6074450	Till	40					T		2
91SL057(060)		14	440800	6074450	Till	60					T		3
91SL057(080)		14	440800	6074450	Till	80					T		4
91SL057(100)		14	440800	6074450	Till	100					T		5
91SL057(120)		14	440800	6074450	Till	120					T		6
91SL057(140)		14	440800	6074450	Till	140					T		7
91SL057(160)		14	440800	6074450	Till	160					T		8

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91SL057(180)		14	440800	6074450	Till	180					T		9
91SL057(200)		14	440800	6074450	Till	200					T		10
91SL057(220)		14	440800	6074450	Till	220					T		11
91SL057(240)		14	440800	6074450	Till	240					T		12
91SL057(260)		14	440800	6074450	Till	260					T		13
91SL058		14	408450	6081200	Till						T		
91SL059		14	408350	6081950	Till						T		
91SL060		14	408150	6083450	Till						T		
91SL061		14	407850	6083450	Till						T		
91SL062		14	408700	6084600	Till						T		
91SL063		14	409150	6085250	Till						T		
91SL064		14	407700	6080300	Till						T		
91SL065		14	407800	6081250	Till						T		
91SL066		14	407650	6082050	Till						T		
91SL067		14	407550	6083150	Till						T		
91SL068		14	407400	6083500	Till						T		
91SL069		14	409900	6078750	Till						T		
91SL006		14	453200	6090900	Till						T		
91SL007		14	452450	6090200	Till						T		
91SL070		14	410650	6078850	Till						T		
91SL071		14	411400	6079450	Till						T		
91SL072		14	412000	6080000	Till						T		
91SL073		14	412000	6079350	Till						T		
91SL074		14	413600	6080350	Till						T		
91SL075		14	409750	6085600	Till						T		
91SL076		14	411000	6085150	Till						T		
91SL077		14	410650	6087800	Till						T		
91SL078		14	411350	6086500	Till						T		
91SL079		14	413300	6087550	Till						T		
91SL080		14	412500	6080650	Till						T		
91SL081		14	413450	6080950	Till						T		
91SL082		14	414950	6081700	Till						T		
91SL083		14	416950	6082500	Till						T		
91SL084		14	416650	6084700	Till						T		
91SL085		14	419100	6086300	Till						T		
91SL086		14	421850	6087800	Till						T		
91SL087		14	420100	6086750	Till						T		
91SL088		14	409000	6080100	Till						T		
91SL089		14	407500	6079650	Till						T		
91SL092		14	407650	6074850	Till						T		
91SL093		14	406550	6074850	Till						T		
91SL094		14	406300	6073400	Till						T		
91SL095		14	405500	6073050	Till						T		
91SL096		14	418550	6086850	Till						T		
91SL097		14	420250	6091150	Till						T		
91SL098		14	422400	6087450	Till						T		
91SL099		14	414400	6084100	Till						T		
91SL100		14	413250	6084950	Till						T		
91SL101		14	419600	6070700	Till						T		
91SL102		14	418900	6069350	Till						T		
91SL103		14	418550	6068600	Till						T		
91SL104		14	417700	6069500	Till						T		
91SL105		14	418550	6070200	Till						T		
91SL107		14	420100	6071750	Till						T		
91SL108		14	420850	6072900	Till						T		
91SL109		14	420900	6074200	Till						T		
91SL110		14	419700	6072850	Till						T		
91SL111		14	418900	6072900	Till						T		
91SL112		14	417650	6071050	Till						T		
91SL113		14	417900	6072100	Till						T		
91SL115		14	417500	6074850	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
91SL116		14	418900	6072100	Till						T		
91SL117		14	416000	6073600	Till						T		
91SL118		14	414950	6074300	Till						T		
91SL120		14	414050	6076450	Till						T		
91SL121		14	418000	6073950	Till						T		
91SL122		14	420500	6069050	Till						T		
91SL123		14	421850	6068700	Till						T		
91SL124		14	451500	6088600	Till						T		
91SL125		14	451150	6087750	Till						T		
91SL126		14	429550	6088300	Till						T		
91SL127		14	428450	6089000	Till						T		
91SL128		14	428700	6090250	Till						T		
91SL129		14	430550	6089200	Till						T		
91SL130		14	430800	6087250	Till						T		1
91SL130A		14	430800	6087250	Till						T		2
91SL131		14	431200	6087900	Till						T		
91SL132		14	432400	6089200	Till						T		
91SL133		14	433500	6090400	Till						T		
91SL134		14	427750	6085000	Till						T		
91SL135		14	421700	6081350	Till						T		
91SL136		14	420950	6080400	Till						T		
91SL137		14	419650	6081000	Till						T		
91SL138		14	419700	6082100	Till						T		
91SL141		14	443450	6077650	Till						T		
91SL142		14	443900	6078800	Till						T		
91SL143		14	443050	6077950	Till						T		
91SL144		14	430800	6081650	Till						T		
91SL145		14	430775	6081825	Till						T		
92EL021h		14	402210	6090060	Humus						H		
92EL022h		14	402840	6089790	Humus						H		
92EL023h		14	403510	6089390	Humus						H		
92EL024h		14	404530	6088570	Humus						H		
92EL025h		14	405320	6088790	Humus						H		
92EL026h		14	406330	6088840	Humus						H		
92EL027h		14	406300	6089830	Humus						H		
92EL028h		14	405310	6089580	Humus						H		
92EL029h		14	404840	6090580	Humus						H		
92EL030h		14	403600	6090260	Humus						H		
92EL031h		14	403020	6090850	Humus						H		
92EL032h		14	402430	6091390	Humus						H		
92EL033h		14	402410	6092520	Humus						H		
92EL034h		14	404060	6092170	Humus						H		
92EL035h		14	405600	6092460	Humus						H		
92EL036h		14	406790	6091260	Humus						H		
92EL037h		14	409720	6089400	Humus						H		
92EL038h		14	408730	6089040	Humus						H		
92EL039h		14	408430	6087400	Humus						H		
92EL040h		14	409570	6087940	Humus						H		
92EL041h		14	402490	6080710	Humus						H		
92EL042h		14	402920	6081940	Humus						H		
92EL043h		14	403080	6082950	Humus						H		
92EL044h		14	403220	6084240	Humus						H		
92EL045h		14	404320	6085160	Humus						H		
92EL046h		14	404080	6083880	Humus						H		
92EL047h		14	405980	6084520	Humus						H		
92EL048h		14	406400	6085880	Humus						H		
92EL049h		14	405220	6083340	Humus						H		
92EL050h		14	404290	6082530	Humus						H		
92EL051h		14	402650	6078210	Humus						H		
92EL052h		14	403110	6078530	Humus						H		
92EL053h		14	403620	6078980	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92EL054h		14	404210	6079930	Humus						H		
92EL055h		14	404430	6081390	Humus						H		
92EL056h		14	381250	6082090	Humus						H		
92EL057h		14	381430	6082840	Humus						H		
92EL058h		14	381360	6083690	Humus						H		
92EL059h		14	380350	6082800	Humus						H		
92EL060h		14	377860	6080710	Humus						H		
92EL061h		14	378980	6080630	Humus						H		
92EL062h		14	380020	6081500	Humus						H		
92EL063h		14	379690	6082420	Humus						H		
92EL064h		14	379680	6083620	Humus						H		
92EL065h		14	379100	6083240	Humus						H		
92EL066h		14	378850	6082420	Humus						H		
92EL067h		14	379110	6081570	Humus						H		
92EL068h		14	377860	6081950	Humus						H		
92EL069h		14	377040	6080660	Humus						H		
92EL071h		14	378020	6079640	Humus						H		
92EL072h		14	378190	6079020	Humus						H		
92EL073h		14	377430	6078130	Humus						H		
92EL074h		14	381490	6081170	Humus						H		
92EL075h		14	382160	6080650	Humus						H		
92EL076h		14	382000	6079890	Humus						H		
92EL077h		14	382590	6078960	Humus						H		
92EL078h		14	383460	6078040	Humus						H		
92EL079h		14	382720	6077050	Humus						H		
92EL080h		14	382130	6077470	Humus						H		
92EL081h		14	379760	6081640	Humus						H		
92EL082h		14	379180	6079940	Humus						H		
92EL083h		14	378500	6077970	Humus						H		
92EL084h		14	379340	6078470	Humus						H		
92EL085h		14	377380	6077180	Humus						H		
92EL086h		14	377670	6075450	Humus						H		
92EL087h		14	377710	6074880	Humus						H		
92EL088h		14	377020	6073900	Humus						H		
92EL089h		14	376420	6072870	Humus						H		
92EL090h		14	376030	6068520	Humus						H		
92EL091h		14	376800	6069990	Humus						H		
92EL092h		14	377210	6070670	Humus						H		
92EL093h		14	377480	6071550	Humus						H		
92EL094h		14	377810	6072300	Humus						H		
92EL095h		14	379080	6074120	Humus						H		
92EL096h		14	378040	6076570	Humus						H		
92EL097h		14	377720	6073200	Humus						H		
92EL098h		14	380510	6076720	Humus						H		
92EL099h		14	380000	6075710	Humus						H		
92EL100h		14	379590	6074930	Humus						H		
92EL133h		14	387510	6073940	Humus						H		
92EL134h		14	387400	6072980	Humus						H		
92EL135h		14	387450	6072030	Humus						H		
92EL136h		14	387100	6071230	Humus						H		
92EL137h		14	387090	6070280	Humus						H		
92EL138h		14	386120	6069700	Humus						H		
92EL139h		14	386310	6070630	Humus						H		
92EL140h		14	386450	6071340	Humus						H		
92EL141h		14	386590	6072350	Humus						H		
92EL142h		14	386510	6073640	Humus						H		
92EL143h		14	387120	6075870	Humus						H		
92EL144h		14	386190	6075930	Humus						H		
92EL145h		14	386400	6074950	Humus						H		
92EL146h		14	387500	6074860	Humus						H		
92EL147h		14	385260	6075430	Humus						H		
92EL148h		14	385320	6074610	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92EL149h		14	385050	6073530	Humus						H		
92EL150h		14	384520	6072870	Humus						H		
92EL151h		14	384430	6071280	Humus						H		
92EL152h		14	384210	6072180	Humus						H		
92EL001		14	398920	6080540	Till						T		
92EL002		14	397550	6080380	Till						T		
92EL003		14	399440	6081490	Till						T		
92EL004		14	399250	6079950	Till						T		
92EL005		14	399080	6078630	Till						T		
92EL006		14	401750	6074270	Till						T		
92EL007		14	401790	6075500	Till						T		
92EL008		14	402200	6077270	Till						T		
92EL009		14	400990	6077980	Till						T		
92EL010		14	400050	6078240	Till						T		
92EL011		14	398400	6077310	Till						T		
92EL012		14	397340	6077000	Till						T		
92EL013		14	399830	6076120	Till						T		
92EL014		14	399980	6075340	Till						T		
92EL015		14	400020	6083380	Till						T		
92EL016		14	400170	6083380	Till						T		
92EL017		14	400920	6083340	Till						T		
92EL018		14	398770	6083430	Till						T		
92EL019		14	397920	6078590	Till						T		
92EL020		14	399400	6077620	Till						T		
92EL021		14	402210	6090060	Till						T		
92EL022		14	402840	6089790	Till						T		
92EL023		14	403510	6089390	Till						T		
92EL024		14	404530	6088570	Till						T		
92EL025		14	405320	6088790	Till						T		
92EL026		14	406330	6088840	Till						T		
92EL027		14	406300	6089830	Till						T		
92EL028		14	405310	6089580	Till						T		
92EL029		14	404840	6090580	Till						T		
92EL030		14	403600	6090260	Till						T		
92EL031		14	403020	6090850	Till						T		
92EL032		14	402430	6091390	Till						T		
92EL033		14	402410	6092520	Till						T		
92EL034		14	404060	6092170	Till						T		
92EL035		14	405600	6092460	Till						T		
92EL036		14	406790	6091260	Till						T		
92EL037		14	409720	6089400	Till						T		
92EL038		14	408730	6089040	Till						T		
92EL039		14	408430	6087400	Till						T		
92EL040		14	409570	6087940	Till						T		
92EL041		14	402490	6080710	Till						T		
92EL042		14	402920	6081940	Till						T		
92EL043		14	403080	6082950	Till						T		
92EL044		14	403220	6084240	Till						T		
92EL045		14	404320	6085160	Till						T		
92EL046		14	404080	6083880	Till						T		
92EL047		14	405980	6084520	Till						T		
92EL048		14	406400	6085880	Till						T		
92EL049		14	405220	6083340	Till						T		
92EL050		14	404290	6082530	Till						T		
92EL051		14	402650	6078210	Till						T		
92EL052		14	403110	6078530	Till						T		
92EL053		14	403620	6078980	Till						T		
92EL054		14	404210	6079930	Till						T		
92EL055		14	404430	6081390	Till						T		
92EL056		14	381250	6082090	Till						T		
92EL057		14	381430	6082840	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92EL058		14	381360	6083690	Till						T		
92EL059		14	380350	6082800	Till						T		
92EL060		14	377860	6080710	Till						T		
92EL061		14	378980	6080630	Till						T		
92EL062		14	380020	6081500	Till						T		
92EL063		14	379690	6082420	Till						T		
92EL064		14	379680	6083620	Till						T		
92EL065		14	379100	6083240	Till						T		
92EL066		14	378850	6082420	Till						T		
92EL067		14	379110	6081570	Till						T		
92EL068		14	377860	6081950	Till						T		
92EL069		14	377040	6080660	Till						T		
92EL070		14	376170	6079650	Till						T		
92EL071		14	378020	6079640	Till						T		
92EL072		14	378190	6079020	Till						T		
92EL073		14	377430	6078130	Till						T		
92EL074		14	381490	6081170	Till						T		
92EL075		14	382160	6080650	Till						T		
92EL076		14	382000	6079890	Till						T		
92EL077		14	382590	6078960	Till						T		
92EL078		14	383460	6078040	Till						T		
92EL079		14	382720	6077050	Till						T		
92EL080		14	382130	6077470	Till						T		
92EL081		14	379760	6081640	Till						T		
92EL082		14	379180	6079940	Till						T		
92EL083		14	378500	6077970	Till						T		
92EL084		14	379340	6078470	Till						T		
92EL085		14	377380	6077180	Till						T		
92EL086		14	377670	6075450	Till						T		
92EL087		14	377710	6074880	Till						T		
92EL088		14	377020	6073900	Till						T		
92EL089		14	376420	6072870	Till						T		
92EL090		14	376030	6068520	Till						T		
92EL091		14	376800	6069990	Till						T		
92EL092		14	377210	6070670	Till						T		
92EL093		14	377480	6071550	Till						T		
92EL094		14	377810	6072300	Till						T		
92EL095		14	379080	6074120	Till						T		
92EL096		14	378040	6076570	Till						T		
92EL097		14	377720	6073200	Till						T		
92EL098		14	380510	6076720	Till						T		
92EL099		14	380000	6075710	Till						T		
92EL100		14	379590	6074930	Till						T		
92EL101		14	376900	6088470	Till						T		
92EL102		14	376120	6088110	Till						T		
92EL103		14	376380	6090160	Till						T		
92EL104		14	377580	6089400	Till						T		
92EL105		14	379180	6090840	Till						T		
92EL106		14	378280	6090500	Till						T		
92EL107		14	377700	6091280	Till						T		
92EL108		14	401420	6112370	Till						T		
92EL109		14	401370	6104060	Till						T		
92EL110		14	400690	6105150	Till						T		
92EL111		14	399990	6105640	Till						T		
92EL112		14	398790	6105380	Till						T		
92EL113		14	404500	6097150	Till						T		
92EL114		14	403590	6097590	Till						T		
92EL115		14	403190	6097780	Till						T		
92EL116		14	401510	6098800	Till						T		
92EL117		14	400640	6095490	Till						T		
92EL118		14	400640	6094950	Till						T		
92EL119		14	400300	6093890	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92EL120		14	399350	6093780	Till						T		
92EL121		14	398840	6093870	Till						T		
92EL122		14	398660	6094220	Till						T		
92EL123		14	398370	6095350	Till						T		
92EL124		14	398310	6096710	Till						T		
92EL125		14	398020	6098050	Till						T		
92EL126		14	398380	6098800	Till						T		
92EL127		14	399800	6095570	Till						T		
92EL128		14	399710	6096940	Till						T		
92EL129		14	399220	6097970	Till						T		
92EL130		14	397760	6099690	Till						T		
92EL131		14	400490	6098980	Till						T		
92EL132		14	399380	6099530	Till						T		
92EL133		14	387510	6073940	Till						T		
92EL134		14	387400	6072980	Till						T		
92EL135		14	387450	6072030	Till						T		
92EL136		14	387100	6071230	Till						T		
92EL137		14	387090	6070280	Till						T		
92EL138		14	386120	6069700	Till						T		
92EL139		14	386310	6070630	Till						T		
92EL140		14	386450	6071340	Till						T		
92EL141		14	386590	6072350	Till						T		
92EL142		14	386510	6073640	Till						T		
92EL143		14	387120	6075870	Till						T		
92EL144		14	386190	6075930	Till						T		
92EL145		14	386400	6074950	Till						T		
92EL146		14	387500	6074860	Till						T		
92EL147		14	385260	6075430	Till						T		
92EL148		14	385320	6074610	Till						T		
92EL149		14	385050	6073530	Till						T		
92EL150		14	384520	6072870	Till						T		
92EL151		14	384430	6071280	Till						T		
92EL152		14	384210	6072180	Till						T		
92EL153		14	400480	6073230	Till						T		
92EL154		14	399650	6072860	Till						T		
92EL155		14	397460	6068490	Till						T		
92EL156		14	395520	6094900	Till						T		
92EL157		14	394890	6094230	Till						T		
92EL158		14	395480	6093080	Till						T		
92EL159		14	392580	6094300	Till						T		
92EL160		14	391790	6093400	Till						T		
92EL161		14	391790	6092710	Till						T		
92EL162		14	393160	6091700	Till						T		
92EL163		14	394330	6091370	Till						T		
92EL164		14	393880	6089890	Till						T		
92EL165		14	392100	6070540	Till						T		
92EL166		14	392690	6073880	Till						T		
92EL167		14	391700	6075980	Till						T		
92EL168		14	373290	6093700	Till						T		
92EL169		14	373920	6094440	Till						T		
92EL170		14	374700	6091240	Till						T		
92EL171		14	375690	6092030	Till						T		
92EL172		14	375790	6093680	Till						T		
92EL173		14	377320	6093390	Till						T		
92EL174		14	379720	6092480	Till						T		
92EL175		14	383620	6086700	Till						T		
92EL176		14	384570	6087770	Till						T		
92EL177		14	384770	6089080	Till						T		
92EL178		14	395020	6082850	Till						T		
92EL179		14	391440	6083600	Till						T		
92EL180		14	385990	6083740	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92EL181		14	386800	6084710	Till						T		
92EL183		14	404300	6101070	Till						T		
92EL184		14	404330	6100470	Till						T		
92EL185		14	402990	6100800	Till						T		
92HJB1001H	SPH920005	13	686650	6084650	Humus						H		
92HJB1002H	SPH920006	13	683450	6083860	Humus						H		
92HJB1003H	SPH920009	13	673075	6083150	Humus						H		
92HJB1005H	SPH920013	14	311100	6080645	Humus						H		
92HJB1006H	SPH920016	14	312850	6078675	Humus						H		
92HJB1007H	SPH920019	14	312475	6075200	Humus						H		
92HJB1008H	SPH920022	14	311650	6081425	Humus						H		
92HJB1010H	SPH920026	14	314050	6081200	Humus						H		
92HJB1011H	SPH920029	14	307300	6078400	Humus						H		
92HJB1013H	SPH920034	13	307125	6088275	Humus						H		
92HJB1014H	SPH920035	13	692125	6086100	Humus						H		
92HJB1015H	SPH920036	13	692370	6085370	Humus						H		
92HJB1016H	SPH920037	13	308100	6085100	Humus						H		
92HJB1017H	SPH920039	14	309460	6083240	Humus						H		
92HJB1018H	SPH920040	13	670305	6087650	Humus						H		
92HJB1019H	SPH920041	13	670030	6086700	Humus						H		
92HJB1020H	SPH920042	13	669645	6086165	Humus						H		
92HJB1021H	SPH920043	13	668410	6085590	Humus						H		
92HJB1022H	SPH920044	13	668000	6083630	Humus						H		
92HJB1023H	SPH920045	13	669320	6082150	Humus						H		
92HJB1024H	SPH920046	13	664290	6083170	Humus						H		
92HJB1025H	SPH920048	13	690030	6079955	Humus						H		
92HJB1026H	SPH920050	14	315110	6071280	Humus						H		
92HJB1027H	SPH920051	14	312395	6072535	Humus						H		
92HJB1028H	SPH920052	14	311180	6075365	Humus						H		
92HJB1029H	SPH920053	13	686045	6079030	Humus						H		
92HJB1030H	SPH920054	13	687395	6079170	Humus						H		
92HJB1031H	SPH920055	13	688445	6078540	Humus						H		
92HJB1032H	SPH920056	13	689750	6078590	Humus						H		
92HJB1033H	SPH920057	13	675130	6080430	Humus						H		
92HJB1034H	SPH920058	13	676425	6079125	Humus						H		
92HJB1035H	SPH920059	13	678350	6081120	Humus						H		
92HJB1036H	SPH920060	13	679515	6078950	Humus						H		
92HJB1037H	SPH920061	13	680540	6080490	Humus						H		
92HJB1038H	SPH920062	13	681860	6079880	Humus						H		
92HJB1039H	SPH920063	13	683640	6080240	Humus						H		
92HJB1040H	SPH920064	13	685945	6077500	Humus						H		
92HJB1041H	SPH920065	13	686740	6089930	Humus						H		
92HJB1042H	SPH920066	13	685645	6088600	Humus						H		
92HJB1043H	SPH920067	13	684700	6087040	Humus						H		
92HJB1044H	SPH920069	13	688230	6086440	Humus						H		
92HJB1046H	SPH920071	14	312950	6071425	Humus						H		
92HJB1047H	SPH920073	13	687800	6080820	Humus						H		
92HJB1048H	SPH920074	13	660550	6080305	Humus						H		
92HJB1049H	SPH920075	14	313450	6076045	Humus						H		
92HJB1050H	SPH920076	13	691160	6078895	Humus						H		
92HJB2001H	JEC922001	14	311175	6063450	Humus						H		
92HJB2002H	JEC922002	14	315875	6058330	Humus						H		
92HJB2003H	JEC922003	14	315550	6068665	Humus						H		
92HJB2004H	JEC922004	14	307710	6056595	Humus						H		
92HJB2005H	JEC922005	14	307775	6055360	Humus						H		
92HJB2006H	JEC922006	14	306770	6053380	Humus						H		
92HJB2008H	JEC922011	13	692525	6056525	Humus						H		
92HJB2009H	JEC922012	13	693125	6055225	Humus						H		
92HJB2010H	JEC922007	14	306580	6052440	Humus						H		
92HJB2011H	JEC922018	13	691635	6046160	Humus						H		
92HJB2012H	JEC922019	13	693775	6044510	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92HJB2013H	JEC922020	14	306775	6043300	Humus						H		
92HJB2014H	JEC922025	13	689075	6042875	Humus						H		
92HJB2015H	JEC922026	13	686600	6043075	Humus						H		
92HJB2016H	JEC922027	13	685250	6045050	Humus						H		
92HJB2017H	JEC922028	13	685390	6048790	Humus						H		
92HJB2018H	JEC922029	13	685260	6051625	Humus						H		
92HJB2019H	JEC922030	13	686710	6053940	Humus						H		
92HJB2020H	JEC922031	13	687750	6055685	Humus						H		
92HJB2021H	JEC922034	14	311175	6043700	Humus						H		
92HJB2022H	JEC922035	14	312255	6045920	Humus						H		
92HJB2023H	JEC922036	14	313420	6045040	Humus						H		
92HJB2024H	JEC922037	14	313000	6047785	Humus						H		
92HJB2025H	JEC922038	14	313230	6049650	Humus						H		
92HJB2026H	JEC922041	13	680025	6049500	Humus						H		
92HJB2027H	JEC922042	13	677650	6048900	Humus						H		
92HJB2028H	JEC922043	13	684425	6055400	Humus						H		
92HJB2029H	JEC922044	14	310725	6049600	Humus						H		
92HJB2030H	JEC922045	14	309800	6047950	Humus						H		
92HJB2031H	JEC922046	14	309150	6046050	Humus						H		
92HJB2032H	JEC922047	14	307625	6044825	Humus						H		
92HJB2033H	JEC922058	13	686050	6059375	Humus						H		
92HJB2034H	JEC922060	13	684000	6058150	Humus						H		
92HJB2035H	JEC922064	13	686500	6063350	Humus						H		
92HJB2036H	JEC922067	13	691200	6064900	Humus						H		
92HJB2037H	JEC922069	14	310715	6056350	Humus						H		
92HJB2038H	JEC922070	14	310280	6055230	Humus						H		
92HJB2039H	JEC922071	14	308570	6054825	Humus						H		
92HJB2040H	JEC922072	13	687800	6052500	Humus						H		
92HJB2041H	JEC922073	13	686400	6050720	Humus						H		
92HJB2042H	JEC922075	13	684490	6066000	Humus						H		
92HJB2043H	JEC922076	13	681475	6067195	Humus						H		
92HJB2044H	JEC922078	13	679400	6070775	Humus						H		
92HJB2045H	JEC922079	13	677805	6070455	Humus						H		
92HJB2046H	JEC922080	13	679100	6068525	Humus						H		
92HJB2047H	JEC922083	13	677625	6067105	Humus						H		
92HJB2048H	JEC922084	13	676050	6067860	Humus						H		
92HJB2049H	JEC922085	13	676560	6065775	Humus						H		
92HJB2050H	JEC922086	13	674395	6067025	Humus						H		
92HJB2051H	JEC922089	13	676400	6064050	Humus						H		
92HJB2052H	JEC922090	13	674900	6063945	Humus						H		
92HJB2053H	JEC922091	13	673625	6062475	Humus						H		
92HJB2054H	JEC922092	13	675500	6061475	Humus						H		
92HJB2055H	JEC922093	13	672330	6061150	Humus						H		
92HJB2056H	JEC922094	13	672265	6055000	Humus						H		
92HJB2057H	JEC922096	13	672060	6058275	Humus						H		
92HJB2058H	JEC922098	13	674155	6059630	Humus						H		
92HJB2059H	JEC922099	13	674680	6057075	Humus						H		
92HJB2060H	JEC922101	13	679150	6056530	Humus						H		
92HJB2061H	JEC922102	13	676475	6056630	Humus						H		
92HJB2062H	JEC922103	13	677535	6058835	Humus						H		
92HJB2063H	JEC922104	13	677900	6060885	Humus						H		
92HJB2064H	JEC922106	13	680565	6058435	Humus						H		
92HJB2065H	JEC922108	13	682540	6059450	Humus						H		
92HJB2066H	JEC922109	13	690850	6055950	Humus						H		
92HJB2067H	JEC922110	13	689530	6053650	Humus						H		
92HJB2068H	JEC922111	13	690225	6051700	Humus						H		
92HJB1000	SPH920001	13	687475	6082000	diamicton	150	C		dk greyish brwn	2.5Y 4/2	FT		
92HJB1001	SPH920005	13	686650	6084650	diamicton	80	C		olive brwn	2.5Y 4/4	D		
92HJB1002	SPH920006	13	683450	6083860	diamicton	90	C		lt olive brwn	2.5Y 5/4	D		
92HJB1003	SPH920009	13	673075	6083150	med. sand w. pebs	70	B		lt olive brwn	2.5Y 5/4	GF		
92HJB1004	SPH920010	13	669685	6082550	diamicton	80	C		lt olive brwn	2.5Y 5/4	FT		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92HJB1005A	SPH920013	14	313350	6080645	silty diamicton	60	C		dk greyish brwn	2.5Y 5/4	D		2
92HJB1005B	SPH920013	14	313350	6080645	silty diamicton	50	C		dk brwn	10YR 3/3	T		1
92HJB1006	SPH920016	14	312850	6078675	diamicton	80	C		greyish brwn	2.5Y 5/2	FT		
92HJB1007	SPH920019	14	312475	6075200	silty diamicton	80	C		lt olive brwn	2.5Y 5/4	T		
92HJB1008	SPH920022	14	311650	6081425	diamicton	100	C		olive brwn	2.5Y 4/4	T		
92HJB1009	SPH920025	14	315300	6080945	diamicton	100	C		dk grey brwn	2.5Y 4/2	FT		
92HJB1010	SPH920026	14	314050	6081200	diamicton	80	C		olive brwn	2.5Y 4/4	T		
92HJB1011	SPH920029	14	307300	6078400	poorly sorted sand	90	C		olive brwn	2.5Y 4/4	GF		
92HJB1012	SPH920030	14	309550	6077250	diamicton	95	C		olive brwn	2.5Y 4/4	D		
92HJB1013	SPH920034	14	307125	6088275	diamicton	100	C		dk greyish brwn	2.5Y 4/2	D		
92HJB1014	SPH920035	13	692125	6086100	f. diamicton	70	C		dk yellow brwn	10YR 4/4	FT		
92HJB1015A	SPH920036	13	692370	6085370	diamicton	80	C		lt olive brwn	2.5Y 5/4	FT		2
92HJB1015B	SPH920036	13	692370	6085370	f. diamicton	30	B/C		olive brwn	2.5Y 4/4	FT		1
92HJB1016	SPH920037	14	308100	6085100	f. diamicton	100	C		yellowish brwn	10YR 5/4	D		
92HJB1017	SPH920039	14	309460	6083240	f. diamicton	70	B/C		yellowish brwn	10YR 5/4	FT		
92HJB1018	SPH920040	13	670305	6087650	diamicton	70	C		lt brwn grey	2.5Y 6/2	FT		
92HJB1019	SPH920041	13	670030	6086700	diamicton	40	C		dk yellowish brwn	10YR 4/4	D		
92HJB1020	SPH920042	13	669645	6086165	f. diamicton	50	C		olive brwn	2.5Y 4/4	FT		
92HJB1021	SPH920043	13	668410	6085590	f. diamicton	40	C		greyish brwn	2.5Y 5/2	FT		
92HJB1022A	SPH920044	13	668000	6083630	diamicton	100	C		lt olive brwn	2.5Y 5/4	T		2
92HJB1022B	SPH920044	13	668000	6083630	m. diamicton	70	C		lt olive brwn	2.5Y 5/6	FT		1
92HJB1023	SPH920045	13	669320	6082150	diamicton	50	B/C		lt olive brwn	2.5Y 5/4	D		
92HJB1024	SPH920046	13	664290	6083170	diamicton	70	C		olive brwn	2.5Y 4/4	D		
92HJB1025A	SPH920048	13	690030	6079955	f. diamicton	130	C		olive grey	5Y 5/2	FT		3
92HJB1025B	SPH920048	13	690030	6079955	diamicton	80	C		olive	5Y 5/3	FT		2
92HJB1025C	SPH920048	13	690030	6079955	diamicton	50	C		olive grey	5Y 5/2	FT		1
92HJB1026	SPH920050	14	315110	6071280	diamicton	50	C		grey brwn	2.5Y 5/2	T		
92HJB1027	SPH920051	14	312395	6072535	silty sand diamicton	200	C		olive grey	5Y 5/2	T		
92HJB1028	SPH920052	14	311180	6075365	f. diamicton	60	C		pale olive	5Y 6/3	D		
92HJB1029	SPH920053	13	686045	6079030	silty sand diamicton	90	B/C		olive brwn	2.5Y 5/3	T		
92HJB1030	SPH920054	13	687395	6079170	diamicton	80	C		olive	5Y 4/3	D		
92HJB1031	SPH920055	13	688445	6078540	diamicton	90	B		lt olive brwn	2.5Y 5/4	D		
92HJB1032	SPH920056	13	689750	6078590	diamicton	100	B/C		olive brwn	2.5Y 4/4	D		
92HJB1033	SPH920057	13	675130	6080430	diamicton	90	B		olive grey	5Y 5/2	T		
92HJB1034	SPH920058	13	676425	6079125	diamicton	60	B		olive brwn	2.5Y 4/4	D		
92HJB1035	SPH920059	13	678350	6081120	diamicton	80	C		olive	5Y 4/3	T		
92HJB1036	SPH920060	13	679515	6078950	gravel	90	B		olive brwn	2.5Y 4/4	GF		
92HJB1037	SPH920061	13	680540	6080490	diamicton	80	C		olive	5Y 5/3	D		
92HJB1038	SPH920062	13	681860	6079880	diamicton	65	C		olive	5Y 4/3	FT		
92HJB1039	SPH920063	13	683640	6080240	gravel	50	B		olive	5Y 5/3	GF		
92HJB1040	SPH920064	13	685945	6077500	diamicton	50	C		dk greyish brwn	2.5Y 4/2	D		
92HJB1041	SPH920065	13	686740	6089930	diamicton	70	B/C		yellow brwn	10Y R5/4	D		
92HJB1042	SPH920066	13	685645	6088600	diamicton	80	C		lt olive brwn	2.5Y 5/4	D		
92HJB1043A	SPH920067	13	684700	6087040	gravel	45	C		olive brwn	2.5Y 5/4	GF		2
92HJB1043B	SPH920067	13	684700	6087040	f. diamicton	35	C		olive	5Y 5/3	FT		1
92HJB1044	SPH920069	13	688230	6086440	diamicton	80	B		lt olive brwn	2.5Y 5/4	D		
92HJB1045	SPH920070	14	312440	6071845	diamicton	100	C		olive grey	5Y 5/2	D		
92HJB1046	SPH920071	14	312950	6071425	diamicton	80	B/C		olive	5Y 5/3	D		
92HJB1047	SPH920073	13	687800	6080820	diamicton	80	B/C		olive brwn	2.5Y 4/4	T		
92HJB1048	SPH920074	13	660550	6080305	diamicton	90	C		olive brwn	2.5Y 4/4	FT		
92HJB1049	SPH920075	14	313450	6076045	diamicton	100	C		greyish brwn	2.5Y 5/2	T		
92HJB1050	SPH920076	13	691160	6078895	diamicton	100	C		dk greyish brwn	2.5Y 4/2	FT		
92HJB1051	SPH920077	14	315300	6080945	silty diamicton	20	C		dk greyish brwn	2.5Y 4/2	FT		
92HJB2000	JEC922000	14	314175	6070150	silty sand diamicton	160	C		olive grey	5Y 5/2	D		
92HJB2001	JEC922001	14	311175	6063450	diamicton	100	C		dk. grey brwn	2.5Y 4/2	D		
92HJB2002	JEC922002	14	315875	6058330	diamicton	270	C		v. dk. grey brwn	2.5Y 3/2	D		
92HJB2003	JEC922003	14	315550	6068665	silty sand diamicton	180	C		dk. grey brwn	2.5Y 4/2	T		
92HJB2004	JEC922004	14	307710	6056595	diamicton	100	C		grey brwn	2.5Y 5/2	T		
92HJB2005	JEC922005	14	307775	6055360	silty diamicton	50	B		olive brwn	2.5Y 4/4	D		
92HJB2006A	JEC922006	14	306770	6053380	silty sand diamicton	40	B		olve-olve grey	5Y 4/2	T		1
92HJB2006B	JEC922006	14	306770	6053380	silt diamicton	130	C		greyish brwn	2.5Y 5/2	T		2

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92HJB2010	JEC922007	14	306580	6052440	silt diamicton	70	B		olive grey	5Y 4/2.5	D		
92HJB2007	JEC922010	14	306580	6052440	silty sand diamicton	150	C		greyish brwn	2.5Y 5/2	FT		
92HJB2008	JEC922011	13	691500	6063600	silty sand diamicton	160	C		olive grey	5Y 4/2	T		
92HJB2009	JEC922012	13	692525	6056525	silty diamicton	110	B		olive brwn	2.5Y 4/4	D		
92HJB2011	JEC922018	13	691635	6046160	silty diamicton	90	C		olive grey	5Y 4/2	T		
92HJB2012	JEC922019	13	693775	6044510	silty diamicton	100	C		olive	5Y 4/3	T		
92HJB2013	JEC922020	14	306775	6043300	silty diamicton	90	C		lt. olve brwn	2.5Y 5/4	T		
92HJB2014	JEC922025	13	689075	6042875	silt diamicton	110	C		olive grey	5Y 4/2	T		
92HJB2015	JEC922026	13	686600	6043075	silt diamicton	60	C		dk. grey brwn	2.5Y 4/2	T		
92HJB2016	JEC922027	13	685250	6045050	silty sand diamicton	100	B/C		dk. yel brwn	10YR 4/4	T		
92HJB2017A	JEC922028	13	685390	6048790	diamicton	60	B		dk. greyish brwn	2.5Y 4/2	T		1
92HJB2017B	JEC922028	13	685390	6048790	silty sand diamicton	80	B/C		olive grey	5Y 4/2	T		2
92HJB2018A	JEC922029	13	685260	6051625	silty sand diamicton	40	B		greyish brwn	2.5Y 5/2	T		1
92HJB2018B	JEC922029	13	685260	6051625	silty diamicton	60	B		dk. yel brwn	10YR 4/4	T		2
92HJB2019	JEC922030	13	686710	6053940	silty diamicton	100	C		lt. greyish brwn	2.5Y 6/2	T		
92HJB2020	JEC922031	13	687750	6055685	silty sand diamicton	80	B		olive brwn	2.5Y 4/4	T		
92HJB2021	JEC922034	14	311175	6043700	silty diamicton	70	B/C		dk. yel brwn	10YR 4/3	T		
92HJB2022	JEC922035	14	312255	6045920	silt diamicton	100	C		dk. brwn	10YR 3/3	T		
92HJB2023	JEC922036	14	313420	6045040	diamicton	40	C		dk. grey brwn	2.5Y 4/2	D		
92HJB2024	JEC922037	14	313000	6047785	silty sand diamicton	100	C		lt. olve brwn	2.5Y 5/4	D		
92HJB2025	JEC922038	14	313230	6049650	silty sand diamicton	110	C		olive brwn	2.5Y 4/4	D		
92HJB2026A	JEC922041	13	680025	6049500	silty sand diamicton	70	C		grey	2.5Y 5/1	D		1
92HJB2026B	JEC922041	13	680025	6049500	silty sand diamicton	100	C		dk. grey brwn	2.5Y 4/2	D		2
92HJB2027	JEC922042	13	677650	6048900	diamicton	70	C		dk. grey brwn	2.5Y 4/2	D		
92HJB2028	JEC922043	13	684425	6055400	silty sand diamicton	100	C		dk. brwn	10YR 3/3	T		
92HJB2029	JEC922044	14	310725	6049600	silty sand diamicton	130	B/C		olive brwn	2.5Y 4/4	T		
92HJB2030	JEC922045	14	309800	6047950	silt diamicton	90	C		dk. greyish brwn	5Y 4/2	T		
92HJB2031	JEC922046	14	309150	6046050	silty diamicton	120	C		dk. brwn	10YR 3/3	T		
92HJB2032A	JEC922047	14	307625	6044825	diamicton	60	B		dk. yel brwn	10YR 3/4	D		1
92HJB2032B	JEC922047	14	307625	6044825	silt diamicton	110	C		v. dk. grey brwn	10YR 3/2	D		2
92HJB2033	JEC922058	13	686050	6059375	diamicton	40	B		v. dk. grey brwn	2.5Y 3/2	D		
92HJB2034	JEC922060	13	684000	6058150	silt diamicton	60	B/C		olive	5Y 4/3	D		
92HJB2035	JEC922064	13	686500	6063350	silty sand diamicton	100	C		v. dk. grey brwn	2.5Y 3/2	T		
92HJB2036A	JEC922067	13	691200	6064900	silty sand diamicton	90	B		greyish brwn	2.5Y 5/2	D		1
92HJB2036B	JEC922067	13	691200	6064900	silty sand diamicton	150	C		dk. grey brwn	2.5Y 5/2	T		2
92HJB2036C	JEC922067	13	691200	6064900	diamicton	260	C		greyish brwn	2.5Y 5/2	T		3
92HJB2037A	JEC922069	14	310715	6056350	silty sand diamicton	50	C		olive	5Y 4/3	T		1
92HJB2037B	JEC922069	14	310715	6056350	silty sand diamicton	100	C		dk. greyish brwn	2.5Y 4/2	T		2
92HJB2038A	JEC922070	14	310280	6055230	silty sand diamicton	80	B		dk. greyish brwn	2.5Y 4/2	D		1
92HJB2038B	JEC922070	14	310280	6055230	silty diamicton	110	C		olive grey	5Y 5/2	D		2
92HJB2039	JEC922071	14	308570	6054825	silty sand diamicton	90	B		dk. grey brwn	2.5Y 4/2	T		
92HJB2040	JEC922072	13	687800	6052500	diamicton	55	C		olive	5Y 5/3	D		
92HJB2041	JEC922073	13	686400	6050720	diamicton	50	B		olive	5Y 4/3	FT		
92HJB2042	JEC922075	13	684490	6066000	diamicton	90	B		olive brwn	2.5Y 4/4	D		
92HJB2043	JEC922076	13	681475	6067195	silty sand diamicton	100	C		olive grey	5Y 4/2	T		
92HJB2044	JEC922078	13	679400	6070775	diamicton	90	B		dk. yel brwn	10YR 3/4	D		
92HJB2045	JEC922079	13	677805	6070455	silty sand diamicton	60	C		v. dk. grey brwn	2.5Y 3/2	D		
92HJB2046	JEC922080	13	679100	6068525	silty sand diamicton	50	C		dk. brwn	10YR 3/3	FT		
92HJB2047	JEC922083	13	677625	6067105	silty sand diamicton	70	C		olive grey	5Y 4/2	T		
92HJB2048	JEC922084	13	676050	6067860	silty sand diamicton	90	B		olive	5Y 4/3	FT		
92HJB2049A	JEC922085	13	676560	6065775	silty sand diamicton	40	C		dk. greyish brwn	2.5Y 4/2	D		1
92HJB2049B	JEC922085	13	676560	6065775	silt diamicton	70	C		dk. olive	5Y 3/2	D		2
92HJB2050	JEC922086	13	674395	6067025	silty sand diamicton	110	C		dk. grey brwn	2.5Y 4/2	D		
92HJB2051A	JEC922089	13	676400	6064050	silty sand diamicton	40	B		olive grey	5Y 4/2	D		1
92HJB2051B	JEC922089	13	676400	6064050	silty sand diamicton	100	C		dk. olive grey	5Y 3/2	D		2
92HJB2052	JEC922090	13	674900	6063945	silty sand diamicton	50	B		dk. grey brwn	2.5Y 4/2	D		
92HJB2053	JEC922091	13	673625	6062475	silty sand diamicton	70	C		v. dk. grey brwn	2.5Y 3/2	D		
92HJB2054	JEC922092	13	675500	6061475	silty f. sand diamicton	60	B		olive brwn	2.5Y 4/4	D		
92HJB2055	JEC922093	13	672330	6061150	silty diamicton	60	B/C		dk. greyish brwn	2.5Y 4/2	D		
92HJB2056	JEC922094	13	672265	6055000	silty sand diamicton	80	C		olive grey	5Y 4/2	D		
92HJB2057	JEC922096	13	672060	6058275	silty sand diamicton	40	B/C		dk. grey brwn	2.5Y 4/2	T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92HJB2058	JEC922098	13	674155	6059630	silty sand diamicton	80	C		dk. grey brwn	2.5Y 4/2	T		
92HJB2059	JEC922099	13	674680	6057075	silty diamicton	80	C		olive	5Y 4/3	D		
92HJB2060	JEC922101	13	679150	6056530	silty sand diamicton	60	C		olive grey	5Y 4/2	D		
92HJB2061	JEC922102	13	676475	6056630	silty sand diamicton	90	C		olive grey	5Y 4/2	T		
92HJB2062	JEC922103	13	677535	6058835	silty sand diamicton	90	C		dk. grey brwn	2.5Y 4/2	T		
92HJB2063A	JEC922104	13	677900	6060885	silty sand diamicton	50	B		dk. grey brwn	2.5Y 4/2	D		1
92HJB2063B	JEC922104	13	677900	6060885	silty sand diamicton	120	C		dk. brwn	10YR 3/3	D		2
92HJB2064	JEC922106	13	680585	6058435	silty sand diamicton	70	C		dk. grey brwn	2.5Y 4/2	T		
92HJB2065	JEC922108	13	682540	6059450	diamicton	70	B/C		olive	5Y 4/3	T		
92HJB2066	JEC922109	13	690850	6055950	silty sand diamicton	90	C		grey	5Y 5/1	D		
92HJB2067A	JEC922110	13	689530	6053650	silty sand diamicton	50	B		olive	5Y 4/3	D		1
92HJB2067B	JEC922110	13	689530	6053650	silty diamicton	80	C		olive grey	5Y 4/2	T		2
92HJB2068A	JEC922111	13	690225	6051700	diamicton	90	C		dk. brwn	10YR 4/3	D		1
92HJB2068B	JEC922111	13	690225	6051700	silty sand diamicton	102	C		olive grey	5Y 4/2	T		2
92HJB2069A	JEC922112	13	689450	6061525	silty sand diamicton	60	B		olive brwn	2.5Y 4/4	FT		1
92HJB2069B	JEC922112	13	689450	6061525	diamicton	305	C		dk. greyish brwn	2.5Y 4/2	FT		2
92HJB2070	JEC922113	13	689135	6061985	silty sand diamicton	80	B		brown	10YR 5/3	FT		
92HJB2071	JEC922197	13	689150	6062025	Al-1c (Campbell, 1988)						T		
92HJB2072	JEC922198	14	313420	6068250	Al-60 (Campbell, 1988)						T		
92HJB2073	JEC922199	14	314725	6065300	Al-125 (Campbell, 1988)						T		
92HJB2074	JEC922200	14	315725	6068275	Al-148 (Campbell, 1988)						T		
92HJB2075	JEC922201	14	313080	6063260	Al-170 (Campbell, 1988)						T		
92HJB2076	JEC922202	13	690900	6060375	Al-176 (Campbell, 1988)						T		
92HJB2077	JEC922203	14	308420	6058515	Al-189 (Campbell, 1988)						T		
92HJB2078	JEC922204	14	311940	6097975	Al-206 (Campbell, 1988)						T		
92JC0001	JEC920004	13	633000	6119250	Till	65	B/C	A	dk brown	10YR 4/3	T	Silty-sandy	
92JC0002	JEC920004	13	633000	6119250	Humus	8					H		
92JC0003	JEC920010	13	641315	6122775	Till	90	B/C	A	dk yel brown	10YR 4/4	T	Silty-sandy	
92JC0004	JEC920010	13	641315	6122775	Humus	6					H		
92JC0005	JEC920013	13	633500	6116400	Till	60	C	A	dk brown	10YR 4/3	T	Sandy	
92JC0006	JEC920013	13	633500	6116400	Humus	10					H		
92JC0007	JEC920015	13	634600	6114150	Till	90	C	A	dk brown	10YR 4/3	T	Silty-sandy	
92JC0008	JEC920015	13	634600	6114150	Humus	10					H		
92JC0009	JEC920016	13	636475	6111535	Till	90	C	A	olive/olive grey	5Y 5/2.5	T	Silty-sandy	
92JC0010	JEC920016	13	636475	6111535	Humus	7					H		
92JC0011	JEC920017	13	637225	6108340	Till	90	C	A	grey brn/olive brn	2.5Y 4/3	T	Sand - silty	
92JC0012	JEC920017	13	637225	6108340	Humus	4					H		
92JC0013	JEC920021	13	637180	6102325	Till	100	C	A	dk brown	10YR 3/3	T	Sand - silty	
92JC0014	JEC920021	13	637180	6102325	Humus	9					H		
92JC0015	JEC920022	13	638150	6101150	Diamicton	40	B/C	A	dk grey brown	2.5Y 4/2	D	Clayey - silt	
92JC0016	JEC920022	13	638150	6101150	Humus	10					H		
92JC0017	JEC920023	13	641100	6099360	Diamicton	40	B	A	olive brown	2.5Y 4/2	D	Silty-sandy	1
92JC0018	JEC920023	13	641100	6099360	Till	70	B/C	C	olive brown	2.5Y 4/3	T	Silty-sandy	2
92JC0019	JEC920023	13	641100	6099360	Humus	12					H		0
92JC0020	JEC920024	13	642475	6097775	Till	100	C	A	dk grey brown	2.5Y 4/2	T	Silty-sandy	
92JC0021	JEC920024	13	642475	6097775	Humus	2					H		
92JC0022	JEC920028	13	644500	6093260	Till	70	B/C	A	olive brown	2.5Y 4/4	T	Silty-sandy	
92JC0023	JEC920028	13	644500	6093260	Humus	2					H		
92JC0024	JEC920030	13	645225	6091670	Till	90	C	A	dk grey brown	2.5Y 4/2	T	Silty-sandy	
92JC0025	JEC920030	13	645225	6091670	Humus	2					H		
92JC0026	JEC920031	13	645000	6088560	Till	50	B/C	A	olive brown	2.5Y 4/4	T	Sand - silty	1
92JC0027	JEC920031	13	645000	6088560	Till	100	C	B	grey brown	2.5Y 5/2	T	Silty-sandy	2
92JC0028	JEC920031	13	645000	6088560	Humus	2					H		0
92JC0029	JEC920033	13	643640	6085640	Till	70	C	B	dk grey brown	2.5Y 4/2	T	Silty-sandy	
92JC0030	JEC920033	13	643640	6085640	Humus	10					H		
92JC0031	JEC920034	13	642410	6080025	Till	120		A	grey brown	2.5Y 5/2	T	Sand - silty	
92JC0032	JEC920034	13	642410	6080025	Humus	9	C				H		
92JC0033	JEC920039	13	640525	6076265	Till	100		A	lt brwn grey	2.5Y 6/2	T	Sandy	
92JC0034	JEC920039	13	640525	6076265	Humus	10	B/C				H		
92JC0035	JEC920042	13	639800	6090130	Till	120		B	olive	5Y 5/3	T	Silty-sandy	
92JC0036	JEC920042	13	639800	6090130	Humus	10					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92JC0037	JEC920044	13	634500	6069150	Till	100		B	lt brwn grey	2.5Y 6/2	T	Silty-sandy	
92JC0038	JEC920044	13	634500	6069150	Humus	2					H		
92JC0039	JEC920045	13	639175	6075730	Till	110	C	B	grey brown	2.5Y 5/2	T	Sand - silty	
92JC0040	JEC920045	13	639175	6075730	Humus	10					H		
92JC0041	JEC920046	13	630610	6066175	Till	100	C	A	grey brown	2.5Y 5/2	T	Sand - silty	
92JC0042	JEC920046	13	630610	6066175	Humus	20					H		
92JC0043	JEC920049	13	637850	6061125	Diamicton	110	C	B	dk grey brown	2.5Y 4/2	D	Silty-sandy	
92JC0044	JEC920049	13	637850	6061125	Humus	4					H		
92JC0045	JEC920051	13	634020	6064020	Till	90	C	B	grey brown	2.5Y 5/2	T	Silty-sandy	
92JC0046	JEC920051	13	634020	6064020	Humus	2					H		
92JC0047	JEC920052	13	643865	6078050	Till	110	C	C	grey brown	2.5Y 5/2	T	Sand - silty	
92JC0048	JEC920052	13	643865	6078050	Humus	10					H		
92JC0049	JEC920053	13	646760	6077800	Till	100	C	B	grey brown	2.5Y 5/2	T	Silty-sandy	
92JC0050	JEC920053	13	646760	6077800	Humus	50					H		
92JC0051	JEC920057	13	655720	6079510	Till	50	B/C	B	grey brown	2.5Y 5/3	T	Silty-sandy	1
92JC0052	JEC920057	13	655720	6079510	Till	120	B	D	grey brown	2.5Y 5/2	T	Sand - silty	2
92JC0053	JEC920057	13	655720	6079510	Humus	5					H		0
92JC0054	JEC920059	13	659375	6080830	Till	40	B/C	B	grey brown	2.5Y 5/2	T	Silty-sandy	
92JC0055	JEC920059	13	659375	6080830	Humus	5					H		
92JC0056	JEC920060	13	658840	6082330	Till	100	C	B	grey brown	2.5Y 5/2	T	Silty-sandy	
92JC0057	JEC920060	13	658840	6082330	Humus	5					H		
92JC0058	JEC920061	13	653425	6079760	Diamicton	50	B/C	B	dark brown	10YR 3/3	D	Silty-sandy	
92JC0059	JEC920061	13	653425	6079760	Humus	5					H		
92JC0060	JEC920063	13	651450	6077080	Till	120	C	B	grey brown	2.5Y 5/2	T	Silty-sandy	
92JC0061	JEC920063	13	651450	6077080	Humus	5					H		
92JC0062	JEC920001	13	632175	6117650	Diamicton	50	B/C	A	dk yel brown	10YR 3/5	D	Sandy	
92JC0063	JEC920001	13	632175	6117650	Humus	5					H		
92JC0064	JEC920009	13	639750	6120375	Diamicton	40	B/C	A	dk yel brown	10YR 4/6	D	Sandy	
92JC0065	JEC920009	13	639750	6120375	Humus	5					H		
92JC0066	JEC920064	13	642765	6082160	Till	70	B/C	A	dk grey brown	2.5Y 4/2	T	Silty-sandy	
92JC0067	JEC920064	13	642765	6082160	Humus	3					H		
92JC0068	JEC920068	13	648775	6076600	Diamicton	100	B/C	B	grey brown	2.5Y 5/2	D	Sandy	
92JC0069	JEC920069	13	688865	6042365	Till	130	C	A	olive grey	5Y 4/2	T	Silty	
92JC0069A	JEC920068	13	648775	6076600	Humus	3					H		
92JC0070	JEC920069	13	688865	6042365	Humus	4					H		
92JC0071	JEC920070	13	687500	6040320	Till	50	B/C	A	olive	5Y 4/3	T	Silty	
92JC0072	JEC920070	13	687500	6040320	Humus	8					H		
92JC0073	JEC920072	13	684425	6035900	Till	50	B/C	B	dark brown	10YR 3/3	T	Silty	
92JC0074	JEC920072	13	684425	6035900	Humus	7					H		
92JC0075	JEC920073	13	685460	6038825	Till	85	B/C	C	olive	5Y 4/2	T	Silty	
92JC0076	JEC920073	13	685460	6038825	Humus	20					H		
92JC0077	JEC920074	13	686150	6041600	Till	30	B/C	A	olive	5Y 4/3	T	Silty-sandy	1
92JC0078	JEC920074	13	686150	6041600	Till	90	C	C	dk grey brown	2.5Y 4/2	T	Silty-sandy	2
92JC0079	JEC920074	13	686150	6041600	Humus	6					H		0
92MOB0001	MOB920001	14	449581	6050986	Till	90	C	B	light grey	10YR 7/2	T	Silty	
92MOB0002	MOB920001	14	449581	6050986	Humus	15					H		
92MOB0004	MOB920003	14	488277	5987724	Clay-marl	70	C				FGL	clayey	
92MOB0005	MOB920007	14	488968	5989096	Diamicton	15	B/C	A			D		
92MOB0006	MOB920009	14	487175	5983781	Humus	5					H		0
92MOB0008	MOB920009	14	487175	5983781	Till	40	C	B	white	10YR 8/1	T		2
92MOB0009	MOB920009	14	487175	5983781	Diamicton	10	B	A			D	clayey	1
92MOB0011	MOB920017	14	489048	6005732	Alluvial silt	30		A			A	Silty	
92MOB0019	MOB920035	14	496578	6059712	Till	50		A	light grey	5Y 7/2	T	Sandy	
92MOB0020	MOB920035	14	496578	6059712	Humus	10					H		
92MOB0022	MOB920037	14	493656	6056363	Peat layers	30		A			O		
92MOB0023	MOB920038	14	493686	6056135	Pebbly diamicton	35	B	A			D	Pebbly	
92MOB0024	MOB920040	14	493549	6055649	Till	75		A	light grey	5Y 7/2	T	Silty-sandy	
92MOB0026	MOB920040	14	493549	6055649	Humus	45					H		
92MOB0027	MOB920041	14	493219	6055850	Till	150	B/C	C	white	5Y 8/2	T	Silty	
92MOB0028	MOB920041	14	493219	6055850	Humus	30					H		
92MOB0029	MOB920043	14	452837	6045904	Till	75	B/C	A	pale yellow	5Y 8/3	T	Stony	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB0030	MOB920043	14	452837	6045904	Humus	5					H		
92MOB0032	MOB920047	14	448548	6035727	Till	60	C	B	light grey	10YR 7/1	T		
92MOB0034	MOB920047	14	448548	6035727	Humus	5					H		
92MOB0035	MOB920048	14	445619	6034922	Till	60	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0037	MOB920048	14	445619	6034922	Humus	2					H		
92MOB0038	MOB920049	14	446685	6035147	Till	60	B/C	C			T		
92MOB0039	MOB920050	14	447492	6035510	Till	45	B/C	B	light grey	2.5Y 7/2	T	Stony	
92MOB0041	MOB920050	14	447492	6035510	Humus	5					H		
92MOB0042	MOB920059	14	451250	6039200	Till	50	B/C	B	light grey	10YR 7/1	T		
92MOB0044	MOB920059	14	451250	6039200	Humus	5					H		
92MOB0045	MOB920060	14	450629	6039708	Till	70	B/C	B	light grey	10YR 7/1	T	Silty	
92MOB0047	MOB920060	14	450629	6039708	Humus	2					H		
92MOB0048	MOB920064A	14	450100	6045550	Till	110	B/C	B	light grey	2.5Y 7/2	T	Silty	
92MOB0050	MOB920064A	14	450100	6045550	Humus	10					H		
92MOB0051	MOB920064B	14	450100	6045550	Diamicton	50	B/C	C			D	Clayey	
92MOB0052	MOB920002A	14	450125	6045700	Pebbly diamicton	50					D	Pebbly	
92MOB0053	MOB920067	14	449968	6059640	Washed till	75	B	A			T	Sandy	
92MOB0054	MOB920067	14	449968	6059640	Humus	10					H		
92MOB0056	MOB920078	14	448540	6066381	Rythmites	150	C	A			FGL	Clayey	
92MOB0057	MOB920084	14	445872	6060150	Till	60	B/C	A	olive	5Y 5/3	T	Sandy	
92MOB0059	MOB920084	14	445872	6060150	Humus	5					H		
92MOB0060	MOB920085	14	445073	6061536	Till	30	B/C	A	olive	5Y 4/3	T	Sandy	
92MOB0062	MOB920085	14	445073	6061536	Humus	2					H		
92MOB0063	MOB920088	14	444010	6063119	Till	25	B/C	A	olive grey	5Y 5/2	T	Sandy	
92MOB0064	MOB920088	14	444010	6063119	Humus	3					H		
92MOB0066	MOB920089	14	451286	6046942	Diamicton	25	B/C	A			D		
92MOB0067	MOB920090	14	450027	6047298	Till	30	B/C	A	light grey	10YR 7/2	T	Silty	
92MOB0068	MOB920090	14	450027	6047298	Humus	5					H		
92MOB0070	MOB920092	14	443205	6055708	Till	45	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB0071	MOB920092	14	443205	6055708	Humus	2					H		
92MOB0073	WAT920030	14	436653	6054329	Till	60	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB0074	WAT920030	14	436653	6054329	Humus	5					H		
92MOB0076	MOB920093	14	435300	6054050	Till	45	B/C	B	pale olive	5Y 6/3	T	Sandy	
92MOB0077	MOB920093	14	435300	6054050	Humus	2					H		
92MOB0079	MOB920095	14	427408	6053204	Till	70	B	A	pale brown	10YR 6/3	T	Sandy	
92MOB0080	MOB920095	14	427408	6053204	Humus	10					H		
92MOB0082	MOB920096	14	427112	6053360	Till	50	B/C	A	pale yellow	5Y 7/3	T	Sandy	
92MOB0083	MOB920096	14	427112	6053360	Humus	15					H		
92MOB0085	MOB920099	14	424796	6052367	Till	60	B/C	A	pale olive	5Y 6/3	T	Silty	
92MOB0087	MOB920099	14	424796	6052367	Humus	5					H		
92MOB0088	MOB920101	14	424732	6051983	Ice contact sand & gravel	140	B	A			GF	Sandy	
92MOB0089	MOB920101	14	424732	6051983	Silty diamicton	100	B/C	A			D	Silty	
92MOB0090	MOB920102	14	424098	6051745	Till	100	B/C	A	light grey	5Y 7/2	T	Sandy - silty	
92MOB0092	MOB920102	14	424098	6051745	Humus	10					H		
92MOB0093	MOB920103	14	423569	6051703	Till	60	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB0095	MOB920103	14	423569	6051703	Humus	5					H		
92MOB0096	MOB920104	14	423032	6051296	Till	100	B/C	A	pale yellow	5Y 7/3	T	Sandy	
92MOB0097	MOB920106	14	422294	6051508	Till	110	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB0099	MOB920106	14	422294	6051508	Humus	5					H		
92MOB0100	MOB920107	14	422047	6051565	Till	45	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0101	MOB920108B	14	421700	6051750	Till	45	B/C	A	pale yellow	5Y 7/3	T	Sandy	
92MOB0103	MOB920108B	14	421700	6051750	Humus	3					H		
92MOB0104	MOB920110	14	418160	6052359	Ice contact sand & gravel	20	B	A			GF		
92MOB0105	MOB920112	14	418023	6051261	Till	40	B/C	A	very pale brown	10YR 7/3	T	Silty	
92MOB0107	MOB920112	14	418023	6051261	Humus	10					H		
92MOB0108	MOB920113	14	416947	6050847	Till	45	B/C	A	very pale brown	10YR 7/3	T	Silty	
92MOB0110	MOB920113	14	416947	6050847	Humus	8					H		
92MOB0111	MOB920118	14	416002	6049524	Till	60	B/C	A	very pale brown	10 YR 7/3	T	Silty	
92MOB0113	MOB920118	14	416002	6049524	Humus	3					H		
92MOB0114	MOB920119	14	416005	6050232	Till	60	B/C	A	very pale brown -	10YR 7/3	T	Stony	
92MOB0116	MOB920119	14	416005	6050232	Humus	2					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB0117	MOB920121	14	414429	6049579	Till	40	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy	
92MOB0119	MOB920121	14	414429	6049579	Humus	10					H		
92MOB0120	MOB920123	14	413627	6048921	Diamicton - sand	110	B/C	C	brown	10YR 5/3	D		
92MOB0121	MOB920124	14	413736	6048893	Till	20	B/C	A	pale yellow	5Y 7/3	T	Sandy	
92MOB0123	MOB920124	14	413736	6048893	Humus	10					H		
92MOB0124	MOB920125	14	469913	5986124	Till	60	B/C	B	light grey	10YR 7/1	T	Silty	
92MOB0126	MOB920125	14	469913	5986124	Humus	3					H		
92MOB0127	MOB920126	14	473613	5983765	Till	55	B/C	B	white	2.5Y 8/2	T	Silty	
92MOB0129	MOB920126	14	473613	5983765	Humus	10					H		
92MOB0130	MOB920127	14	479106	5983463	Silt	90	B/C	C	light grey	10YR 7/2	FGL	Silty	
92MOB0132	MOB920127	14	479106	5983463	Humus	5					H		
92MOB0133	MOB920128	14	479925	5987750	Till	25	B/C	C	white	2.5Y 8/2	T	Silty	
92MOB0135	MOB920128	14	479925	5987750	Humus	2					H		
92MOB0136	MOB920129	14	484187	5984311	Till	40	B/C	B	white	10YR 8/2	T	Silty	
92MOB0138	MOB920129	14	484187	5984311	Humus	10					H		
92MOB0139	MOB920131	14	445097	6001910	Till	110	B/C	A	white	5Y 8/2	T	Silty	
92MOB0141	MOB920131	14	445097	6001910	Humus	15					H		
92MOB0142	MOB920132	14	443149	6005364	Till	40	B/C	B			T	Silty	
92MOB0145	MOB920133	14	437999	6002027	Till	65	B/C	B	pale yellow	5Y 7/3	T	Silty	
92MOB0147	MOB920133	14	437999	6002027	Humus	15					H		
92MOB0148	MOB920134	14	443035	6011620	Till	50	B/C	B	white	10YR 8/1	T	Silty	
92MOB0150	MOB920134	14	443035	6011620	Humus	15					H		
92MOB0151	MOB920135	14	460238	6017459	Till	110	B/C	C	light grey	5Y 7/2	T	Silty	
92MOB0153	MOB920135	14	460238	6017459	Humus	20					H		
92MOB0154	MOB920136	14	453458	6020735	Till	60	B/C	C	white	5Y 8/1	T	Silty	
92MOB0156	MOB920136	14	453458	6020735	Humus	2					H		
92MOB0157	MOB920137	14	444994	6020132	Till	70	B/C	B	white	2.5Y 8/2	T	Sandy	
92MOB0159	MOB920137	14	444994	6020132	Humus	15					H		
92MOB0160	MOB920138	14	436664	6018105	Till	50	B/C	B	light grey	10YR 7/1	T	Silty-clayey	
92MOB0162	MOB920138	14	436664	6018105	Humus	10					H		
92MOB0163	MOB920139	14	441387	6027536	Till	100	B/C	B	light grey	5Y 7/1	T	Silty	
92MOB0165	MOB920139	14	441387	6027536	Humus	5					H		
92MOB0166	MOB920140	14	453410	6029461	Till	90	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0168	MOB920140	14	453410	6029461	Humus	15					H		
92MOB0169	MOB920141	14	460195	6031098	Till	60	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0171	MOB920141	14	460195	6031098	Humus	5					H		
92MOB0172	MOB920145	14	479828	6021839	Till	60	B/C	A	white	5Y 8/1	T	Silty	
92MOB0174	MOB920145	14	479828	6021839	Humus	10					H		
92MOB0175	MOB920143	14	480115	6015181	Till	50	B/C	B	white	2.5Y 8/2	T	Silty	
92MOB0177	MOB920143	14	480115	6015181	Humus	15					H		
92MOB0179	MOB920148	14	482162	6044295	Till	65	B/C	B	white	10YR 8/1	T	Sandy	
92MOB0181	MOB920148	14	482162	6044295	Humus	10					H		
92MOB0182	MOB920152	14	490062	6063102	Till	70	B/C	A	white	10YR 8/1	T	Silty	
92MOB0184	MOB920152	14	490062	6063102	Humus	2					H		
92MOB0185	MOB920153	14	497967	6063672	Washed till	25	B	A			T		
92MOB0189	MOB920159	14	480098	6083219	Till	85	B/C	A	very pale brown	10YR 7/4	T	Silty	
92MOB0191	MOB920159	14	480098	6083219	Humus	15					H		
92MOB0192	MOB920160	14	499871	6122001	Till	60	B/C	A	light grey	2.5Y 7/2	T	Sandy	
92MOB0194	MOB920160	14	499871	6122001	Humus	20					H		
92MOB0195	MOB920162	14	488359	6113447	Till	50	B/C	A	light grey	2.5Y 7/2	T	Sandy	
92MOB0197	MOB920162	14	488359	6113447	Humus	15					H		
92MOB0198	MOB920163	14	498900	6108550	Diamicton	75	B	A			D		
92MOB0200	MOB920163	14	498900	6108550	Humus	10					H		
92MOB0201	MOB920168	14	445024	6097313	Till	60	B/C	A	olive grey	5Y 5/2	T	Sandy	
92MOB0203	MOB920168	14	445024	6097313	Humus	20					H		
92MOB0204	MOB920169	14	444966	6103186	Till	70	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0206	MOB920169	14	444966	6103186	Humus	15					H		
92MOB0207	MOB920170	14	445149	6111767	Till	60	B	A	very pale brown	10YR 7/4	T	Sandy	
92MOB0209	MOB920170	14	445149	6111767	Humus	15					H		
92MOB0210	MOB920171	14	445239	6118541	Till	60	B/C	A	light grey	5Y 7/2	T		
92MOB0212	MOB920171	14	445239	6118541	Humus	10					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB0213	MOB920172	14	461601	6119604	Till	60	B/C	B	very pale brown	10YR 7/3	T		
92MOB0215	MOB920172	14	461601	6119604	Humus	10					H		
92MOB0216	MOB920173	14	464245	6112711	Till	70	B/C	A	pale brown	10YR 6/3	T	Stony	
92MOB0218	MOB920173	14	464245	6112711	Humus	10					H		
92MOB0219	MOB920174	14	464585	6107124	Till	35	B	B			T	Sandy	
92MOB0220	MOB920130	14	473097	6002335	Alluvial silt	30	B	A			A	Silty	
92MOB0221	MOB920174	14	464585	6107124	Humus	5					H		
92MOB0222	MOB920176	14	471618	6102102	Till	85	B/C	A	light grey	10YR 7/2	T	Sandy	
92MOB0224	MOB920176	14	471618	6102102	Humus	10					H		
92MOB0225	MOB920177	14	466963	6096323	Washed till	30	B	A			T		
92MOB0228	MOB920179	14	457229	6074244	Till	100	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0230	MOB920179	14	457229	6074244	Humus	10					H		
92MOB0231	MOB920180	14	473950	6057628	Till	75	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0233	MOB920180	14	473950	6057628	Humus	10					H		
92MOB0234	MOB920181	14	460605	6055996	Till	95	B/C	B	light grey	5Y 7/2	T	Sandy	
92MOB0236	MOB920181	14	460605	6055996	Humus	5					H		
92MOB0237	MOB920182	14	456780	6043730	Till	55	B/C	B	light grey	5Y 7/2	T	Silty	
92MOB0239	MOB920182	14	456780	6043730	Humus	15					H		
92MOB0240	MOB920183	14	444463	6046879	Till	50	B/C	B	white	10YR 8/2	T	Stony	
92MOB0242	MOB920183	14	444463	6046879	Humus	30					H		
92MOB0243	MOB920184	14	437296	6044050	Till	70	B/C	B	white	10YR 8/2	T	Silty	
92MOB0245	MOB920184	14	437296	6044050	Humus	15					H		
92MOB0246	MOB920185	14	447067	6037421	Till	50	B/C	B	white	10YR 8/2	T	Stony	2
92MOB0248	MOB920185	14	447067	6037421	Humus	20					H		0
92MOB0249	MOB920185	14	447067	6037421	Till	25	B/C	A	light grey	10YR 7/1	T	Clayey	1
92MOB0250	MOB920187	14	414384	6049111	Ice contact diamicton	110					D		
92MOB0251	MOB920188	14	414265	6048923	Till	40	B/C	A	very pale brown	10YR 7/3	T	Silty	
92MOB0252	MOB920189	14	413923	6048725	Diamicton	40	B/C	A			D	Clayey	
92MOB0253	MOB920190	14	412243	6047565	Till	40	B/C	A	light grey	10YR 7/2	T	Silty-sandy	
92MOB0254	MOB920190	14	412243	6047565	Humus	10					H		
92MOB0256	MOB920192	14	407528	6044548	Till	45	B/C	A	white	10YR 8/2	T	Silty	
92MOB0257	MOB920192	14	407528	6044548	Humus	8					H		
92MOB0259	MOB920193	14	407837	6043956	Diamicton	20	B	A			D	Clayey	
92MOB0260	MOB920194	14	408137	6042729	Till	35	B/C	A	light grey	10YR 7/1	T	Sandy	
92MOB0261	MOB920194	14	408137	6042729	Humus	5					H		
92MOB0263	MOB920195	14	409407	6043109	Till	30	B/C	A	light grey	10YR 7/1	T	Sandy	
92MOB0264	MOB920195	14	409407	6043109	Humus	6					H		
92MOB0266	MOB920196	14	406262	6042259	Till	35	B/C	A	light grey	10YR 7/1	T	Sandy	
92MOB0267	MOB920196	14	406262	6042259	Humus	10					H		
92MOB0269	MOB920198	14	437250	6068800	Till	70	B/C	B	light grey	2.5Y 7/2	T	Sandy	
92MOB0270	MOB920199	14	437600	6066450	Till	65	B/C	A	light grey	10YR 7/1	T	Silty-sandy	
92MOB0271	MOB920200	14	437325	6066050	Till	110	B/C	B	pale brown	10YR 7/3	T	Sandy	
92MOB0272	MOB920201	14	437650	6065850	Till	60	B/C	A	light grey	2.5Y 7/2	T	Sandy	
92MOB0273	MOB920202	14	437000	6065850	Washed till	35	B	A			T		
92MOB0274	MOB920203	14	436850	6066500	Till	95	B	B	light yellowish brown	2.5Y 6/4	T	Sandy	
92MOB0275	MOB920204	14	436550	6066000	Till	100	B	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0276	MOB920205	14	436650	6065625	Till	45	B	A	pale yellow	5Y 7/3	T	Sandy	
92MOB0277	MOB920206	14	436825	6065400	Till	100	B/C	A	white	10YR 8/1	T	Sandy	
92MOB0278	MOB920207	14	436725	6065450	Till	100	B/C	A	brown	10YR 5/3	T	Silty-sandy	
92MOB0279	MOB920208	14	436850	6065050	Till	100	B/C	A	white	10YR 7/1	T	Sandy	
92MOB0280	MOB920209	14	430576	6081439	Till	95	B/C	A			T	Sandy - washed	
92MOB0281	MOB920209	14	430576	6081439	Humus	10					H		
92MOB0282	MOB920210	14	430755	6081361	Till	50	B/C	B			T	Silty	
92MOB0283	MOB920210	14	430755	6081361	Humus	10					H		
92MOB0284	MOB920211	14	430913	6081824	Till	90	B/C	A			T	Sandy	
92MOB0285	MOB920211	14	430913	6081824	Humus	4					H		
92MOB0286	MOB920212	14	431078	6081813	Till	60	B/C	A			T	Sandy	
92MOB0287	MOB920212	14	431078	6081813	Humus	10					H		
92MOB0288	MOB920213	14	430632	6081929	Till	95	B/C	A			T	Sandy	
92MOB0289	MOB920213	14	430632	6081929	Humus	10					H		
92MOB0290	MOB920214	14	440050	6097100	Till	35	B/C	A	white	10YR 8/1	T	Silty	1

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB0292	MOB920214	14	440050	6097100	Humus	10					H		0
92MOB0293	MOB920214	14	440050	6097100	Till	70	B/C	B	very pale brown	10YR 7/3	T	Sandy	2
92MOB0294	MOB920215	14	437775	6104100	Till	60	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB0296	MOB920215	14	437775	6104100	Humus	10					H		
92MOB0297	MOB920216	14	439449	6109142	Till	80	B/C	A	white	10YR 8/2	T	Sandy	
92MOB0299	MOB920216	14	439449	6109142	Humus	5					H		
92MOB0300	MOB920217	14	456511	6119192	Till	70	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy-silt	
92MOB0302	MOB920217	14	456511	6119192	Humus	8					H		
92MOB0303	MOB920218	14	469484	6114570	Washed till	110	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0305	MOB920218	14	469484	6114570	Humus	15					H		
92MOB0306	MOB920219	14	467960	6099299	Oxydized till	50	B	A	light yellowish brown	2.5Y 6/4	T	Sandy	
92MOB0308	MOB920219	14	467960	6099299	Humus	7					H		
92MOB0309	MOB920220	14	458353	6095664	Till	60	B	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0311	MOB920220	14	458353	6095664	Humus	3					H		
92MOB0312	PAT920001	14	437200	6065600	Till	100	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
92MOB0313	PAT920002	14	436700	6065150	Diamicton	60	B/C	A			D		
92MOB0314	PAT920003	14	436400	6064450	Till	50	B/C	A	pale olive	5Y 6/4	T	Sandy	
92MOB0315	PAT920004	14	436800	6064250	Till	70	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0316	PAT920005	14	436775	6064700	Till	50	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy	
92MOB0317	PAT920006	14	436850	6064800	Till	50	B/C	A	light grey	5Y 7/1	T	Sandy	
92MOB0318	PAT920007	14	436800	6065225	Till	50	B/C	A	pale brown	10YR 6/3	T	Sandy	
92MOB0319	PAT920008	14	437225	6065200	Till	40	B/C	A	light grey	2.5Y 7/2	T	Sandy	
92MOB0320	PAT920009	14	436450	6065100	Till	30	B	A	light grey	5Y 7/2	T	Sandy	
92MOB0321	MOB920225	14	452900	6067950	Till	100	B/C	C	white	10YR 8/1	T	Silty	3
92MOB0322	MOB920225	14	452900	6067950	Humus	10					H		0
92MOB0324	MOB920225	14	452900	6067950	Till	40	B/C	A	light grey	10YR 7/1	T	Sandy	1
92MOB0325	MOB920225	14	452900	6067950	Till	60	B/C	B	light brownish grey	10YR 6/2	T	Sandy	2
92MOB0326	MOB920226	14	457650	6065725	Till	55	B/C	A	light grey	10YR 7/1	T	Sandy	
92MOB0327	MOB920226	14	457650	6065725	Humus	10					H		
92MOB0329	MOB920227	14	465650	6063550	Till	35	B/C	A	grey	10YR 6/1	T	Sandy	
92MOB0330	MOB920227	14	465650	6063550	Humus	10					H		
92MOB0332	MOB920228	14	466005	6069900	Till	50	B/C	A	light brownish grey	2.5Y 6/2	T	Silty	
92MOB0333	MOB920228	14	466005	6069900	Humus	15					H		
92MOB0335	MOB920229	14	461250	6075250	Till	25	B	A	light grey	2.5Y 7/2	T	Sandy	1
92MOB0336	MOB920229	14	461250	6075250	Diamicton	40	B/C	B			D	Clayey	2
92MOB0337	MOB920229	14	461250	6075250	Humus	10					H		0
92MOB0339	MOB920230	14	462075	6080250	Till	60	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB0340	MOB920230	14	462075	6080250	Humus	2					H		
92MOB0342	MOB920231	14	467970	6086450	Till	45	B	A	light olive brown	2.5Y 5/4	T	Sandy	
92MOB0343	MOB920231	14	467970	6086450	Humus	10					H		
92MOB0401	MOB920142	14	460300	6029250	Organics	330					O		1
92MOB0402	MOB920142	14	460300	6029250	Organics	350					O		2
92MOB0403	MOB920142	14	460300	6029250	Organics	360					O		3
92MOB1001	WAT920001	14	437763	6058408	Till	50	C	A			T	Sandy	
92MOB1002	WAT920001	14	437763	6058408	Humus	5					H		
92MOB1004	WAT920004	14	488133	5986132	Till	60	B/C	A			T	Silty	
92MOB1005	WAT920004	14	488133	5986132	Humus	5					H		
92MOB1011	WAT920011	14	493196	6056073	Till	60	C	C	light yellowish brown -	2.5Y 6/4	T	Sandy-silt	
92MOB1012	WAT920011	14	493196	6056073	Humus	10					H		
92MOB1013	WAT920015	14	452428	6046513	Till	70	C	A	white	5Y 8/2	T	Silty	
92MOB1014	WAT920015	14	452428	6046513	Humus	10					H		
92MOB1016	WAT920016	14	450336	6046454	Till	150	C	F	very pale brown	10YR 7/3	T	Sandy	
92MOB1017	WAT920016	14	450336	6046454	Humus	10					H		
92MOB1019	WAT920017	14	449871	6047711	Till	60	C	A	white	10YR 8/2	T	Silty	
92MOB1020	WAT920017	14	449871	6047711	Humus	10					H		
92MOB1022	WAT920018	14	449401	6050524	Till	70	C	B	white	2.5Y 8/2	T	Silty	
92MOB1024	WAT920018	14	449401	6050524	Humus	10					H		
92MOB1025	WAT920019	14	450463	6050864	Till	65	B/C	A	light grey	10YR 7/2	T	Silty	
92MOB1026	WAT920019	14	450463	6050864	Humus	15					H		
92MOB1028	WAT920020	14	447536	6052245	Till	70	B/C	A	light grey	10YR 7/2	T	Silty	
92MOB1029	WAT920020	14	447536	6052245	Humus	5					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB1031	WAT920032	14	443918	6055391	Till	70	B/C	A	light greyish brown	10YR 6/2	T		
92MOB1033	WAT920032	14	443918	6055391	Humus	5					H		
92MOB1034	WAT920034	14	441520	6056933	Till	80	B/C	A	light grey	5Y 7/2	T	Silty	
92MOB1036	WAT920034	14	441520	6056933	Humus	15					H		
92MOB1037	WAT920036	14	440586	6060315	Till	50	B	A	light brownish grey	2.5YR 6/2	T	Sandy	
92MOB1039	WAT920036	14	440586	6060315	Humus	10					H		
92MOB1040	WAT920044	14	433231	6052330	Till	70	B/C	A	light olive grey	5Y 6/2	T	Silty	2
92MOB1042	WAT920044	14	433231	6052330	Humus	10					H		0
92MOB1043	WAT920044	14	433231	6052330	Calc. precipitation layers	55	B/C	A			C		1
92MOB1045A	WAT920045	14	434168	6051494	Lower till	135	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy-silt	2
92MOB1045B	WAT920045	14	434168	6051494	Upper till	100	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy-silt	1
92MOB1047	WAT920045	14	434168	6051494	Humus	10					H		0
92MOB1048	WAT920045	14	434168	6051494	Calc. precipitation layers	100	B/C	B			C		
92MOB1049	WAT920047	14	432046	6053177	Till	160	C	C	light olive grey	5Y 6/2	T	Silty	
92MOB1050	WAT920047	14	432046	6053177	Humus	10					H		
92MOB1053	WAT920050	14	429743	6053092	Till	40	B	A			T	Silty	
92MOB1054	WAT920051	14	421757	6051069	Till	80	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB1055	WAT920051	14	421757	6051069	Humus	10					H		
92MOB1057	WAT920054	14	420578	6051908	Till	90	B/C	A	white	2.5Y 8/2	T	Silty	
92MOB1058	WAT920054	14	420578	6051908	Humus	15					H		
92MOB1060	WAT920056	14	420100	6051007	Till	80	B/C	A	light grey	5Y 7/2	T	Sandy	
92MOB1061	WAT920056	14	420100	6051007	Humus	25					H		
92MOB1063	WAT920057	14	418507	6052535	Till	60	B/C	A	very pale brown	10YR 7/4	T	Silty	
92MOB1064	WAT920057	14	418507	6052535	Humus	15					H		
92MOB1065	WAT920058	14	419947	6052417	Till	80	C	B	very pale brown	10YR 7/3	T	Silty	
92MOB1066	WAT920058	14	419947	6052417	Humus	12					H		
92MOB1068	WAT920059	14	419301	6051720	Till	80	C	A	pale yellow	5Y 7/3	T	Sandy	
92MOB1069	WAT920059	14	419301	6051720	Humus	15					H		
92MOB1071	WAT920060	14	412040	6047178	Till	30	C	A	light grey	10YR 7/2	T	Sandy	
92MOB1072	WAT920060	14	412040	6047178	Humus	10					H		
92MOB1074	WAT920061	14	411762	6047204	Till	40	B/C	A	white	10YR 8/2	T	Silty	
92MOB1075	WAT920061	14	411762	6047204	Humus	15					H		
92MOB1078	WAT920062	14	411245	6046891	Till	25	B/C	A	white	2.5Y 8/2	T	Silty	
92MOB1079	WAT920062	14	411245	6046891	Humus	15					H		
92MOB1080	WAT920063	14	410518	6046931	Lleached till	320	C	A	very pale brown	10YR 7/3	T	Sandy	1
92MOB1081	WAT920063	14	410518	6046931	Humus	10					H		0
92MOB1083	WAT920063	14	410518	6046931	Unleached till	350	C	B	very pale brown	10YR 7/3	T	Silty-sandy	2
92MOB1085	WAT920064	14	408294	6046973	Till	100	C	A	very pale brown	10YR 8/3	T	Silty	
92MOB1086	WAT920064	14	408294	6046973	Humus	10					H		
92MOB1087	WAT920065	14	408877	6047501	Till	60	B/C	A	pale yellow	5Y 7/3	T	Silty	
92MOB1088	WAT920065	14	408877	6047501	Humus	10					H		
92MOB1089	WAT920066	14	407808	6046795	Till	30	B/C	A	very pale brown	10YR 7/3	T	Silty	
92MOB1090	WAT920066	14	407808	6046795	Humus	10					H		
92MOB1094	WAT920070	14	406276	6047037	Diamicton	60	B/C	B			D	Clayey	
92MOB1095	WAT920070	14	406276	6047037	Diamicton	130	C	C			D	Sandy	
92MOB1096	WAT920068	14	407504	6047946	Till	85	B/C	A	light yellowish brown	2.5Y 6/4	T	Silty	
92MOB1097	WAT920068	14	407504	6047946	Humus	10					H		
92MOB1099	WAT920069	14	406935	6046806	Till	80	B/C	A			T	Silty	
92MOB1100	WAT920070	14	406276	6047037	Ice contact diamicton	40	B/C	A	very pale brown	10YR 8/3	D	Stony	
92MOB1101	WAT920070	14	406276	6047037	Humus	15					H		
92MOB1102	WAT920071	14	405667	6048360	Till	90	B/C	B	pale brown	10YR 6/3	T	Silty	
92MOB1104	WAT920071	14	405667	6048360	Humus	20					H		
92MOB1105	WAT920072	14	403895	6048603	Till	75	C	A	very pale brown	10YR 8/3	T	Silty	
92MOB1107	WAT920072	14	403895	6048603	Humus	15					H		
92MOB1108	WAT920074	14	484967	5994440	Till	55	B/C	B	white	5YR 8/1	T	Silty	
92MOB1109	WAT920074	14	484967	5994440	Humus	20					H		
92MOB1111	WAT920075	14	486237	5999358	Till	75	B/C	B	light grey	5Y 7/2	T	Clayey silty	
92MOB1112	WAT920075	14	486237	5999358	Humus	5					H		
92MOB1114	WAT920076	14	468667	6008703	Till	50	B/C	B	white	10YR 8/1	T	Silty	
92MOB1115	WAT920076	14	468667	6008703	Humus	10					H		
92MOB1120	WAT920077	14	461126	6000668	Till	100	C	B	white	10YR 8/2	T	Silty	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB1121	WAT920077	14	461126	6000668	Humus	15					H		
92MOB1123	WAT920086	14	443601	6063696	Till	80	B/C	A	olive grey	5Y 5/2	T	Sandy	
92MOB1124	WAT920086	14	443601	6063696	Humus	30					H		
92MOB1126	WAT920088	14	441511	6063631	Till	70	B/C	A	olive grey	5Y 5/2	T	Sandy	
92MOB1127	WAT920088	14	441511	6063631	Humus	10					H		
92MOB1129	WAT920078	14	402170	6048956	Till	80	B/C	B	brown -	10YR 5/3	T	Silty	
92MOB1130	WAT920078	14	402170	6048956	Humus	5					H		
92MOB1132	WAT920079	14	401189	6049566	Till	80	B/C	A	pale olive	5Y 6/3	T	Sandy	
92MOB1133	WAT920079	14	401189	6049566	Humus	10					H		
92MOB1135	WAT920081	14	400171	6046924	Till	75	B/C	A	white	5Y 8/2	T	Silty	
92MOB1136	WAT920081	14	400171	6046924	Humus	5					H		
92MOB1138	WAT920082	14	400563	6047832	Till	50	B/C	A	light grey	5Y 7/2	T	Silty	
92MOB1139	WAT920082	14	400563	6047832	Humus	10					H		
92MOB1141	WAT920084	14	399635	6049019	Till	65	B/C	A	light olive grey	5Y 6/2	T	Silty	
92MOB1142	WAT920084	14	399635	6049019	Humus	12					H		
92MOB1144	WAT920093	14	398112	6048987	Till	50	B/C	B	very pale brown	10YR 7/3	T	Silty	
92MOB1145	WAT920093	14	398112	6048987	Humus	5					H		
92MOB1147	WAT920094	14	397064	6048741	Till	60	B/C	A	light grey	5Y 7/2	T	Silty	
92MOB1148	WAT920094	14	397064	6048741	Humus	8					H		
92MOB1150	WAT920096	14	394992	6047980	Till	50	B/C	A	white?	5Y 8/2	T	Silty	
92MOB1151	WAT920096	14	394992	6047980	Humus	75					H		
92MOB1153	WAT920097	14	396619	6047562	Till	55	C	A	pale yellow	5Y 7/3	T	Silty	
92MOB1154	WAT920097	14	396619	6047562	Humus	1					H		
92MOB1156	WAT920098	14	393441	6048912	Till	40	C	A			T	Silty	
92MOB1157	WAT920098	14	393441	6048912	Humus	15					H		
92MOB1159	WAT920099	14	394420	6048878	Till	60	B/C	A	very pale brown	10YR 7/3	T	Silty	
92MOB1160	WAT920099	14	394420	6048878	Humus	5					H		
92MOB1162	WAT920100	14	438431	6121374	Till	70	C	B	light brownish grey	2.5Y 6/2	T		
92MOB1163	WAT920100	14	438431	6121374	Humus	5					H		
92MOB1165	WAT920101	14	454246	6113844	Till	65	B/C	A	white	10YR 8/2	T	Sandy	
92MOB1166	WAT920101	14	454246	6113844	Humus	10					H		
92MOB1168	WAT920102	14	452692	6107468	Till	70	B/C	A	very pale brown	10YR 7/3	T	Sandy	
92MOB1169	WAT920102	14	452692	6107468	Humus	5					H		
92MOB1171	WAT920104	14	475694	6109933	Till	50	AB	A	yellowish brown	10YR 5/6	T	Sandy	
92MOB1172	WAT920104	14	475694	6109933	Humus	8					H		
92MOB1177	WAT920107	14	472957	6086600	Till	60	B	A	light grey	10YR 7/2	T	Sandy	
92MOB1178	WAT920107	14	472957	6086600	Humus	4					H		
92MOB1183	WAT920109	14	466628	6075287	Till	85	B/C	B	light yellowish brown	2.5Y 6/4	T	Sandy	
92MOB1184	WAT920109	14	466628	6075287	Humus	5					H		
92MOB1185	WAT920110	14	452797	6055250	Till	60	B	B	light yellowish brown	10YR 6/4	T	Silty	
92MOB1186	WAT920110	14	452797	6055250	Humus	10					H		
92MOB1188	WAT920111	14	444487	6043305	Till	70	B/C	A	light grey	10YR 7/2	T	Silty	
92MOB1189	WAT920111	14	444487	6043305	Humus	10					H		
92MOB1191	WAT920112	14	437390	6038430	Till	90	B/C	A	light grey	10YR 7/2	T	Silty	
92MOB1192	WAT920112	14	437390	6038430	Humus	1					H		
92MOB1194	WAT920091	14	439712	6063811	Till	60	B	A	light grey	10YR 7/1	T	Sandy	
92MOB1195	WAT920091	14	439712	6063811	Humus	5					H		
92MOB1197	WAT920113	14	392630	6049740	Till	80	B/C	A	white	10YR 8/2	T	Silty	
92MOB1198	WAT920113	14	392630	6049740	Humus	3					H		
92MOB1200	WAT920116	14	390360	6051099	Till	55	B/C	B	light grey	10YR 7/2	T	Silty	
92MOB1201	WAT920116	14	390360	6051099	Humus	5					H		
92MOB1203A	WAT920117	14	389335	6051273	Upper till	15	B/C	A			T	Silty	1
92MOB1203C	WAT920117	14	389335	6051273	Lower till	45	C	C			T	Silty	2
92MOB1204	WAT920117	14	389335	6051273	Humus	5					H		0
92MOB1217	WAT920126	14	430706	6081497	Till	50	B/C	A			T	Sandy	
92MOB1218	WAT920126	14	430706	6081497	Humus	12					H		
92MOB1219	WAT920127	14	430706	6081698	Till	50	B	A			T	Sandy	
92MOB1220	WAT920127	14	430706	6081698	Humus	5					H		
92MOB1221	WAT920128	14	430821	6081877	Till	80	B/C	A			T	Sandy	
92MOB1222	WAT920128	14	430821	6081877	Humus	5					H		
92MOB1223	WAT920129	14	430905	6082109	Till	85	B/C	B			T	Sandy	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
92MOB1224	WAT920129	14	430905	6082109	Humus	8					H		
92MOB1225	WAT920132	14	431163	6082613	Till	70	B/C	B			T	Sandy	
92MOB1226	WAT920132	14	431163	6082613	Humus	5					H		
92MOB1227	WAT920131	14	431124	6082449	Till	60	B/C	A			T	Sandy	
92MOB1228	WAT920131	14	431124	6082449	Humus	8					H		
92MOB1232	WAT920133	14	430957	6080932	Till	80	B/C	A			T	Sandy	
92MOB1233	WAT920133	14	430957	6080932	Humus	10					H		
92MOB1234	WAT920135	14	430928	6081184	Till	85	B/C	A			T	Sandy	
92MOB1235	WAT920135	14	430928	6081184	Humus	10					H		
92MOB1236	MOB920222	14	430766	6082505	Till	45	B/C	A			T	Sandy	
92MOB1237	MOB920222	14	430766	6082505	Humus	10					H		
92MOB1238	MOB920224	14	430494	6081271	Till	60	B/C	A			T	Sandy	
92MOB1239	MOB920224	14	430494	6081271	Humus	5					H		
92MOB1240	MOB920223	14	430456	6081195	Weathered boulder	20	B				R		
92MOB1241	WAT920137	14	449083	6055772	Colluvium	80	B/C	A	light grey	10YR 7/2	COL	Silty	
92MOB1242	WAT920137	14	449083	6055772	Humus	10					H		
92MOB1244	WAT920138	14	449069	6055501	Diamicton	100	B/C	B			D	Clayey	
92MOB1245	WAT920139	14	448917	6055007	Till	60		B	light yellowish brown	2.5Y 6/4	T	Sandy	
92MOB1246	WAT920134	14	430993	6081317	Subaqueous diamicton	35	B	A			D	Silty	
92MOB1250	WAT920130	14	431012	6082239	Till	60	B/C	A			T	Sandy	
92MOB1251	WAT920130	14	431012	6082239	Humus	5					H		
93HJB2000	SPH930001	13	669702	6090111	Humus						H		
93HJB2002	SPH930002	13	669525	6090100	Humus						H		
93HJB2004	SPH930003	13	669452	6091455	Humus						H		
93HJB2006	SPH930004	13	668175	6092200	Humus						H		
93HJB2009	SPH930005	13	667500	6089750	Humus						H		
93HJB2011	SPH930006	13	669260	6096480	Humus						H		
93HJB2013	SPH930007	13	668000	6097415	Humus						H		
93HJB2015	SPH930008	13	668475	6095160	Humus						H		
93HJB2017	SPH930009	13	664400	6093345	Humus						H		
93HJB2019	SPH930010	13	664900	6095115	Humus						H		
93HJB2021	SPH930011	13	665085	6094780	Humus						H		
93HJB2023	SPH930012	13	666950	6096415	Humus						H		
93HJB2025	SPH930013	13	670250	6090655	Humus						H		
93HJB2027	SPH930014	13	661700	6047345	Humus						H		
93HJB2029	SPH930015	13	667760	6095600	Humus						H		
93HJB2031	SPH930016	13	668600	6094050	Humus						H		
93HJB2033	SPH930017	13	687375	6098250	Humus						H		
93HJB2035	SPH930018	13	686660	6096550	Humus						H		
93HJB2037	SPH930019	13	687625	6094470	Humus						H		
93HJB2039	SPH930020	13	687950	6093275	Humus						H		
93HJB2041	SPH930021	13	685250	6093410	Humus						H		
93HJB2043	SPH930022	13	686100	6092660	Humus						H		
93HJB2045	SPH930023	13	684425	6092725	Humus						H		
93HJB2047	SPH930024	13	685775	6091650	Humus						H		
93HJB2049	SPH930025	13	686200	6095400	Humus						H		
93HJB2051	SPH930026	14	309375	6093440	Humus						H		
93HJB2053	SPH930027	13	688900	6098400	Humus						H		
93HJB2055	SPH930029	13	689775	6095450	Humus						H		
93HJB2057	SPH930030	13	690880	6094260	Humus						H		
93HJB2059	SPH930031	14	309600	6098340	Humus						H		
93HJB2061	SPH930033	14	309225	6096875	Humus						H		
93HJB2063	SPH930034	14	310360	6088200	Humus						H		
93HJB2065	SPH930035	14	310860	6089700	Humus						H		
93HJB2067	SPH930037	14	312600	6088450	Humus						H		
93HJB2069	SPH930039	14	313675	6089225	Humus						H		
93HJB2071	SPH930040	14	315050	6088850	Humus						H		
93HJB2073	SPH930041	14	316500	6070100	Humus						H		
93HJB2075	SPH930042	14	314900	6069350	Humus						H		
93HJB2077	SPH930043	13	688890	6059300	Humus						H		
93HJB2079	SPH930045	13	674300	6086750	Humus						H		

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Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93HJB2081	SPH930046	13	665500	6087300	Humus						H		
93HJB2083	SPH930047	13	663325	6090375	Humus						H		
93HJB2086	SPH930048	13	668850	6085900	Humus						H		
93HJB2089	SPH930049	14	311425	6093325	Humus						H		
93HJB2091	SPH930050	14	313820	6093250	Humus						H		
93HJB2093	SPH930051	14	310100	6084050	Humus						H		
93HJB2096	SPH930052	13	684750	6080600	Humus						H		
93HJB2098	SPH930053	13	674850	6075450	Humus						H		
93HJB2100	SPH930054	13	673500	6076380	Humus						H		
93HJB2102	SPH930055	14	310940	6080850	Humus						H		
93HJB2104	SPH930056	14	311325	6080525	Humus						H		
93HJB2106	SPH930057	13	680450	6060380	Humus						H		
93HJB2108	SPH930058	13	667200	6066275	Humus						H		
93HJB2110	SPH930059	13	670550	6061900	Humus						H		
93HJB2112	SPH930060	13	667660	6057175	Humus						H		
93HJB2114	SPH930061	13	665275	6047800	Humus						H		
93HJB2116	SPH930063	14	312300	6061500	Humus						H		
93HJB2118	SPH930064	14	307535	6059175	Humus						H		
93HJB2120	SPH930065	14	309265	6061850	Humus						H		
93HJB2123	SPH930067	14	312850	6065700	Humus						H		
93HJB2125	SPH930069	14	312850	6081520	Humus						H		
93HJB2127	SPH930070	13	685180	6082815	Humus						H		
93HJB2129	SPH930072	14	313140	6083400	Humus						H		
93HJB2131	SPH930073	13	689475	6062050	Humus						H		
93HJB3000	JEC933001	13	662155	6051728	Humus						H		
93HJB3002	JEC933002	13	663615	6052762	Humus						H		
93HJB3004	JEC933003	13	665302	6050308	Humus						H		
93HJB3006	JEC933004	13	670880	6042658	Humus						H		
93HJB3008	JEC933005	13	669975	6042325	Humus						H		
93HJB3010	JEC933007	13	671680	6050780	Humus						H		
93HJB3012	JEC933009	13	671000	6047850	Humus						H		
93HJB3014	JEC933010	13	670560	6049075	Humus						H		
93HJB3016	JEC933011	13	674220	6050610	Humus						H		
93HJB3018	JEC933012	13	672065	6052730	Humus						H		
93HJB3020	JEC933013	13	666870	6044510	Humus						H		
93HJB3022	JEC933014	13	669485	6047550	Humus						H		
93HJB3024	JEC933016	13	672375	6047630	Humus						H		
93HJB3026	JEC933017	13	675745	6066770	Humus						H		
93HJB3028	JEC933018	13	687925	6059825	Humus						H		
93HJB3032	JEC933020	13	681660	6062957	Humus						H		
93HJB3034	JEC933021	13	669997	6066623	Humus						H		
93HJB3036	JEC933022	13	662620	6067920	Humus						H		
93HJB3038	JEC933023	13	664771	6065074	Humus						H		
93HJB3040	JEC933024	13	667068	6065209	Humus						H		
93HJB3042	JEC933025	13	663929	6044071	Humus						H		
93HJB3044	JEC933026	13	679930	6064545	Humus						H		
93HJB3046	JEC933027	13	673300	6068505	Humus						H		
93HJB3048	JEC933028	13	663753	6059788	Humus						H		
93HJB3050	JEC933029	13	667901	6051776	Humus						H		
93HJB3052	JEC933030	13	667652	6046404	Humus						H		
93HJB3054	JEC933032	14	310890	6051625	Humus						H		
93HJB3056	JEC933033	14	311820	6051785	Humus						H		
93HJB3058	JEC933034	14	314530	6052595	Humus						H		
93HJB3060	JEC933035	14	315615	6053575	Humus						H		
93HJB3063	JEC933038	13	688600	6056590	Humus						H		
93HJB3065	JEC933037	13	688760	6059875	Humus						H		
93HJB4000	SCZ930001	13	669625	6087900	Humus						H		
93HJB4002	SCZ930002	13	670850	6089275	Humus						H		
93HJB4004	SCZ930003	13	671000	6090775	Humus						H		
93HJB4006	SCZ930004	13	671475	6095950	Humus						H		
93HJB4008	SCZ930005	13	672975	6097400	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93HJB4010	SCZ930006	13	673925	6097750	Humus						H		
93HJB4012	SCZ930007	13	671000	6091775	Humus						H		
93HJB4014	SCZ930008	13	669725	6093550	Humus						H		
93HJB4016	SCZ930009	13	668625	6092775	Humus						H		
93HJB4018	SCZ930010	13	668250	6091000	Humus						H		
93HJB4020	SCZ930012	13	670825	6093550	Humus						H		
93HJB4022	SCZ930015	13	683125	6095400	Humus						H		
93HJB4024	SCZ930017	13	682750	6094400	Humus						H		
93HJB4026	SCZ930018	13	682525	6093175	Humus						H		
93HJB4028	SCZ930019	13	681750	6092050	Humus						H		
93HJB4030	SCZ930020	13	684975	6095375	Humus						H		
93HJB4032	SCZ930021	13	684050	6096650	Humus						H		
93HJB4034	SCZ930022	13	683125	6094000	Humus						H		
93HJB4036	SCZ930024	13	683125	6094000	Humus						H		
93HJB4038	SCZ930025	13	682875	6092100	Humus						H		
93HJB4040	SCZ930026	13	692150	6089600	Humus						H		
93HJB4042	SCZ930027	13	691750	6090650	Humus						H		
93HJB4044	SCZ930028	13	691650	6090625	Humus						H		
93HJB4046	SCZ930029	14	309225	6094900	Humus						H		
93HJB4048	SCZ930030	14	308200	6095700	Humus						H		
93HJB4050	SCZ930031	13	691450	6094075	Humus						H		
93HJB4052	SCZ930032	14	308275	6093300	Humus						H		
93HJB4054	SCZ930033	14	311800	6087350	Humus						H		
93HJB4056	SCZ930034	14	312075	6086075	Humus						H		
93HJB4058	SCZ930035	14	313400	6086050	Humus						H		
93HJB4060	SCZ930036	14	312225	6087350	Humus						H		
93HJB4062	SCZ930037	14	314800	6086600	Humus						H		
93HJB4064	SCZ930038	13	692450	6065725	Humus						H		
93HJB4066	SCZ930039	14	308850	6068325	Humus						H		
93HJB4068	SCZ930040	13	692900	6058925	Humus						H		
93HJB4070	SCZ930041	13	691850	6059950	Humus						H		
93HJB4072	SCZ930044	14	312100	6068500	Humus						H		
93HJB4074	ROY930002	14	314950	6064100	Humus						H		
93HJB4076	ROY930003	14	315700	6066975	Humus						H		
93HJB4078	SCZ930045	14	311400	6097410	Humus						H		
93HJB4080	SCZ930046	14	309550	6091700	Humus						H		
93HJB4082	SCZ930047	13	688000	6076350	Humus						H		
93HJB4084	SCZ930048	13	681325	6076700	Humus						H		
93HJB4086	SCZ930049	13	677775	6077000	Humus						H		
93HJB4088	SCZ930050	13	668525	6077510	Humus						H		
93HJB4090	SCZ930051	13	687723	6052595	Humus						H		
93HJB4093	SCZ930052	13	686022	6050386	Humus						H		
93HJB4095	SCZ930053	13	686703	6052604	Humus						H		
93HJB4099	SCZ930054	13	687634	6048225	Humus						H		
93HJB4101	SCZ930059	13	692600	6071350	Humus						H		
93HJB4103	SCZ930060	13	694075	6070700	Humus						H		
93HJB4105	SCZ930061	13	676625	6080850	Humus						H		
93HJB4107	SCZ930062	13	684350	6088650	Humus						H		
93HJB4109	SCZ930063	13	684875	6086800	Humus						H		
93HJB4111	SCZ930064	14	310400	6077725	Humus						H		
93HJB4113	SCZ930065	13	666167	6071924	Humus						H		
93HJB4115	SCZ930066	13	668473	6071873	Humus						H		
93HJB4117	SCZ930067	13	665165	6073803	Humus						H		
93HJB4119	SCZ930068	13	662532	6072998	Humus						H		
93HJB4121	SCZ930069	13	672872	6078513	Humus						H		
93HJB4123	SCZ930070	13	680746	6095448	Humus						H		
93HJB4125	SCZ930071	13	678031	6097936	Humus						H		
93HJB4127	SCZ930072	13	678292	6096341	Humus						H		
93HJB4129	SCZ930073	13	675580	6097550	Humus						H		
93HJB4130	SCZ930074	13	675783	6097475	Humus						H		
93HJB4132	SCZ930075	13	673925	6092250	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93HJB4134	SCZ930076	13	689200	6066900	Humus						H		
93HJB2001	SPH930001	13	669702	6090111	silty sand diamicton	70	B		dk greyish brwn	2.5Y 4/2	D		
93HJB2003	SPH930002	13	669525	6090100	diamicton	70	B/C		olive brwn	2.5Y 4/4	T		
93HJB2005	SPH930003	13	669452	6091455	diamicton	63	B/C		dk greyish brwn	2.5Y 5/2	T		
93HJB2007	SPH930004	13	668175	6092200	silty diamicton	20	B		dk greyish brwn	2.5Y 5/2	D		1
93HJB2008	SPH930004	13	668175	6092200	silty diamicton	50	B		dk greyish brwn	2.5Y 4/2	T		2
93HJB2010	SPH930005	13	667500	6089750	diamicton	60	B		dk greyish brwn	2.5Y 4/2	T		
93HJB2012	SPH930006	13	669260	6096480	diamicton	70	B		dk greyish brwn	2.5Y 4/2	T		
93HJB2014	SPH930007	13	668000	6097415	diamicton	60	B		olive brwn	2.5Y 4/4	T		
93HJB2016	SPH930008	13	668475	6095160	diamicton	50	B		dk greyish brwn	2.5Y 4/2	T		
93HJB2018	SPH930009	13	664400	6093345	diamicton	70	B		olive	5Y 4/3	T		
93HJB2020	SPH930010	13	664900	6095115	diamicton	70	B		olive	5Y 4/3	D		
93HJB2022	SPH930011	13	665085	6094780	diamicton	80	B		olive brwn	2.5Y 4/4	D		
93HJB2024	SPH930012	13	666950	6096415	diamicton	65	B		olive brwn	2.5Y 4/4	T		
93HJB2026	SPH930013	13	670250	6090655	diamicton	50	B		olive brwn	2.5Y 4/4	T		
93HJB2028	SPH930014	13	661700	6047345	diamicton	75	C		dk brwn	10YR 3/3	T		
93HJB2030	SPH930015	13	667760	6095600	diamicton	100	B/C		dk greyish brwn	2.5Y 4/2	T		
93HJB2032	SPH930016	13	668600	6094050	silty diamicton	70	B/C		dk greyish brwn	2.5Y 4/2	D		
93HJB2034	SPH930017	13	687375	6098250	diamicton	75	B		olive brwn	2.5Y 4/4	D		
93HJB2036	SPH930018	13	686660	6096550	diamicton	70	B		lt olive brwn	2.5Y 5/6	T		
93HJB2038	SPH930019	13	687625	6094470	silty diamicton	65	B		lt olive brwn	2.5Y 5/6	D		
93HJB2040	SPH930020	13	687950	6093275	diamicton	60	B		dk yell-brwn	10yr 3/4	D		
93HJB2042	SPH930021	13	685250	6093410	diamicton	90	B		olive brwn	2.5Y 4/4	T		
93HJB2044	SPH930022	13	686100	6092660	diamicton	65	B		lt olive brwn	2.5Y 5/6	D		
93HJB2046	SPH930023	13	684425	6092725	diamicton	70	B		olive brwn	2.5Y 4/4	T		
93HJB2048	SPH930024	13	685775	6091650	diamicton	55	B		olive brwn	2.5Y 4/4	T		
93HJB2050	SPH930025	13	686200	6095400	diamicton	75	B/C		olive brwn	2.5Y 4/4	T		
93HJB2052	SPH930026	14	309375	6093440	f. diamicton	50	B		olive brwn	2.5Y 4/4	T		
93HJB2054	SPH930027	13	688900	6098400	diamicton	70	B		lt olive brwn	2.5Y 5/4	D		
93HJB2056	SPH930029	13	689775	6095450	diamicton	73	B		lt olive brwn	2.5Y 5/4	T		
93HJB2058	SPH930030	13	690880	6094260	diamicton	75	B		olive brwn	2.5Y 4/4	T		
93HJB2060	SPH930031	14	309600	6098340	diamicton	60	B		dk greyish brwn	2.5Y 4/2	T		
93HJB2062	SPH930033	14	309225	6096875	c. diamicton	60	B		olive brwn	2.5Y 4/4	D		
93HJB2064	SPH930034	14	310360	6088200	f. diamicton	55	B		lt olive brwn	2.5Y 5/6	D		
93HJB2066	SPH930035	14	310860	6089700	f. diamicton	60	B		yellowish brwn	10YR 5/6	D		
93HJB2068	SPH930037	14	312600	6088450	m. diamicton	65	B		lt olive brwn	2.5Y 5/4	D		
93HJB2070	SPH930039	14	313675	6089225	m. diamicton	50	B		olive brwn	2.5Y 4/4	D		
93HJB2072	SPH930040	14	315050	6088850	m. diamicton	55	B		olive	5Y 5/4	D		
93HJB2074	SPH930041	14	316500	6070100	fine diamicton	65	B		greyish brwn	2.5Y 5/2	T		
93HJB2076	SPH930042	14	314900	6069350	diamicton	75	B		olive brwn	2.5Y 4/4	D		
93HJB2078	SPH930043	13	688890	6059300	diamicton	65	B/C		olive brwn	2.5Y 4/4	T		2
93HJB2078A	SPH930043	13	688890	6059300	diamicton	35	B		olive brwn	2.5Y 4/4	T		1
93HJB2080	SPH930045	13	674300	6086750	m. diamicton	55	B		olive	5Y 5/3	D		
93HJB2082	SPH930046	13	665500	6087300	poorly sorted m. sand	60	B		olive brwn	2.5Y 4/4	GF		
93HJB2084	SPH930047	13	663325	6090375	m. diamicton	20	B		olive brwn	2.5Y 4/4	D		1
93HJB2085	SPH930047	13	663325	6090375	f. sand	60	B		olive	5Y 5/3	GL		2
93HJB2087	SPH930048	13	668850	6085900	f. diamicton	50	B		lt olive brwn	2.5Y 5/4	D		1
93HJB2088	SPH930048	13	668850	6085900	f. grd. sand	85	B		N/A	N/A	GF		2
93HJB2090	SPH930049	14	311425	6093325	m. c. sand	47	B		dk yellowish brwn	10YR 4/4	GF		
93HJB2092	SPH930050	14	313820	6093250	f.-m. sand	90	B		olive brwn	2.5Y 4/4	GL		
93HJB2094	SPH930051	14	310100	6084050	m. c. sand	75	B		lt olive brwn	2.5Y 5/4	GF		
93HJB2097	SPH930052	13	684750	6080600	m. sand diamicton	74	B		lt olive brwn	2.5Y 5/4	D		
93HJB2099	SPH930053	13	674850	6075450	silty sand diamicton	35	C		olive	5Y 5/3	T		
93HJB2101	SPH930054	13	673500	6076380	m. sand diamicton	50	B		olive brwn	2.5Y 4/4	D		
93HJB2103	SPH930055	14	310940	6080850	silty sand diamicton	80	B/C		olive	5Y 4/4	T		
93HJB2105	SPH930056	14	311325	6080525	fine med sand	50	B		olive brwn	2.5Y 4/4	FT		
93HJB2107	SPH930057	13	680450	6060380	diamicton	70	B		olive brwn	2.5Y 4/4	D		
93HJB2109	SPH930058	13	667200	6066275	silty sand diamicton	55	B		olive	5Y 4/4	D		
93HJB2111	SPH930059	13	670550	6061900	diamicton	55	B		olive	5Y 4/4	D		
93HJB2113	SPH930060	13	667660	6057175	silty sand diamicton	90	B		olive	5Y 4/3	T		
93HJB2115	SPH930061	13	665275	6047800	silt	6	B		olive brwn	2.5Y 4/4	GL		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93HJB2117	SPH930063	14	312300	6061500	silty sand diamicton	75	B		olive brwn	2.5Y 4/4	D		
93HJB2119	SPH930064	14	307535	6059175	very diamicton	60	B		olive brwn	2.5Y 4/4	D		
93HJB2121	SPH930065	14	309265	6061850	silty clay silt	55	C		olive	5Y 4/3	T		
93HJB2122	SPH930066	13	691500	6063600	varved clay	60	C		N/A	N/A	GL		
93HJB2124	SPH930067	14	312850	6065700	f. m. sand diamicton	50	B/C		olive	5Y 5/3	GL		
93HJB2126	SPH930069	14	312850	6081520	f. sand diamicton	80	C		olive	5Y 5/3	FT		
93HJB2128	SPH930070	13	685180	6082815	m. grained		C		olive brwn	2.5Y 4/4	D		
93HJB2130	SPH930072	14	313140	6083400	diamicton	140	B		olive brwn	2.5Y 4/4	D		
93HJB2132	SPH930073	13	689475	6062050	diamicton	50	B/C		olive brwn	2.5Y 4/4	FT		
93HJB3001	JEC933001	13	662155	6051728	diamicton	70	B/C		olive	5Y 4/4	T		
93HJB3003	JEC933002	13	663615	6052762	diamicton	90	C		olive brwn	2.5Y 4/4	T		
93HJB3005	JEC933003	13	665302	6050308	silty sand diamicton	35	B		dk greyish brwn	2.5Y 4/2	D		
93HJB3007	JEC933004	13	670880	6042658	diamicton	60	B/C		olive brwn	2.5Y 4/4	T		
93HJB3009	JEC933005	13	669975	6042325	diamicton	90	C		dk greyish brwn	2.5Y 4/2	T		
93HJB3011	JEC933007	13	671680	6050780	silty sand diamicton	75	B/C		dk greyish brwn	2.5Y 4/2	T		
93HJB3013	JEC933009	13	671000	6047850	silty sand diamicton	80	C		olive grey	5Y 4/3	T		
93HJB3015	JEC933010	13	670560	6049075	silty sand diamicton	50	C		olive	5Y 4/3	T		
93HJB3017	JEC933011	13	674220	6050610	silty sand diamicton	75	C		olive brwn	2.5Y 4/4	T		
93HJB3019	JEC933012	13	672065	6052730	silty diamicton	30	B/C		olive brwn	2.5Y 4/4	D		
93HJB3021	JEC933013	13	666870	6044510	silty diamicton	80	C		lt olive grey	5Y 6/2	T		
93HJB3023	JEC933014	13	669485	6047550	silty sand diamicton	110	C		olive	5Y 4/4	D		
93HJB3025	JEC933016	13	672375	6047630	silty sand diamicton	85	C		olive brwn	2.5Y 4/4	T		
93HJB3027	JEC933017	13	675745	6066770	silty diamicton	70	B		olive brwn	2.5Y 4/4	D		
93HJB3029	JEC933018	13	687925	6059825	silty diamicton	90	B		olive	5Y 4/3	FT		1
93HJB3030	JEC933018	13	687925	6059825	silty sand diamicton	140	B/C		olive	5Y 4/3	FT		2
93HJB3031	JEC933018	13	687925	6059825	silty sand diamicton	160	C		olive grey	5Y 4/2	T		3
93HJB3033	JEC933020	13	681660	6062957	silty sand diamicton	80	C		olive brwn	2.5Y 4/4	T		
93HJB3035	JEC933021	13	669997	6066623	diamicton	90	C		dk olive brwn	2.5Y 4/2	T		
93HJB3037	JEC933022	13	662620	6067920	diamicton	85	B/C		olive	5Y 4/3	T		
93HJB3039	JEC933023	13	664771	6065074	diamicton	50	B		olive brwn	2.5Y 4/4	D		
93HJB3041	JEC933024	13	667068	6065209	silty sand diamicton	70	C		dk greyish brwn	2.5Y 4/2	T		
93HJB3043	JEC933025	13	663929	6044071	silty sand diamicton	90	C		olive	5Y 5/3	T		
93HJB3045	JEC933026	13	679930	6064545	diamicton	70	B/C		olive brwn	2.5Y 4/4	T		
93HJB3047	JEC933027	13	673300	6068505	silty sand diamicton	95	B/C		olive brwn	2.5Y 4/4	D		
93HJB3049	JEC933028	13	663753	6059788	silty sand diamicton	95	C		olive	5Y 4/3	T		
93HJB3051	JEC933029	13	667901	6051776	silty sand diamicton	30	B		dk yellowish brwn	10YR 4/4	D		
93HJB3053	JEC933030	13	667652	6046404	silty sand diamicton	65	C		olive grey	5Y 5/2	T		
93HJB3055	JEC933032	14	310890	6051625	silty diamicton	85	B		lt olive brwn	2.5Y 5/4	T		
93HJB3057	JEC933033	14	311820	6051785	silty diamicton	80	C		olive brwn	2.5Y 4/4	T		
93HJB3059	JEC933034	14	314530	6052595	silty diamicton	90	B/C		olive brwn	2.5Y 4/4	T		
93HJB3061	JEC933035	14	315615	6053575	silty sand diamicton	45	B		olive brwn	2.5Y 4/4	T		1
93HJB3062	JEC933035	14	315615	6053575	diamicton-silt	90	B		dk yellowish brwn	10YR 4/4	T		2
93HJB3064	JEC933037	13	688760	6059875	silty clay	95	B		N/A	N/A	GL		
93HJB3066	JEC933038	13	688600	6056590	silty sand diamicton	70	C		olive	5Y 4/3	FT		
93HJB4001	SCZ930001	13	669625	6087900	silty diamicton	65	B/C		olive grey	5Y 4/2	T		
93HJB4003	SCZ930002	13	670850	6089275	diamicton	65	B/C		olive brwn	2.5Y 4/4	D		
93HJB4005	SCZ930003	13	671000	6090775	diamicton	30	B/C		olive brwn	2.5Y 4/4	D		
93HJB4007	SCZ930004	13	671475	6095950	clay diamicton	60	B/C		olive grey	5Y 4/2	D		
93HJB4009	SCZ930005	13	672975	6097400	diamicton	45	B		olive brwn	2.5Y 4/4	FT		
93HJB4011	SCZ930006	13	673925	6097750	diamicton	25	B		dk yellowish brwn	10Y R 3/4	D		
93HJB4013	SCZ930007	13	671000	6091775	diamicton	25	B		olive brwn	2.5Y 4/4	D		
93HJB4015	SCZ930008	13	669725	6093550	silty clay diamicton	30	B		greyish brwn	2.5Y 5/2	T		
93HJB4017	SCZ930009	13	668625	6092775	diamicton	35	B		olive	5Y 4/3	T		
93HJB4019	SCZ930010	13	668250	6091000	diamicton	75	B		dk greyish brwn	2.5Y 4/2	D		
93HJB4021	SCZ930012	13	670825	6093550	diamicton	45	B		olive	5Y 4/3	T		
93HJB4023	SCZ930015	13	683125	6095400	silty diamicton	50	B		olive brwn	2.5Y 4/4	T		
93HJB4025	SCZ930017	13	682750	6094400	diamicton	45	B		olive brwn	2.5Y 4/4	T		
93HJB4027	SCZ930018	13	682525	6093175	silty diamicton	55	B		olive brwn	2.5Y 4/4	T		
93HJB4029	SCZ930019	13	681750	6092050	diamicton	65	B		olive brwn	2.5Y 4/4	D		
93HJB4031	SCZ930020	13	684975	6095375	diamicton	50	B/C		olive	5Y 4/3	D		
93HJB4033	SCZ930021	13	684050	6096650	silty sand diamicton	45	B/C		olive brwn	2.5Y 4/4	T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93HJB4035	SCZ930022	13	683125	6094000	silty diamicton	40	B		olive brwn	2.5Y 4/4	T		
93HJB4037	SCZ930024	13	683125	6094000	diamicton	55	B		olive brwn	2.5Y 4/4	T		
93HJB4039	SCZ930025	13	682875	6092100	diamicton	20	B		olive	5Y 5/4	D		
93HJB4041	SCZ930026	13	692150	6089600	silty sand diamicton	55	B		olive brwn	2.5Y 4/4	T		
93HJB4043	SCZ930027	13	691750	6090650	silty diamicton	25	B		olive	5Y 5/3	D		
93HJB4045	SCZ930028	13	691650	6090625	diamicton	45	B		olive brwn	2.5Y 4/4	D		
93HJB4047	SCZ930029	14	309225	6094900	silty sand diamicton	30	B		greyish brwn	2.5Y 5/2	T		
93HJB4049	SCZ930030	14	308200	6095700	diamicton	30	B		olive brwn	2.5Y 4/4	T		
93HJB4051	SCZ930031	13	691450	6094075	silt diamicton	30	B		olive	5Y 5/3	D		
93HJB4053	SCZ930032	14	308275	6093300	silty diamicton	25	B		greyish brwn	2.5Y 5/2	T		
93HJB4055	SCZ930033	14	311800	6087350	f. diamicton	55	B		greyish brwn	2.5Y 5/2	T		
93HJB4057	SCZ930034	14	312075	6086075	diamicton	30	B		olive	5Y 5/3	D		
93HJB4059	SCZ930035	14	313400	6086050	diamicton	30	B		dk greyish brwn	2.5Y 4/2	D		
93HJB4061	SCZ930036	14	312225	6087350	diamicton	60	B/C		olive brwn	2.5Y 4/4	T		
93HJB4063	SCZ930037	14	314800	6086600	diamicton	65	B/C		lt olive brwn	2.5Y 5/4	T		
93HJB4065	SCZ930038	13	692450	6065725	silty sand diamicton	40	B		olive	5Y 5/3	D		
93HJB4067	SCZ930039	14	308850	6068325	diamicton	55	B		lt olive brwn	2.5Y 5/4	D		
93HJB4069	SCZ930040	13	692900	6058925	diamicton	75	B		olive	5Y 5/3	T		
93HJB4071	SCZ930041	13	691850	6059950	diamicton	40	B		olive	5Y 5/3	D		
93HJB4073	SCZ930044	14	312100	6068500	diamicton	70	B		lt olive brwn	2.5Y 5/4	D		
93HJB4075	ROY930002	14	314950	6064100	silty sand diamicton	85	B		olive	5Y 4/3	T		
93HJB4077	ROY930003	14	315700	6066975	diamicton	40	B		dk yellowish brwn	10YR 4/4	D		
93HJB4079	SCZ930045	14	311400	6097410	diamicton	105	C		lt olive brwn	2.5Y 5/4	D		
93HJB4081	SCZ930046	14	309550	6091700	diamicton	85	B		yellowish brwn	10Y R 5/6	D		
93HJB4083	SCZ930047	13	688000	6076350	diamicton	100	B/C		olive	5Y 5/4	D		
93HJB4085	SCZ930048	13	681325	6076700	diamicton	50	B		dk brwn	10Y R 4/3	D		
93HJB4087	SCZ930049	13	677775	6077000	silty sand diamicton	70	B		lt olive brwn	2.5Y 5/6	T		
93HJB4089	SCZ930050	13	668525	6077510	silty sand diamicton	75	B/C		lt olive brwn	2.5Y 5/4	T		
93HJB4091	SCZ930051	13	687723	6052595	silty sand diamicton	45	B/C		olive	5Y 5/4	T		1
93HJB4092	SCZ930051	13	687723	6052595	silty diamicton	90	C		dk greyish brwn	2.5Y 4/2	T		2
93HJB4094	SCZ930052	13	686022	6050386	silty sand diamicton	60	B		olive	5Y 4/3	T		
93HJB4096	SCZ930053	13	686703	6052604	silty sand diamicton	90	B		dk olive grey	5Y 3/2	FT		1
93HJB4097	SCZ930053	13	686703	6052604	silty diamicton	195	B		greyish brwn	2.5Y 5/2	FT		2
93HJB4098	SCZ930053	13	686703	6052604	diamicton	220	C		dk olive grey	5Y 3/2	T		3
93HJB4100	SCZ930054	13	687634	6048225	silty diamicton	115	C		olive	5Y 4/3	T		
93HJB4102	SCZ930059	13	692600	6071350	till						T		
93HJB4104	SCZ930060	13	694075	6070700	till						T		
93HJB4106	SCZ930061	13	676625	6080850	till						T		
93HJB4108	SCZ930062	13	684350	6088650	till						T		
93HJB4110	SCZ930063	13	684875	6086800	till						T		
93HJB4112	SCZ930064	13	310400	6077725	till						T		
93HJB4114	SCZ930065	13	666167	6071924	till						T		
93HJB4116	SCZ930066	13	668473	6071873	silty sand diamicton	45	B		olive	5Y 5/3	D		
93HJB4118	SCZ930067	13	665165	6073803	silty sand diamicton	40	B		olive brwn	2.5Y 4/4	D		
93HJB4120	SCZ930068	13	662532	6072998	diamicton	45	B		olive	5Y 5/4	T		
93HJB4122	SCZ930069	13	672872	6078513	silty sand diamicton	60	B		olive	5Y 5/3	T		
93HJB4124	SCZ930070	13	680746	6095448	diamicton	50	B		lt olive brwn	2.5Y 5/6	D		
93HJB4126	SCZ930071	13	678031	6097936	med. sand	40	B		lt olive brwn	2.5Y 5/4	GF		
93HJB4128	SCZ930072	13	678292	6096341	silty diamicton	50	C		olive	5Y 5/3	T		
93HJB4131	SCZ930074	13	675783	6097475	silty sand diamicton	55	B		lt olive brwn	2.5Y 5/6	D		
93HJB4133	SCZ930075	13	673925	6092250	f. diamicton	55	B/C		olive brwn	2.5Y 4/4	D		
93HJB4135	SCZ930076	13	689200	6066900	f. diamicton	65	C		olive	5Y 4/3	T		
93JC0001	JEC930002	13	638966	6082010	Till	75	C	A	very pale brown	10YR7/3	T	Sandy	
93JC0002	JEC930002	13	638966	6082010	Humus	5					H		
93JC0003	JEC930004	13	636744	6079511	Diamicton	55	C	A			D	Silty-sandy	
93JC0004	JEC930004	13	636744	6079511	Humus	4					H		
93JC0005	JEC930006	13	638205	6079537	Till	100	C	B	very pale brown	10YR 7/3	T	Silty-sandy	
93JC0006	JEC930006	13	638205	6079537	Humus	5					H		
93JC0007	JEC930007	13	644960	6068731	Till	90	C	B			T	Silty-sandy	
93JC0008	JEC930007	13	644960	6068731	Humus	5					H		
93JC0009	JEC930008	13	645225	6070326	Till	55	C	A			T	Silty-sandy	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93JC0010	JEC930008	13	645225	6070326	Humus	4					H		
93JC0011	JEC930009	13	646400	6072701	Till	70	C	B	pale yellow	25Y 7/3	T	Silty-sandy	
93JC0012	JEC930009	13	646400	6072701	Humus	4					H		
93JC0013	JEC930009	13	646400	6072701	Diamicton	30	B	A	pale yellow	25Y 7/3	D	Sand	
93JC0014	JEC930010	13	647000	6074440	Till	50	B	B	very pale brown	10YR 7/3	T	Silty-sandy	
93JC0015	JEC930010	13	647000	6074440	Humus	2					H		
93JC0016	JEC930012	13	652900	6063800	Till	70	B/C	B	light yellowish grey	10YR 6/2	T	Silty-sandy	
93JC0017	JEC930012	13	652900	6063800	Humus	6					H		
93JC0018	JEC930015	13	652450	6066591	Till	55	C	A			T	Sandy	
93JC0019	JEC930016	13	652090	6069970	Till	85	C	A	light grey	2.5Y 7/2	T	Silty-sandy	
93JC0020	JEC930016	13	652090	6069970	Humus	8					H		
93JC0021	JEC930017	13	652950	6072090	Till	70	C	B	white	2.5Y 8/1	T	Silty-sandy	
93JC0022	JEC930017	13	652950	6072090	Humus	5					H		
93JC0023	JEC930022	13	655150	6075230	Till	30	B	A	very pale brown	10YR 8/2	T	Silty-sandy	0
93JC0024	JEC930022	13	655150	6075230	Till	110	C	D			T	Sandy	2
93JC0025	JEC930022	13	655150	6075230	Humus	4					H		1
93JC0026	JEC930023	13	655000	6075330	Till	80	C	A	light grey	10YR 7/2	T	Silty-sandy	
93JC0027	JEC930023	13	655000	6075330	Humus	4					H		
93JC0028	JEC930024	13	637945	6066401	Till	60	C	A			T	Silty-sandy	
93JC0029	JEC930024	13	637945	6066401	Humus	3					H		
93JC0030	JEC930028	13	640950	6060185	Till	60	C	A			T	Silty-sandy	
93JC0031	JEC930028	13	640950	6060185	Humus	10					H		
93JC0032	JEC930030	13	641250	6068203	Till	25	B	A			T	Gravelly	
93JC0033	JEC930030	13	641250	6068203	Humus	10					H		
93JC0034	JEC930031	13	644520	6065960	Till	40	C	A			T	Silty-sandy	
93JC0035	JEC930031	13	644520	6065960	Humus	5					H		
93JC0036	JEC930033	13	641540	6065830	Till	80	B	A			T	Silty-sandy	
93JC0037	JEC930033	13	641540	6065830	Humus	5					H		
93JC0038	JEC930034	13	643550	6062050	Till	80	C	A			T	Silty-sandy	
93JC0039	JEC930034	13	643550	6062050	Humus	7					H		
93JC0040	JEC930036	13	641860	6058265	Till	30	B	A			T	Silty	
93JC0041	JEC930036	13	641860	6058265	Humus	7					H		
93JC0042	JEC930038	13	659820	6094300	Till	60	C	A			T	Silty-sandy	
93JC0043	JEC930038	13	659820	6094300	Humus	10					H		
93JC0044	JEC930042	13	658550	6091550	Till	70	C	A			T	Silty-sandy	
93JC0045	JEC930042	13	658550	6091550	Humus	5					H		
93JC0046	JEC930044	13	658500	6087660	Till	40	B	A			T	Silty-sandy	
93JC0047	JEC930044	13	658500	6087660	Humus	5					H		
93JC0048	JEC930046	13	659845	6085700	Till	50	B\C	A			T	Silty	1
93JC0049	JEC930046	13	659845	6085700	Till	60	C	B			T	Sandy	2
93JC0050	JEC930046	13	659845	6085700	Humus	10					H		0
93JC0051	JEC930049	13	672880	6039812	Till	110	C	C			T	Silty	
93JC0052	JEC930049	13	672880	6039812	Humus	10					H		
93JC0053	JEC930051	13	675275	6041600	Till	90	C	A			T	Silty-sandy	
93JC0054	JEC930051	13	675275	6041600	Humus	10					H		
93JC0055	JEC930054	13	675225	6036880	Till	90	C	C			T	Silty	3
93JC0056	JEC930054	13	675225	6036880	Till	50	B	B			T	Sandy	2
93JC0057	JEC930054	13	675225	6036880	Till	30	B	A			T	Silty	1
93JC0058	JEC930054	13	675225	6036880	Humus	7					H		0
93JC0059	JEC930055	13	677615	6038335	Till	80	C	A			T	Sandy-silt	
93JC0060	JEC930055	13	677615	6038335	Humus	7					H		
93JC0061	JEC930056	13	681985	6041348	Till	70	C	A			T	Silty	
93JC0062	JEC930056	13	681985	6041348	Humus	11					H		
93JC0063	JEC930057	13	679770	6034840	Till	60	C	A			T	Silty	
93JC0064	JEC930057	13	679770	6034840	Humus	9					H		
93JC0065	JEC930058	13	681560	6038525	Till	80	B	A			T	Silty-sandy	
93JC0066	JEC930058	13	681560	6038525	Humus	8					H		
93JC0067	JEC930059	13	693340	6036480	Till	70	C	A			T	Silty	
93JC0068	JEC930059	13	693340	6036480	Humus	8					H		
93JC0069	JEC930060	13	691095	6037435	Till	60	C	A			T	Silty	
93JC0070	JEC930060	13	691095	6037435	Humus	8					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93JC0071	JEC930061	13	690555	6041228	Till	95	C	C			T	Silty-sandy	
93JC0072	JEC930061	13	690555	6041228	Humus	8					H		
93JC0073	JEC930062	13	693720	6042430	Till	50	B	A			T	Silty-sandy	
93JC0074	JEC930062	13	693720	6042430	Humus	10					H		
93JC0075	JEC930064	14	308160	6042520	Till	60	C	A			T	Silty-sandy	
93JC0076	JEC930064	14	308160	6042520	Humus	7					H		
93JC0077	JEC930065	13	689644	6032454	Till	60	C	A			T	Silty	
93JC0078	JEC930065	13	689644	6032454	Humus	10					H		
93JC0079	JEC930068	13	688161	6035980	Till	65	C	A			T	Silty	
93JC0080	JEC930068	13	688161	6035980	Humus	7					H		
93MOB0001	MOB930001	14	432993	5983988	Till	30	B/B/C	A	light grey	10YR 7/3	T	Silty	
93MOB0002	MOB930001	14	432993	5983988	Till	55	B/C	B	light grey	10YR 7/3	T	Sandy	
93MOB0003	MOB930003	14	438370	5989760	Till	30	B/C	A	very pale brown	10YR 8.2	T	Silty	
93MOB0004	MOB930007	14	442543	5997379	Till	30	B/C	A	light grey	10YR 7/2	T	Silty - stony	
93MOB0005	MOB930007	14	442543	5997379	Humus	5					H		
93MOB0006	MOB930015	14	458927	5996929	Till	30	B/C	A	very pale brown	10YR,8/2	T	Silty	
93MOB0007	MOB930015	14	458927	5996929	Humus	10					H		
93MOB0008	MOB930018	14	452792	5995076	Till	40	B/C	B	very pale brown	10YR,8/2	T	Silty	1
93MOB0009	MOB930018	14	452792	5995076	Humus	1					H		0
93MOB0010	MOB930018	14	452792	5995076	Till	60	B/C	C	very pale brown	10YR,8/2	T	Pebbly	2
93MOB0011	MOB930021	14	450386	6007798	Till	40	B/C	B	light grey	10YR 7/2	T	Silty	
93MOB0012	MOB930021	14	450386	6007798	Humus	2					H		
93MOB0015	MOB930022	14	396119	6010305	Humus	10					H		0
93MOB0016	MOB930022	14	396119	6010305	Till	190	B/C	B	light grey	7.5YR 7/1	T	Silty	5
93MOB0016a	MOB930022	14	396119	6010305	Till	165	B/C	B	light grey	7.5YR 7/1	T	Silty	4
93MOB0017	MOB930022	14	396119	6010305	Till	140	B/C	A	light grey	7.5YR 7/1	T	Silty	3
93MOB0018	MOB930022	14	396119	6010305	Till	90	B/C	A	light grey	7.5YR 7/1	T	Silty	2
93MOB0019	MOB930022	14	396119	6010305	Till	50	B/C	A	light grey	7.5YR 7/1	T	Silty	1
93MOB0020	MOB930028	14	392250	6003887	Humus	10					H		0
93MOB0021	MOB930028	14	392250	6003887	Till	50	B/C	A	very pale brown	10YR 8/2	T	Silty	1
93MOB0022	MOB930028	14	392250	6003887	Till	65	B/C	B	pink	7.5YR 8/3	T	Pebbly	2
93MOB0023	MOB930030	14	350273	5989115	Till	80	B/C	B	very pale brown	10YR 7/4	T	Silty-sandy	
93MOB0024	MOB930030	14	350273	5989115	Peat	45	A	A			O		
93MOB0025	MOB930030	14	350273	5989115	Humus	32					H		
93MOB0026	MOB930031	14	349429	5992307	Till	60	B/C	A	very pale brown	10YR 7/3	T	Silty	
93MOB0027	MOB930031	14	349429	5992307	Humus	10					H		
93MOB0028	MOB930032	14	347659	5997180	Till	75	B/C	B	light grey	7.5YR 7/2	T	Silty	1
93MOB0029	MOB930032	14	347659	5997180	Glaciolacustrine clay	120	C	C			FGL	Clayey	2
93MOB0030	MOB930032	14	347659	5997180	Humus	10					H		0
93MOB0031	MOB930033	14	383791	5994607	Till	50	B/C	B	very pale brown	10YR 8/2	T	Silty	
93MOB0032	MOB930033	14	383791	5994607	Humus	0					H		
93MOB0033	MOB930040	14	346832	5999678	Till	20	B/C	A	very pale brown	10YR 8/3	T	Stony	
93MOB0034	MOB930040	14	346832	5999678	Humus	1					H		
93MOB0035	MOB930041	14	339073	5998634	Till	45	B/C	A	light brown	7.5Y 6/3	T	Stony	
93MOB0036	MOB930041	14	339073	5998634	Humus	2					H		
93MOB0037	MOB930048	14	350090	6002408	Till	25	B/C	A	Pink	7.5YR 8/3	T	Silty	
93MOB0038	MOB930048	14	350090	6002408	Humus	10					H		
93MOB0039	MOB930050	14	349715	5997955	Till	70	B/C	B	very pale brown	10YR 8/3	T	Silty	
93MOB0040	MOB930050	14	349715	5997955	Humus	5					H		
93MOB0041	MOB930051	14	352172	5999730	Till	80	B/C	B	pinkish white	7.5YR 8/3	T	Silty	
93MOB0042	MOB930051	14	352172	5999730	Humus	2					H		
93MOB0043	MOB930052	14	351677	6001231	Till	55	B/C	B	very pale brown	10YR 8/2	T	Stony	
93MOB0044	MOB930052	14	351677	6001231	Humus	1					H		
93MOB0045	MOB930053	14	353564	6010831	Till	40	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB0046	MOB930053	14	353564	6010831	Humus	3					H		
93MOB0047	MOB930054	14	351228	6011785	Till	40	B/C	B	very pale brown	10YR 8/3	T	Stony	
93MOB0048	MOB930054	14	351228	6011785	Humus	10					H		
93MOB0049	MOB930055	14	346775	6012468	Till	60	B/C	A	light grey	10YR 7/2	T	Clayey	
93MOB0050	MOB930055	14	346775	6012468	Humus	6					H		
93MOB0051	MOB930056	14	343494	6010711	Till	25	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB0052	MOB930058	14	345944	6003674	Till	15	B/C	B	very pale brown	10YR 8/4	T	Pebbly	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB0053	MOB930058	14	345944	6003674	Humus	2					H		
93MOB0054	MOB930062	14	337971	6007921	Till	65	B/C	B	pale brown	10YR 6/3	T	Silty	
93MOB0055	MOB930062	14	337971	6007921	Humus	8					H		
93MOB0056	MOB930063	14	345525	6011531	Till	40	B/C	A	light grey	10YR 7/1	T	Clayey	
93MOB0057	MOB930064	14	345154	6011492	Till	70	B/C	C	very pale brown	10YR 7/2	T	Silty	3
93MOB0058a	MOB930064	14	345154	6011492	Till	80	B/C	D	pale brown	10YR 6/3	T	Silty	4
93MOB0059	MOB930064	14	345154	6011492	Till	35	B/C	A	light brownish grey	10YR 6/2	T	Clayey	1
93MOB0060	MOB930064	14	345154	6011492	Laminated sand & silt	50	B/C	B			FGL	Silty	2
93MOB0061	MOB930068	14	461935	5991161	Organics	60	O	A			O		
93MOB0062	MOB930069	14	392119	6002869	Peat	160	O	A			O		
93MOB0063	MOB930069	14	392119	6002869	Alluvial silts	180	C	B			A	Silty	
93MOB0064	MOB930070	14	351011	5998843	Peat	125	O	A			O		
93MOB0065	MOB930053	14	353564	6010831	Till	50	B/C	A	very pale brown	10YR 8/2	T	Silty	1
93MOB0066	MOB930053	14	353564	6010831	Till	90	B/C	A	very pale brown	10YR 8/2	T	Silty	2
93MOB0067	MOB930053	14	353564	6010831	Till	150	B/C	A	very pale brown	10YR 8/2	T	Silty	3
93MOB0068	MOB930071	14	355418	6015172	Till	90	B/C	A	very pale brown	10YR 8/2	T	Sandy	
93MOB0069	MOB930071	14	355418	6015172	Humus	8					H		
93MOB0070	MOB930072	14	360400	6018029	Till	40	B/C	B	light grey	10YR 7/2	T	Sandy	
93MOB0071	MOB930072	14	360400	6018029	Humus	15					H		
93MOB0072	MOB930073	14	346189	6012293	Till	20	B/C	A	light grey	10YR 7/2	T	Sandy	1
93MOB0073	MOB930073	14	346189	6012293	Till	100	B/C	A	light grey	10YR 7/2	T	Silty	2
93MOB0074	MOB930073	14	346189	6012293	Till	160	B/C	A	light grey	10YR 7/2	T	Silty-clayey	3
93MOB0075	MOB930073	14	346189	6012293	Till	140	B/C	A	light grey	10YR 7/2	T	Clayey	4
93MOB0076	MOB930073	14	346189	6012293	Till.	220	B/C	C	light grey	10 YR 7/1	T	Sandy	5
93MOB0077	MOB930074	14	348975	6014506	Till	50	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB0078	MOB930074	14	348975	6014506	Humus	6					H		
93MOB0079	MOB930075	14	345167	6016156	Till	55	B/C	B	light grey	10YR 7/2	T	Clayey	
93MOB0080	MOB930075	14	345167	6016156	Humus	50					H		
93MOB0081	MOB930076	14	343675	6018568	Till	40	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB0082	MOB930076	14	343675	6018568	Humus	5					H		
93MOB0083	MOB930077	14	340216	6020885	Till	55		B	light grey	10 YR 7/1	T	Clayey	2
93MOB0084	MOB930077	14	340216	6020885	Humus	4					H		0
93MOB0085	MOB930077	14	340216	6020885	Till	40	B/C	A	light grey	10 YR 7/1	T	Sandy	1
93MOB0085A	MOB930081	14	337740	6015299	Diamicton	50	B/C	B			D	Clayey	
93MOB0086	MOB930081	14	337740	6015299	Humus	5					H		
93MOB0087	MOB930082	14	336625	6019200	Till	50	C	A	light brownish grey	10YR 6/2	T	Clayey	
93MOB0088	MOB930082	14	336625	6019200	Humus	5					H		
93MOB0089	MOB930084	14	332250	6014800	Till	45	B/C	B	light grey	10 YR 7/2	T	Clayey	
93MOB0090	MOB930084	14	332250	6014800	Humus	10			light grey	10 YR 7/2	H		
93MOB0091	MOB930087	14	325600	6007000	Till	45	B/C	B			T	Clayey	
93MOB0092	MOB930087	14	325600	6007000	Humus	8					H		
93MOB0093	MOB930088	14	333000	6018225	Diamicton	40	B	A			D	Clayey	
93MOB0094	MOB930088	14	333000	6018225	Humus	5					H		
93MOB0095	MOB930089	14	329850	6015925	Till	40	B/C	B	light grey	10 YR 7/2	T	Clayey	
93MOB0096	MOB930089	14	329850	6015925	Humus	8					H		
93MOB0097	MOB930090	14	326300	6017125	Till	30	B/C	B	light grey	10 YR 7/2	T	Clayey	
93MOB0098	MOB930090	14	326300	6017125	Humus	6					H		
93MOB0099	MOB930095	14	323025	6016300	Till	45	B/C	B	light grey	10 YR 7/2	T	Silty-sandy	
93MOB0100	MOB930095	14	323025	6016300	Humus	2					H		
93MOB0101	MOB930098	14	320350	6011775	Till	110	B/C	B	very pale brown	10YR 8/2	T	Bouldery	
93MOB0102	MOB930098	14	320350	6011775	Humus	6					H		
93MOB0104	MOB930102	14	422514	5990266	Till	60	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB0105	MOB930102	14	422514	5990266	Humus	8					H		
93MOB0106	MOB930103	14	432235	6003552	Till	60	B/C	B	very pale brown	10YR 8/2	T	Silty	
93MOB0107	MOB930103	14	432235	6003552	Humus	4					H		
93MOB0108	MOB930104	14	425935	6008204	Till	60	B/C	A	light grey	2.5Y 7/2	T	Silty	
93MOB0109	MOB930104	14	425935	6008204	Humus	5					H		
93MOB0110	MOB930105	14	417700	6004128	Till	50	B/C	A	white	10 YR 8/1	T	Silty	
93MOB0111	MOB930105	14	417700	6004128	Humus	5					H		
93MOB0112	MOB930106	14	410823	6008534	Till	45	B/C	A	white	10 YR 8/1	T	Silty	
93MOB0113	MOB930106	14	410823	6008534	Humus	4					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB0114	MOB930107	14	420329	6012190	Till	45	B/C	B	white	10 YR 8/1	T	Silty	
93MOB0115	MOB930107	14	420329	6012190	Humus	20					H		
93MOB0116	MOB930108	14	424981	6019970	Till	110	C	B	light grey	10YR 7/1	T	Silty	
93MOB0117	MOB930108	14	424981	6019970	Humus	30					H		
93MOB0118	MOB930109	14	400204	6015621	Till	40	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB0119	MOB930109	14	400204	6015621	Humus	10					H		
93MOB0120	MOB930110	14	403085	6019729	Till	100	B/C	C	white	2.5YR 8/1	T	Silty	
93MOB0121	MOB930110	14	403085	6019729	Organics	45	O	A			H		
93MOB0122	MOB930111	14	408017	6017403	Till	60	B/C	A	light grey	2.5Y 7/2	T	Silty	
93MOB0123	MOB930111	14	408017	6017403	Humus	3					H		
93MOB0124	MOB930112	14	422328	6028546	Till	50	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB0125	MOB930112	14	422328	6028546	Humus	12					H		
93MOB0126	MOB930113	14	433355	6040607	Till	55	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB0127	MOB930113	14	433355	6040607	Humus	11					H		
93MOB0128	MOB930114	14	420837	6044984	Till	90	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB0129	MOB930114	14	420837	6044984	Humus	15					H		
93MOB0130	MOB930115	14	414432	6035019	Till	45	B/C	B	light grey	10YR 7/2	T	Sandy	
93MOB0131	MOB930115	14	414432	6035019	Humus	8					H		1
93MOB0132	MOB930115	14	414432	6035019	Till	100	B/C	D	white	10YR 8/1	T	Sandy	0
93MOB0133	MOB930117	14	343199	6020885	Till	60	B/C	B	light brownish grey	10YR 6/2	T	Clayey	2
93MOB0134	MOB930117	14	343199	6020885	Humus	3					H		
93MOB0135	MOB930118	14	343834	6022027	Till	50	B/C	B	light brownish grey	10YR 6/2	T	Sandy	
93MOB0136	MOB930118	14	343834	6022027	Humus	2					H		
93MOB0137	MOB930119	14	344899	6025552	Till	60	B/C	A	light grey	2.5Y 7/1	T	Sandy	
93MOB0138	MOB930119	14	344899	6025552	Humus	8					H		
93MOB0139	MOB930122	14	345886	6030351	Till	60	B/C	A	light grey	2.5Y 7/1	T	Sandy	
93MOB0140	MOB930122	14	345886	6030351	Humus	5					H		
93MOB0141	MOB930124	14	351284	6033325	Till	5	B/C	A	light grey	2.5Y 7/1	T	Sandy	
93MOB0142	MOB930124	14	351284	6033325	Humus	3					H		
93MOB0143	MOB930125	14	328300	6036800	Till	60	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB0144	MOB930125	14	328300	6036800	Humus	5					H		
93MOB0145	MOB930126	14	336000	6039250	Till	85	B/C	B	very pale brown	10YR 7/3	T	Sandy	
93MOB0146	MOB930126	14	336000	6039250	Humus	9					H		
93MOB0147	MOB930128	14	340166	6043064	Till	90	B/C	B	light grey	10YR 7/2	T	Sandy	
93MOB0148	MOB930128	14	340166	6043064	Humus	5					H		
93MOB0149	MOB930130	14	342439	6039720	Till	80	B/C	B	light grey	10YR 7/2	T	Sandy	1
93MOB0150	MOB930130	14	342439	6039720	Humus	13					H		0
93MOB0151	MOB930130	14	342439	6039720	Till	110	B/C	C	light grey	10YR 7/2	T	Silty	2
93MOB0152	MOB930131	14	364591	6046852	Till	80	B/C	A	very pale brown	10YR 7/3	T	Silty	
93MOB0153	MOB930131	14	364591	6046852	Humus	10					H		
93MOB0154	MOB930132	14	367003	6049815	Till	35	C	B	olive	5Y 5/3	T	Sandy	
93MOB0155	MOB930134	14	363058	6051702	Till	50	B	A	light grey	2.5Y 7/2	T	Sandy	
93MOB0156	MOB930134	14	363058	6051702	Humus	6					H		
93MOB0157	MOB930135	14	359629	6052761	Till	60	B/C	B	pale brown	10YR 6/3	T	Sandy	
93MOB0158	MOB930135	14	359629	6052761	Humus	4					H		
93MOB0159	MOB930136	14	332500	6009700	Till	55	B/C	B	pinkish grey	7.5YR 7/2	T	Clayey	2
93MOB0160	MOB930136	14	332500	6009700	Humus	7					H		0
93MOB0161	MOB930136	14	332500	6009700	Diamicton	10	B	A			D	Clayey	1
93MOB0162	MOB930138	14	334650	6008375	Till	50	B/C	B	pinkish grey	7.5YR 7/2	T	Clayey	
93MOB0163	MOB930138	14	334650	6008375	Humus	4					H		
93MOB0164	MOB930139	14	317275	6041425	Till	55	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB0165	MOB930139	14	317275	6041425	Humus	4					H		
93MOB0166	MOB930141	14	321650	6036875	Till	90	B	B	light brownish grey	2.5Y 6/2	T	Clayey	
93MOB0167	MOB930141	14	321650	6036875	Humus	1					H		
93MOB0168	MOB930141	14	321650	6036875	Till	15	B	A	light brownish grey	2.5Y 6/2	T	Sandy	
93MOB0169	MOB930142	14	326150	6038350	Till	70	B/C	B	light grey	10YR 7/2	T	Clayey	2
93MOB0170	MOB930142	14	326150	6038350	Humus	5					H		0
93MOB0171	MOB930142	14	326150	6038350	Till	15	B	A	light grey	10YR 7/2	T	Sandy	1
93MOB0172	MOB930143	14	329125	6039825	Till	80	B/C	C	light grey	2.5Y 7/2	T	Clayey	3
93MOB0173	MOB930143	14	329125	6039825	Humus	4					H		0
93MOB0174	MOB930143	14	329125	6039825	Oxidized diamicton	40	B/C	B	light grey	2.5Y 7/2	D	Clayey	2

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB0175	MOB930143	14	329125	6039825	Till	18	B/C	A	light grey	2.5Y 7/2	T	Sandy	1
93MOB0176	MOB930145	14	333950	6041950	Till	60	B/C	B	pale olive	5Y 6/3	T	Sandy	
93MOB0177	MOB930145	14	333950	6041950	Humus	7					H		
93MOB0178	MOB930149	14	359650	6003680	Till	40	B/C	A	white	10 YR 8/1	T	Silty	
93MOB0179	MOB930149	14	359650	6003680	Humus	10					H		
93MOB0180	MOB930150	14	334000	5997600	Glaciolac. varved clay and silt	10	B	A			FGL	Clayey	
93MOB0181	MOB930150	14	334000	5997600	Glaciolacustrine diamicton	80	B/C	A			D	Clayey	
93MOB0182	MOB930150	14	334000	5997600	Humus	10					H		
93MOB0183	MOB930151	14	312750	6000000	Till	60	B/C	B	very pale brown	10YR 7/3	T	Sandy	
93MOB0184	MOB930151	14	312750	6000000	Humus	5					H		
93MOB0185	MOB930152	14	317250	5999750	Till	50	C	B	light brownish grey	10YR 6/2	T	Sandy	
93MOB0186	MOB930152	14	317250	5999750	Humus	5					H		
93MOB0187	MOB930153	14	337900	6044770	Till	55	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB0188	MOB930153	14	337900	6044770	Humus	5					H		
93MOB0189	MOB930155	14	341041	6046092	Till	70	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB0190	MOB930155	14	341041	6046092	Humus	2					H		
93MOB0191	MOB930158	14	345607	6048055	Till	20	B/C	A	light grey	7/2 5Y	T	Sandy	
93MOB0192	MOB930158	14	345607	6048055	Humus	4					H		
93MOB0193	MOB930162	14	346364	6044034	Till	530	B/C	A			T	Sandy - clayey	12
93MOB0194	MOB930162	14	346364	6044034	Till	480	B/C	A			T	Sandy - clayey	11
93MOB0195	MOB930162	14	346364	6044034	Till	430	B/C	A			T	Sandy - silty	10
93MOB0196	MOB930162	14	346364	6044034	Till	380	B/C	A			T	Sandy - clayey	9
93MOB0197	MOB930162	14	346364	6044034	Till	320	B/C	A			T	Sandy	8
93MOB0198	MOB930162	14	346364	6044034	Till	280	B/C	A			T	Sandy	7
93MOB0199	MOB930162	14	346364	6044034	Till	230	B/C	A			T	Sandy	6
93MOB0200	MOB930162	14	346364	6044034	Till	180	B/C	A			T	Sandy	5
93MOB0201	MOB930162	14	346364	6044034	Till	130	B/C	A			T	Sandy	4
93MOB0202	MOB930162	14	346364	6044034	Till	80	B/C	A			T	Sandy	3
93MOB0203	MOB930162	14	346364	6044034	B horizon till	30	B	A			T	Sandy	2
93MOB0204	MOB930162	14	346364	6044034	A horizon till	15	A	A			T	Sandy	1
93MOB0205	MOB930162	14	346364	6044034	Humus	5					H		0
93MOB0206	MOB930164	14	345801	6037727	Till	60	B/C	A			T	Sandy	
93MOB0207	MOB930164	14	345801	6037727	Humus	5			light grey	2.5Y 7/2	H		
93MOB0208	MOB930166	14	348028	6050695	Till	25	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB0209	MOB930166	14	348028	6050695	Humus	4					H		
93MOB0210	MOB930167	14	345515	6050997	Till	40	B/C	A	white	2.5Y 8/1	T	Sandy	
93MOB0211	MOB930167	14	345515	6050997	Humus	5					H		
93MOB0212	MOB930169	14	345980	6054883	Till	60	C	B			T	Silty	
93MOB0213	MOB930169	14	345980	6054883	Humus	5					H		
93MOB0214	MOB930170	14	431487	6033336	Washed till	20	B	A			T	Sandy	
93MOB0215	MOB930170	14	431487	6033336	Humus	7					H		
93MOB0216	MOB930171	14	426688	6042763	Humus	15					H		
93MOB0217	MOB930171	14	426688	6042763	Till	100	B/C	B			T	Silty	
93MOB0218	MOB930172	14	420216	6048319	Till	85	B/C	C			T	Silty	
93MOB0219	MOB930172	14	420216	6048319	Humus	10					H		
93MOB0220	MOB930173A	14	409950	6040600	Till	55	B/C	A			T	Silty	
93MOB0221	MOB930173A	14	409950	6040600	Humus	5					H		
93MOB0222	MOB930173B	14	417241	6020531	Till	30	B/C	B			T	Silty	
93MOB0223	MOB930173B	14	417241	6020531	Humus	6					H		
93MOB0224	MOB930174	14	413632	6015077	Till	65	B/C	A			T	Silty	
93MOB0225	MOB930174	14	413632	6015077	Humus	8					H		
93MOB0226	MOB930175	14	403022	6010425	Till	45	B/C	B			T	Silty	
93MOB0227	MOB930175	14	403022	6010425	Humus	4					H		
93MOB0228	MOB930176	14	383977	6018524	Till	55	B/C	A			T	Silty	
93MOB0229	MOB930176	14	383977	6018524	Humus	10					H		
93MOB0230	MOB930177	14	380844	6027465	Till	55	B/C	B			T	Sandy	
93MOB0231A	MOB930178	14	391605	6044611	Leached till	35	B/C	A			T	Sandy	1
93MOB0231B	MOB930178	14	391605	6044611	Till	60	B/C	A			T	Sandy	2
93MOB0232	MOB930178	14	391605	6044611	Humus	7					H		0
93MOB0233	MOB930179	14	383180	6047121	Ice contact sand & gravel	35	B	B			GF	Cobbly	
93MOB0234	MOB930179	14	383180	6047121	Humus	4					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB0235	MOB930180	14	375463	6046365	Till	30	B	A			T	Sandy	
93MOB0236	MOB930180	14	375463	6046365	Humus	5					H		
93MOB0237	MOB930181	14	394309	6025265	Till	60	B/C	A			T	Silty	
93MOB0238	MOB930181	14	394309	6025265	Humus	15					H		
93MOB0239	MOB930182	14	401278	6035643	Till	90	B/C	A			T	Sandy	
93MOB0240	MOB930182	14	401278	6035643	Humus	12					H		
93MOB0241	MOB930183	14	399519	6040423	Till	100	B/C	B	very pale brown	10YR 7/3	T	Silty	
93MOB0242	MOB930183	14	399519	6040423	Humus	10					H		
93MOB0243	MOB930184	14	393750	6037063	Till	60	B/C	A	light brownish grey	10YR 6/2	T	Sandy	
93MOB0244	MOB930184	14	393750	6037063	Humus	10					H		
93MOB0245	MOB930185	14	388124	6033688	Till	65	B/C	B			T	Silty	
93MOB0246	MOB930185	14	388124	6033688	Humus	5					H		
93MOB0247	MOB930186	14	378984	6022046	Till	75	B/C	B			T	Sandy	
93MOB0248	MOB930186	14	378984	6022046	Humus	10					H		
93MOB0249	MOB930187	14	368447	6027346	Till	65	B/C	B			T	Silty	
93MOB0250	MOB930187	14	368447	6027346	Humus	8					H		
93MOB0251	MOB930188	14	368558	6031608	Till	60	B/C	A			T	Silty	
93MOB0252	MOB930188	14	368558	6031608	Humus	2					H		
93MOB0253	MOB930189	14	366449	6035161	Till	70	B/C	B			T	Silty	
93MOB0254	MOB930189	14	366449	6035161	Humus	4					H		
93MOB0255	MOB930190	14	360721	6029788	Till	70	B/C	A			T	Sandy	
93MOB0256	MOB930190	14	360721	6029788	Humus	5					H		
93MOB0257	MOB930191	14	355281	6031697	Till	60	B/C	A			T	Silty-sandy	
93MOB0258	MOB930191	14	355281	6031697	Humus	1					H		
93MOB0259	MOB930192	14	356424	6049639	Till	60	B/C	B			T	Sandy	
93MOB0260	MOB930192	14	356424	6049639	Humus	4					H		
93MOB0261	MOB930193	14	368035	6059110	Till	65	B/C	A			T	Sandy	
93MOB0262	MOB930193	14	368035	6059110	Humus	4					H		
93MOB0263	MOB930194	14	368154	6055975	Till	65	B/C	A			T	Sandy	
93MOB0264	MOB930194	14	368154	6055975	Humus	2					H		
93MOB0265	MOB930195	14	385188	6050824	Till	95	B/C	A			T	Sandy	
93MOB0266	MOB930195	14	385188	6050824	Humus	20					H		
93MOB1001	RUT930001	14	466768	5983546	Till	45	B/C	B			T	Silty	
93MOB1002	RUT930001	14	466768	5983546	Humus	5					H		
93MOB1003	RUT930007	14	463849	5989061	Humus	10					H		
93MOB1004	RUT930007	14	463849	5989061	Till	50	B	A	Pinkish grey	7.5YR7/2	T	Silty	
93MOB1005	RUT930008	14	473218	5991160	Till	30	B	A	greyish pink	7.5YR7/2	T	Silty	
93MOB1006	RUT930008	14	473218	5991160	Humus	1					H		
93MOB1007	RUT930016	14	430725	5993414	Till	35	B/C	A	light grey	10YR 8/2	T	Silty	
93MOB1008	RUT930016	14	430725	5993414	Humus	10					H		
93MOB1009	RUT930021	14	433389	5990911	Till	45	B/C	A	white	10 YR 8/1	T	Silty	
93MOB1010	RUT930021	14	433389	5990911	Humus	15					H		
93MOB1011	RUT930023	14	387594	5998382	Till	40	B/C	A	Pink	5YR 7/3	T	Silty	
93MOB1012	RUT930023	14	387594	5998382	Humus	2					H		
93MOB1013	RUT930024	14	387576	5994777	Till	40	B/C	A	very pale brown	10YR 7/4	T	Silty	
93MOB1014	RUT930024	14	387576	5994777	Humus	2					H		
93MOB1015	RUT930026	14	383034	5992036	Till	35	B/C	A	very pale brown	10YR 7/4	T	Silty	
93MOB1016	RUT930026	14	383034	5992036	Humus	3					H		
93MOB1017	RUT930027	14	382780	5991765	Till	55	B/C	B	pinkish white	5YR 8/2	T	Silty	
93MOB1018	RUT930027	14	382780	5991765	Humus	4					H		
93MOB1019	RUT930028	14	381705	5990377	Till	45	B/C	A	very pale brown	10YR 8/3	T	Silty	
93MOB1020	RUT930028	14	381705	5990377	Humus	3					H		
93MOB1021	RUT930029	14	376739	5990126	Till	55	B/C	A	Pinkish white	8/2 7.5Y	T	Silty	
93MOB1022	RUT930029	14	376739	5990126	Humus	5					H		
93MOB1023	RUT930031	14	376979	5985562	Till	17	B/C	A	pale brown	10YR 6/3	T	Silty	
93MOB1024	RUT930042	14	355269	5994385	Humus	10					H		
93MOB1025	RUT930044	14	357977	5997269	Till	80	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB1026	RUT930044	14	357977	5997269	Humus	22					H		
93MOB1027	RUT930045	14	361841	5997849	Till	55	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB1028	RUT930045	14	361841	5997849	Humus	10					H		
93MOB1029	RUT930046	14	346106	6011208	Till	50	B/C	A	light grey	10YR 7/2	T	Clayey	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB1030	RUT930046	14	346106	6011208	Humus	1					H		
93MOB1033	RUT930050	14	372835	5989725	Humus	1					H		
93MOB1034	RUT930050	14	372835	5989725	Till	45	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB1035	RUT930051	14	373188	5996324	Till	40	B/C	A	very pale brown	10YR 8/3	T	Sandy	
93MOB1036	RUT930051	14	373188	5996324	Humus	6					H		
93MOB1037	RUT930052	14	372835	5993521	Till	55	B/C	A			T	Sandy	
93MOB1038	RUT930055	14	376826	6003505	Till	80	C	A	very pale brown	10YR 8/2	T	Sandy	
93MOB1039	RUT930055	14	376826	6003505	Humus	1					H		
93MOB1040	RUT930058	14	374455	6008735	Till	65	B/C	A	white	10 YR 8/1	T	Silty	
93MOB1041	RUT930058	14	374455	6008735	Humus	1					H		
93MOB1042	RUT930061	14	360588	6011721	Till	55	B/C	A	Pink	7/3 7.5Y	T	Sandy	
93MOB1043	RUT930061	14	360588	6011721	Humus	10					H		
93MOB1044	RUT930062	14	364477	6011360	Till	45	B/C	A	Pinkish grey	7/2 7.5Y	T	Sandy	
93MOB1045	RUT930062	14	364477	6011360	Humus	1					H		
93MOB1046	RUT930066	14	368788	6014733	Till	45	B/C	A	Pinkish grey	7/2 7.5Y	T	Sandy	
93MOB1047	RUT930066	14	368788	6014733	Humus	2					H		
93MOB1048	RUT930069	14	371208	6017636	Till	25	B	A	pale yellow	7/4 2.5Y	T	Silty	
93MOB1049	RUT930073	14	373389	6021737	Till	60	B/C	A	light grey	10 YR 7/1	T	Silty	
93MOB1050	RUT930073	14	373389	6021737	Humus	1					H		
93MOB1051	RUT930076	14	371539	6024037	Till	5	B	A	Pinkish grey	7/2 7.5Y	T	Sandy	
93MOB1052	RUT930080	14	417533	5984711	Till	60	B/C	A	white	10 YR 8/1	T	sandy-silty	
93MOB1053	RUT930080	14	417533	5984711	Humus	1					H		
93MOB1054	RUT930082	14	336500	6001025	Till	45	B/C	A	pale brown	10YR 6/3	T	Sandy	
93MOB1055	RUT930082	14	336500	6001025	Humus	1					H		
93MOB1056	RUT930088	14	331175	6002025	Till	65	B/C	A	very pale brown	10YR 7/3	T	Sandy	
93MOB1057	RUT930088	14	331175	6002025	Humus	1					H		
93MOB1058	RUT930091	14	329525	6007000	Till	50	B/C	A	light grey	10YR 7/2	T	Clay	
93MOB1059	RUT930091	14	329525	6007000	Humus	1					H		
93MOB1060	RUT930092	14	330475	6011100	Till	40	B/C	A	very pale brown	10YR 7/3	T	Sandy	
93MOB1061	RUT930092	14	330475	6011100	Humus	1					H		
93MOB1062	RUT930095	14	312850	6016400	Till	45	B/C	A	very pale brown	10YR 8/3	T	Sandy	
93MOB1063	RUT930095	14	312850	6016400	Humus	1					H		
93MOB1064	RUT930096	14	318225	6019150	Till	80	B/C	A	light grey	10YR 7/2	T	Sandy	2
93MOB1065	RUT930096	14	318225	6019150	Varved clay	40	B/B/C	A			FGL	Clayey	1
93MOB1066	RUT930096	14	318225	6019150	Humus	1					H		0
93MOB1067	RUT930097	14	318175	6022675	Till	60	B/C	A	light grey	10YR 7/2	T	Silty-sandy	
93MOB1068	RUT930097	14	318175	6022675	Humus	2					H		
93MOB1069	RUT930100	14	322375	6023400	Till	55	B/C	A	very pale brown	10YR 8/3	T	Sandy	
93MOB1070	RUT930100	14	322375	6023400	Humus	5					H		
93MOB1071	RUT930103	14	323850	6026150	Till	80	B/C	A	pale yellow	2.5Y 8/2	T	Silty	
93MOB1072	RUT930103	14	323850	6026150	Humus	5					H		
93MOB1073	RUT930104	14	325350	6029150	Till	60	B/C	A	pale yellow	2.5Y 8/2	T	Silty-sandy	
93MOB1074	RUT930104	14	325350	6029150	Humus	8					H		
93MOB1075	RUT930106	14	329050	6029450	Till	55	B/C	A	pale yellow	2.5Y 8/2	T	Silty	
93MOB1076	RUT930106	14	329050	6029450	Humus	3					H		
93MOB1077	RUT930110	14	333125	6030000	Till	50	B/C	A	very pale brown	10YR 8/2	T	Silty	
93MOB1078	RUT930110	14	333125	6030000	Humus	1					H		
93MOB1079	RUT930111	14	336850	6030450	Till	75	B/C	A	white	2.5Y 8/1	T	Silty	
93MOB1080	RUT930111	14	336850	6030450	Humus	5					H		
93MOB1081	RUT930112	14	339448	6031756	Till	60	B/C	A	light grey	10 YR 7/1	T	Silty	
93MOB1082	RUT930112	14	339448	6031756	Humus	2					H		
93MOB1083	RUT930115	14	344397	6028479	Till	65	B/C	A	white	10 YR 8/1	T	Sandy-silt	
93MOB1084	RUT930115	14	344397	6028479	Humus	20					H		
93MOB1085	RUT930117	14	340501	6024716	Till	45	B/C	A	light brownish grey	2.5Y 6/2	T	Clayey	
93MOB1086	RUT930117	14	340501	6024716	Humus	2					H		
93MOB1087	RUT930119	14	337050	6025850	Till	70	B/C	A	light grey	7/1 5Y	T	Clayey	
93MOB1088	RUT930119	14	337050	6025850	Humus	20					H		
93MOB1089	RUT930120	14	342670	6032676	Till	50	B/C	A	pale yellow	2.5Y 8/2	T	Sandy	
93MOB1090	RUT930120	14	342670	6032676	Humus	15					H		
93MOB1091	RUT930121	14	336800	6033750	Till	55	B/C	A	pale yellow	2.5Y 8/2	T	Silty	
93MOB1092	RUT930121	14	336800	6033750	Humus	5					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB1093	RUT930122	14	332075	6035875	Till	55	B/C	A	light grey	2.5Y 7/2	T	Clay	
93MOB1094	RUT930122	14	332075	6035875	Humus	10					H		
93MOB1095	RUT930123	14	347869	6037760	Till	75	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB1096	RUT930123	14	347869	6037760	Humus	1					H		
93MOB1097	RUT930126	14	351403	6041952	Till	50	B/C	A	very pale brown	10YR 8/2	T	Sandy	
93MOB1098	RUT930126	14	351403	6041952	Humus	1					H		
93MOB1099	RUT930129	14	352396	6045382	Till	140	B/C	A	light grey	7/2 10Y	T	Sandy	
93MOB1100	RUT930129	14	352396	6045382	Humus	8					H		
93MOB1101	RUT930132	14	348162	6044956	Till	55	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB1102	RUT930132	14	348162	6044956	Humus	8					H		
93MOB1103	RUT930135	14	354005	6041786	Till	75	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB1104	RUT930135	14	354005	6041786	Humus	5					H		
93MOB1105	RUT930136	14	339580	6013874	Till	45	B/C	A	light reddish brow	2.5YR 6/4	T	Silty	
93MOB1106	RUT930136	14	339580	6013874	Humus	3					H		
93MOB1107	RUT930137	14	359999	6036185	Till	55	B/C	A	pale brown	10YR 6/3	T	Sandy	
93MOB1108	RUT930137	14	359999	6036185	Humus	5					H		
93MOB1109	RUT930137	14	359999	6036185	Till	50	B/C	B	pale brown	10YR 6/3	T	Silty	
93MOB1110	RUT930138	14	356916	6036540	Till	60	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB1111	RUT930138	14	356916	6036540	Humus	8					H		
93MOB1112	RUT930139	14	362238	6034544	Till	65	B/C	A	pale yellow	2.5Y 8/2	T	Silty	
93MOB1113	RUT930139	14	362238	6034544	Humus	5					H		
93MOB1114	RUT930140	14	361063	6037516	Till	60	B/C	A	white	10 YR 8/1	T	Silty	
93MOB1115	RUT930140	14	361063	6037516	Humus	4					H		
93MOB1116	RUT930143	14	349377	6054138	Till	40	B/C	A			T	Sandy	
93MOB1117	RUT930143	14	349377	6054138	Humus	4					H		
93MOB1118	RUT930145	14	343863	6057884	Diamicton	90	B/C	A	light grey	2.5Y 7/2	D	Sandy	
93MOB1119	RUT930145	14	343863	6057884	Humus	1					H		
93MOB1120	RUT930146	14	346376	6057140	Diamicton	140	B/C	A	very pale brown	10YR 7/3	D	Sandy	
93MOB1121	RUT930146	14	346376	6057140	Humus	2					H		
93MOB1122	RUT930148	14	345701	6053882	Till	55	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB1123	RUT930148	14	345701	6053882	Humus	2					H		
93MOB1124	RUT930153	14	382815	6050328	Till	20	B	A	light yellowish brown	10YR 6/4	T	Silty	
93MOB1125	RUT930153	14	382815	6050328	Humus	7					H		
93MOB1126	RUT930157	14	377783	6050380	Till	60	B/C	A	Reddish yellow	6/6 7.5YR	T	Sandy	
93MOB1127	RUT930157	14	377783	6050380	Humus	3					H		
93MOB1128	RUT930158	14	374915	6050719	Till	65	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB1129	RUT930158	14	374915	6050719	Humus	5					H		
93MOB1130	RUT930164	14	354682	6051974	Till	125	B/C	A	light grey	2.5Y 7/2	T	Silty	
93MOB1131	RUT930164	14	354682	6051974	Humus	12					H		
93MOB1132	RUT930168	14	348516	6052021	Till	45	B/C	A	Pinkish grey	7/2 7.5YR	T	Sandy	
93MOB1133	RUT930168	14	348516	6052021	Humus	8					H		
93MOB1134	RUT930171	14	360061	6056393	Till	55	B/C	A	light grey	10YR 7/2	T	Sandy	
93MOB1135	RUT930171	14	360061	6056393	Humus	2					H		
93MOB1136	RUT930173	14	361988	6059887	Till	55	B/C	A	light grey	2.5Y 7/2	T	Sandy	
93MOB1137	RUT930173	14	361988	6059887	Humus	8					H		
93MOB1138	RUT930175	14	357642	6058185	Till	55	B/C	A			T	Silty-sandy	
93MOB1139	RUT930175	14	357642	6058185	Humus	2					H		
93MOB1140	RUT930176	14	356776	6056154	Till	65	B/C	A	Strong brown	5/6 7.5YR	T	Sandy	
93MOB1141	RUT930176	14	356776	6056154	Humus	3					H		
93MOB1142	RUT930179	14	366436	6062653	Till	45	B/C	A			T	Sandy	
93MOB1143	RUT930179	14	366436	6062653	Humus	10					H		
93MOB1144	RUT930184	14	370223	6064596	Washed till	55	B/C	A	light yellowish brown	2.5Y 6/2	T	Sandy	
93MOB1145	RUT930184	14	370223	6064596	Humus	6					H		
93MOB1146	RUT930186	14	371776	6066649	Till	30	B/C	A			T	Silty-sandy	
93MOB1147	RUT930186	14	371776	6066649	Humus	3					H		
93MOB1148	RUT930191	14	432400	6025063	Till	30	B	A			T	Sandy - silty	
93MOB1149	RUT930191	14	432400	6025063	Humus	10					H		
93MOB1151	RUT930192	14	426341	6034987	Humus	15					H		
93MOB1152	RUT930193	14	432653	6047124	Diamicton	50	B/C	A			D	Sandy	
93MOB1153	RUT930193	14	432653	6047124	Humus	3					H		
93MOB1154	RUT930194	14	426036	6049054	Till	55	B/C	A			T	Silty	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93MOB1155	RUT930194	14	426036	6049054	Humus	12					H		
93MOB1156	RUT930195	14	414283	6043903	Till	60	B/C	A			T	Sandy - silty	
93MOB1157	RUT930195	14	414283	6043903	Humus	8					H		
93MOB1158	RUT930196	14	408060	6033130	Till	40	B/C	A			T	Silty	
93MOB1159	RUT930196	14	408060	6033130	Humus	1					H		
93MOB1160	RUT930197	14	415637	6025143	Till	75	B/C	A			T	Sandy - silty	
93MOB1161	RUT930197	14	415637	6025143	Humus	5					H		
93MOB1162	RUT930198	14	405331	6025544	Till	65	B/C	A			T	Silty	
93MOB1163	RUT930198	14	405331	6025544	Humus	8					H		
93MOB1164	RUT930199	14	393413	6019512	Till	65	B/C	A			T	Silty	
93MOB1165	RUT930199	14	393413	6019512	Humus	5					H		
93MOB1166	RUT930201	14	395679	6031035	Till	70	B/C	A			T	Sandy - silty	
93MOB1167	RUT930200	14	387375	6024958	Humus	3					H		
93MOB1168	RUT930201	14	395679	6031035	Humus	5					H		
93MOB1169	RUT930202	14	381828	6037599	Till	70	B/C	A			T	Sandy - silty	
93MOB1170	RUT930202	14	381828	6037599	Humus	8					H		
93MOB1171	RUT930203	14	373273	6048503	Till	50	B/C	A			T	Silty-sandy	
93MOB1172	RUT930203	14	373273	6048503	Humus	5					H		
93MOB1173	RUT930205	14	369301	6051172	Till	40	B/C	A			T	Sandy	
93MOB1174	RUT930205	14	369301	6051172	Humus	2					H		
93MOB1175	RUT930207	14	369246	6047354	Till	55	B/C	A			T	Sandy	
93MOB1176	RUT930207	14	369246	6047354	Humus	4					H		
93MOB1177	RUT930208	14	362584	6043229	Till	60	B/C	A			T	Sandy	
93MOB1178	RUT930208	14	362584	6043229	Humus	3					H		
93MOB1179	RUT930210	14	356007	6038092	Till	40	B/C	A			T	Sandy	
93MOB1180	RUT930210	14	356007	6038092	Humus	4					H		
93MOB1181	RUT930213	14	353568	6035875	Till	65	B/C	A			T	Sandy	
93MOB1182	RUT930213	14	353568	6035875	Humus	5					H		
93MOB1183	RUT930215	14	351173	6038114	Till	80	B/C	A			T	Sandy	
93MOB1184	RUT930215	14	351173	6038114	Humus	5					H		
93MOB1185	RUT930216	14	349909	6036407	Till	15	B/C	A			T	Silty-sandy	
93MOB1186	RUT930216	14	349909	6036407	Humus	3					H		
93NA001h		14	341665	6078471	Humus						H		
93NA002h		14	341386	6077382	Humus						H		
93NA003h		14	341382	6077029	Humus						H		
93NA004h		14	341418	6073979	Humus						H		
93NA005h		14	341098	6073611	Humus						H		
93NA006h		14	341137	6079664	Humus						H		
93NA007h		14	340832	6080051	Humus						H		
93NA008h		14	340677	6080401	Humus						H		
93NA009h		14	340652	6080792	Humus						H		
93NA010h		14	340468	6081290	Humus						H		
93NA011h		14	340843	6081380	Humus						H		
93NA012h		14	343204	6083512	Humus						H		
93NA013h		14	341669	6083226	Humus						H		
93NA014h		14	341705	6084105	Humus						H		
93NA015h		14	341761	6085187	Humus						H		
93NA016h		14	341779	6084668	Humus						H		
93NA017h		14	339674	6084782	Humus						H		
93NA018h		14	341996	6086206	Humus						H		
93NA019h		14	342847	6086582	Humus						H		
93NA020h		14	343360	6087876	Humus						H		
93NA021h		14	343242	6089281	Humus						H		
93NA022h		14	342874	6091210	Humus						H		
93NA023h		14	342859	6093626	Humus						H		
93NA024h		14	342460	6095097	Humus						H		
93NA025h		14	342808	6096432	Humus						H		
93NA026h		14	341151	6082137	Humus						H		
93NA027h		14	344261	6088109	Humus						H		
93NA028h		14	345082	6088929	Humus						H		
93NA029h		14	346235	6088923	Humus						H		

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA030h		14	346764	6088988	Humus						H		
93NA031h		14	347775	6089075	Humus						H		
93NA032h		14	348946	6088734	Humus						H		
93NA033h		14	349829	6088886	Humus						H		
93NA034h		14	350610	6089315	Humus						H		
93NA035h		14	351740	6089256	Humus						H		
93NA036h		14	353126	6089804	Humus						H		
93NA037h		14	353957	6090170	Humus						H		
93NA038h		14	355543	6090960	Humus						H		
93NA039h		14	356164	6091829	Humus						H		
93NA040h		14	356407	6092168	Humus						H		
93NA041h		14	356928	6093362	Humus						H		
93NA042h		14	357533	6094253	Humus						H		
93NA043h		14	357956	6094848	Humus						H		
93NA044h		14	358296	6094873	Humus						H		
93NA045h		14	358485	6094993	Humus						H		
93NA046h		14	360235	6096082	Humus						H		
93NA047h		14	360898	6096206	Humus						H		
93NA048h		14	362748	6096366	Humus						H		
93NA049h		14	345782	6090527	Humus						H		
93NA050h		14	340355	6096741	Humus						H		
93NA051h		14	340998	6096650	Humus						H		
93NA052h		14	340546	6092446	Humus						H		
93NA053h		14	342227	6084919	Humus						H		
93NA054h		14	341732	6081958	Humus						H		
93NA055h		14	356144	6089847	Humus						H		
93NA056h		14	343737	6096446	Humus						H		
93NA057h		14	345931	6096483	Humus						H		
93NA058h		14	346761	6096487	Humus						H		
93NA059h		14	345000	6096488	Humus						H		
93NA060h		14	360008	6094817	Humus						H		
93NA061h		14	361870	6094869	Humus						H		
93NA062h		14	361154	6094707	Humus						H		
93NA063h		14	341760	6080587	Humus						H		
93NA064h		14	342541	6080422	Humus						H		
93NA065h		14	343059	6080475	Humus						H		
93NA066h		14	343536	6080755	Humus						H		
93NA067h		14	341688	6078088	Humus						H		
93NA068h		14	342696	6074879	Humus						H		
93NA069h		14	356281	6094917	Humus						H		
93NA070h		14	356068	6093834	Humus						H		
93NA071h		14	344256	6080980	Humus						H		
93NA072h		14	344537	6081279	Humus						H		
93NA073h		14	344786	6081635	Humus						H		
93NA074h		14	344152	6081882	Humus						H		
93NA075h		14	344803	6082468	Humus						H		
93NA076h		14	344786	6082509	Humus						H		
93NA077h		14	345141	6082824	Humus						H		
93NA078h		14	345326	6083354	Humus						H		
93NA079h		14	345475	6083877	Humus						H		
93NA080h		14	346226	6083892	Humus						H		
93NA081h		14	347405	6083105	Humus						H		
93NA083h		14	347358	6081499	Humus						H		
93NA084h		14	347925	6080866	Humus						H		
93NA085h		14	349027	6080354	Humus						H		
93NA086h		14	350557	6086703	Humus						H		
93NA087h		14	352619	6086547	Humus						H		
93NA088h		14	351813	6086818	Humus						H		
93NA089h		14	349764	6085065	Humus						H		
93NA090h		14	350233	6085763	Humus						H		
93NA091h		14	350106	6087612	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA092h		14	342903	6079610	Humus						H		
93NA093h		14	344292	6079687	Humus						H		
93NA094h		14	352770	6088540	Humus						H		
93NA095h		14	353488	6088009	Humus						H		
93NA096h		14	355269	6088177	Humus						H		
93NA097h		14	356382	6088276	Humus						H		
93NA098h		14	357069	6087950	Humus						H		
93NA099h		14	357822	6088232	Humus						H		
93NA100h		14	359059	6088401	Humus						H		
93NA101h		14	360218	6089166	Humus						H		
93NA102h		14	360496	6089362	Humus						H		
93NA103h		14	360683	6089363	Humus						H		
93NA104h		14	344699	6079453	Humus						H		
93NA105h		14	346396	6080221	Humus						H		
93NA106h		14	348007	6079279	Humus						H		
93NA107h		14	350033	6079349	Humus						H		
93NA108h		14	350461	6081396	Humus						H		
93NA109h		14	351588	6082237	Humus						H		
93NA110h		14	353161	6085121	Humus						H		
93NA111h		14	352262	6084433	Humus						H		
93NA112h		14	352121	6083448	Humus						H		
93NA113h		14	351788	6082890	Humus						H		
93NA114h		14	351004	6083415	Humus						H		
93NA115h		14	350648	6082815	Humus						H		
93NA116h		14	349295	6081939	Humus						H		
93NA117h		14	358221	6093467	Humus						H		
93NA118h		14	359554	6092862	Humus						H		
93NA119h		14	360074	6092138	Humus						H		
93NA120h		14	359240	6092089	Humus						H		
93NA121h		14	358372	6092631	Humus						H		
93NA122h		14	359682	6093659	Humus						H		
93NA123h		14	341012	6095405	Humus						H		
93NA124h		14	340311	6095932	Humus						H		
93NA125h		14	340167	6094007	Humus						H		
93NA126h		14	341277	6093874	Humus						H		
93NA127h		14	353161	6095019	Humus						H		
93NA128h		14	352067	6094670	Humus						H		
93NA129h		14	351901	6096214	Humus						H		
93NA130h		14	350744	6096160	Humus						H		
93NA131h		14	348015	6094081	Humus						H		
93NA132h		14	346946	6093923	Humus						H		
93NA133h		14	345827	6094048	Humus						H		
93NA134h		14	360293	6090251	Humus						H		
93NA135h		14	361890	6090700	Humus						H		
93NA136h		14	361738	6089938	Humus						H		
93NA137h		14	361346	6089089	Humus						H		
93NA138h		14	365458	6094906	Humus						H		
93NA139h		14	364848	6094453	Humus						H		
93NA140h		14	363575	6093734	Humus						H		
93NA141h		14	362566	6094033	Humus						H		
93NA142h		14	361604	6093777	Humus						H		
93NA143h		14	363608	6092775	Humus						H		
93NA144h		14	364174	6092246	Humus						H		
93NA145h		14	364211	6093371	Humus						H		
93NA146h		14	365254	6093850	Humus						H		
93NA147h		14	365311	6093094	Humus						H		
93NA148h		14	366291	6093441	Humus						H		
93NA149h		14	345047	6075573	Humus						H		
93NA150h		14	346088	6075797	Humus						H		
93NA151h		14	346931	6075902	Humus						H		
93NA152h		14	346364	6076443	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA153h		14	344977	6076455	Humus						H		
93NA154h		14	344244	6076279	Humus						H		
93NA155h		14	342953	6073802	Humus						H		
93NA156h		14	343683	6074529	Humus						H		
93NA157h		14	344377	6074888	Humus						H		
93NA001		14	341665	6078471	Till						T		
93NA002		14	341386	6077382	Till						T		
93NA003		14	341382	6077029	Till						T		
93NA004		14	341418	6073979	Till						T		
93NA005		14	341098	6073611	Till						T		
93NA006		14	341137	6079664	Till						T		
93NA007		14	340832	6080051	Till						T		
93NA008		14	340677	6080401	Till						T		
93NA009		14	340652	6080792	Till						T		
93NA010		14	340468	6081290	Till						T		
93NA011		14	340843	6081380	Till						T		
93NA012		14	343204	6083512	Till						T		
93NA013		14	341669	6083226	Till						T		
93NA014		14	341705	6084105	Till						T		
93NA015		14	341761	6085187	Till						T		
93NA016		14	341779	6084668	Till						T		
93NA017		14	339674	6084782	Till						T		
93NA018		14	341996	6086206	Till						T		
93NA019		14	342847	6086582	Till						T		
93NA020		14	343360	6087876	Till						T		
93NA021		14	343242	6089281	Till						T		
93NA022		14	342874	6091210	Till						T		
93NA023		14	342859	6093626	Till						T		
93NA024		14	342460	6095097	Till						T		
93NA025		14	342808	6096432	Till						T		
93NA026		14	341151	6082137	Till						T		
93NA027		14	344261	6088109	Till						T		
93NA028		14	345082	6088929	Till						T		
93NA029		14	346235	6088923	Till						T		
93NA030		14	346764	6088988	Till						T		
93NA031		14	347775	6089075	Till						T		
93NA032		14	348946	6088734	Till						T		
93NA033		14	349829	6088886	Till						T		
93NA034		14	350610	6089315	Till						T		
93NA035		14	351740	6089256	Till						T		
93NA036		14	353126	6089804	Till						T		
93NA037		14	353957	6090170	Till						T		
93NA038		14	355543	6090960	Till						T		
93NA039		14	356164	6091829	Till						T		
93NA040		14	356407	6092168	Till						T		
93NA041		14	356928	6093362	Till						T		
93NA042		14	357533	6094253	Till						T		
93NA043		14	357956	6094848	Till						T		
93NA044		14	358296	6094873	Till						T		
93NA045		14	358485	6094993	Till						T		
93NA046		14	360235	6096082	Till						T		
93NA047		14	360898	6096206	Till						T		
93NA048		14	362748	6096366	Till						T		
93NA049		14	345782	6090527	Till						T		
93NA050		14	340355	6096741	Till						T		
93NA051		14	340998	6096650	Till						T		
93NA052		14	340546	6092446	Till						T		
93NA053		14	342227	6084919	Till						T		
93NA054		14	341732	6081958	Till						T		
93NA055		14	356144	6089847	Till						T		
93NA056		14	343737	6096446	Till						T		

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Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA057		14	345931	6096483	Till						T		
93NA058		14	346761	6096487	Till						T		
93NA059		14	345000	6096488	Till						T		
93NA060		14	360008	6094817	Till						T		
93NA061		14	361870	6094869	Till						T		
93NA062		14	361154	6094707	Till						T		
93NA063		14	341760	6080587	Till						T		
93NA064		14	342541	6080422	Till						T		
93NA065		14	343059	6080475	Till						T		
93NA066		14	343536	6080755	Till						T		
93NA067		14	341688	6078088	Till						T		
93NA068		14	342696	6074879	Till						T		
93NA069		14	356281	6094917	Till						T		
93NA070		14	356068	6093834	Till						T		
93NA071		14	344256	6080980	Till						T		
93NA072		14	344537	6081279	Till						T		
93NA073		14	344786	6081635	Till						T		
93NA074		14	344152	6081882	Till						T		
93NA075		14	344803	6082468	Till						T		
93NA076		14	344786	6082509	Till						T		
93NA077		14	345141	6082824	Till						T		
93NA078		14	345326	6083354	Till						T		
93NA079		14	345475	6083877	Till						T		
93NA080		14	346226	6083892	Till						T		
93NA081		14	347405	6083105	Till						T		
93NA082		14	347289	6082043	Till						T		
93NA083		14	347358	6081499	Till						T		
93NA084		14	347925	6080866	Till						T		
93NA085		14	349027	6080354	Till						T		
93NA086		14	350557	6086703	Till						T		
93NA087		14	352619	6086547	Till						T		
93NA088		14	351813	6086818	Till						T		
93NA089		14	349764	6085065	Till						T		
93NA090		14	350233	6085763	Till						T		
93NA091		14	350106	6087612	Till						T		
93NA092		14	342903	6079610	Till						T		
93NA093		14	344292	6079687	Till						T		
93NA094		14	352770	6088540	Till						T		
93NA095		14	353488	6088009	Till						T		
93NA096		14	355269	6088177	Till						T		
93NA097		14	356382	6088276	Till						T		
93NA098		14	357069	6087950	Till						T		
93NA099		14	357822	6088232	Till						T		
93NA100		14	359059	6088401	Till						T		
93NA100-010		14	359059	6088401	Till	10					T		1
93NA100-020		14	359059	6088401	Till	20					T		2
93NA100-030		14	359059	6088401	Till	30					T		3
93NA100-040		14	359059	6088401	Till	40					T		4
93NA100-050		14	359059	6088401	Till	50					T		5
93NA100-060		14	359059	6088401	Till	60					T		6
93NA100-070		14	359059	6088401	Till	70					T		7
93NA100-080		14	359059	6088401	Till	80					T		8
93NA100-090		14	359059	6088401	Till	90					T		9
93NA100-100		14	359059	6088401	Till	100					T		10
93NA100-110		14	359059	6088401	Till	110					T		11
93NA100-120		14	359059	6088401	Till	120					T		12
93NA100-130		14	359059	6088401	Till	130					T		13
93NA100-140		14	359059	6088401	Till	140					T		14
93NA100-150		14	359059	6088401	Till	150					T		15
93NA100-160		14	359059	6088401	Till	160					T		16
93NA100-170		14	359059	6088401	Till	170					T		17

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Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA100-180		14	359059	6088401	Till	180					T		18
93NA100-190		14	359059	6088401	Till	190					T		19
93NA100-200		14	359059	6088401	Till	200					T		20
93NA100-210		14	359059	6088401	Till	210					T		21
93NA101		14	360218	6089166	Till						T		
93NA102		14	360496	6089362	Till						T		
93NA103		14	360683	6089363	Till						T		
93NA103-010		14	360683	6089363	Till	10					T		1
93NA103-020		14	360683	6089363	Till	20					T		2
93NA103-030		14	360683	6089363	Till	30					T		3
93NA103-040		14	360683	6089363	Till	40					T		4
93NA103-050		14	360683	6089363	Till	50					T		5
93NA103-060		14	360683	6089363	Till	60					T		6
93NA103-070		14	360683	6089363	Till	70					T		7
93NA103-080		14	360683	6089363	Till	80					T		8
93NA103-090		14	360683	6089363	Till	90					T		9
93NA103-100		14	360683	6089363	Till	100					T		10
93NA103-110		14	360683	6089363	Till	110					T		11
93NA103-120		14	360683	6089363	Till	120					T		12
93NA103-130		14	360683	6089363	Till	130					T		13
93NA103-140		14	360683	6089363	Till	140					T		14
93NA103-150		14	360683	6089363	Till	150					T		15
93NA103-160		14	360683	6089363	Till	160					T		16
93NA103-170		14	360683	6089363	Till	170					T		17
93NA103-180		14	360683	6089363	Till	180					T		18
93NA103-190		14	360683	6089363	Till	190					T		19
93NA103-200		14	360683	6089363	Till	200					T		20
93NA104		14	344699	6079453	Till						T		
93NA105		14	346396	6080221	Till						T		
93NA106		14	348007	6079279	Till						T		
93NA107		14	350033	6079349	Till						T		
93NA108		14	350461	6081396	Till						T		
93NA109		14	351588	6082237	Till						T		
93NA110		14	353161	6085121	Till						T		
93NA111		14	352262	6084433	Till						T		
93NA112		14	352121	6083448	Till						T		
93NA113		14	351788	6082890	Till						T		
93NA114		14	351004	6083415	Till						T		
93NA115		14	350648	6082815	Till						T		
93NA116		14	349295	6081939	Till						T		
93NA117		14	358221	6093467	Till						T		
93NA118		14	359554	6092862	Till						T		
93NA119		14	360074	6092138	Till						T		
93NA120		14	359240	6092089	Till						T		
93NA121		14	358372	6092631	Till						T		
93NA122		14	359682	6093659	Till						T		
93NA123		14	341012	6095405	Till						T		
93NA124		14	340311	6095932	Till						T		
93NA125		14	340167	6094007	Till						T		
93NA126		14	341277	6093874	Till						T		
93NA127		14	353161	6095019	Till						T		
93NA128		14	352067	6094670	Till						T		
93NA129		14	351901	6096214	Till						T		
93NA130		14	350744	6096160	Till						T		
93NA131		14	348015	6094081	Till						T		
93NA132		14	346946	6093923	Till						T		
93NA133		14	345827	6094048	Till						T		
93NA134		14	360293	6090251	Till						T		
93NA135		14	361890	6090700	Till						T		
93NA136		14	361738	6089938	Till						T		
93NA137		14	361346	6089089	Till						T		

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
93NA138		14	365458	6094906	Till						T		
93NA139		14	364848	6094453	Till						T		
93NA140		14	363575	6093734	Till						T		
93NA141		14	362566	6094033	Till						T		
93NA142		14	361604	6093777	Till						T		
93NA143		14	363608	6092775	Till						T		
93NA144		14	364174	6092246	Till						T		
93NA145		14	364211	6093371	Till						T		
93NA146		14	365254	6093850	Till						T		
93NA147		14	365311	6093094	Till						T		
93NA148		14	366291	6093441	Till						T		
93NA149		14	345047	6075573	Till						T		
93NA150A		14	346088	6075797	Till						T		
93NA150B		14	346088	6075797	Till						T		
93NA151		14	346931	6075902	Till						T		
93NA152		14	346364	6076443	Till						T		
93NA153		14	344977	6076455	Till						T		
93NA154		14	344244	6076279	Till						T		
93NA155		14	342953	6073802	Till						T		
93NA156		14	343683	6074529	Till						T		
93NA157		14	344377	6074888	Till						T		
94FF001H		14	317464	6074607	Humus						H		
94FF002H		14	318220	6076547	Humus						H		
94FF003H		14	318400	6077186	Humus						H		
94FF004H		14	318226	6077621	Humus						H		
94FF005H		14	318070	6078196	Humus						H		
94FF006H		14	317766	6078860	Humus						H		
94FF007H		14	316925	6079392	Humus						H		
94FF008H		14	316328	6079439	Humus						H		
94FF009H		14	316086	6079928	Humus						H		
94FF010H		14	315701	6080387	Humus						H		
94FF011H		14	315281	6080972	Humus						H		
94FF012H		14	315529	6081241	Humus						H		
94FF013H		14	315788	6081833	Humus						H		
94FF014H		14	315774	6082487	Humus						H		
94FF015H		14	316068	6083227	Humus						H		
94FF016H		14	316545	6083547	Humus						H		
94FF017H		14	317170	6083742	Humus						H		
94FF018H		14	318858	6084271	Humus						H		
94FF019H		14	319140	6085815	Humus						H		
94FF020H		14	319922	6087006	Humus						H		
94FF021H		14	320639	6087098	Humus						H		
94FF022H		14	321402	6087328	Humus						H		
94FF023H		14	317937	6075495	Humus						H		
94FF024H		14	315874	6073880	Humus						H		
94FF025A		14	317877	6072592	Humus						H		
94FF025B		14	317877	6072592	Humus						H		
94FF026H		14	317427	6071251	Humus						H		
94FF027H		14	318217	6070648	Humus						H		
94FF028H		14	319796	6070616	Humus						H		
94FF029H		14	318876	6071651	Humus						H		
94FF030H		14	322125	6097616	Humus						H		
94FF031H		14	322980	6097247	Humus						H		
94FF032H		14	323982	6097298	Humus						H		
94FF033H		14	324712	6097345	Humus						H		
94FF034H		14	325212	6097736	Humus						H		
94FF035H		14	327134	6097391	Humus						H		
94FF036H		14	328479	6097629	Humus						H		
94FF037H		14	334876	6083081	Humus						H		
94FF038H		14	335860	6083168	Humus						H		
94FF039H		14	336787	6083134	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94FF040H		14	337819	6083816	Humus						H		
94FF041H		14	338911	6083904	Humus						H		
94FF042H		14	317104	6075434	Humus						H		
94FF043H		14	316573	6076613	Humus						H		
94FF044H		14	337198	6095061	Humus						H		
94FF045H		14	338288	6094944	Humus						H		
94FF046H		14	338158	6094224	Humus						H		
94FF047H		14	337197	6096301	Humus						H		
94FF048H		14	338861	6096468	Humus						H		
94FF049H		14	331716	6095894	Humus						H		
94FF050H		14	332548	6095299	Humus						H		
94FF051H		14	333884	6095258	Humus						H		
94FF052H		14	334514	6096222	Humus						H		
94FF053H		14	335933	6095694	Humus						H		
94FF054H		14	335042	6095223	Humus						H		
94FF055H		14	331095	6094045	Humus						H		
94FF056H		14	331605	6070924	Humus						H		
94FF057H		14	330698	6071657	Humus						H		
94FF058H		14	332759	6072563	Humus						H		
94FF059H		14	317774	6070671	Humus						H		
94FF060H		14	333096	6093630	Humus						H		
94FF061H		14	330669	6092950	Humus						H		
94FF062H		14	329358	6093328	Humus						H		
94FF063H		14	328544	6092406	Humus						H		
94FF064H		14	327085	6093152	Humus						H		
94FF065H		14	328175	6093743	Humus						H		
94FF066H		14	320999	6088258	Humus						H		
94FF067H		14	321208	6090668	Humus						H		
94FF068H		14	322375	6089090	Humus						H		
94FF069H		14	322403	6089431	Humus						H		
94FF070H		14	323690	6090186	Humus						H		
94FF071H		14	325564	6091136	Humus						H		
94FF072H		14	315755	6087673	Humus						H		
94FF073H		14	316564	6088129	Humus						H		
94FF074H		14	317456	6086695	Humus						H		
94FF075H		14	318475	6089226	Humus						H		
94FF076H		14	318040	6087978	Humus						H		
94FF077H		14	319639	6087780	Humus						H		
94FF078H		14	319206	6090692	Humus						H		
94FF079H		14	316946	6091338	Humus						H		
94FF080H		14	319109	6091579	Humus						H		
94FF081H		14	320603	6092147	Humus						H		
94FF082H		14	321643	6091787	Humus						H		
94FF083H		14	330966	6087231	Humus						H		
94FF084H		14	330307	6087043	Humus						H		
94FF085H		14	330807	6086256	Humus						H		
94FF086H		14	331738	6085989	Humus						H		
94FF087H		14	332422	6085452	Humus						H		
94FF088H		14	333709	6085060	Humus						H		
94FF089H		14	315705	6080921	Humus						H		
94FF090H		14	316451	6081054	Humus						H		
94FF091H		14	316986	6081323	Humus						H		
94FF092H		14	317640	6081497	Humus						H		
94FF093H		14	318925	6081736	Humus						H		
94FF094H		14	319632	6082069	Humus						H		
94FF095H		14	320684	6082350	Humus						H		
94FF096H		14	321929	6081820	Humus						H		
94FF097H		14	322569	6081733	Humus						H		
94FF098H		14	324095	6081920	Humus						H		
94FF099H		14	322331	6082660	Humus						H		
94FF100H		14	328530	6082416	Humus						H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94FF101H		14	327037	6082924	Humus						H		
94FF102H		14	326378	6079132	Humus						H		
94FF103H		14	325554	6079722	Humus						H		
94FF104H		14	324709	6080249	Humus						H		
94FF105H		14	316975	6080195	Humus						H		
94FF106H		14	318013	6080079	Humus						H		
94FF107H		14	319009	6079935	Humus						H		
94FF108H		14	320686	6079351	Humus						H		
94FF109H		14	321246	6078687	Humus						H		
94FF110H		14	321919	6077782	Humus						H		
94FF111H		14	321904	6076920	Humus						H		
94FF112H		14	321999	6075901	Humus						H		
94FF113H		14	321753	6074932	Humus						H		
94FF114H		14	321517	6074013	Humus						H		
94FF115H		14	320893	6074932	Humus						H		
94FF116H		14	320634	6075698	Humus						H		
94FF117H		14	319407	6077498	Humus						H		
94FF118H		14	318912	6078341	Humus						H		
94FF119H		14	320615	6073542	Humus						H		
94FF120H		14	319880	6073964	Humus						H		
94FF121H		14	319657	6072019	Humus						H		
94FF122H		14	323181	6076845	Humus						H		
94FF123H		14	323405	6076043	Humus						H		
94FF124H		14	323537	6075036	Humus						H		
94FF125H		14	323238	6073867	Humus						H		
94FF126H		14	323067	6072906	Humus						H		
94FF127H		14	322406	6071385	Humus						H		
94FF128H		14	323198	6070519	Humus						H		
94FF129H		14	321771	6071004	Humus						H		
94FF130H		14	320713	6072598	Humus						H		
94FF131H		14	336450	6088785	Humus						H		
94FF132H		14	337323	6088630	Humus						H		
94FF133H		14	338050	6088093	Humus						H		
94FF134H		14	338181	6086716	Humus						H		
94FF135H		14	338075	6085784	Humus						H		
94FF136B		14	338108	6084561	Humus						H		
94FF136H		14	338108	6084561	Humus						H		
94FF137H		14	334144	6086442	Humus						H		
94FF138H		14	335616	6087103	Humus						H		
94FF139H		14	335810	6084701	Humus						H		
94FF140H		14	331513	6078467	Humus						H		
94FF141H		14	332914	6079049	Humus						H		
94FF142H		14	333724	6080399	Humus						H		
94FF143H		14	335204	6081068	Humus						H		
94FF144H		14	337405	6082061	Humus						H		
94FF001		14	317464	6074607	Till						T		
94FF002		14	318220	6076547	Till						T		
94FF003		14	318400	6077186	Till						T		
94FF004		14	318226	6077621	Till						T		
94FF005		14	318070	6078196	Till						T		
94FF006		14	317766	6078860	Till						T		
94FF007		14	316925	6079392	Till						T		
94FF008		14	316328	6079439	Till						T		
94FF009		14	316086	6079928	Till						T		
94FF010		14	315701	6080387	Till						T		
94FF011A		14	315281	6080972	Till						T		1
94FF011B		14	315281	6080972	Till						T		2
94FF012		14	315529	6081241	Till						T		
94FF012-00.0		14	315529	6081241	Till	0					T		1
94FF012-00.5		14	315529	6081241	Till	50					T		2
94FF012-01.0		14	315529	6081241	Till	100					T		3

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94FF012-01.5		14	315529	6081241	Till	150					T		4
94FF012-02.0		14	315529	6081241	Till	200					T		5
94FF012-03.0		14	315529	6081241	Till	300					T		6
94FF012-03.5		14	315529	6081241	Till	350					T		7
94FF012-04.0		14	315529	6081241	Till	400					T		8
94FF012-04.5		14	315529	6081241	Till	450					T		9
94FF012-05.0		14	315529	6081241	Till	500					T		10
94FF012-05.5		14	315529	6081241	Till	550					T		11
94FF012-06.0		14	315529	6081241	Till	600					T		12
94FF012-06.5		14	315529	6081241	Till	650					T		13
94FF012-07.0		14	315529	6081241	Till	700					T		14
94FF012-07.5		14	315529	6081241	Till	750					T		15
94FF012-08.0		14	315529	6081241	Till	800					T		16
94FF012-08.5		14	315529	6081241	Till	850					T		17
94FF012-09.0		14	315529	6081241	Till	900					T		18
94FF012-09.5		14	315529	6081241	Till	950					T		19
94FF012-10.0		14	315529	6081241	Till	1000					T		20
94FF013		14	315788	6081833	Till						T		
94FF014		14	315774	6082487	Till						T		
94FF015		14	316068	6083227	Till						T		
94FF016		14	316545	6083547	Till						T		
94FF017		14	317170	6083742	Till						T		
94FF018		14	318858	6084271	Till						T		
94FF019		14	319140	6085815	Till						T		
94FF019-00.1		14	319140	6085815	Till	10					T		1
94FF019-00.2		14	319140	6085815	Till	20					T		2
94FF019-00.3		14	319140	6085815	Till	30					T		3
94FF019-00.4		14	319140	6085815	Till	40					T		4
94FF019-00.5		14	319140	6085815	Till	50					T		5
94FF019-00.6		14	319140	6085815	Till	60					T		6
94FF019-00.7		14	319140	6085815	Till	70					T		7
94FF019-00.8		14	319140	6085815	Till	80					T		8
94FF019-00.9		14	319140	6085815	Till	90					T		9
94FF019-01.0		14	319140	6085815	Till	100					T		10
94FF019-01.1		14	319140	6085815	Till	110					T		11
94FF019-01.2		14	319140	6085815	Till	120					T		12
94FF019-01.3		14	319140	6085815	Till	130					T		13
94FF019-01.4		14	319140	6085815	Till	140					T		14
94FF019-01.5		14	319140	6085815	Till	150					T		15
94FF019-01.6		14	319140	6085815	Till	160					T		16
94FF019-01.7		14	319140	6085815	Till	170					T		17
94FF019-01.8		14	319140	6085815	Till	180					T		18
94FF019-01.9		14	319140	6085815	Till	190					T		19
94FF019-02.0		14	319140	6085815	Till	200					T		20
94FF020		14	319922	6087006	Till						T		
94FF021		14	320639	6087098	Till						T		
94FF022		14	321402	6087328	Till						T		
94FF023		14	317937	6075495	Till						T		
94FF024		14	315874	6073880	Till						T		
94FF025A		14	317877	6072592	Till						T		1
94FF025B		14	317877	6072592	Till						T		2
94FF026		14	317427	6071251	Till						T		
94FF027		14	318217	6070648	Till						T		
94FF028		14	319796	6070616	Till						T		
94FF029		14	318876	6071651	Till						T		
94FF030		14	322125	6097616	Till						T		
94FF031		14	322980	6097247	Till						T		
94FF032		14	323982	6097298	Till						T		
94FF033		14	324712	6097345	Till						T		
94FF034		14	325212	6097736	Till						T		
94FF035		14	327134	6097391	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94FF036		14	328479	6097629	Till						T		
94FF037		14	334876	6083081	Till						T		
94FF038		14	335860	6083168	Till						T		
94FF039		14	336787	6083134	Till						T		
94FF040		14	337819	6083816	Till						T		
94FF041		14	338911	6083904	Till						T		
94FF042		14	317104	6075434	Till						T		
94FF043		14	316573	6076613	Till						T		
94FF044		14	337198	6095061	Till						T		
94FF045		14	338288	6094944	Till						T		
94FF046		14	338158	6094224	Till						T		
94FF047		14	337197	6096301	Till						T		
94FF048		14	338861	6096468	Till						T		
94FF049		14	331716	6095894	Till						T		
94FF050		14	332548	6095299	Till						T		
94FF051		14	333884	6095258	Till						T		
94FF052		14	334514	6096222	Till						T		
94FF053		14	335933	6095694	Till						T		
94FF054		14	335042	6095223	Till						T		
94FF055		14	331095	6094045	Till						T		
94FF056		14	331605	6070924	Till						T		
94FF057		14	330698	6071657	Till						T		
94FF058		14	332759	6072563	Till						T		
94FF059		14	317774	6070671	Till						T		
94FF060		14	333096	6093630	Till						T		
94FF061		14	330669	6092950	Till						T		
94FF062		14	329358	6093328	Till						T		
94FF063		14	328544	6092406	Till						T		
94FF064		14	327085	6093152	Till						T		
94FF065		14	328175	6093743	Till						T		
94FF066		14	320999	6088258	Till						T		
94FF067		14	321208	6090668	Till						T		
94FF068		14	322375	6089090	Till						T		
94FF069		14	322403	6089431	Till						T		
94FF070		14	323690	6090186	Till						T		
94FF071		14	325564	6091136	Till						T		
94FF072		14	315755	6087673	Till						T		
94FF073		14	316564	6088129	Till						T		
94FF074		14	317456	6086695	Till						T		
94FF075		14	318475	6089226	Till						T		
94FF076		14	318040	6087978	Till						T		
94FF077		14	319639	6087780	Till						T		
94FF078		14	319206	6090692	Till						T		
94FF079		14	316946	6091338	Till						T		
94FF080		14	319109	6091579	Till						T		
94FF081		14	320603	6092147	Till						T		
94FF082		14	321643	6091787	Till						T		
94FF083		14	330966	6087231	Till						T		
94FF084		14	330307	6087043	Till						T		
94FF085		14	330807	6086256	Till						T		
94FF086		14	331738	6085989	Till						T		
94FF087		14	332422	6085452	Till						T		
94FF088		14	333709	6085060	Till						T		
94FF089		14	315705	6080921	Till						T		
94FF090		14	316451	6081054	Till						T		
94FF091		14	316986	6081323	Till						T		
94FF092		14	317640	6081497	Till						T		
94FF093		14	318925	6081736	Till						T		
94FF094		14	319632	6082069	Till						T		
94FF095		14	320684	6082350	Till						T		
94FF096		14	321929	6081820	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94FF097		14	322569	6081733	Till						T		
94FF098		14	324095	6081920	Till						T		
94FF099		14	322331	6082660	Till						T		
94FF100		14	328530	6082416	Till						T		
94FF101		14	327037	6082924	Till						T		
94FF102		14	326378	6079132	Till						T		
94FF103A		14	325554	6079722	Till						T		1
94FF103B		14	325554	6079722	Till						T		2
94FF104		14	324709	6080249	Till						T		
94FF105		14	316975	6080195	Till						T		
94FF106		14	318013	6080079	Till						T		
94FF107		14	319009	6079935	Till						T		
94FF108		14	320686	6079351	Till						T		
94FF109		14	321246	6078687	Till						T		
94FF110		14	321919	6077782	Till						T		
94FF111		14	321904	6076920	Till						T		
94FF112		14	321999	6075901	Till						T		
94FF113		14	321753	6074932	Till						T		
94FF114		14	321517	6074013	Till						T		
94FF115		14	320893	6074932	Till						T		
94FF116		14	320634	6075698	Till						T		
94FF117		14	319407	6077498	Till						T		
94FF118		14	318912	6078341	Till						T		
94FF119		14	320615	6073542	Till						T		
94FF120		14	319880	6073964	Till						T		
94FF121		14	319657	6072019	Till						T		
94FF122		14	323181	6076845	Till						T		
94FF123		14	323405	6076043	Till						T		
94FF124		14	323537	6075036	Till						T		
94FF125		14	323238	6073867	Till						T		
94FF126		14	323067	6072906	Till						T		
94FF127		14	322406	6071385	Till						T		
94FF128		14	323198	6070519	Till						T		
94FF129		14	321771	6071004	Till						T		
94FF130		14	320713	6072598	Till						T		
94FF131		14	336450	6088785	Till						T		
94FF132		14	337323	6088630	Till						T		
94FF133		14	338050	6088093	Till						T		
94FF134		14	338181	6086716	Till						T		
94FF135		14	338075	6085784	Till						T		
94FF136		14	338108	6084561	Till						T		
94FF137		14	334144	6086442	Till						T		
94FF138		14	335616	6087103	Till						T		
94FF139		14	335810	6084701	Till						T		
94FF140		14	331513	6078467	Till						T		
94FF141		14	332914	6079049	Till						T		
94FF142		14	333724	6080399	Till						T		
94FF143		14	335204	6081068	Till						T		
94FF144		14	337405	6082061	Till						T		
94HJB0001	PJH940001	13	685500	6047000	Humus						H		0
94HJB0002	PJH940001	13	685500	6047000	Till	15	A1		red brwn	10YR 4/4	T		1
94HJB0003	PJH940001	13	685500	6047000	B Till	30	B		reddish brwn	5YR 4/3	T		2
94HJB0004	PJH940001	13	685500	6047000	C Till	50	C		dk yellow brwn	10YR 4/4	T		3
94HJB0005	PJH940001	13	685500	6047000	Lower C till	85	C		yellow brwn	10YR 5/4	T		4
94HJB0006	PJH940001	13	685500	6047000	Rock	N/A	N/A		N/A	N/A	R		
94HJB0007	PJH940004	14	312106	6079750	Humus						H		
94HJB0008	PJH940004	14	312106	6079750	Silty diamicton	40	C		olive brwn	2.5Y 4/4	T		
94HJB0009	PJH940008	14	313800	6045800	Humus						H		
94HJB0010	PJH940008	14	313800	6045800	Diamicton	60	C		olive grey	5Y 4/2	T		
94HJB0011	PJH940010	14	312846	6047503	Humus						H		
94HJB0012	PJH940010	14	312846	6047503	Diamicton	60	C		olive	5Y 4/3	T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94HJB0013	PJH940013	14	308985	6045900	Humus						H		
94HJB0014	PJH940013	14	308985	6045900	Diamicton	100	C		lt olive brwn	2.5Y 5/4	T		
94HJB0015	PJH940014	14	307100	6045014	Humus						H		
94HJB0016	PJH940014	14	307100	6045014	Diamicton	60	C		olive brwn	2.5Y 4/4	T		
94HJB0017	PJH940015	14	308351	6055125	Humus						H		0
94HJB0018	PJH940015	14	308351	6055125	Silty diamicton	35	C		greyish brwn	2.5Y 5/2	T		1
94HJB0019	PJH940015	14	308351	6055125	Silty diamicton	80	C		olive brwn	2.5Y 4/4	T		2
94HJB0020	PJH940016	14	307806	6057029	Humus						H		
94HJB0021	PJH940016	14	307806	6057029	Diamicton	60	C		olive brwn	2.5Y 4/4	T		
94HJB0022	PJH940017	14	312625	6065616	Humus						H		
94HJB0023	PJH940017	14	312625	6065616	Silty diamicton	75	C		olive	5Y 4/3	T		
94HJB0024	PJH940018	13	686375	6044225	Silty diamicton	115	C		yellow brwn	10YR 5/4	T		5
94HJB0025	PJH940018	13	686375	6044225	Silty sand diamicton	80	C		olive brwn	2.5Y 4/4	T		4
94HJB0026	PJH940018	13	686375	6044225	Silty sand diamicton	60	B/C		olive	5Y 4/3	T		3
94HJB0027	PJH940018	13	686375	6044225	Silty sand diamicton	35	B/C		olive	5Y 4/3	T		2
94HJB0028	PJH940018	13	686375	6044225	Silty sand diamicton	15	B/C		olive	5Y 4/3	T		1
94HJB0029	PJH940018	13	686375	6044225	Humus						H		0
94HJB0030	PJH940018	13	686375	6044225	Diamicton	150	C		olive	5Y 4/3	T		6
94HJB0031	PJH940019	13	685600	6044950	Silty diamicton	65	C		olive	5Y 4/3	T		1
94HJB0032A	PJH940019	13	685600	6044950	Silty sand diamicton	170	C		olive brwn	2.5Y 4/4	T		4
94HJB0032B	PJH940019	13	685600	6044950	Silty sand diamicton	170	C		olive brwn	2.5Y 4/4	T		4
94HJB0033	PJH940019	13	685600	6044950	Silty diamicton	135	C		olive	5Y 4/3	T		3
94HJB0034	PJH940019	13	685600	6044950	Silty sand diamicton	65	C		olive brwn	2.5Y 4/4	T		1
94HJB0035	PJH940019	13	685600	6044950	Silty sand diamicton	85	C		olive brwn	2.5Y 4/4	T		2
94HJB0036	PJH940020	13	685250	6049400	Silty sand diamicton	190	C		olive grey	5Y 4/2	T		
94HJB0037	PJH940021	13	685600	6053350	Silty diamicton	75	C		olive	5Y 5/3	T		
94HJB0038	PJH940022	14	310250	6059425	Humus						H		
94HJB0039	PJH940022	14	310250	6059425	Diamicton	55	C		lt olive brwn	2.5Y 5/6	T		
94HJB0040	PJH940023	14	309000	6059300	Humus						H		
94HJB0041	PJH940023	14	309000	6059300	Diamicton	55	C		olive grey	5Y 4/3	T		
94HJB0042	PJH940025	14	308650	6056275	Humus						H		0
94HJB0043	PJH940025	14	308650	6056275	Silty diamicton	35	C		olive	5Y 5/3	T		2
94HJB0044	PJH940025	14	308650	6056275	Silty diamicton	55	C		olive	5Y 4/3	T		3
94HJB0045	PJH940025	14	308650	6056275	Silty sand diamicton	25	B		olive brwn	2.5Y 4/4	T		1
94HJB0046	PJH940029	13	662125	6079375	Well sorted f. gr. sand	100	C		N/A	N/A	GF		
94HJB0047	PJH940030	13	659585	6078951	Well sorted f. gr. sand	100	C		N/A	N/A	GF		
94HJB0048	PJH940031	13	683150	6082700	Fine grained sand	100	C		N/A	N/A	GF		
94HJB0049	PJH940032	13	691470	6072550	Humus						H		
94HJB0050	PJH940032	13	691470	6072550	Diamicton	80	C		lt olive brwn	2.5Y 5/4	T		
94HJB0051	PJH940038	14	311670	6081425	Diamicton	40	C		lt olive brwn	2.5Y 5/4	T		
94HJB0052	PJH940039	14	311100	6080650	Diamicton	25	A1		yellow brwn	10YR 5/4	T		1
94HJB0053	PJH940039	14	311100	6080650	Diamicton	50	B		yellow brwn	10YR 4/4	T		2
94HJB0054	PJH940039	14	311100	6080650	Silty sand diamicton	90	C		olive	5Y 4/4	T		3
94HJB0055	PJH940039	14	311100	6080650	Silty sand diamicton	130	C		olive	5Y 4/4	T		4
94HJB0056	PJH940039	14	311100	6080650	Silty sand diamicton	165	C		olive	5Y 4/4	T		5
94HJB0057	PJH940039	14	311100	6080650	Silty sand diamicton	260	C		olive	5Y 4/4	T		6
94HJB0058	PJH940040	14	311470	6080450	Silty diamicton	290	C		olive grey	5Y 4/2	T		2
94HJB0059	PJH940040	14	311470	6080450	Silty sand diamicton	120	C		olive	5Y 4/3	T		1
94HJB0060A	PJH940041	14	307550	6054500	Silty sand diamicton	200	C		olive	5Y 4/3	T		2
94HJB0060B	PJH940041	14	307550	6054500	Silty sand diamicton	150	C		olive	5Y 4/3	FT		1
94HJB0061	PJH940042	14	307775	6055200	Silty sand diamicton	60	C		olive brwn	2.5Y 4/4	FT		1
94HJB0062	PJH940042	14	307775	6055200	Silty sand diamicton	120	C		olive	5Y 4/3	FT		2
94HJB0063	PJH940042	14	307775	6055200	Silty diamicton	200	C		olive	5Y 4/3	FT		3
94HJB0064	PJH940043	14	307100	6053850	Silty sand diamicton	250	C		olive	5Y 4/3	T		2
94HJB0065	PJH940043	14	307100	6053850	Silty sand diamicton	110	C		olive brwn	2.5Y 4/4	T		1
94HJB0066	PJH940044	14	306550	6053025	Silty diamicton	240	C		olive	5Y 4/3	T		
94HJB0067	PJH940045	13	693500	6053125	Silty diamicton	165	C		olive	5Y 4/3	FT		
94HJB0069	PJH940046	14	306275	6053700	Silty sand diamicton	140	C		olive	5Y 4/3	FT		
94JEC0001	JEC940001	13	630025	6117425	Till	80	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94JEC0002	JEC940001	13	630025	6117425	Humus	7					H		
94JEC0003	JEC940004	13	629020	6119415	Till	60	C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94JEC0004	JEC940004	13	629020	6119415	Humus	5					H		
94JEC0005	JEC940006	13	627500	6115910	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0006	JEC940006	13	627500	6115910	Humus	9					H		
94JEC0007	JEC940008	13	628615	6114125	Till	50	C	A	light grey	2.5Y 7/2	T	Sandy	
94JEC0008	JEC940008	13	628615	6114125	Humus	12					H		
94JEC0009	JEC940009	13	630460	6115715	Till	70	B	A	pale yellow	2.5Y 7/4	T	Sandy	
94JEC0010	JEC940009	13	630460	6115715	Humus	4					H		
94JEC0011	JEC940010	13	627625	6110150	Till	75	B	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0012	JEC940010	13	627625	6110150	Humus	5					H		
94JEC0013	JEC940011	13	627810	6107325	Till	50	B/C	A	pale yellow	2.5Y 8/3	T	Silty-sandy	
94JEC0014	JEC940011	13	627810	6107325	Humus	15					H		
94JEC0015	JEC940013	13	630175	6110525	Till	50	C	C	pale yellow	2.5Y 7/4	T	Silty-sandy	
94JEC0016	JEC940013	13	630175	6110525	Humus	3					H		
94JEC0017	JEC940014	13	631985	6112420	Till	60	C	C	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0018	JEC940014	13	631985	6112420	Humus	5					H		
94JEC0019	JEC940015	13	639710	6113200	Till	80	C	C	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0020	JEC940015	13	639710	6113200	Humus	10					H		
94JEC0021	JEC940016	13	640960	6116365	Till	65	C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0022	JEC940016	13	640960	6116365	Humus	10					H		
94JEC0023	JEC940017	13	638875	6117080	Till	90	C	B	light grey	2.5Y 7/2	T	Silty-sandy	2
94JEC0024	JEC940017	13	638875	6117080	Diamicton	35	C	A	light grey	2.5Y 7/2	T	Silty-sandy	1
94JEC0025	JEC940017	13	638875	6117080	Humus	5					H		0
94JEC0026	JEC940017	13	638875	6117080	Diamicton	30	C	A			D	Silty-sandy	1
94JEC0027	JEC940018	13	638220	6119060	Till	85	C	C	light olive brown	2.5Y 5/3	T	Silty-sandy	
94JEC0028	JEC940018	13	638220	6119060	Humus	10					H		
94JEC0029	JEC940019	13	636000	6118910	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0030	JEC940019	13	636000	6118910	Humus	11					H		
94JEC0031	JEC940021	13	637710	6116045	Till	50	C	A	pale olive	5Y 6/4	T	Silty-sandy	
94JEC0032	JEC940021	13	637710	6116045	Humus	5					H		
94JEC0033	JEC940022	13	641150	6111325	Till	50	B/C	A	pale yellow	2.5Y 7/4	T	Silty-sandy	
94JEC0034	JEC940022	13	641150	6111325	Humus	12					H		
94JEC0035	JEC940025	13	643850	6108310	Till	80	C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0036	JEC940025	13	643850	6108310	Humus	8					H		
94JEC0037	JEC940027	13	645110	6105885	Till	85	C	A			T	Silty-sandy	
94JEC0038	JEC940027	13	645110	6105885	Humus	10					H		
94JEC0039	JEC940028	13	641125	6106920	Till	80	C	A	light grey	2.5Y 7/2	T	Silty-sandy	
94JEC0040	JEC940028	13	641125	6106920	Humus	10					H		
94JEC0041	JEC940029	13	639000	6109250	Till	75	C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94JEC0042	JEC940029	13	639000	6109250	Humus	11					H		
94JEC0043	JEC940030	13	641750	6101330	Till	50	C	B	light yellowish brown	2.5Y 6/3	T	Silty-sandy	
94JEC0044	JEC940030	13	641750	6101330	Humus	7					H		
94JEC0045	JEC940032	13	641400	6104125	Till	60	B/C	A	light yellowish brown	2.5Y 6/2	T	Silty-sandy	
94JEC0046	JEC940032	13	641400	6104125	Humus	5					H		
94JEC0047	JEC940033	13	646275	6103850	Till	50	B/C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0048	JEC940033	13	646275	6103850	Humus	3					H		
94JEC0049	JEC940034	13	647900	6101460	Till	70	C	A	light yellowish brown	2.5Y 6/3	T	Silty-sandy	
94JEC0050	JEC940034	13	647900	6101460	Humus	5					H		
94JEC0051	JEC940035	13	648010	6100020	Till	65	C	A	pale yellow	2.5Y 7/3	T	Sandy	
94JEC0052	JEC940035	13	648010	6100020	Humus	4					H		
94JEC0053	JEC940036	13	645675	6101200	Till	70	C	A	pale yellow	2.5Y 7/4	T	Silty-sandy	
94JEC0054	JEC940036	13	645675	6101200	Humus	7					H		
94JEC0055	JEC940037	13	646390	6098900	Till	45	C	A	pale yellow	2.5Y 7/3	T	Silty-sandy	
94JEC0056	JEC940037	13	646390	6098900	Humus	8					H		
94JEC0057	JEC940039	13	644650	6099100	Till	80	C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94JEC0058	JEC940039	13	644650	6099100	Humus	9					H		
94JEC0059	JEC940040	13	644960	6096260	Till	60	B	A	pale yellow	2.5Y 7/4	T	Silty-sandy	
94JEC0060	JEC940040	13	644960	6096260	Humus	7					H		
94JEC0061	JEC940041	14	389160	6030267	Till	50	C	A	pale yellow	2.5Y 7/3	T	Silty	
94JEC0062	JEC940041	14	389160	6030267	Humus	7					H		
94JEC0063	JEC940042	14	319604	6028863	Till	55	C	A	pale yellow	2.5Y 7/3	T	Silty	
94JEC0064	JEC940042	14	319604	6028863	Humus	15					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94JEC0065	JEC940043	14	305566	6016099	Till	65	B/C	B	pale yellow	2.5Y 7/3	T	Silty	2
94JEC0066	JEC940043	14	305566	6016099	Humus	11					H		0
94JEC0067	JEC940043	14	305566	6016099	Diamicton	40	B	A	brown	10YR 4/3	D	Clayey	1
94JEC0068	JEC940044	14	305075	6011354	Till	75	C	A	pale brown	10YR 6/3	T	Silty	
94JEC0069	JEC940044	14	305075	6011354	Humus	10					H		
94JEC0070	JEC940045	14	318100	6004703	Till	75	C	A	light brownish grey	2.5Y 6/2	T	Silty	
94JEC0071	JEC940045	14	318100	6004703	Humus	10					H		
94JEC0072	JEC940046	14	324250	6000300	Till	70	C	A	greyish brown	2.5Y 5/2	T	Clayey-silt	
94JEC0073	JEC940046	14	324250	6000300	Humus	15					H		
94JEC0074	JEC940048	14	322750	5992150	Till	70	C	A	pale yellow	2.5Y 7/3	T	Silty	
94JEC0075	JEC940048	14	322750	5992150	Humus	4					H		
94JEC0076	JEC940049	14	305595	5989606	Till	105	B	C	light yellowish brown	2.5Y 6/3	T	Sandy-silt-stony	
94JEC0077	JEC940049	14	305595	5989606	Diamicton	70	B	B	light olive brown	2.5Y 5/3	D	Clay-silt	
94JEC0078	JEC940049	14	305595	5989606	Humus	6					H		
94JEC0079	JEC940050	13	695260	5999576	Till	75	B	C	pale yellow	2.5Y 7/3	T	Sandy-silt	2
94JEC0080	JEC940050	13	695260	5999576	Organic	20	Ah	B			O		1
94JEC0081	JEC940050	13	695260	5999576	Humus	6					H		0
94JEC0082	JEC940051	13	683482	5997608	Till	75	C	A	pale yellow	2.5Y 7/4	T	Sandy-silt	
94JEC0083	JEC940051	13	683482	5997608	Humus	10					H		
94JEC0084	JEC940052	13	673443	6009689	Diamicton	80	C	A	light olive brown	2.5Y 5/3	D	Clay-silt	
94JEC0085	JEC940052	13	673443	6009689	Humus	4					H		
94JEC0086	JEC940053	13	685366	6029712	Till	100	C	B	pale yellow	2.5Y 7/4	T	Sandy-silt	
94JEC0087	JEC940053	13	685366	6029712	Humus	15					H		
94JEC0088	JEC940054	13	668563	6033331	Till	50	B/C	A	light yellowish brown	2.5Y 6/3	T		
94JEC0089	JEC940054	13	668563	6033331	Humus	5					H		
94JEC0090	JEC940055	13	649568	6016709	Till	85	C	B	pale yellow	2.5Y 7/3	T	Sandy-silt	
94JEC0091	JEC940055	13	649568	6016709	Humus	5					H		
94JEC0092	JEC940056	13	657675	6009927	Till	60	C	A	pale yellow	2.5Y 7/4	T	Sandy-silt	
94JEC0093	JEC940056	13	657675	6009927	Humus	12					H		
94JEC0094	JEC940057	13	665332	5988973	Humus	6					H		
94JEC0095	JEC940058	13	663407	5998092	Till	60	B/C	A	light yellowish brown	2.5Y 6/3	T	Silty-bouldery	
94JEC0096	JEC940058	13	663407	5998092	Humus	3					H		
94JEC0097	JEC940059	13	654063	6031582	Till	60	C	A	light grey	2.5Y 7/2	T	Silty	
94JEC0098	JEC940059	13	654063	6031582	Humus	8					H		
94JEC0099	JEC940060	13	639291	6030860	Till	60	C	A	light grey	2.5Y 7/2	T	Silty	
94JEC0100	JEC940060	13	639291	6030860	Humus	8					H		
94JEC0101	JEC940061	13	635330	6025081	Till	50	C	A	pale yellow	2.5Y 7/3	T	Silty	
94JEC0102	JEC940061	13	635330	6025081	Humus	8					H		
94JEC0103	JEC940062	13	632263	6019920	Till	70	C	A	pale yellow	2.5Y 7/3	T	Sandy-silt	
94JEC0104	JEC940062	13	632263	6019920	Humus	10					H		
94JEC0105	JEC940063	13	643994	6006849	Till	100	C	C	light brownish grey	2.5Y 6/3	T	Sandy-silt	
94JEC0106	JEC940063	13	643994	6006849	Humus	7					H		
94JEC0107	JEC940064	13	649912	5995531	Till	90	C	B	pale yellow	2.5Y 7/3	T		
94JEC0108	JEC940064	13	649912	5995531	Humus	10					H		
94JEC0109	JEC940065	13	679205	6031137	Till	90	C	A	pale yellow	2.5Y 7/3	T	Silty	
94JEC0110	JEC940065	13	679205	6031137	Humus	8					H		
94MOB0003	MOB940001	14	346364	6044034	Till	110	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	11
94MOB0004	MOB940001	14	346364	6044034	Till	100	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	10
94MOB0005	MOB940001	14	346364	6044034	Till	90	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	9
94MOB0006	MOB940001	14	346364	6044034	Till	80	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	8
94MOB0007	MOB940001	14	346364	6044034	Till	70	B/C	A	light brownish grey	10YR 6/2	T	Sandy	7
94MOB0008	MOB940001	14	346364	6044034	Till	60	B/C	A	light brownish grey	10YR 6/2	T	Sandy	6
94MOB0009	MOB940001	14	346364	6044034	Till	50	B/C	A	light brownish grey	10YR 6/2	T	Sandy	5
94MOB0010	MOB940001	14	346364	6044034	Till	40	B/C	A	pale brown	10YR 6/3	T	Sandy	4
94MOB0011	MOB940001	14	346364	6044034	Till	30	B	A	Yellowish brown	10YR 5/4	T	Sandy	3
94MOB0012	MOB940001	14	346364	6044034	Till	20	A	A	Yellowish brown	10YR 5/4	T	Sandy	2
94MOB0013	MOB940001	14	346364	6044034	Till	10	A	A	greyish brown	2.5Y 5/2	T	Sandy	1
94MOB0014	MOB940002	14	346376	6057140	Till	60	B/C	B	light grey	10YR 7/2	T	Sandy	1
94MOB0015	MOB940002	14	346376	6057140	Oxidized till	100	B/C	B	light grey	2.5Y 7/2	T	Sandy	2
94MOB0016	MOB940002	14	346376	6057140	Till	120	B/C	B	light grey	10YR 7/2	T	Sandy	3
94MOB0017	MOB940002	14	346376	6057140	Till	140	B/C	B	light grey	10YR 7/2	T	Sandy	4

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0018	MOB940005	14	341700	6058450	Till	35	B/C	A	pale yellow	5Y 8/2	T	Silty	1
94MOB0019	MOB940005	14	341700	6058450	Till	150	B/C	C	light yellowish brown	2.5Y 6/3	T	Sandy	2
94MOB0020	MOB940005	14	341700	6058450	Humus	15					H		0
94MOB0021	MOB940006	14	329435	6062695	Till	45	B/C	A	light grey	2.5Y 7/2	T	sandy-silty	
94MOB0022	MOB940006	14	329435	6062695	Humus	12					H		
94MOB0023	MOB940009	14	327902	6053304	Till	60	B/C	A	pale yellow	2.5 7/3	T	sandy-silty	
94MOB0024	MOB940009	14	327902	6053304	Humus	8					H		
94MOB0025	MOB940011	14	330266	6055471	Till	80	B/C	A	pale yellow	5Y 7/3	T	Silty	
94MOB0026	MOB940011	14	330266	6055471	Humus	14					H		
94MOB0027	MOB940013	14	331190	6057398	Till	60	B/C	A	light grey	2.5Y 7/2	T	Silty	
94MOB0028	MOB940013	14	331190	6057398	Humus	12					H		
94MOB0029	MOB940014	14	329543	6057665	Till	80	B	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0030	MOB940014	14	329543	6057665	Humus	8					H		
94MOB0031	MOB940017	14	329505	6060160	Till	60	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0032	MOB940017	14	329505	6060160	Humus	11					H		
94MOB0033	MOB940018	14	321482	6055495	Till	70	B/C	A	light grey	5Y 7/2	T	Sandy	
94MOB0034	MOB940018	14	321482	6055495	Humus	15					H		
94MOB0035	MOB940019	14	322829	6056896	Till	90	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0036	MOB940019	14	322829	6056896	Humus	7					H		
94MOB0037	MOB940020	14	324080	6059044	Till	60	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0038	MOB940020	14	324080	6059044	Humus	8					H		
94MOB0039	MOB940022	14	325814	6060277	Till	70	B/C	A	pale yellow	5Y 7/3	T	Sandy	
94MOB0040	MOB940022	14	325814	6060277	Humus	7					H		
94MOB0041	MOB940023	14	322960	6001967	Till	50	B/C	A	light grey	5Y 7/2	T	Sandy	
94MOB0042	MOB940023	14	322960	6001967	Humus	10					H		
94MOB0043	MOB940027	14	325254	6052253	Oxidized till	65	B/C	A	very pale brown	10YR 7/3	T	Sandy	
94MOB0044	MOB940027	14	325254	6052253	Humus	6					H		
94MOB0045	MOB940029	14	324487	6054263	Till	50	B/C	A	pale yellow	2.5Y 7/4	T	Silty	
94MOB0046	MOB940029	14	324487	6054263	Humus	5					H		
94MOB0047	MOB940032	14	327049	6058806	Till	45	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0048	MOB940032	14	327049	6058806	Humus	13					H		
94MOB0049	MOB940033	14	332957	6052582	Till	60	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0050	MOB940033	14	332957	6052582	Humus	10					H		
94MOB0051	MOB940035	14	334404	6055314	Till	60	B/C	A			GF	Sandy	
94MOB0052	MOB940036	14	335230	6057295	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Sandy-pebbly	
94MOB0053	MOB940036	14	335230	6057295	Humus	8	B/C	A			H		
94MOB0054	MOB940038	14	337189	6059359	Till	55	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB0055	MOB940038	14	337189	6059359	Humus	12					H		
94MOB0056	MOB940040	14	337262	6069350	Till	60	B/C	A	light grey	5Y 7/1	D	Sandy-pebbly	
94MOB0057	MOB940040	14	337262	6069350	Humus	5					H		
94MOB0058	MOB940042	14	335854	6067049	Diamicton	240	B	A	grey	2.5Y 6/1	D	Sandy	
94MOB0059	MOB940042	14	335854	6067049	Humus	5					H		
94MOB0060	MOB940044	14	337030	6063417	Till	45	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0061	MOB940044	14	337030	6063417	Humus	15					H		
94MOB0062	MOB940047	14	339531	6060667	Till	35	B/C	A	light brownish grey	2.5Y 6/2	T	Silty-sandy	
94MOB0063	MOB940047	14	339531	6060667	Humus	6					H		
94MOB0064	MOB940050	14	339607	6059272	Diamicton	300	B/C	B			D	Sandy-pebbly	
94MOB0065	MOB940050	14	339607	6059272	Humus	12					H		
94MOB0066	MOB940051	14	340042	6058391	Till	110	B/C	A	olive	5Y 8/1	T	Sandy-pebbly	
94MOB0067	MOB940051	14	340042	6058391	Humus	10					H		
94MOB0068	MOB940054	14	339070	6059291	Till	50	C	B	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0069	MOB940054	14	339070	6059291	Humus	15					H		
94MOB0070	MOB940058	14	319987	6047693	Till	80	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0071	MOB940058	14	319987	6047693	Humus	25					H		
94MOB0072	MOB940059	14	321060	6049353	Till	45	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0073	MOB940059	14	321060	6049353	Humus	15					H		
94MOB0074	MOB940061	14	324970	6049541	Till	65	B/C	B	Yellowish brown	10YR 5/4	T	silty/clayey	
94MOB0075	MOB940061	14	324970	6049541	Humus	5					H		
94MOB0076	MOB940062	14	325919	6048515	Till	75	B/C	A	light yellowish brown	10YR 6/4	T	silty	
94MOB0077	MOB940062	14	325919	6048515	Humus	10					H		
94MOB0078	MOB940064	14	327941	6050604	Till	50	B/C	A	light yellowish brown	2.5Y 6/3	T	sandy/silty	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0079	MOB940064	14	327941	6050604	Humus	2					H		
94MOB0080	MOB940065	14	317960	6049198	Till	80	B/C	B	light yellowish brown	2.5Y 6/4	T	Silty	2
94MOB0081	MOB940065	14	317960	6049198	Humus	16					H		0
94MOB0082	MOB940066	14	316351	6050315	Diamicton	40	B/C	B	light grey	2.5Y 7/3	D	Sandy	
94MOB0083	MOB940066	14	316351	6050315	Humus	10					H		
94MOB0084	MOB940065	14	317960	6049198	Till	35	B/C	A			T	Sandy	1
94MOB0085	MOB940070	14	318053	6051515	Till	65	B/C	A	Yellowish brown	10YR 5/6	T	Sandy	2
94MOB0086	MOB940070	14	318053	6051515	Humus	10					H		0
94MOB0087	MOB940070	14	318053	6051515	Till	45	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	1
94MOB0088	MOB940071	14	318693	6050870	Till	500		R			R		
94MOB0089	MOB940072	14	315369	6048714	Till	80	B/C	A	light grey	2.5Y 7/2	T	Silty	
94MOB0090	MOB940072	14	315369	6048714	Humus	20					H		
94MOB0091	MOB940074	14	317913	6047559	Till	50	B/C	A	light grey	2.5Y 7/1	T	Silty	
94MOB0092	MOB940074	14	317913	6047559	Humus	15					H		
94MOB0093	MOB940076	14	318302	6044697	Till	60	B/C	A	light grey	2.5Y 7/2	T	Silty	
94MOB0094	MOB940076	14	318302	6044697	Humus	20					H		
94MOB0095	MOB940077	14	323271	6044687	Till	75	B/C	A	light reddish brown	5YR 6/3	T	Silty	
94MOB0096	MOB940077	14	323271	6044687	Humus	10					H		
94MOB0097	MOB940078	14	321005	6042919	Till	60	B	A	light reddish brown	5YR 6/3	T	Clayey	
94MOB0098	MOB940078	14	321005	6042919	Humus	15					H		
94MOB0099	MOB940079	14	321121	6039913	Till	50	B/C	A	Yellowish brown	10YR 5/4	T	Clayey	
94MOB0100	MOB940079	14	321121	6039913	Humus	18					H		
94MOB0101	MOB940080	14	323995	6038749	Till	50	B/C	A			T	Silty	
94MOB0102	MOB940080	14	323995	6038749	Humus	7					H		
94MOB0103	MOB940081	14	326906	6041360	Till	70	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0104	MOB940081	14	326906	6041360	Humus	5					H		
94MOB0105	MOB940084	14	333504	6045446	Till	75	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0106	MOB940084	14	333504	6045446	Humus	9					H		
94MOB0107	MOB940085	14	338534	6048265	Till	55	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0108	MOB940085	14	338534	6048265	Humus	8					H		
94MOB0109	MOB940090	14	332355	6059628	Till	70	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0110	MOB940090	14	332355	6059628	Humus	7					H		
94MOB0111	MOB940091	14	332225	6058550	Diamicton	110	B	A	light grey	2.5Y 7/2	D	Sandy	
94MOB0112	MOB940091	14	332225	6058550	Humus	8					H		
94MOB0113	MOB940104	14	367456	6045691	Till	45	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0114	MOB940104	14	367456	6045691	Humus	8					H		
94MOB0115	MOB940107	14	396575	6058046	Oxidized till	30	B/C	A	light yellow brown	2.5Y 6/4	T	Sandy	
94MOB0116	MOB940107	14	396575	6058046	Humus	14					H		
94MOB0117	MOB940108	14	397692	6055918	Oxidized till	40	B/C	A	light yellow brown	2.5Y 6/4	T	Sandy	
94MOB0118	MOB940108	14	397692	6055918	Humus	8					H		
94MOB0119	MOB940109	14	394770	6052089	Till	50	B/C	A	light grey	2.5Y 7/2	T	Sandy-silty	
94MOB0120	MOB940109	14	394770	6052089	Humus	5					H		
94MOB0121	MOB940110	14	399882	6054354	Till	85	B	A	pale yellow	2.5Y 8/3	T	Sandy	
94MOB0122	MOB940110	14	399882	6054354	Humus	7					H		
94MOB0123	MOB940112	14	403379	6052640	Till	50	B/C	A	white	2.5Y 8/1	T	Silty	
94MOB0124	MOB940112	14	403379	6052640	Humus	15					H		
94MOB0125	MOB940113	14	358203	6040186	Till	30	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0126	MOB940113	14	358203	6040186	Humus	9					H		
94MOB0127	MOB940119	14	431255	6061530	Till	45	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0128	MOB940119	14	431255	6061530	Humus	9					H		
94MOB0129	MOB940120	14	432449	6065963	Till	70	B/C	B	light grey	2.5Y 7/2	T	Sandy	
94MOB0130	MOB940120	14	432449	6065963	Humus	11					H		
94MOB0131	MOB940121	14	428408	6060430	Till	70	B/C	A	Dark greyish brown	2.5Y 4/2	T	Sandy	
94MOB0132	MOB940121	14	428408	6060430	Humus	8					H		
94MOB0133	MOB940122	14	424303	6055921	Till	40	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0134	MOB940122	14	424303	6055921	Humus	13					H		
94MOB0135	MOB940123	14	415676	6064452	Till	60	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0136	MOB940123	14	415676	6064452	Humus	12					H		
94MOB0137	MOB940124	14	412909	6067596	Till	50	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB0138	MOB940124	14	412909	6067596	Humus	15					H		
94MOB0139	MOB940125	14	411369	6061072	Till	40	B/C	A	light grey	2.5Y 7/2	T	Silty	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0140	MOB940125	14	411369	6061072	Humus	7					H		
94MOB0141	MOB940126	14	399959	6066752	Till	80	B/C	A	light yellowish brown	2.5Y 7/2	T	Sandy	
94MOB0142	MOB940126	14	399959	6066752	Humus	15					H		
94MOB0143	MOB940127	14	392790	6060948	Till	50	B/C	A	pale yellow	2.5Y 7/3	T	Gravelly	
94MOB0144	MOB940127	14	392790	6060948	Humus	20					H		
94MOB0145	MOB940128	14	390152	6054116	Till	60	B/C	A	pale yellow	2.5Y 7/2	T	Sandy	
94MOB0146	MOB940128	14	390152	6054116	Humus	10					H		
94MOB0147	MOB940132	14	385914	6063961	Till	60	B/C	A	pale yellow	5Y 7/3	T	Sandy	
94MOB0148	MOB940132	14	385914	6063961	Humus	1					H		
94MOB0149	MOB940129	14	382327	6062352	Till	70	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0150	MOB940129	14	382327	6062352	Humus	15					H		
94MOB0151	MOB940130	14	363892	6058168	Till	45	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0152	MOB940130	14	363892	6058168	Humus	10					H		
94MOB0153	MOB940131	14	360393	6062760	Till	70	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0154	MOB940131	14	360393	6062760	Humus	10					H		
94MOB0155	MOB940133	14	363738	6067328	Till	70	B	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0156	MOB940133	14	363738	6067328	Humus	15					H		
94MOB0157	MOB940134	14	367152	6067196	Oxidized till	55	B	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB0158	MOB940134	14	367152	6067196	Humus	12					H		
94MOB0159	MOB940135	14	353032	6062312	Till	80	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0160	MOB940135	14	353032	6062312	Humus	7					H		
94MOB0161	MOB940136	14	352304	6058686	Oxidized till	60	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0162	MOB940136	14	352304	6058686	Humus	10					H		
94MOB0163	MOB940137	14	355163	6069513	Oxidized till	60	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB0164	MOB940137	14	355163	6069513	Humus	10					H		
94MOB0165	MOB940138	14	363867	6072799	Till	90	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0166	MOB940138	14	363867	6072799	Humus	6					H		
94MOB0167	MOB940139	14	367904	6075122	Till	70	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0168	MOB940139	14	367904	6075122	Humus	5					H		
94MOB0169	MOB940140	14	396119	6010305	Till	205	B/C	B	pale yellow	2.5Y 7/3	T	Sandy	16
94MOB0170	MOB940140	14	396119	6010305	Till	195	B/C	B	light grey	2.5Y 7/2	T	Sandy	15
94MOB0171	MOB940140	14	396119	6010305	Till	180	B/C	B	pale yellow	2.5Y 7/3	T	Sandy	14
94MOB0172	MOB940140	14	396119	6010305	Till	170	B/C	B	light grey	2.5Y 7/2	T	Sandy	13
94MOB0173	MOB940140	14	396119	6010305	Till	160	B/C	B	light grey	5Y 7/2	T	Sandy	12
94MOB0174	MOB940140	14	396119	6010305	Till	150	B/C	B	light grey	5Y 7/2	T	Sandy	11
94MOB0175	MOB940140	14	396119	6010305	Till	135	B/C	B	light grey	5Y 7/2	T	Sandy	10
94MOB0176	MOB940140	14	396119	6010305	Till	120	B/C	A	pale yellow	2.5Y 8/2	T	Silty	9
94MOB0177	MOB940140	14	396119	6010305	Till	105	B/C	A	pale yellow	2.5Y 7/3	T	Silty	8
94MOB0178	MOB940140	14	396119	6010305	Till	95	B/C	A	light grey	2.5Y 7/2	T	Silty-sandy	7
94MOB0179	MOB940140	14	396119	6010305	Till	75	B/C	A	light grey	2.5Y 7/2	T	Silty-sandy	6
94MOB0180	MOB940140	14	396119	6010305	Till	65	B/C	A	light grey	2.5Y 7/2	T	Silty-sandy	5
94MOB0181	MOB940140	14	396119	6010305	Till	55	B/C	A	light grey	2.5Y 7/2	T	Silty	4
94MOB0182	MOB940140	14	396119	6010305	Till	45	B/C	A	pale yellow	2.5Y 8/2	T	Silty	3
94MOB0183	MOB940140	14	396119	6010305	Till	35	B/C	A	pale yellow	2.5Y 8/2	T	Silty	2
94MOB0184	MOB940140	14	396119	6010305	Till	20	B/C	A	light grey	2.5Y 7/2	T	Silty	1
94MOB0185	MOB940143	14	331092	6059922	Diamicton	70	B/C	A	light grey	2.5Y 7/1	D	Sandy	
94MOB0186	MOB940147	14	327426	6063495	Diamicton	150	B/C	B	light yellowish brown	2.5Y 6/3	D	Sandy	
94MOB0187	MOB940147	14	327426	6063495	Humus	9					H		
94MOB0188	MOB940151	14	328507	6066487	Till	55	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0189	MOB940151	14	328507	6066487	Humus	7					H		
94MOB0190	MOB940153	14	329474	6069792	Till	70	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB0191	MOB940153	14	329474	6069792	Humus	7					H		
94MOB0192	MOB940155	14	347476	6066023	Till	50	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB0193	MOB940155	14	347476	6066023	Humus	10					H		
94MOB0194	MOB940156	14	356062	6065184	Till	70	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0195	MOB940156	14	356062	6065184	Humus	7					H		
94MOB0196	MOB940157	14	351846	6067672	Till	40	B/C	A	light yellowish brown	2.5Y 6/3	T	silty/sandy	
94MOB0197	MOB940157	14	351846	6067672	Humus	10					H		
94MOB0198	MOB940158	14	343787	6070697	Till	60	B/C	A			T	Sandy	
94MOB0199	MOB940158	14	343787	6070697	Humus	4					H		
94MOB0200	MOB940159	14	351416	6076905	Till	55	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0201	MOB940159	14	351416	6076905	Humus	10					H		
94MOB0202	MOB940160	14	356252	6074489	Till	50	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB0203	MOB940160	14	356252	6074489	Humus	8					H		
94MOB0204	MOB940161	14	358265	6079406	Oxidized till	65	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB0205	MOB940161	14	358265	6079406	Humus	8					H		
94MOB0206	MOB940162	14	316627	6098366	Humus	12					H		
94MOB0207	MOB940163	14	318021	6102023	Humus	11					H		
94MOB0208	MOB940164	14	320276	6101066	Humus	5					H		
94MOB0209	MOB940165	14	329609	6098255	Humus	4					H		
94MOB0210	MOB940167	14	333902	6098929	Humus	8					H		
94MOB0211	MOB940169	14	337289	6100135	Humus	5					H		
94MOB0212	MOB940170	14	334194	6121043	Humus	5					H		
94MOB0213	MOB940173	14	334512	6117689	Humus	15					H		
94MOB0214	MOB940174	14	333702	6115460	Humus	10					H		
94MOB0215	MOB940177	14	333859	6110163	Humus	5					H		
94MOB0216	MOB940179	14	334373	6106338	Humus	7					H		
94MOB0217	MOB940180	14	334825	6102237	Humus	5					H		
94MOB0218	MOB940181	14	340240	6099626	Humus	4					H		
94MOB0219	MOB940182	14	345256	6110464	Humus	20					H		
94MOB0220	MOB940184	14	344651	6106339	Humus	6					H		
94MOB0221	MOB940185	14	343318	6103756	Humus	8					H		
94MOB0222	MOB940187	14	343148	6099925	Humus	6					H		
94MOB0223	MOB940189	14	348127	6098423	Humus	4					H		
94MOB0224	MOB940190	14	346022	6098216	Humus	5					H		
94MOB0225	MOB940191	14	402001	6122089	Humus	6					H		
94MOB0226	MOB940193	14	399212	6119090	Humus	5					H		
94MOB0227	MOB940194	14	397424	6115172	Humus	7					H		
94MOB0228	MOB940196	14	394465	6115056	Humus	5					H		
94MOB0229	MOB940197	14	391586	6116053	Humus	10					H		
94MOB0230	MOB940192	14	401527	6121419	Silt and clay	70		A			FGL	clayey	
94MOB0231	MOB940198	14	388075	6115058	Humus	8					H		
94MOB0232	MOB940200	14	385377	6114786	Humus	5					H		
94MOB0233	MOB940201	14	381362	6114922	Humus	6					H		
94MOB0234	MOB940203	14	380186	6117954	Humus	10					H		
94MOB0235	MOB940207	14	371600	6117792	Humus	12					H		
94MOB0236	MOB940209	14	370411	6113403	Humus	6					H		
94MOB0237	MOB940211	14	369298	6110497	Humus	9					H		
94MOB0238	MOB940212a	14	365481	6112065	Humus	9					H		
94MOB0239	MOB940213	14	365185	6108733	Humus	9					H		
94MOB0240	MOB940214	14	364883	6106360	Humus	6					H		
94MOB0241	MOB940206	14	377017	6117237	Humus	12					H		
94MOB0242	MOB940212b	14	365481	6112065	Humus	7					H		
94MOB0243	MOB940215	14	365360	6103933	Humus	9					H		
94MOB0244	MOB940218	14	365452	6100528	Humus	10					H		
94MOB0245	MOB940219	14	363779	6097516	Humus	11					H		
94MOB0246	MOB940221	14	320049	6034199	Till	80	B/C	A	pale yellow	2.5Y 7/3	T	clayey	
94MOB0247	MOB940221	14	320049	6034199	Humus	7					H		
94MOB0248	MOB940222	14	313667	6027275	Till	60	B/C	A	light yellowish brown	2.5Y 6/3	T	clayey	1
94MOB0249	MOB940222	14	313667	6027275	Till	90	B/C	B	pale yellow	2.5Y 7/3	T	Sandy	2
94MOB0250	MOB940222	14	313667	6027275	Humus	6					H		0
94MOB0251	MOB940223	14	308569	6021172	Till	40	B/C	A	light olive brown	2.5Y 5/4	T	clayey	
94MOB0252	MOB940223	14	308569	6021172	Humus	6					H		
94MOB0253	MOB940224	14	309340	6006131	Till	70	B/C	B	light yellowish brown	2.5Y 6/4	T	Silty	
94MOB0254	MOB940224	14	309340	6006131	Humus	8					H		
94MOB0255	MOB940225	14	308809	5995940	Diamicton	65	B/C	A			D	clayey	
94MOB0256	MOB940225	14	308809	5995940	Humus	8					H		
94MOB0257	MOB940226	14	314646	5995826	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB0258	MOB940226	14	314646	5995826	Humus	7					H		
94MOB0259	MOB940227	14	315436	5990998	Till	40	B	A			T	gravelly	
94MOB0260	MOB940227	14	315436	5990998	Humus	11					H		
94MOB0261	MOB940228	13	696036	5994564	Till	55	B/C	A	light reddish brown	5Y 6/3	T	clayey	

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0262	MOB940228	13	696036	5994564	Humus	12					H		
94MOB0263	MOB940229	13	685828	5988542	Till	70	B/C	B	pale yellow	2.5Y 7/3	T	Clayey-sandy	
94MOB0264	MOB940229	13	685828	5988542	Humus	8					H		
94MOB0265	MOB940230	13	684094	6005059	Till	70	B/C	B	light grey	2.5Y 7/1	T	silty-clayey	
94MOB0266	MOB940230	13	684094	6005059	Humus	15					H		
94MOB0267	MOB940231	13	676437	6002532	Till	70	B/C	B	light yellowish brown	2.5Y 6/3	T	Clayey-sandy	
94MOB0268	MOB940231	13	676437	6002532	Humus	6					H		
94MOB0269	MOB940232	14	307854	6028723	Till	80	B/C	B	pale yellow	2.5Y 7/3	T	Silty	2
94MOB0270	MOB940232	14	307854	6028723	Humus	6					H		0
94MOB0271	MOB940232	14	307854	6028723	Till	35	B	A			T	clayey	1
94MOB0272	MOB940233	13	669396	6026432	Till	50	B/C	A	light olive brown	2.5Y 5/3	T	clayey	
94MOB0273	MOB940233	13	669396	6026432	Humus	6					H		
94MOB0274	MOB940234	13	674103	6023359	Till	65	B/C	A	light yellowish brown	2.5Y 6/3	T	silty sandy	
94MOB0275	MOB940234	13	674103	6023359	Humus	9					H		
94MOB0276	MOB940235	13	668239	6007176	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB0277	MOB940235	13	668239	6007176	Humus	20					H		
94MOB0278	MOB940236	13	671761	5992455	Till	40	B/C	A	light brownish grey	2.5Y 6/2	T	Silty	
94MOB0279	MOB940236	13	671761	5992455	Humus	7					H		
94MOB0280	MOB940237	13	654709	5993462	Humus	100					H		
94MOB0281	MOB940238	13	650988	6001536	Till	60	B/C	B	light yellowish brown	2.5Y 6/3	T	Silty	
94MOB0282	MOB940238	13	650988	6001536	Humus	16					H		
94MOB0283	MOB940240	13	657696	6039254	Till	40	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB0284	MOB940240	13	657696	6039254	Humus	13					H		
94MOB0285	MOB940241	13	643381	6037359	Till	70	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0286	MOB940241	13	643381	6037359	Humus	5					H		
94MOB0287	MOB940242	13	632785	6031223	Till	35	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0288	MOB940242	13	632785	6031223	Humus	17					H		
94MOB0289	MOB940243	13	640262	6011466	Till	80	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0290	MOB940243	13	640262	6011466	Humus	15					H		
94MOB0291	MOB940244	13	634430	6003313	Till	65	B/C	A	pale grey	2.5Y 7/2	T	sandy silty	
94MOB0292	MOB940244	13	634430	6003313	Humus	10					H		
94MOB0293	MOB940245	13	642858	5998989	Till	50	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB0294	MOB940245	13	642858	5998989	Humus	24					H		
94MOB0295	MOB940246	13	667900	6017435	Till	50	B/C	A	pale yellow	2.5Y 7/3	T	silty sandy	
94MOB0296	MOB940246	13	667900	6017435	Humus	15					H		
94MOB0297	MOB940247	14	310417	6036910	Till	40	B/C	A			T	Sandy	1
94MOB0298	MOB940247	14	310417	6036910	Humus	9					H		0
94MOB0299	MOB940247	14	310417	6036910	Till	60	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	2
94MOB0300	MOB940248	13	688194	6021564	Till	90	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0301	MOB940248	13	688194	6021564	Humus	10					H		
94MOB0302	MOB940249	13	690765	6014986	Till	75	B/C	B	pale yellow	2.5Y 7/3	T	sandy silty	
94MOB0303	MOB940249	13	690765	6014986	Humus	10					H		
94MOB0304	MOB940250	13	655289	6024168	Humus	10					H		
94MOB0305	MOB940251	13	652458	6026146	Till	80	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0306	MOB940251	13	652458	6026146	Humus	10					H		
94MOB0307	MOB940252	13	640611	6020756	Till	80	B/C	A	pale grey	2.5Y 7/2	T	Sandy	
94MOB0308	MOB940252	13	640611	6020756	Humus	15					H		
94MOB0309	MOB940253	13	648250	6023873	Till	90	B/C	A	light olive brown	2.5Y 5/3	T	Sandy	
94MOB0310	MOB940253	13	648250	6023873	Humus	12					H		
94MOB0311	MOB940254	13	662300	6040000	Till	90	B/C	A	pale grey	2.5Y 7/2	T	Sandy	
94MOB0312	MOB940254	13	662300	6040000	Humus	8					H		
94MOB0313	MOB940255	13	660246	6047170	Till	75	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0314	MOB940255	13	660246	6047170	Humus	6					H		
94MOB0315	MOB940256	13	652354	6047611	Till	50	B/C	A	light olive brown	2.5Y 5/3	T	Sandy	
94MOB0316	MOB940256	13	652354	6047611	Humus	5					H		
94MOB0317	MOB940257	13	639321	6042862	Till	40	B/C	A	pale yellow	2.5Y 7/3	T	sandy clayey	
94MOB0318	MOB940257	13	639321	6042862	Humus	15					H		
94MOB0319	MOB940258	13	640786	6047269	Till	70	B/C	A	light yellowish brown	2.5Y 6/3	T	sandy silty	
94MOB0320	MOB940258	13	640786	6047269	Humus	13					H		
94MOB0321	MOB940259	13	630962	6043820	Till	70	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB0322	MOB940259	13	630962	6043820	Humus	13					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB0323	MOB940260	13	631346	6037986	Till	70	B/C	A	light grey	2.5Y 7/2	T	Silty	
94MOB0324	MOB940260	13	631346	6037986	Humus	12					H		
94MOB0325	MOB940261	13	633126	6049760	Till	43	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB0326	MOB940261	13	633126	6049760	Humus	10					H		
94MOB0327	MOB940262	14	351971	6001502	Till	105	B/C	B			T	Silty	
94MOB0328	MOB940263	14	351859	6001413	Till	140	C	B			T	sandy-silty	2
94MOB0329	MOB940263	14	351859	6001413	Till	70	C	B			T	sandy-silty	1
94MOB0330	MOB940264	14	351709	6001263	Till	150	B/C	A			T	pebbly	2
94MOB0331	MOB940264	14	351709	6001263	Till	40	B/C	A			T	Silty	1
94MOB0332	MOB940265	14	351245	6000938	Till	80	B/C	A			D	Silty	1
94MOB0333	MOB940265	14	351245	6000938	Glaciolacustrine clay	150	B/C	A			FGL	clayey	2
94MOB0334	MOB940265	14	351245	6000938	Glaciolacustrine clay	265		B			FGL	clayey	3
94MOB0335	MOB930064	14	345154	6011492	Till	145	B/C	C	very pale brown	10YR 7/2	T	Silty	
94MOB0336	MOB930064	14	345154	6011492	Till	72	B/C	A	light brownish grey	10YR 6/2	T	Clayey-sandy	
94MOB0338	MOB930063	14	345525	6011531	Till	240	B/C	A	light brownish grey	10YR 6/2	T	clayey	
94MOB0339	MOB930063	14	345525	6011531	Till	230	B/C	A			FGL	clayey	
94MOB0340	MOB930064	14	345154	6011492	Till	150	B/C	C			FGL	Silty	8
94MOB0341	MOB930064	14	345154	6011492	Till	130	B/C	C			T	Silty	7
94MOB0342	MOB930064	14	345154	6011492	Clay	110	B/C	B			FGL	clayey	6
94MOB0343	MOB930064	14	345154	6011492	Varves and till	90	B/C	A/B			T	clayey	5
94MOB0344	MOB930064	14	345154	6011492	Till	70	B/C	A/C			T	Clayey-sandy	4
94MOB0345	MOB930064	14	345154	6011492	Till	50	B	A			T	Clayey-sandy	3
94MOB0346	MOB930064	14	345154	6011492	Till	30	B/C	A			T	clayey	2
94MOB0347	MOB930064	14	345154	6011492	Till	10	B/C	A			T	Clayey-sandy	1
94MOB0348	MOB940266	14	344400	6011400	Till	107	B/C	B			T	sandy-silty	
94MOB1000	BOU940001	14	331357	6063662	Till	90	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1001	BOU940001	14	331357	6063662	Humus	10					H		
94MOB1002	BOU940003	14	329693	6064879	Till	75	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB1003	BOU940003	14	329693	6064879	Humus	14					H		
94MOB1004	BOU940005	14	330937	6066967	Till	70	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1005	BOU940005	14	330937	6066967	Humus	8					H		
94MOB1006	BOU940008	14	332518	6068536	Till	73	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB1007	BOU940008	14	332518	6068536	Humus	10					H		
94MOB1008	BOU940010	14	332238	6069839	Till	70	B/C	A	pale yellow	2.5Y 8/3	T	sandy-silty	
94MOB1009	BOU940010	14	332238	6069839	Humus	14					H		
94MOB1010	BOU940011	14	330650	6069102	Till	50	B/C	A	pale yellow	5Y 7/3	T	Sandy	
94MOB1011	BOU940011	14	330650	6069102	Humus	11					H		
94MOB1012	BOU940014	14	333284	6054643	Till	70	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1013	BOU940014	14	333284	6054643	Humus	10					H		
94MOB1014	BOU940015	14	335003	6050558	Till	60	B/C	B	light brownish grey	2.5Y 6/2	T	Sandy	2
94MOB1015	BOU940015	14	335003	6050558	Humus	12					H		0
94MOB1016	BOU940015	14	335003	6050558	Till	30	B/C	A			T	sandy-silty	1
94MOB1017	BOU940016	14	337791	6051633	Till	60	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB1018	BOU940016	14	337791	6051633	Humus	11					H		
94MOB1019	BOU940021	14	330716	6052232	Till	85	B/C	B	white	2.5Y 8/1	T	Silty	6b
94MOB1020	BOU940021	14	330716	6052232	Till	50	B/C	A	light brownish grey	2.5Y 6/2	T	clayey	3b
94MOB1021	BOU940021	14	330716	6052232	Till	110	B/C	C	light brownish grey	2.5Y 6/2	T	Sandy	9
94MOB1022	BOU940021	14	330716	6052232	Humus	8					H		0
94MOB1023	BOU940024	14	338282	6061856	Till	50	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB1024	BOU940024	14	338282	6061856	Humus	9					H		
94MOB1025	BOU940027	14	342683	6063124	Till	60	B	A	pale yellow	2.5Y 8/3	T	Silty	
94MOB1026	BOU940027	14	342683	6063124	Humus	10					H		
94MOB1027	BOU940021	14	330716	6052232	Till	85	B/C	B	light grey	2.5Y 7/1	T	Sandy	6a
94MOB1028	BOU940021	14	330716	6052232	Till	75	B/C	B	white	5Y 8/1	T	Sandy	5
94MOB1029	BOU940021	14	330716	6052232	Till	65	B/C	B	light grey	2.5Y 6/2	T	Sandy	4
94MOB1030	BOU940021	14	330716	6052232	Till	50	B/C	A	olive brown	2.5Y 4/3	T	Sandy-clayey	3a
94MOB1031	BOU940021	14	330716	6052232	Till	35	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy-clayey	2
94MOB1032	BOU940021	14	330716	6052232	Till	20	B/C	A	light brownish grey	2.5Y 6/2	T	Sandy-clayey	1
94MOB1033	BOU940021	14	330716	6052232	Till	120	B/C	C			T	Sandy	10
94MOB1034	BOU940021	14	330716	6052232	Till	105	B/C	C	light yellowish brown	2.5Y 6/3	T	Sandy	8
94MOB1034b	BOU940021	14	330716	6052232	Till	90	B/C	B	light brownish grey	2.5Y 6/2	T	Sandy	7

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB1035	BOU940030	14	341811	6053038	Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Clayey-sandy	
94MOB1036	BOU940030	14	341811	6053038	Humus	12					H		
94MOB1037	BOU940032	14	343656	6052882	Till	77	B/C	A	light olive grey	5Y 6/2	T	Silty-sandy	
94MOB1038	BOU940032	14	343656	6052882	Humus	12					H		
94MOB1039	BOU940035	14	343123	6048878	Till	100	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1040	BOU940035	14	343123	6048878	Humus	9					H		
94MOB1041	BOU940037	14	339491	6049902	Till	65	B/C	A	light olive brown	2.5Y 5/3	T	Sandy	
94MOB1042	BOU940037	14	339491	6049902	Humus	5					H		
94MOB1044	BOU940046	14	335184	6048107	Humus	6					H		
94MOB1045	BOU940047	14	413033	6054454	Till	65	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB1046	BOU940047	14	413033	6054454	Humus	10					H		
94MOB1047	BOU940050	14	417193	6056386	Till	65	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB1048	BOU940050	14	417193	6056386	Humus	8					H		
94MOB1049	BOU940051	14	417981	6058288	Till	57	B/C	A	pale yellow	2.5Y 8/3	T	Sandy	
94MOB1050	BOU940051	14	417981	6058288	Humus	8					H		
94MOB1051	BOU940053	14	411782	6057477	Humus	5					H		
94MOB1052	BOU940055	14	414489	6059404	Till	76	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1053	BOU940055	14	414489	6059404	Humus	8					H		
94MOB1054	BOU940056	14	411088	6057738	Till	70	B/C	A	pale yellow	2.5Y 7/3	T	Sandy-clayey	
94MOB1055	BOU940056	14	411088	6057738	Humus	10					H		
94MOB1056	BOU940058	14	409296	6054187	Till	70	B/C	A	light yellowish brown	2.5Y 6/3	T	Silty-sandy	
94MOB1057	BOU940058	14	409296	6054187	Humus	12					H		
94MOB1058	BOU940060	14	406195	6057775	Till	70	B/C	A	olive yellow	2.5Y 6/6	T	Sandy	
94MOB1059	BOU940060	14	406195	6057775	Humus	9					H		
94MOB1060	BOU940063	14	405872	6062048	Till	67	B/C	A	light yellow brown	2.5Y 6/4	T	Sandy-clayey	
94MOB1061	BOU940063	14	405872	6062048	Humus	12					H		
94MOB1062	BOU940064	14	402475	6063976	Till	45	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB1063	BOU940064	14	402475	6063976	Humus	8					H		
94MOB1064	BOU940066	14	399616	6060173	Till	62	B/C	B	light grey	2.5Y 7/1	T	Silty	1
94MOB1065	BOU940066	14	399616	6060173	Till	74	B/C	C	white	5Y 8/1	T	Sandy	2
94MOB1066	BOU940066	14	399616	6060173	Humus	12					H		0
94MOB1067	BOU940068	14	333148	6058763	Till	46	B/C	A	greyish brown	10YR 5/2	T	Clayey-sandy	
94MOB1068	BOU940068	14	333148	6058763	Humus	6					H		
94MOB1069	BOU940069	14	330667	6061021	Till	60	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1070	BOU940069	14	330667	6061021	Humus	10					H		
94MOB1071	BOU940087	14	321724	6063933	Diamicton	145	B	B	light yellowish brown	2.5Y 6/3	D	Sandy-clayey	
94MOB1072	BOU940073	14	326956	6068557	Humus	9					H		
94MOB1073	BOU940075	14	324091	6067616	Till	140	B/C	A	pale yellow	2.5y 7/3	T	Sandy	
94MOB1074	BOU940075	14	324091	6067616	Humus	8					H		
94MOB1075	BOU940079	14	322273	6064654	Till	47	B/C	A	light yellowish brown	2.5Y 6/4	T	Sandy	
94MOB1076	BOU940079	14	322273	6064654	Humus	8					H		
94MOB1077	BOU940081	14	323358	6063993	Till	120	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB1078	BOU940081	14	323358	6063993	Humus	5					H		
94MOB1079	BOU940083	14	325154	6063614	Till	80	B/C	A	light grey	2.5Y 7/2	T	Sandy	
94MOB1080	BOU940083	14	325154	6063614	Humus	17					H		
94MOB1081	BOU940088	14	321421	6062614	Till	65	B/C	B	pale yellow	2.5Y 7/3	T	Silty-sandy	
94MOB1082	BOU940088	14	321421	6062614	Humus	9					H		
94MOB1083	BOU940089	14	320945	6060096	Till	110	B	B	light grey	2.5Y 7/2	T	sandy-silty	
94MOB1084	BOU940089	14	320945	6060096	Humus	7					H		
94MOB1085	BOU940092	14	316425	6060122	Till	95	B	A	pale grey	2.5Y 7/2	T	Silty-sandy	
94MOB1086	BOU940092	14	316425	6060122	Humus	6					H		
94MOB1087	BOU940094	14	315991	6058283	. Till	60	B/C	A	pale yellow	2.5Y 7/3	T	Silty	
94MOB1088	BOU940094	14	315991	6058283	Humus	8					H		
94MOB1089	BOU940096	14	318355	6056795	Till	80	B	A	light reddish brown	2.5YR 6/4	T	Silty-sandy	
94MOB1090	BOU940096	14	318355	6056795	Humus	8					H		
94MOB1091	BOU940098	14	318914	6059558	Till	70	B/C	A	light olive brown	2.5Y 5/3	T	Silty	
94MOB1092	BOU940098	14	318914	6059558	Humus	8					H		
94MOB1093	BOU940101	14	318754	6062287	Till	70	B/C	B	brown	10YR 5/3	T	Sandy-clayey	
94MOB1094	BOU940101	14	318754	6062287	Humus	6					H		
94MOB1095	BOU940103	14	342966	6060949	Till	50	B/C	A	light olive brown	2.5Y 5/3	T	Silty-sandy	
94MOB1096	BOU940103	14	342966	6060949	Humus	6					H		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
94MOB1097	BOU940104	14	341965	6060025	Till	66	B/C	A	light olive brown	2.5Y 5/3	T	Silty-sandy	
94MOB1098	BOU940104	14	341965	6060025	Humus	4					H		
94MOB1099	BOU940106	14	337544	6057768	Till	40	B	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1100	BOU940106	14	337544	6057768	Humus	5					H		
94MOB1101	BOU940107	14	316827	6070040	Till	55	B/C	A	pale yellow	2.5Y 7/3	T	Sandy	
94MOB1102	BOU940107	14	316827	6070040	Humus	6					H		
94MOB1103	BOU940108	14	319484	6076927	Diamicton	173		C	light yellowish brown	2.5Y 6/4	D	Sandy	
94MOB1104	BOU940110	14	318793	6066835	Till	170	B/C	A	grey	2.5Y 6/1	T	Sandy	
94MOB1105	BOU940110	14	318793	6066835	Humus	6					H		
94MOB1106	BOU940113	14	318297	6069207	Till	190	B/C	B	light brownish grey	2.5Y 6/2	T	Sandy	
94MOB1107	BOU940113	14	318297	6069207	Humus	8					H		
94MOB1108	BOU940114	14	321607	6057315	Till	62	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1109	BOU940114	14	321607	6057315	Humus	10					H		
94MOB1110	BOU940117	14	322364	6060597	Till	71	B/C	B	light yellowish brown	2.5Y 6/4	T	sandy/clayey	2
94MOB1111	BOU940117	14	322364	6060597	Humus	4					H		0
94MOB1112	BOU940117	14	322364	6060597	Till	40	B/C	A	pale grey	2.5Y 7/2	T	Sandy	1
94MOB1113	BOU940119	14	326049	6065931	Till	68	B/C	A	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1114	BOU940119	14	326049	6065931	Humus	8					H		
94MOB1115	BOU940120	14	327577	6068410	Till	70	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1116	BOU940120	14	327577	6068410	Humus	8					H		
94MOB1117	BOU940123	14	336217	6061250	Till	70	B/C	A	pale yellow	2.5Y 7/4	T	Sandy	
94MOB1118	BOU940123	14	336217	6061250	Humus	4					H		
94MOB1119	BOU940125	14	320970	6069317	Till	70	B/C	B	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1120	BOU940125	14	320970	6069317	Humus	9					H		
94MOB1121	BOU940128	14	322984	6070011	Till	71	B/C	B	light yellowish brown	2.5Y 6/3	T	Sandy	
94MOB1122	BOU940128	14	322984	6070011	Humus	5					H		
94MOB1123	BOU940085	14	321757	6064303	Diamicton	160	B	B	pale yellow	2.5Y 7/4	D	Sandy	
94MOB1124	BOU940131	14	321048	6066312	Till	200	B/C	A	pale grey	2.5Y 7/2	T	Sandy	
94MOB1125	BOU940131	14	321048	6066312	Humus	8					H		
94MOB1126	BOU940132	14	318506	6069941	Diamicton	415	B/C	B	pale yellow	2.5Y 7/3	D	Sandy	
95ISK0001H		14	382425	6051575	Humus						H		
95ISK0002H		14	383225	6052300	Humus						H		
95ISK0003H		14	384200	6052650	Humus						H		
95ISK0004H		14	384250	6054150	Humus						H		
95ISK0005H		14	383750	6055300	Humus						H		
95ISK0006H		14	381700	6052650	Humus						H		
95ISK0007H		14	382100	6053550	Humus						H		
95ISK0008H		14	381475	6054200	Humus						H		
95ISK0009H		14	380400	6054950	Humus						H		
95ISK0010H		14	385750	6051500	Humus						H		
95ISK0011H		14	386775	6052100	Humus						H		
95ISK0012H		14	387650	6053600	Humus						H		
95ISK0013H		14	388100	6057750	Humus						H		
95ISK0014H		14	385950	6052650	Humus						H		
95ISK0015H		14	383550	6056200	Humus						H		
95ISK0016H		14	382825	6057000	Humus						H		
95ISK0017H		14	379850	6057050	Humus						H		
95ISK0018H		14	378425	6055650	Humus						H		
95ISK0019H		14	376650	6056700	Humus						H		
95ISK0020H		14	377350	6057550	Humus						H		
95ISK0021H		14	376650	6058350	Humus						H		
95ISK0001		14	382425	6051575	Till						T		
95ISK0002		14	383225	6052300	Till						T		
95ISK0003		14	384200	6052650	Till						T		
95ISK0004		14	384250	6054150	Till						T		
95ISK0005		14	383750	6055300	Till						T		
95ISK0006		14	381700	6052650	Till						T		
95ISK0007		14	382100	6053550	Till						T		
95ISK0008		14	381475	6054200	Till						T		
95ISK0009		14	380400	6054950	Till						T		
95ISK0010		14	385750	6051500	Till						T		

Appendix III: Sample Description

Sample Number	Site Number	UTM Zone	Easting	Northing	Sediment Type	Depth (cm) (average)	Soil Horizon	Stratigra-phic Unit	Munsell Color	Munsell Code (dry state)	Sediment Code	Texture	Section Number
95ISK0011		14	386775	6052100	Till						T		
95ISK0012		14	387650	6053600	Till						T		
95ISK0013		14	388100	6057750	Till						T		
95ISK0014		14	385950	6052650	Till						T		
95ISK0015		14	383550	6056200	Till						T		
95ISK0016		14	382825	6057000	Till						T		
95ISK0017		14	379850	6057050	Till						T		
95ISK0018		14	378425	6055650	Till						T		
95ISK0019		14	376650	6056700	Till						T		
95ISK0020		14	377350	6057550	Till						T		
95ISK0021		14	376650	6058350	Till						T		
95MOB001	MOB950002	13	636348	6099574	Till	100	C	A	light grey	2.5 Y 7/2	T	Sandy	
95MOB002	MOB950002	13	636348	6099574	Humus	10					H		
95MOB003	MOB950006	13	631772	6096920	Till	50	B/C	A	white	10 YR 8/2	T	Sandy	
95MOB004	MOB950006	13	631772	6096920	Humus	15					H		
95MOB005	MOB950008	13	633883	6094193	Till	55	B/C	A	pale yellow	2.5 Y 7/4	T	Sandy	
95MOB006	MOB950008	13	633883	6094193	Humus	15					H		
95MOB007	MOB950012	13	637534	6089838	Diamicton	40	B/C	A	white	10 YR 8/1	D	Silty	
95MOB008	MOB950012	13	637534	6089838	Humus	5					H		
95MOB009	MOB950017	13	630084	6091687	Till	60	B/C	A	light yellowish brown	2.5 Y 6/4	T	Sandy	
95MOB010	MOB950017	13	630084	6091687	Humus	10					H		
95MOB011	MOB950022	13	629705	6085409	Till	60	B/C	A	white	2.5 Y 8/2	T	Sandy	
95MOB012	MOB950022	13	629705	6085409	Humus	10					H		
95MOB013	MOB950025	13	633746	6082462	Humus	5					H		
95MOB014	MOB950026	13	633337	6083469	Till	30	B/C	A	light grey	10 YR 7/2	T	Sandy	
95MOB015	MOB950026	13	633337	6083469	Humus	5					H		
95MOB016	JEC920058	13	659550	6078850	Sand	100	B/C	A			GF	Sandy	
95MOB017	JEC920052	13	643865	6078050	Clay	85	B/C	B			FGL	Silty-clay	
95MOB018	MOB95035	13	688339	6101944	Till	60	B/C	A	pale yellow	2.5 Y 7/4	T	Sandy	
95MOB019	MOB95035	13	688339	6101944	Humus	15					H		
95MOB020	MOB95036	13	672507	6101531	Till	50	B	A	white	10 YR 8/1	T	Sandy	
95MOB021	MOB95036	13	672507	6101531	Humus	10					T		
95MOB022	MOB95037a	13	672048	6110862	Till	50	B/C	A	light grey	10 YR 7/2	T	Sandy	
95MOB023	MOB95037a	13	672048	6110862	Humus	10					H		
95MOB024	MOB95037b	13	676182	6117037	Till	70	B/C	A	olive yellow	2.5 Y 6/6	T	Sandy	
95MOB025	MOB95037b	13	676182	6117037	Humus	10					H		
95MOB026	MOB95038	13	671883	6123143	Till	60	B/C	A	pale yellow	2.5 Y 7/4	T	Sandy-silty	
95MOB027	MOB95038	13	671883	6123143	Humus	10					H		
95MOB028	MOB95039	13	685129	6122932	Till	60	B/C	A	pale yellow	5 Y 8/3	T	Sandy	
95MOB029	MOB95039	13	685129	6122932	Humus	15					H		
95MOB030	MOB95040	13	658728	6121993	Oxidized till	50	B	A	pale yellow	2.5 Y 8/4	T	Sandy	
95MOB031	MOB95040	13	658728	6121993	Humus	10					H		
95MOB032	MOB95041	13	661254	6114547	Diamicton	85	B/C	A	pale yellow	5 Y 8/4	D	Pebbly	
95MOB033	MOB95041	13	661254	6114547	Humus	10					H		
95MOB034	MOB95042	13	656767	6103940	Till	70	B/C	B	pale yellow	2.5 Y 7/4	T	Silty	
95MOB035	MOB95042	13	656767	6103940	Humus	15					H		
95MOB036	MOB95043	13	631718	6076437	Diamicton	70	B/C	A	white	2.5 Y 8/2	D	Sandy-silty	
95MOB037	MOB95043	13	631718	6076437	Humus	10					H		
95MOB038	MOB95044	13	630451	6057854	Leached till	70	B/C	A	light yellowish brown	2.5 Y 6/4	T	Sandy-silty	
95MOB039	MOB95044	13	630451	6057854	Humus	15					H		
95MOB040	MOB95045	13	635600	6055150	Till	75	B/C	A	white	10 YR 8/2	T	Silty-sandy	
95MOB041	MOB95045	13	635600	6055150	Humus	10					H		
95MOB042	MOB950058	14	488900	6006550	Peat	222		A			O		
95MOB043	MOB950058	14	488900	6006550	Organic sediments	235		B1			O		
95MOB044	MOB950058	14	488900	6006550	Organic sediments	238		B2			O		
95MOB045	MOB950058	14	488900	6006550	Shells	238		B2			S		
95MOB046	MOB950058	14	488900	6006550	Shells	243		C			S		

APPENDIX IV. Stratigraphy

LEGEND:

HCl reaction	Reaction to HCl measured on site: none, very weak, weak, moderate, strong

Appendix IV: Stratigraphy

Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB91002A	14	428964	6075483	A	Sandy washed till	0.40	none	-
MOB91002B	14	428964	6075483	A	Silty cobbly till	0.15	none	-
MOB91002B	14	428964	6075483	B	Sandy till	0.45	none	fissile
MOB910005	14	312623	6081663	A	Sand and gravel, glaciofluvial	0.40	-	horizontally stratified
MOB910005	14	312623	6081663	B	Fine to medium grained sand	0.45	none	stratified, poor current ripples
MOB910005	14	312623	6081663	C	Silty sand	0.30	none	horizontally stratified
MOB910005	14	312623	6081663	D	Coarse sand and gravel	0.35	-	irr. ripples, large cobbles
MOB910005	14	312623	6081663	E	Sandy silt	0.20	none	massive, dropstones
MOB910005	14	312623	6081663	F	Clast supported gravel	0.10	-	non-sorted
MOB910005	14	312623	6081663	G	Fine to medium sand with silty units	0.65	none	massive to laminated
MOB910005	14	312623	6081663	H	Washed diamicton with sandy lenses	0.15	none	lens of sands
MOB910012	14	318815	6076970	A	Washed silty/sandy diamicton	0.40	none	washed
MOB910017	14	378764	6072119	A	Silty clay	0.40	n/a	massive
MOB910017	14	378764	6072119	B	Sandy till	0.20	n/a	-
MOB910020	14	322050	6064111	A	Silty clay	2.00	moderate	laminated
MOB910020	14	322050	6064111	B	Sandy till	0.10	none	-
MOB910021	14	321009	6060596	A	Sand and gravel, glaciofluvial	2.00	-	current ripples, fining upward
MOB910022	14	321760	6063497	B	Sand and gravel, glaciofluvial	2.00	-	stratified, deformed, rippled
MOB910022	14	321760	6063497	A	Silty-sand diamicton	3.00	n/a	sandy lenses, dropstones, deformed
MOB910023A	14	321918	6064172	A	Silty-clayey diamicton	2.00	moderate	compact, bouldery
MOB910023A	14	321918	6064172	B	Silty sand	0.40	n/a	diamictic lens, rippled
MOB910023A	14	321918	6064172	C	Bouldery gravel	0.20	-	-
MOB910028	14	346435	6034550	A	Grey-brown till	1.15	strong	silt horizon at 1m depth
MOB910051	14	436605	6065413	A	Sandy diamicton	0.20	none	washed
MOB910051	14	436605	6065413	B	Clayey silt	0.10	none	dropstones
MOB910051	14	436605	6065413	C	Gravelly till	0.10	none	-
MOB910052	14	437378	6065419	A	Sandy till, B horizon	0.10	none	-
MOB910052	14	437378	6065419	B	Sandy till	0.25	none	-
MOB910053	14	437098	6066101	A	Sandy brown till	0.45	very weak	sand and silt horizons
MOB910058	14	437700	6057650	A	Silty-sandy grey till	0.45	weak	fissile
MOB910066B	14	487754	5983756	A	Washed till	0.25	n/a	irr. stratified
MOB910067	14	488110	5986428	A	Silty clay	0.15	weak	diamictic lenses
MOB910067	14	488110	5986428	B	Silty-sandy till	0.25	moderate	washed
MOB910067	14	488110	5986428	C	Beige-pink till	0.15	n/a	-
MOB910074	14	397388	6066478	A	Fine sand, nearshore	0.25	n/a	-
MOB910074	14	397388	6066478	B	Silty clay	0.20	n/a	massive
MOB910081	14	448421	6051727	A	Till	0.44	n/a	-
MOB910092	14	392461	6005860	A	Grey-brown till	0.15	n/a	-
MOB910097	14	387039	5996312	A	Orange till	0.40	strong	compact
MOB910099	14	378309	5988710	A	Orange till	0.40	strong	compact
MOB910101	14	434925	5985248	A	Silty clay	0.20	n/a	massive
MOB910101	14	434925	5985248	B	Grey-beige till	0.15	strong	-
MOB910103	14	438199	5989668	A	Silty clay	0.15	very weak	massive
MOB910103	14	438199	5989668	B	Silt	0.70	strong	massive
MOB910107	14	435590	5994429	A	Silty beige till	0.20	strong	-
MOB910110	14	350786	5986291	A	Silty clay	0.15	weak	massive, dropstones
MOB910110	14	350786	5986291	B	Silty grey till	0.50	moderate	clast poor
MOB910111	14	348391	5995709	A	Gravel, littoral	0.40	-	massive

Appendix IV: Stratigraphy

Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB910111	14	348391	5995709	B	Grey-orange till	0.10	strong	compact
MOB910113	14	343644	6000122	A	Orange till	0.50	strong	compact
MOB910115B	14	346426	6000957	A	Silty clay	0.05	n/a	massive
MOB910115B	14	346426	6000957	B	Diamicton with orangy silty clay lenses	0.10	n/a	deformed
MOB910115B	14	346426	6000957	C	Orange-pink till	0.10	strong	-
MOB910118	14	339790	6007820	A	Orange silty clay	0.15	none	dropstones
MOB910118	14	339790	6007820	B	Silty orange till	0.25	strong	-
MOB910122	14	349546	6000003	A	Silty orange till	0.20	strong	compact, stony
MOB910124	14	353089	6003362	A	Brown-grey diamicton	0.15	weak	clast rich
MOB910124	14	353089	6003362	B	Washed till	0.65	n/a	-
MOB910126	14	355826	6011553	A	Sand and gravel, littoral	0.05	-	-
MOB910126	14	355826	6011553	B	Grey-brown till	0.30	moderate	clast poor
MOB910127	14	348718	6011610	A	Silty clay	0.30	n/a	massive
MOB910127	14	348718	6011610	B	Grey-brown till	0.25	strong	clast poor
MOB910139	14	315683	6100400	A	Sandy, B-horizon till	0.30	none	-
MOB910156	14	324438	6097220	A	Grey till	0.15	none	clast rich, compact
MOB910164	14	367893	6108017	A	Sandy till	2.00	none	-
MOB910164	14	367893	6108017	B	Fine to medium grained sand, glaciofluvial	0.25	-	faint ripples, laminated
MOB910164	14	367893	6108017	C	Brown silty clay	0.25	none	massive
MOB910166	14	369191	6099688	A	Sand and gravel, glaciofluvial	3.00	-	current ripples, deformed, diamictic layers
MOB910167	14	370024	6099685	A	Sand and gravel, glaciofluvial	2.00	-	-
MOB910167	14	370024	6099685	B	Sandy brown till	0.25	none	-
MOB910171	14	369147	6051387	A	Brown clay	0.10	none	dropstones
MOB910171	14	369147	6051387	B	Clayey-silty till	0.60	weak	dolomitic clasts, sandy layers
MOB910171	14	369147	6051387	C	Sandy brown till	0.25	none	-
MOB910173	14	370255	6049783	A	Brown till	0.25	moderate	clast rich
MOB910184	14	364910	6044075	A	Sand, littoral	0.15	-	massive
MOB910184	14	364910	6044075	B	Sandy till	0.30	strong	clast rich
MOB910188B	14	360264	6041461	A	Clayey grey till	0.25	n/a	compact
MOB910202	13	685910	6039437	A	Silty clay	1.00	n/a	massive
MOB910202	13	685910	6039437	B	Beige till	0.25	strong	compact, clast rich
MOB910206	14	307966	6042535	A	Silty-clayey till	0.35	strong	compact
JEC920001	13	632175	6117650	A	Sandy diamicton	0.50	none	massive, oxidized, freq. pebbles, sub-rounded
JEC920001	13	632175	6117650	B	Sand and gravel	2.30	-	cross-bedded, well sorted, sub-rounded pebbles
JEC920001	13	632175	6117650	C	Medium sand, fining downward	1.90	n/a	flames, ripples, dragfolds, large boulders
JEC920002	13	632330	6117900	A	Sandy brown diamicton	0.50	none	stratified, oxidized, little fines, sub-rounded pebbles
JEC920002	13	632330	6117900	B	Silty sand	0.45	n/a	fair sorting, freq. small pebbles, laminated, blocky
JEC920003	13	633375	6118875	A	Sand and gravel	0.50	-	massive to crudely strat., poorly sorted
JEC920004	13	633000	6119250	A	Silty sandy brown till	0.65	none	compact, slightly oxidized
JEC920005	13	633450	6120900	A	Silty clay	1.00	n/a	laminated
JEC920007	13	635100	6120850	A	Silty clay, glaciolacustrine	0.50	none	fair sorting
JEC920007	13	635100	6120850	B	Sand and gravel	0.50	-	crudely stratified to massive
JEC920008	13	637200	6120925	A	Sandy brown silt	0.80	n/a	massive, fair sorting
JEC920009	13	639750	6120375	A	Silty sandy diamicton	0.40	none	massive, fair sorting, compact, oxidized
JEC920009	13	639750	6120375	B	Fine sand and silt	1.00	n/a	stratified, internally laminated, well sorted
JEC920009	13	639750	6120375	C	Sand and gravel	0.50	none	stratified, sub-rounded
JEC920009	13	639750	6120375	D	Sand	1.50	n/a	cross-bedded, stratified
JEC920009	13	639750	6120375	E	Gravel, cobbles, boulders	4.00	none	stratified, poorly sorted

Appendix IV: Stratigraphy

Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
JEC920010	13	641315	6122775	A	Silty sandy till	0.90	none	poorly sorted, crudely stratified
JEC920010	13	641315	6122775	B	Medium to fine grained pebbly sand	0.10	n/a	massive, fair sorting, sub-ang. clasts
JEC920011	13	642100	6124675	A	Silty clay to clayey silt	0.40	n/a	massive
JEC920011	13	642100	6124675	B	Silty fine sand	n/a	n/a	laminated, mod. well sorted
JEC920012	13	633740	6115950	A	Silty brown grey clay	1.00	n/a	laminated, well sorted, faintly lam.
JEC920013	13	633500	6116400	A	Sandy brown till	0.60	none	loose, sub-ang to sub-round. clasts
JEC920014	13	634260	6115650	A	Gravelly sand	0.70	-	massive, poorly sorted, loose, bouldery
JEC920015	13	634600	6114150	A	Silty sandy till	1.00	none	compact, poorly sorted
JEC920016	13	636475	6111535	A	Silty sandy olive grey till	1.00	none	massive to crudely strat., poorly sorted
JEC920017	13	637225	6108340	A	Sandy till	1.00	none	irreg. strat., poor to fair sorting, dense but not hard
JEC920019	13	636300	6106475	A	Sand and gravel	1.00	none	irreg. strat., poorly sorted, sub-ang. to round. clasts
JEC920020	13	636730	6103890	A	Sandy gravelly diamicton	0.60	none	massive, poorly sorted, compact
JEC920021	13	637180	6102325	A	Silty sandy till	1.00	none	poorly sorted, compact
JEC920022	13	638150	6101150	A	Clayey diamicton	0.40	none	massive, slightly gritty, blocky, ang. to sub-rounded
JEC920023	13	641100	6099360	A	Silty sandy diamicton	50.00	none	irreg. strat., loose, fairly to poorly sorted
JEC920023	13	641100	6099360	B	Clayey silt	0.10	none	massive, mod. well sorted
JEC920023	13	641100	6099360	C	Silty sandy till	0.10	none	compact, poorly sorted, sub-ang. to ang. clasts
JEC920024	13	642475	6097775	A	Silty sandy grey brown till	1.00	none	fissile, poorly sorted, compact
JEC920025	13	642220	6096450	A	Silty grey clay	1.00	none	massive, faintly lam., well sorted
JEC920026	13	642280	6094400	A	Sand	9.00	none	stratified, cross-bedded, pebbly layers
JEC920027	13	643740	6094500	A	Sand and gravel	0.70	none	massive, fair sorting, compact but not hard
JEC920028	13	644500	6093260	A	Silty sandy till	0.70	none	poorly sorted, oxidized, compact
JEC920030	13	645225	6091670	A	Silty sandy till	1.00	none	fissile, fair sorting, sub-ang. to sub-rounded
JEC920031	13	645000	6088560	A	Sandy till	0.60	none	poorly sorted, compact, oxidized
JEC920031	13	645000	6088560	B	Sand and gravel	0.10	none	stratified, mod. to fair sorting
JEC920031	13	645000	6088560	C	Silty sandy till	0.60	none	faintly lam., compact, poorly sorted
JEC920033	13	643640	6085640	A	Sandy yellow brown till	0.45	none	washed, heavily oxidized, poorly sorted
JEC920033	13	643640	6085640	B	Silty sandy till	0.40	none	irreg. strat., compact, poorly sorted
JEC920034	13	642410	6080025	A	Sandy grey brown till	1.30	none	stratified, loose, numerous clasts
JEC920037	13	640850	6084650	A	Silty clay, glaciolacustrine	1.10	n/a	n/a
JEC920037	13	640850	6084650	B	Sand and gravel	0.20	-	poorly sorted
JEC920039	13	640525	6076265	A	Sandy diamicton	1.00	none	irreg. strat., loose, granite derived
JEC920042	13	639800	6090130	A	Sandy till	0.80	none	stratified, possibly ice contact, poorly sorted, loose
JEC920042	13	639800	6090130	B	Silty sandy till	0.50	none	gritty, poorly sorted, compact, abondant clasts
JEC920044	13	634500	6069150	A	Sandy diamicton	0.80	none	irreg. strat., loose, abondant clasts, poor sorting
JEC920044	13	634500	6069150	B	Silty sandy till	0.20	none	compact, abondant clasts, bouldery, poorly sorted
JEC920045	13	639175	6075730	A	Clayey silt	0.40	n/a	massive to faintly lam.
JEC920045	13	639175	6075730	B	Silty sandy till	0.60	none	irreg.strat., compact, poorly sorted
JEC920046	13	630610	6066175	A	Sandy till	1.00	none	irreg. strat., oxidized, fair sorting
JEC920047	13	632450	6066625	A	Till	0.20	n/a	patchy on bedrock
JEC920048	13	634000	6065325	A	Silty clay	0.50	n/a	massive to lam.
JEC920049	13	637850	6061125	A	Silty clay, glaciolacustrine	0.80	none	laminated
JEC920049	13	637850	6061125	B	Silty sandy till	0.30	none	massive to crudely strat., low clast content
JEC920051	13	634020	6064020	A	Sandy diamicton	0.40	n/a	massive, poorly sorted, oxidized, loose
JEC920051	13	634020	6064020	B	Silty sandy diamicton	0.60	n/a	fissile, fair sorting, compact
JEC920052	13	643865	6078050	A	Gravelly sand diamicton	0.65	none	massive, fair to poor sorting, loose, oxidized
JEC920052	13	643865	6078050	B	Silty clay	0.35	none	laminated, blocky
JEC920052	13	643865	6078050	C	Silty sandy till	0.30	n/a	poorly sorted, compact, abondant clasts

Appendix IV: Stratigraphy

Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
JEC920053	13	646760	6077800	A	Clayey silt	0.80	n/a	massive, laminated
JEC920053	13	646760	6077800	B	Silty sandy till	0.30	none	poorly sorted, compact
JEC920057	13	655720	6079510	A	Sand	0.20	none	massive, mod. well sorted
JEC920057	13	655720	6079510	B	Silty sandy till	0.35	none	compact, poorly sorted, abondant clasts
JEC920057	13	655720	6079510	C	Silty clay	0.10	n/a	faintly laminated, well sorted
JEC920057	13	655720	6079510	D	Silty sandy grey brown till	0.50	none	poorly sorted, compact, num. clasts
JEC920058	13	659550	6078850	A	Sand	1.00	none	stratified, very uniform, oxidized, well sorted
JEC920059	13	659375	6080830	A	Silty sand, glaciolacustrine	0.30	n/a	massive, washed till, numerous clasts
JEC920059	13	659375	6080830	B	Silty sandy till	0.10	none	poorly sorted, abondant clasts, compact
JEC920060	13	658840	6082330	A	Clayey silt	0.70	none	varves, well sorted
JEC920060	13	658840	6082330	B	SIlty sandy till	0.40	none	poorly sorted, mod. compact, abondant clasts
JEC920061	13	653425	6079760	A	Silty clayey	0.40	n/a	massive, well sorted, oxidized
JEC920061	13	653425	6079760	B	Silty sandy till	0.10	none	poorly sorted, abondant clasts
JEC920063	13	651450	6077080	A	Sandy gravelly diamicton	1.00	none	stratified, loose, fair sorting, clasts sub-ang. to ang.
JEC920063	13	651450	6077080	B	Silty sandy till	0.30	none	compact, abondant clasts, sub-ang. to ang.
JEC920064	13	642765	6082160	A	Silty sandy till	0.50	none	massive to crudely strat., compact, num. clasts
JEC920068	13	648775	6076600	A	Silty sand	0.30	n/a	massive
JEC920068	13	648775	6076600	B	Sandy diamicton	0.70	none	irreg. stratified, ang. to sub-rounded, compact
JEC920069	13	688865	6042365	A	Sandy silty blue grey till	1.00	weak	irrg. stratified, poorly sorted
JEC920070	13	687500	6040320	A	Sandy silty till	0.60	weak	compact, sub-ang. to ang., poorly sorted
JEC920072	13	684425	6035900	A	SIlty clay	0.20	none	massive, oxidized
JEC920072	13	684425	6035900	B	Silty till	0.30	none	fairly sorted, oxidized, compact
JEC920073	13	685460	6038825	A	Gravel	0.15	none	massive
JEC920073	13	685460	6038825	B	Gravelly clayey diamicton	0.15	strong	massive
JEC920073	13	685460	6038825	C	Silty till	0.40	strong	compact, clast rich
JEC920074	13	686150	6041600	A	Silty sandy brown till	0.30	none	poorly sorted, compact, sub-ang. to ang.
JEC920074	13	686150	6041600	B	Silty brown clay	0.25	none	massive to faintly laminated, oxidized, well sorted
JEC920074	13	686150	6041600	C	Silty sandy till	0.40	none	hard, unsorted, clasts sub-ang. to ang.
MOB920001	14	449581	6050986	A	Clayey brown diamicton	0.40	strong	clast poor
MOB920001	14	449581	6050986	B	Silty beige till	0.20	strong	abundant PC clasts
MOB920002A	14	450125	6045700	B	Medium grained sand, outwash	0.42	-	rippled, deformed, irr. diamictic layers
MOB920002A	14	450125	6045700	A	Sand & gravel lag, diamicton	0.25	-	poorly sorted, massive
MOB920002A	14	450125	6045700	C	Fine grained sand	1.10	-	climbing ripples, diamictic layers, deformed
MOB920002A	14	450125	6045700	D	Medium grained sand	2.00	-	climbing ripples, deformed
MOB920005	14	488769	5988394	A	Silty clay diamicton, glaciolacustrine	0.30	weak	massive, abundant PAL clasts
MOB920007	14	488968	5989096	A	Diamicton	0.15	weak	massive, pebbly, compact
MOB920009	14	487175	5983781	A	Clayey brown diamicton	0.15	none	massive
MOB920009	14	487175	5983781	B	Grey till	0.25	strong	fissile
MOB920012	14	489230	5990273	A	Clayey glaciolacustrine sediment	2.00	strong	massive, few dropstones
MOB920013	14	492399	6005012	A	Sand & gravel, littoral	3.00	-	sub-horizontally stratified, beach ridge
MOB920015	14	488482	6004479	A	Clayey brown silt	10.00	strong	massive, laminated at base
MOB920017	14	489048	6005732	A	Grey silt	0.30	strong	massive, fossiliferous
MOB920019	14	495053	6026599	B	Fine to medium grained sand, alluvial	2.00	-	rippled
MOB920019	14	495053	6026599	A	Medium grained sand	0.20	-	crossbedded, dipping to the west
MOB920020	14	495610	6027941	A	Clayey sand	20.00	moderate	trees within section, boulders at base
MOB920035	14	496578	6059712	A	Sandy grey till, lee-side	1.00	strong	loose, faintly stratified
MOB920037	14	493656	6056363	A	Peat	0.50	-	frozen
MOB920038	14	493686	6056135	A	Silty brown diamicton	1.00	strong	loose, pebbly

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB920039	14	493924	6055619	A	Med. to coarse grained sand, littoral	0.35	-	massive
MOB920039	14	493924	6055619	B	Pebbly sand, littoral	0.50	-	-
MOB920039	14	493924	6055619	C	Sandy diamicton	0.60	n/a	large sub-angular PAL clasts
MOB920040	14	493549	6055649	A	Silty sandy grey till	0.75	strong	massive, compact, clast poor
MOB920041	14	493219	6055850	A	Nearshore sand	0.25	-	massive
MOB920041	14	493219	6055850	B	Silty brown clay, glaciolacustrine	0.30	strong	massive, few dropstones
MOB920041	14	493219	6055850	C	Silty sandy till	0.50	strong	faintly stratified
MOB920043	14	452837	6045904	A	Stony orange till	0.75	strong	compact
MOB920047	14	448548	6035727	A	Sand & gravel, nearshore	0.40	-	stratified
MOB920047	14	448548	6035727	B	Grey till	0.20	strong	fissile
MOB920048	14	445619	6034922	A	Brown clay	0.30	strong	massive
MOB920048	14	445619	6034922	B	Grey diamicton	0.50	strong	loose
MOB920049	14	446685	6035147	A	Sand & gravel, nearshore	0.25	-	stratified
MOB920049	14	446685	6035147	B	Brown clay	0.25	n/a	interstratified diamictic layers
MOB920049	14	446685	6035147	C	Silty till	0.10	strong	compact
MOB920050	14	447492	6035510	A	Glaciolacustrine clay	0.05	n/a	massive
MOB920050	14	447492	6035510	B	Silty grey till	0.40	strong	compact, stony, interstratified silt layers
MOB920059	14	450709	6039200	A	Stony diamicton	0.25	n/a	massive, lag on surface
MOB920059	14	450709	6039200	B	Grey till	0.30	strong	fissile, compact
MOB920060	14	450629	6039708	A	Sand & gravel, nearshore	0.30	-	-
MOB920060	14	450629	6039708	B	Silty grey till	0.40	weak	compact, sub-fissile
MOB920064A	14	450100	6045550	A	Diamicton	0.50	n/a	disturbed, angular clasts
MOB920064A	14	450100	6045550	B	Silty beige till	1.10	strong	fissile, compact, sorted layers
MOB920064B	14	450100	6045550	A	Sand	0.25	none	massive
MOB920064B	14	450100	6045550	B	Sandy diamicton	0.15	n/a	massive, stony, leached
MOB920064B	14	450100	6045550	C	Clayey silty diamicton	0.35	strong	massive, contorted silt layers
MOB920064B	14	450100	6045550	D	Fine sand	0.30	n/a	massive, few dropstones
MOB920064C	14	450100	6045550	A	Diamicton	0.30	n/a	massive, stony, fining upward seq.
MOB920064C	14	450100	6045550	B	Glaciolacustrine clay and silt	1.00	strong	laminated, few dropstones
MOB920064C	14	450100	6045550	C	Sand	0.30	-	laminated, fining upward
MOB920067	14	449968	6059640	A	Washed sandy till	0.80	none	massive
MOB920067	14	449968	6059640	B	Silty clay	0.20	none	massive
MOB920078	14	448540	6066381	A	Silty clay	3.00	none/weakly	laminated
MOB920084	14	445872	6060150	A	Sandy till	0.60	none	fissile
MOB920085	14	445073	6061536	A	Sandy till	0.30	none	MVCC clasts mainly
MOB920088	14	444010	6063119	A	Sandy till	0.25	none	-
MOB920089	14	451286	6046942	A	Clayey diamicton	0.40	strong	massive, sub-rounded clasts
MOB920090	14	450027	6047298	A	Silty till	2.00	strong	-
MOB920092	14	443205	6055708	A	Sandy grey till	4.00	strong	stratified in top part
MOB920093	14	435300	6054050	A	Clay	0.30	strong	massive
MOB920093	14	435300	6054050	B	Sandy olive till	0.15	strong	-
MOB920095	14	427408	6053204	A	Sandy till	0.10	none	leached
MOB920096	14	427112	6053360	A	Sandy till	0.60	strong	fissile
MOB920099	14	424796	6052367	A	Silty sandy till	0.90	strong	boulder lag
MOB920101	14	424732	6051983	A	Silty diamicton, glaciolacustrine	1.00	strong	stratified, droptones
MOB920101	14	424732	6051983	B	Sand & gravel, ice contact	0.40	none	stratified, poorly sorted
MOB920102	14	424098	6051745	A	Sandy silty orange till	1.00	none	oxidized, leached
MOB920103	14	423569	6051703	A	Sandy till	2.00	weak	boulder lag, dark erratics mainly

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB920104	14	423032	6051296	A	Sandy till	1.00	none	possibly washed
MOB920106	14	422294	6051508	A	Sandy till	2.00	none	possibly leached, PAL pebbles present
MOB920107	14	422047	6051565	A	Brown glaciolacustrine clay	0.40	strong	massive, dropstones
MOB920107	14	422047	6051565	B	Silty till	0.15	strong	stony, compact
MOB920108B	14	421700	6051750	A	Silty sandy orange beige till	1.00	strong	boulder lag
MOB920110	14	418160	6052359	A	Sand & gravel, fluvioglacial	3.00	-	ridge
MOB920112	14	418023	6051261	A	Silty till	2.00	strong	compact, stony
MOB920113	14	416947	6050847	A	Silty till	1.00	strong	stony
MOB920118	14	416002	6049524	A	Silty till	1.00	strong	stony
MOB920119	14	416005	6050232	A	Till	1.00	strong	stony
MOB920121	14	414429	6049579	A	Sandy till	0.40	none	fissile, possibly leached
MOB920122	14	413654	6049067	A	Sand and gravel, nearshore	0.80	-	stratified, cross-bedded (260)
MOB920122	14	413654	6049067	B	Brown clay, glaciolacustrine	0.20	n/a	massive, dropstones
MOB920123	14	413627	6048921	A	Sand and gravel, nearshore	0.40	-	stratified, rounded clasts
MOB920123	14	413627	6048921	B	Brown clay, glaciolacustrine	0.10	none	massive
MOB920123	14	413627	6048921	C	Clayey brown diamicton	0.60	weak	stratified
MOB920124	14	413736	6048893	A	Sandy till	2.00	weak	clast rich
MOB920125	14	469913	5986124	A	Clayey diamicton	0.20	strong	massive
MOB920125	14	469913	5986124	B	Silty till	0.60	strong	sub-fissile
MOB920126	14	473613	5983765	A	Brown clay, glaciolacustrine	0.35	weak	laminated, few dropstones
MOB920126	14	473613	5983765	B	Silty till	0.20	strong	sub-fissile
MOB920127	14	479106	5983463	A	Sandy diamicton	0.15	n/a	massive
MOB920127	14	479106	5983463	B	Clayey silt	0.45	weak	massive, abundant dropstones
MOB920127	14	479106	5983463	C	Silt, glaciolacustrine	0.30	strong	massive, few dropstones
MOB920128	14	479925	5987750	A	Sand, nearshore	0.03	-	-
MOB920128	14	479925	5987750	B	Clayey diamicton	0.20	n/a	massive, rounded Pal. pebbles
MOB920128	14	479925	5987750	C	Silty till	0.30	strong	sub-fissile, D unit incorporated
MOB920128	14	479925	5987750	D	Clayey brown diamicton	0.10	n/a	massive
MOB920129	14	484187	5984311	A	Clayey brown diamicton	0.15	moderate	massive, rounded Pal. pebbles
MOB920129	14	484187	5984311	B	Silty orange beige till	0.30	strong	stony
MOB920130	14	473097	6002335	A	Alluvial silt	2.00	moderate	massive, organics at base
MOB920131	14	445097	6001910	A	Silty till	1.10	strong-weak	wet, leached on top
MOB920132	14	443149	6005364	A	Cobbles, littoral	0.35	-	stratified
MOB920132	14	443149	6005364	B	Silty till	0.20	n/a	leached, wet
MOB920133	14	437999	6002027	A	Shingle beach clasts in silty matrix	0.20	-	stratified, dolomitic rich
MOB920133	14	437999	6002027	B	Silty till	0.50	strong	stony and sub-fissile at base
MOB920134	14	443035	6011620	A	Brown clay	0.20	moderate	massive, no dropstones
MOB920134	14	443035	6011620	B	Silty grey till	0.40	strong	fissile
MOB920135	14	460238	6017459	A	Fine sand, nearshore	0.35	-	massive
MOB920135	14	460238	6017459	B	Brown clay	0.15	n/a	massive, no dropstones
MOB920135	14	460238	6017459	C	Silty till	0.30	strong	-
MOB920136	14	453458	6020735	A	Sand, nearshore	0.20	-	massive
MOB920136	14	453458	6020735	B	Pebbly diamicton	0.10	n/a	leached and oxidized
MOB920136	14	453458	6020735	C	Silty till	0.40	strong	sub-fissile, stony
MOB920137	14	444994	6020132	A	Clayey brown diamicton, glaciol.	0.25	n/a	massive
MOB920137	14	444994	6020132	B	Sandy till	0.70	strong	loose, deformed
MOB920138	14	436664	6018105	A	Brown clay	0.30	n/a	massive, no dropstones
MOB920138	14	436664	6018105	B	Clayey silty grey till	0.30	weak	loose, few clasts, sticky

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB920138	14	436664	6018105	C	Brown clay	0.20	n/a	massive, no dropstones, sticky
MOB920139	14	441387	6027536	A	Brown clay	0.30	n/a	massive, sticky
MOB920139	14	441387	6027536	B	Silty till	0.40	strong	loose, sub-fissile
MOB920140	14	453410	6029461	A	Grey clay	0.45	n/a	massive, reduced, few dropstones
MOB920140	14	453410	6029461	B	Silty sandy till	0.40	strong	sub-fissile, sticky, loose
MOB920141	14	460195	6031098	A	Washed till	0.30	n/a	stony, lag
MOB920141	14	460195	6031098	B	Silty till	0.30	strong	sub-fissile, very stony, compact
MOB920143	14	480115	6015181	A	Clayey diamicton	0.10	n/a	massive
MOB920143	14	480115	6015181	B	Silty grey beige till	0.40	strong	sub-fissile
MOB920145	14	479828	6021839	A	Silty till	0.60	strong	sub-fissile
MOB920146	14	488560	6032683	A	Medium grained sand, outwash	1.40	strong	massive, coarsening upward
MOB920147	14	482104	6044169	A	Gravelly sand / washed till	1.30	none	massive, angular clasts
MOB920148	14	482162	6044295	A	Sandy diamicton	0.40	n/a	intermixed clay layers
MOB920148	14	482162	6044295	B	Sandy till	0.30	strong	sub-fissile
MOB920152	14	490062	6063102	A	Silty till	0.70	strong	sub-fissile
MOB920159	14	480098	6083219	A	Silty till	0.85	none	lag, clast poor
MOB920160	14	499871	6122001	A	Sandy till	0.60	none	-
MOB920162	14	488359	6113447	A	Sandy till	0.50	none	somewhat stratified, sub-fissile
MOB920163	14	498900	6108550	A	Clayey diamicton	0.75	none	stratified, stony
MOB920168	14	445024	6097313	A	Sandy grey till	0.30	none	clast poor, reduced, below 30cm of peat
MOB920169	14	444966	6103186	A	Sandy till	0.65	none	oxidized, sand layers
MOB920170	14	445149	6111767	A	Sandy till	0.60	none	oxidized
MOB920171	14	445239	6118541	A	Till	0.60	none	sub-fissile, lag
MOB920172	14	461601	6119604	A	Boulder lag	0.20	-	stratified
MOB920172	14	461601	6119604	B	Till	0.60	none	-
MOB920173	14	464245	6112711	A	Till	0.60	none	bouldery
MOB920174	14	464585	6107124	A	Boulder lag/washed till	0.30	n/a	stratified
MOB920174	14	464585	6107124	B	Sandy till	0.05	none	oxidized
MOB920174	14	464585	6107124	C	Brown clay	0.20	none	massive, no dropstones
MOB920176	14	471618	6102102	A	Sandy olive grey till	0.90	none	fissile
MOB920177	14	466963	6096323	A	Washed till	0.40	n/a	-
MOB920179	14	457229	6074244	A	Sandy till	1.00	none	sub-fissile
MOB920180	14	473950	6057628	A	Clayey diamicton	0.30	n/a	massive
MOB920180	14	473950	6057628	B	Silty grey till	1.00	strong	sub-fissile
MOB920181	14	460605	6055996	A	Brown clay	0.40	none	massive, pebble lag, few dropstones
MOB920181	14	460605	6055996	B	Sandy till	0.55	strong	sub-fissile, clay lenses
MOB920182	14	456780	6043730	A	Brown clay	0.15	none	massive, few dropstones
MOB920182	14	456780	6043730	B	Silty till	0.35	strong	sub-fissile
MOB920183	14	444463	6046879	A	Sand & gravel, nearshore	0.25	-	-
MOB920183	14	444463	6046879	B	Till	0.40	strong	stony
MOB920184	14	437296	6044050	A	Clayey diamicton	0.30	n/a	massive
MOB920184	14	437296	6044050	B	Silty till	0.40	strong	sub-fissile, very stony
MOB920185	14	447067	6037421	A	Silty clayey till	0.30	strong	clay lenses
MOB920185	14	447067	6037421	B	Silty orange till	0.20	strong	stony, compact
MOB920186	14	413788	6049313	A	Sand and gravel, nearshore	1.50	-	stratified (hor. & cross-bed.), round. clasts
MOB920186	14	413788	6049313	B	Brown clay	0.30	n/a	massive
MOB920188	14	414265	6048923	A	Silty sandy till	0.40	strong	stony
MOB920189	14	413923	6048725	A	Clayey brown till	0.40	n/a	abundant angular clasts

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB920190	14	412243	6047565	A	Silty sandy till	1.50	strong	stony
MOB920192	14	407528	6044548	A	Silty till	0.40	strong	somewhat stratified, clast poor, silty layers
MOB920193	14	407837	6043956	A	Clayey diamicton	0.25	n/a	massive, rounded cobbles
MOB920193	14	407837	6043956	B	Fine sand	3.00	-	rippled, deformed on top
MOB920194	14	408137	6042729	A	Sandy grey till	0.30	strong	clast rich, loose
MOB920195	14	409407	6043109	A	Sandy grey till	0.30	strong	small clasts abundant
MOB920196	14	406262	6042259	A	Sandy grey till	0.35	strong	-
MOB920198	14	437250	6068800	A	Washed till	0.30	n/a	-
MOB920198	14	437250	6068800	B	Sandy till	0.40	none	compact, no dlmt clasts
MOB920199	14	437600	6066450	A	Silty-sandy olive-grey till	0.70	none	compact, sub-fissile, no dlmt clasts
MOB920200	14	437325	6066050	A	Sand and gravel/boulder lag, nearshore	0.30	-	-
MOB920200	14	437325	6066050	B	Sandy till	0.80	strong	somewhat stratified
MOB920201	14	437650	6065850	A	Sandy olive grey till	0.60	none	sub-fissile, lee-side, no dlmt
MOB920202	14	437000	6065850	A	Washed till	0.35	n/a	crudly stratified
MOB920203	14	436850	6066500	A	Sand and gravel/boulder lag, nearshore	0.40	-	stratified
MOB920203	14	436850	6066500	B	Sandy diamicton	0.45	none	possibly leached and oxidized
MOB920204	14	436550	6066000	A	Sandy till	1.20	none	oxidized, no dlmt
MOB920205	14	436650	6065625	A	Sandy grey till	0.45	none	sligthly oxidized, no dlmt
MOB920206	14	436825	6065400	A	Sandy grey till	1.00	moderate	leached above 45 cm
MOB920207	14	436725	6065450	A	Silty sandy till	1.10	weak	dlmt clasts are abundant
MOB920208	14	436850	6065050	A	Sandy till	1.10	weak	sub-fissile
MOB920209	14	430576	6081439	A	Sandy till	0.95	none	washed
MOB920210	14	430755	6081361	A	Brown clay	0.20	n/a	massive, oxidized
MOB920210	14	430755	6081361	B	Silty olive grey till	0.40	none	sub-fissile, layers of silt
MOB920211	14	430913	6081824	A	Sandy olive grey till	0.90	none	crudely stratified
MOB920212	14	431078	6081813	A	Sandy till	0.65	none	sub-fissile, sligthly oxidized
MOB920213	14	430632	6081929	A	Sandy till	1.10	none	sligthly oxidized
MOB920214	14	440050	6097100	A	Silty till	0.35	none	compact, sub-fissile
MOB920214	14	440050	6097100	B	Sandy till	0.40	none	loose, oxidized
MOB920215	14	437775	6104100	A	Sandy olive grey till	0.60	none	sub-fissile, lag
MOB920216	14	439449	6109142	A	Sandy diamicton	0.80	none	stony, some layers oxidized
MOB920217	14	456511	6119192	A	Sandy silty till	0.75	none	some oxidation
MOB920218	14	469484	6114570	A	Washed till	1.10	none	somewhat stratified, matrix washed
MOB920219	14	467960	6099299	A	Sandy till	0.65	none	oxidized
MOB920220	14	458353	6095664	A	Washed till	0.60	none	-
MOB920222	14	430766	6082505	A	Sandy till	0.50	none	oxidized
MOB920223	14	430456	6081195	A	Medium grained sand, nearshore	0.75	none	stratified, oxidized
MOB920224	14	430494	6081271	A	Sandy till	0.60	none	clast poor
MOB920224	14	430494	6081271	B	Pebbly sand	0.20	-	oxidized
MOB920225	14	452900	6067950	A	Sandy till	0.45	none	sub-fissile
MOB920225	14	452900	6067950	B	Silty sandy brown till	0.20	none	
MOB920225	14	452900	6067950	C	Silty grey till	0.60	strong	sub-fissile
MOB920226	14	457650	6065725	A	Sandy grey till	0.60	none	sub-fissile
MOB920227	14	465650	6063550	A	Sandy till	0.35	strong	dlmt clasts present
MOB920228	14	466005	6069900	A	Silty till	0.75	none	-
MOB920229	14	461250	6075250	A	Sandy till	0.35	none	-
MOB920229	14	461250	6075250	B	Clayey sandy till	0.20	none	faintly stratified
MOB920229	14	461250	6075250	C	Sand and gravel	0.10	-	-

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB920230	14	462075	6080250	A	Sandy till	0.70	none	sub-fissile
MOB920231	14	467970	6086450	A	Bouldery till	0.50	none	-
PAT920001	14	437200	6065600	A	Sandy brownish yellow till	1.00	weak	compact, fissile, sligthly leached & oxidized
PAT920002	14	436700	6065150	A	Clayey brown diamicton	0.60	none	massive, compact, oxidized
PAT920003	14	436400	6064450	A	Sandy grey till	0.50	none	oxidized, lee-side
PAT920004	14	436800	6064250	A	Sandy brown beige till	0.70	none	no dlmt, lee-side
PAT920005	14	436775	6064700	A	Sandy light brown till	0.50	none	no dlmt, clast rich, compact, oxidized
PAT920006	14	436850	6064800	A	Sandy grey till	0.50	none	sandy layers, compact
PAT920007	14	436800	6065225	A	Sandy till	0.50	none	lee-side, oxidized & leached
PAT920008	14	437225	6065200	A	Sandy till	0.40	weak	no dlmt
PAT920009	14	436450	6065100	A	Sandy olive grey till	0.30	none	no dlmt, compact
WAT920001	14	437763	6058408	A	Sandy brown-grey till	0.50	weak	clast rich, mainly Prec.
WAT920002	14	439234	6055866	A	Clay	0.50	weak	massive
WAT920004	14	488133	5986132	A	Silty light grey till	0.60	strong	compact, sub-fissile
WAT920005	14	489432	6001813	A	Peat	0.40	-	dry, moderately decomposed
WAT920005	14	489432	6001813	B	Glaciolacustrine clay	2.00	n/a	massive, compact, no dropstones
WAT920006	14	497585	6036956	A	Fine sand, nearshore	1.30	-	massive
WAT920006	14	497585	6036956	B	Medium-coarse grained sand, nearshore	1.00	-	massive, coarsening downward, pebbly
WAT920007	14	497707	6038531	A	Medium grained sand, littoral	1.00	-	pebbly, massive
WAT920007	14	497707	6038531	B	Clayey silt	0.40	n/a	massive, reduced, compact
WAT920007	14	497707	6038531	C	Fine to very fine grained sand	0.20	n/a	-
WAT920008	14	497096	6041514	A	Peat	0.80	-	massive, sandy inclusions
WAT920008	14	497096	6041514	B	Pebbly fine grained sand	0.90	-	crossbedded, rippled, laminated
WAT920008	14	497096	6041514	C	Very fine grained sand	1.00	n/a	laminated, more pebbly downward
WAT920009	14	492044	6055996	A	Fine grained sand	3.00	n/a	laminated, graded, coarsening downward
WAT920010	14	491755	6056108	A	Interbedded silt and clay	0.50	strong	laminated, dropstones in clay
WAT920010	14	491755	6056108	B	Diamicton	0.10	strong	massive, rounded clasts
WAT920010	14	491755	6056108	C	Pebbly sand	2.00	-	cobbly, poorly sorted, massive to lam.
WAT920011	14	493196	6056073	A	Silty sand, nearshore	0.10	none	massive, pebbly, organic rich
WAT920011	14	493196	6056073	B	Silt and clay	0.15	strong	laminated, graded
WAT920011	14	493196	6056073	C	Sandy silty till	0.50	strong	stratified
WAT920012	14	486471	6056775	A	Interbedded sand and clay	2.00	n/a	laminated, graded, rippled sand layers
WAT920015	14	452428	6046513	A	Silty grey beige till diamicton	0.80	strong	fissile
WAT920016	14	450336	6046454	A	Silt	0.10	n/a	faintly laminated
WAT920016	14	450336	6046454	B	Pebbly sand, littoral	0.15	none	massive, oxidized, poorly sorted
WAT920016	14	450336	6046454	C	Very fine grained sand	0.20	n/a	massive, oxidized
WAT920016	14	450336	6046454	D	Clayey reddish-brown diamicton	0.10	n/a	massive, oxidized
WAT920016	14	450336	6046454	E	Silt and clay	0.30	n/a	laminated
WAT920016	14	450336	6046454	F	Sandy grey till	1.50	strong	sub-fissile, pebbly near top
WAT920017	14	449871	6047711	A	Silty light grey till	0.70	strong	fissile, orangy strings
WAT920018	14	449401	6050524	A	Clay diamicton	0.30	n/a	massive
WAT920018	14	449401	6050524	B	Silty beige-grey till	0.60	strong	fissile, dlmt clasts abundant, orangy strings
WAT920019	14	450463	6050864	A	Silty light grey till	0.80	n/a	fissile, compact
WAT920020	14	447536	6052245	A	Silty beige-grey till	1.00	strong	fissile, orangy strings
WAT920030	14	436653	6054329	A	Sandy grey till	1.00	moderate	fissile
WAT920032	14	443918	6055391	A	Sandy silty till	0.85	weak	some sorting, silt layers, clay lens
WAT920034	14	441520	6056933	A	Silty sandy grey till	0.80	strong	some sorting, sandy layers, pebble poor
WAT920036	14	440586	6060315	A	Sandy till	0.55	none	fissile, oxidized

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
WAT920038	14	449072	6056767	A	Brown clay	1.00	n/a	massive, dropstones
WAT920039	14	449148	6057254	A	Silt and clay	1.00	n/a	interbedded
WAT920043	14	433442	6053269	A	Brown clay	1.00	n/a	massive
WAT920044	14	433231	6052330	A	Silty olive grey till	0.80	strong	fissile, compact
WAT920045	14	434168	6051494	A	Sandy silty greyish green till	1.00	strong	fissile, compact
WAT920046	14	435292	6053900	A	Glaciolacustrine clayey silt	1.00	n/a	dropstones, massive
WAT920047	14	432046	6053177	A	Peat	0.70	-	massive, compact
WAT920047	14	432046	6053177	B	Greenish grey clay	0.50	weak	massive, dropstones, reduced
WAT920047	14	432046	6053177	C	Silty greenish grey till	0.80	strong	fissile, reduced
WAT920050	14	429743	6053092	A	Silty till	0.50	weak	fissile, oxidized, partly leached
WAT920051	14	421757	6051069	A	Sandy greenish grey till	1.00	weak	fissile
WAT920053	14	421011	6051809	A	Clay	1.20	n/a	massive
WAT920053	14	421011	6051809	B	Silty sandy till	0.80	weak	boulder lag
WAT920054	14	420578	6051908	A	Silty pale beige till	1.00	strong	fissile, angular clasts, clast rich
WAT920056	14	420100	6051007	A	Sandy greenish grey till	2.00	weak	fissile
WAT920057	14	418507	6052535	A	Silty pale yellow till	1.00	strong	fissile, angular clasts, all dlmt clasts
WAT920058	14	419947	6052417	B	Silty pale yellow till	0.80	strong	clast rich, compact, mainly dlmt clasts
WAT920058	14	419947	6052417	A	Peat	0.20	-	massive
WAT920059	14	419301	6051720	A	Sandy grey till	2.00	weak	fissile, compact
WAT920060	14	412040	6047178	A	Sandy till	2.00	strong	compact, angular clasts
WAT920061	14	411762	6047204	A	Silty pale beige till	1.00	strong	clast rich, compact
WAT920062	14	411245	6046891	A	Silty beige-grey till	2.00	strong	fissile, angular clasts, compact
WAT920063	14	410518	6046931	A	Leached sandy till	3.00	weak	washed in top part, oxidized
WAT920063	14	410518	6046931	B	Unleached silty sandy till	2.00	strong	compact, clast rich
WAT920064	14	408294	6046973	A	Silty till	1.00	weak	fissile, compact, clast rich
WAT920065	14	408877	6047501	A	Silty pale grey till	2.00	strong	fissile
WAT920066	14	407808	6046795	A	Silty pale grey till	1.00	strong	fissile, clast rich
WAT920068	14	407504	6047946	A	Silty light brown till	2.00	weak	fissile, slightly oxidized
WAT920069	14	406935	6046806	A	Brown clay	1.50	weak	massive, few dropstones
WAT920069	14	406935	6046806	B	Silty till	2.00	strong	fissile, angular clasts, compact
WAT920070	14	406276	6047037	A	Ice contact diamicton	2.00	strong	horizontally stratified, clast rich, ang. clasts
WAT920070	14	406276	6047037	B	Clayey brown diamicton	1.00	weak	massive, discontinuous
WAT920070	14	406276	6047037	C	Sandy clayey olive-brown diamicton	2.00	strong	Prec. clasts present
WAT920071	14	405667	6048360	A	Pebbly sand and silt	0.30	n/a	laminated, oxidized, coarsening upward
WAT920071	14	405667	6048360	B	Silty brown grey till	1.00	weak	oxidized, some sorting
WAT920072	14	403895	6048603	A	Silty till	1.00	weak	slightly washed, Pal. sandstones abundant
WAT920074	14	484967	5994440	A	Clay	0.25	n/a	massive
WAT920074	14	484967	5994440	B	Silty pale grey till	1.00	strong	stony, dlmt clasts abundant
WAT920075	14	486237	5999358	A	Washed till	0.40	n/a	sandy
WAT920075	14	486237	5999358	B	Clayey silty pale brown till	1.00	strong	fissile, clast rich, ang. clasts
WAT920076	14	468667	6008703	A	Sandy silt	0.20	n/a	oxidized, pebbly
WAT920076	14	468667	6008703	B	Silty till	0.35	strong	massive
WAT920077	14	461126	6000668	A	Glaciolacustrine sand over clay	0.90	n/a	massive
WAT920077	14	461126	6000668	B	Silty beige grey till	0.50	strong	fissile, compact, clast rich
WAT920078	14	402170	6048956	A	Sand, littoral	0.30	none	massive, pebbly
WAT920078	14	402170	6048956	B	Silty till	0.30	strong	boulder rich, oxidized
WAT920079	14	401189	6049566	A	Sandy olive till	1.00	weak	fissile, Prec. clasts abundant
WAT920080	14	400978	6048860	A	Pebbly sand	0.75	-	-

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
WAT920080	14	400978	6048860	B	Silt and clay	0.60	n/a	laminated
WAT920081	14	400171	6046924	A	Silty beige grey till	2.00	strong	compact, stony, dlmt clasts abundant
WAT920082	14	400563	6047832	A	Silty greenish grey till	1.00	strong	fissile, compact
WAT920084	14	399635	6049019	A	Silty green till	2.00	strong	fissile, greenschists clast abondant, compact
WAT920086	14	443601	6063696	A	Sandy dark grey till	1.00	none	all Prec. clasts, compact
WAT920088	14	441511	6063631	A	Sandy dark grey till	1.00	none	fissile, all Prec. clasts
WAT920091	14	439712	6063811	A	Sandy silty till	1.00	none	washed, oxidized
WAT920093	14	398112	6048987	A	Silty clay	0.30	weak	massive
WAT920093	14	398112	6048987	B	Silty beige grey till	0.25	strong	compact, fissile
WAT920093	14	398112	6048987	C	Brown glaciolacustrine clay	0.30	weak/mod.	massive, few silty laminations, compact
WAT920093	14	398112	6048987	D	Pebbly fine to medium grained sand	0.30	strong	poorly sorted
WAT920094	14	397064	6048741	A	Silty till	0.60	strong	fissile, compact, angular dlmt clasts
WAT920096	14	394992	6047980	A	Silty till	1.00	strong	fissile, compact, stony
WAT920097	14	396619	6047562	A	Silty beige till	1.00	strong	angular clasts
WAT920098	14	393441	6048912	A	Silty till	1.00	strong	fissile, compact, angular dlmt clasts
WAT920099	14	394420	6048878	A	Silty sandy till	1.00	weak	angular clasts
WAT920100	14	438431	6121374	A	Pebbly sand	0.30	none	-
WAT920100	14	438431	6121374	B	Silty clayey dark grey diamicton	1.00	none	reduced
WAT920101	14	454246	6113844	A	Sandy beige grey till	1.30	none	fissile
WAT920102	14	452692	6107468	A	Sandy beige grey till	1.00	none	fissile, compact
WAT920104	14	475694	6109933	A	Sandy pale grey till	0.55	none	fissile, oxidized, clast rich, compact
WAT920104	14	475694	6109933	B	Brown clay and silt	0.35	none	laminated, few dropstones
WAT920105	14	480565	6101983	A	Medium to coarse grained sand	0.75	none	pebbly, stratified, boulder rich
WAT920105	14	480565	6101983	B	Dark brown weathered bedrock	0.30	none	massive, coarse grained
WAT920107	14	472957	6086600	A	Silty sandy till	0.60	none	fissile, boulder lag
WAT920108	14	468843	6080860	A	Fine sandy diamicton, colluvial	0.40	n/a	angular local lithologies
WAT920109	14	466628	6075287	A	Washed sandy till	0.35	none	massive
WAT920109	14	466628	6075287	B	Sandy till	0.70	none	fissile
WAT920110	14	452797	6055250	A	Pebbly sand and silt	0.20	n/a	laminated
WAT920110	14	452797	6055250	B	Silty sandy beige grey till	1.00	weak	angular clasts (dlmt)
WAT920111	14	444487	6043305	A	Silty pale grey till	2.00	strong	fissile, shingle clast cover
WAT920112	14	437390	6038430	A	Silty pale grey till	2.00	strong	fissile, drumlin
WAT920113	14	392630	6049740	A	Silty pale grey beige till	2.00	strong	fissile, compact, few boulders
WAT920115	14	391753	6051147	A	Brown clay	0.75	weak	massive
WAT920115	14	391753	6051147	B	Fine sand + silt	0.20	none/weak	laminated, coarsening downward
WAT920115	14	391753	6051147	C	Sandy dark brown to grey diamicton	2.00	none/weak	faint fissily, washed
WAT920116	14	390360	6051099	A	Fine to medium grained sand over clay	0.35	none	laminated, massive
WAT920116	14	390360	6051099	B	Silty sandy till	0.40	none/weak	compact, fissile, Prec. clasts dom.
WAT920117	14	389335	6051273	A	Silty pale grey till	0.15	none	fissile, ang. Prec. clasts
WAT920117	14	389335	6051273	B	Silt	0.30	none	laminated, few pebbles
WAT920117	14	389335	6051273	C	Silty beige grey till	0.10	none	fissile, Prec. clasts dom.
WAT920120	14	411304	6048156	A	Clayey sandy diamicton	0.40	none	oxidized, compact
WAT920120	14	411304	6048156	B	Brown clay	0.20	none	massive, few dropstones
WAT920121	14	407786	6048874	A	Sandy dark grey diamicton	0.40	weak	pebbly, compact
WAT920121	14	407786	6048874	B	Clay	0.30	n/a	massive
WAT920126	14	430706	6081497	A	Sandy olive grey till	0.50	none	oxidized in upper part
WAT920127	14	430706	6081698	A	Sandy till	0.45	none	fissile, oxidized
WAT920128	14	430821	6081877	A	Sandy till	1.00	none	fissile, compact, oxidized

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
WAT920129	14	430905	6082109	A	Peat	0.30	-	-
WAT920129	14	430905	6082109	B	Sandy till	0.80	none	oxidized, sand layers
WAT920130	14	431012	6082239	A	Sandy olive grey till	0.60	none	fissile, lag
WAT920131	14	431124	6082449	A	Sandy greenish grey till	0.65	none	-
WAT920132	14	431163	6082613	A	Silty sand	0.20	none	laminated
WAT920132	14	431163	6082613	B	Sandy olive grey till	0.65	none	fissile
WAT920133	14	430957	6080932	A	Sandy olive grey till	1.00	none	-
WAT920134	14	430993	6081317	A	Silty diamicton, glaciolacustrine	0.35	none	massive
WAT920134	14	430993	6081317	B	Silt and clay, glaciolacustrine	0.40	none	laminated
WAT920135	14	430928	6081184	A	Sandy till	1.00	none	boulder rich
WAT920137	14	449083	6055772	A	Silty diamicton, colluvial	1.00	strong	loose, dlmt clasts only
WAT920138	14	449069	6055501	A	Fine to med. grained sand, nearshore	0.95	none	massive, oxidized
WAT920138	14	449069	6055501	B	Clayey diamicton	0.20	weak	massive, stony
WAT920138	14	449069	6055501	C	Glaciolacustrine brown clay	1.00	weak	laminated
WAT920139	14	448917	6055007	A	Glaciolacustrine brown clay	0.80	weak	massive, some silt lamin., few dropstones
WAT920139	14	448917	6055007	B	Sandy olive grey till	1.00	weak	fissile
JEC930002	13	638966	6082010	A	Sandy brown till	1.00	none	crudely stratified, oxidized, loose
JEC930004	13	636744	6079511	A	Silty sandy brown to grey diamicton	1.00	none	crudely stratified, sand lenses
JEC930006	13	638205	6079537	A	Sandy brown till	0.90	none	oxidized
JEC930006	13	638205	6079537	B	Silty sandy grey till	0.20	none	compact
JEC930007	13	644960	6068731	A	Silty sandy till	0.90	none	silt coated clasts
JEC930007	13	644960	6068731	B	Silty sandy grey brown till	0.30	none	silt coated clasts, compact
JEC930008	13	645225	6070326	A	Silty sandy brown till	0.65	none	clast rich
JEC930009	13	646400	6072701	A	Silty sandy brown diamicton	0.70	none	clast poor, oxidized, washed
JEC930009	13	646400	6072701	B	Silty sandy grey brown till	0.20	none	hard, compact
JEC930010	13	647000	6074440	A	Silty sand, nearshore	0.75	none	massive, poorly sorted
JEC930010	13	647000	6074440	B	Silty sandy brown till	0.40	none	oxidized, clast rich
JEC930011	13	654103	6070545	A	Gravel & sand	0.40	none	massive, oxidized
JEC930011	13	654103	6070545	B	Fine to medium grained sand, outwash	0.30	none	massive, clean
JEC930012	13	652900	6063800	A	Silty clay	0.50	none	laminated, oxidized
JEC930012	13	652900	6063800	B	Silty sandy grey brown till	0.40	none	compact, deformed lam. at base
JEC930015	13	652450	6066591	A	Silty sandy till	0.60	none	clast rich
JEC930016	13	652090	6069970	A	Silty sandy till	1.10	none	fissile, clast rich, compact
JEC930017	13	652950	6072090	A	Fine to medium grained sand	0.65	none	massive, clean, oxidized
JEC930017	13	652950	6072090	B	Silty sandy grey till	0.15	none	sub-fissile, compact
JEC930018	13	655300	6074355	A	Sand and gravel, outwash	1.00	none	stratified, rounded clasts, cross-bedded
JEC930022	13	655150	6075230	A	Silty sandy diamicton, flow till	0.40	none	massive
JEC930022	13	655150	6075230	B	Sand & silt	0.35	none	interlaminated, cross-laminated
JEC930022	13	655150	6075230	C	Gravel	0.25	none	poorly sorted, stratified
JEC930022	13	655150	6075230	D	Sandy diamicton, flow till	0.50	none	sub-fissile, clast rich
JEC930022	13	655150	6075230	E	Gravel & sand	0.20	none	massive, clean
JEC930023	13	655000	6075330	A	Silty sandy grey brown till	0.90	none	compact
JEC930024	13	637945	6066401	A	Silty sandy till	0.80	none	compact
JEC930028	13	640950	6060185	A	Silty sandy till	1.00	none	sub-fissile, clast rich
JEC930030	13	641250	6068203	A	Silty sandy till	0.40	none	gravelly, clast rich, lenses of lam. clay
JEC930030	13	641250	6068203	B	Silty clay	0.70	none	laminated, orangy sandy silt lamin.
JEC930031	13	644520	6065960	A	Silty sandy brown till	0.50	none	oxidized, compact
JEC930031	13	644520	6065960	B	Sand & silt	0.30	none	laminated, clay lamin., dropstones

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
JEC930033	13	641540	6065830	A	Gravelly till	0.80	none	washed
JEC930033	13	641540	6065830	B	Sandy till	0.20	none	clast rich, compact
JEC930034	13	643550	6062050	A	Silty sandy till	1.00	none	irregularly strat., fissile, compact, calc. lens
JEC930036	13	641860	6058265	A	Silty sandy till	0.40	none	high clay content, compact, oxidized
JEC930038	13	659820	6094300	A	Silty sandy grey till	0.70	none	compact, clast rich
JEC930042	13	658550	6091550	A	Silty sandy till	0.90	none	compact, sand lamin.
JEC930044	13	658500	6087660	A	Silty sandy grey brown till	0.50	none	boulder lag
JEC930046	13	659845	6085700	A	Silty sandy grey brown till	0.60	none	compact, clast rich
JEC930046	13	659845	6085700	B	Silty sandy grey brown till	0.20	none	irr. stratified
JEC930049	13	672880	6039812	A	Sandy diamicton, flow till	0.40	none	massive to irr. strat., loose, oxidized
JEC930049	13	672880	6039812	B	Brown silty clay	0.50	moderate	laminated
JEC930049	13	672880	6039812	C	Sandy silty grey till	0.30	moderate	high clay content, clast rich, compact
JEC930051	13	675275	6041600	A	Silty sandy brown till	1.00	none	irreg. strat., compact
JEC930054	13	675225	6036880	A	Silty clayey brown till	0.50	none	compact, oxidized, leached
JEC930054	13	675225	6036880	B	Silty sandy till	0.35	none	compact
JEC930054	13	675225	6036880	C	Sandy silty grey brown till	0.20	strong	compact, hard, CaCO3 layers
JEC930055	13	677615	6038335	A	Sandy silty till	0.90	none	fissile, compact
JEC930056	13	681985	6041348	A	Sandy silty grey brown till	0.90	strong	blocky texture, compact, clast rich
JEC930057	13	679770	6034840	A	Sandy silty greenish grey till	0.75	moderate	compact, hard, CaCO3 layers
JEC930058	13	681560	6038525	A	Sandy diamicton	0.20	none	gravelly, loose
JEC930058	13	681560	6038525	B	Silty clay	0.50	none	dropstones, massive to laminated
JEC930058	13	681560	6038525	C	Silty sandy till	0.20	weak	compact, hard, CaCO3 layers
JEC930059	13	693340	6036480	A	Sandy silty grey till	0.80	strong	compact
JEC930060	13	691095	6037435	A	Silty grey brown till	0.80	strong	high clay content, clast rich, compact
JEC930061	13	690555	6041228	A	Silty sandy till	0.20	none	gravelly, oxidized
JEC930061	13	690555	6041228	B	Clay and silt	0.75	weak	laminated
JEC930061	13	690555	6041228	C	Silty sandy grey brown till	0.40	moderate	blocky, CaCO3 layers
JEC930062	13	693720	6042430	A	Silty sandy till	0.60	weak	compact, clay rich
JEC930062	13	693720	6042430	B	Clayey silt	0.50	strong	laminated
JEC930064	14	308160	6042520	A	Silty sandy grey brown till	0.80	strong	fissile, compact, clast rich
JEC930065	13	689644	6032454	A	Sandy silty grey brown till	0.80	strong	compact
JEC930068	13	688161	6035980	A	Silty grey brown till	0.80	strong	high clay content, sticky
MOB930001	14	432993	5983988	A	Silty grey till	0.45	strong	massive, sub-fissile
MOB930001	14	432993	5983988	B	Sandy till	0.25	strong	irregularly stratified
MOB930003	14	438370	5989760	A	Silty grey till	0.60	strong	sub-fissile, clast poor
MOB930007	14	442543	5997379	A	Silty stony grey till	0.40	strong	fissile, compact
MOB930015	14	458927	5996929	A	Silty grey till	0.35	strong	sub-fissile, loose structure
MOB930018	14	452792	5995076	A	Sand and gravel, littoral	0.35	-	stratified
MOB930018	14	452792	5995076	B	Silty grey till	0.30	strong	sub-fissile, loose structure
MOB930018	14	452792	5995076	C	Pebbly orange till	0.10	very strong	irreg. lens of oxydized till, very compact
MOB930021	14	450386	6007798	A	Clay and silt, pebble lag	0.20	strong	massive
MOB930021	14	450386	6007798	B	Clayey silty grey till	0.30	strong	fissile, clast poor
MOB930022	14	396119	6010305	A	Silty grey till	1.60	strong	fissile
MOB930022	14	396119	6010305	B	Pebbly sandy grey till	0.50	strong	sub-fissile, compact
MOB930028	14	392250	6003887	A	Silty grey till	0.60	strong	fissile
MOB930028	14	392250	6003887	B	Stony oxydized till	0.15	strong	sub-fissile, compact
MOB930030	14	350273	5989115	A	Moss peat	0.50	-	very decomposed at bottom
MOB930030	14	350273	5989115	B	Silty-sandy beige-rusty till	0.90	weak	wet, clast poor

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB930031	14	349429	5992307	A	Silty pink till	0.60	strong	fissile, loose on surface
MOB930032	14	347659	5997180	A	Sand and gravel, littoral	0.15	-	horizontally stratified
MOB930032	14	347659	5997180	B	Silty grey till	0.60	strong	fissile
MOB930032	14	347659	5997180	C	Brown silt and clay	0.60	weak	massive, till lens
MOB930033	14	383791	5994607	A	Glaciolacustrine grey silt	0.30	strong	massive
MOB930033	14	383791	5994607	B	Silty till	0.65	strong	irregularly stratified, clast poor
MOB930040	14	346832	5999678	A	Stony orange till	0.35	strong	compact
MOB930041	14	339073	5998634	A	Silty-stony orange till	0.60	strong	compact, oxidized color
MOB930048	14	350090	6002408	A	Silty pink till	0.30	strong	very compact
MOB930050	14	349715	5997955	A	Sand and boulder lag, littoral	0.40	strong	massive
MOB930050	14	349715	5997955	B	Silty till	0.35	weak	sticky, clast poor
MOB930051	14	352172	5999730	A	Gravel and sand, littoral	0.65	-	crudely stratified
MOB930051	14	352172	5999730	B	Silty grey till	0.15	weak	oxidized, clast rich
MOB930052	14	351677	6001231	A	Brown till	0.45	strong	loose, clast poor
MOB930052	14	351677	6001231	B	Stony orange brown till	0.25	very strong	compact
MOB930053	14	353564	6010831	A	Silty clayey brown till	0.50	strong	clast poor
MOB930054	14	351228	6011785	A	Clay and silt	0.20	weak	laminated
MOB930054	14	351228	6011785	B	Stony orange till	0.25	strong	compact
MOB930055	14	346775	6012468	A	Clayey grey-brown till	0.65	moderate	some laminations, clast poor
MOB930056	14	343494	6010711	A	Sandy till	0.35	very weak	compact, clast rich
MOB930056	14	343494	6010711	B	Brown silt and clay, glaciolacustrine	0.25	n/a	massive, compact
MOB930058	14	345944	6003674	A	Silt and clay	0.10	n/a	massive
MOB930058	14	345944	6003674	B	Pebbly orange till	0.18	strong	-
MOB930062	14	337971	6007921	A	Fine grained diamicton	0.35	n/a	massive, blocky
MOB930062	14	337971	6007921	B	Silty orange till	0.30	strong	-
MOB930063	14	345525	6011531	A	Clayey brown till	2.50	strong	massive to laminated
MOB930064	14	345154	6011492	A	Clayey sandy brown till	0.45	weak	laminated
MOB930064	14	345154	6011492	B	Silt and clay, glaciolacustrine	0.22	weak	laminated, deformed, till lens
MOB930064	14	345154	6011492	C	Silty orange till	0.12	strong	compact, clast rich
MOB930064	14	345154	6011492	D	Orange brown till	0.10	strong	compact, oxidized color
MOB930068	14	461935	5991161	A	Peat	0.75	-	fairly decomposed
MOB930069	14	392119	6002869	A	Fen peat	1.80	-	fairly decomposed
MOB930069	14	392119	6002869	B	Alluvial silts	0.25	n/a	massive, fossiliferous
MOB930070	14	351011	5998843	A	Peat	1.45	-	frozen in part
MOB930070	14	351011	5998843	B	Sand, littoral	0.25	-	massive
MOB930071	14	355418	6015172	A	Sandy grey till	0.90	strong	clast poor
MOB930072	14	360400	6018029	A	Brown clay	0.15	n/a	massive
MOB930072	14	360400	6018029	B	Sandy grey till	0.40	strong	fissile, compact
MOB930073	14	346189	6012293	A	Sandy silty brown till	1.50	strong	fissile, compact, coarsening upward
MOB930073	14	346189	6012293	B	Clay and silt, glaciolacustrine	0.40	weak	massive
MOB930073	14	346189	6012293	C	Sandy till	0.90	moderate	fissile
MOB930074	14	348975	6014506	A	Silty grey brown till	0.60	moderate	fissile, compact, clast rich
MOB930075	14	345167	6016156	A	Sand and gravel, littoral	0.30	-	horizontally stratified
MOB930075	14	345167	6016156	B	Clayey brown till	0.30	moderate	fissile, clast poor
MOB930076	14	343675	6018568	A	Sandy clayey till	2.00	moderate	fissile, compact
MOB930077	14	340216	6020885	A	Sandy grey till	0.50	none	fissile, compact
MOB930077	14	340216	6020885	B	Clayey till	0.15	n/a	clast poor
MOB930081	14	337740	6015299	A	Sandy till	0.75	strong	clast rich

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB930081	14	337740	6015299	B	Stony clayey diamicton	0.40	weak	compact, oxidized color
MOB930082	14	336625	6019200	A	Clayey orange brown till	2.00	moderate	oxidized color
MOB930084	14	332250	6014800	A	Silt and clay, dark brown	1.00	weak	massive, stone free
MOB930084	14	332250	6014800	B	Clayey orange brown till	0.75	strong	compact, clast rich, till lens
MOB930087	14	325600	6007000	A	Brown clay	0.20	weak	massive
MOB930087	14	325600	6007000	B	Clayey brown till	0.30	weak	clast rich
MOB930087	14	325600	6007000	C	Clay, glaciolacustrine	0.90	weak	massive
MOB930088	14	333000	6018225	A	Clayey brown diamicton	0.50	none	horizontal laminations
MOB930088	14	333000	6018225	B	Sand, nearshore	0.25	-	massive, faint horizontal laminations
MOB930088	14	333000	6018225	C	Clayey brown diamicton	0.10	n/a	massive, clast poor
MOB930089	14	329850	6015925	A	Dark brown clay	0.50	none	massive, stone free
MOB930089	14	329850	6015925	B	Clayey brown orange till	1.00	strong	compact
MOB930090	14	326300	6017125	A	Dark brown clay & silt	0.30	n/a	massive
MOB930090	14	326300	6017125	B	Clayey orange till	0.50	strong	massive, irreg. lens of clay
MOB930095	14	323025	6016300	A	Dark brown clay & silt	0.20	weak	massive
MOB930095	14	323025	6016300	B	Silty-sandy orange till	0.35	strong	compact, lens of clay, boulder rich
MOB930098	14	320350	6011775	A	Brown clay & silt	1.00	weak	massive, laminated
MOB930098	14	320350	6011775	B	Silty-sandy orange till	2.00	strong	fissile, boulder rich
MOB930102	14	422514	5990266	A	Silty grey till	0.65	strong	sub-fissile, clast poor
MOB930103	14	432235	6003552	A	Sand & gravel, littoral	0.15	-	stratified
MOB930103	14	432235	6003552	B	Silty-sandy grey till	0.60	strong	fissile, clast poor
MOB930104	14	425935	6008204	A	Silty-sandy grey till	0.75	strong	sticky, clast poor
MOB930105	14	417700	6004128	A	Silty grey till	0.55	strong	sticky
MOB930106	14	410823	6008534	A	Silty grey till	0.55	strong	sub-fissile
MOB930107	14	420329	6012190	A	Peat moss, wood peat	0.25	-	-
MOB930107	14	420329	6012190	B	Silty grey till	0.30	strong	sticky, clast poor
MOB930108	14	424981	6019970	A	Wood & peat	0.40	-	-
MOB930108	14	424981	6019970	B	Silty grey till	1.30	strong	sub-fissile, clast poor, frozen
MOB930109	14	400204	6015621	A	Silty grey till	0.40	strong	fissile, sticky, clast poor
MOB930110	14	403085	6019729	A	Peat moss	0.50	-	-
MOB930110	14	403085	6019729	B	Sand & gravel, littoral	0.30	-	stratified
MOB930110	14	403085	6019729	C	Silty grey till	0.50	strong	sticky, wet
MOB930111	14	408017	6017403	A	Silty grey till	0.65	strong	-
MOB930112	14	422328	6028546	A	Silty grey till	0.55	strong	fissile, loose
MOB930113	14	433355	6040607	A	Sandy brown till	0.60	moderate	fissile
MOB930114	14	420837	6044984	A	Sandy brown grey till	1.15	weak	fissile, loose, clast poor
MOB930115	14	414432	6035019	A	Clayey diamicton	0.25	n/a	-
MOB930115	14	414432	6035019	B	Sandy grey till	0.30	strong	-
MOB930115	14	414432	6035019	C	Grey silt & sand	0.30	strong	horizontally stratified, till lens
MOB930115	14	414432	6035019	D	Sandy grey till	0.30	strong	-
MOB930115	14	414432	6035019	E	Sand &silt	0.30	strong	horizontally stratified
MOB930116	14	344183	6020155	A	Fine to medium grained sand	3.00	-	horizontally stratified
MOB930116	14	344183	6020155	B	Clayey brown till	0.30	n/a	-
MOB930117	14	343199	6020885	A	Brown clay	0.20	weak	massive, dropstones
MOB930117	14	343199	6020885	B	Sandy-clayey brown till	0.45	very weak	clayey at base
MOB930118	14	343834	6022027	A	Brown silt & clay	0.30	weak	massive
MOB930118	14	343834	6022027	B	Sandy-clayey brown grey till	0.60	strong	fissile, clay lens
MOB930119	14	344899	6025552	A	Sandy clayey brown till	3.00	strong	loose structure

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB930122	14	345886	6030351	A	Sandy brown till	1.50	moderate	loose structure, bouldery
MOB930124	14	351284	6033325	A	Sandy clayey brown till	0.60	moderate	compact
MOB930125	14	328300	6036800	A	Sandy greenish brown till	1.00	moderate	fissile
MOB930126	14	336000	6039250	A	Nearshore sand & boulders	0.40	weak	massive
MOB930126	14	336000	6039250	B	Sandy silty till	0.65	moderate	clast rich
MOB930128	14	340166	6043064	A	Boulder lag in sandy matrix	0.70	weak	clast supported
MOB930128	14	340166	6043064	B	Sandy greenish brown till	0.20	moderate	fissile, compact
MOB930130	14	342439	6039720	A	Sand & gravel, littoral	0.50	-	
MOB930130	14	342439	6039720	B	Sandy grey brown till	0.40	moderate	fissile
MOB930130	14	342439	6039720	C	Silty orange brown till	0.55	moderate	loose structure, clast poor
MOB930131	14	364591	6046852	A	Sandy silty yellowish brown till	0.85	strong	fissile
MOB930132	14	367003	6049815	A	Sand & gravel, littoral	0.20	-	boulder lag
MOB930132	14	367003	6049815	B	Sandy blue green till	0.20	none	compact, many rotten clasts
MOB930134	14	363058	6051702	A	Sandy green till	0.60	none	fissile, irreg. strat., oxidized, loose struc.
MOB930135	14	359629	6052761	A	Silt, nearshore	0.20	none	massive, few dropstones
MOB930135	14	359629	6052761	B	Sandy yellow green till	0.45	none	irr. strat., compact
MOB930136	14	332500	6009700	A	Clayey brown diamicton	0.20	weak	irregularly stratified, till lens
MOB930136	14	332500	6009700	B	Clayey sandy orange brown till	0.45	strong	clast rich
MOB930138	14	334650	6008375	A	Clay	0.27	weak	massive
MOB930138	14	334650	6008375	B	Clayey orange brown till	0.30	strong	-
MOB930139	14	317275	6041425	A	Clayey sandy brown grey till	0.60	strong	clast poor
MOB930139	14	317275	6041425	B	Silt, glaciolacustrine	0.15	n/a	massive
MOB930141	14	321650	6036875	A	Sandy grey green till	0.20	none	fissile, compact
MOB930141	14	321650	6036875	B	Clayey red till	1.00	weak	oxidized color
MOB930142	14	326150	6038350	A	Sandy grey till	0.20	none	fissile, compact
MOB930142	14	326150	6038350	B	Clayey brown till	0.65	none/weak	compact, clast poor
MOB930143	14	329125	6039825	A	Sandy grey till	0.17	none	sub-fissile, compact
MOB930143	14	329125	6039825	B	Clayey brown diamicton	0.25	none	massive, oxidized, clast poor
MOB930143	14	329125	6039825	C	Clayey sandy brown till	0.65	weak	clast rich
MOB930143	14	329125	6039825	D	Clay, glaciolacustrine	0.30	none	interstratified till lens, laminated
MOB930143	14	329125	6039825	E	Silt, glaciolacustrine	0.20	moderate	massive
MOB930145	14	333950	6041950	A	Clay	0.10	n/a	massive
MOB930145	14	333950	6041950	B	Sandy brown till	0.75	weak	clast rich
MOB930149	14	359650	6003680	A	White, silty till	0.25	n/a	-
MOB930150	14	334000	5997600	A	Clayey sandy greyish white diamicton	1.00	strong	massive
MOB930151	14	312750	6000000	A	Brown clay	0.35	none	massive
MOB930151	14	312750	6000000	B	Sandy, stony orange till	0.25	weak	compact, clast rich
MOB930152	14	317250	5999750	A	Brown clay	0.20	n/a	massive
MOB930152	14	317250	5999750	B	Sandy silty orange till	0.25	strong	reddish strings
MOB930153	14	337900	6044770	A	Sandy till	0.70	moderate	fissile, compact
MOB930155	14	341041	6046092	A	Sandy brown till	0.80	moderate	compact
MOB930155	14	341041	6046092	B	Silt, glaciolacustrine	0.25	strong	massive
MOB930158	14	345607	6048055	A	Sandy silty brown till	0.30	moderate	fissile, clast poor
MOB930158	14	345607	6048055	B	Silt, glaciolacustrine	0.30	strong	laminated, fining upward
MOB930162	14	346364	6044034	A	Sandy silty brown till	5.30	moderate	fissile, compact
MOB930164	14	345801	6037727	A	Clay	0.20	n/a	massive
MOB930164	14	345801	6037727	B	Sandy till	0.55	moderate	fissile, compact
MOB930166	14	348028	6050695	A	Sandy till, leached	0.30	none	compact

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB930166	14	348028	6050695	B	Oxidized clay	0.05	n/a	resting on weathered bedrock
MOB930167	14	345515	6050997	A	Sandy grey till	0.75	none	stratified, compact
MOB930169	14	345980	6054883	A	Silt & sand, glaciolacustrine	0.20	strong	laminated
MOB930169	14	345980	6054883	B	White, silty till	0.40	strong	loose structure, clast poor
MOB930170	14	431487	.6033336	A	Washed till	0.25	n/a	horizontally stratified
MOB930171	14	426688	6042763	A	Dark brown diamicton, glaciolacustrine	0.30	n/a	massive, compact
MOB930171	14	426688	6042763	B	Silty till	0.55	strong	-
MOB930172	14	420216	6048319	A	Boulders, nearshore lag	0.10	-	horizontally stratified
MOB930172	14	420216	6048319	B	Brown clay	0.55	n/a	massive
MOB930172	14	420216	6048319	C	Silty white till	1.05	moderate	loose structure
MOB930173A	14	409950	6040600	A	Silty white grey till	0.70	strong	loose structure, oxidized
MOB930173B	14	417241	6020531	A	Clay	1.00	n/a	massive
MOB930173B	14	417241	6020531	B	Silty beige till	0.50	strong	sticky
MOB930174	14	413632	6015077	A	Silty sandy grey till	0.70	strong	clast poor
MOB930175	14	403022	6010425	A	Clay	0.15	n/a	massive, dropstones
MOB930175	14	403022	6010425	B	White, silty till	0.30	strong	oxidized
MOB930176	14	383977	6018524	A	White, silty till	0.40	strong	fissile, blocky
MOB930177	14	380844	6027465	A	Glaciolacustrine brown diamicton	0.35	n/a	massive, oxidized
MOB930177	14	380844	6027465	B	Sandy beige till	0.35	moderate	blocky, PC clast rich
MOB930178	14	391605	6044611	A	Sandy silty beige till	0.55	strong	fissile at bottom, coarsening upward
MOB930179	14	383180	6047121	A	Nearshore sand.	0.30	-	massive, coarsening upward
MOB930179	14	383180	6047121	B	Glaciofluvial sand & gravel	0.30	-	massive
MOB930180	14	375463	6046365	A	Sandy beige till	1.20	strong	clast rich, blocky
MOB930181	14	394309	6025265	A	White, silty till	0.65	strong	clast poor
MOB930182	14	401278	6035643	A	White, silty sandy till	1.10	strong	blocky
MOB930183	14	399519	6040423	A	Clay	0.75	n/a	massive
MOB930183	14	399519	6040423	B	White, silty till	0.45	strong	blocky
MOB930184	14	393750	6037063	A	Sandy greenish beige till	0.75	moderate/weak	fissile, blocky, leached
MOB930185	14	388124	6033688	A	Brown clay	0.30	n/a	massive
MOB930185	14	388124	6033688	B	White, silty till	0.50	strong	fissile, blocky
MOB930186	14	378984	6022046	A	Nearshore sand & gravel	0.60	-	horizontally stratified
MOB930186	14	378984	6022046	B	Sandy dark grey till	0.35	strong	fissile, compact, blocky
MOB930187	14	368447	6027346	A	Silt & clay	0.30	none	massive
MOB930187	14	368447	6027346	B	Silty beige till	0.60	moderate	fissile, very clast poor
MOB930188	14	368558	6031608	A	Silty beige till	0.85	strong	clast poor, sticky
MOB930189	14	366449	6035161	A	Clay	0.50	weak	massive
MOB930189	14	366449	6035161	B	White, silty till	0.30	strong	fissile
MOB930190	14	360721	6029788	A	Silty sandy light beige till	0.75	strong	fissile, blocky
MOB930191	14	355281	6031697	A	Silty sandy greenish till	1.15	strong	sub-fissile, clast poor, greenstone clasts
MOB930192	14	356424	6049639	A	Nearshore sand & lag	0.30	n/a	stratified
MOB930192	14	356424	6049639	B	Green blue sandy diamicton	0.85	none	fissile
MOB930193	14	368035	6059110	A	Sandy pale olive till	0.75	none	fissile, compact, bouldery
MOB930194	14	368154	6055975	A	Sandy green olive till	0.75	none	fissile
MOB930195	14	385188	6050824	A	Sandy leached till	1.15	none	Pal. clasts at base
PAT920001	14	437200	6065600	A	Sandy brown yellow till	1.00	weak	compact, fissile
PAT920002	14	436700	6065150	A	Clayey brown diamicton	0.60	none	oxidized
PAT920003	14	436400	6064450	A	Sandy grey till	0.50	none	oxidized
PAT920004	14	436800	6064250	A	Sandy brown beige till	0.70	none	-

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
PAT920005	14	436775	6064700	A	Sandy light brown till	0.50	none	compact, oxidized
PAT920006	14	436850	6064800	A	Sandy grey till	0.50	none	irr. strat., compact
PAT920007	14	436800	6065225	A	Sandy till	0.50	none	leached, oxidized
PAT920008	14	437225	6065200	A	Sandy till	0.40	weak	-
PAT920009	14	436450	6065100	A	Sandy olive grey till	0.30	none	compact, oxidized
RUT930001	14	466768	5983546	A	Washed till	0.30	n/a	oxidized
RUT930001	14	466768	5983546	B	Clayey orange brown till	0.30	strong	irregularly stratified, clay lens, compact
RUT930007	14	463849	5989061	A	Silty grey till	0.50	strong	loose structure
RUT930008	14	473218	5991160	A	Silty orange till	0.35	strong	compact, pebbly
RUT930016	14	430725	5993414	A	Silty grey till	0.40	strong	pebbly
RUT930021	14	433389	5990911	A	Silty grey brown till	0.45	strong	-
RUT930023	14	387594	5998382	A	Silty sandy orange till	0.33	strong	compact, clay lenses
RUT930024	14	387576	5994777	A	Silty grey brown till	0.25	strong	loose structure
RUT930026	14	383034	5992036	A	Silty sandy orange till	0.50	strong	lens of grey brown till
RUT930027	14	382780	5991765	A	Clay	0.25	none	massive
RUT930027	14	382780	5991765	B	Silty orange till	0.30	strong	blocky
RUT930028	14	381705	5990377	A	Silty orange till	0.35	strong	compact, clast rich
RUT930029	14	376739	5990126	A	Silty grey brown till	0.40	strong	-
RUT930030	14	378695	5989373	A	Sand & gravel, littoral	0.50	none	loose structure, poorly sorted
RUT930030	14	378695	5989373	B	Clay	0.30	none	massive
RUT930031	14	376979	5985562	A	Sandy yellow brown till	0.20	strong	stratified, B horizon
RUT930036	14	373134	5997816	A	Silty clay	1.00	n/a	massive
RUT930040	14	357120	5989232	A	Sand, nearshore	0.10	n/a	n/a
RUT930040	14	357120	5989232	B	Clay	1.00	n/a	massive
RUT930044	14	357977	5997269	A	Silty grey beige till	1.00	strong	boulder lag, sticky
RUT930045	14	361841	5997849	A	Silty orange grey till	0.40	strong	fissile, oxidized
RUT930046	14	346106	6011208	A	Clayey greyish brown till	0.60	strong	compact
RUT930050	14	372835	5989725	A	Silty grey beige till	0.50	strong	compact, stony at base
RUT930051	14	373188	5996324	A	Sandy grey beige till	0.55	strong	compact, frozen at base
RUT930055	14	376826	6003505	A	Sandy grey brown till	0.50	strong	-
RUT930058	14	374455	6008735	A	Silty grey till	0.85	strong	compact, clay cap
RUT930061	14	360588	6011721	A	Sandy orange beige till	0.65	strong	compact, clast rich
RUT930062	14	364477	6011360	A	Sandy grey beige till	0.40	strong	compact, clast rich
RUT930066	14	368788	6014733	A	Sandy yellow brown till	0.58	strong	lens of red silty till
RUT930069	14	371208	6017636	A	Silty orange grey till	0.45	strong	colors mixed
RUT930073	14	373389	6021737	A	Silty grey till	0.70	strong	-
RUT930076	14	371539	6024037	A	Sandy grey brown till	0.35	strong	boulder lag
RUT930080	14	417533	5984711	A	Silty grey beige till	0.80	strong	-
RUT930082	14	336500	6001025	A	Sandy orange grey till	0.50	strong	compact
RUT930088	14	331175	6002025	A	Sandy orange brown till	0.55	strong	compact, clay lenses
RUT930091	14	329525	6007000	A	Clayey dark grey till	0.60	weak	compact
RUT930092	14	330475	6011100	A	Sandy orange brown till	0.50	strong	compact, clast rich
RUT930095	14	312850	6016400	A	Sandy orange brown till	0.41	strong	compact, clast rich
RUT930096	14	318225	6019150	A	Sandy orange till	0.40	strong	interstratified clay lenses
RUT930097	14	318175	6022675	A	Silty orange till	0.70	strong	interstratified silt lenses
RUT930100	14	322375	6023400	A	Sandy orange till	0.50	strong	compact
RUT930103	14	323850	6026150	A	Silty yellow till	0.95	moderate	clast rich
RUT930104	14	325350	6029150	A	Silty sandy yellow till	0.75	moderate	compact, clast rich

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
RUT930106	14	329050	6029450	A	Silty yellow till	0.75	moderate	compact, clast rich
RUT930110	14	333125	6030000	A	Silty yellow green till	0.70	strong	compact, clast rich
RUT930111	14	336850	6030450	A	Silty yellow olive till	0.55	strong	fissile
RUT930112	14	339448	6031756	A	Sandy silty brown till	0.75	strong	compact
RUT930115	14	344397	6028479	A	Sandy brown till	0.75	strong	compact
RUT930117	14	340501	6024716	A	Clayey brownish grey till	0.45	none	compact, clast poor
RUT930119	14	337050	6025850	A	Clayey greenish grey till	0.75	none	fissile, reduced
RUT930120	14	342670	6032676	A	Sandy yellow till	0.45	strong	loose structure
RUT930121	14	336800	6033750	A	Silty grey till	0.50	strong	loose structure
RUT930122	14	332075	6035875	A	Clayey sandy grey till	0.65	weak	fissile
RUT930123	14	347869	6037760	A	Sandy brownish grey till	0.65	strong	compact, interstratified clay lenses
RUT930126	14	351403	6041952	A	Sandy grey till	0.40	strong	compact, interstratified clay lenses
RUT930129	14	352396	6045382	A	Sandy brownish grey till	1.45	moderate	fissile, clast rich
RUT930132	14	348162	6044956	A	Silty sandy brownish grey till	0.70	strong	compact
RUT930135	14	354005	6041786	A	Sandy brownish grey till	0.60	strong	fissile, boulder lag
RUT930136	14	339580	6013874	A	Silty reddish till	0.60	strong	compact, clast rich
RUT930137	14	359999	6036185	A	Sandy orange brown till	0.55	weak	compact, stony
RUT930137	14	359999	6036185	B	Silty grey till	0.00	weak	-
RUT930138	14	356916	6036540	A	Silty sandy grey till	0.70	strong	compact
RUT930139	14	362238	6034544	A	Silty grey till	0.50	strong	-
RUT930140	14	361063	6037516	A	Silty sandy grey till	0.50	strong	compact
RUT930143	14	349377	6054138	A	Sandy stony brown till	0.60	none	loose structure, oxidized
RUT930145	14	343863	6057884	A	Sandy grey till	1.00	none	loose structure
RUT930146	14	346376	6057140	A	Sandy brownish grey diamicton	3.00	none	stratified
RUT930148	14	345701	6053882	A	Sandy greenish grey till	0.70	none	loose structure, sand lenses
RUT930153	14	382815	6050328	A	Silty red till	0.33	moderate	loose structure
RUT930157	14	377783	6050380	A	Sandy red till	0.75	moderate	compact
RUT930158	14	374915	6050719	A	Sandy grey till	0.65	strong	compact, clast rich
RUT930164	14	354682	6051974	A	Sandy silty pale brown till	1.00	strong	matrix rich
RUT930168	14	348516	6052021	A	Sandy brown till	0.55	none	loose structure
RUT930171	14	360061	6056393	A	Sandy grey brown till	0.65	none	-
RUT930173	14	361988	6059887	A	Sandy yellow brown till	0.60	none	-
RUT930175	14	357642	6058185	A	Silty sandy brown orange till	0.75	none	loose structure
RUT930176	14	356776	6056154	A	Sandy orange brown till	0.80	none	compact, boulder lag, oxidized
RUT930179	14	366436	6062653	A	Silty sandy reddish brown till	0.65	none	stony
RUT930184	14	370223	6064596	A	Sandy orange brown till	0.61	none	washed, stony
RUT930186	14	371776	6066649	A	Silty sandy orange brown till	0.50	none	oxidized
RUT930191	14	432400	6025063	A	Silty sandy brown till	0.40	strong	loose structure
RUT930193	14	432653	6047124	A	Glaciofluvial sand & gravel	0.60	-	massive
RUT930194	14	426036	6049054	A	Silty grey till	0.70	strong	-
RUT930195	14	414283	6043903	A	Sandy silty brownish grey till	0.60	weak	-
RUT930196	14	408060	6033130	A	Silty grey till	0.45	strong	sand lenses
RUT930197	14	415637	6025143	A	Sandy silty grey till	0.85	strong	fissile, washed on top
RUT930198	14	405331	6025544	A	Silty grey till	0.75	strong	pebbly
RUT930199	14	393413	6019512	A	Sandy silty grey till	0.40	strong	fissile
RUT930201	14	395679	6031035	A	Sandy silty grey till	0.80	strong	fissile, boulder lag
RUT930202	14	381828	6037599	A	Sandy silty grey till	0.85	strong	fissile
RUT930203	14	373273	6048503	A	Silty sandy brownish grey till	0.60	strong	-

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
RUT930205	14	369301	6051172	A	Sandy brown till	0.50	strong	clast rich
RUT930207	14	369246	6047354	A	Sandy grey till	0.70	strong	clast rich
RUT930208	14	362584	6043229	A	Sandy grey till	0.75	strong	compact
RUT930210	14	356007	6038092	A	Sandy grey till	0.55	strong	compact, clast rich
RUT930213	14	353568	6035875	A	Sandy grey till	0.25	strong	compact
RUT930215	14	351173	6038114	A	Sandy grey till	1.00	strong	compact
RUT930216	14	349909	6036407	A	Sandy brownish grey till	0.80	none	fissile, leached
BOU940001	14	331357	6063662	A	Sandy greyish green till	1.00	none	loose, oxidized, calc. clay layers at bottom
BOU940003	14	329693	6064879	A	Sandy greyish green till	0.61	none	slightly fissile, sand layers at bottom
BOU940005	14	330937	6066967	A	Sandy greyish green till	0.70	none	loose
BOU940008	14	332518	6068536	A	Sandy dark greenish till	0.63	none	slightly fissile, loose
BOU940010	14	332238	6069839	A	Silty sandy greyish green till	0.60	none	slightly fissile
BOU940011	14	330650	6069102	A	Sandy green till	0.43	none	fissile, loose
BOU940011	14	330650	6069102	B	Fine grained sand	1.03	none	laminated, oxidized
BOU940014	14	333284	6054643	A	Sandy dark brownish grey till	0.70	none	fissile, compact, boulder lag
BOU940015	14	335003	6050558	A	Sandy silty grey diamicton	0.18	strong/moder.	loose, calcareous
BOU940015	14	335003	6050558	B	Sandy greenish grey till	0.30	none	fissile
BOU940016	14	337791	6051633	A	Sandy dark green till	0.50	moderate	fissile, loose, boulder lag, calc. white layers
BOU940021	14	330716	6052232	A	Clayey sandy brown till	0.35	none	compact, boulder rich
BOU940021	14	330716	6052232	B	Silty grey till	0.40	strong	loose, slightly fissile
BOU940021	14	330716	6052232	C	Sandy dark green to grey till	0.18	none	loose, below water table
BOU940024	14	338282	6061856	A	Silty greenish grey till	0.50	none	compact, pebble rich
BOU940024	14	338282	6061856	B	Brown clay	0.20	none	compact, laminated, oxidized
BOU940026	14	343334	6063288	A	Boulder, gravel, and coarse sand	4.50	none	stratified, laminated, cross-bedded
BOU940027	14	342683	6063124	A	Boulder, gravel, and coarse sand	0.40	none	loose, sub-rounded clasts
BOU940027	14	342683	6063124	B	Silty greenish grey till	0.25	none	fissile
BOU940030	14	341811	6053038	A	Sandy clayey grey brown till	0.48	none	compact, boulder lag, sandy layers
BOU940032	14	343656	6052882	A	Sandy silty greyish green till	0.65	none	fissile
BOU940035	14	343123	6048878	A	Sandy grey brown till	0.88	none	fissile
BOU940037	14	339491	6049902	A	Silty sandy grey green till	0.56	none	fissile
BOU940047	14	413033	6054454	A	Sandy yellowish green till	0.58	none	compact, boulder lag
BOU940050	14	417193	6056386	A	Sandy pale grey till	0.65	none	slightly fissile, loose
BOU940051	14	417981	6058288	A	Sandy grey till	0.58	none	fissile, clast rich at bottom
BOU940055	14	414489	6059404	A	Sandy brown till	0.66	none	loose
BOU940056	14	411088	6057738	A	Sandy clayey grey till	0.65	none	compact, slightly fissile
BOU940058	14	409296	6054187	A	Silty green grey till	0.58	none	fissile, clast poor
BOU940060	14	406195	6057775	A	Sandy brown grey till	0.64	none	fissile, coarsening downward
BOU940063	14	405872	6062048	A	Sandy brown grey till	0.60	none	fissile, loose, boulder lag
BOU940064	14	402475	6063976	A	Sandy grey till	0.57	none	compact, fissile
BOU940064	14	402475	6063976	B	Sand and gravel	0.15	none	loose, oxidized
BOU940066	14	399616	6060173	A	Sandy brown diamicton	0.30	none	loose, oxidized
BOU940066	14	399616	6060173	B	Silty grey till	0.22	moderate	fissile
BOU940066	14	399616	6060173	C	Sandy yellowish grey till	0.20	weak	compact, clast rich
BOU940068	14	333148	6058763	A	Clayey sandy brown till	0.40	none	massive, blocky, angular clasts
BOU940069	14	330667	6061021	A	Sandy greenish grey till	0.50	none	loose, angular MVCC clasts
BOU940073	14	326956	6068557	A	Peat	0.37	-	bog peat
BOU940073	14	326956	6068557	B	Clayey greenish brown diamicton	0.45	none	massive, clast poor
BOU940075	14	324091	6067616	A	Sandy brown till	1.30	none	compact, pebbly

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
BOU940078	14	322024	6064726	A	Sandy diamicton	0.40	none	compact, possible leached
BOU940078	14	322024	6064726	B	Coarse grained sand and cobble	2.00	none	massive, loose, oxidized
BOU940078	14	322024	6064726	C	Sandy diamicton	2.00	none	stratified, rippled sands in top part
BOU940079	14	322273	6064654	A	Sandy brown till	0.39	none	loose, lee-side
BOU940081	14	323358	6063993	A	Sandy grey till	2.50	none	fissile, loose, pebbly
BOU940083	14	325154	6063614	A	Sandy grey till	1.00	none	fissile, loose
BOU940085	14	321757	6064303	A	Sandy diamicton	0.40	none	compact, possible leached
BOU940085	14	321757	6064303	B	Boulder, cobble and coarse grained sand	2.00	none	coarsening upward, sorted at top, diamictic
BOU940085	14	321757	6064303	C	Sandy brown diamicton	0.55	weak/moderate	compact, fissile, rounded clasts
BOU940085	14	321757	6064303	D	Fine grained sand	1.00	none	cross-laminated, laminated
BOU940087	14	321724	6063933	A	Sand and gravel	1.30	none	massive, few clay layers, oxidized
BOU940087	14	321724	6063933	B	Clayey sandy brown diamicton	0.15	weak	massive, compact, dlmt clasts, clay layers
BOU940087	14	321724	6063933	C	Coarse grained sand and cobble	0.50	none	massive, loose, diamictic
BOU940088	14	321421	6062614	A	Brown clay and silt	0.55	none	massive, angular dropstones
BOU940088	14	321421	6062614	B	Silty sandy grey brown till	0.35	weak	fissile
BOU940089	14	320945	6060096	A	Silty sandy grey till	1.05	n/a	fissile, compact
BOU940089	14	320945	6060096	B	Coarse grained sand	0.15	none	massive
BOU940092	14	316425	6060122	A	Brown grey clay	0.40	none	massive
BOU940092	14	316425	6060122	B	Silty sandy grey till	0.46	none	loose, slightly fissile
BOU940094	14	315991	6058283	A	Silty greenish white till	0.53	moderate	loose
BOU940096	14	318355	6056795	A	Silt and fine sand	0.20	n/a	massive, MVCC boulder lag
BOU940096	14	318355	6056795	B	Silty sandy red till	1.00	none	compact, pebbly, uniform color
BOU940098	14	318914	6059558	A	Silty clayey green till	0.62	none	loose, fissile, sticky, sandier at top
BOU940098	14	318914	6059558	B	Brown clay	0.60	none	massive, dropstone of dlmt
BOU940101	14	318754	6062287	A	Sand and cobble, nearshore	0.40	none	loose, massive
BOU940101	14	318754	6062287	B	Sandy clayey brown till	0.24	none	compact, pebbly
BOU940101	14	318754	6062287	C	Brown clay	0.20	none	massive
BOU940103	14	342966	6060949	A	Silty sandy greyish green till	0.44	none	loose, slightly fissile
BOU940104	14	341965	6060025	A	Silty sandy dark green till	0.66	weak	fissile, loose, CaCO3 layers
BOU940106	14	337544	6057768	A	Sandy grey yellow till	0.45	none	loose, oxidized
BOU940107	14	316827	6070040	A	Sandy grey yellow till	0.55	none	loose, bouldery
BOU940108	14	319484	6076927	A	Fine grained sand and silt	1.20	none	massive, stratified, few pebbles
BOU940108	14	319484	6076927	B	Sandy diamicton	0.11	none	pebbly, compact
BOU940109	14	318546	6065143	A	Brown clay	1.00	none	massive
BOU940109	14	318546	6065143	B	Fine grained sand and silt	0.50	n/a	stratified, cross-lam., rippled
BOU940109	14	318546	6065143	C	Sandy brown diamicton	0.22	none	pebbly
BOU940109	14	318546	6065143	D	Coarse grained sand and gravel	0.78	none	massive
BOU940110	14	318793	6066835	A	Sandy grey till	6.50	none	compact, pebbly
BOU940113	14	318297	6069207	A	Sandy diamicton	0.35	none	loose, stratified and laminated, bouldery
BOU940113	14	318297	6069207	B	Sandy grey till, debris flow	25.00	none	compact, lee-side
BOU940114	14	321607	6057315	A	Sandy dark greyish green till	0.50	none	loose, pebbly
BOU940117	14	322364	6060597	A	Sandy grey till	0.42	none	loose, rounded boulder lag
BOU940117	14	322364	6060597	B	Sandy clayey grey brown till	0.25	none	compact, laminated, lee-side
BOU940119	14	326049	6065931	A	Sandy green till	0.62	none	compact, pebbly, oxidized
BOU940120	14	327577	6068410	A	Sandy brown yellow till	0.70	none	loose, sticky
BOU940123	14	336217	6061250	A	Sandy yellow till	0.70	none	loose
BOU940125	14	320970	6069317	A	Dark grey clay	0.40	none	massive, few sand layers
BOU940125	14	320970	6069317	B	Sandy dark grey till	0.20	none	fissile, loose

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
BOU940128	14	322984	6070011	A	Sandy grey diamicton	0.46	none	massive
BOU940128	14	322984	6070011	B	Sandy grey brown till	0.17	none	compact
BOU940130	14	321538	6062857	A	Fine and medium grained sand	3.00	none	climbing ripples, cross-lam., few cobbles
BOU940131	14	321048	6066312	A	Sandy grey diamicton, debris flow	10.00	weak/moder.	compact, massive, lee-side
BOU940132	14	318506	6069941	A	Sand, cobble, boulder, diamicton	15.00	none	cross-bedded, deformed, fining upward
BOU940132	14	318506	6069941	B	Sandy grey diamicton	8.00	none	compact, fissile in part, oblique bedding
JEC940001	13	630025	6117425	A	Silty sandy till	0.90	none	massive to irreg. stratified
JEC940004	13	629020	6119415	A	Silty sandy brown grey till	0.70	none	clast rich
JEC940006	13	627500	6115910	A	Silty sandy grey brown till	0.70	none	massive to irreg. stratified
JEC940008	13	628615	6114125	A	Silty sandy till	0.65	none	massive to irreg. stratified
JEC940009	13	630460	6115715	A	Sandy grey brown till	0.80	none	irregulary stratified and sorted
JEC940010	13	627625	6110150	A	Silty diamicton	0.60	none	irregulary stratified, clay lenses
JEC940010	13	627625	6110150	B	Silty sandy grey brown till	0.25	none	compact, clast rich
JEC940011	13	627810	6107325	A	Silty sandy grey brown till	0.65	none	oxidized
JEC940013	13	630175	6110525	A	Sandy diamicton	0.30	none	massive, gravelly, oxidized
JEC940013	13	630175	6110525	B	Silty grey diamicton	0.10	none	sub-fissile, compact
JEC940013	13	630175	6110525	C	Silty sandy grey brown till	0.20	none	compact, hard, sub-fissile
JEC940014	13	631985	6112420	A	Gravelly diamict	0.40	none	loose, oxidized
JEC940014	13	631985	6112420	B	Silty diamicton	0.15	none	faintly laminated
JEC940014	13	631985	6112420	C	Silty sandy grey till	0.20	none	fissile, compact
JEC940015	13	639710	6113200	A	Sandy diamicton	0.50	none	massive, loose, bouldery
JEC940015	13	639710	6113200	B	Sandy silt	0.30	none	massive
JEC940015	13	639710	6113200	C	Silty sandy till	0.10	none	fissile, compact, hard
JEC940016	13	640960	6116365	A	Silty sandy till	0.80	none	stony, compact
JEC940017	13	638875	6117080	A	Silty sandy diamicton	0.45	moderate	massive to irr. stratified, no dlmt clasts
JEC940017	13	638875	6117080	B	Silty sandy grey brown till	0.60	none	irr. strat. to massive
JEC940018	13	638220	6119060	A	Medium to coarse grained till	0.20	none	massive
JEC940018	13	638220	6119060	B	Brown to grey silty clay	0.60	none	laminated
JEC940018	13	638220	6119060	C	Silty sandy grey till	0.20	none	hard and very compact
JEC940019	13	636000	6118910	A	Silty sandy till	0.70	none	fissile, stony, concrete hard, irr. stratif.
JEC940021	13	637710	6116045	A	Silty sandy grey till	0.65	none	clast rich
JEC940022	13	641150	6111325	A	Silty sandy till	0.65	none	massive to irreg. stratified
JEC940025	13	643850	6108310	A	Silty sandy till	0.90	none	stony, boulder lag
JEC940027	13	645110	6105885	A	Silty sandy till	0.95	none	irreg. stratified
JEC940028	13	641125	6106920	A	Silty sandy till	0.95	none	sandier at depth
JEC940029	13	639000	6109250	A	Sandy till	0.95	none	clast rich
JEC940030	13	641750	6101330	A	Gravelly diamicton, reworked till	0.40	none	oxidized, loose, clast rich
JEC940030	13	641750	6101330	B	Silty sandy grey brown till	0.30	none	sub-fissile, very compact
JEC940032	13	641400	6104125	A	Silty sandy till	0.80	none	compact, irr. lamin. block of clay
JEC940033	13	646275	6103850	A	Silty sandy till	0.60	none	oxidized
JEC940034	13	647900	6101460	A	Silty sandy dark grey brown till	0.80	none	fissile at base
JEC940035	13	648010	6100020	A	Sandy till	0.80	none	compact, stony
JEC940036	13	645675	6101200	A	Silty sandy till	0.80	none	stony
JEC940037	13	646390	6098900	A	Silty sandy till	0.60	none	clast rich
JEC940039	13	644650	6099100	A	Sandy till	0.90	none	loose, stony, siltier at top
JEC940040	13	644960	6096260	A	Silty sandy till	0.74	none	stony, oxidized
JEC940041	14	389160	6030267	A	Silty sandy brown till	1.50	moderate	blocky, fissile, compact, $CaCO_3$ layers
JEC940042	14	319604	6028863	A	Silty grey brown till	0.55	strong	clast rich, fair compaction

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
JEC940043	14	305566	6016099	A	Clayey silty brown till	0.40	very weak	matrix rich, oxidized
JEC940043	14	305566	6016099	B	Sandy silty yellowish beige till	0.20	strong	fissile, stony, hard, clast rich
JEC940044	14	305075	6011354	A	Sandy silty yellowish brown till	0.75	strong	massive to sub-fissile, very compact
JEC940045	14	323428	6004703	A	Clayey silty till	0.75	weak/moder.	blocky, matrix rich, compact
JEC940046	14	324516	5999402	A	Clayey silty brown grey till	0.70	weak/moder.	blocky, matrix rich
JEC940048	14	322986	5990766	A	Sandy silty yellowish beige till	0.70	strong	dlmt boulder lag, comapct and very hard
JEC940049	14	305595	5989606	A	Silty clay	0.20	none	blocky, massive, oxidized
JEC940049	14	305595	5989606	B	Clayey silty brown diamicton	0.60	very weak	blocky, massive, oxidized
JEC940049	14	305595	5989606	C	Sandy silty reddish brown till	0.25	strong	fissile, stony, very compact
JEC940050	13	695260	5999576	A	Medium grained sand	0.20	none	massive, oxidized
JEC940050	13	695260	5999576	B	Organics, modern	0.09	none	black, fine grained
JEC940050	13	695260	5999576	C	Sandy silty yellowish brown till	0.50	strong	moder. compact
JEC940051	13	683482	5997608	A	Sandy silty orange to red till	0.75	moderate	sub-fissile, compact and hard
JEC940052	13	673443	6009689	A	Clayey silty brown till	0.80	weak	blocky
JEC940053	13	685366	6029712	A	Silty clay	0.80	weak	blocky, dropstones
JEC940053	13	685366	6029712	B	Sandy silty yellowish beige till	0.45	strong	clast rich
JEC940054	13	668563	6033331	A	Sandy silty brown till	0.65	weak	CaCO3 layers
JEC940055	13	649568	6016709	A	Coarse to medium grained sand	0.40	none	massive, pebbly, oxidized
JEC940055	13	649568	6016709	B	Sandy silty light grey till	0.45	strong	soft, sticky
JEC940056	13	657675	6009927	A	Sandy silty yellowish till	0.60	weak	stony, saturated
JEC940057	13	665332	5988973	A	Silty clay	1.00	none	massive
JEC940058	13	663407	5998092	A	Silty bouldery reddish brown till	0.60	moderate	massive, boulder lag, very hard, compact
JEC940059	13	654063	6031582	A	Silty wihitish grey till	0.60	very strong	sub-fissile, blocky
JEC940060	13	639291	6030860	A	Silty wihitish grey till	0.60	strong	sub-fissile, saturated
JEC940061	13	635330	6025081	A	Clayey silty grey till	0.50	moderate	bouldery (angular dlmt), boulder lag
JEC940062	13	632263	6019920	A	Silty sandy yellowish beige till	0.70	strong	sub-fissile, compact
JEC940063	13	643994	6006849	A	Sand and gravel, nearshore	0.60	none	crudely stratified, moder. sorted
JEC940063	13	643994	6006849	B	Clayey grey diamicton	0.10	very weak	massive
JEC940063	13	643994	6006849	C	Silty sandy grey till	0.30	strong	fissile, compact
JEC940064	13	649912	5995531	A	Sandy gravelly diamicton	0.54	none	massive, bouldery, loose, oxidized
JEC940064	13	649912	5995531	B	Sandy silty yellowish beige till	0.40	strong	fissile, compact
JEC940065	13	679205	6031137	A	Silty dark grey till	0.90	moderate	fissile, blocky, boulder lag, compact
MOB940001	14	346364	6044034	A	Sandy beige till	5.40	moderate	compact, leached on top
MOB940002	14	346376	6057140	A	Sand and gravel, nearshore	0.50	none	fining upward, stratified, oxidized
MOB940002	14	346376	6057140	B	Sandy grey till	2.90	none	compact, fissile, sand bed at 1m depth
MOB940004	14	342650	6057950	A	Sand, nearshore	0.75	none	faintly stratified
MOB940004	14	342650	6057950	B	Gravelly sandy diamicton	0.50	none	faintly stratified, bouldery
MOB940005	14	341700	6058450	A	Silty brown till	0.35	none	fissile, clay lenses
MOB940005	14	341700	6058450	B	Silt and clay, glaciolacustrine	0.40	none	contorted, massive
MOB940005	14	341700	6058450	C	Sandy till	0.50	none	fissile, pebbly, compact
MOB940006	14	329435	6062695	A	Silty sandy grey till	0.33	weak	fissile, rare DLMT clasts, compact
MOB940009	14	327902	6053304	A	Sandy silty greyish brown till	0.60	none	compact, stony, slightly fissile
MOB940011	14	330266	6055471	A	Silty greyish brown till	0.80	none	faintly fissile, blocky, angular MVCC clasts
MOB940013	14	331190	6057398	A	Silty sandy creamy grey diamicton	0.80	moderate	interstrat. sand and gravel, DLMT clasts
MOB940014	14	329543	6057665	A	Sand and gravel, nearshore	0.30	none	faintly stratified
MOB940014	14	329543	6057665	B	Silty clayey brown diamicton	0.20	none	massive, dropstones
MOB940014	14	329543	6057665	C	Sandy till	0.30	none	compact, stony, slightly oxidized
MOB940017	14	329505	6060160	A	Sandy grey till	0.60	none	fissile, boulder lag

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB940018	14	321482	6055495	A	Sandy green till	0.70	none	fissile, boulder lag
MOB940019	14	322829	6056896	A	Silty sandy grey diamicton	0.50	none	fissile, clast poor
MOB940019	14	322829	6056896	B	Sandy till	0.40	none	fissile, stony, compact
MOB940020	14	324080	6059044	A	Sandy grey till	0.70	none	sub-fissile, loose, clast rich
MOB940022	14	325814	6060277	A	Sandy grey till	0.70	none	fissile, boulder lag
MOB940023	14	322960	6001967	A	Silty sandy grey till	0.55	none	compact, clast poor
MOB940027	14	325254	6052253	A	Sandy grey to orange till	0.75	none	oxidized, silt & clay at base
MOB940029	14	324487	6054263	A	Silty sandy grey till	0.50	none	faintly fissile, compact, pebbly
MOB940032	14	327049	6058806	A	Sandy grey brown till	0.60	none	blocky, loose, oxidized at base
MOB940033	14	332957	6052582	A	Sandy green till	0.60	weak	fissile, locally derived clasts, compact
MOB940035	14	334404	6055314	A	Sandy diamicton, glaciofluvial	0.60	none	associated with surface boulder lag
MOB940035	14	334404	6055314	B	Medium grained sand, some gravel	0.50	none	cross lami. and hor. stratif., well sorted
MOB940036	14	335230	6057295	A	Sandy till	0.70	none	fairly loose, very clast rich
MOB940038	14	337189	6059359	A	Silty sandy grey brown till	0.55	none	massive, clast poor
MOB940040	14	337262	6069350	A	Sandy pebbly diamicton	0.60	none	faintly strat., oxidized, silt and sand lenses
MOB940042	14	335854	6067049	A	Sandy cobbly diamicton	0.5-1.5	n/a	faintly stratified, no apparent imbric.
MOB940042	14	335854	6067049	B	Sand and gravel	1.0-4.0	n/a	cross-stratified, stratified graded, compact
MOB940042	14	335854	6067049	C	Sandy silty grey diamicton	0.3-1.5	n/a	compact, contorted
MOB940044	14	337030	6063417	A	Sandy till veneer	0.45	none	compact, fissile
MOB940047	14	339531	6060667	A	Silty sandy till	0.40	moderate	fissile, no apparent DLMT clasts
MOB940050	14	339607	6059272	A	Silt & clay, glaciolacustrine	2.00	none to weak	rythmites, deformed, fining upward
MOB940050	14	339607	6059272	B	Sand, gravel & diamicton	4.00	none	cross-bedded, cross-lam., horiz. strat., def.
MOB940051	14	340042	6058391	A	Sandy pebbly till	1.20	none	faintly fissile, thin grey sand lens, compact
MOB940054	14	339070	6059291	A	Silty sandy grey till	0.20	moderate	sub-fissile, fairly compact
MOB940054	14	339070	6059291	B	Sandy grey till	0.50	none	interstratified sand and silt, sub-fissile
MOB940058	14	319987	6047693	A	Sandy grey brown till	1.05	weak-moderate	loose, DLMT clasts present
MOB940059	14	321060	6049353	A	Sandy grey till	0.25	weak-moderate	fissile, clast poor
MOB940059	14	321060	6049353	B	Sandy diamicton	0.85	weak	massive, very clast poor
MOB940061	14	324970	6049541	A	Sandy pebbly grey till	0.45	none	compact, clast rich
MOB940061	14	324970	6049541	B	Silty clayey brownish red till	0.40	weak-moderate	compact, fissile, leached on top
MOB940062	14	325919	6048515	A	Silty sandy red brown till	0.85	weak	fissile, DLMT clasts
MOB940064	14	327941	6050604	A	Sandy silty grey diamicton	0.65	none	very compact, bouldery
MOB940065	14	317960	6049198	A	Sandy pebbly till	0.45	none	fissile, clast rich
MOB940065	14	317960	6049198	B	Silty clayey red brown till	0.60	none-weak	compact, clast poor
MOB940065	14	317960	6049198	C	Silty grey sand	0.35	strong	faintly laminated
MOB940066	14	316351	6050315	A	Sand, nearshore	0.30	none	massive
MOB940066	14	316351	6050315	B	Silty sandy grey diamicton	0.25	none	interstratified, loose silty layers
MOB940066	14	316351	6050315	C	Brown clay	0.35	none	massive
MOB940070	14	318053	6051515	A	Sandy silty red-brown till	0.65	none	fissile, rare DLMT clasts
MOB940070	14	318053	6051515	B	Red medium grained sand	0.25	none	massive
MOB940072	14	315369	6048714	A	Silty sandy greyish white till	0.80	weak/moderate	loose, clast poor
MOB940074	14	317913	6047559	A	Silty beige to white till	0.50	moderate	color stratified, clast poor
MOB940076	14	318302	6044697	A	Silty beige till	0.60	weak	clast poor, sub-fissile
MOB940077	14	323271	6044687	A	Silty sandy red till	0.80	weak/strong	fissile, red DLMT clasts, leached on top
MOB940078	14	321005	6042919	A	Sand, nearshore	0.30	none	massive
MOB940078	14	321005	6042919	B	Silty clayey brown till	0.40	weak/none	clast poor, reddish till layers
MOB940079	14	321121	6039913	A	Clayey silty red brown till	0.50	weak-strong	compact, red DLMT clasts, clast rich
MOB940080	14	323995	6038749	A	Silty grey till	0.40	none	sub-fissile, compact, clast rich

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB940080	14	323995	6038749	B	Clayey brown till	0.35	weak-none	massive, compact, clast poor, leached on top
MOB940081	14	326906	6041360	A	Sandy till	0.80	weak-moderate	loose, leached on top
MOB940084	14	333504	6045446	A	Sandy grey till	0.85	moderate	sub-fissile, clast rich
MOB940085	14	338534	6048265	A	Sandy grey till	0.60	none	compact, clast rich
MOB940088	14	406930	6043753	A	Cobbly gravel	2.00	none	cross-bedded (towards NW), interstrat.diamictons
MOB940088	14	406930	6043753	B	Fine to medium grained sand	2.00	none	faulted, cross-laminated
MOB940090	14	332355	6059628	A	Sandy grey till	0.70	none	loose, gravelly, locally derived
MOB940091	14	332225	6058550	A	Sand, glaciofluvial	0.80	none	faintly stratified
MOB940091	14	332225	6058550	B	Sandy grey diamicton	0.45	strong	fissile, compact, CaCO3 layers
MOB940091	14	332225	6058550	C	Sand, glaciofluvial	0.10	none	stratified
MOB940104	14	367456	6045691	A	Sandy beige till	1.40	strong	fissile, stony
MOB940107	14	396575	6058046	A	Sandy grey till	0.80	none	oxidized, fissile, rather loose
MOB940108	14	397692	6055918	A	Sandy green till	0.60	none	oxydized, blocky
MOB940109	14	394770	6052089	A	Sandy silty grey till	0.50	none	fissile, compact
MOB940110	14	399882	6054354	A	Sand and gravel, nearshore	0.30	none	faintly stratified
MOB940110	14	399882	6054354	B	Grey sandy till	0.60	none	loose, sub-fissile, clast rich
MOB940112	14	403379	6052640	A	Silty grey till	0.60	strong	fissile, large DLMT boulders
MOB940113	14	358203	6040186	A	Sandy beige till	3.00	strong	massive, compact, stony
MOB940119	14	431255	6061530	A	Sandy grey till	0.50	none	clast poor
MOB940120	14	432449	6065963	A	Clay, glaciolacustrine	0.15	none	massive
MOB940120	14	432449	6065963	B	Sandy greenish grey till	0.55	none	fissile, compact
MOB940121	14	428408	6060430	A	Sandy dark green till	1.00	none	fissile, blocky, locally derived MSDM clasts
MOB940122	14	424303	6055921	A	Sandy grey till	0.40	none	clast poor
MOB940123	14	415676	6064452	A	Sandy grey brown till	0.60	none	locally derived GRNT clasts
MOB940124	14	412909	6067596	A	Sandy yellowish green till	0.50	none	granite derived, loose
MOB940125	14	411369	6061072	A	Silty grey diamicton	0.40	none	massive, clast poor, compact
MOB940126	14	399959	6066752	A	Sandy green till	0.80	none	massive, clast poor, loose
MOB940127	14	392790	6060948	A	Washed gravelly grey till	0.50	none	bouldery
MOB940128	14	390152	6054116	A	Sandy greenish grey till	0.60	none	gravel poor, boulder rich
MOB940129	14	382327	6062352	A	Sandy grey till	1.00	strong	sub-fissile, bouldery, no apparent DLMT clasts
MOB940130	14	363892	6058168	A	Sandy grey till	0.50	none	silty washed and oxidized
MOB940131	14	360393	6062760	A	Sandy beige grey till	0.80	none	compact, bouldery, granite rich
MOB940132	14	385914	6063961	A	Sandy greenish brown till	0.60	none	MVCC derived
MOB940133	14	363738	6067328	A	Sand and gravel, nearshore	0.40	none	oxidized
MOB940133	14	363738	6067328	B	Sandy clayey brownish grey till	0.30	none	irregularly stratified (clay)
MOB940134	14	367152	6067196	A	Sandy till	0.55	none	oxidized
MOB940135	14	353032	6062312	A	Sandy grey till	0.90	none	sub-fissile, loose
MOB940136	14	352304	6058686	A	Sandy yellowish green till	0.60	none	granite clasts abondant
MOB940137	14	355163	6069513	A	Sandy brown green till	0.60	none	faintly stratified, loose, oxidized
MOB940137	14	355163	6069513	B	Medium grained sand	0.50	none	massive, oxidized
MOB940138	14	363867	6072799	A	Sandy grey till	0.90	none	loose, granite derived
MOB940139	14	367904	6075122	A	Sandy grey to yellow till	0.70	none	loose, granite derived
MOB940140	14	396119	6010305	A	Silty beige till	1.40	strong	fissile, CaCO3 layers
MOB940140	14	396119	6010305	B	Sandy grey brown till	0.90	strong	compact
MOB940143	14	331092	6059922	A	Sand & diamicton	1.10	strong	interstratified, laminated, faulted, carb. layers
MOB940143	14	331092	6059922	B	Sandy diamicton	0.40	none	interstratified, sandy silty layers, dropstone
MOB940144	14	327592	6063149	A	Sand, some grave,l nearshore	0.50	none	stratified
MOB940144	14	327592	6063149	B	Medium grained sand	2.00	none	laminated, faintly rippled, gravel layers

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB940144	14	327592	6063149	C	Fine grained sand	2.50	none	laminated, rippled, climbing ripples
MOB940147	14	327426	6063495	A	Medium grained sand with cobbles	0.50	none	faintly stratified, oxidized
MOB940147	14	327426	6063495	B	Sandy greenish brown diamicton	1.00	none	fissile, faintly stratified, clast rich
MOB940151	14	328507	6066487	A	Sandy pale green till	0.55	none	clast rich, compact
MOB940153	14	329474	6069792	A	Sandy yellowish till	0.70	none	loose
MOB940155	14	347476	6066023	A	Sandy grey till	0.50	none	clast rich, pebble lag
MOB940156	14	356062	6065184	A	Sandy beige green till	0.70	none	massive, boulder rich, granite derived
MOB940157	14	351846	6067672	A	Silty sandy pale green till	0.40	none	polished
MOB940158	14	343787	6070697	A	Washed till	0.60	none	granite derived
MOB940159	14	351416	6076905	A	Sandy pale beige till	0.55	none	compact, cemented, clast rich
MOB940160	14	356252	6074489	A	Sandy till	0.50	none	faintly stratified, granite derived
MOB940161	14	358265	6079406	A	Sandy till	0.65	none	oxidized
MOB940192	14	401527	612419	A	Silty clay	1.00	moderate	rhytmites, 4 mm thick, coarsering upward
MOB940221	14	320049	6034199	A	Clayey sandy brown till	0.90	moderate	leached on top, clast
MOB940222	14	313667	6027275	A	Clayey sandy brown till	0.60	weak	clast poor, red till layers
MOB940222	14	313667	6027275	B	Sandy grey brown till	0.40	moder./strong	loose, CaCO3 layers on top
MOB940223	14	308569	6021172	A	Clayey brown till	0.40	none/weak	clast poor
MOB940224	14	309340	6006131	A	Clayey brown diamicton, glaciolacustrine	0.20	weak (leached)	massive, dropstones (all DLMT)
MOB940224	14	309340	6006131	B	Silty sandy brown orange till	0.50	moder./strong	compact, clast rich, leached to 50 cm depth
MOB940225	14	308809	5995940	A	Clayey brown diamicton	0.65	none	massive, clast rich (dropstones)
MOB940226	14	314646	5995826	A	Silty beige grey till	0.60	strong	fissile
MOB940227	14	315436	5990998	A	Sand and gravel, nearshore	0.40	none	faintly stratified
MOB940228	13	696036	5994564	A	Clayey sandy reddish till	0.55	weak	compact, clast rich
MOB940229	13	685828	5988542	A	Clayey diamicton, glaciolacustrine	0.30	none	dropstone clasts, large DLMT slabs
MOB940229	13	685828	5988542	B	Clayey sandy orange till	0.77	weak	compact
MOB940230	13	684094	6005059	A	Peat	0.40	n/a	derived from moss, sphagnum and spruces
MOB940230	13	684094	6005059	B	Clayey silty beige till	0.80	moderate	clast poor
MOB940231	13	676437	6002532	A	Clayey silt, glaciolacustrine	0.30	strong	laminated, 0.5 thick
MOB940231	13	676437	6002532	B	Clayey sandy red till	0.70	moderate	compact, fissile
MOB940232	14	307854	6028723	A	Clayey brown diamicton	0.50	none/weak	massive
MOB940232	14	307854	6028723	B	Silty sandy grey till	0.30	moderate	sub-fissile
MOB940233	13	669396	6026432	A	Clayey grey brown till	0.55	weak	massive, sticky, DLMT clasts abondant
MOB940234	13	674103	6023359	A	Silty sandy beige till	0.60	strong	fissile, compact, clast rich
MOB940235	13	668239	6007176	A	Silty beige till	0.60	strong	sticky
MOB940236	13	671761	5992455	A	Silty sandy reddish brown till	0.40	strong	PC clasts abondant
MOB940238	13	650988	6001536	A	Clayey brown diamicton, glaciolacustrine	0.25	none-weak	massive
MOB940238	13	650988	6001536	B	Silty beige till	0.35	strong	sub-fissile
MOB940240	13	657696	6039254	A	Silty buff colored till	0.40	weak (leached)	oxidized, boulder lag
MOB940240	13	657696	6039254	B	Sand and gravel	0.40	weak	massive
MOB940241	13	643381	6037359	A	Sandy grey beige till	0.80	weak (leached)	fissile, CaCO3 layers
MOB940242	13	632785	6031223	A	Washed sandy beige till	0.35	weak	clast rich
MOB940243	13	640262	6011466	A	Sandy grey white till	1.05	strong	loose, leached to 50 cm
MOB940244	13	634430	6003313	A	Sandy silty grey white till	0.70	moderate	loose, sub-fissile at base
MOB940245	13	642858	5998989	A	Silty sandy grey white till	0.50	strong	sub-fissile
MOB940246	13	667900	6017435	A	Silty beige till	0.50	moderate	loose, oxidized
MOB940247	14	310417	6036910	A	Sandy beige till	0.60	none	compact
MOB940248	13	688194	6021564	A	Silty sandy yellow grey till	1.00	strong	loose, color banded
MOB940249	14	690765	6014986	A	Clayey brown till	0.30	weak	bouldery

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Site Number	UTM Zone	Easting	Northing	Stratigra-phic Unit	Unit Description / Interpretation	Thick-ness(m)	HCl Reaction	Structure / Comments
MOB940249	14	690765	6014986	B	Silty sandy yellowish red till	0.45	strong	loose, color banded
MOB940251	14	652458	6026146	A	Sandy green till	0.80	none/weak	sub-fissile, clasts
MOB940252	14	640611	6020756	A	Sandy silty grey till	0.80	strong	sub-fissile, clast rich
MOB940253	13	648250	6023873	A	Sandy grey brown till	0.95	none	compact, DLMT clasts
MOB940254	13	662300	6040000	A	Sandy till	1.00	moderate	fissile, leached to 65 cm
MOB940255	14	660246	6047170	A	Sandy green till	0.75	moderate	loose, leached to 60 cm
MOB940256	13	652354	6047611	A	Sandy green till	0.50	weak	boulder lag
MOB940257	13	639321	6042862	A	Sandy green till	0.40	none	leached, clast poor
MOB940258	13	640786	6047269	A	Sandy silty pale beige till	1.00	weak	sub-fissile
MOB940258	13	640786	6047269	B	Medium grained sand	0.50	moderate	massive
MOB940259	13	630962	6043820	A	Sandy to beige till	0.70	strong	bouldery, CaCO3 layers
MOB940260	13	631346	6037986	A	Silty greyish white till	0.70	strong	sub-fissile, loose, clast poor
MOB940260	13	631346	6037986	B	Sandy diamicton	0.20	none/weak	n/a
MOB940261	13	633126	6049760	A	Sandy silty grey brown till	0.43	moderate	sub-fissile, CaCO3 layers at bedrock
MOB940262	14	351971	6001502	A	Cobbly gravel, nearshore	0.50	N/A	loose, sub-stratified, rounded clasts
MOB940262	14	351971	6001502	B	Silty beige till	0.55	strong	blocky, compact, slightly fissile
MOB940263	14	351859	6001413	A	Sand and gravel, nearshore	0.40	N/A	stratified
MOB940263	14	351859	6001413	B	Silty sandy red brown till	1.00	strong	blocky, compact, pebbly, fissile
MOB940264	14	351709	6001263	A	Sandy silty beige till	1.50	moderate-weak	blocky, fissile, clast poor
MOB940265	14	351245	6000938	A	Clayey silt, glaciolacustrine	2.65	weak-moderate	massive, dropstones, interlayed red silty diamictons
MOB940266	14	344400	6011400	A	Clayey brown till	0.30	weak	clasts abondant
MOB940266	14	344400	6011400	B	Clayey silt & diamicton	0.47	very weak	laminated, dropstone, interlayed till layers
MOB940266	14	344400	6011400	C	Sandy silty orange till	0.30	moderate	fissile, compact
MOB950002	13	636348	6099574	A	Sandy beige till	1.00	none	sub-fissile, clast rich, boulder lag
MOB950006	13	631772	6096920	A	Sandy silty till	0.55	none	sub-fissile, compact, clast poor
MOB950008	13	633883	6094195	A	Sandy beige to brown till	0.60	none	clast rich, slightly oxidized
MOB950012	13	637534	6089838	A	Silty sandy grey diamicton, glaciol.	0.40	none	stratified, clast poor
MOB950017	13	630084	6091687	A	Sandy silty grey brown till	0.65	none	clast rich, mainly MSDM
MOB950022	13	629705	6085409	A	Sandy gravelly grey till	0.65	none	fissile, compact, slightly oxidized
MOB950026	13	633337	6083469	A	Sandy grey till	0.35	none	granite derived, compact, clast rich, boulder lag
MOB950029B	13	660250	6080005	A	Cobbly gravel	0.20	none	subhorizontal, rounded clasts, clast supported
MOB950029B	13	660250	6080005	B	Bouldery gravel	2.30	none	cross-bedded, towards west, rounded clasts
MOB950035	13	688339	6101944	A	Sandy grey brown till	0.60	none	cobbly, loose, boulder lag
MOB950036	13	672507	6101531	A	Sandy silty diamicton	0.70	none	irregularly stratified (sand & silty clay layers), loose
MOB950037a	13	672048	6110862	A	Sandy grey brown till	0.55	none	fair compactness, boulder lag, clast rich
MOB950037b	13	676182	6117037	A	Sandy brown to green till	0.70	none	slightly oxidized, clast rich, granite clasts dominant
MOB950038	13	671883	6123143	A	Sandy silty greenish brown till	0.60	none	fissile, clast rich (MVCC mostly)
MOB950039	13	685129	6122932	A	Sandy brownish green till	0.60	none	fissile, loose, clast rich
MOB950040	13	658728	6121993	A	Sandy brownish green till	0.50	none	oxidized, clast rich, fairly compact
MOB950041	13	661254	6114547	A	Gravelly diamicton	0.85	none	angular clasts, loose, gravel layer at bottom
MOB950042	13	656757	6103940	A	Silty sand	0.30	none	massive
MOB950042	13	656757	6103940	B	Silty beige till	0.45	none	fissile, clast poor, compact
MOB950043	13	634718	6076497	A	Sandy silty grey diamicton	0.70	none	irregularly stratified (silty layers), compact
MOB950044	13	630451	6057854	A	Sandy silty beige to brown till	0.60	weak-none	leached on top, abondant DLMT slabs
MOB950045	13	635600	6055150	A	Silty sandy grey till	0.75	moder.-strong	fissile, leached to 65 cm, clast rich

APPENDIX V. Humus Geochemistry

Sample preparation: Air-dried; sieve at < 35 mesh screen (0.425 mm)
Analytical extractions: Nitric Aqua regia (HCl-HNO3, 3:1)
Multi-acid (HF-HClO4-HNO3-HCl)
Analytical metods: AAS (Standard atomic absorption spectrometry)
ICP-AES (Inductively coupled plasma atomic emission spectrometry)
Colour. (Colourimetric techniques)
CV-AAS (Atomic absorption spectrometry, cold vapor)

NOTE: In data file, values below detection limit have been assigned 1/2 detection limit.

LAB: BC-1 (Bondar-Clegg Co. Ltd, in 1986)

ELEMENT	Method	Extraction	Detection limit
As (ppm)	Colour.	Multi-acid	2
Cd (ppm)	AAS	Aqua regia	0.2
Cr (ppm)	AAS	Aqua regia	2
Cu (ppm)	AAS	Aqua regia	1
Ni (ppm)	AAS	Aqua regia	2
Pb (ppm)	AAS	Aqua regia	2
Zn (ppm)	AAS	Aqua regia	1

LAB: BC-2 (Bondar-Clegg Co. Ltd, in 1990 and 1991)

ELEMENT	Method	Extraction	Detection limit
Ag (ppm)	ICP-AES	Aqua regia	0.2
Al (%)	ICP-AES	Aqua regia	0.01
As (ppm)	ICP-AES	Aqua regia	5
Ba (ppm)	ICP-AES	Aqua regia	2
Bi (ppm)	ICP-AES	Aqua regia	5
Ca (%)	ICP-AES	Aqua regia	0.01
Cd (ppm)	ICP-AES	Aqua regia	0.2
Co (ppm)	ICP-AES	Aqua regia	1
Cr (ppm)	ICP-AES	Aqua regia	1
Cu (ppm)	ICP-AES	Aqua regia	1
Fe (%)	ICP-AES	Aqua regia	0.01
Hg (ppb)	CV-AAS	Multi-acid	5
K (%)	ICP-AES	Aqua regia	0.01
La (ppm)	ICP-AES	Aqua regia	1
Mg (%)	ICP-AES	Aqua regia	0.01
Mn (ppm)	ICP-AES	Aqua regia	1
Mo (ppm)	ICP-AES	Aqua regia	1
Na (%)	ICP-AES	Aqua regia	0.01
Ni (ppm)	ICP-AES	Aqua regia	1
Pb (ppm)	ICP-AES	Aqua regia	2
Sb (ppm)	ICP-AES	Aqua regia	5
Sc (ppm)	ICP-AES	Aqua regia	5
Sr (ppm)	ICP-AES	Aqua regia	1
V (ppm)	ICP-AES	Aqua regia	1

Zn (ppm)	ICP-AES	Aqua regia	1

LAB: CHEMEX Inc. (1992 through 1995)

ELEMENT	Method	Extraction	Detection limit
Ag (ppm)	ICP-AES	Aqua regia	0.2
Al (%)	ICP-AES	Aqua regia	0.01
As (ppm)	ICP-AES	Aqua regia	2
Ba (ppm)	ICP-AES	Aqua regia	10
Bi (ppm)	ICP-AES	Aqua regia	2
Ca (%)	ICP-AES	Aqua regia	0.01
Cd (ppm)	ICP-AES	Aqua regia	0.5
Co (ppm)	ICP-AES	Aqua regia	1
Cr (ppm)	ICP-AES	Aqua regia	1
Cu (ppm)	ICP-AES	Aqua regia	1
Fe (%)	ICP-AES	Aqua regia	0.01
Hg (ppb)	CV-AAS	Aqua regia	10
K (%)	ICP-AES	Aqua regia	0.01
La (ppm)	ICP-AES	Aqua regia	10
Mg (%)	ICP-AES	Aqua regia	0.01
Mn (ppm)	ICP-AES	Aqua regia	5
Mo (ppm)	ICP-AES	Aqua regia	1
Na (%)	ICP-AES	Aqua regia	0.01
Ni (ppm)	ICP-AES	Aqua regia	1
P (ppm)	ICP-AES	Aqua regia	10
Pb (ppm)	ICP-AES	Aqua regia	2
Sb (ppm)	ICP-AES	Aqua regia	2
Sc (ppm)	ICP-AES	Aqua regia	1
Sr (ppm)	ICP-AES	Aqua regia	1
Ti (%)	ICP-AES	Aqua regia	0.01
V (ppm)	ICP-AES	Aqua regia	1
Zn (ppm)	ICP-AES	Aqua regia	2

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
86KDA3269	14	319150	6070700	BC-1			71				10.0		14	287						
86KDA3274	14	318750	6070550	BC-1			82				40.0		18	1430						
86KDA3278	14	318150	6070750	BC-1			129				50.5		20	1920						
86KDA3282	14	317600	6071000	BC-1			107				27.0		16	1200						
86KDA3286	14	317600	6071000	BC-1			92				26.5		24	1010						
86KDA3293	14	317700	6072700	BC-1			54				12.5		18	396						
86KDA3300	14	318200	6072200	BC-1			93				22.5		30	1030						
86KDA3302	14	316900	6071550	BC-1			36				11.5		16	554						
86KDA3306	14	319050	6071500	BC-1			65				14.0		10	516						
86KDA3313	14	319750	6070200	BC-1			207				43.5		14	1725						
86KDA3314	14	327600	6063200	BC-1			26				6.0		8	161						
86KDA3318	14	321250	6066250	BC-1			47				10.5		20	455						
86KDA3322	14	317450	6073250	BC-1			64				32.5		12	1425						
86KDA3327	14	317400	6073850	BC-1			28				23.0		6	828						
86KDA3331	14	317500	6074550	BC-1			72				24.0		14	1026						
90KDA0200H	14	424700	6082550	BC-2	0.1	0.35	7	152	5	0.71	3.1	3	13	14	0.41	137	0.16	4	0.23	329
90KDA0201H	14	424725	6082425	BC-2	0.1	0.35	2.5	97	2.5	0.58	1.6	3	24	10	0.46	137	0.15	5	0.30	133
90KDA0202H	14	424650	6082200	BC-2	0.1	0.48	2.5	196	6	0.71	2.4	2	14	14	0.61	211	0.19	5	0.34	134
90KDA0203H	14	424650	6082100	BC-2	0.1	0.55	2.5	282	2.5	2.86	2.3	4	19	36	0.75	96	0.14	6	0.70	1214
90KDA0204H	14	424500	6081250	BC-2	0.1	0.27	2.5	139	2.5	1.63	1.6	4	11	19	0.40	172	0.19	3	0.68	1389
90KDA0205H	14	424500	6080250	BC-2	0.1	0.33	8	100	2.5	0.64	1.5	2	9	14	0.43	384	0.13	3	0.35	243
91KDA0300H	14	434900	6076550	BC-2	0.1	0.30	7	114	2.5	1.34	1.0	1	20	15	0.45	249	0.14	3	0.46	803
91MOB0001h	14	318815	6076970	BC-2	2.4	0.19	57	203	2.5	1.45	44.1	14	16	1574	0.93	2371	0.11	1	0.52	1928
91MOB0003h	14	346435	6034384	BC-2	1.0	0.42	2.5	67	2.5	2.18	2.3	2	76	53	0.77	365	0.18	5	1.77	312
91MOB0005h	14	436605	6065413	BC-2	1.0	0.48	23	121	2.5	1.20	0.7	2	14	27	0.52	122	0.13	6	0.72	520
91MOB0006h	14	437378	6065419	BC-2	0.3	0.84	15	147	2.5	1.93	0.8	7	6	12	0.70	198	0.08	16	1.18	257
91MOB0007h	14	437098	6066101	BC-2	0.2	0.41	6	81	2.5	1.69	1.1	2	81	37	0.61	86	0.09	8	0.95	174
91MOB0008h	14	437910	6058120	BC-2	0.2	2.58	2.5	163	2.5	1.90	0.1	15	69	50	3.17	35	0.56	32	3.26	884
91MOB0009h	14	482153	5966147	BC-2	1.0	0.80	6	60	2.5	1.78	0.2	3	31	9	0.92	128	0.16	6	1.47	275
91MOB0010h	14	486147	5976180	BC-2	1.0	0.95	2.5	69	2.5	2.07	0.3	3	53	6	1.12	45	0.09	7	1.80	406
91MOB0011h	14	487717	5983803	BC-2	1.0	0.72	7	117	2.5	3.19	0.6	2	23	9	0.75	106	0.12	10	1.60	479
91MOB0012h	14	488110	5986428	BC-2	1.0	0.36	10	49	2.5	3.53	0.1	0.5	19	7	0.43	109	0.07	4	1.79	306
91MOB0013h	14	448421	6051727	BC-2	1.0	0.33	2.5	76	2.5	2.28	1.4	0.5	19	9	0.43	134	0.10	3	1.91	119
91MOB0014h	14	361885	5982216	BC-2	0.2	0.19	7	34	2.5	3.23	0.2	0.5	7	15	0.26	99	0.09	1	3.07	185
91MOB0015h	14	361886	5982223	BC-2	0.3	0.48	2.5	96	2.5	2.70	0.1	2	23	17	0.59	64	0.18	5	1.75	308
91MOB0016h	14	392461	6005860	BC-2	0.3	0.33	13	70	2.5	2.77	1.0	5	9	22	0.39	192	0.13	4	2.28	345
91MOB0017h	14	387039	5996312	BC-2	1.0	0.57	7	78	2.5	2.34	1.7	3	25	16	0.74	128	0.20	5	1.41	447
91MOB0018h	14	378309	5988710	BC-2	1.0	0.84	2.5	65	2.5	2.12	0.1	1	110	18	1.19	115	0.13	9	1.47	628
91MOB0019h	14	434729	5985248	BC-2	1.0	0.56	2.5	116	2.5	3.17	0.2	3	39	17	0.71	125	0.10	8	2.00	1139
91MOB0020h	14	435590	5994429	BC-2	1.0	1.53	8	129	2.5	2.05	1.3	5	45	14	1.53	208	0.13	12	1.61	586
91MOB0021h	14	350786	5986291	BC-2	1.0	0.33	2.5	39	2.5	4.46	0.8	0.5	63	67	0.56	99	0.11	4	3.90	291
91MOB0022h	14	348391	5995709	BC-2	1.0	0.43	2.5	85	2.5	4.52	0.3	0.5	21	21	0.60	122	0.07	3	2.11	593
91MOB0023h	14	343644	6000122	BC-2	0.2	1.58	2.5	199	6	3.90	1.0	8	62	16	2.31	67	0.23	12	4.31	1406
91MOB0024h	14	346426	6000957	BC-2	1.0	0.97	7	136	2.5	2.46	2.3	4	57	38	1.15	205	0.20	6	1.62	1303
91MOB0025h	14	339790	6007820	BC-2	0.2	0.35	7	156	2.5	1.79	1.4	1	18	32	0.46	275	0.18	2	0.83	602
91MOB0026h	14	349546	6000003	BC-2	0.3	0.96	11	114	2.5	1.51	1.5	5	30	25	1.11	163	0.32	8	1.30	1098
91MOB0027h	14	353089	6003362	BC-2	0.2	0.64	2.5	71	2.5	5.33	0.9	0.5	39	21	0.85	125	0.07	9	3.36	444
91MOB0028h	14	355826	6011553	BC-2	0.2	0.54	5	66	2.5	3.44	1.0	1	59	18	0.74	115	0.07	4	2.45	592
91MOB0029h	14	348718	6011610	BC-2	0.2	1.21	2.5	78	2.5	1.78	0.3	6	60	17	1.51	54	0.25	10	2.75	376
91MOB0030h	14	315683	6100400	BC-2	0.2	0.64	11	83	2.5	0.18	3.7	3	59	65	0.84	272	0.25	4	0.66	176

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
86KDA3269			8		152						1275
86KDA3274			6		963						7760
86KDA3278			10		1098						13900
86KDA3282			8		884						4230
86KDA3286			12		564						5380
86KDA3293			8		251						1860
86KDA3300			12		579						5180
86KDA3302			8		267						1595
86KDA3306			6		262						2650
86KDA3313			14		1006						8560
86KDA3314			6		188						588
86KDA3318			12		247						1570
86KDA3322			10		671						5630
86KDA3327			6		454						2980
86KDA3331			8		787						4060
90KDA0200H	0.5	0.05	7		47	9	2.5	21		7	91
90KDA0201H	0.5	0.05	8		37	7	2.5	25		8	42
90KDA0202H	0.5	0.05	5		35	8	2.5	31		10	78
90KDA0203H	1	0.06	10		48	6	2.5	53		13	154
90KDA0204H	0.5	0.06	8		45	7	2.5	40		6	108
90KDA0205H	0.5	0.06	5		56	7	2.5	17		7	91
91KDA0300H	0.5	0.06	5		26	7	2.5	39		8	103
91MOB0001h	4	0.01	9		1249	11	2.5	40		5	10299
91MOB0003h	3	0.03	13		51	2.5	2.5	18		12	484
91MOB0005h	2	0.02	9		23	2.5	2.5	29		8	118
91MOB0006h	2	0.02	6		12	2.5	2.5	34		5	41
91MOB0007h	2	0.02	8		19	2.5	2.5	28		10	64
91MOB0008h	2	0.06	45		15	2.5	5	54		59	118
91MOB0009h	2	0.02	13		15	2.5	2.5	32		16	72
91MOB0010h	3	0.03	12		6	2.5	2.5	12		20	40
91MOB0011h	4	0.02	10		26	2.5	2.5	17		14	34
91MOB0012h	3	0.02	5		1	2.5	2.5	16		7	29
91MOB0013h	2	0.02	7		21	2.5	2.5	19		8	30
91MOB0014h	2	0.02	5		24	2.5	2.5	29		5	24
91MOB0015h	3	0.02	14		9	2.5	2.5	15		10	41
91MOB0016h	2	0.02	7		30	2.5	2.5	16		8	76
91MOB0017h	2	0.02	12		28	2.5	2.5	13		12	85
91MOB0018h	3	0.02	11		31	2.5	2.5	10		18	69
91MOB0019h	3	0.02	10		24	2.5	2.5	17		12	42
91MOB0020h	2	0.02	18		29	2.5	2.5	14		26	66
91MOB0021h	4	0.02	9		5	2.5	2.5	17		9	112
91MOB0022h	3	0.02	5		3	2.5	2.5	27		11	31
91MOB0023h	2	0.02	19		16	2.5	2.5	19		34	92
91MOB0024h	2	0.02	14		101	2.5	2.5	15		22	296
91MOB0025h	2	0.02	6		58	2.5	2.5	15		9	270
91MOB0026h	3	0.02	16		38	2.5	2.5	20		23	169
91MOB0027h	4	0.02	8		19	2.5	2.5	22		15	62
91MOB0028h	3	0.02	5		16	2.5	2.5	16		11	79
91MOB0029h	3	0.03	18		6	2.5	2.5	14		29	70
91MOB0030h	0.5	0.03	11		102	2.5	2.5	18		12	365

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
91MOB0031h	14	324438	6097220	BC-2	0.5	0.25	18	71	2.5	0.31	4.4	1	14	122	0.32	451	0.11	2	0.18	97
91MOB0032h	14	370024	6099685	BC-2	0.2	0.27	2.5	175	2.5	0.32	0.1	1	54	16	0.33	90	0.11	4	0.24	150
91MOB0033h	14	369147	6051387	BC-2	1.0	0.26	10	66	2.5	2.46	1.7	0.5	10	35	0.33	227	0.14	3	0.73	248
91MOB0034h	14	370255	6049783	BC-2	1.0	0.36	10	138	2.5	1.16	1.2	3	145	22	0.76	150	0.09	4	0.79	977
91MOB0035h	14	364910	6043984	BC-2	1.0	0.36	13	113	2.5	2.24	1.8	1	42	43	0.58	182	0.11	4	1.30	1408
91MOB0036h	14	360264	6041461	BC-2	1.0	0.35	12	75	2.5	2.21	2.9	0.5	21	54	0.49	304	0.11	3	1.71	609
91MOB0041h	13	685910	6039437	BC-2	0.6	0.41	2.5	207	2.5	1.69	1.7	3	12	45	0.49	262	0.19	6	0.85	872
91MOB0042h	14	307966	6042535	BC-2	0.6	0.92	15	287	2.5	1.56	2.3	4	43	50	1.20	227	0.21	6	1.00	581
91SL001H	14	449350	6076750	BC-2	0.1	0.13	2.5	54	2.5	0.35	1.6	0.5	11	7	0.14	236	0.12	2	0.12	123
91SL002H	14	449000	6077450	BC-2	0.2	0.45	2.5	159	2.5	1.04	2.5	11	79	12	0.76	106	0.20	6	0.54	954
91SL003H	14	453550	6090900	BC-2	0.1	0.75	2.5	119	2.5	0.45	1.3	10	74	11	1.18	74	0.12	10	0.59	476
91SL004H	14	454800	6091600	BC-2	0.1	0.19	2.5	105	2.5	1.23	1.9	5	12	10	0.25	230	0.18	3	0.35	821
91SL005H	14	455350	6091750	BC-2	0.1	0.23	2.5	62	2.5	0.60		4	53	7	0.33	159	0.15	2	0.25	202
91SL006H	14	453200	6090900	BC-2	0.1	0.35	6	79	2.5	0.64	2.0	3	36	63	0.57	260	0.16	6	0.37	577
91SL007H	14	452450	6090200	BC-2	0.1	0.24	2.5	71	2.5	0.73	1.7	2	34	29	0.40	302	0.17	2	0.32	443
91SL010H	14	444700	6086900	BC-2	0.1	0.48	2.5	58	2.5	0.46	1.5	3	49	14	0.61	170	0.13	2	0.30	152
91SL011H	14	445300	6090400	BC-2	0.3	0.75	2.5	262	2.5	2.24	5.5	9	32	118	1.49	156	0.19	5	0.83	765
91SL012H	14	446250	6090250	BC-2	0.1	0.69	8	118	5	0.51	1.3	3	14	55	0.61	358	0.14	4	0.23	153
91SL013H	14	446750	6091350	BC-2	0.1	1.39	2.5	143	2.5	0.33	1.5	9	19	36	0.79	290	0.10	17	0.21	206
91SL014H	14	447200	6092900	BC-2	0.1	0.60	7	167	2.5	0.65	1.3	4	25	460	0.54	299	0.11	5	0.30	108
91SL015H	14	447850	6094050	BC-2	0.1	0.46	6	141	2.5	0.93	1.0	2	40	48	0.56	313	0.12	5	0.35	275
91SL016H	14	447400	6094750	BC-2	0.1	0.48	2.5	86	2.5	1.35	0.4	4	33	36	0.70	156	0.10	5	0.44	121
91SL017H	14	446900	6093450	BC-2	0.1	0.39	2.5	173	2.5	1.07	0.1	5	71	11	0.66	125	0.12	4	0.51	658
91SL018H	14	446200	6092050	BC-2	0.8	0.42	2.5	84	2.5	0.25	1.4	14	23	177	1.13	246	0.13	2	0.30	182
91SL019H	14	429350	6079350	BC-2	0.6	0.34	18	50	21	10.00	2.4	3	15	156	0.89	292	0.11	3	8.46	412
91SL020H	14	428300	6077100	BC-2	3.7	0.43	24	49	14	6.96	8.7	3	27	208	1.14	771	0.15	5	5.65	521
91SL021H	14	441600	6087750	BC-2	0.3	0.32	7	72	2.5	1.23	2.4	1	19	28	0.45	246	0.12	3	1.10	103
91SL022H	14	440150	6088200	BC-2	0.1	0.34	9	174	2.5	1.68	2.6	11	6	23	0.32	262	0.16	2	0.63	1243
91SL023H	14	439400	6089300	BC-2	0.1	0.34	2.5	153	2.5	1.44	0.6	13	23	25	0.50	172	0.15	4	0.51	1064
91SL024H	14	438750	6090800	BC-2	0.1	0.62	24	111	2.5	0.54	0.1	4	56	15	0.96	135	0.11	8	0.38	212
91SL025H	14	438150	6092350	BC-2	0.1	0.44	2.5	127	2.5	0.77	0.6	4	65	12	0.77	156	0.13	11	0.46	984
91SL026H	14	438150	6089600	BC-2	0.1	1.13	6	90	7	1.80	0.8	19	22	36	1.17	178	0.18	17	0.80	1638
91SL027H	14	437550	6088000	BC-2	0.1	0.48	6	94	2.5	0.65	1.3	4	38	13	0.71	231	0.18	4	0.48	619
91SL028H	14	450150	6070650	BC-2	0.1	1.04	2.5	121	2.5	1.84	1.5	11	19	22	1.07	167	0.34	22	1.55	1743
91SL029H	14	450500	6071150	BC-2	0.1	0.70	46	127	2.5	0.77	1.4	23	44	12	0.75	376	0.15	9	0.46	414
91SL030H	14	452100	6071050	BC-2	0.1	0.30	2.5	54	2.5	0.85	1.1	4	33	10	0.40	172	0.16	4	0.38	393
91SL031H	14	424200	6072250	BC-2	0.2	0.87	6	69	5	0.81	0.6	8	104	34	1.44	72	0.16	15	1.09	401
91SL032H	14	419850	6068900	BC-2	0.1	0.99	9	148	2.5	1.55	1.3	20	44	52	1.22	133	0.17	4	1.36	396
91SL033H	14	426450	6073900	BC-2	0.1	0.70	7	99	2.5	1.08	1.7	7	113	21	1.09	53	0.19	11	0.89	675
91SL034H	14	435100	6085350	BC-2	0.1	1.65	8	129	2.5	0.65	1.2	12	57	16	2.17	154	0.31	12	1.41	709
91SL035H	14	436250	6082800	BC-2	0.1	0.79	35	129	2.5	0.65	1.4	5	73	24	0.98	302	0.14	5	0.57	332
91SL036H	14	452350	6076300	BC-2	0.1	0.62	23	237	2.5	1.39	0.6	6	24	13	1.10	309	0.16	2	0.60	2066
91SL037H	14	454500	6077400	BC-2	0.1	0.69	2.5	191	2.5	1.32	0.8	7	35	7	0.90	153	0.26	6	0.70	579
91SL039H	14	447850	6076250	BC-2	0.1	0.40	2.5	37	2.5	0.82	0.9	3	21	11	0.49	127	0.11	3	0.42	78
91SL040H	14	452950	6071050	BC-2	0.1	0.15	2.5	47	2.5	2.54	0.1	0.5	6	10	0.22	203	0.22	0.5	0.76	280
91SL041H	14	454550	6071850	BC-2	0.1	0.21	2.5	81	2.5	1.65	0.5	4	8	11	0.30	160	0.18	3	0.55	512
91SL042H	14	453900	6071300	BC-2	0.1	0.54	2.5	99	2.5	0.52	0.1	4	84	10	0.85	167	0.14	9	0.37	386
91SL043H	14	454150	6075550	BC-2	0.1	1.23	12	105	2.5	0.84	0.5	9	35	11	1.64	127	0.16	6	0.97	718
91SL044H	14	442200	6068300	BC-2	0.4	3.01	2.5	390	7	1.12	0.6	22	67	24	3.47	30	0.43	21	1.80	1277
91SL045H	14	441850	6070000	BC-2	0.1	2.06	11	112	2.5	0.74	1.4	13	71	34	2.69	47	0.32	26	1.78	505

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91MOB0031h	1	0.01	6		231	2.5	2.5	19		5	568
91MOB0032h	2	0.02	6		19	2.5	2.5	43		5	53
91MOB0033h	2	0.01	8		55	2.5	2.5	42		8	157
91MOB0034h	2	0.02	9		31	2.5	2.5	12		11	94
91MOB0035h	3	0.02	9		85	2.5	2.5	11		9	188
91MOB0036h	2	0.02	6		100	2.5	2.5	13		8	228
91MOB0041h	2	0.01	10		108	2.5	2.5	59		9	358
91MOB0042h	2	0.02	14		83	2.5	2.5	30		23	206
91SL001H	0.5	0.04	8		20	5	2.5	14		2	59
91SL002H	1	0.06	10		26	2.5	7	32		13	59
91SL003H	0.5	0.06	11		23	2.5	8	20		23	92
91SL004H	0.5	0.05	7		24	8	6	35		5	133
91SL005H		0.04	7		29		5	19		5	59
91SL006H	0.5	0.05	12		30	7	5	15		10	108
91SL007H	0.5	0.05	9		35	5	2.5	17		6	125
91SL010H	0.5	0.05	8		31	7	2.5	12		9	88
91SL011H	0.5	0.07	10		32	5	2.5	39		37	547
91SL012H	0.5	0.05	6		40	8	2.5	18		9	120
91SL013H	0.5	0.05	9		28	7	2.5	18		7	62
91SL014H	0.5	0.05	9		64	8	2.5	42		8	390
91SL015H	0.5	0.05	8		39	6	2.5	35		10	97
91SL016H	1	0.05	15		24	8	2.5	39		13	42
91SL017H	0.5	0.06	11		26	2.5	2.5	34		11	22
91SL018H	0.5	0.06	24		29	2.5	2.5	10		25	56
91SL019H	6	0.07	5		138	22	2.5	31		10	1492
91SL020H	2	0.06	7		555	13	2.5	22		11	4906
91SL021H	0.5	0.06	4		96	9	2.5	24		7	459
91SL022H	0.5	0.05	13		46	7	2.5	33		5	176
91SL023H	0.5	0.06	10		53	5	2.5	29		10	204
91SL024H	0.5	0.06	7		37	2.5	2.5	13		13	102
91SL025H	0.5	0.06	8		24	2.5	2.5	22		12	141
91SL026H	0.5	0.06	17		30	8	2.5	32		18	70
91SL027H	0.5	0.06	7		31	2.5	2.5	17		14	105
91SL028H	0.5	0.06	23		28	7	2.5	60		21	143
91SL029H	0.5	0.06	9		37	7	2.5	26		11	101
91SL030H	0.5	0.06	9		46	6	2.5	19		7	87
91SL031H	0.5	0.07	23		19	2.5	2.5	19		25	90
91SL032H	0.5	0.09	39		26	5	2.5	45		18	172
91SL033H	0.5	0.07	18		15	2.5	2.5	29		19	196
91SL034H	0.5	0.07	27		33	7	2.5	25		44	118
91SL035H	0.5	0.07	12		57	6	2.5	21		18	117
91SL036H	0.5	0.06	13		37	7	2.5	28		18	202
91SL037H	2	0.05	17		24	5	2.5	52		19	119
91SL039H	1	0.06	10		18	2.5	2.5	20		9	28
91SL040H	2	0.05	5		19	6	2.5	42		4	70
91SL041H	0.5	0.05	9		22	7	2.5	33		5	74
91SL042H	0.5	0.06	12		31	5	2.5	19		14	58
91SL043H	2	0.06	14		31	7	2.5	27		43	77
91SL044H	3	0.08	49		38	6	6	48		55	94
91SL045H	0.5	0.07	29		18	2.5	2.5	25		43	98

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
91SL046H	14	441500	6070700	BC-2	0.1	0.56	2.5	230	2.5	1.90	1.9	3	22	20	0.74	280	0.20	5	0.56	1109
91SL047H	14	441250	6071550	BC-2	0.1	0.59	9	244	2.5	2.04	2.3	8	23	23	0.90	223	0.22	8	0.75	2264
91SL048H	14	440550	6071750	BC-2	0.1	0.82	14	160	7	2.76	1.2	6	25	30	1.15	113	0.23	11	1.24	877
91SL049H	14	439550	6071950	BC-2	0.1	0.78	2.5	146	2.5	1.58	2.4	4	17	19	0.94	203	0.18	6	0.67	692
91SL050H	14	438000	6073150	BC-2	0.1	0.19	9	229	2.5	3.66	1.8	0.5	4	17	0.27	183	0.20	2	0.66	666
91SL051H	14	438850	6073400	BC-2	0.1	0.81	9	301	7	2.44	2.0	7	24	20	1.07	167	0.27	6	1.13	1656
91SL052H	14	439850	6074050	BC-2	0.1	0.67	8	110	7	2.88	1.2	4	19	21	1.37	130	0.25	7	1.20	542
91SL053H	14	440750	6073550	BC-2	0.1	1.88	2.5	162	9	2.58	0.8	10	44	29	2.46	93	0.56	22	2.74	633
91SL054H	14	441450	6074600	BC-2	0.1	0.46	2.5	205	2.5	2.29	0.9	1	20	19	0.67	176	0.22	5	0.98	749
91SL055H	14	440450	6075100	BC-2	0.1	0.27	11	168	2.5	2.54	1.6	0.5	6	21	0.39	340	0.20	2	0.54	948
91SL056H	14	441100	6075700	BC-2	0.1	0.55	8	79	5	1.85	0.6	3	31	21	0.98	130	0.25	8	1.09	600
91SL057H	14	440800	6074450	BC-2	0.6	1.57	6	157	6	1.11	0.3	15	57	87	2.73	57	0.22	10	1.47	373
91SL058H	14	408450	6081200	BC-2	0.3	0.41	2.5	116	2.5	0.78	0.8	5	92	15	0.76	123	0.17	5	0.47	306
91SL059H	14	408350	6081950	BC-2	0.1	0.30	2.5	131	2.5	0.60	2.1	2	79	15	0.53	170	0.15	5	0.30	180
91SL060H	14	408150	6083450	BC-2	0.1	0.28	5	92	2.5	0.47	0.4	2	20	11	0.38	296	0.11	2	0.24	133
91SL061H	14	407850	6083450	BC-2	0.1	0.23	2.5	215	2.5	1.37	0.1	6	20	15	0.35	138	0.21	3	0.38	578
91SL062H	14	408700	6084600	BC-2	0.1	0.29	2.5	156	2.5	1.07	1.3	2	13	15	0.37	336	0.14	2	0.30	807
91SL063H	14	409150	6085250	BC-2	0.1	0.65	2.5	145	2.5	0.99	1.1	11	10	18	0.83	210	0.20	14	0.45	245
91SL064H	14	407700	6080300	BC-2	0.1	0.64	2.5	163	2.5	0.98	0.1	7	26	15	0.95	203	0.23	7	0.64	1110
91SL065H	14	407800	6081250	BC-2	0.1	0.24	2.5	164	2.5	1.01	2.2	3	13	11	0.34	216	0.17	2	0.27	659
91SL066H	14	407650	6082050	BC-2	0.1	0.19	2.5	235	2.5	1.80	0.7	1	6	11	0.26	183	0.17	2	0.36	593
91SL067H	14	407550	6083150	BC-2	0.7	0.38	9	101	6	0.68	1.3	2	26	14	1.65	236	0.19	3	0.34	158
91SL068H	14	407400	6083500	BC-2	0.1	0.54	6	97	2.5	0.47	1.5	5	12	22	1.06	266	0.18	6	0.44	125
91SL069H	14	409900	6078750	BC-2	0.1	0.37	7	327	2.5	1.83	1.5	10	15	18	0.71	283	0.20	2	0.47	3388
91SL070H	14	410650	6078850	BC-2	0.1	0.24	8	71	2.5	0.52	1.7	1	6	11	0.31	280	0.15	2	0.21	364
91SL071H	14	411400	6079450	BC-2	0.2	0.48	7	186	2.5	1.19	0.3	22	10	19	0.75	196	0.20	5	0.56	1118
91SL072H	14	412000	6080000	BC-2	0.1	0.17	9	158	2.5	0.97	2.6	2	4	20	0.26	436	0.17	1	0.30	331
91SL073H	14	412000	6079350	BC-2	0.1	0.18	2.5	133	2.5	1.49	0.1	2	6	15	0.23	261	0.14	1	0.36	384
91SL074H	14	413600	6080350	BC-2	0.1	1.12	12	293	2.5	1.56	0.2	14	41	24	1.38	120	0.20	9	0.94	1697
91SL075H	14	409750	6085600	BC-2	0.1	0.33	7	143	2.5	0.49	0.1	3	21	10	0.42	217	0.10	3	0.23	204
91SL076H	14	411000	6085150	BC-2	0.1	0.45	2.5	178	2.5	0.67	0.3	4	29	13	0.61	236	0.17	3	0.56	694
91SL077H	14	410650	6087800	BC-2	0.1	0.27	6	85	2.5	0.46	0.3	5	36	10	0.38	142	0.17	3	0.35	148
91SL078H	14	411350	6086500	BC-2	0.1	2.27	2.5	103	6	1.55	0.9	17	78	27	1.67	123	0.16	25	2.34	299
91SL079H	14	413300	6087550	BC-2	0.6	0.66	2.5	197	2.5	1.00	0.4	29	33	21	0.79	151	0.23	9	0.56	743
91SL080H	14	412500	6080650	BC-2	0.3	0.55	2.5	478	2.5	0.96	0.8	12	35	22	0.77	132	0.19	6	0.56	4422
91SL081H	14	413450	6080950	BC-2	0.1	0.51	2.5	256	2.5	0.91	0.1	11	28	20	0.74	142	0.23	6	0.56	902
91SL082H	14	414950	6081700	BC-2	0.1	0.28	10	179	2.5	1.18	0.2	4	9	19	0.35	343	0.13	2	0.25	559
91SL083H	14	416950	6082500	BC-2	0.1	0.96	5	125	2.5	1.25	0.1	6	24	59	0.87	113	0.11	4	0.43	647
91SL084H	14	416650	6084700	BC-2	0.1	0.26	2.5	171	2.5	1.27	0.1	3	8	17	0.32	217	0.15	2	0.32	475
91SL085H	14	419100	6086300	BC-2	0.1	0.49	11	121	2.5	0.87	0.1	4	14	16	0.55	306	0.18	5	0.39	767
91SL086H	14	421850	6087800	BC-2	0.1	0.50	2.5	105	2.5	0.78	0.1	5	14	16	0.62	195	0.18	4	0.48	480
91SL087H	14	420100	6086750	BC-2	0.1	0.56	2.5	298	2.5	1.79	0.1	6	17	16	0.64	245	0.20	4	0.58	1768
91SL088H	14	409000	6080100	BC-2	0.1	0.92	2.5	361	2.5	0.83	0.4	8	30	22	1.34	151	0.23	7	0.83	731
91SL089H	14	407500	6079650	BC-2	0.1	0.58	13	233	2.5	2.11	0.1	4	106	25	1.21	236	0.18	3	0.68	3622
91SL090H	14	408650	6078000	BC-2	0.1	0.34	2.5	559	2.5	2.04	0.1	2	16	23	0.48	280	0.19	2	0.54	3169
91SL091H	14	407400	6077400	BC-2	0.1	0.50	10	147	2.5	1.03	0.1	2	8	23	0.41	290	0.13	2	0.36	715
91SL092H	14	407650	6074850	BC-2	0.1	0.20	2.5	114	2.5	0.85	0.1	1	6	18	0.28	306	0.16	1	0.25	720
91SL093H	14	406550	6074850	BC-2	0.1	0.19	2.5	151	2.5	1.25	0.2	0.5	4	16	0.26	293	0.24	1	0.32	1873
91SL094H	14	406300	6073400	BC-2	0.1	0.19	2.5	114	2.5	1.13	0.1	1	3	15	0.25	391	0.15	1	0.23	2039
91SL095H	14	405500	6073050	BC-2	0.1	0.11	2.5	73	2.5	1.22	0.1	0.5	2	11	0.16	202	0.15	0.5	0.28	521

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL046H	0.5	0.05	12		41	7	2.5	59		13	123
91SL047H	0.5	0.06	17		46	2.5	2.5	69		13	177
91SL048H	0.5	0.09	22		40	8	2.5	58		20	184
91SL049H	1	0.06	15		58	5	2.5	55		14	161
91SL050H	1	0.05	10		22	7	2.5	79		4	395
91SL051H	1	0.06	18		37	7	2.5	65		18	248
91SL052H	1	0.06	17		22	8	2.5	52		16	105
91SL053H	3	0.08	34		20	7	2.5	53		43	112
91SL054H	4	0.06	12		29	7	2.5	44		11	133
91SL055H	1	0.06	9		54	7	2.5	46		7	224
91SL056H	0.5	0.06	13		19	8	2.5	37		15	88
91SL057H	2	0.07	166		19	7	2.5	30		29	53
91SL058H	0.5	0.06	20		26	6	2.5	26		11	36
91SL059H	0.5	0.06	13		33	5	2.5	27		7	57
91SL060H	0.5	0.05	11		32	2.5	2.5	22		6	76
91SL061H	1	0.05	9		32	2.5	2.5	55		6	140
91SL062H	0.5	0.05	10		36	6	2.5	38		6	157
91SL063H	0.5	0.05	12		24	9	2.5	39		9	65
91SL064H	0.5	0.06	9		47	6	2.5	19		18	64
91SL065H	0.5	0.06	5		36	7	2.5	33		7	131
91SL066H	0.5	0.06	7		31	6	2.5	47		4	66
91SL067H	2	0.06	10		49	7	2.5	21		22	48
91SL068H	0.5	0.06	13		46	7	2.5	22		18	61
91SL069H	3	0.05	10		50	7	2.5	47		12	98
91SL070H	0.5	0.05	6		45	5	2.5	15		5	76
91SL071H	0.5	0.05	11		48	6	2.5	41		15	74
91SL072H	0.5	0.05	5		54	6	2.5	32		5	183
91SL073H	1	0.03	7		45	5	2.5	44		4	137
91SL074H	0.5	0.07	15		49	6	2.5	40		30	173
91SL075H	0.5	0.06	6		32	2.5	2.5	26		7	46
91SL076H	0.5	0.06	9		39	6	2.5	27		12	131
91SL077H	0.5	0.06	6		28	2.5	2.5	35		6	34
91SL078H	0.5	0.09	38		21	6	2.5	44		33	59
91SL079H	0.5	0.07	17		44	6	2.5	33		17	70
91SL080H	0.5	0.07	15		60	2.5	2.5	34		15	296
91SL081H	0.5	0.06	10		48	2.5	2.5	32		16	91
91SL082H	0.5	0.05	5		70	8	2.5	42		7	99
91SL083H	0.5	0.07	14		40	6	2.5	31		12	111
91SL084H	0.5	0.06	6		41	2.5	2.5	46		6	116
91SL085H	0.5	0.06	8		63	6	2.5	24		10	128
91SL086H	0.5	0.06	9		44	5	2.5	25		14	113
91SL087H	0.5	0.06	12		59	6	2.5	56		13	172
91SL088H	0.5	0.07	12		43	2.5	2.5	33		25	168
91SL089H	0.5	0.06	12		52	8	2.5	41		15	135
91SL090H	0.5	0.06	9		54	7	2.5	22		9	171
91SL091H	0.5	0.06	7		74	6	2.5	23		7	153
91SL092H	0.5	0.06	4		44	2.5	2.5	21		5	184
91SL093H	0.5	0.07	4		43	7	2.5	37		5	226
91SL094H	0.5	0.06	5		49	6	2.5	25		5	180
91SL095H	0.5	0.07	3		33	7	2.5	29		3	102

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
91SL096H	14	418550	6086850	BC-2	0.1	0.22	7	169	2.5	1.73	0.8	1	3	20	0.29	274	0.22	2	0.37	972
91SL097H	14	420250	6091150	BC-2	0.1	0.77	2.5	114	2.5	0.63	0.1	2	34	11	0.82	107	0.16	11	0.50	294
91SL098H	14	422400	6087450	BC-2	0.1	0.41	2.5	69	2.5	0.44	0.2	2	16	8	0.49	95	0.14	5	0.32	319
91SL099H	14	414400	6084100	BC-2	0.1	0.32	2.5	101	2.5	0.73	0.2	2	8	17	0.38	282	0.13	3	0.28	261
91SL100H	14	413250	6084950	BC-2	0.1	0.26	2.5	107	2.5	0.85	0.1	0.5	9	23	0.35	350	0.17	3	0.27	1536
91SL101H	14	419600	6070700	BC-2	0.1	0.40	2.5	511	2.5	2.43	2.1	4	11	79	0.55	223	0.19	3	0.51	3777
91SL102H	14	418900	6069350	BC-2	0.1	0.35	6	227	2.5	1.94	0.3	4	13	20	0.52	223	0.19	2	0.50	2246
91SL103H	14	418550	6068600	BC-2	0.1	0.20	2.5	136	2.5	1.30	0.2	0.5	4	18	0.26	267	0.16	2	0.28	525
91SL104H	14	417700	6069500	BC-2	0.7	0.21	2.5	172	2.5	1.39	0.3	4	3	15	0.28	286	0.23	2	0.32	1425
91SL105H	14	418550	6070200	BC-2	0.4	0.26	7	295	2.5	2.30	0.4	4	4	17	0.51	331	0.17	2	0.33	3379
91SL106H	14	419700	6071550	BC-2	0.3	0.22	2.5	211	2.5	1.59	0.1	4	7	14	0.33	135	0.17	3	0.44	1414
91SL107H	14	420100	6071750	BC-2	0.1	0.34	2.5	132	2.5	1.10	0.3	3	8	25	0.40	238	0.14	2	0.33	692
91SL108H	14	420850	6072900	BC-2	0.1	0.75	8	724	2.5	2.37	0.8	9	25	27	0.95	166	0.21	5	0.71	5378
91SL109H	14	420900	6074200	BC-2	0.1	1.31	7	278	2.5	1.99	0.2	11	7	50	1.75	84	0.17	7	0.50	699
91SL110H	14	419700	6072850	BC-2	0.1	0.34	14	159	2.5	1.26	0.2	2	7	22	0.49	184	0.17	2	0.51	426
91SL111H	14	418900	6072900	BC-2	0.1	0.41	11	372	2.5	1.56	0.5	4	5	21	0.49	274	0.16	2	0.38	3692
91SL112H	14	417650	6071050	BC-2	0.1	0.23	10	144	2.5	1.32	0.8	2	4	11	0.29	193	0.18	2	0.23	770
91SL113H	14	417900	6072100	BC-2	0.1	0.33	2.5	164	6	1.01	0.5	4	6	19	0.36	241	0.16	2	0.28	1347
91SL114H	14	417250	6072700	BC-2	0.1	0.26	2.5	129	2.5	0.90	0.7	2	2	10	0.24	238	0.14	2	0.20	843
91SL115H	14	417500	6074850	BC-2	0.1	0.46	2.5	226	2.5	0.87	0.5	4	8	14	0.46	283	0.13	3	0.29	421
91SL116H	14	418900	6072100	BC-2	0.1	0.37	7	209	2.5	1.19	1.0	2	9	12	0.48	265	0.18	3	0.37	2266
91SL117H	14	416000	6073600	BC-2	0.1	0.22	7	97	2.5	0.41	1.1	0.5	8	10	0.25	169	0.12	2	0.14	257
91SL118H	14	414950	6074300	BC-2	0.1	0.48	2.5	154	2.5	0.63	0.4	2	15	10	0.65	181	0.12	2	0.38	1506
91SL119H	14	414250	6075750	BC-2	0.1	0.33	2.5	116	2.5	2.33	1.3	4	19	18	0.43	238	0.16	2	0.33	1310
91SL120H	14	414050	6076450	BC-2	0.3	0.28	2.5	139	2.5	1.82	1.2	2	10	13	0.34	135	0.20	2	0.31	963
91SL121H	14	418000	6073950	BC-2	0.1	0.34	2.5	99	2.5	1.27	1.7	4	3	41	0.30	154	0.13	4	0.50	172
91SL122H	14	420500	6069050	BC-2	0.1	0.37	2.5	152	2.5	1.54	1.0	4	9	17	0.41	292	0.15	3	0.36	1584
91SL123H	14	421850	6068700	BC-2	0.1	0.33	2.5	142	2.5	1.35	0.9	2	21	15	0.40	96	0.17	2	0.45	588
91SL124H	14	451500	6088600	BC-2	0.1	0.82	2.5	135	6	2.26	0.8	4	28	35	1.10	78	0.23	8	1.82	647
91SL125H	14	451150	6087750	BC-2	0.1	0.32	5	70	2.5	1.90	1.5	3	8	24	0.46	178	0.16	3	1.11	602
91SL126H	14	429550	6088300	BC-2	0.1	0.32	2.5	204	5	2.80	1.4	2	8	15	0.45	172	0.19	2	0.65	556
91SL127H	14	428450	6089000	BC-2	0.1	0.24	2.5	227	2.5	1.90	0.1	3	6	11	0.36	189	0.16	2	0.39	2115
91SL128H	14	428700	6090250	BC-2	0.1	0.20	6	211	2.5	2.05	1.4	4	3	11	0.26	269	0.19	1	0.30	2448
91SL129H	14	430550	6089200	BC-2	0.1	0.35	2.5	362	2.5	2.40	1.6	2	7	12	0.43	304	0.18	2	0.48	2263
91SL130H	14	430800	6087250	BC-2	0.1	0.31	2.5	224	2.5	0.67	1.7	3	9	19	0.39	173	0.15	4	0.24	447
91SL131H	14	431200	6087900	BC-2	0.1	0.17	2.5	168	2.5	1.06	1.9	2	3	12	0.23	256	0.22	2	0.39	1055
91SL132H	14	432400	6089200	BC-2	0.1	0.17	2.5	154	2.5	0.78	1.1	2	6	9	0.20	208	0.14	1	0.23	723
91SL133H	14	433500	6090400	BC-2	0.1	0.53	7	408	6	1.66	1.5	7	49	11	0.85	160	0.22	7	0.53	2603
91SL134H	14	427750	6085000	BC-2	0.1	0.41	2.5	79	6	2.29	0.9	2	17	11	0.63	106	0.16	4	0.77	528
91SL135H	14	421700	6081350	BC-2	0.1	0.25	9	76	2.5	0.44	0.8	0.5	8	7	0.27	224	0.14	2	0.20	252
91SL136H	14	420950	6080400	BC-2	0.1	0.22	9	104	2.5	0.40	1.3	1	4	10	0.23	326	0.14	2	0.16	141
91SL137H	14	419650	6081000	BC-2	0.1	0.30	2.5	75	2.5	0.51	1.5	0.5	10	10	0.32	349	0.13	3	0.19	145
91SL138H	14	419700	6082100	BC-2	0.1	0.24	2.5	119	2.5	0.94	1.3	0.5	7	7	0.29	272	0.19	3	0.25	520
91SL139H	14	430825	6081575	BC-2	0.1	0.29	2.5	83	2.5	0.76	1.5	2	6	14	0.33	253	0.15	2	0.39	591
91SL140H	14	430825	6081475	BC-2	0.1	0.55	23	72	6	0.55	0.8	2	22	13	0.77	125	0.15	7	0.52	168
91SL141H	14	443450	6077650	BC-2	0.1	0.31	7	209	7	1.93	2.9	1	6	19	0.40	298	0.17	2	0.56	847
91SL142H	14	443900	6078800	BC-2	0.1	0.39	9	132	2.5	1.78	1.5	2	10	15	0.51	186	0.22	3	0.62	521
91SL143H	14	443050	6077950	BC-2	0.1	0.91	2.5	176	2.5	2.42	1.3	4	17	18	1.15	160	0.28	9	1.24	601
91SL144H	14	430800	6081650	BC-2	0.1	1.14	33	134	2.5	0.74	1.4	5	21	27	1.11	125	0.15	7	0.68	149
91SL145H	14	430775	6081825	BC-2	0.1	0.51	16	86	2.5	0.85	0.7	13	14	23	0.60	154	0.16	6	0.56	372

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL096H	0.5	0.06	6		76	8	2.5	46		6	221
91SL097H	0.5	0.03	7		30	6	2.5	25		15	89
91SL098H	0.5	0.06	6		35	5	2.5	16		10	79
91SL099H	0.5	0.05	7		36	6	2.5	22		7	149
91SL100H	0.5	0.06	5		64	8	2.5	23		6	285
91SL101H	1	0.06	12		60	8	2.5	51		9	1007
91SL102H	0.5	0.06	5		55	5	2.5	52		7	305
91SL103H	0.5	0.07	4		63	7	2.5	39		5	171
91SL104H	0.5	0.07	7		55	6	2.5	44		6	178
91SL105H	0.5	0.06	7		52	6	2.5	50		7	414
91SL106H	0.5	0.06	4		42	6	2.5	46		6	117
91SL107H	0.5	0.02	8		80	5	2.5	26		7	211
91SL108H	0.5	0.07	11		61	6	2.5	77		18	222
91SL109H	1	0.07	8		34	5	2.5	76		12	167
91SL110H	0.5	0.07	9		42	5	2.5	32		6	166
91SL111H	1	0.07	7		66	6	2.5	43		8	362
91SL112H	0.5	0.06	5		36	5	2.5	33		5	115
91SL113H	0.5	0.07	7		40	7	2.5	31		5	112
91SL114H	0.5	0.07	6		33	6	2.5	24		4	147
91SL115H	0.5	0.06	8		51	6	2.5	34		9	134
91SL116H	0.5	0.07	5		44	6	2.5	32		7	224
91SL117H	1	0.06	7		42	2.5	2.5	25		4	73
91SL118H	0.5	0.06	9		34	6	2.5	21		13	139
91SL119H	0.5	0.06	12		51	6	2.5	35		9	196
91SL120H	1	0.07	8		36	6	2.5	36		7	100
91SL121H	0.5	0.06	10		31	8	2.5	39		6	46
91SL122H	1	0.06	8		45	6	2.5	40		8	185
91SL123H	0.5	0.07	9		19	2.5	2.5	43		8	119
91SL124H	1	0.07	17		22	6	2.5	35		21	142
91SL125H	1	0.06	12		28	6	2.5	28		7	105
91SL126H	0.5	0.07	13		31	6	2.5	56		8	86
91SL127H	0.5	0.06	7		31	6	2.5	43		6	122
91SL128H	0.5	0.06	10		37	6	2.5	45		5	154
91SL129H	1	0.07	12		46	8	2.5	50		9	299
91SL130H	1	0.06	10		44	5	2.5	24		6	93
91SL131H	1	0.06	8		41	7	2.5	23		4	132
91SL132H	0.5	0.06	6		30	6	2.5	21		4	109
91SL133H	0.5	0.07	14		27	8	2.5	46		14	326
91SL134H	0.5	0.06	6		28	6	2.5	33		11	83
91SL135H	0.5	0.05	7		32	6	2.5	15		5	63
91SL136H	0.5	0.05	8		41	9	2.5	18		5	79
91SL137H	0.5	0.06	7		54	7	2.5	20		6	81
91SL138H	0.5	0.05	5		37	6	2.5	29		5	71
91SL139H	0.5	0.05	7		40	8	2.5	16		6	100
91SL140H	0.5	0.06	8		42	8	2.5	14		16	60
91SL141H	0.5	0.06	8		70	10	2.5	56		7	230
91SL142H	0.5	0.06	10		41	8	2.5	37		9	143
91SL143H	2	0.07	16		53	8	2.5	42		20	107
91SL144H	0.5	0.07	9		33	7	2.5	23		20	92
91SL145H	1	0.04	8		43	6	2.5	26		12	119

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92EL021h	14	402210	6090060	CHEMEX	0.1	0.37	1	270	1	1.28	0.5	11	8	23	0.72		0.21	5	0.24	1445
92EL022h	14	402840	6089790	CHEMEX	0.1	0.16	4	120	1	1.39	0.5	6	8	13	0.19		0.18	5	0.16	365
92EL023h	14	403510	6089390	CHEMEX	0.1	0.49	14	250	1	1.63	0.5	4	12	28	0.40		0.18	5	0.33	1795
92EL024h	14	404530	6088570	CHEMEX	0.1	0.20	2	270	1	1.13	1.0	6	12	31	0.30		0.21	5	0.11	1730
92EL025h	14	405320	6088790	CHEMEX	0.1	0.59	4	180	1	0.43	0.5	7	7	13	0.39		0.09	5	0.08	25
92EL026h	14	406330	6088840	CHEMEX	0.1	0.15	1	80	1	0.61	1.0	1	7	14	0.17		0.13	5	0.07	285
92EL027h	14	406300	6089830	CHEMEX	0.1	0.15	2	340	1	1.94	1.5	1	9	15	0.21		0.14	5	0.14	2525
92EL028h	14	405310	6089580	CHEMEX	0.1	0.22	4	210	1	0.66	1.5	1	9	20	0.24		0.18	5	0.08	1315
92EL029h	14	404840	6090580	CHEMEX	0.1	0.14	1	170	1	1.83	1.0	3	8	14	0.15		0.22	5	0.14	1460
92EL030h	14	403600	6090260	CHEMEX	0.1	0.29	4	190	1	1.64	1.0	8	7	17	0.39		0.19	5	0.20	1645
92EL031h	14	403020	6090850	CHEMEX	0.1	0.22	1	170	1	1.40	1.0	2	8	20	0.27		0.14	5	0.13	3920
92EL032h	14	402430	6091390	CHEMEX	0.1	0.11	4	100	1	0.64	0.5	0.5	9	11	0.14		0.12	5	0.06	95
92EL033h	14	402410	6092520	CHEMEX	0.1	0.16	4	200	1	1.51	1.0	1	7	13	0.20		0.16	5	0.11	1030
92EL034h	14	404060	6092170	CHEMEX	0.1	0.31	1	110	1	0.77	1.0	2	9	12	0.20		0.17	5	0.11	345
92EL035h	14	405600	6092460	CHEMEX	0.1	0.48	1	120	1	0.82	0.5	5	17	12	0.61		0.19	5	0.22	175
92EL036h	14	406790	6091260	CHEMEX	0.1	0.36	1	110	1	0.23	0.5	1	10	13	0.39		0.10	5	0.06	55
92EL037h	14	409720	6089400	CHEMEX	0.1	0.33	1	210	1	0.69	0.5	2	14	17	0.40		0.09	5	0.09	190
92EL038h	14	408730	6089040	CHEMEX	0.1	0.27	2	100	1	0.35	0.5	2	8	14	0.26		0.10	5	0.08	45
92EL039h	14	408430	6087400	CHEMEX	0.1	0.19	1	120	1	0.33	1.0	1	9	13	0.21		0.15	5	0.07	90
92EL040h	14	409570	6087940	CHEMEX	0.1	0.19	2	120	1	0.21	0.5	1	10	7	0.17		0.08	5	0.06	20
92EL041h	14	402490	6080710	CHEMEX	0.1	0.33	1	110	1	1.12	1.0	2	6	16	0.32		0.11	5	0.11	390
92EL042h	14	402920	6081940	CHEMEX	0.1	0.40	2	130	1	0.70	0.5	1	10	18	0.38		0.09	5	0.11	750
92EL043h	14	403080	6082950	CHEMEX	0.1	0.20	2	50	1	0.31	0.5	1	5	13	0.17		0.06	5	0.07	105
92EL044h	14	403220	6084240	CHEMEX	0.1	0.30	2	160	1	1.52	0.5	6	8	17	0.41		0.09	5	0.14	810
92EL045h	14	404320	6085160	CHEMEX	0.1	0.18	6	60	1	0.21	0.5	0.5	7	13	0.17		0.07	5	0.05	50
92EL046h	14	404080	6083880	CHEMEX	0.1	0.22	1	110	1	0.20	0.5	1	11	11	0.19		0.08	5	0.05	130
92EL047h	14	405980	6084520	CHEMEX	0.1	0.37	6	160	1	0.64	0.5	1	7	16	0.34		0.07	5	0.10	60
92EL048h	14	406400	6085880	CHEMEX	0.1	0.59	1	170	1	0.45	0.25	2	12	22	0.43		0.06	10	0.08	55
92EL049h	14	405220	6083340	CHEMEX	0.1	0.32	2	70	1	0.52	0.5	1	8	15	0.32		0.07	5	0.08	135
92EL050h	14	404290	6082530	CHEMEX	0.1	0.12	2	90	1	0.42	0.5	0.5	6	13	0.14		0.10	5	0.05	190
92EL051h	14	402650	6078210	CHEMEX	0.1	0.27	1	60	1	0.84	0.5	3	6	36	0.24		0.09	5	0.15	250
92EL052h	14	403110	6078530	CHEMEX	0.1	0.23	2	40	1	0.58	1.0	1	7	18	0.22		0.10	5	0.08	115
92EL053h	14	403620	6078980	CHEMEX	0.1	0.30	2	80	1	0.36	1.0	2	9	168	0.54		0.11	5	0.07	90
92EL054h	14	404210	6079930	CHEMEX	0.1	0.39	1	200	1	0.51	1.0	2	9	24	0.42		0.07	5	0.09	495
92EL055h	14	404430	6081390	CHEMEX	0.1	0.21	1	120	1	0.59	0.5	1	9	13	0.25		0.12	5	0.07	130
92EL056h	14	381250	6082090	CHEMEX	0.1	0.37	2	260	1	0.83	1.0	7	10	23	0.47		0.10	5	0.13	1040
92EL057h	14	381430	6082840	CHEMEX	0.1	0.37	2	300	1	1.61	1.5	6	11	30	0.55		0.12	5	0.16	1815
92EL058h	14	381360	6083690	CHEMEX	0.1	0.33	4	220	1	1.88	2.0	11	9	40	0.39		0.11	5	0.15	2220
92EL059h	14	380350	6082800	CHEMEX	0.1	0.31	1	300	1	1.82	1.0	17	12	22	0.38		0.19	5	0.23	3035
92EL060h	14	377860	6080710	CHEMEX	0.1	0.53	4	440	1	2.62	3.0	6	55	49	0.71		0.21	5	0.43	1900
92EL061h	14	378980	6080630	CHEMEX	0.1	0.48	1	230	1	2.55	1.5	9	61	32	0.65		0.13	5	0.39	645
92EL062h	14	380020	6081500	CHEMEX	0.1	0.23	2	430	1	3.55	2.0	6	11	36	0.32		0.11	5	0.25	1095
92EL063h	14	379690	6082420	CHEMEX	0.1	0.30	4	320	1	2.03	2.5	6	10	34	0.41		0.10	5	0.18	2830
92EL064h	14	379680	6083620	CHEMEX	0.1	0.37	2	260	1	1.76	1.5	6	9	33	0.53		0.09	5	0.20	1650
92EL065h	14	379100	6083240	CHEMEX	0.1	0.34	4	150	1	1.94	2.0	4	9	33	0.36		0.08	5	0.24	510
92EL066h	14	378850	6082420	CHEMEX	0.1	0.20	2	110	1	0.90	1.0	1	10	18	0.26		0.16	5	0.10	1175
92EL067h	14	379110	6081570	CHEMEX	0.1	0.55	4	100	1	0.47	1.0	2	15	25	0.72		0.07	5	0.15	160
92EL068h	14	377860	6081950	CHEMEX	0.1	0.20	2	230	1	2.03	1.0	3	8	22	0.22		0.08	5	0.21	365
92EL069h	14	377040	6080660	CHEMEX	0.1	0.67	6	550	1	1.06	2.0	7	43	56	1.17		0.09	5	0.28	2135
92EL070h	14	376170	6079650	CHEMEX	0.1	0.22	4	90	1	0.82	2.0	0.5	10	26	0.25		0.08	5	0.09	270

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL021h	0.5	0.005	6	1480	32	1	0.5	46	0.02	10	182
92EL022h	0.5	0.005	4	1300	28	1	0.5	60	0.005	3	90
92EL023h	0.5	0.005	35	1720	28	1	1	39	0.005	8	100
92EL024h	0.5	0.005	7	1470	30	1	0.5	22	0.005	5	162
92EL025h	0.5	0.005	10	1030	16	1	0.5	43	0.005	4	20
92EL026h	0.5	0.005	5	1230	24	1	0.5	25	0.005	3	114
92EL027h	0.5	0.005	7	1180	32	1	0.5	61	0.005	3	288
92EL028h	0.5	0.005	6	1680	48	1	0.5	30	0.005	5	168
92EL029h	0.5	0.005	5	1680	26	1	0.5	51	0.005	3	208
92EL030h	0.5	0.005	6	1400	42	1	0.5	71	0.005	7	98
92EL031h	0.5	0.005	8	1230	48	1	0.5	33	0.005	5	252
92EL032h	0.5	0.005	4	930	28	1	0.5	21	0.005	2	54
92EL033h	0.5	0.005	7	1230	34	1	0.5	47	0.005	3	92
92EL034h	0.5	0.005	5	1360	28	1	0.5	35	0.005	3	110
92EL035h	0.5	0.005	7	1100	22	1	1	34	0.02	11	82
92EL036h	0.5	0.005	6	680	28	1	0.5	15	0.005	7	44
92EL037h	0.5	0.005	7	740	28	1	0.5	32	0.005	7	62
92EL038h	0.5	0.005	5	890	38	1	0.5	25	0.005	4	72
92EL039h	0.5	0.005	6	1080	30	1	0.5	22	0.005	3	68
92EL040h	0.5	0.005	5	730	16	1	0.5	31	0.005	2	14
92EL041h	0.5	0.005	6	1020	42	1	0.5	50	0.005	6	90
92EL042h	0.5	0.005	8	1090	44	1	0.5	24	0.005	6	80
92EL043h	0.5	0.005	6	540	26	1	0.5	22	0.005	2	68
92EL044h	0.5	0.005	6	950	36	1	0.5	70	0.005	7	70
92EL045h	0.5	0.005	4	680	44	1	0.5	15	0.005	3	54
92EL046h	0.5	0.005	6	810	26	1	0.5	19	0.005	2	82
92EL047h	0.5	0.005	6	830	34	1	0.5	43	0.01	6	44
92EL048h	0.5	0.005	8	1010	16	1	0.5	34	0.005	4	40
92EL049h	0.5	0.005	7	780	32	1	0.5	24	0.005	6	76
92EL050h	0.5	0.005	5	900	24	1	0.5	25	0.005	2	94
92EL051h	0.5	0.005	5	980	14	1	0.5	25	0.005	3	140
92EL052h	0.5	0.005	4	800	36	1	0.5	24	0.005	2	54
92EL053h	0.5	0.005	7	910	42	1	0.5	19	0.005	5	208
92EL054h	0.5	0.005	6	540	32	1	0.5	29	0.005	8	110
92EL055h	0.5	0.005	4	790	32	1	0.5	37	0.005	4	80
92EL056h	1	0.005	7	1050	64	1	0.5	28	0.005	7	82
92EL057h	0.5	0.005	9	1310	66	1	0.5	47	0.01	10	280
92EL058h	0.5	0.005	10	1370	58	1	0.5	50	0.005	7	302
92EL059h	0.5	0.005	10	1430	44	1	0.5	68	0.005	6	178
92EL060h	0.5	0.005	26	1290	84	1	1	134	0.01	15	246
92EL061h	0.5	0.005	31	1400	62	1	1	67	0.005	15	164
92EL062h	0.5	0.005	9	1390	64	1	0.5	112	0.005	5	334
92EL063h	0.5	0.005	8	1340	62	1	0.5	51	0.005	7	350
92EL064h	0.5	0.005	9	1200	62	1	0.5	43	0.005	10	264
92EL065h	0.5	0.005	5	1210	48	1	0.5	55	0.005	6	328
92EL066h	0.5	0.005	4	1250	40	1	0.5	27	0.005	4	136
92EL067h	0.5	0.005	8	730	54	1	1	21	0.01	12	110
92EL068h	0.5	0.005	4	1050	44	1	0.5	59	0.005	3	156
92EL069h	0.5	0.005	19	1310	88	1	1	53	0.04	25	192
92EL070h	0.5	0.005	6	820	46	1	0.5	27	0.005	4	142

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92EL071h	14	378020	6079640	CHEMEX	0.1	0.69	8	260	1	3.17	1.5	20	11	64	1.38		0.09	5	0.38	2245
92EL072h	14	378190	6079020	CHEMEX	0.1	0.60	4	220	1	1.59	2.0	9	13	48	0.82		0.09	5	0.32	1485
92EL073h	14	377430	6078130	CHEMEX	0.1	0.50	6	210	1	1.65	1.5	11	12	37	0.63		0.12	5	0.25	815
92EL074h	14	381490	6081170	CHEMEX	0.1	0.24	1	430	1	2.86	2.5	4	9	27	0.35		0.15	5	0.40	2610
92EL075h	14	382160	6080650	CHEMEX	0.1	0.77	8	200	1	1.27	2.5	4	10	45	1.07		0.12	5	0.22	815
92EL076h	14	382000	6079890	CHEMEX	0.1	0.83	18	480	1	2.71	6.5	10	18	91	1.09		0.16	5	0.54	2465
92EL077h	14	382590	6078960	CHEMEX	0.1	0.23	12	300	1	2.72	2.0	3	10	33	0.32		0.11	5	0.25	930
92EL078h	14	383460	6078040	CHEMEX	0.1	0.19	1	290	1	2.55	1.0	3	8	29	0.26		0.09	5	0.27	1155
92EL079h	14	382720	6077050	CHEMEX	0.1	0.32	4	230	1	2.68	2.0	5	8	25	0.41		0.12	5	0.26	705
92EL080h	14	382130	6077470	CHEMEX	0.1	0.23	2	270	1	1.00	1.0	1	7	19	0.27		0.10	5	0.07	880
92EL081h	14	379760	6081640	CHEMEX	0.1	0.32	2	290	1	3.37	2.0	7	12	31	0.47		0.14	5	0.37	1085
92EL082h	14	379180	6079940	CHEMEX	0.1	0.22	1	360	1	2.19	1.5	3	9	22	0.30		0.15	5	0.26	1055
92EL083h	14	378500	6077970	CHEMEX	0.1	0.28	4	260	1	1.19	2.0	6	12	35	0.42		0.15	5	0.10	2520
92EL084h	14	379340	6078470	CHEMEX	0.1	0.19	6	230	1	1.56	4.0	4	9	43	0.25		0.15	5	0.14	1820
92EL085h	14	377380	6077180	CHEMEX	0.1	0.37	1	200	1	1.90	1.5	8	11	32	0.53		0.16	5	0.20	1155
92EL086h	14	377670	6075450	CHEMEX	0.1	0.58	2	210	1	1.69	1.5	11	13	32	0.70		0.18	5	0.25	820
92EL087h	14	377710	6074880	CHEMEX	0.1	0.91	4	190	1	1.08	2.0	5	21	79	1.30		0.13	5	0.19	1085
92EL088h	14	377020	6073900	CHEMEX	0.1	0.69	2	380	1	3.06	2.0	16	18	60	0.94		0.15	5	0.36	2800
92EL089h	14	376420	6072870	CHEMEX	0.1	0.70	2	250	2	1.28	1.5	14	13	54	0.97		0.09	5	0.33	715
92EL090h	14	376030	6068520	CHEMEX	0.1	0.15	4	210	1	2.47	0.5	5	6	21	0.22		0.15	5	0.24	615
92EL091h	14	376800	6069990	CHEMEX	0.1	0.32	2	290	1	1.96	0.5	12	12	27	0.51		0.16	5	0.21	1680
92EL092h	14	377210	6070670	CHEMEX	0.1	0.26	6	100	1	0.74	1.5	1	8	29	0.29		0.08	5	0.08	230
92EL093h	14	377480	6071550	CHEMEX	0.1	0.37	6	140	1	1.54	1.0	11	26	31	0.49		0.10	5	0.21	350
92EL094h	14	377810	6072300	CHEMEX	0.1	0.36	4	150	1	0.97	1.5	4	9	37	0.46		0.09	5	0.12	790
92EL095h	14	379080	6074120	CHEMEX	0.1	0.34	2	100	1	0.98	1.5	2	14	27	0.36		0.13	5	0.17	230
92EL096h	14	378040	6076570	CHEMEX	0.1	0.69	6	250	2	0.98	2.0	11	14	66	0.94		0.12	5	0.17	1075
92EL097h	14	377720	6073200	CHEMEX	0.1	0.45	4	290	1	3.45	1.5	7	14	38	0.61		0.20	5	0.28	1430
92EL098h	14	380510	6076720	CHEMEX	0.1	0.28	1	200	1	1.85	2.0	7	7	32	0.30		0.13	5	0.18	560
92EL099h	14	380000	6075710	CHEMEX	0.1	0.34	4	270	1	1.94	2.0	3	12	39	0.35		0.14	5	0.20	1335
92EL100h	14	379590	6074930	CHEMEX	0.1	0.46	4	250	1	1.57	2.0	5	27	32	0.56		0.13	5	0.35	1650
92EL133h	14	387510	6073940	CHEMEX	0.1	0.87	4	140	1	0.93	1.0	6	11	45	0.88		0.08	10	0.15	260
92EL134h	14	387400	6072980	CHEMEX	0.1	0.75	6	420	1	1.17	1.5	9	11	66	1.02		0.13	5	0.12	3970
92EL135h	14	387450	6072030	CHEMEX	0.1	1.15	4	310	4	2.04	0.5	9	25	36	2.61		0.09	5	0.38	425
92EL136h	14	387100	6071230	CHEMEX	0.1	0.72	10	580	2	1.82	4.0	6	12	66	0.87		0.18	5	0.29	695
92EL137h	14	387090	6070280	CHEMEX	0.1	0.62	8	190	2	1.66	2.0	4	15	46	1.51		0.10	5	0.26	740
92EL138h	14	386120	6069700	CHEMEX	0.1	0.26	6	110	1	1.47	1.0	6	6	28	0.42		0.10	5	0.20	585
92EL139h	14	386310	6070630	CHEMEX	0.1	0.28	4	80	1	0.57	1.0	2	7	25	0.28		0.08	5	0.10	255
92EL140h	14	386450	6071340	CHEMEX	0.1	0.39	4	110	1	0.91	1.5	2	7	38	0.43		0.11	5	0.14	265
92EL141h	14	386590	6072350	CHEMEX	0.1	0.46	1	260	1	1.98	1.0	13	8	40	0.52		0.14	5	0.22	1120
92EL142h	14	386510	6073640	CHEMEX	0.1	0.54	2	300	1	2.65	3.0	9	10	44	0.72		0.12	5	0.34	1820
92EL143h	14	387120	6075870	CHEMEX	0.1	0.30	4	320	1	1.83	1.5	3	9	32	0.37		0.12	5	0.20	635
92EL144h	14	386190	6075930	CHEMEX	0.1	0.64	2	240	2	1.65	1.5	3	11	28	0.87		0.12	5	0.22	925
92EL145h	14	386400	6074950	CHEMEX	0.1	0.28	2	350	1	2.30	2.0	4	9	28	0.31		0.15	5	0.27	1105
92EL146h	14	387500	6074860	CHEMEX	0.1	0.32	4	340	1	3.19	1.5	10	8	33	0.34		0.14	5	0.18	1650
92EL147h	14	385260	6075430	CHEMEX	0.1	0.79	2	260	1	2.05	1.5	10	9	105	1.45		0.09	5	0.36	795
92EL148h	14	385320	6074610	CHEMEX	0.1	0.56	2	210	1	1.29	2.0	9	11	47	0.52		0.11	5	0.21	755
92EL149h	14	385050	6073530	CHEMEX	0.1	0.36	1	290	1	3.10	1.5	7	9	31	0.49		0.17	5	0.33	1115
92EL150h	14	384520	6072870	CHEMEX	0.1	0.23	1	190	1	2.25	1.5	4	5	28	0.30		0.10	5	0.21	785
92EL151h	14	384430	6071280	CHEMEX	0.1	0.45	2	220	1	1.67	2.0	6	8	46	0.46		0.10	5	0.19	1010
92EL152h	14	384210	6072180	CHEMEX	0.1	0.24	1	160	1	1.56	1.0	5	8	31	0.26		0.08	5	0.18	535

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL071h	0.5	0.005	9	1820	44	1	7	79	0.04	35	172
92EL072h	0.5	0.005	10	1830	78	1	1	40	0.02	20	208
92EL073h	0.5	0.005	8	1190	84	1	1	62	0.02	12	234
92EL074h	0.5	0.005	5	1660	40	1	0.5	70	0.005	6	392
92EL075h	0.5	0.005	7	1790	86	2	2	27	0.01	19	310
92EL076h	0.5	0.005	11	1600	168	1	2	68	0.01	25	558
92EL077h	0.5	0.06	6	1140	60	1	0.5	60	0.005	7	256
92EL078h	0.5	0.005	4	1260	54	1	0.5	91	0.005	4	160
92EL079h	0.5	0.005	7	1250	56	1	1	77	0.005	8	158
92EL080h	0.5	0.005	4	1140	70	1	0.5	40	0.005	5	118
92EL081h	0.5	0.005	6	1560	44	1	0.5	187	0.005	7	432
92EL082h	0.5	0.005	5	1280	44	1	0.5	86	0.005	5	270
92EL083h	0.5	0.005	8	1160	68	1	0.5	41	0.005	8	290
92EL084h	0.5	0.005	9	1390	72	1	0.5	42	0.005	5	342
92EL085h	0.5	0.005	9	1320	46	1	1	70	0.01	9	206
92EL086h	0.5	0.01	10	1510	70	1	1	78	0.01	12	178
92EL087h	0.5	0.005	12	2110	100	1	2	34	0.04	23	256
92EL088h	0.5	0.005	13	1640	70	1	2	106	0.02	20	252
92EL089h	0.5	0.01	28	1420	50	1	0.5	52	0.01	18	138
92EL090h	0.5	0.005	4	1290	22	1	0.5	85	0.005	4	134
92EL091h	0.5	0.005	6	1430	92	1	0.5	82	0.005	9	116
92EL092h	0.5	0.005	4	830	64	1	0.5	31	0.005	5	174
92EL093h	0.5	0.005	15	990	52	1	0.5	59	0.01	11	114
92EL094h	0.5	0.005	8	990	66	1	0.5	26	0.01	14	214
92EL095h	0.5	0.005	8	1230	50	1	0.5	36	0.005	8	144
92EL096h	0.5	0.005	16	1370	80	1	1	47	0.01	15	184
92EL097h	0.5	0.005	7	1640	74	1	0.5	79	0.01	11	256
92EL098h	0.5	0.005	6	1320	58	1	0.5	66	0.005	4	154
92EL099h	0.5	0.005	7	1320	78	1	0.5	65	0.005	7	256
92EL100h	0.5	0.005	10	1090	76	1	1	41	0.01	11	204
92EL133h	0.5	0.01	9	1440	52	1	0.5	35	0.01	13	120
92EL134h	1	0.01	12	2180	72	1	0.5	38	0.005	16	206
92EL135h	1	0.02	13	970	32	1	3	111	0.04	37	56
92EL136h	0.5	0.01	12	2020	136	1	1	102	0.01	16	450
92EL137h	0.5	0.01	8	1280	52	1	1	67	0.02	21	218
92EL138h	1	0.005	7	1200	42	1	0.5	58	0.005	6	102
92EL139h	0.5	0.005	7	950	56	1	0.5	21	0.005	5	110
92EL140h	0.5	0.005	7	1090	72	1	0.5	45	0.005	8	142
92EL141h	0.5	0.005	11	2110	34	1	1	89	0.01	8	150
92EL142h	0.5	0.005	9	1910	84	1	1	93	0.005	9	250
92EL143h	0.5	0.005	6	1250	42	1	0.5	51	0.01	8	174
92EL144h	0.5	0.005	7	1450	60	1	2	58	0.005	10	194
92EL145h	0.5	0.005	6	1500	50	1	0.5	93	0.005	5	300
92EL146h	0.5	0.005	8	1810	64	1	0.5	93	0.005	6	260
92EL147h	0.5	0.01	6	1710	42	1	1	58	0.005	25	228
92EL148h	0.5	0.005	12	1500	72	1	0.5	54	0.005	8	162
92EL149h	0.5	0.005	8	1450	46	1	0.5	105	0.01	9	148
92EL150h	0.5	0.005	9	1220	48	1	0.5	76	0.005	4	134
92EL151h	0.5	0.005	8	1600	70	1	0.5	75	0.005	7	274
92EL152h	0.5	0.005	8	1090	40	1	0.5	69	0.005	4	120

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92HJB1001H	13	686650	6084650	CHEMEX	0.1	0.90	34	90	2	0.06	3.5	3	21	172	1.48	520	0.08	10	0.14	65
92HJB1002H	13	683450	6083860	CHEMEX	0.1	0.42	4	30	1	0.07	0.5	1	20	23	0.94	120	0.03	20	0.10	50
92HJB1003H	13	673075	6083150	CHEMEX	0.1	0.54	20	130	1	0.12	2.5	1	7	85	0.47	540	0.09	5	0.04	60
92HJB1005H	14	311100	6080645	CHEMEX	2.4	0.87	84	360	4	1.31	42.5	10	47	1671	1.99	4500	0.16	10	0.49	520
92HJB1006H	14	312850	6078675	CHEMEX	2.4	0.81	140	260	2	1.41	53.5	11	22	2101	1.95	4200	0.09	10	0.26	855
92HJB1007H	14	312475	6075200	CHEMEX	3.4	0.45	112	70	2	0.11	31.5	7	30	1877	2.01	12800	0.03	10	0.14	70
92HJB1008H	14	311650	6081425	CHEMEX	1.2	0.42	54	80	1	0.53	21.0	6	14	986	1.33	4200	0.09	10	0.16	140
92HJB1010H	14	314050	6081200	CHEMEX	2	0.81	84	360	4	1.20	34.0	20	13	1426	1.37	2500	0.15	10	0.21	2680
92HJB1011H	14	307300	6078400	CHEMEX	0.6	0.77	34	70	2	0.62	10.0	7	23	505	1.31	1400	0.14	10	0.33	315
92HJB1013H	14	307125	6088275	CHEMEX	0.8	0.45	52	100	1	0.37	11.5	3	11	709	0.86	900	0.16	5	0.10	120
92HJB1014H	13	692125	6086100	CHEMEX	0.8	0.43	24	380	1	1.06	15.5	6	12	581	0.87	1000	0.12	10	0.18	1265
92HJB1015H	13	692370	6085370	CHEMEX	0.4	0.45	34	180	1	0.18	8.5	2	12	374	0.81	1160	0.09	10	0.08	130
92HJB1016H	14	308100	6085100	CHEMEX	0.8	0.55	34	350	4	1.00	21.0	11	17	626	1.36	1160	0.12	10	0.23	1035
92HJB1017H	14	309460	6083240	CHEMEX	1.2	0.48	62	70	1	0.24	13.0	3	13	656	1.03	1400	0.06	10	0.13	155
92HJB1018H	13	670305	6087650	CHEMEX	0.1	0.48	4	70	1	0.28	1.5	2	17	46	0.74	260	0.09	10	0.13	150
92HJB1019H	13	670030	6086700	CHEMEX	0.2	0.25	6	250	1	2.05	3.0	14	6	75	0.37	420	0.23	5	0.15	1460
92HJB1020H	13	669645	6086165	CHEMEX	0.2	0.36	4	140	1	0.78	5.0	2	11	84	0.51	580	0.13	10	0.11	800
92HJB1021H	13	668410	6085590	CHEMEX	0.2	0.24	1	100	1	0.42	4.5	1	7	47	0.33	580	0.17	5	0.09	275
92HJB1022H	13	668000	6083630	CHEMEX	0.2	0.41	8	210	1	0.82	4.0	2	9	91	0.53	560	0.12	10	0.11	615
92HJB1023H	13	669320	6082150	CHEMEX	0.1	0.52	2	100	1	0.85	2.0	4	18	81	0.82	400	0.16	10	0.22	240
92HJB1024H	13	664290	6083170	CHEMEX	0.1	0.93	2	120	1	0.52	2.0	6	34	89	1.39	340	0.23	20	0.41	205
92HJB1025H	13	690030	6079955	CHEMEX	0.2	0.49	8	70	2	1.08	7.0	3	15	117	0.80	1320	0.13	10	0.23	370
92HJB1026H	14	315110	6071280	CHEMEX	6.6	1.07	558	140	4	0.18	39.0	18	30	2670	6.04	100000	0.16	10	0.54	185
92HJB1027H	14	312395	6072535	CHEMEX	6.2	0.99	438	140	6	0.42	51.5	23	26	3114	5.57	50000	0.16	10	0.54	395
92HJB1028H	14	311180	6075365	CHEMEX	3.8	0.94	106	150	4	0.42	32.5	9	14	1508	1.73	7500	0.11	10	0.19	130
92HJB1029H	13	686045	6079030	CHEMEX	0.2	0.42	36	140	2	0.65	8.0	4	7	333	0.56	1350	0.10	5	0.10	165
92HJB1030H	13	687395	6079170	CHEMEX	0.4	0.66	74	260	2	0.90	15.0	7	11	515	0.93	1100	0.10	10	0.14	385
92HJB1031H	13	688445	6078540	CHEMEX	0.6	0.29	46	150	4	0.69	14.0	3	3	553	0.65	2250	0.17	5	0.09	540
92HJB1032H	13	689750	6078590	CHEMEX	0.2	0.98	146	170	2	1.09	10.0	34	26	327	2.47	1200	0.14	20	0.31	3020
92HJB1033H	13	675130	6080430	CHEMEX	0.1	0.36	16	120	1	0.43	3.5	1	9	99	0.55	550	0.08	5	0.09	135
92HJB1034H	13	676425	6079125	CHEMEX	0.1	0.23	20	110	2	0.28	3.5	1	4	58	0.25	450	0.08	5	0.11	95
92HJB1035H	13	678350	6081120	CHEMEX	0.4	0.43	34	370	1	0.72	9.5	9	6	249	0.63	1100	0.24	10	0.10	2815
92HJB1036H	13	679515	6078950	CHEMEX	0.1	0.44	12	80	1	0.10	1.5	1	14	50	0.73	250	0.04	5	0.07	50
92HJB1037H	13	680540	6080490	CHEMEX	0.1	0.29	46	60	1	0.79	6.5	2	6	237	0.57	650	0.06	5	0.23	30
92HJB1038H	13	681860	6079880	CHEMEX	0.1	0.28	24	140	1	0.28	4.0	1	9	195	0.51	550	0.05	10	0.05	160
92HJB1039H	13	683640	6080240	CHEMEX	0.1	0.27	32	100	2	0.57	6.5	1	3	229	0.33	850	0.11	5	0.08	175
92HJB1040H	13	685945	6077500	CHEMEX	0.2	1.15	66	140	1	0.27	5.5	3	13	265	1.06	950	0.07	10	0.11	80
92HJB1041H	13	686740	6089930	CHEMEX	0.1	0.33	20	180	1	0.29	6.0	1	12	160	0.55	800	0.05	10	0.04	85
92HJB1042H	13	685645	6088600	CHEMEX	0.1	0.52	22	160	1	0.19	3.5	2	12	116	0.62	1400	0.05	10	0.10	60
92HJB1043H	13	684700	6087040	CHEMEX	0.6	0.44	12	400	1	1.06	9.5	7	11	206	0.72	1150	0.17	10	0.22	2300
92HJB1044H	13	688230	6086440	CHEMEX	0.4	0.43	50	150	1	0.28	8.5	2	9	363	0.69	1150	0.07	10	0.07	110
92HJB1046H	14	312950	6071425	CHEMEX	6.8	0.94	416	100	2	0.16	41.0	15	26	2695	4.65	45000	0.12	10	0.42	160
92HJB1047H	13	687800	6080820	CHEMEX	0.1	0.76	34	60	1	0.15	6.0	4	22	411	1.31	1100	0.11	10	0.22	100
92HJB1048H	13	660550	6080305	CHEMEX	0.1	0.46	6	110	1	0.43	1.0	3	13	49	0.67	350	0.08	10	0.12	80
92HJB1049H	14	313450	6076045	CHEMEX	2.2	1.08	124	130	1	0.31	30.0	12	36	1393	2.43	7500	0.22	20	0.44	475
92HJB1050H	13	691160	6078895	CHEMEX	0.4	0.91	68	100	1	0.46	9.0	7	22	493	1.47	1400	0.14	10	0.25	135
92HJB2001H	14	311175	6063450	CHEMEX	0.4	0.68	32	170	1	0.21	9.0	8	22	453	1.22	1200	0.06	10	0.22	355
92HJB2002H	14	315875	6058330	CHEMEX	0.4	1.12	46	240	2	1.30	14.5	13	31	502	1.82	1250	0.26	10	0.53	1045
92HJB2003H	14	315550	6068665	CHEMEX	0.2	1.40	22	190	2	1.35	14.0	12	41	390	2.06	2200	0.35	10	0.68	600
92HJB2004H	14	307710	6056595	CHEMEX	0.2	0.31	64	110	1	0.59	10.5	2	6	278	0.38	750	0.08	5	0.07	255

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB1001H	0.5	0.005	7	440	240	1	1	6	0.05	30	442
92HJB1002H	0.5	0.005	4	220	18	1	1	6	0.02	23	50
92HJB1003H	0.5	0.005	3	830	172	2	0.5	20	0.01	6	308
92HJB1005H	0.5	0.005	16	990	920	2	2	27	0.03	21	7908
92HJB1006H	0.5	0.005	11	800	1338	6	1	63	0.02	17	9764
92HJB1007H	0.5	0.005	8	460	1004	4	0.5	8	0.005	13	5666
92HJB1008H	0.5	0.005	7	590	664	4	1	24	0.02	12	4266
92HJB1010H	0.5	0.005	10	1240	1328	6	1	66	0.02	13	5334
92HJB1011H	0.5	0.01	10	800	248	1	2	27	0.04	22	2280
92HJB1013H	0.5	0.005	7	1090	684	4	1	20	0.01	13	1818
92HJB1014H	0.5	0.005	6	1020	638	4	0.5	65	0.01	12	2510
92HJB1015H	0.5	0.005	4	620	474	4	1	14	0.01	11	1222
92HJB1016H	0.5	0.005	12	1020	352	1	1	47	0.02	18	4064
92HJB1017H	0.5	0.005	7	790	614	2	1	10	0.02	14	2662
92HJB1018H	0.5	0.005	7	760	68	1	1	18	0.02	15	204
92HJB1019H	0.5	0.005	8	1730	86	2	0.5	74	0.005	7	450
92HJB1020H	0.5	0.005	5	1180	80	1	0.5	36	0.01	10	626
92HJB1021H	0.5	0.005	4	1640	60	1	0.5	21	0.005	6	320
92HJB1022H	0.5	0.005	6	940	106	1	0.5	36	0.01	11	586
92HJB1023H	0.5	0.005	7	1020	52	1	2	55	0.02	17	374
92HJB1024H	0.5	0.01	14	870	40	1	4	29	0.07	33	208
92HJB1025H	0.5	0.005	6	920	72	1	1	30	0.02	15	1582
92HJB1026H	1	0.01	14	880	1692	4	4	12	0.05	38	7428
92HJB1027H	1	0.01	14	1260	1436	4	3	15	0.03	29	9704
92HJB1028H	0.5	0.01	11	1480	1214	8	1	24	0.02	15	6164
92HJB1029H	0.5	0.005	6	1190	402	4	1	42	0.005	7	1416
92HJB1030H	0.5	0.005	11	950	682	6	1	60	0.01	14	1616
92HJB1031H	0.5	0.005	5	1370	474	4	0.5	22	0.005	6	2616
92HJB1032H	0.5	0.01	13	1270	338	2	3	34	0.02	39	1152
92HJB1033H	0.5	0.005	4	660	146	1	0.5	17	0.01	10	360
92HJB1034H	3	0.005	4	840	84	1	0.5	53	0.005	2	360
92HJB1035H	0.5	0.005	8	1980	304	2	0.5	46	0.005	9	1130
92HJB1036H	0.5	0.005	4	380	44	1	0.5	13	0.01	12	110
92HJB1037H	3	0.02	5	730	320	1	1	33	0.01	8	536
92HJB1038H	0.5	0.005	4	570	278	1	0.5	19	0.005	8	576
92HJB1039H	0.5	0.005	2	910	318	2	0.5	33	0.005	6	978
92HJB1040H	0.5	0.005	7	970	340	2	1	21	0.02	14	840
92HJB1041H	0.5	0.005	4	560	198	1	0.5	24	0.005	10	510
92HJB1042H	0.5	0.005	5	620	128	1	1	30	0.02	12	388
92HJB1043H	0.5	0.005	7	1240	234	1	1	63	0.02	11	1556
92HJB1044H	0.5	0.005	6	800	456	2	0.5	20	0.01	9	1348
92HJB1046H	1	0.005	13	1030	1608	6	3	8	0.04	28	8078
92HJB1047H	0.5	0.01	9	750	324	2	2	10	0.04	23	1268
92HJB1048H	0.5	0.005	8	640	86	1	1	28	0.02	14	180
92HJB1049H	0.5	0.01	18	750	700	2	4	18	0.08	31	5508
92HJB1050H	0.5	0.01	12	970	276	4	2	16	0.03	21	1776
92HJB2001H	0.5	0.005	10	410	426	2	2	15	0.03	21	1458
92HJB2002H	0.5	0.005	15	920	448	2	3	45	0.06	34	2600
92HJB2003H	0.5	0.005	19	1000	232	1	4	39	0.06	38	3722
92HJB2004H	1	0.005	7	720	390	2	0.5	28	0.005	4	1240

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92HJB2005H	14	307775	6055360	CHEMEX	0.6	0.57	48	140	1	0.60	11.0	4	12	471	0.80	1900	0.17	5	0.14	375
92HJB2006H	14	306770	6053380	CHEMEX	0.2	0.77	24	170	2	1.96	8.5	9	19	208	0.96	1100	0.22	10	0.48	1005
92HJB2008H	13	692525	6056525	CHEMEX	0.4	0.56	20	190	2	1.53	7.5	10	16	220	0.78	1200	0.24	10	0.45	1240
92HJB2009H	13	693125	6055225	CHEMEX	0.2	1.38	12	90	2	1.48	6.0	12	33	135	1.70	850	0.33	10	0.94	395
92HJB2010H	14	306580	6052440	CHEMEX	0.2	0.77	16	270	2	1.24	8.0	10	24	297	1.05	900	0.28	10	0.45	1165
92HJB2011H	13	691635	6046160	CHEMEX	0.2	0.46	16	100	2	4.50	2.0	8	12	58	0.54	220	0.09	5	0.69	1030
92HJB2012H	13	693775	6044510	CHEMEX	0.4	0.49	16	340	1	2.14	6.5	6	15	129	0.69	700	0.18	5	0.35	1085
92HJB2013H	14	306775	6043300	CHEMEX	0.2	0.21	14	60	1	2.40	4.0	4	5	94	0.32	540	0.15	5	0.33	240
92HJB2014H	13	689075	6042875	CHEMEX	0.2	0.49	14	230	1	1.76	3.5	11	15	100	0.52	720	0.29	5	0.21	3080
92HJB2015H	13	686600	6043075	CHEMEX	0.2	0.50	8	300	1	2.27	2.5	6	15	66	0.67	460	0.16	5	0.62	2110
92HJB2016H	13	685250	6045050	CHEMEX	0.1	0.79	16	330	2	2.87	4.0	6	22	111	1.15	580	0.21	5	0.59	825
92HJB2017H	13	685390	6048790	CHEMEX	0.2	0.43	12	100	1	2.09	3.0	12	12	78	0.59	520	0.21	5	0.38	645
92HJB2018H	13	685260	6051625	CHEMEX	0.2	1.16	24	330	1	2.15	5.5	25	23	112	1.17	560	0.20	10	0.44	1910
92HJB2019H	13	686710	6053940	CHEMEX	0.1	0.36	6	70	2	6.73	0.5	5	13	29	0.53	180	0.04	5	0.85	185
92HJB2020H	13	687750	6055685	CHEMEX	0.1	1.86	24	210	2	1.70	3.0	18	56	108	2.35	840	0.34	20	1.08	710
92HJB2021H	14	311175	6043700	CHEMEX	0.1	0.46	12	70	2	2.70	3.5	6	12	90	0.66	660	0.16	5	0.64	520
92HJB2022H	14	312255	6045920	CHEMEX	0.2	0.54	14	110	2	2.00	5.0	4	13	127	0.72	980	0.21	5	0.45	875
92HJB2023H	14	313420	6045040	CHEMEX	0.2	0.38	16	200	2	2.70	7.0	4	10	157	0.61	1240	0.19	5	0.57	695
92HJB2024H	14	313000	6047785	CHEMEX	0.1	0.97	34	100	2	1.63	4.5	11	23	116	1.48	840	0.11	10	0.65	915
92HJB2025H	14	313230	6049650	CHEMEX	0.4	1.06	92	180	2	2.16	7.5	12	20	214	1.67	700	0.14	10	0.76	3415
92HJB2026H	13	680025	6049500	CHEMEX	0.2	0.62	24	300	1	1.87	2.0	7	31	50	0.92	250	0.15	10	0.35	1025
92HJB2027H	13	677650	6048900	CHEMEX	0.6	0.42	10	470	1	1.66	7.0	5	12	98	0.63	700	0.20	5	0.25	3335
92HJB2028H	13	684425	6055400	CHEMEX	0.4	0.35	16	290	2	2.16	8.0	8	8	174	0.56	1200	0.23	5	0.23	1500
92HJB2029H	14	310725	6049600	CHEMEX	0.6	0.34	38	80	1	0.78	8.5	1	5	288	0.54	1100	0.19	5	0.15	245
92HJB2030H	14	309800	6047950	CHEMEX	0.2	0.58	14	310	2	2.23	8.0	7	12	168	0.73	1000	0.21	5	0.37	2205
92HJB2031H	14	309150	6046050	CHEMEX	0.1	0.52	8	100	1	1.47	3.0	4	14	75	0.62	450	0.15	10	0.37	440
92HJB2032H	14	307625	6044825	CHEMEX	0.1	0.46	12	170	1	2.13	4.5	3	15	125	0.67	800	0.19	5	0.37	720
92HJB2033H	13	686050	6059375	CHEMEX	0.6	0.76	18	360	1	1.95	6.5	9	12	132	0.87	400	0.22	20	0.30	1225
92HJB2034H	13	684000	6058150	CHEMEX	0.1	0.22	20	160	1	0.94	3.5	1	5	99	0.27	550	0.08	5	0.09	395
92HJB2035H	13	686500	6063350	CHEMEX	1.4	0.79	24	670	1	1.54	9.0	17	11	319	1.04	850	0.22	10	0.26	5050
92HJB2036H	13	691200	6064900	CHEMEX	0.4	0.51	30	130	2	1.11	9.5	6	18	348	0.93	1100	0.14	10	0.32	370
92HJB2037H	14	310715	6056350	CHEMEX	0.4	0.16	40	80	1	0.42	13.0	1	3	278	0.29	900	0.08	5	0.07	120
92HJB2038H	14	310280	6055230	CHEMEX	0.4	0.40	24	230	2	1.90	10.0	9	7	300	0.63	1200	0.18	5	0.43	995
92HJB2039H	14	308570	6054825	CHEMEX	0.2	1.18	24	140	2	1.01	4.0	5	21	156	1.23	1000	0.20	20	0.39	135
92HJB2040H	13	687800	6052500	CHEMEX	0.1	0.43	24	130	2	0.80	5.0	6	14	127	0.55	800	0.12	5	0.18	345
92HJB2041H	13	686400	6050720	CHEMEX	0.2	0.56	16	250	2	1.37	6.5	19	10	156	0.60	1050	0.19	20	0.35	1895
92HJB2042H	13	684490	6066000	CHEMEX	0.4	0.41	18	160	2	1.44	10.0	10	17	263	0.67	950	0.14	10	0.28	1195
92HJB2043H	13	681475	6067195	CHEMEX	0.2	0.37	8	770	4	2.11	11.0	7	33	185	0.60	1150	0.19	5	0.51	2345
92HJB2044H	13	679400	6070775	CHEMEX	0.2	0.46	6	450	2	2.36	5.5	5	20	109	0.66	700	0.19	5	0.29	795
92HJB2045H	13	677805	6070455	CHEMEX	0.4	0.35	12	180	2	2.50	7.0	11	11	127	0.54	800	0.18	5	0.32	645
92HJB2046H	13	679100	6068525	CHEMEX	0.6	0.38	24	570	2	1.91	9.0	6	7	168	0.51	750	0.20	5	0.19	3195
92HJB2047H	13	677625	6067105	CHEMEX	0.8	0.37	18	300	2	2.27	6.5	6	8	170	0.47	1050	0.23	5	0.19	1365
92HJB2048H	13	676050	6067860	CHEMEX	0.6	0.30	16	260	2	2.29	5.5	8	7	128	0.41	750	0.23	5	0.22	945
92HJB2049H	13	676560	6065775	CHEMEX	1.6	0.49	14	460	2	1.35	9.0	10	13	139	0.72	900	0.20	10	0.28	4925
92HJB2050H	13	674395	6067025	CHEMEX	0.4	0.24	14	110	1	2.70	2.0	6	9	74	0.34	350	0.16	5	0.16	490
92HJB2051H	13	676400	6064050	CHEMEX	1.2	0.42	10	330	2	2.80	4.0	7	15	99	0.61	600	0.18	5	0.38	750
92HJB2052H	13	674900	6063945	CHEMEX	0.8	0.49	10	270	1	1.10	3.5	6	12	66	0.58	550	0.13	10	0.15	180
92HJB2053H	13	673625	6062475	CHEMEX	0.4	0.68	16	380	2	1.98	4.5	12	13	93	0.76	600	0.21	10	0.28	3305
92HJB2054H	13	675500	6061475	CHEMEX	1.4	0.32	10	390	2	3.25	4.0	11	9	92	0.47	400	0.20	5	0.30	1840
92HJB2055H	13	672330	6061150	CHEMEX	0.4	0.31	12	380	1	1.36	3.0	6	8	53	0.38	400	0.11	10	0.18	1995

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2005H	0.5	0.005	8	1380	456	2	1	18	0.01	13	1762
92HJB2006H	0.5	0.005	11	1220	220	2	1	42	0.03	19	1598
92HJB2008H	0.5	0.005	11	1390	250	2	1	66	0.02	14	1620
92HJB2009H	0.5	0.005	15	950	64	1	4	30	0.03	33	1372
92HJB2010H	0.5	0.005	13	1290	182	1	1	63	0.03	21	1320
92HJB2011H	0.5	0.005	7	1020	48	1	0.5	38	0.01	13	196
92HJB2012H	0.5	0.005	10	1240	196	2	0.5	51	0.01	13	860
92HJB2013H	0.5	0.005	6	1320	90	2	0.5	19	0.005	6	556
92HJB2014H	0.5	0.005	18	1500	182	2	1	36	0.01	10	348
92HJB2015H	1	0.005	9	1220	154	2	1	29	0.02	14	256
92HJB2016H	0.5	0.005	14	1560	132	2	2	28	0.03	26	810
92HJB2017H	0.5	0.005	8	1540	92	2	1	61	0.01	13	380
92HJB2018H	0.5	0.005	20	1270	144	2	2	67	0.04	27	568
92HJB2019H	1	0.01	9	550	4	2	1	130	0.02	18	36
92HJB2020H	0.5	0.01	34	1040	76	2	6	43	0.09	56	694
92HJB2021H	0.5	0.005	7	1180	100	1	1	27	0.01	12	656
92HJB2022H	0.5	0.005	8	1490	150	2	1	16	0.01	13	814
92HJB2023H	0.5	0.005	6	1550	184	2	0.5	34	0.01	9	1172
92HJB2024H	0.5	0.005	10	570	138	2	2	18	0.06	30	624
92HJB2025H	0.5	0.005	9	890	318	1	2	18	0.02	24	914
92HJB2026H	0.5	0.005	15	980	40	1	1	84	0.02	17	190
92HJB2027H	0.5	0.005	10	1730	214	1	0.5	75	0.01	9	862
92HJB2028H	0.5	0.005	9	1810	178	2	0.5	85	0.005	8	1398
92HJB2029H	0.5	0.005	3	1030	372	4	1	12	0.005	8	1406
92HJB2030H	0.5	0.005	9	1390	242	2	1	31	0.01	13	1120
92HJB2031H	0.5	0.005	8	850	84	1	1	18	0.01	13	540
92HJB2032H	0.5	0.005	8	1220	154	1	1	26	0.01	12	630
92HJB2033H	2	0.005	18	1710	168	2	2	67	0.02	18	510
92HJB2034H	0.5	0.005	5	880	134	2	0.5	50	0.005	4	380
92HJB2035H	1	0.005	17	1750	460	2	1	69	0.01	17	1338
92HJB2036H	0.5	0.005	10	760	316	2	1	42	0.02	15	1520
92HJB2037H	0.5	0.005	4	720	268	2	0.5	23	0.005	3	1868
92HJB2038H	0.5	0.005	11	1410	296	2	0.5	85	0.01	9	2060
92HJB2039H	0.5	0.005	15	1210	166	1	2	37	0.02	17	714
92HJB2040H	0.5	0.005	9	1040	172	2	0.5	32	0.005	10	624
92HJB2041H	0.5	0.005	16	1500	168	2	1	76	0.01	10	974
92HJB2042H	0.5	0.005	8	1320	368	2	0.5	58	0.01	10	1744
92HJB2043H	0.5	0.005	19	1760	174	1	0.5	122	0.01	8	2148
92HJB2044H	0.5	0.005	8	1440	118	1	0.5	92	0.01	12	1036
92HJB2045H	0.5	0.005	8	1540	116	2	0.5	93	0.01	10	1204
92HJB2046H	0.5	0.005	7	1580	296	2	0.5	108	0.005	8	1224
92HJB2047H	0.5	0.005	8	1850	266	2	0.5	77	0.005	9	1034
92HJB2048H	0.5	0.005	8	1850	184	2	0.5	90	0.005	6	884
92HJB2049H	0.5	0.005	12	1760	268	2	1	50	0.01	13	1302
92HJB2050H	0.5	0.005	8	1310	104	2	0.5	40	0.005	6	242
92HJB2051H	0.5	0.005	12	1270	102	2	0.5	105	0.01	12	636
92HJB2052H	0.5	0.005	11	1110	98	2	1	48	0.01	12	316
92HJB2053H	0.5	0.005	12	1780	196	2	1	64	0.01	14	468
92HJB2054H	0.5	0.005	14	1680	118	1	0.5	85	0.005	8	590
92HJB2055H	0.5	0.005	8	1030	88	1	0.5	51	0.01	7	314

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92HJB2056H	13	672265	6055000	CHEMEX	0.2	0.46	10	420	1	2.00	4.0	4	8	77	0.51	400	0.22	10	0.25	1915
92HJB2057H	13	672060	6058275	CHEMEX	0.1	0.48	14	220	1	0.36	1.5	3	14	53	0.67	250	0.08	5	0.12	95
92HJB2058H	13	674155	6059630	CHEMEX	2.4	0.58	12	1120	2	2.39	5.0	17	14	49	0.78	700	0.18	5	0.24	6320
92HJB2059H	13	674680	6057075	CHEMEX	0.8	0.65	10	600	1	1.32	4.5	12	13	72	0.73	700	0.18	10	0.19	3205
92HJB2060H	13	679150	6056530	CHEMEX	0.2	0.46	16	180	2	1.16	4.0	3	9	108	0.57	550	0.18	10	0.17	1170
92HJB2061H	13	676475	6056630	CHEMEX	0.4	0.30	18	210	1	2.02	3.0	6	7	75	0.33	400	0.20	5	0.17	900
92HJB2062H	13	677535	6058835	CHEMEX	0.6	0.31	16	250	1	2.37	6.5	4	6	136	0.40	600	0.19	5	0.17	1045
92HJB2063H	13	677900	6060885	CHEMEX	0.8	0.76	24	390	1	1.65	6.0	18	14	128	0.78	500	0.22	20	0.25	1760
92HJB2064H	13	680565	6058435	CHEMEX	0.6	0.65	10	340	1	1.62	2.5	12	21	111	0.89	350	0.24	10	0.35	1825
92HJB2065H	13	682540	6059450	CHEMEX	0.4	0.32	18	130	2	1.83	7.0	6	9	165	0.49	800	0.21	5	0.20	900
92HJB2066H	13	690850	6055950	CHEMEX	0.1	0.90	26	150	1	2.30	10.0	9	26	100	0.83	250	0.10	10	0.73	1185
92HJB2067H	13	689530	6053650	CHEMEX	0.2	0.58	16	190	1	0.92	6.0	9	16	168	0.96	800	0.15	10	0.25	2215
92HJB2068H	13	690225	6051700	CHEMEX	0.2	0.44	10	130	2	1.34	8.5	8	14	193	0.60	1350	0.17	5	0.29	1145
92JC0002	13	633000	6119250	CHEMEX	0.4	2.38	1	470	1	0.52	0.5	95	107	294	3.56	100	0.35	40	0.81	2010
92JC0004	13	641315	6122775	CHEMEX	0.1	0.65	1	150	1	0.33	0.5	4	18	16	0.86	100	0.16	10	0.24	200
92JC0006	13	633500	6116400	CHEMEX	0.1	0.44	4	210	1	0.39	1.0	2	6	20	0.36	460	0.07	5	0.06	85
92JC0008	13	634600	6114150	CHEMEX	0.1	0.75	4	490	1	0.84	1.0	38	12	32	1.29	220	0.31	10	0.29	2530
92JC0010	13	636475	6111535	CHEMEX	0.1	0.61	1	210	1	0.33	0.5	7	22	21	0.83	280	0.10	20	0.20	180
92JC0012	13	637225	6108340	CHEMEX	0.1	0.87	1	200	1	0.43	0.25	12	24	21	1.07	250	0.15	10	0.32	245
92JC0014	13	637180	6102325	CHEMEX	0.6	0.73	4	200	1	1.15	0.5	7	29	21	1.01	280	0.18	5	0.44	735
92JC0016	13	638150	6101150	CHEMEX	0.2	2.38	2	320	1	0.39	0.25	23	70	35	2.75	140	0.37	40	0.88	770
92JC0019	13	641100	6099360	CHEMEX	0.1	0.30	1	80	1	0.37	0.5	2	10	11	0.37	260	0.07	5	0.14	220
92JC0021	13	642475	6097775	CHEMEX	0.1	0.68	1	370	1	1.22	1.0	10	28	30	0.97	200	0.28	5	0.44	1665
92JC0023	13	644500	6093260	CHEMEX	0.1	0.82	1	160	1	0.50	0.5	7	26	20	0.95	190	0.13	10	0.27	125
92JC0025	13	645225	6091670	CHEMEX	1.6	1.09	4	220	1	0.57	1.0	15	32	47	1.30	160	0.27	20	0.40	375
92JC0028	13	645000	6088560	CHEMEX	0.2	0.76	2	210	1	0.53	1.0	6	28	34	1.05	220	0.26	10	0.33	410
92JC0030	13	643640	6085640	CHEMEX	0.1	0.25	2	130	1	0.47	1.0	1	10	19	0.33	210	0.11	5	0.12	155
92JC0032	13	642410	6080025	CHEMEX	0.1	0.66	4	120	1	0.21	0.5	3	15	20	0.75	60	0.07	10	0.12	30
92JC0034	13	640525	6076265	CHEMEX	0.1	0.40	4	90	1	0.38	0.5	1	9	22	0.43	220	0.07	5	0.08	65
92JC0036	13	639800	6090130	CHEMEX	0.1	0.21	4	90	1	0.29	0.5	1	6	10	0.16	200	0.04	5	0.04	15
92JC0038	13	634500	6069150	CHEMEX	0.1	0.47	4	180	1	0.64	1.5	3	8	36	0.51	240	0.11	5	0.13	105
92JC0040	13	639175	6075730	CHEMEX	0.1	0.84	4	430	1	0.45	1.5	5	13	39	0.83	240	0.10	10	0.11	320
92JC0042	13	630610	6066175	CHEMEX	0.2	0.69	2	200	1	0.51	1.0	4	19	53	0.83	280	0.18	5	0.22	285
92JC0044	13	637850	6061125	CHEMEX	0.1	0.64	10	140	1	0.98	0.5	6	20	20	0.79	200	0.13	5	0.47	95
92JC0046	13	634020	6064020	CHEMEX	0.1	0.35	1	70	1	0.87	1.0	2	10	18	0.40	280	0.13	5	0.20	640
92JC0048	13	643865	6078050	CHEMEX	0.1	0.30	1	200	1	0.57	0.5	2	3	16	0.29	140	0.07	5	0.08	400
92JC0050	13	646760	6077800	CHEMEX	0.1	0.53	4	140	1	0.99	2.5	3	13	39	0.66	400	0.24	5	0.20	640
92JC0053	13	655720	6079510	CHEMEX	0.1	0.24	4	110	1	1.50	2.0	7	7	38	0.32	520	0.22	5	0.24	950
92JC0055	13	659375	6080830	CHEMEX	0.1	0.39	6	70	1	0.41	3.0	1	12	50	0.52	460	0.09	5	0.12	100
92JC0057	13	658840	6082330	CHEMEX	0.1	0.88	2	380	1	1.03	2.0	14	31	31	1.25	260	0.28	5	0.41	1655
92JC0059	13	653425	6079760	CHEMEX	0.1	0.52	6	80	1	0.70	0.5	4	11	25	0.90	240	0.08	5	0.13	40
92JC0061	13	651450	6077080	CHEMEX	0.1	0.63	1	270	1	1.28	1.0	6	18	26	0.90	180	0.15	5	0.31	790
92JC0063	13	632175	6117650	CHEMEX	0.1	0.46	2	180	1	0.44	0.25	5	11	11	0.54	80	0.10	10	0.14	920
92JC0065	13	639750	6120375	CHEMEX	0.1	0.77	4	750	1	1.06	0.5	24	15	31	1.17	120	0.15	5	0.24	5445
92JC0067	13	642765	6082160	CHEMEX	0.1	0.33	2	100	1	0.66	1.0	2	9	21	0.44	300	0.13	5	0.13	235
92JC0069	13	648775	6076600	CHEMEX	0.1	0.89	6	210	1	0.38	1.5	6	23	62	1.17	240	0.20	10	0.32	190
92JC0070	13	688865	6042365	CHEMEX	0.2	0.23	1	210	2	2.19	4.5	9	13	53	0.32	750	0.17	5	0.51	2490
92JC0072	13	687500	6040320	CHEMEX	0.1	0.46	14	130	1	2.22	3.5	3	11	63	0.51	380	0.12	5	0.48	1090
92JC0074	13	684425	6035900	CHEMEX	0.1	0.47	16	100	1	2.25	2.0	4	11	60	0.44	370	0.13	5	0.46	830
92JC0076	13	685460	6038825	CHEMEX	0.1	0.38	6	150	1	4.93	0.5	3	10	33	0.43	200	0.04	5	0.95	130

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2056H	0.5	0.005	10	1760	118	1	0.5	54	0.01	9	434
92HJB2057H	0.5	0.005	9	750	106	1	0.5	19	0.01	13	144
92HJB2058H	0.5	0.005	14	1220	114	2	0.5	92	0.01	14	370
92HJB2059H	0.5	0.005	11	1660	180	2	0.5	58	0.01	14	350
92HJB2060H	1	0.005	9	1470	158	2	1	62	0.01	9	448
92HJB2061H	0.5	0.005	7	1200	148	2	0.5	80	0.01	7	210
92HJB2062H	0.5	0.005	7	1330	244	2	0.5	113	0.01	7	588
92HJB2063H	0.5	0.005	17	1510	178	2	2	91	0.01	15	380
92HJB2064H	0.5	0.005	13	1370	168	1	1	52	0.03	18	356
92HJB2065H	0.5	0.005	6	1750	176	2	0.5	53	0.01	8	1154
92HJB2066H	0.5	0.01	14	1050	54	1	1	202	0.01	19	790
92HJB2067H	1	0.005	8	1310	294	1	1	42	0.01	16	806
92HJB2068H	0.5	0.005	11	1330	232	1	0.5	47	0.01	10	1690
92JC0002	6	0.02	169	2210	30	1	7	45	0.13	63	134
92JC0004	0.5	0.005	9	590	20	1	1	26	0.04	21	46
92JC0006	0.5	0.005	9	920	64	1	0.5	36	0.005	6	74
92JC0008	0.5	0.005	38	1220	54	1	1	74	0.04	20	100
92JC0010	0.5	0.01	17	840	26	1	1	29	0.03	15	62
92JC0012	0.5	0.01	20	860	14	1	1	31	0.04	21	50
92JC0014	0.5	0.01	25	1010	44	1	1	55	0.04	21	120
92JC0016	0.5	0.02	40	570	18	1	7	40	0.13	55	90
92JC0019	0.5	0.005	6	400	36	1	0.5	18	0.01	8	66
92JC0021	0.5	0.01	18	990	66	1	2	87	0.04	20	146
92JC0023	0.5	0.005	16	700	34	1	1	29	0.04	24	76
92JC0025	0.5	0.01	32	890	46	1	2	50	0.06	27	56
92JC0028	0.5	0.01	17	710	64	1	2	30	0.06	25	168
92JC0030	0.5	0.005	7	800	48	2	0.5	43	0.01	7	80
92JC0032	0.5	0.005	12	470	12	1	0.5	23	0.02	16	28
92JC0034	0.5	0.005	6	640	36	1	0.5	30	0.01	8	50
92JC0036	0.5	0.005	4	470	32	1	0.5	31	0.005	2	40
92JC0038	0.5	0.01	9	820	60	1	0.5	42	0.01	10	124
92JC0040	0.5	0.01	16	1000	58	1	0.5	47	0.01	13	136
92JC0042	0.5	0.01	11	700	64	1	0.5	31	0.02	17	104
92JC0044	1	0.005	11	530	60	1	1	66	0.03	16	96
92JC0046	0.5	0.005	8	970	26	1	0.5	31	0.01	8	138
92JC0048	0.5	0.005	6	430	18	1	0.5	45	0.01	5	50
92JC0050	0.5	0.005	12	1310	46	1	1	37	0.03	14	236
92JC0053	0.5	0.005	6	1340	36	1	0.5	87	0.01	7	296
92JC0055	0.5	0.005	7	720	94	1	1	21	0.02	12	272
92JC0057	0.5	0.01	15	810	36	1	3	50	0.07	29	304
92JC0059	0.5	0.005	9	850	26	1	1	26	0.01	10	40
92JC0061	0.5	0.005	10	850	28	1	1	61	0.02	18	184
92JC0063	0.5	0.005	8	450	12	1	0.5	29	0.02	11	44
92JC0065	1	0.005	14	790	22	1	1	76	0.04	20	224
92JC0067	0.5	0.005	9	580	32	1	0.5	32	0.02	11	136
92JC0069	0.5	0.01	15	700	48	1	2	30	0.04	25	230
92JC0070	0.5	0.005	12	1300	44	1	0.5	34	0.005	5	760
92JC0072	0.5	0.005	5	1110	140	1	0.5	15	0.005	8	318
92JC0074	0.5	0.005	10	1180	116	2	1	23	0.005	9	212
92JC0076	0.5	0.01	9	1000	4	1	0.5	70	0.005	12	16

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92JC0079	13	686150	6041600	CHEMEX	0.4	0.47	12	150	1	1.20	3.5	4	11	80	0.58	800	0.20	5	0.21	2060
92MOB0002	14	449581	6050986	CHEMEX	0.1	1.33	6	90	1	1.52	0.25	7	24	9	1.82	80	0.09	5	0.60	855
92MOB0006	14	487175	5983781	CHEMEX	0.1	0.94	4	130	1	4.19	0.5	11	15	17	1.06	260	0.09	5	0.75	2445
92MOB0017	14	500294	6060805	CHEMEX	0.1	0.32	2	100	1	5.37	0.3	1	4	10	0.41	140	0.02	5	0.38	125
92MOB0020	14	496578	6059712	CHEMEX	0.1	0.32	1	70	1	0.68	0.25	0.5	2	4	0.21	280	0.05	5	0.21	15
92MOB0026	14	493549	6055649	CHEMEX	0.1	0.21	1	90	1	5.07	0.25	1	8	11	0.22	120	0.01	5	0.38	85
92MOB0028	14	493219	6055850	CHEMEX	0.1	0.23	1	40	1	4.46	0.25	1	7	7	0.27	140	0.02	5	0.36	5
92MOB0030	14	452837	6045904	CHEMEX	0.1	2.19	4	190	1	4.67	1.0	11	50	34	2.45	80	0.44	5	1.65	580
92MOB0034	14	448548	6035727	CHEMEX	0.1	0.33	6	110	1	0.77	1.0	1	8	14	0.35	400	0.12	5	0.11	210
92MOB0037	14	445619	6034922	CHEMEX	0.1	0.39	4	210	1	2.22	1.5	3	10	25	0.49	180	0.20	5	0.24	1280
92MOB0041	14	447492	6035510	CHEMEX	0.1	0.65	1	150	1	3.06	1.0	3	15	21	0.72	220	0.13	5	0.48	655
92MOB0044	14	450709	6037941	CHEMEX	0.1	0.92	6	150	1	3.06	1.0	4	12	22	1.27	240	0.14	5	0.34	285
92MOB0047	14	450629	6039708	CHEMEX	0.1	0.37	1	70	1	3.98	1.5	3	10	17	0.53	200	0.13	5	1.03	475
92MOB0050	14	450100	6045550	CHEMEX	0.1	0.98	2	130	1	4.47	0.5	4	18	13	1.75	100	0.16	5	2.09	1635
92MOB0054	14	449968	6059640	CHEMEX	0.1	1.04	4	220	1	0.67	0.25	19	17	15	1.17	220	0.17	10	0.34	2360
92MOB0059	14	445872	6060150	CHEMEX	0.1	1.66	1	110	1	0.56	0.25	14	28	18	2.38	30	0.22	5	0.71	375
92MOB0062	14	445073	6061536	CHEMEX	0.4	3.78	14	340	1	1.23	1.0	35	62	122	4.27	30	0.72	30	1.44	1645
92MOB0064	14	444010	6063119	CHEMEX	0.1	3.09	22	640	1	1.89	1.0	36	38	54	4.01	20	0.52	20	1.04	4045
92MOB0068	14	450027	6047298	CHEMEX	0.1	1.26	2	140	1	3.68	0.5	5	19	12	2.02	60	0.11	5	1.71	1230
92MOB0071	14	443205	6055708	CHEMEX	0.1	1.04	6	100	1	3.05	0.5	7	20	18	1.47	30	0.17	5	1.36	345
92MOB0074	14	436653	6054329	CHEMEX	0.2	3.43	16	220	1	1.41	0.25	17	74	35	3.81	40	0.51	30	1.33	675
92MOB0077	14	435300	6054050	CHEMEX	0.4	4.07	14	230	1	1.66	0.25	18	90	37	4.09	20	0.64	70	1.40	525
92MOB0080	14	427408	6053204	CHEMEX	0.1	0.98	4	110	1	3.55	0.25	7	21	18	1.27	160	0.17	5	1.40	305
92MOB0083	14	427112	6053360	CHEMEX	0.1	0.20	1	30	1	3.34	0.5	1	4	14	0.29	140	0.09	5	0.71	250
92MOB0087	14	424796	6052367	CHEMEX	0.1	1.06	12	100	1	3.66	0.25	10	26	70	1.49	100	0.21	5	1.80	615
92MOB0092	14	424098	6051745	CHEMEX	0.1	0.52	4	260	1	1.71	0.5	7	9	17	0.72	240	0.12	5	0.38	2325
92MOB0095	14	423569	6051703	CHEMEX	0.1	1.27	2	110	1	3.09	0.25	7	33	21	1.61	120	0.30	5	1.41	400
92MOB0099	14	422294	6051508	CHEMEX	0.1	0.89	4	110	1	2.33	0.5	6	18	29	1.23	120	0.17	5	0.58	435
92MOB0103	14	421700	6051750	CHEMEX	0.1	1.16	8	190	1	2.16	0.5	12	28	20	1.42	200	0.26	5	0.74	2885
92MOB0107	14	418023	6051261	CHEMEX	0.1	0.34	4	60	1	4.24	1.0	2	9	25	0.51	260	0.14	5	1.21	505
92MOB0110	14	416947	6050847	CHEMEX	0.1	0.73	2	80	1	4.05	0.25	6	18	73	1.13	180	0.19	5	1.41	345
92MOB0113	14	416002	6049524	CHEMEX	0.1	0.37	4	130	1	1.77	1.0	2	9	20	0.55	420	0.15	5	0.29	665
92MOB0116	14	416005	6050232	CHEMEX	0.1	0.35	6	190	1	3.37	0.5	3	7	19	1.01	180	0.10	5	0.88	1020
92MOB0119	14	414429	6049579	CHEMEX	0.1	0.49	2	160	1	6.50	0.5	3	15	27	0.87	360	0.15	5	2.87	1955
92MOB0123	14	413736	6048893	CHEMEX	0.1	0.46	6	170	1	5.64	0.5	3	9	32	0.84	300	0.14	5	1.76	1610
92MOB0126	14	469913	5986124	CHEMEX	0.1	0.54	4	70	1	1.58	1.0	3	13	10	0.73	250	0.15	5	0.23	755
92MOB0129	14	473613	5983765	CHEMEX	0.1	1.07	1	80	1	2.53	0.5	4	21	11	0.99	150	0.13	10	0.58	280
92MOB0132	14	479106	5983463	CHEMEX	0.1	0.37	2	90	1	1.75	1.0	4	8	17	0.43	150	0.16	10	0.17	275
92MOB0135	14	479925	5987750	CHEMEX	0.1	0.50	4	90	1	1.73	0.5	2	10	10	0.59	200	0.11	10	0.32	1075
92MOB0138	14	484187	5984311	CHEMEX	0.1	0.21	4	50	1	1.14	1.0	1	4	9	0.24	300	0.10	5	0.17	345
92MOB0141	14	445097	6001910	CHEMEX	0.1	0.34	4	70	2	2.80	0.25	3	12	13	0.46	150	0.14	5	0.82	140
92MOB0147	14	437999	6002027	CHEMEX	0.1	0.58	8	70	1	1.05	0.5	2	11	7	0.55	200	0.11	5	0.25	55
92MOB0150	14	443035	6011620	CHEMEX	0.2	1.26	1	160	1	4.06	0.25	6	28	27	1.26	100	0.12	20	0.92	510
92MOB0153	14	460238	6017459	CHEMEX	0.1	0.19	4	30	1	1.57	0.25	0.5	3	7	0.20	100	0.04	5	0.28	10
92MOB0156	14	453458	6020735	CHEMEX	0.1	0.39	1	80	1	2.51	1.0	1	8	15	0.39	150	0.09	5	0.36	500
92MOB0159	14	444994	6020132	CHEMEX	0.1	0.22	2	70	1	5.30	0.25	1	6	12	0.24	100	0.03	5	0.62	195
92MOB0162	14	436664	6018105	CHEMEX	0.1	2.28	6	190	1	2.85	3.0	32	47	45	2.21	50	0.25	60	0.71	1185
92MOB0165	14	441387	6027536	CHEMEX	0.1	0.15	4	40	1	1.30	0.5	3	3	13	0.22	130	0.09	5	0.23	295
92MOB0168	14	453410	6029461	CHEMEX	0.1	0.93	1	90	1	1.13	0.5	6	25	15	1.21	150	0.14	10	0.36	280
92MOB0171	14	460195	6031098	CHEMEX	0.1	0.29	2	50	1	2.71	0.5	2	4	16	0.31	200	0.08	5	0.39	490

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92JC0079	0.5	0.005	7	1290	144	2	0.5	26	0.01	12	544
92MOB0002	0.5	0.005	13	350	8	1	2	9	0.04	26	50
92MOB0006	0.5	0.005	10	550	38	1	2	16	0.01	17	30
92MOB0017	0.5	0.005	7	540	1	1	0.5	57	0.005	8	12
92MOB0020	0.5	0.005	5	730	16	1	0.5	19	0.005	3	18
92MOB0026	0.5	0.005	5	370	1	1	0.5	42	0.005	8	4
92MOB0028	0.5	0.005	3	520	1	1	0.5	65	0.005	4	8
92MOB0030	0.5	0.01	31	970	26	1	5	38	0.06	38	156
92MOB0034	0.5	0.005	7	790	40	2	0.5	15	0.01	8	84
92MOB0037	0.5	0.005	11	1360	42	1	1	31	0.01	9	258
92MOB0041	0.5	0.005	9	670	38	1	1	29	0.01	15	80
92MOB0044	0.5	0.005	10	840	56	1	2	20	0.03	21	116
92MOB0047	0.5	0.005	8	1100	26	2	0.5	21	0.01	11	74
92MOB0050	0.5	0.005	10	620	20	1	2	15	0.03	24	48
92MOB0054	2	0.005	16	1800	24	2	1	24	0.02	19	54
92MOB0059	0.5	0.01	15	890	8	1	4	16	0.05	38	70
92MOB0062	0.5	0.03	57	1880	10	1	12	56	0.10	62	144
92MOB0064	0.5	0.01	30	3180	44	2	10	57	0.07	57	166
92MOB0068	0.5	0.005	11	600	16	2	2	15	0.02	24	54
92MOB0071	0.5	0.01	13	800	28	2	3	34	0.03	27	56
92MOB0074	0.5	0.02	42	880	26	4	9	30	0.11	63	120
92MOB0077	0.5	0.02	52	1300	18	2	12	48	0.10	51	138
92MOB0080	0.5	0.01	15	640	26	1	2	33	0.03	23	38
92MOB0083	0.5	0.005	4	620	26	1	0.5	15	0.005	7	36
92MOB0087	0.5	0.01	16	590	24	2	3	16	0.04	29	90
92MOB0092	1	0.005	8	670	26	1	1	25	0.02	14	58
92MOB0095	0.5	0.005	17	500	14	1	3	24	0.04	31	76
92MOB0099	0.5	0.005	10	600	12	1	2	25	0.02	22	60
92MOB0103	1	0.005	17	740	30	1	3	25	0.04	26	90
92MOB0107	0.5	0.005	6	950	42	2	1	16	0.01	12	64
92MOB0110	0.5	0.01	12	830	28	1	2	22	0.02	21	88
92MOB0113	0.5	0.005	7	930	52	1	1	14	0.01	10	88
92MOB0116	0.5	0.005	4	770	30	2	1	15	0.005	9	52
92MOB0119	0.5	0.005	8	840	42	1	1	22	0.01	16	76
92MOB0123	0.5	0.005	6	980	46	1	1	17	0.01	12	48
92MOB0126	0.5	0.005	6	1050	26	1	0.5	13	0.01	14	86
92MOB0129	0.5	0.005	12	460	26	1	2	16	0.03	19	26
92MOB0132	0.5	0.005	14	1540	24	1	0.5	25	0.005	4	38
92MOB0135	0.5	0.005	8	690	44	1	0.5	14	0.01	10	60
92MOB0138	0.5	0.005	4	640	32	1	0.5	9	0.005	5	62
92MOB0141	0.5	0.005	9	930	14	1	0.5	49	0.01	10	26
92MOB0147	1	0.005	5	700	24	1	1	13	0.02	11	34
92MOB0150	0.5	0.01	19	470	8	1	2	77	0.03	31	28
92MOB0153	0.5	0.005	3	730	2	1	0.5	19	0.005	2	14
92MOB0156	0.5	0.005	8	900	28	2	0.5	21	0.01	9	56
92MOB0159	0.5	0.005	6	600	4	1	0.5	32	0.005	11	12
92MOB0162	0.5	0.01	38	1760	36	1	6	50	0.03	36	234
92MOB0165	2	0.005	8	1160	8	1	0.5	22	0.005	3	66
92MOB0168	0.5	0.005	14	640	26	1	2	23	0.03	20	70
92MOB0171	0.5	0.005	5	720	26	1	0.5	13	0.005	8	22

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92MOB0174	14	479828	6021839	CHEMEX	0.1	0.21	2	30	1	5.50	0.25	1	6	12	0.56	150	0.06	5	1.60	265
92MOB0177	14	480115	6015181	CHEMEX	0.1	0.23	1	50	1	5.26	0.25	1	4	7	0.22	100	0.01	5	0.77	215
92MOB0181	14	482162	6044295	CHEMEX	0.2	1.23	1	120	1	1.47	1.0	17	27	15	1.93	200	0.17	20	0.48	2200
92MOB0184	14	490062	6063102	CHEMEX	0.1	0.84	1	50	1	5.66	0.25	3	21	9	0.94	100	0.09	0	3.18	310
92MOB0191	14	480098	6083219	CHEMEX	0.1	1.14	1	130	1	0.19	1.0	3	9	16	0.95	200	0.09	20	0.08	40
92MOB0194	14	499871	6122001	CHEMEX	0.1	0.71	2	120	1	0.57	0.5	6	7	20	0.45	210	0.09	10	0.12	60
92MOB0197	14	488359	6113447	CHEMEX	0.1	0.99	1	180	1	2.31	0.5	12	29	23	1.15	210	0.11	10	0.37	760
92MOB0200	14	498900	6108550	CHEMEX	0.1	1.41	1	180	1	0.61	0.5	5	22	39	1.01	160	0.10	10	0.17	45
92MOB0203	14	445024	6097313	CHEMEX	0.1	0.61	4	90	1	2.05	0.25	3	7	23	1.28	110	0.02	10	0.33	190
92MOB0206	14	444966	6103186	CHEMEX	0.1	0.14	2	180	1	0.39	0.5	1	3	10	0.12	100	0.07	5	0.11	55
92MOB0209	14	445149	6111767	CHEMEX	0.1	0.92	2	100	1	0.10	0.25	1	6	11	0.79	160	0.14	10	0.06	45
92MOB0212	14	445239	6118541	CHEMEX	0.1	0.37	6	140	1	0.95	0.5	3	5	16	0.33	300	0.12	5	0.12	305
92MOB0215	14	461601	6119604	CHEMEX	0.2	0.57	4	170	1	0.36	0.25	2	8	15	0.51	250	0.08	10	0.08	80
92MOB0218	14	464245	6112711	CHEMEX	0.1	0.90	2	110	2	0.08	0.5	3	11	31	1.03	230	0.11	5	0.06	35
92MOB0221	14	464585	6107124	CHEMEX	0.1	1.15	1	160	1	0.16	0.5	3	16	17	1.05	90	0.09	20	0.11	80
92MOB0224	14	471618	6102102	CHEMEX	0.1	2.55	1	310	1	2.17	0.5	9	41	48	2.17	100	0.25	80	0.64	1055
92MOB0230	14	457229	6074244	CHEMEX	0.1	0.84	2	160	1	0.16	1.5	5	11	19	0.98	230	0.17	20	0.12	75
92MOB0233	14	473950	6057628	CHEMEX	0.1	0.17	2	40	1	0.49	0.5	0.5	4	6	0.18	230	0.07	5	0.07	60
92MOB0236	14	460605	6055996	CHEMEX	0.1	0.43	4	70	1	0.63	1.0	5	7	12	0.44	300	0.16	10	0.13	245
92MOB0239	14	456780	6043730	CHEMEX	0.1	0.54	1	80	1	4.44	0.25	4	26	14	0.66	130	0.06	5	0.87	225
92MOB0242	14	444463	6046879	CHEMEX	0.1	0.77	1	50	1	1.82	0.25	1	18	32	0.44	170	0.06	10	0.32	30
92MOB0245	14	437296	6044050	CHEMEX	0.1	0.08	4	20	1	3.62	0.5	0.5	3	9	0.08	190	0.01	5	0.49	110
92MOB0248	14	447067	6037421	CHEMEX	0.1	0.11	1	110	1	6.06	0.25	1	3	9	0.10	80	0.01	5	0.57	185
92MOB0254	14	412243	6047565	CHEMEX	0.1	0.95	1	120	1	3.78	0.5	6	25	28	1.27	180	0.25	5	1.55	760
92MOB0257	14	407528	6044548	CHEMEX	0.1	0.44	1	70	1	1.25	0.5	3	9	15	0.49	220	0.14	5	0.31	545
92MOB0261	14	408137	6042729	CHEMEX	0.1	0.69	12	70	2	1.78	1.0	4	16	21	0.93	340	0.13	10	0.40	430
92MOB0264	14	409407	6043109	CHEMEX	0.1	0.21	2	40	1	0.30	1.5	0.5	5	11	0.22	310	0.08	5	0.09	55
92MOB0267	14	406262	6042259	CHEMEX	0.1	0.22	4	60	1	0.91	1.0	1	4	17	0.23	300	0.20	5	0.14	235
92MOB0281	14	430576	6081439	CHEMEX	0.1	0.36	14	130	1	0.70	0.5	6	7	40	0.45	160	0.08	5	0.14	20
92MOB0283	14	430755	6081361	CHEMEX	0.1	0.95	16	180	1	0.62	0.5	17	9	28	1.07	310	0.15	10	0.20	95
92MOB0285	14	430913	6081824	CHEMEX	0.1	0.19	6	40	1	0.22	0.5	1	7	11	0.20	180	0.12	5	0.14	60
92MOB0287	14	431078	6081813	CHEMEX	0.2	0.24	4	100	1	0.29	0.5	1	6	11	0.26	240	0.10	5	0.08	115
92MOB0289	14	430632	6081929	CHEMEX	0.2	0.21	8	160	1	0.42	0.5	1	7	17	0.25	200	0.19	5	0.10	140
92MOB0292	14	440050	6097100	CHEMEX	0.1	0.55	2	90	1	0.15	0.25	1	8	10	0.44	300	0.11	5	0.06	60
92MOB0296	14	437775	6104100	CHEMEX	0.1	1.08	8	150	1	0.30	0.5	4	25	35	1.32	310	0.12	10	0.17	70
92MOB0299	14	439449	6109142	CHEMEX	0.1	0.28	4	70	1	0.26	0.5	1	6	7	0.29	280	0.10	5	0.07	70
92MOB0302	14	456511	6119192	CHEMEX	0.1	0.41	4	90	1	0.13	0.5	1	5	8	0.43	240	0.13	5	0.07	65
92MOB0305	14	469484	6114570	CHEMEX	0.1	1.24	1	120	1	0.08	0.25	3	19	15	1.02	90	0.08	10	0.14	25
92MOB0308	14	467960	6099299	CHEMEX	0.1	0.60	1	170	1	0.47	1.0	4	11	12	0.64	160	0.10	10	0.13	295
92MOB0311	14	458353	6095664	CHEMEX	0.1	0.35	4	200	1	1.91	0.25	4	7	14	0.33	270	0.20	20	0.20	1185
92MOB0322	14	452900	6067950	CHEMEX	0.2	0.46	2	130	1	0.76	0.25	4	8	15	0.52	240	0.15	10	0.12	30
92MOB0327	14	457650	6065725	CHEMEX	0.1	0.49	6	320	1	1.44	1.0	7	8	16	0.50	430	0.25	10	0.21	2615
92MOB0330	14	465650	6063550	CHEMEX	0.1	1.50	2	220	1	1.75	0.5	19	29	39	1.65	180	0.24	30	0.53	2070
92MOB0333	14	466005	6069900	CHEMEX	0.2	1.86	1	470	2	1.33	1.0	39	145	29	1.76	100	0.21	10	0.72	2980
92MOB0337	14	461250	6075250	CHEMEX	0.1	1.47	4	180	1	0.65	0.25	21	14	20	1.09	300	0.19	90	0.23	530
92MOB0340	14	462075	6080250	CHEMEX	0.1	0.53	2	80	1	0.24	1.0	3	10	12	0.53	420	0.16	5	0.07	115
92MOB0343	14	467970	6086450	CHEMEX	0.1	0.44	1	610	1	2.80	1.0	12	10	22	0.45	280	0.26	5	0.23	1845
92MOB1002	14	437763	6058408	CHEMEX	0.1	1.90	10	330	1	0.85	0.5	18	37	39	2.40	80	0.30	60	0.69	1095
92MOB1005	14	488133	5986132	CHEMEX	0.1	1.02	1	70	1	3.76	0.25	2	15	7	0.87	80	0.08	5	0.84	205
92MOB1012	14	493196	6056073	CHEMEX	0.1	0.45	2	40	1	4.14	0.5	6	11	12	0.55	180	0.12	5	0.88	710

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB0174	0.5	0.005	7	660	8	1	0.5	23	0.005	3	20
92MOB0177	0.5	0.005	2	600	2	1	0.5	16	0.005	4	4
92MOB0181	0.5	0.005	17	970	28	1	2	22	0.04	29	84
92MOB0184	0.5	0.01	10	310	24	1	1	18	0.03	16	24
92MOB0191	1	0.005	8	1040	18	1	0.5	12	0.01	6	26
92MOB0194	0.5	0.005	24	990	16	1	0.5	47	0.005	4	60
92MOB0197	0.5	0.01	19	1050	18	1	2	58	0.03	26	54
92MOB0200	1	0.005	24	1020	4	1	1	41	0.01	10	44
92MOB0203	8	0.01	5	620	4	1	2	71	0.01	9	26
92MOB0206	0.5	0.005	4	370	4	1	0.5	44	0.005	1	8
92MOB0209	0.5	0.005	9	1430	16	1	0.5	14	0.01	5	30
92MOB0212	0.5	0.005	11	1250	36	1	0.5	46	0.005	6	104
92MOB0215	0.5	0.005	10	780	24	1	0.5	25	0.01	8	36
92MOB0218	1	0.005	13	1210	20	1	0.5	14	0.005	8	28
92MOB0221	0.5	0.005	15	720	22	1	1	20	0.02	21	38
92MOB0224	0.5	0.01	29	810	10	1	6	59	0.04	30	72
92MOB0230	0.5	0.005	14	1060	28	1	1	20	0.01	13	46
92MOB0233	0.5	0.005	4	530	24	1	0.5	10	0.005	3	26
92MOB0236	0.5	0.005	10	1460	24	1	1	18	0.01	8	62
92MOB0239	1	0.005	11	690	4	1	1	45	0.06	28	40
92MOB0242	0.5	0.005	7	1370	2	1	1	13	0.01	11	14
92MOB0245	1	0.005	1	820	4	1	0.5	20	0.005	1	30
92MOB0248	0.5	0.005	3	700	1	1	0.5	44	0.005	1	16
92MOB0254	0.5	0.01	14	880	46	1	2	16	0.03	24	80
92MOB0257	0.5	0.005	6	1220	32	1	0.5	20	0.005	11	100
92MOB0261	0.5	0.005	6	700	58	1	1	13	0.01	15	84
92MOB0264	0.5	0.005	2	550	44	1	0.5	8	0.005	4	60
92MOB0267	0.5	0.005	4	960	40	1	0.5	12	0.005	5	82
92MOB0281	1	0.005	14	650	24	1	0.5	31	0.005	8	14
92MOB0283	0.5	0.005	9	1200	16	1	1	26	0.01	9	54
92MOB0285	0.5	0.005	5	700	24	1	0.5	8	0.005	4	58
92MOB0287	0.5	0.005	4	730	22	1	0.5	11	0.01	6	54
92MOB0289	0.5	0.005	6	1100	28	1	0.5	23	0.005	4	66
92MOB0292	0.5	0.005	5	1340	20	1	1	16	0.01	7	32
92MOB0296	0.5	0.005	15	830	28	1	1	17	0.06	27	48
92MOB0299	0.5	0.005	7	940	28	1	0.5	22	0.01	6	34
92MOB0302	0.5	0.005	8	840	24	1	0.5	10	0.01	8	28
92MOB0305	0.5	0.005	10	540	6	1	0.5	12	0.01	17	16
92MOB0308	0.5	0.005	17	770	34	1	0.5	22	0.01	11	48
92MOB0311	0.5	0.005	17	1630	28	1	0.5	57	0.005	5	82
92MOB0322	1	0.005	12	1100	18	1	0.5	28	0.005	7	22
92MOB0327	1	0.005	12	1330	56	1	0.5	35	0.01	10	82
92MOB0330	1	0.01	31	1780	36	1	2	45	0.03	28	76
92MOB0333	1	0.01	61	2900	20	1	5	30	0.07	44	280
92MOB0337	1	0.005	18	2200	18	1	0.5	50	0.01	13	38
92MOB0340	0.5	0.005	9	1260	26	1	1	14	0.01	10	46
92MOB0343	0.5	0.005	13	2080	28	1	0.5	86	0.01	9	102
92MOB1002	0.5	0.01	30	940	42	2	4	37	0.05	41	152
92MOB1005	0.5	0.005	7	530	12	1	1	9	0.01	13	42
92MOB1012	0.5	0.005	7	650	20	1	1	38	0.01	12	34

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92MOB1014	14	452428	6046513	CHEMEX	0.1	0.63	2	110	1	4.39	0.5	6	13	16	0.86	200	0.09	5	0.93	875
92MOB1017	14	450336	6046454	CHEMEX	0.1	0.34	2	80	1	1.18	0.25	2	10	11	0.49	80	0.11	5	0.26	845
92MOB1020	14	449871	6047711	CHEMEX	0.1	0.12	2	20	1	0.69	0.25	0.5	5	4	0.13	150	0.13	5	0.22	20
92MOB1024	14	449401	6050524	CHEMEX	0.1	0.18	4	30	1	4.73	0.25	1	8	10	0.25	120	0.04	5	0.67	130
92MOB1026	14	450463	6050864	CHEMEX	0.1	0.34	6	60	1	1.15	1.0	2	7	10	0.60	180	0.09	5	0.30	360
92MOB1029	14	447536	6052245	CHEMEX	0.1	0.29	4	40	1	4.36	0.5	2	7	11	0.39	120	0.08	5	0.87	300
92MOB1033	14	443918	6055391	CHEMEX	0.1	1.45	166	80	1	5.36	0.25	10	36	51	2.22	30	0.35	5	3.09	385
92MOB1036	14	441520	6056933	CHEMEX	0.1	0.14	2	60	2	4.97	0.5	1	6	13	0.17	100	0.04	5	0.67	530
92MOB1039	14	440586	6060315	CHEMEX	0.2	0.56	6	210	1	1.18	1.0	5	9	23	0.66	180	0.13	10	0.22	405
92MOB1042	14	433231	6052330	CHEMEX	0.1	1.03	4	120	1	1.91	0.5	6	24	22	1.41	100	0.15	10	0.91	605
92MOB1047	14	434168	6051494	CHEMEX	0.1	0.32	2	200	1	1.50	1.0	3	7	17	0.42	220	0.08	10	0.13	1115
92MOB1050	14	432046	6053177	CHEMEX	0.2	0.67	8	80	1	2.72	1.0	4	15	28	1.08	220	0.13	5	0.67	640
92MOB1055	14	421757	6051069	CHEMEX	0.1	0.18	2	40	1	4.67	0.25	1	6	14	0.24	100	0.02	5	0.72	150
92MOB1058	14	420578	6051908	CHEMEX	0.2	0.82	1	80	1	1.85	0.5	6	17	27	1.32	120	0.15	10	0.78	435
92MOB1061	14	420100	6051007	CHEMEX	0.1	0.35	1	80	1	0.83	0.5	1	6	12	0.54	180	0.04	10	0.17	90
92MOB1064	14	418507	6052535	CHEMEX	0.2	0.51	6	80	1	3.61	1.0	3	8	19	1.17	280	0.10	5	0.81	1345
92MOB1066	14	419947	6052417	CHEMEX	0.1	0.30	6	80	1	5.08	0.5	2	6	15	0.60	140	0.04	5	1.11	495
92MOB1069	14	419301	6051720	CHEMEX	0.1	0.23	6	20	1	2.32	0.5	2	3	13	0.32	160	0.07	5	0.74	130
92MOB1072	14	412040	6047178	CHEMEX	0.1	0.55	1	70	1	3.24	0.5	4	17	27	0.90	160	0.11	5	1.01	430
92MOB1075	14	411762	6047204	CHEMEX	0.2	1.33	1	160	1	3.79	0.5	7	27	14	2.02	120	0.14	5	1.64	1640
92MOB1079	14	411245	6046891	CHEMEX	0.1	0.85	2	70	1	3.66	1.0	5	20	24	1.24	240	0.16	5	1.27	995
92MOB1081	14	410518	6046931	CHEMEX	0.1	0.33	10	240	1	7.65	0.25	8	7	31	1.17	100	0.05	5	1.13	4520
92MOB1086	14	408294	6046973	CHEMEX	0.1	0.60	2	80	1	1.67	0.25	6	14	22	0.82	140	0.16	10	0.59	355
92MOB1088	14	408877	6047501	CHEMEX	0.1	1.11	1	80	1	1.23	0.5	6	26	20	1.49	80	0.16	10	0.50	300
92MOB1090	14	407808	6046795	CHEMEX	0.2	0.90	2	90	1	3.79	0.5	7	24	30	1.69	120	0.16	5	1.63	620
92MOB1097	14	407504	6047946	CHEMEX	1.4	0.24	4	80	1	1.47	0.5	2	6	11	0.27	260	0.12	5	0.16	40
92MOB1101	14	406276	6047037	CHEMEX	0.1	0.70	6	110	1	2.84	0.5	4	17	25	1.14	190	0.14	5	0.56	755
92MOB1104	14	405667	6048360	CHEMEX	0.1	0.47	6	20	1	1.08	1.0	3	16	19	0.58	230	0.13	5	0.34	115
92MOB1107	14	403895	6048603	CHEMEX	0.1	0.48	6	100	1	6.25	0.5	3	10	30	1.05	190	0.06	5	2.44	1470
92MOB1109	14	484967	5994440	CHEMEX	0.1	0.86	2	250	1	7.94	2.5	3	15	22	0.83	50	0.11	5	1.19	755
92MOB1112	14	486237	5999358	CHEMEX	0.1	0.80	2	150	1	3.96	1.0	6	15	16	0.75		0.08	5	0.60	2020
92MOB1115	14	468667	6008703	CHEMEX	0.1	0.59	2	130	1	6.84	0.5	3	10	14	0.52	120	0.07	5	0.83	675
92MOB1121	14	461126	6000668	CHEMEX	0.1	0.61	2	50	1	0.85	0.5	2	10	9	0.82	400	0.16	5	0.19	165
92MOB1124	14	443601	6063696	CHEMEX	0.1	0.42	10	130	1	0.87	1.0	2	3	15	0.46	250	0.10	10	0.17	290
92MOB1127	14	441511	6063631	CHEMEX	0.1	1.24	1	110	1	0.44	0.5	9	30	12	1.67	50	0.17	20	0.40	255
92MOB1130	14	402170	6048956	CHEMEX	0.1	1.34	4	190	1	4.24	0.5	6	19	21	2.74	160	0.11	5	1.83	2235
92MOB1133	14	401189	6049566	CHEMEX	0.1	0.40	4	70	1	2.84	0.5	4	10	27	0.54	190	0.17	5	0.63	750
92MOB1136	14	400171	6046924	CHEMEX	0.1	0.82	4	110	1	2.53	1.0	3	15	20	1.17	240	0.17	5	0.63	765
92MOB1139	14	400563	6047832	CHEMEX	0.1	1.23	2	120	1	2.10	0.5	7	29	19	1.45	200	0.24	10	0.86	430
92MOB1142	14	399635	6049019	CHEMEX	0.2	0.42	4	50	1	2.29	0.5	4	12	29	0.74	180	0.10	5	0.59	805
92MOB1145	14	398112	6048987	CHEMEX	0.1	1.05	2	100	2	2.19	1.0	11	25	102	1.59	160	0.22	10	0.70	485
92MOB1148	14	397064	6048741	CHEMEX	0.1	0.54	1	90	1	2.12	0.5	4	13	31	0.85	170	0.20	5	0.50	880
92MOB1151	14	394992	6047980	CHEMEX	0.2	0.43	1	90	1	2.88	0.5	2	9	20	0.63	220	0.07	5	0.54	470
92MOB1154	14	396619	6047562	CHEMEX	0.1	0.38	2	80	1	2.98	1.0	2	9	23	0.58	370	0.12	0	0.84	910
92MOB1157	14	393441	6048912	CHEMEX	0.1	0.51	12	70	1	1.12	1.0	3	12	31	0.69	310	0.13	10	0.27	510
92MOB1160	14	394420	6048878	CHEMEX	0.1	1.11	8	170	2	2.13	0.5	6	22	45	1.54	210	0.18	10	0.60	1025
92MOB1163	14	438431	6121374	CHEMEX	0.1	1.04	1	140	1	2.24	0.5	11	19	19	0.92	190	0.18	20	0.39	1430
92MOB1166	14	454246	6113844	CHEMEX	0.1	0.97	1	100	1	0.11	0.25	3	10	20	1.04	250	0.12	5	0.06	45
92MOB1172	14	475694	6109933	CHEMEX	0.1	0.45	4	170	1	0.13	0.25	2	7	10	0.39	200	0.09	5	0.07	55
92MOB1178	14	472957	6086600	CHEMEX	0.1	0.38	1	90	2	0.97	0.25	4	7	8	0.35	250	0.17	30	0.13	535

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB1014	0.5	0.005	9	580	22	2	1	21	0.01	16	26
92MOB1017	0.5	0.005	5	500	30	1	0.5	9	0.01	10	16
92MOB1020	0.5	0.005	2	620	8	1	0.5	13	0.005	2	22
92MOB1024	0.5	0.005	4	510	12	1	0.5	23	0.005	4	6
92MOB1026	0.5	0.005	4	570	24	1	0.5	9	0.01	8	38
92MOB1029	0.5	0.005	4	580	20	1	1	20	0.005	7	14
92MOB1033	0.5	0.01	22	680	12	2	4	22	0.04	35	64
92MOB1036	0.5	0.005	3	670	14	2	0.5	18	0.005	3	30
92MOB1039	0.5	0.005	10	1150	34	1	0.5	40	0.005	11	86
92MOB1042	0.5	0.005	14	650	34	1	2	16	0.02	26	72
92MOB1047	0.5	0.005	7	790	36	1	0.5	27	0.005	7	90
92MOB1050	0.5	0.005	9	510	70	1	1	15	0.01	18	80
92MOB1055	0.5	0.005	3	560	6	2	0.5	15	0.005	3	2
92MOB1058	0.5	0.005	8	670	14	1	1	16	0.02	26	52
92MOB1061	0.5	0.005	4	410	34	1	0.5	13	0.005	7	42
92MOB1064	0.5	0.005	7	640	74	1	1	13	0.005	10	72
92MOB1066	0.5	0.01	4	610	16	1	0.5	42	0.005	5	14
92MOB1069	0.5	0.005	4	570	28	2	0.5	10	0.005	5	30
92MOB1072	0.5	0.005	9	600	36	1	1	14	0.01	17	64
92MOB1075	0.5	0.005	11	750	54	1	2	17	0.03	23	96
92MOB1079	0.5	0.005	13	620	62	1	2	17	0.02	22	92
92MOB1081	0.5	0.01	8	1460	16	1	0.5	45	0.005	5	92
92MOB1086	0.5	0.005	13	1020	34	1	1	25	0.01	15	38
92MOB1088	0.5	0.005	14	430	38	1	2	13	0.03	25	56
92MOB1090	0.5	0.005	12	580	44	1	2	12	0.03	24	64
92MOB1097	0.5	0.005	6	1180	28	1	0.5	28	0.005	4	22
92MOB1101	0.5	0.005	9	680	44	1	1	13	0.01	16	52
92MOB1104	0.5	0.005	8	870	38	1	1	13	0.01	11	64
92MOB1107	0.5	0.005	6	770	16	1	1	22	0.005	9	38
92MOB1109	0.5	0.01	10	1640	50	1	1	45	0.01	13	200
92MOB1112	0.5	0.005	9	670	30	1	1	22	0.005	17	40
92MOB1115	0.5	0.005	6	940	16	2	0.5	28	0.005	7	52
92MOB1121	0.5	0.005	6	710	38	1	1	9	0.01	13	52
92MOB1124	0.5	0.005	6	1090	46	1	0.5	18	0.005	6	76
92MOB1127	0.5	0.005	16	570	16	1	2	22	0.04	28	64
92MOB1130	0.5	0.005	9	660	36	1	2	15	0.02	25	78
92MOB1133	0.5	0.005	9	1290	52	1	0.5	21	0.005	9	40
92MOB1136	0.5	0.005	9	810	50	1	1	13	0.02	16	138
92MOB1139	0.5	0.005	17	810	22	1	3	24	0.05	28	128
92MOB1142	0.5	0.005	7	710	40	1	1	10	0.01	12	44
92MOB1145	1	0.005	18	1040	28	1	3	31	0.02	28	156
92MOB1148	0.5	0.005	8	1070	50	2	1	14	0.01	15	72
92MOB1151	0.5	0.005	6	840	38	1	0.5	12	0.005	8	50
92MOB1154	0.5	0.005	5	790	42	1	0.5	18	0.005	7	132
92MOB1157	0.5	0.005	7	880	78	1	1	10	0.01	14	84
92MOB1160	0.5	0.005	13	670	68	1	3	14	0.03	27	140
92MOB1163	0.5	0.005	18	1140	30	1	1	66	0.02	24	62
92MOB1166	0.5	0.005	12	1520	10	1	0.5	15	0.01	10	36
92MOB1172	1	0.005	11	790	28	1	0.5	27	0.01	6	26
92MOB1178	1	0.005	9	1270	8	1	1	32	0.01	6	50

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
92MOB1184	14	466628	6075287	CHEMEX	0.1	0.48	1	190	1	1.66	0.25	16	12	20	0.60	170	0.13	5	0.21	1170
92MOB1189	14	444487	6043305	CHEMEX	0.1	0.48	4	70	2	2.05	0.5	2	10	22	0.35	230	0.12	5	0.47	190
92MOB1192	14	437390	6038430	CHEMEX	0.2	2.15	2	120	2	3.44	0.25	5	35	39	1.48	160	0.20	70	0.73	95
92MOB1195	14	439712	6063811	CHEMEX	0.2	0.47	4	280	1	1.89	0.5	16	10	15	0.47	230	0.20	20	0.30	2225
92MOB1198	14	392630	6049740	CHEMEX	0.1	0.84	1	90	2	1.42	1.0	5	18	56	1.46	180	0.12	10	0.56	505
92MOB1201	14	390360	6051099	CHEMEX	0.1	0.86	2	70	2	0.67	0.25	6	24	19	1.31	90	0.08	10	0.45	270
92MOB1204	14	389335	6051273	CHEMEX	0.1	0.61	1	90	1	0.64	1.0	4	16	26	0.89	180	0.11	10	0.32	135
92MOB1218	14	430706	6081497	CHEMEX	0.1	2.25	2	190	1	0.72	0.25	12	16	57	1.75	140	0.06	10	0.28	105
92MOB1220	14	430706	6081698	CHEMEX	0.1	1.13	18	190	1	0.68	0.25	6	15	18	1.57	90	0.04	10	0.28	415
92MOB1222	14	430821	6081877	CHEMEX	0.1	0.57	34	130	1	0.18	0.5	4	13	36	0.91	100	0.03	10	0.08	30
92MOB1224	14	430905	6082109	CHEMEX	0.1	0.78	30	130	1	0.89	0.5	6	15	34	0.90	100	0.04	10	0.20	25
92MOB1226	14	431124	6082449	CHEMEX	0.6	0.31	6	190	2	1.28	0.5	6	11	19	0.46	210	0.12	5	0.21	1840
92MOB1228	14	431163	6082613	CHEMEX	0.4	0.68	4	320	1	1.48	0.5	9	12	30	1.07	160	0.15	5	0.29	400
92MOB1233	14	430957	6080932	CHEMEX	0.1	0.48	8	100	2	0.40	0.25	3	7	21	0.46	200	0.09	5	0.24	25
92MOB1235	14	430928	6081184	CHEMEX	0.1	0.30	12	90	1	1.12	0.5	2	7	28	0.34	320	0.10	5	0.37	215
92MOB1237	14	430766	6082505	CHEMEX	0.1	0.83	1	60	1	0.46	0.25	6	12	75	0.89	140	0.03	10	0.09	30
92MOB1239	14	430494	6081271	CHEMEX	0.2	0.27	8	60	2	1.39	1.0	2	8	36	0.37	230	0.12	5	0.52	290
92MOB1242	14	449083	6055772	CHEMEX	0.1	0.36	4	90	2	4.37	0.5	6	10	21	0.86	140	0.18	5	1.23	1225
92MOB1251	14	431012	6082239	CHEMEX	0.1	0.29	8	60	1	0.32	1.0	2	3	14	0.31	340	0.12	5	0.10	70
93HJB2000	13	669702	6090111	CHEMEX	0.1	0.70	20	160	1	0.52	4.0	3	12	122	0.54	600	0.07	5	0.11	255
93HJB2002	13	669525	6090100	CHEMEX	0.8	0.49	6	310	1	1.01	2.5	12	8	61	0.44	400	0.18	5	0.18	1960
93HJB2004	13	669452	6091455	CHEMEX	0.4	0.78	12	470	1	1.18	4.5	15	12	71	0.71	500	0.16	5	0.16	1915
93HJB2006	13	668175	6092200	CHEMEX	0.2	0.51	12	170	1	1.04	2.0	5	14	50	0.46	400	0.18	5	0.18	730
93HJB2009	13	667500	6089750	CHEMEX	0.4	0.40	6	130	1	1.16	3.0	8	10	44	0.37	400	0.15	5	0.15	410
93HJB2011	13	669260	6096480	CHEMEX	0.2	0.36	16	540	1	2.12	4.0	2	5	61	0.31	600	0.23	5	0.23	925
93HJB2013	13	668000	6097415	CHEMEX	0.2	0.31	6	180	1	0.97	1.5	6	9	38	0.29	550	0.21	5	0.21	620
93HJB2015	13	668475	6095160	CHEMEX	0.2	0.59	6	270	1	1.04	2.5	7	10	45	0.66	400	0.17	5	0.17	780
93HJB2017	13	664400	6093345	CHEMEX	0.8	0.33	4	340	1	1.37	4.0	15	12	63	0.55	340	0.17	5	0.19	2660
93HJB2019	13	664900	6095115	CHEMEX	0.2	0.41	4	380	1	0.62	2.0	39	13	68	0.66	300	0.15	10	0.18	2040
93HJB2021	13	665085	6094780	CHEMEX	0.2	0.48	4	560	1	1.55	3.0	9	16	53	0.76	280	0.15	5	0.26	2820
93HJB2023	13	666950	6096415	CHEMEX	0.4	0.58	12	460	1	0.98	3.5	23	17	67	2.25	280	0.12	5	0.22	4515
93HJB2025	13	670205	6090655	CHEMEX	0.1	0.35	20	350	1	0.20	6.0	1	13	144	0.50	460	0.08	5	0.05	150
93HJB2027	13	661700	6047345	CHEMEX	0.4	0.47	8	200	1	0.56	3.0	3	16	85	0.76	540	0.11	5	0.15	1795
93HJB2029	13	667760	6095600	CHEMEX	0.2	0.21	8	260	1	0.60	3.5	2	8	60	0.34	440	0.10	5	0.10	2170
93HJB2031	13	668600	6094050	CHEMEX	0.2	0.25	14	200	1	1.39	7.5	2	12	125	0.34	650	0.17	5	0.13	765
93HJB2033	13	687375	6098250	CHEMEX	0.4	0.25	24	350	1	1.08	8.5	12	10	192	0.35	540	0.19	5	0.10	665
93HJB2035	13	686660	6096550	CHEMEX	0.8	0.20	8	310	2	1.38	5.5	15	9	129	0.43	480	0.19	5	0.25	1600
93HJB2037	13	687625	6094470	CHEMEX	0.2	0.59	30	280	2	0.32	8.0	2	17	338	0.72	740	0.08	5	0.07	180
93HJB2039	13	687950	6093275	CHEMEX	0.2	0.66	14	170	1	0.12	3.5	3	13	125	0.78	400	0.07	5	0.09	60
93HJB2041	13	685250	6093410	CHEMEX	1.8	0.23	20	380	1	1.01	7.0	13	9	210	0.43	620	0.19	5	0.10	1810
93HJB2043	13	686100	6092660	CHEMEX	0.2	0.40	18	170	6	0.54	6.0	6	8	200	0.78	740	0.11	5	0.08	375
93HJB2045	13	684425	6092725	CHEMEX	0.4	0.99	50	180	1	0.50	9.0	10	21	250	1.15	440	0.07	10	0.16	440
93HJB2047	13	685775	6091650	CHEMEX	0.2	0.30	16	90	1	0.30	5.0	1	11	127	0.55	440	0.08	5	0.07	110
93HJB2049	13	686200	6095400	CHEMEX	0.2	0.19	16	170	2	0.30	4.5	8	10	136	0.36	420	0.06	5	0.09	120
93HJB2051	14	309375	6093400	CHEMEX	0.4	0.48	22	410	4	0.47	9.0	3	17	333	0.80	860	0.13	5	0.15	295
93HJB2053	13	688900	6098400	CHEMEX	0.2	0.94	8	220	1	0.65	4.0	6	30	135	1.21	500	0.22	10	0.35	345
93HJB2055	13	689775	6095450	CHEMEX	0.4	0.27	18	140	1	0.52	6.5	6	11	179	0.45	800	0.16	5	0.12	300
93HJB2057	13	690880	6094260	CHEMEX	0.1	0.23	14	230	1	0.29	6.0	1	10	143	0.37	320	0.05	5	0.04	95
93HJB2059	14	309600	6098340	CHEMEX	1.2	0.22	12	320	1	0.98	4.5	16	10	139	0.38	420	0.20	5	0.13	1125
93HJB2061	14	309225	6096875	CHEMEX	0.2	0.48	16	180	2	0.45	3.0	5	16	128	0.68	460	0.16	5	0.16	265

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB1184	0.5	0.005	17	1220	26	1	0.5	39	0.01	12	48
92MOB1189	1	0.005	9	1680	16	1	0.5	28	0.01	7	24
92MOB1192	0.5	0.01	26	1110	8	1	6	39	0.04	23	36
92MOB1195	0.5	0.005	18	1480	34	1	0.5	66	0.005	7	122
92MOB1198	0.5	0.005	9	680	40	1	2	8	0.01	22	194
92MOB1201	0.5	0.005	11	420	18	1	2	10	0.02	23	32
92MOB1204	0.5	0.005	9	810	38	1	1	13	0.01	16	78
92MOB1218	1	0.04	9	620	8	1	2	32	0.05	31	34
92MOB1220	0.5	0.01	7	320	8	1	2	20	0.04	45	70
92MOB1222	0.5	0.005	13	420	8	1	1	19	0.01	15	16
92MOB1224	0.5	0.005	9	430	8	1	2	32	0.02	16	24
92MOB1226	1	0.005	8	960	28	1	1	28	0.01	15	112
92MOB1228	0.5	0.005	10	580	26	1	1	37	0.03	29	60
92MOB1233	0.5	0.005	6	970	26	1	1	21	0.01	10	50
92MOB1235	0.5	0.005	7	800	24	1	0.5	19	0.005	6	114
92MOB1237	0.5	0.005	14	650	6	1	1	16	0.02	17	14
92MOB1239	0.5	0.005	6	960	36	1	0.5	14	0.005	6	196
92MOB1242	0.5	0.005	8	1080	12	2	0.5	18	0.005	5	20
92MOB1251	0.5	0.005	6	1040	18	2	1	14	0.005	5	48
93HJB2000	0.5	0.01	9	790	168	1	1	26	0.03	11	444
93HJB2002	0.5	0.01	7	1140	82	1	1	77	0.03	10	344
93HJB2004	0.5	0.01	14	1170	94	1	1	46	0.04	14	350
93HJB2006	0.5	0.01	8	830	68	1	1	31	0.04	12	320
93HJB2009	0.5	0.005	10	1090	48	1	1	47	0.02	8	200
93HJB2011	0.5	0.01	4	1280	92	1	0.5	63	0.01	7	474
93HJB2013	0.5	0.005	6	1610	46	1	0.5	84	0.01	6	286
93HJB2015	0.5	0.01	8	870	58	1	1	28	0.05	14	294
93HJB2017	0.5	0.005	7	1370	80	2	0.5	107	0.01	11	512
93HJB2019	0.5	0.005	21	1130	110	4	0.5	68	0.02	13	194
93HJB2021	0.5	0.005	9	1430	82	2	0.5	61	0.02	13	470
93HJB2023	1	0.005	19	1070	94	6	1	64	0.03	26	426
93HJB2025	0.5	0.01	8	710	258	2	0.5	23	0.01	8	284
93HJB2027	0.5	0.005	7	1000	166	4	1	20	0.02	15	356
93HJB2029	1	0.005	7	1010	124	4	0.5	35	0.005	6	336
93HJB2031	1	0.005	7	1410	158	2	0.5	67	0.005	7	796
93HJB2033	0.5	0.005	10	1040	196	4	0.5	66	0.005	6	828
93HJB2035	0.5	0.005	9	1550	146	4	0.5	137	0.01	7	954
93HJB2037	0.5	0.005	8	960	536	2	1	26	0.01	11	738
93HJB2039	0.5	0.005	8	900	198	6	0.5	24	0.01	11	374
93HJB2041	0.5	0.005	12	1270	266	4	0.5	71	0.005	7	1114
93HJB2043	1	0.005	7	1310	222	2	0.5	30	0.005	13	912
93HJB2045	0.5	0.005	21	1260	174	1	1	27	0.04	22	830
93HJB2047	1	0.005	7	750	178	2	0.5	30	0.01	11	606
93HJB2049	0.5	0.005	9	860	170	4	0.5	36	0.01	7	560
93HJB2051	0.5	0.005	12	1290	358	4	0.5	37	0.01	14	1652
93HJB2053	0.5	0.01	16	1040	182	2	2	44	0.06	26	586
93HJB2055	0.5	0.005	8	1220	246	2	0.5	35	0.005	7	890
93HJB2057	0.5	0.005	7	530	170	2	0.5	34	0.01	7	484
93HJB2059	0.5	0.005	8	1410	182	1	0.5	62	0.005	7	644
93HJB2061	1	0.005	7	1180	174	1	1	33	0.02	15	518

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93HJB2063	14	310360	6088200	CHEMEX	0.4	0.27	18	130	2	0.25	7.5	2	16	257	0.66	680	0.10	5	0.08	90
93HJB2065	14	310860	6089700	CHEMEX	0.4	0.34	16	190	2	0.82	11.5	4	12	308	0.63	1200	0.15	5	0.14	2335
93HJB2067	14	312600	6088450	CHEMEX	0.6	0.31	18	250	2	0.71	10.0	5	10	372	0.67	1000	0.16	5	0.18	1295
93HJB2069	14	313675	6089225	CHEMEX	0.1	0.27	24	130	1	0.27	6.0	1	7	174	0.29	700	0.07	5	0.04	100
93HJB2071	14	315050	6088850	CHEMEX	0.1	0.38	24	170	2	0.35	4.0	3	11	143	0.50	540	0.10	5	0.07	85
93HJB2073	14	316500	6070100	CHEMEX	4.2	1.13	294	110	12	0.62	53.0	19	26	1953	4.32	40000	0.14	5	0.66	390
93HJB2075	14	314900	6069350	CHEMEX	5.8	0.48	246	140	12	0.41	82.0	22	14	3066	3.47	40000	0.11	5	0.22	330
93HJB2077	13	688890	6059300	CHEMEX	0.1	0.52	22	90	2	1.94	4.0	9	16	145	0.65	420	0.11	5	0.40	1015
93HJB2079	13	674300	6086750	CHEMEX	0.1	0.46	4	100	1	0.15	3.0	3	15	65	0.67	240	0.10	5	0.09	140
93HJB2081	13	665500	6087300	CHEMEX	0.6	0.45	6	230	2	1.92	7.5	14	15	81	0.63	380	0.15	5	0.20	1055
93HJB2083	13	663325	6090375	CHEMEX	0.1	0.32	1	130	2	0.81	4.0	9	10	64	0.28	590	0.15	5	0.11	360
93HJB2086	13	668850	6085900	CHEMEX	0.1	0.65	6	300	1	0.28	2.0	4	16	63	0.75	220	0.08	10	0.08	70
93HJB2089	14	311425	6093325	CHEMEX	0.4	0.50	46	110	2	0.23	7.5	3	17	316	0.66	660	0.13	5	0.09	110
93HJB2091	14	313820	6093250	CHEMEX	0.2	0.26	18	180	2	0.39	4.0	3	14	140	0.45	500	0.13	5	0.09	105
93HJB2093	14	310100	6084050	CHEMEX	0.8	0.30	48	110	2	0.21	14.5	3	6	640	0.63	1520	0.11	10	0.05	85
93HJB2098	13	674850	6075450	CHEMEX	0.1	0.28	14	130	1	0.49	4.0	1	10	85	0.33	600	0.15	5	0.07	205
93HJB2100	13	673500	6076380	CHEMEX	0.1	0.40	14	90	1	0.07	4.0	1	10	105	0.36	460	0.13	5	0.04	50
93HJB2102	14	310940	6080850	CHEMEX	1.8	0.41	70	250	6	1.88	33.5	8	11	1355	1.18	2500	0.22	5	0.21	660
93HJB2104	14	311325	6080525	CHEMEX	2.6	0.43	62	230	6	0.75	37.0	11	19	1555	1.25	1520	0.18	5	0.26	1105
93HJB2106	13	680450	6060380	CHEMEX	0.2	0.71	10	240	2	1.28	4.0	10	16	114	0.75	500	0.19	20	0.36	750
93HJB2108	13	667200	6066275	CHEMEX	0.1	0.42	14	150	1	0.58	2.0	4	10	63	0.40	460	0.10	5	0.09	65
93HJB2110	13	670550	6061900	CHEMEX	0.1	0.29	8	170	2	0.71	4.0	7	9	63	0.37	400	0.13	5	0.14	570
93HJB2112	13	667660	6057175	CHEMEX	0.1	0.29	6	150	1	0.74	4.0	3	10	57	0.38	600	0.14	5	0.11	3670
93HJB2114	13	665275	6047800	CHEMEX	0.1	0.65	6	100	2	1.81	2.0	4	15	38	0.75	270	0.11	5	0.42	305
93HJB2116	14	312300	6061500	CHEMEX	1.6	0.43	40	190	6	0.83	25.0	12	10	950	1.08	2800	0.19	5	0.18	385
93HJB2118	14	307535	6059175	CHEMEX	0.4	0.25	42	50	2	0.26	8.0	1	9	387	0.43	720	0.11	5	0.06	85
93HJB2123	14	312850	6065700	CHEMEX	1.2	0.27	68	80	4	0.39	15.5	4	9	872	0.76	1300	0.13	5	0.08	60
93HJB2125	14	312850	6081520	CHEMEX	1.2	0.42	38	190	4	0.85	20.5	8	17	721	0.92	2200	0.09	5	0.18	1865
93HJB2127	13	685180	6082815	CHEMEX	0.2	0.45	20	200	2	0.38	7.0	2	15	242	0.70	560	0.11	10	0.13	210
93HJB2129	14	313140	6083400	CHEMEX	0.8	0.11	32	80	2	0.91	12.0	4	5	496	0.38	1200	0.08	5	0.10	160
93HJB2131	13	689475	6062050	CHEMEX	0.1	0.42	36	530	4	2.43	20.5	8	11	485	0.71	1900	0.19	5	0.23	2580
93HJB3000	13	662155	6051728	CHEMEX	0.1	0.19	4	100	1	0.59	1.0	6	7	28	0.23	190	0.18	5	0.14	150
93HJB3002	13	663615	6052762	CHEMEX	0.1	0.36	2	230	1	0.99	1.0	11	12	25	0.59	220	0.15	5	0.23	1085
93HJB3004	13	665302	6050308	CHEMEX	0.1	0.54	10	160	2	1.56	2.0	5	15	40	0.70	440	0.20	5	0.30	1345
93HJB3006	13	670880	6042658	CHEMEX	0.1	0.41	8	330	1	2.45	4.5	5	13	66	0.64	460	0.14	5	0.21	2295
93HJB3008	13	669975	6042325	CHEMEX	0.1	0.19	1	100	1	1.32	1.5	4	8	30	0.23	340	0.16	5	0.15	470
93HJB3010	13	671680	6050780	CHEMEX	0.1	1.11	12	470	1	0.90	1.0	27	34	51	1.49	240	0.20	5	0.40	3340
93HJB3012	13	671000	6047850	CHEMEX	0.1	0.38	8	250	2	1.55	3.0	7	15	58	0.58	380	0.15	5	0.23	975
93HJB3014	13	670560	6049075	CHEMEX	0.1	1.35	4	280	2	0.89	1.0	17	47	35	1.70	200	0.22	5	0.58	905
93HJB3016	13	674220	6050610	CHEMEX	0.1	0.19	1	270	2	1.57	4.0	2	9	47	0.26	380	0.17	5	0.26	1370
93HJB3018	13	672065	6052730	CHEMEX	0.1	1.11	14	440	2	0.64	1.5	24	37	54	1.27	310	0.16	10	0.34	1025
93HJB3020	13	666870	6044510	CHEMEX	0.1	0.85	4	120	4	1.94	1.0	4	26	27	1.04	180	0.22	5	0.59	415
93HJB3022	13	669485	6047550	CHEMEX	0.1	0.33	6	310	1	2.18	6.0	3	12	57	0.42	380	0.18	5	0.19	1860
93HJB3024	13	672375	6047630	CHEMEX	0.2	0.41	6	250	1	1.55	4.0	10	12	70	0.63	380	0.17	5	0.16	1335
93HJB3026	13	675745	6066770	CHEMEX	0.6	1.24	22	410	1	0.82	1.5	20	33	83	1.45	920	0.28	20	0.39	1265
93HJB3028	13	687925	6059825	CHEMEX	0.1	0.64	22	430	1	1.73	14.0	10	19	271	1.04	1000	0.11	5	0.30	4570
93HJB3032	13	681660	6062957	CHEMEX	0.1	0.56	12	90	2	0.40	2.5	6	37	73	0.91	340	0.09	5	0.26	295
93HJB3034	13	669997	6066623	CHEMEX	0.1	0.25	4	170	2	1.16	4.0	6	8	70	0.33	400	0.16	5	0.19	2145
93HJB3036	13	662620	6067920	CHEMEX	0.1	0.21	2	240	1	1.01	1.5	4	8	34	0.31	340	0.14	5	0.10	850
93HJB3038	13	664771	6065074	CHEMEX	0.1	0.51	10	210	1	1.12	3.0	4	13	59	0.72	440	0.16	5	0.17	825

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB2063	0.5	0.005	5	810	244	2	0.5	35	0.01	12	1170
93HJB2065	0.5	0.005	7	1220	306	2	0.5	42	0.01	10	2208
93HJB2067	0.5	0.005	8	1330	420	2	0.5	40	0.01	9	2018
93HJB2069	0.5	0.005	4	710	198	2	0.5	24	0.005	4	922
93HJB2071	0.5	0.005	9	870	192	2	1	24	0.01	8	618
93HJB2073	2	0.01	14	850	760	8	4	18	0.03	34	10000
93HJB2075	1	0.005	8	1150	1606	14	1	19	0.01	16	10000
93HJB2077	0.5	0.005	17	1000	194	2	1	35	0.01	13	486
93HJB2079	0.5	0.005	6	740	100	1	0.5	16	0.02	13	290
93HJB2081	3	0.005	10	1260	128	1	1	56	0.02	14	928
93HJB2083	0.5	0.005	9	1160	78	1	0.5	53	0.005	7	460
93HJB2086	0.5	0.005	11	700	82	1	0.5	46	0.01	11	148
93HJB2089	0.5	0.01	9	910	566	2	1	21	0.01	12	1072
93HJB2091	0.5	0.005	7	890	158	1	0.5	39	0.01	8	676
93HJB2093	0.5	0.005	6	990	488	4	0.5	18	0.005	4	2746
93HJB2098	0.5	0.005	6	1030	150	1	0.5	28	0.005	6	384
93HJB2100	0.5	0.005	7	800	246	1	0.5	17	0.005	6	416
93HJB2102	0.5	0.005	7	1090	904	6	1	26	0.01	13	5920
93HJB2104	0.5	0.005	9	980	1296	8	1	34	0.01	14	5396
93HJB2106	0.5	0.005	18	1020	148	2	2	82	0.02	15	576
93HJB2108	0.5	0.005	9	850	108	1	1	25	0.005	7	210
93HJB2110	0.5	0.005	6	1300	118	1	0.5	33	0.005	8	326
93HJB2112	1	0.005	6	1200	104	1	0.5	23	0.005	8	422
93HJB2114	0.5	0.005	7	600	100	1	1	14	0.01	13	198
93HJB2116	0.5	0.005	7	1070	716	6	1	40	0.01	11	5062
93HJB2118	0.5	0.005	4	600	534	4	0.5	16	0.005	6	1192
93HJB2123	0.5	0.005	7	790	664	6	0.5	17	0.005	7	3588
93HJB2125	0.5	0.005	8	840	612	4	1	46	0.01	12	4372
93HJB2127	0.5	0.005	8	700	266	1	1	26	0.01	12	1010
93HJB2129	0.5	0.005	7	930	314	2	0.5	33	0.005	2	3364
93HJB2131	0.5	0.005	12	1290	554	2	0.5	70	0.005	10	3162
93HJB3000	0.5	0.005	6	1380	38	1	0.5	47	0.005	4	146
93HJB3002	0.5	0.005	8	1090	46	1	0.5	65	0.01	9	156
93HJB3004	0.5	0.005	7	1150	130	1	1	17	0.01	14	202
93HJB3006	0.5	0.005	7	990	118	1	1	44	0.01	11	564
93HJB3008	0.5	0.005	4	1290	46	1	0.5	45	0.005	3	180
93HJB3010	0.5	0.005	22	1430	58	1	2	34	0.03	29	180
93HJB3012	0.5	0.005	7	1060	116	1	1	63	0.01	11	314
93HJB3014	0.5	0.01	18	1080	82	1	4	32	0.08	38	180
93HJB3016	0.5	0.005	6	1350	56	1	0.5	60	0.005	4	666
93HJB3018	0.5	0.005	19	1180	128	1	3	36	0.04	28	204
93HJB3020	0.5	0.01	11	1260	46	1	2	13	0.03	22	134
93HJB3022	0.5	0.005	7	1180	116	1	1	53	0.01	9	610
93HJB3024	0.5	0.005	10	1220	146	1	1	54	0.01	11	300
93HJB3026	0.5	0.01	19	1390	96	1	3	51	0.03	29	264
93HJB3028	0.5	0.005	10	1060	454	1	1	47	0.01	23	1490
93HJB3032	0.5	0.005	17	650	136	1	1	32	0.02	19	278
93HJB3034	0.5	0.005	7	1150	128	1	0.5	34	0.005	6	478
93HJB3036	0.5	0.005	6	1100	50	1	0.5	49	0.005	6	226
93HJB3038	0.5	0.005	8	1140	104	1	1	23	0.01	17	312

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93HJB3040	13	667068	6065209	CHEMEX	0.1	0.54	10	290	1	0.57	4.0	8	10	81	0.61	540	0.14	5	0.11	620
93HJB3042	13	663929	6044071	CHEMEX	0.1	0.35	8	120	1	1.35	2.0	2	10	37	0.44	400	0.17	5	0.17	310
93HJB3044	13	679930	6064545	CHEMEX	0.1	0.29	16	90	1	0.28	6.0	1	7	133	0.38	600	0.13	5	0.07	75
93HJB3046	13	673300	6068505	CHEMEX	0.1	0.17	12	100	1	0.10	2.0	2	8	37	0.15	300	0.04	5	0.03	30
93HJB3048	13	663753	6059788	CHEMEX	0.1	0.51	12	70	1	0.41	2.0	1	10	59	0.50	520	0.11	5	0.08	115
93HJB3050	13	667901	6051776	CHEMEX	0.1	0.19	2	110	1	0.70	2.5	1	11	34	0.19	520	0.18	5	0.06	460
93HJB3052	13	667652	6046404	CHEMEX	0.1	0.70	8	120	2	4.27	1.5	4	17	27	0.68	300	0.08	5	0.70	410
93HJB3054	14	310890	6051625	CHEMEX	0.1	0.76	36	190	1	1.28	5.5	7	17	212	1.02	500	0.16	5	0.25	2585
93HJB3056	14	311820	6051785	CHEMEX	0.1	0.35	30	80	2	1.16	6.0	2	9	163	0.53	520	0.10	5	0.20	210
93HJB3058	14	314530	6052595	CHEMEX	0.1	0.46	16	80	4	1.59	6.5	4	11	178	0.67	860	0.10	5	0.42	925
93HJB3060	14	315615	6053575	CHEMEX	0.1	1.07	26	280	4	1.00	4.0	10	20	201	1.31	840	0.11	10	0.31	1520
93HJB3063	13	688760	6059875	CHEMEX	0.4	0.65	24	200	2	0.80	7.5	17	19	231	0.94	840	0.18	5	0.27	1150
93HJB3065	13	688600	6056590	CHEMEX	0.1	0.25	18	40	2	0.76	5.0	4	10	133	0.34	600	0.14	5	0.15	355
93HJB4000	13	669625	6087900	CHEMEX	0.8	0.57	6	270	1	0.67	1.5	15	12	55	0.54	250	0.17	10	0.15	1205
93HJB4002	13	670850	6089275	CHEMEX	0.2	0.51	8	70	1	0.35	2.0	3	10	36	0.51	250	0.14	10	0.15	315
93HJB4004	13	671000	6090775	CHEMEX	0.1	0.22	4	70	1	0.72	2.0	1	3	34	0.22	350	0.15	5	0.15	315
93HJB4006	13	671475	6095950	CHEMEX	1.2	0.39	4	90	1	0.14	1.5	2	7	36	0.33	450	0.10	5	0.08	75
93HJB4008	13	672975	6097400	CHEMEX	0.6	0.46	8	280	1	0.86	3.5	6	8	68	0.40	700	0.16	5	0.13	1190
93HJB4010	13	673925	6097750	CHEMEX	0.4	2.07	14	270	1	0.20	1.0	51	21	90	1.31	380	0.15	30	0.13	830
93HJB4012	13	671000	6091775	CHEMEX	0.2	0.71	4	190	2	0.83	4.0	6	22	121	0.78	340	0.19	5	0.24	450
93HJB4014	13	669725	6093550	CHEMEX	0.1	0.40	18	350	1	1.41	14.0	7	11	162	0.40	800	0.19	5	0.16	5580
93HJB4016	13	668625	6092775	CHEMEX	0.1	0.32	6	220	1	0.64	2.0	3	14	54	0.40	560	0.13	5	0.09	1480
93HJB4018	13	668250	6091000	CHEMEX	0.2	1.23	4	160	1	0.71	0.5	12	32	33	1.31	200	0.18	5	0.34	285
93HJB4020	13	670825	6093550	CHEMEX	1.4	0.34	6	130	1	0.39	3.5	2	14	56	0.46	560	0.17	5	0.11	715
93HJB4022	13	683125	6095400	CHEMEX	0.1	0.20	12	100	2	0.48	3.5	1	9	116	0.31	860	0.14	5	0.06	355
93HJB4024	13	682750	6094400	CHEMEX	0.1	0.58	8	70	1	0.14	2.0	5	24	90	0.84	480	0.12	5	0.16	70
93HJB4026	13	682525	6093175	CHEMEX	0.1	0.59	16	100	1	0.26	4.5	7	18	125	0.85	760	0.16	5	0.12	375
93HJB4028	13	681750	6092050	CHEMEX	0.1	0.33	16	200	1	0.77	7.0	8	10	146	0.47	760	0.17	5	0.13	945
93HJB4030	13	684975	6095375	CHEMEX	0.2	0.62	18	220	2	0.40	3.5	8	17	95	0.78	760	0.22	5	0.24	325
93HJB4032	13	684050	6096650	CHEMEX	0.1	0.82	14	120	2	0.19	4.0	6	30	92	1.16	540	0.15	10	0.27	130
93HJB4034	13	683125	6094000	CHEMEX	0.1	0.38	14	270	1	0.62	3.5	6	10	113	0.50	360	0.07	5	0.10	40
93HJB4036	13	682795	6029100	CHEMEX	0.1	0.30	16	120	2	0.24	6.0	2	8	175	0.37	1040	0.11	5	0.06	115
93HJB4038	13	682875	6092100	CHEMEX	0.4	0.75	14	140	2	0.16	6.0	3	22	185	0.95	1040	0.15	5	0.16	195
93HJB4040	13	692150	6089600	CHEMEX	0.2	0.24	24	220	1	0.58	12.0	6	9	348	0.51	880	0.12	5	0.09	435
93HJB4042	13	691750	6090650	CHEMEX	0.4	0.43	30	150	2	0.33	11.0	3	15	357	0.77	1300	0.14	5	0.12	495
93HJB4044	13	691650	6090625	CHEMEX	0.2	0.35	22	90	1	0.29	7.0	2	9	286	0.50	1140	0.13	5	0.07	135
93HJB4046	14	309225	6094900	CHEMEX	0.1	0.23	8	140	1	0.34	6.0	2	8	171	0.39	1160	0.18	5	0.07	295
93HJB4048	14	308200	6095700	CHEMEX	0.1	0.46	12	70	1	0.18	4.5	2	14	132	0.66	660	0.13	5	0.11	90
93HJB4050	13	691450	6094075	CHEMEX	0.1	0.51	12	180	1	0.74	5.5	6	12	170	0.88	1100	0.11	5	0.11	1100
93HJB4052	14	308275	6093300	CHEMEX	0.4	0.86	20	550	1	1.17	4.5	47	24	145	1.26	600	0.24	5	0.38	5135
93HJB4054	14	311800	6087350	CHEMEX	0.4	0.25	14	590	1	0.77	17.0	17	8	435	0.64	1280	0.15	5	0.14	4890
93HJB4056	14	312075	6086075	CHEMEX	1.0	0.34	26	130	2	0.40	13.0	3	8	545	0.73	2000	0.20	5	0.09	355
93HJB4058	14	313400	6086050	CHEMEX	1.0	0.62	28	110	1	0.16	6.5	3	13	331	0.78	1260	0.14	5	0.10	60
93HJB4060	14	312225	6087350	CHEMEX	0.2	0.32	32	490	1	1.81	21.5	5	8	503	0.53	1060	0.16	5	0.14	3580
93HJB4062	14	314800	6086600	CHEMEX	0.4	0.39	18	220	1	0.42	6.5	5	10	275	0.63	1160	0.14	5	0.11	130
93HJB4064	13	692450	6065725	CHEMEX	0.2	0.36	6	110	2	1.76	13.0	4	14	261	0.58	3500	0.16	5	0.45	575
93HJB4066	14	308850	6068325	CHEMEX	1.8	0.64	38	60	2	0.34	13.5	6	22	505	1.27	2000	0.10	5	0.26	140
93HJB4068	13	692900	6058925	CHEMEX	0.1	0.52	18	150	1	0.37	7.0	8	15	221	0.82	740	0.11	10	0.17	460
93HJB4070	13	691850	6059950	CHEMEX	0.1	0.49	28	120	1	0.29	7.0	1	12	183	0.47	500	0.06	5	0.06	100
93HJB4072	14	312100	6068500	CHEMEX	2.4	0.79	86	230	4	0.51	35.0	9	20	1538	1.71	3500	0.07	10	0.20	180

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB3040	0.5	0.005	9	1520	180	1	0.5	27	0.005	11	416
93HJB3042	0.5	0.005	5	990	70	1	1	23	0.01	9	214
93HJB3044	0.5	0.005	4	920	222	2	0.5	24	0.005	6	620
93HJB3046	0.5	0.005	4	390	70	1	0.5	35	0.005	2	128
93HJB3048	0.5	0.005	6	940	134	1	0.5	20	0.01	10	284
93HJB3050	0.5	0.005	6	1170	46	1	0.5	25	0.005	4	246
93HJB3052	0.5	0.01	8	610	22	1	2	22	0.01	16	50
93HJB3054	1	0.005	11	860	360	1	2	17	0.01	17	656
93HJB3056	0.5	0.005	4	680	268	2	1	14	0.005	9	600
93HJB3058	0.5	0.005	6	910	188	1	1	22	0.01	11	912
93HJB3060	0.5	0.01	16	1040	272	2	3	53	0.01	23	614
93HJB3063	0.5	0.005	18	1350	446	2	1	39	0.01	15	1086
93HJB3065	0.5	0.005	6	910	212	2	0.5	34	0.005	6	726
93HJB4000	0.5	0.01	14	880	126	1	1	42	0.03	11	138
93HJB4002	0.5	0.01	6	650	56	1	1	21	0.04	12	222
93HJB4004	0.5	0.01	2	830	46	1	0.5	35	0.01	4	200
93HJB4006	0.5	0.01	5	790	68	1	1	27	0.01	6	144
93HJB4008	0.5	0.005	7	1090	120	1	1	37	0.02	8	378
93HJB4010	1	0.005	18	3440	66	1	1	23	0.005	13	156
93HJB4012	1	0.01	15	890	46	1	2	47	0.02	14	376
93HJB4014	1	0.005	15	1400	292	2	1	70	0.005	8	1290
93HJB4016	0.5	0.005	8	1000	104	1	1	28	0.01	9	268
93HJB4018	0.5	0.03	20	1030	42	1	3	44	0.10	52	134
93HJB4020	1	0.01	6	1320	82	1	1	21	0.01	10	328
93HJB4022	0.5	0.01	4	1220	126	1	0.5	22	0.005	5	562
93HJB4024	0.5	0.005	19	870	60	1	0.5	13	0.02	22	332
93HJB4026	0.5	0.005	8	1110	196	1	1	20	0.03	15	524
93HJB4028	0.5	0.005	8	1200	170	1	0.5	48	0.01	8	836
93HJB4030	0.5	0.005	14	1290	110	1	2	41	0.03	15	528
93HJB4032	0.5	0.01	14	810	122	2	2	22	0.06	27	402
93HJB4034	0.5	0.005	17	750	150	1	1	63	0.01	9	222
93HJB4036	0.5	0.005	7	1050	204	2	0.5	29	0.005	4	852
93HJB4038	0.5	0.01	8	1090	226	1	1	12	0.03	17	752
93HJB4040	0.5	0.005	6	880	420	2	0.5	46	0.01	9	1228
93HJB4042	1	0.005	7	1130	358	2	1	22	0.01	11	1508
93HJB4044	0.5	0.005	6	1020	396	2	0.5	19	0.005	7	1182
93HJB4046	0.5	0.005	5	1370	152	1	0.5	17	0.005	5	1004
93HJB4048	15	0.01	6	1030	170	1	1	15	0.02	10	596
93HJB4050	0.5	0.005	8	1480	148	2	1	35	0.01	12	1052
93HJB4052	1	0.005	26	1260	134	2	2	60	0.06	26	946
93HJB4054	1	0.005	16	1290	486	2	0.5	65	0.005	6	2652
93HJB4056	0.5	0.005	6	1430	480	4	0.5	24	0.005	7	2520
93HJB4058	0.5	0.005	8	1080	308	4	0.5	19	0.01	11	1250
93HJB4060	0.5	0.005	8	1260	530	2	0.5	75	0.005	7	2990
93HJB4062	0.5	0.005	9	1310	290	2	0.5	33	0.005	10	1398
93HJB4064	0.5	0.005	10	1260	104	1	0.5	65	0.01	9	3380
93HJB4066	1	0.01	10	510	352	2	2	16	0.03	19	2882
93HJB4068	0.5	0.005	9	770	188	1	1	30	0.01	12	992
93HJB4070	0.5	0.005	4	600	204	1	0.5	22	0.005	7	834
93HJB4072	0.5	0.005	9	840	1360	6	1	26	0.02	16	5548

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93HJB4074	14	314950	6064100	CHEMEX	1.6	0.49	48	410	4	1.03	32.5	11	31	1137	1.41	2600	0.16	5	0.33	2385
93HJB4076	14	315700	6066975	CHEMEX	3.6	0.31	92	250	6	1.43	57.0	16	10	2213	1.64	4300	0.12	5	0.17	1290
93HJB4078	14	311400	6097410	CHEMEX	0.2	0.48	8	310	1	0.34	4.5	4	21	135	0.90	400	0.10	10	0.15	355
93HJB4080	14	309550	6091700	CHEMEX	0.1	0.80	14	350	1	0.09	5.5	3	24	166	1.19	180	0.06	30	0.08	65
93HJB4082	13	688000	6076350	CHEMEX	0.2	0.40	58	120	1	0.27	7.0	1	7	250	0.44	560	0.06	5	0.04	75
93HJB4084	13	681325	6076700	CHEMEX	0.1	1.08	20	220	1	0.78	6.5	52	9	215	0.85	880	0.07	10	0.14	3190
93HJB4086	13	677775	6077000	CHEMEX	0.1	0.30	18	120	1	0.34	4.5	2	9	112	0.40	540	0.10	5	0.07	110
93HJB4088	13	668525	6077510	CHEMEX	0.1	0.45	14	120	1	0.30	1.5	1	12	57	0.50	540	0.09	5	0.07	105
93HJB4090	13	687723	6052595	CHEMEX	0.1	0.30	14	70	2	0.53	4.5	7	15	89	0.45	520	0.09	5	0.18	145
93HJB4093	13	686022	6050386	CHEMEX	0.1	0.53	12	80	1	0.81	2.0	10	20	73	0.94	340	0.09	5	0.24	280
93HJB4095	13	686703	6052604	CHEMEX	1.2	0.37	12	280	1	1.33	4.5	19	13	147	0.64	560	0.14	5	0.23	2330
93HJB4099	13	687634	6048225	CHEMEX	0.2	0.85	12	70	2	0.34	3.5	6	24	97	1.04	580	0.15	5	0.26	225
93HJB4101	13	692600	6071350	CHEMEX	2.4	1.00	70	290	2	0.69	17.5	30	15	884	1.77	3300	0.21	10	0.16	995
93HJB4103	13	694075	6070700	CHEMEX	1.2	0.95	58	90	2	0.27	14.5	5	26	637	1.60	4200	0.07	5	0.20	160
93HJB4105	13	676625	6080850	CHEMEX	0.1	0.37	18	90	1	0.22	5.0	1	12	159	0.54	1000	0.12	5	0.08	90
93HJB4107	13	684350	6088650	CHEMEX	0.1	0.45	12	170	1	0.22	6.5	3	13	165	0.64	660	0.11	5	0.11	150
93HJB4109	13	684875	6086800	CHEMEX	0.1	0.32	36	160	1	0.62	7.5	2	8	261	0.40	840	0.08	5	0.07	445
93HJB4111	14	310400	6077725	CHEMEX	2.2	0.31	116	290	6	0.51	53.5	10	10	2456	1.30	3600	0.07	5	0.08	2045
93HJB4113	13	666167	6071924	CHEMEX	0.1	0.74	10	120	1	0.69	3.0	5	21	73	1.03	1000	0.14	5	0.24	1570
93HJB4115	13	668473	6071873	CHEMEX	0.1	0.22	2	210	1	0.86	4.0	3	7	58	0.26	600	0.15	5	0.08	720
93HJB4117	13	665165	6073803	CHEMEX	0.1	0.33	6	130	1	1.39	1.5	11	6	45	0.44	340	0.17	5	0.12	525
93HJB4119	13	662532	6072998	CHEMEX	0.1	0.40	8	310	1	0.35	3.0	2	6	66	0.41	440	0.12	5	0.06	365
93HJB4121	13	672872	6078513	CHEMEX	0.1	0.77	16	120	1	0.13	2.0	2	8	59	0.65	540	0.13	5	0.06	160
93HJB4123	13	680746	6095448	CHEMEX	0.1	0.70	22	110	1	0.04	2.0	1	9	77	0.56	400	0.09	5	0.04	45
93HJB4125	13	678031	6097936	CHEMEX	0.1	0.52	12	340	1	0.11	3.0	2	9	85	0.49	380	0.06	5	0.04	40
93HJB4127	13	678292	6096341	CHEMEX	0.1	0.26	12	190	1	0.61	3.5	1	9	95	0.34	600	0.07	5	0.06	385
93HJB4129	13	675580	6097550	CHEMEX	0.1	0.27	6	150	1	0.19	3.0	1	11	57	0.36	440	0.09	5	0.06	55
93HJB4130	13	675783	6097475	CHEMEX	0.1	0.31	18	120	2	0.14	3.5	1	9	94	0.30	460	0.08	5	0.06	50
93HJB4132	13	673925	6092250	CHEMEX	0.2	0.70	8	240	2	0.16	3.5	4	16	99	0.71	460	0.08	20	0.11	50
93HJB4134	13	689200	6066900	CHEMEX	0.4	0.31	64	250	2	1.11	15.0	3	12	500	0.51	860	0.11	5	0.20	1410
93JC0002	13	638966	6082010	CHEMEX	0.1	0.29	6	40	1	0.53	1.0	1	19	16	0.29	200	0.08	5	0.10	75
93JC0004	13	636744	6079511	CHEMEX	0.1	0.29	2	40	1	0.22	0.5	1	13	10	0.36	160	0.06	10	0.07	50
93JC0006	13	638205	6079537	CHEMEX	0.1	0.16	2	90	1	0.79	0.5	2	9	15	0.16	240	0.08	5	0.11	50
93JC0008	13	644960	6068731	CHEMEX	0.1	0.67	2	230	1	0.42	1.0	7	20	24	0.84	200	0.17	5	0.18	420
93JC0010	13	645225	6070326	CHEMEX	0.1	0.32	2	120	1	0.52	1.0	2	11	23	0.27	340	0.10	5	0.11	170
93JC0012	13	646400	6072701	CHEMEX	0.1	0.69	6	120	1	0.48	1.0	2	17	20	0.58	320	0.11	5	0.13	500
93JC0015	13	647000	6074440	CHEMEX	0.1	0.46	2	210	1	0.36	1.5	3	12	33	0.44	160	0.07	5	0.07	175
93JC0017	13	652900	6063800	CHEMEX	0.1	0.77	6	110	1	0.92	1.0	4	17	23	0.68	220	0.17	10	0.27	150
93JC0020	13	652090	6069970	CHEMEX	0.1	2.47	12	260	1	0.67	0.5	65	65	38	3.66	120	0.30	10	0.70	2095
93JC0022	13	652950	6072090	CHEMEX	0.1	0.19	2	80	1	0.73	0.5	1	9	15	0.20	240	0.08	5	0.07	145
93JC0025	13	655150	6075230	CHEMEX	0.1	0.74	6	80	1	0.66	1.0	7	21	31	0.91	280	0.10	5	0.22	385
93JC0027	13	655000	6075330	CHEMEX	0.1	0.31	8	90	1	0.65	2.0	3	10	35	0.35	360	0.09	5	0.07	135
93JC0029	13	637945	6066401	CHEMEX	0.1	0.72	8	500	1	0.74	2.0	23	21	55	0.89	120	0.13	10	0.18	3990
93JC0031	13	640950	6060185	CHEMEX	0.1	0.52	8	290	1	0.16	1.0	2	11	23	0.53	180	0.08	5	0.06	65
93JC0033	13	641250	6068203	CHEMEX	0.1	0.78	2	150	1	0.26	0.5	8	17	21	0.67	370	0.12	10	0.15	130
93JC0035	13	644520	6065960	CHEMEX	0.1	0.54	8	350	1	1.92	2.0	3	14	39	0.56	520	0.17	5	0.18	1685
93JC0037	13	641540	6065830	CHEMEX	0.1	0.27	4	310	1	0.89	0.5	2	14	15	0.34	280	0.12	5	0.11	280
93JC0039	13	643550	6062050	CHEMEX	0.1	0.47	2	270	1	1.04	1.0	7	19	17	0.55	280	0.18	5	0.24	705
93JC0041	13	641860	6058265	CHEMEX	0.1	0.30	2	110	1	0.28	1.0	2	14	14	0.36	220	0.09	5	0.13	50
93JC0043	13	659820	6094300	CHEMEX	0.1	0.27	12	80	1	0.37	1.0	2	10	33	0.30	220	0.07	5	0.06	35

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB4074	2	0.005	14	1120	1088	4	1	43	0.02	13	5874
93HJB4076	1	0.005	7	1220	1438	6	0.5	45	0.005	9	9596
93HJB4078	0.5	0.005	10	690	170	1	1	28	0.02	20	594
93HJB4080	0.5	0.005	16	560	102	1	1	15	0.03	26	308
93HJB4082	0.5	0.005	8	730	228	2	1	19	0.005	6	1022
93HJB4084	0.5	0.005	12	1400	276	1	0.5	27	0.005	12	882
93HJB4086	0.5	0.005	6	760	144	1	0.5	23	0.005	7	416
93HJB4088	0.5	0.005	6	900	116	1	0.5	21	0.01	9	228
93HJB4090	0.5	0.005	10	820	106	1	0.5	32	0.01	8	526
93HJB4093	0.5	0.005	11	640	96	1	1	29	0.03	21	264
93HJB4095	0.5	0.005	18	1370	238	1	0.5	56	0.01	11	508
93HJB4099	0.5	0.005	12	650	154	1	2	18	0.03	22	454
93HJB4101	2	0.005	11	1890	400	4	2	31	0.01	13	3168
93HJB4103	1	0.005	9	520	412	4	2	17	0.06	28	3090
93HJB4105	0.5	0.005	6	990	244	1	0.5	15	0.01	10	608
93HJB4107	0.5	0.01	7	990	174	2	1	24	0.01	9	802
93HJB4109	0.5	0.005	6	890	286	1	0.5	26	0.005	6	952
93HJB4111	1	0.005	6	1060	2418	14	0.5	24	0.005	8	6576
93HJB4113	0.5	0.005	9	850	102	1	2	13	0.04	23	396
93HJB4115	0.5	0.005	6	1370	70	1	0.5	37	0.005	4	448
93HJB4117	0.5	0.005	8	1420	68	1	0.5	39	0.005	6	190
93HJB4119	0.5	0.005	7	1070	118	1	0.5	21	0.005	6	262
93HJB4121	0.5	0.005	8	1600	82	2	0.5	11	0.005	7	258
93HJB4123	0.5	0.005	6	860	140	2	0.5	8	0.005	8	186
93HJB4125	0.5	0.005	6	640	98	1	0.5	30	0.005	7	188
93HJB4127	0.5	0.005	5	730	198	1	0.5	28	0.005	6	302
93HJB4129	0.5	0.005	4	620	106	1	0.5	28	0.01	8	206
93HJB4130	0.5	0.005	7	730	160	1	0.5	26	0.005	5	350
93HJB4132	0.5	0.005	15	800	140	1	1	23	0.02	12	250
93HJB4134	0.5	0.005	6	880	692	4	1	37	0.005	8	1936
93JC0002	0.5	0.005	6	590	48	1	0.5	22	0.01	6	56
93JC0004	0.5	0.005	4	350	24	1	0.5	19	0.01	7	40
93JC0006	0.5	0.005	7	910	36	1	0.5	57	0.005	3	44
93JC0008	0.5	0.005	10	910	36	1	1	34	0.03	18	86
93JC0010	0.5	0.005	8	1140	30	1	0.5	42	0.005	6	100
93JC0012	0.5	0.005	9	930	38	1	1	29	0.02	12	130
93JC0015	0.5	0.005	9	620	54	1	0.5	32	0.01	7	94
93JC0017	0.5	0.01	15	1260	18	1	2	61	0.01	11	76
93JC0020	0.5	0.02	36	1310	24	1	6	51	0.08	97	76
93JC0022	0.5	0.005	4	840	24	1	0.5	44	0.005	4	100
93JC0025	0.5	0.005	11	800	50	1	2	23	0.04	29	148
93JC0027	1	0.005	8	820	82	1	0.5	26	0.01	7	132
93JC0029	0.5	0.005	16	970	88	1	2	49	0.02	15	310
93JC0031	0.5	0.01	7	730	34	1	0.5	36	0.005	7	42
93JC0033	0.5	0.005	13	1210	48	1	2	41	0.01	11	106
93JC0035	0.5	0.005	8	1050	162	1	1	93	0.01	12	198
93JC0037	0.5	0.005	8	940	48	1	0.5	48	0.005	7	42
93JC0039	1	0.005	12	1070	60	1	1	76	0.01	11	76
93JC0041	0.5	0.005	8	840	52	1	0.5	12	0.005	6	60
93JC0043	0.5	0.005	6	750	74	1	0.5	35	0.005	5	88

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93JC0045	13	658550	6091550	CHEMEX	0.1	0.44	1	220	1	1.32	2.0	13	14	34	0.42	300	0.24	5	0.34	1415
93JC0047	13	658500	6087660	CHEMEX	0.1	0.27	1	110	1	1.41	3.5	7	13	47	0.24	450	0.16	5	0.18	605
93JC0050	13	659845	6085700	CHEMEX	0.1	0.64	12	290	1	0.08	1.5	4	19	37	0.87	160	0.10	5	0.09	65
93JC0052	13	672880	6039812	CHEMEX	0.1	0.39	6	230	1	0.49	1.5	2	14	34	0.56	300	0.14	5	0.18	185
93JC0054	13	675275	6041600	CHEMEX	0.1	0.76	6	90	1	0.38	1.0	7	24	27	1.09	160	0.08	5	0.26	185
93JC0058	13	675225	6036880	CHEMEX	0.4	0.59	8	140	1	1.00	1.0	5	23	34	0.90	140	0.24	5	0.25	360
93JC0060	13	677615	6038335	CHEMEX	0.6	1.19	14	140	1	1.46	0.5	10	30	44	1.20	220	0.25	5	0.52	1290
93JC0062	13	681985	6041348	CHEMEX	0.2	0.47	14	160	1	0.89	2.0	2	17	48	0.57	340	0.12	5	0.19	235
93JC0064	13	679770	6034840	CHEMEX	0.1	0.30	6	60	1	0.35	1.5	1	11	34	0.34	430	0.10	5	0.08	90
93JC0066	13	681560	6038525	CHEMEX	0.1	0.86	16	310	1	1.38	4.0	21	23	64	1.01	360	0.19	5	0.29	2900
93JC0068	13	693340	6036480	CHEMEX	0.1	0.29	16	40	1	1.25	1.5	1	10	51	0.34	310	0.06	5	0.17	35
93JC0070	13	691095	6037435	CHEMEX	0.1	0.33	6	50	1	0.69	4.0	2	12	45	0.41	300	0.12	5	0.20	40
93JC0072	13	690555	6041228	CHEMEX	0.2	0.66	12	180	1	0.99	1.5	7	13	50	0.73	310	0.16	5	0.23	715
93JC0074	13	693720	6042430	CHEMEX	0.1	0.26	12	80	1	1.71	2.0	2	11	54	0.39	260	0.12	5	0.27	595
93JC0076	14	308160	6042520	CHEMEX	0.1	0.39	12	80	1	1.73	3.0	3	11	97	0.45	310	0.11	5	0.25	615
93JC0078	13	689644	6032454	CHEMEX	0.1	0.18	6	60	1	0.74	1.5	1	9	32	0.20	360	0.11	5	0.17	360
93JC0080	13	688161	6035980	CHEMEX	0.1	1.05	8	120	1	7.50	0.5	7	26	29	1.26	140	0.16	5	3.93	1410
93MOB0005	14	442543	5997379	CHEMEX	0.1	0.64	4	140	1	3.40	0.5	7	18	17	0.66	200	0.11	5	0.59	725
93MOB0007	14	458927	5996929	CHEMEX	0.1	0.83	2	70	1	1.31	0.5	4	19	10	0.89	140	0.08	5	0.38	375
93MOB0009	14	452792	5995076	CHEMEX	0.1	0.90	4	120	1	1.33	0.5	3	16	9	1.07	120	0.10	5	0.33	1035
93MOB0012	14	450386	6007798	CHEMEX	0.1	0.81	4	100	1	0.92	0.5	4	18	7	0.84	100	0.09	5	0.27	695
93MOB0015	14	396119	6010305	CHEMEX	0.1	0.86	1	100	1	2.33	0.5	6	22	23	0.85	120	0.06	5	0.70	480
93MOB0020	14	392250	6003887	CHEMEX	0.1	0.51	8	70	1	2.82	1.0	3	14	25	0.58	260	0.11	5	0.80	450
93MOB0025	14	350273	5989115	CHEMEX	0.1	0.33	1	90	1	5.38	0.25	3	9	10	0.32	100	0.02	5	0.77	450
93MOB0027	14	349429	5992307	CHEMEX	0.1	0.50	4	40	1	3.39	0.5	2	13	13	0.53	120	0.06	5	0.61	115
93MOB0030	14	347659	5997180	CHEMEX	0.1	0.48	2	70	1	3.59	0.25	3	12	12	0.51	120	0.06	5	0.66	475
93MOB0032	14	383791	5994607	CHEMEX	0.1	1.02	4	110	1	1.30	0.5	5	28	13	1.00	100	0.08	5	0.50	710
93MOB0034	14	346832	5999678	CHEMEX	0.1	1.52	4	120	1	1.47	1.5	7	35	44	1.44	190	0.26	5	0.56	560
93MOB0036	14	339073	5998634	CHEMEX	0.1	0.30	1	70	1	3.24	1.0	6	13	17	0.32	230	0.10	5	0.64	1055
93MOB0038	14	350090	6002408	CHEMEX	0.1	0.39	4	40	1	0.65	1.0	1	12	29	0.39	230	0.13	5	0.16	100
93MOB0040	14	349715	5997955	CHEMEX	0.1	0.18	2	40	1	4.26	0.5	1	9	16	0.20	200	0.03	5	0.68	325
93MOB0042	14	352172	5999730	CHEMEX	0.1	0.65	4	80	1	3.30	1.0	3	13	17	0.66	160	0.05	5	0.58	575
93MOB0044	14	351677	6001231	CHEMEX	0.1	0.63	6	80	1	3.34	1.0	3	13	24	0.67	180	0.09	5	0.59	500
93MOB0046	14	353564	6010831	CHEMEX	0.1	0.50	8	80	1	2.97	1.0	3	11	20	0.55	220	0.06	5	0.65	220
93MOB0048	14	351228	6011785	CHEMEX	0.1	0.12	8	10	1	2.89	0.5	1	10	14	0.13	130	0.07	5	0.59	195
93MOB0050	14	346775	6012468	CHEMEX	0.1	0.42	6	30	1	0.83	2.5	1	13	32	0.41	280	0.10	5	0.31	50
93MOB0053	14	345944	6003674	CHEMEX	0.1	1.19	16	110	1	1.63	1.0	8	31	51	1.28	200	0.31	5	0.63	405
93MOB0055	14	337971	6007921	CHEMEX	0.1	0.33	1	160	1	1.96	2.0	2	11	36	0.35	280	0.18	5	0.39	400
93MOB0069	14	355418	6015172	CHEMEX	0.1	0.66	1	60	1	2.40	0.25	3	16	11	0.96	120	0.02	5	0.43	335
93MOB0071	14	360400	6018029	CHEMEX	0.1	0.21	1	70	1	5.61	0.25	2	9	17	0.25	120	0.01	5	0.70	55
93MOB0078	14	348975	6014506	CHEMEX	0.1	0.35	14	50	1	0.66	2.0	1	11	41	0.36	260	0.09	5	0.13	45
93MOB0080	14	345167	6016156	CHEMEX	0.1	1.13	4	130	1	2.35	1.0	8	34	19	1.21	200	0.11	5	0.62	815
93MOB0082	14	343675	6018568	CHEMEX	0.1	0.49	4	60	1	0.66	2.0	2	17	94	0.58	310	0.20	5	0.30	70
93MOB0084	14	340216	6020885	CHEMEX	0.1	0.38	10	50	1	0.60	2.0	4	12	45	0.49	380	0.16	5	0.13	205
93MOB0086	14	337740	6015299	CHEMEX	0.1	0.64	10	160	1	1.87	1.0	4	17	42	0.72	300	0.19	5	0.48	1190
93MOB0088	14	336625	6019200	CHEMEX	0.1	1.20	4	150	1	1.06	2.0	7	31	43	1.26	330	0.29	5	0.40	670
93MOB0090	14	332250	6014800	CHEMEX	0.1	1.00	4	200	1	1.12	1.0	4	22	31	0.90	360	0.27	5	0.28	255
93MOB0092	14	325600	6007000	CHEMEX	0.1	0.80	10	190	1	1.27	2.0	15	23	42	0.77	530	0.22	5	0.37	3590
93MOB0094	14	333000	6018225	CHEMEX	0.1	0.42	6	40	1	1.32	2.0	2	16	47	0.44	340	0.12	5	0.29	130
93MOB0096	14	329850	6015925	CHEMEX	0.1	0.63	14	110	1	1.69	1.5	9	14	43	0.59	350	0.15	5	0.46	845

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93JC0045	1	0.005	12	1550	56	1	1	94	0.01	10	196
93JC0047	0.5	0.005	7	1190	48	1	0.5	80	0.005	6	356
93JC0050	0.5	0.01	11	880	44	1	0.5	29	0.01	16	82
93JC0052	1	0.005	7	790	116	1	1	25	0.01	11	146
93JC0054	1	0.005	14	790	30	1	2	12	0.02	24	42
93JC0058	0.5	0.005	11	1100	78	1	1	14	0.01	18	60
93JC0060	0.5	0.005	21	1140	72	1	3	23	0.03	25	72
93JC0062	0.5	0.005	7	970	114	1	1	23	0.01	14	180
93JC0064	0.5	0.005	4	920	78	1	0.5	8	0.005	7	230
93JC0066	1	0.005	17	1390	124	1	2	35	0.02	20	276
93JC0068	1	0.005	6	800	106	1	0.5	16	0.005	6	122
93JC0070	1	0.005	6	970	70	1	1	13	0.01	7	118
93JC0072	1	0.005	11	1380	112	1	1	32	0.01	12	240
93JC0074	1	0.005	6	1200	84	1	0.5	21	0.005	6	124
93JC0076	0.5	0.005	6	970	214	1	1	14	0.005	8	364
93JC0078	0.5	0.005	4	850	60	1	0.5	13	0.005	3	172
93JC0080	0.5	0.01	17	740	8	1	2	24	0.02	18	74
93MOB0005	0.5	0.005	11	1000	10	1	2	26	0.01	14	16
93MOB0007	0.5	0.005	9	420	18	1	1	13	0.01	14	24
93MOB0009	0.5	0.01	8	260	26	1	1	14	0.02	18	44
93MOB0012	0.5	0.005	9	340	32	1	1	11	0.02	19	40
93MOB0015	0.5	0.005	10	480	8	1	2	17	0.02	15	28
93MOB0020	0.5	0.005	8	620	44	1	1	15	0.005	11	66
93MOB0025	0.5	0.005	4	600	1	1	0.5	30	0.005	4	34
93MOB0027	0.5	0.005	5	490	16	1	1	17	0.005	8	16
93MOB0030	0.5	0.005	4	400	2	1	1	23	0.01	11	12
93MOB0032	0.5	0.005	13	330	14	1	2	15	0.02	17	48
93MOB0034	0.5	0.01	16	460	104	1	3	15	0.03	31	172
93MOB0036	1	0.005	12	1380	30	1	0.5	23	0.005	6	118
93MOB0038	0.5	0.005	7	730	56	1	1	8	0.005	9	110
93MOB0040	0.5	0.005	4	490	20	1	0.5	20	0.005	7	8
93MOB0042	0.5	0.005	6	370	18	1	1	20	0.01	10	26
93MOB0044	0.5	0.005	6	410	24	1	1	19	0.01	11	26
93MOB0046	0.5	0.005	6	460	20	1	1	21	0.005	9	36
93MOB0048	1	0.005	3	690	28	1	0.5	22	0.005	2	46
93MOB0050	0.5	0.005	6	620	68	1	1	16	0.01	10	122
93MOB0053	0.5	0.005	20	1180	72	1	3	29	0.03	28	172
93MOB0055	0.5	0.005	10	1370	48	2	0.5	25	0.005	8	276
93MOB0069	0.5	0.005	6	340	2	1	2	15	0.01	12	16
93MOB0071	0.5	0.005	6	680	1	1	0.5	28	0.005	6	2
93MOB0078	0.5	0.005	6	590	90	1	0.5	12	0.005	8	152
93MOB0080	0.5	0.005	15	430	10	1	3	22	0.03	21	44
93MOB0082	0.5	0.005	10	730	74	1	1	12	0.01	11	170
93MOB0084	1	0.005	9	1160	92	1	1	11	0.005	9	112
93MOB0086	0.5	0.005	9	760	94	1	1	17	0.01	13	180
93MOB0088	0.5	0.005	15	860	66	1	3	21	0.04	27	240
93MOB0090	0.5	0.005	16	1620	60	1	2	28	0.01	18	110
93MOB0092	1	0.005	12	1380	116	1	2	20	0.01	19	190
93MOB0094	1	0.005	9	630	82	1	1	11	0.005	9	138
93MOB0096	1	0.005	16	1140	84	1	1	29	0.01	13	134

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93MOB0098	14	326300	6017125	CHEMEX	0.1	0.96	12	140	1	2.77	1.5	5	22	45	0.99	360	0.18	5	0.74	540
93MOB0100	14	323025	6016300	CHEMEX	0.1	2.04	8	120	1	1.42	0.25	10	48	13	2.12	80	0.20	5	0.86	710
93MOB0102	14	320350	6011775	CHEMEX	0.1	1.98	1	180	1	3.57	0.5	9	47	22	2.24	110	0.21	5	2.19	1015
93MOB0105	14	422514	5990266	CHEMEX	0.1	0.35	2	90	1	2.94	0.5	4	12	19	0.48	160	0.13	5	0.75	215
93MOB0107	14	432235	6003552	CHEMEX	0.1	0.51	2	60	1	2.48	0.5	3	18	17	0.65	160	0.16	5	0.94	90
93MOB0109	14	425935	6008204	CHEMEX	0.1	1.83	1	160	1	0.60	0.5	6	35	19	1.69	50	0.09	10	0.49	90
93MOB0111	14	417700	6004128	CHEMEX	0.1	0.70	1	140	1	1.96	0.5	4	19	12	0.78	100	0.18	5	0.58	310
93MOB0113	14	410823	6008534	CHEMEX	0.1	0.47	1	100	1	2.79	0.25	3	17	8	0.63	100	0.10	5	0.73	135
93MOB0115	14	420329	6012190	CHEMEX	0.1	0.36	1	60	1	3.79	0.25	2	13	8	0.37	160	0.06	5	0.57	190
93MOB0117	14	424981	6019970	CHEMEX	0.1	0.33	1	80	1	5.14	0.25	3	16	24	0.41	100	0.06	5	1.28	375
93MOB0119	14	400204	6015621	CHEMEX	0.1	0.57	1	70	1	4.05	0.25	3	19	13	0.65	140	0.04	5	0.79	180
93MOB0121	14	403085	6019729	CHEMEX	0.1	0.37	1	120	1	5.17	0.25	2	15	15	0.37	100	0.02	5	0.79	145
93MOB0123	14	408017	6017403	CHEMEX	0.1	0.43	2	70	1	4.64	0.5	2	11	20	0.43	200	0.04	5	0.70	205
93MOB0125	14	422328	6028546	CHEMEX	0.1	0.23	1	90	1	0.70	1.0	1	6	12	0.27	200	0.04	5	0.16	25
93MOB0127	14	433355	6040607	CHEMEX	0.1	0.31	2	60	1	4.23	0.5	2	12	10	0.33	240	0.06	5	0.52	165
93MOB0129	14	420837	6044984	CHEMEX	0.1	0.09	2	80	1	5.20	0.5	1	7	12	0.10	180	0.03	5	0.66	190
93MOB0131	14	414432	6035019	CHEMEX	0.1	0.17	1	20	1	0.82	0.5	1	8	9	0.18	200	0.05	5	0.21	10
93MOB0134	14	343199	6020885	CHEMEX	0.1	0.31	8	60	1	0.84	2.0	2	10	44	0.39	320	0.09	5	0.13	35
93MOB0136	14	343834	6022027	CHEMEX	0.1	0.45	16	70	1	0.65	3.0	3	12	115	0.61	350	0.12	5	0.16	325
93MOB0138	14	344899	6025552	CHEMEX	0.1	0.21	16	20	1	2.31	1.5	1	10	56	0.27	250	0.08	5	0.68	75
93MOB0140	14	345886	6030351	CHEMEX	0.2	0.66	4	80	1	0.70	2.0	11	21	77	0.89	360	0.15	5	0.25	630
93MOB0142	14	351284	6033325	CHEMEX	0.1	0.33	14	70	1	5.71	1.5	1	11	34	0.47	480	0.12	5	2.81	660
93MOB0144	14	328300	6036800	CHEMEX	0.1	0.86	1	200	1	1.90	2.0	5	15	72	0.87	330	0.17	5	0.39	945
93MOB0146	14	336000	6039250	CHEMEX	0.1	0.32	8	30	1	1.12	1.0	1	14	23	0.46	200	0.08	5	0.24	45
93MOB0148	14	340166	6043064	CHEMEX	0.1	0.49	1	150	1	3.26	1.5	3	18	48	0.60	200	0.20	5	0.30	440
93MOB0150	14	342439	6039720	CHEMEX	0.1	0.51	2	60	1	2.41	1.5	4	12	91	0.60	260	0.16	5	0.55	465
93MOB0153	14	364591	6046852	CHEMEX	0.1	0.60	1	210	1	1.61	1.5	7	19	35	0.79	180	0.15	5	0.42	2110
93MOB0156	14	363058	6051702	CHEMEX	0.1	0.36	2	160	1	0.65	2.0	6	11	47	0.48	300	0.11	5	0.11	305
93MOB0158	14	359629	6052761	CHEMEX	0.1	0.31	8	110	1	0.41	1.5	5	12	36	0.38	300	0.10	5	0.10	140
93MOB0160	14	332500	6009700	CHEMEX	0.1	0.29	6	60	1	0.46	1.5	1	9	33	0.31	380	0.11	5	0.09	280
93MOB0163	14	334650	6008375	CHEMEX	0.1	0.35	2	100	1	1.28	2.0	2	15	35	0.45	290	0.13	5	0.32	420
93MOB0165	14	317275	6041425	CHEMEX	0.1	0.69	16	90	1	3.11	2.0	9	17	82	1.12	320	0.09	5	0.68	1195
93MOB0167	14	321650	6036875	CHEMEX	0.1	1.42	2	110	1	0.64	1.5	18	36	60	2.46	280	0.14	5	0.65	1055
93MOB0170	14	326150	6038350	CHEMEX	0.1	1.37	1	190	1	1.20	3.0	13	39	63	1.62	490	0.30	5	0.53	1390
93MOB0173	14	329125	6039825	CHEMEX	0.1	0.59	8	80	1	1.06	3.5	6	21	91	0.87	560	0.14	5	0.37	255
93MOB0177	14	333950	6041950	CHEMEX	0.1	0.32	12	110	1	1.51	2.0	6	13	73	0.53	380	0.13	5	0.29	1295
93MOB0179	14	359650	6003680	CHEMEX	0.1	1.13	1	140	1	4.59	0.25	5	29	63	1.04	120	0.06	5	0.94	60
93MOB0182	14	334000	5997600	CHEMEX	0.1	0.46	8	50	1	1.12	1.0	4	16	28	0.46	190	0.11	5	0.39	35
93MOB0184	14	312750	6000000	CHEMEX	0.1	1.16	2	380	1	1.75	1.0	9	25	35	1.08	240	0.31	5	0.50	1260
93MOB0186	14	317250	5999750	CHEMEX	0.1	0.68	1	40	1	1.75	0.5	3	17	18	0.59	300	0.11	5	0.66	55
93MOB0188	14	337900	6044770	CHEMEX	0.1	0.57	18	140	1	1.42	2.0	9	19	80	0.77	340	0.15	5	0.35	935
93MOB0190	14	341041	6046092	CHEMEX	0.2	0.87	8	210	1	1.31	2.0	12	22	95	0.96	490	0.19	5	0.30	520
93MOB0192	14	345607	6048055	CHEMEX	0.1	0.59	2	60	1	1.78	2.5	4	19	81	0.74	340	0.18	5	0.43	375
93MOB0205	14	346364	6044034	CHEMEX	0.1	1.27	1	90	1	1.23	1.5	11	33	93	2.46	260	0.22	5	0.74	445
93MOB0207	14	345801	6037727	CHEMEX	0.1	0.76	6	90	1	1.40	2.0	8	27	114	0.94	510	0.26	5	0.46	565
93MOB0209	14	348028	6050695	CHEMEX	0.1	0.59	18	190	1	1.61	7.5	16	14	136	0.83	600	0.19	5	0.24	2425
93MOB0211	14	345515	6050997	CHEMEX	0.1	0.44	8	90	1	0.46	2.5	3	14	77	0.65	480	0.07	5	0.16	155
93MOB0213	14	345980	6054883	CHEMEX	0.1	0.26	1	50	1	5.28	0.5	6	12	18	0.31	200	0.05	5	0.88	375
93MOB0215	14	431487	6033336	CHEMEX	0.1	0.41	1	40	1	2.48	1.0	2	11	8	0.42	280	0.07	5	0.47	485
93MOB0216	14	426688	6042763	CHEMEX	0.1	0.40	2	100	1	0.25	0.5	1	15	8	0.45	250	0.14	5	0.10	80

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB0098	0.5	0.005	14	760	66	1	2	21	0.02	18	142
93MOB0100	0.5	0.005	21	210	14	1	4	15	0.04	40	52
93MOB0102	0.5	0.01	31	650	16	1	5	14	0.03	36	70
93MOB0105	0.5	0.005	9	1030	30	1	0.5	35	0.005	8	38
93MOB0107	0.5	0.01	11	850	20	1	1	30	0.005	13	32
93MOB0109	0.5	0.01	19	600	8	1	4	13	0.01	30	40
93MOB0111	0.5	0.005	11	700	8	1	1	48	0.005	12	44
93MOB0113	0.5	0.01	9	950	4	1	1	49	0.005	11	20
93MOB0115	0.5	0.005	6	540	2	1	0.5	44	0.01	7	28
93MOB0117	0.5	0.005	13	1120	1	1	0.5	45	0.01	8	28
93MOB0119	0.5	0.005	8	530	1	1	2	22	0.01	11	8
93MOB0121	0.5	0.005	9	590	1	1	1	48	0.01	8	6
93MOB0123	0.5	0.005	8	540	14	1	1	21	0.01	8	24
93MOB0125	2	0.005	4	430	14	1	0.5	18	0.005	3	12
93MOB0127	1	0.005	7	560	10	1	0.5	29	0.005	13	6
93MOB0129	0.5	0.005	4	720	1	1	0.5	41	0.005	4	26
93MOB0131	1	0.005	4	730	18	1	0.5	10	0.005	3	10
93MOB0134	0.5	0.005	9	530	70	1	0.5	13	0.005	7	138
93MOB0136	0.5	0.005	11	740	138	1	1	15	0.01	10	304
93MOB0138	2	0.005	6	780	62	1	0.5	50	0.005	4	164
93MOB0140	0.5	0.005	13	730	72	1	1	16	0.02	15	176
93MOB0142	0.5	0.005	5	750	32	1	0.5	16	0.005	5	122
93MOB0144	0.5	0.005	15	1630	94	1	2	33	0.005	17	172
93MOB0146	0.5	0.005	5	640	14	1	1	51	0.01	8	82
93MOB0148	0.5	0.01	10	3440	46	1	1	66	0.01	9	286
93MOB0150	1	0.02	9	1600	100	1	1	40	0.005	16	126
93MOB0153	1	0.005	12	1280	28	1	1	26	0.01	13	166
93MOB0156	0.5	0.005	12	890	56	1	0.5	44	0.01	9	202
93MOB0158	0.5	0.005	8	700	60	1	0.5	31	0.01	7	198
93MOB0160	0.5	0.005	6	650	74	1	0.5	10	0.005	6	164
93MOB0163	0.5	0.005	6	840	74	1	0.5	11	0.005	9	214
93MOB0165	0.5	0.01	10	990	94	1	2	46	0.01	19	264
93MOB0167	0.5	0.005	22	640	62	1	4	20	0.06	55	142
93MOB0170	0.5	0.01	20	990	66	1	3	37	0.05	33	418
93MOB0173	0.5	0.005	11	860	102	1	1	34	0.01	18	436
93MOB0177	0.5	0.005	8	1070	88	1	0.5	18	0.005	8	294
93MOB0179	0.5	0.01	24	1060	1	1	2	32	0.02	43	24
93MOB0182	1	0.005	10	800	52	1	1	32	0.01	9	32
93MOB0184	1	0.005	27	1890	32	1	2	50	0.02	21	212
93MOB0186	0.5	0.005	7	750	12	1	1	18	0.01	16	38
93MOB0188	1	0.005	12	1010	100	1	1	28	0.01	15	260
93MOB0190	1	0.005	13	1220	120	1	2	64	0.01	16	312
93MOB0192	0.5	0.005	10	890	102	1	1	19	0.01	15	304
93MOB0205	0.5	0.01	19	740	232	1	5	14	0.04	49	336
93MOB0207	0.5	0.005	16	1260	68	1	2	17	0.02	19	280
93MOB0209	0.5	0.005	10	1250	312	2	1	28	0.005	14	732
93MOB0211	0.5	0.005	9	680	130	1	1	20	0.01	13	228
93MOB0213	0.5	0.005	11	1030	2	1	0.5	39	0.005	4	108
93MOB0215	0.5	0.005	4	520	24	1	1	11	0.005	8	20
93MOB0216	0.5	0.005	6	520	38	1	0.5	9	0.01	8	42

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93MOB0219	14	420216	6048319	CHEMEX	0.1	0.17	2	20	1	0.33	0.5	0.5	10	11	0.18	300	0.10	5	0.07	40
93MOB0221	14	409950	6040600	CHEMEX	0.1	0.77	1	120	1	0.98	0.5	4	13	15	0.89	300	0.11	10	0.19	150
93MOB0223	14	417241	6020531	CHEMEX	0.1	0.21	1	30	1	4.50	0.25	1	8	9	0.22	140	0.04	5	1.10	60
93MOB0225	14	413632	6015077	CHEMEX	0.1	0.84	1	70	1	3.33	1.0	4	18	27	0.85	200	0.12	5	0.65	555
93MOB0227	14	403022	6010425	CHEMEX	0.1	0.60	1	180	1	2.07	1.5	4	16	24	0.57	220	0.17	5	0.30	415
93MOB0229	14	383977	6018524	CHEMEX	0.1	0.30	4	40	1	0.47	1.0	0.5	9	16	0.32	300	0.14	5	0.12	90
93MOB0232	14	391605	6044611	CHEMEX	0.1	0.23	2	50	1	0.49	1.0	0.5	9	14	0.24	260	0.06	5	0.13	45
93MOB0234	14	383180	6047121	CHEMEX	0.1	0.13	2	20	1	0.46	1.5	0.5	9	25	0.16	360	0.10	5	0.08	110
93MOB0236	14	375463	6046365	CHEMEX	0.1	0.49	6	80	1	1.20	2.0	2	15	53	0.53	440	0.11	5	0.27	550
93MOB0238	14	394309	6025265	CHEMEX	0.1	0.09	2	60	1	5.84	0.5	1	7	9	0.09	160	0.03	5	0.50	280
93MOB0240	14	401278	6035643	CHEMEX	0.1	0.14	2	30	1	3.17	0.5	1	8	5	0.15	140	0.03	5	0.69	40
93MOB0242	14	399519	6040423	CHEMEX	0.1	0.39	2	130	1	0.51	1.0	4	11	13	0.39	300	0.08	5	0.07	75
93MOB0244	14	393750	6037063	CHEMEX	0.1	0.32	6	50	1	1.84	1.0	1	10	17	0.32	250	0.07	5	0.31	185
93MOB0246	14	388124	6033688	CHEMEX	0.1	0.17	4	70	1	0.60	0.5	1	10	11	0.16	340	0.05	5	0.09	15
93MOB0248	14	378984	6022046	CHEMEX	0.1	0.61	4	170	1	1.01	0.5	3	13	20	0.56	530	0.13	10	0.17	155
93MOB0250	14	368447	6027346	CHEMEX	0.1	0.64	1	100	1	2.16	0.5	4	18	17	0.60	240	0.08	5	0.52	635
93MOB0252	14	368558	6031608	CHEMEX	0.1	0.22	4	80	1	0.93	1.0	1	9	20	0.22	320	0.10	5	0.18	130
93MOB0254	14	366449	6035161	CHEMEX	0.1	0.32	2	80	1	1.27	1.5	2	14	34	0.34	450	0.21	5	0.24	640
93MOB0256	14	360721	6029788	CHEMEX	0.1	0.11	1	10	1	0.91	1.5	1	9	25	0.15	360	0.12	5	0.20	100
93MOB0258	14	355281	6031697	CHEMEX	0.1	0.12	2	60	1	3.01	1.0	0.5	8	21	0.14	210	0.05	5	1.98	80
93MOB0260	14	356424	6049639	CHEMEX	0.1	0.69	6	120	1	0.70	1.5	4	15	55	0.66	600	0.14	10	0.30	110
93MOB0262	14	368035	6059110	CHEMEX	0.1	0.39	4	290	1	1.08	3.0	7	14	48	0.45	680	0.14	5	0.12	4305
93MOB0264	14	368154	6055975	CHEMEX	0.1	0.29	4	290	1	0.64	4.0	5	11	70	0.35	1040	0.17	5	0.12	4500
93MOB0266	14	385188	6050824	CHEMEX	0.1	0.08	1	20	1	3.78	0.5	1	6	10	0.08	200	0.02	5	0.67	65
93MOB1002	14	466768	5983546	CHEMEX	0.1	1.03	1	80	1	4.68	0.5	3	26	12	1.01	140	0.14	5	2.48	440
93MOB1003	14	463849	5989061	CHEMEX	0.1	0.66	6	110	1	1.08	0.25	3	19	9	0.70	140	0.10	5	0.38	525
93MOB1006	14	473218	5991160	CHEMEX	0.1	2.83	10	190	1	1.44	1.0	24	64	25	3.22	100	0.45	20	0.81	3285
93MOB1008	14	430725	5993414	CHEMEX	0.1	0.55	1	110	1	0.53	1.0	4	16	21	0.56	280	0.11	10	0.16	235
93MOB1010	14	433389	5990911	CHEMEX	0.1	1.15	6	140	1	0.69	1.0	7	27	16	1.15	260	0.21	10	0.29	360
93MOB1012	14	387594	5998382	CHEMEX	0.1	0.69	1	60	1	7.09	0.5	0.5	21	30	0.91	90	0.15	5	3.96	230
93MOB1014	14	387576	5994777	CHEMEX	0.1	0.84	2	180	1	1.42	1.0	3	21	16	0.92	250	0.19	5	0.32	845
93MOB1016	14	383034	5992036	CHEMEX	0.1	0.40	1	40	1	3.64	0.5	1	17	13	0.49	150	0.10	5	1.60	435
93MOB1018	14	382780	5991765	CHEMEX	0.1	0.48	6	80	1	1.12	0.5	1	15	13	0.50	280	0.12	5	0.29	75
93MOB1020	14	381705	5990377	CHEMEX	0.1	0.34	1	70	1	2.66	0.5	1	13	17	0.38	180	0.11	5	0.66	310
93MOB1022	14	376739	5990126	CHEMEX	0.1	0.97	1	120	2	1.78	1.0	4	25	19	0.95	300	0.16	5	0.54	1025
93MOB1024	14	355269	5994385	CHEMEX	0.1	0.12	1	20	1	2.95	0.25	0.5	7	4	0.12	100	0.01	5	0.55	15
93MOB1026	14	357977	5997269	CHEMEX	0.1	0.52	1	110	1	4.69	1.0	2	14	32	0.50	80	0.03	5	0.75	225
93MOB1028	14	361841	5997849	CHEMEX	0.1	0.81	2	280	1	15.00	3.0	4	15	45	0.72	60	0.06	5	0.99	730
93MOB1030	14	346106	6011208	CHEMEX	0.1	1.26	12	130	1	1.75	1.5	8	32	37	1.42	260	0.17	5	0.64	990
93MOB1033	14	372835	5989725	CHEMEX	0.1	0.39	6	80	1	1.18	0.5	3	12	11	0.45	210	0.08	5	0.26	975
93MOB1036	14	373188	5996324	CHEMEX	0.1	0.48	8	120	1	1.59	1.5	2	14	29	0.47	310	0.16	5	0.26	990
93MOB1039	14	376826	6003505	CHEMEX	0.1	0.64	4	90	1	1.23	1.0	3	18	20	0.67	260	0.12	5	0.36	465
93MOB1041	14	374455	6008735	CHEMEX	0.1	0.54	4	70	1	1.82	1.0	3	15	24	0.48	230	0.16	5	0.54	290
93MOB1043	14	360588	6011721	CHEMEX	0.1	0.17	6	20	1	1.15	1.0	0.5	9	17	0.20	180	0.05	5	0.29	35
93MOB1045	14	364477	6011360	CHEMEX	0.1	0.37	6	160	1	2.87	0.5	2	9	13	0.40	220	0.10	5	0.41	775
93MOB1047	14	368788	6014733	CHEMEX	0.1	0.69	2	90	1	3.09	0.5	4	18	26	0.72	200	0.16	5	0.65	295
93MOB1050	14	373389	6021737	CHEMEX	0.1	0.55	6	270	1	1.65	2.0	7	17	39	0.59	290	0.20	5	0.33	1370
93MOB1053	14	417533	5984711	CHEMEX	0.1	0.84	2	300	1	1.45	2.5	4	27	33	0.92	180	0.18	5	0.36	1055
93MOB1055	14	336500	6001025	CHEMEX	0.1	3.00	1	450	1	1.64	1.0	15	61	49	2.66	60	0.37	5	0.84	460
93MOB1057	14	331175	6002025	CHEMEX	0.1	0.49	4	230	1	2.04	1.5	4	14	29	0.49	300	0.15	5	0.43	850

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB0219	0.5	0.005	5	500	42	1	0.5	6	0.005	4	32
93MOB0221	0.5	0.005	10	740	28	1	2	24	0.02	13	44
93MOB0223	0.5	0.005	4	550	2	1	0.5	29	0.005	3	4
93MOB0225	0.5	0.005	13	500	34	1	2	18	0.02	18	34
93MOB0227	1	0.005	15	1030	26	1	1	68	0.01	13	182
93MOB0229	0.5	0.005	4	740	40	1	0.5	8	0.005	7	114
93MOB0232	1	0.005	4	390	34	1	0.5	8	0.005	4	54
93MOB0234	0.5	0.005	4	660	30	1	0.5	6	0.005	3	138
93MOB0236	0.5	0.005	7	640	134	1	1	10	0.01	11	290
93MOB0238	0.5	0.005	3	690	8	1	0.5	30	0.005	4	34
93MOB0240	0.5	0.005	2	510	6	1	0.5	34	0.005	3	34
93MOB0242	1	0.005	10	630	46	1	1	19	0.005	6	38
93MOB0244	0.5	0.005	5	630	42	1	0.5	11	0.005	7	38
93MOB0246	0.5	0.005	5	430	34	1	0.5	16	0.005	3	84
93MOB0248	0.5	0.005	16	1060	44	1	1	37	0.01	10	66
93MOB0250	0.5	0.005	8	760	16	1	1	22	0.01	11	80
93MOB0252	0.5	0.005	5	720	40	1	0.5	18	0.005	4	100
93MOB0254	0.5	0.005	7	1140	82	1	0.5	21	0.005	8	182
93MOB0256	0.5	0.005	4	1010	30	1	0.5	7	0.005	3	168
93MOB0258	0.5	0.01	3	900	22	1	0.5	271	0.005	3	144
93MOB0260	0.5	0.005	14	1410	78	1	1	48	0.005	13	226
93MOB0262	0.5	0.005	9	1320	92	1	0.5	43	0.005	9	426
93MOB0264	0.5	0.005	9	1360	112	1	0.5	27	0.005	7	572
93MOB0266	0.5	0.005	2	480	2	1	0.5	13	0.005	1	42
93MOB1002	0.5	0.01	13	450	16	1	2	16	0.03	18	36
93MOB1003	0.5	0.01	10	440	26	1	1	11	0.01	14	30
93MOB1006	0.5	0.01	30	1280	24	1	7	31	0.07	50	180
93MOB1008	0.5	0.005	21	880	32	1	1	30	0.01	9	72
93MOB1010	0.5	0.005	20	930	40	1	2	29	0.03	21	70
93MOB1012	0.5	0.01	20	840	8	1	1	24	0.02	16	98
93MOB1014	0.5	0.005	8	730	60	1	1	14	0.01	18	110
93MOB1016	0.5	0.005	7	530	30	1	1	12	0.01	9	62
93MOB1018	0.5	0.005	9	570	28	1	1	15	0.01	8	28
93MOB1020	0.5	0.005	7	720	38	1	0.5	14	0.005	7	62
93MOB1022	0.5	0.005	13	700	52	1	2	16	0.02	17	52
93MOB1024	0.5	0.005	2	500	1	1	0.5	80	0.005	2	8
93MOB1026	0.5	0.01	10	1420	1	1	0.5	38	0.005	7	20
93MOB1028	0.5	0.02	11	3660	2	1	2	167	0.01	11	76
93MOB1030	0.5	0.01	14	400	56	1	3	19	0.04	26	142
93MOB1033	0.5	0.005	4	730	34	1	1	12	0.005	7	22
93MOB1036	0.5	0.005	5	1090	102	1	1	34	0.005	9	186
93MOB1039	0.5	0.005	7	1030	48	1	1	13	0.01	11	54
93MOB1041	0.5	0.005	8	1120	58	1	1	26	0.01	11	50
93MOB1043	0.5	0.005	2	390	38	1	0.5	15	0.005	3	70
93MOB1045	0.5	0.005	4	1960	28	1	0.5	17	0.005	6	58
93MOB1047	0.5	0.005	15	1080	22	1	1	27	0.01	13	34
93MOB1050	1	0.005	11	1150	84	1	1	42	0.01	10	212
93MOB1053	0.5	0.005	15	1520	56	1	1	21	0.01	14	316
93MOB1055	0.5	0.02	33	6660	10	1	7	69	0.04	35	98
93MOB1057	0.5	0.005	10	1100	58	1	1	35	0.005	10	194

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93MOB1059	14	329525	6007000	CHEMEX	0.2	1.59	1	140	1	0.71	0.25	3	32	27	1.18	240	0.20	10	0.36	90
93MOB1061	14	330475	6011100	CHEMEX	0.1	0.64	2	80	1	0.68	0.5	3	13	22	0.86	300	0.16	5	0.17	50
93MOB1063	14	312850	6016400	CHEMEX	0.1	0.47	2	80	1	1.97	0.5	3	17	25	0.71	240	0.11	5	0.56	265
93MOB1066	14	318225	6019150	CHEMEX	0.1	0.67	8	80	1	2.16	1.0	13	18	43	0.76	240	0.21	5	0.53	1425
93MOB1068	14	318175	6022675	CHEMEX	0.1	1.48	6	310	1	1.08	1.0	9	36	54	1.44	280	0.42	5	0.46	850
93MOB1070	14	322375	6023400	CHEMEX	0.1	0.64	6	130	1	1.02	1.0	7	17	53	0.66	300	0.26	5	0.27	555
93MOB1072	14	323850	6026150	CHEMEX	0.1	0.52	12	130	1	0.78	2.0	2	16	47	0.55	360	0.16	5	0.16	145
93MOB1074	14	325350	6029150	CHEMEX	0.1	0.45	12	80	1	0.81	1.5	2	16	44	0.43	260	0.12	5	0.21	85
93MOB1076	14	329050	6029450	CHEMEX	0.1	0.98	10	110	1	1.36	0.5	10	21	44	1.11	160	0.20	5	0.43	420
93MOB1078	14	333125	6030000	CHEMEX	0.1	0.83	6	100	1	1.98	1.5	3	22	47	1.02	200	0.12	5	0.56	400
93MOB1080	14	336850	6030450	CHEMEX	0.1	1.02	4	190	1	1.26	1.5	7	25	37	0.95	200	0.17	5	1.00	1090
93MOB1082	14	339448	6031756	CHEMEX	0.1	0.42	10	80	1	0.40	3.0	1	13	68	0.48	380	0.12	5	0.12	90
93MOB1084	14	344397	6028479	CHEMEX	0.1	1.09	1	120	1	3.54	0.25	1	24	132	1.10	140	0.06	30	0.74	10
93MOB1086	14	340501	6024716	CHEMEX	0.1	0.26	6	130	1	1.37	1.5	3	14	39	0.32	360	0.21	5	0.21	395
93MOB1088	14	337050	6025850	CHEMEX	0.1	0.32	2	190	1	4.90	0.25	2	17	12	0.70	80	0.04	5	1.03	45
93MOB1090	14	342670	6032676	CHEMEX	0.1	0.20	4	100	1	2.68	0.5	1	9	46	0.30	110	0.09	5	0.89	60
93MOB1092	14	336800	6033750	CHEMEX	0.1	0.10	6	80	1	1.13	2.0	0.5	9	47	0.14	260	0.07	5	0.10	190
93MOB1094	14	332075	6035875	CHEMEX	0.1	0.22	6	100	1	1.72	2.0	1	12	34	0.26	240	0.06	5	0.18	65
93MOB1096	14	347869	6037760	CHEMEX	0.1	0.85	8	120	1	3.15	2.0	3	27	36	1.05	220	0.16	5	1.58	1340
93MOB1098	14	351403	6041952	CHEMEX	0.1	0.47	10	270	1	1.90	2.0	3	17	59	0.57	300	0.24	5	0.25	1315
93MOB1100	14	352396	6045382	CHEMEX	0.1	0.34	8	60	1	0.96	1.5	2	19	51	0.48	260	0.15	5	0.23	270
93MOB1102	14	348162	6044956	CHEMEX	0.1	0.36	6	130	1	2.47	1.5	7	12	65	0.60	260	0.16	5	0.46	760
93MOB1104	14	354005	6041786	CHEMEX	0.1	0.17	1	40	1	1.03	1.0	1	9	14	0.21	260	0.05	5	0.24	90
93MOB1106	14	339580	6013874	CHEMEX	0.1	0.19	2	120	1	1.58	1.5	1	10	28	0.25	260	0.38	5	0.31	145
93MOB1107	14	359999	6036185	CHEMEX	0.1	0.51	2	140	1	0.43	1.0	4	17	22	0.64	260	0.11	5	0.20	410
93MOB1108	14	359999	6036185	CHEMEX	0.1	0.33	8	60	1	3.92	1.0	1	11	36	0.44	290	0.10	5	1.64	680
93MOB1111	14	356916	6036540	CHEMEX	0.1	0.33	10	100	1	1.58	1.0	2	12	48	0.42	280	0.12	5	0.28	440
93MOB1113	14	362238	6034544	CHEMEX	0.1	0.24	4	80	1	1.82	1.5	1	11	33	0.30	320	0.15	5	0.35	260
93MOB1115	14	361063	6037516	CHEMEX	0.1	0.34	12	30	1	0.94	1.0	1	10	27	0.42	240	0.07	5	0.28	35
93MOB1117	14	349377	6054138	CHEMEX	0.1	0.49	4	120	1	0.21	4.0	2	9	101	0.84	280	0.07	5	0.09	85
93MOB1119	14	343863	6057884	CHEMEX	0.1	0.75	6	130	1	0.74	4.0	4	17	111	1.03	580	0.17	30	0.30	2270
93MOB1121	14	346376	6057140	CHEMEX	0.2	1.67	1	180	1	0.95	2.0	12	42	66	1.76	240	0.28	10	0.59	840
93MOB1123	14	345701	6053882	CHEMEX	0.1	2.50	6	230	1	0.72	1.0	5	46	69	1.60	150	0.34	20	0.49	345
93MOB1125	14	382815	6050328	CHEMEX	0.1	0.83	6	50	1	0.58	1.5	2	18	25	0.90	330	0.13	5	0.28	285
93MOB1127	14	377783	6050380	CHEMEX	0.1	1.38	1	110	1	1.87	1.5	8	38	41	1.87	220	0.15	5	1.11	725
93MOB1129	14	374915	6050719	CHEMEX	0.2	0.43	1	110	1	1.43	2.0	2	14	33	0.53	240	0.14	5	0.29	695
93MOB1131	14	354682	6051974	CHEMEX	0.2	0.31	14	140	1	2.96	6.0	4	12	109	0.46	320	0.15	5	0.28	630
93MOB1133	14	348516	6052021	CHEMEX	0.2	0.33	22	120	1	0.83	5.0	3	11	129	0.52	520	0.11	5	0.13	150
93MOB1135	14	360061	6056393	CHEMEX	0.1	0.53	1	460	1	1.10	2.5	6	19	48	0.65	300	0.12	5	0.25	2440
93MOB1137	14	361988	6059887	CHEMEX	0.2	0.29	4	260	1	0.88	4.5	4	11	61	0.39	550	0.24	5	0.16	3815
93MOB1139	14	357642	6058185	CHEMEX	0.1	0.61	12	260	1	0.75	3.5	6	16	71	0.72	700	0.09	5	0.13	1690
93MOB1141	14	356776	6056154	CHEMEX	0.8	0.41	18	120	1	1.20	5.5	4	13	101	0.67	420	0.14	5	0.20	195
93MOB1143	14	366436	6062653	CHEMEX	0.1	0.34	18	160	1	0.36	3.0	3	7	66	0.53	480	0.07	5	0.10	40
93MOB1145	14	370223	6064596	CHEMEX	0.4	0.50	1	100	1	0.31	1.5	2	17	26	0.71	280	0.09	5	0.16	165
93MOB1149	14	432400	6025063	CHEMEX	0.1	0.32	1	60	1	4.93	0.5	1	13	13	0.29	130	0.04	5	0.91	70
93MOB1151	14	426341	6034987	CHEMEX	0.1	0.82	2	130	1	4.00	0.5	3	16	35	0.75	120	0.03	5	0.64	265
93MOB1153	14	432653	6047124	CHEMEX	0.1	0.72	1	70	1	2.36	0.5	2	15	14	0.93	100	0.05	5	0.65	345
93MOB1155	14	426036	6049054	CHEMEX	0.1	0.16	2	20	1	0.79	0.5	0.5	7	6	0.16	140	0.08	5	0.24	40
93MOB1157	14	414283	6043903	CHEMEX	0.2	0.43	2	60	1	0.89	1.0	1	10	13	0.53	230	0.14	5	0.17	45
93MOB1159	14	408060	6033130	CHEMEX	0.1	0.47	2	40	1	2.89	0.5	0.5	13	8	0.44	120	0.05	5	1.34	455

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB1059	0.5	0.005	17	830	30	1	3	16	0.02	21	36
93MOB1061	0.5	0.005	12	1140	28	1	1	15	0.005	9	68
93MOB1063	1	0.005	8	920	28	1	1	12	0.005	12	30
93MOB1066	1	0.005	13	1450	110	1	2	42	0.01	24	90
93MOB1068	1	0.005	25	1570	90	1	3	39	0.03	32	186
93MOB1070	0.5	0.005	11	1120	98	1	1	20	0.01	15	184
93MOB1072	0.5	0.005	9	850	92	1	1	20	0.01	12	210
93MOB1074	0.5	0.005	11	670	114	1	1	25	0.005	9	154
93MOB1076	1	0.005	14	1220	60	1	1	22	0.01	18	60
93MOB1078	0.5	0.005	9	960	88	1	1	12	0.01	15	92
93MOB1080	1	0.01	13	840	46	1	2	58	0.02	20	138
93MOB1082	0.5	0.005	6	870	130	1	0.5	11	0.01	10	270
93MOB1084	0.5	0.01	26	930	1	1	4	28	0.01	49	8
93MOB1086	0.5	0.005	6	1070	70	1	0.5	39	0.005	6	254
93MOB1088	0.5	0.02	8	550	1	1	1	159	0.01	14	10
93MOB1090	0.5	0.01	5	1260	32	1	0.5	80	0.005	16	30
93MOB1092	0.5	0.005	3	700	66	1	0.5	14	0.005	2	184
93MOB1094	0.5	0.005	4	780	40	1	0.5	17	0.005	5	130
93MOB1096	0.5	0.005	10	600	56	1	2	15	0.02	18	210
93MOB1098	0.5	0.005	8	900	94	1	1	30	0.01	11	346
93MOB1100	0.5	0.005	6	800	102	1	1	10	0.01	9	192
93MOB1102	0.5	0.005	12	1150	110	1	0.5	39	0.005	12	164
93MOB1104	0.5	0.005	4	610	18	1	0.5	16	0.005	4	52
93MOB1106	0.5	0.005	4	910	26	1	0.5	10	0.005	4	214
93MOB1107	0.5	0.005	8	800	54	1	1	22	0.02	12	122
93MOB1108	0.5	0.005	4	730	70	1	0.5	17	0.005	6	128
93MOB1111	0.5	0.005	6	610	76	1	0.5	15	0.005	8	112
93MOB1113	0.5	0.005	5	930	72	1	0.5	15	0.005	6	282
93MOB1115	0.5	0.005	4	540	46	1	1	9	0.005	7	98
93MOB1117	0.5	0.005	9	560	128	1	0.5	18	0.02	21	256
93MOB1119	0.5	0.01	10	1020	76	1	1	36	0.02	17	698
93MOB1121	0.5	0.01	24	590	34	2	3	39	0.06	34	308
93MOB1123	0.5	0.01	23	1210	36	1	4	39	0.04	29	148
93MOB1125	0.5	0.005	9	1030	70	1	1	6	0.01	17	102
93MOB1127	0.5	0.01	18	570	52	1	4	15	0.03	39	160
93MOB1129	0.5	0.005	7	660	78	2	1	14	0.01	10	138
93MOB1131	0.5	0.005	8	1020	84	1	0.5	31	0.005	9	574
93MOB1133	1	0.005	10	930	170	2	0.5	40	0.01	10	486
93MOB1135	0.5	0.005	13	1140	76	1	1	45	0.02	14	308
93MOB1137	0.5	0.005	9	1880	92	1	0.5	40	0.005	8	582
93MOB1139	0.5	0.005	16	1230	136	1	0.5	25	0.01	13	318
93MOB1141	1	0.005	15	1120	174	2	1	55	0.01	13	234
93MOB1143	0.5	0.005	6	840	136	2	0.5	14	0.01	12	208
93MOB1145	0.5	0.01	10	830	56	1	0.5	22	0.02	17	84
93MOB1149	0.5	0.005	8	650	1	2	0.5	27	0.005	9	6
93MOB1151	0.5	0.01	10	870	2	1	1	23	0.01	12	20
93MOB1153	0.5	0.005	7	400	1	2	1	15	0.01	15	22
93MOB1155	0.5	0.005	3	540	8	1	0.5	7	0.005	3	56
93MOB1157	0.5	0.005	7	1060	24	2	1	15	0.01	9	50
93MOB1159	0.5	0.005	4	380	14	1	0.5	10	0.005	9	36

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93MOB1161	14	415637	6025143	CHEMEX	0.1	0.32	1	50	1	1.41	1.0	1	8	9	0.37	160	0.06	5	0.34	225
93MOB1163	14	405331	6025544	CHEMEX	0.1	0.90	4	90	1	1.35	3.0	3	22	18	1.00	280	0.10	5	0.23	475
93MOB1165	14	393413	6019512	CHEMEX	0.1	0.42	2	60	1	0.37	1.5	0.5	12	19	0.42	340	0.12	5	0.10	175
93MOB1167	14	387375	6024958	CHEMEX	0.1	0.61	2	120	1	1.06	0.5	4	14	23	0.63	260	0.15	5	0.20	755
93MOB1168	14	395679	6031035	CHEMEX	0.1	0.84	2	110	1	2.60	2.0	4	18	25	0.72	250	0.14	40	0.57	1280
93MOB1170	14	381828	6037599	CHEMEX	0.1	0.61	1	40	1	1.52	1.0	4	12	19	0.64	240	0.09	5	0.48	1385
93MOB1172	14	373273	6048503	CHEMEX	0.2	0.59	1	90	1	2.60	3.0	3	19	49	0.78	280	0.12	5	0.91	545
93MOB1174	14	369301	6051172	CHEMEX	0.1	0.42	1	40	1	0.69	1.0	2	14	16	0.62	120	0.12	5	0.24	245
93MOB1176	14	369246	6047354	CHEMEX	0.1	0.25	12	30	1	0.66	2.0	0.5	9	35	0.28	300	0.08	5	0.18	200
93MOB1178	14	362584	6043229	CHEMEX	0.1	0.48	10	30	1	2.74	2.0	2	17	61	0.65	270	0.10	5	1.19	615
93MOB1180	14	356007	6038092	CHEMEX	0.1	0.49	2	50	1	1.46	3.0	2	17	47	0.62	270	0.15	5	0.40	785
93MOB1182	14	353568	6035875	CHEMEX	0.2	0.64	1	170	1	3.58	2.0	3	19	52	0.71	210	0.23	5	1.18	875
93MOB1184	14	351173	6038114	CHEMEX	0.2	0.44	6	90	1	0.42	2.0	1	12	45	0.51	350	0.12	5	0.16	170
93MOB1186	14	349909	6036407	CHEMEX	0.1	1.10	14	110	1	1.28	2.0	12	22	65	1.24	300	0.19	10	0.45	1035
93NA001h	14	341665	6078471	CHEMEX	0.1	0.66	4	130	1	0.58	1.5	6	21	56	0.94	230	0.09	10	0.29	520
93NA002h	14	341386	6077382	CHEMEX	0.1	1.02	8	90	1	0.35	1.5	4	35	51	1.50	280	0.21	10	0.44	320
93NA003h	14	341382	6077029	CHEMEX	0.1	0.80	6	70	1	0.22	1.0	3	23	26	1.19	120	0.08	10	0.27	130
93NA004h	14	341418	6073979	CHEMEX	0.1	0.98	4	60	1	0.16	1.0	4	23	42	1.32	190	0.09	10	0.23	95
93NA005h	14	341098	6073611	CHEMEX	0.1	1.33	12	210	1	0.13	2.0	7	31	72	1.74	220	0.08	5	0.37	710
93NA006h	14	341137	6079664	CHEMEX	0.1	0.59	8	90	1	0.34	2.5	2	21	76	0.88	330	0.11	5	0.18	160
93NA007h	14	340832	6080051	CHEMEX	0.2	0.95	4	80	1	0.27	1.5	5	27	51	1.20	380	0.15	10	0.33	115
93NA008h	14	340677	6080401	CHEMEX	0.1	0.48	1	110	1	0.51	2.5	2	18	61	0.62	400	0.15	5	0.21	360
93NA009h	14	340652	6080792	CHEMEX	0.1	2.33	1	150	1	0.35	1.0	17	59	34	2.51	140	0.35	10	0.75	705
93NA010h	14	340468	6081290	CHEMEX	0.1	0.68	4	40	1	0.11	2.0	2	14	53	0.97	380	0.06	5	0.14	75
93NA011h	14	340843	6081380	CHEMEX	0.2	0.60	6	90	1	0.45	2.0	2	15	60	0.84	340	0.12	5	0.13	160
93NA012h	14	343204	6083512	CHEMEX	0.2	0.25	1	60	1	0.21	1.0	0.5	9	33	0.52	200	0.07	10	0.04	145
93NA013h	14	341669	6083226	CHEMEX	0.1	0.61	2	150	1	0.97	1.5	7	19	53	0.76	340	0.16	10	0.27	1110
93NA014h	14	341705	6084105	CHEMEX	0.1	1.03	14	100	1	0.55	2.0	5	11	69	1.15	280	0.06	5	0.17	85
93NA015h	14	341761	6085187	CHEMEX	0.1	0.46	4	50	1	0.26	1.0	2	13	32	0.63	190	0.07	10	0.12	80
93NA016h	14	341779	6084668	CHEMEX	0.1	0.61	4	100	1	0.51	1.5	3	15	50	0.94	270	0.09	10	0.16	190
93NA017h	14	339674	6084782	CHEMEX	0.1	0.89	1	130	1	1.18	2.0	7	21	36	1.09	220	0.14	10	0.37	950
93NA018h	14	341996	6086206	CHEMEX	0.1	0.66	4	90	1	0.24	1.5	2	14	36	0.74	240	0.06	10	0.11	50
93NA019h	14	342847	6086582	CHEMEX	0.1	0.48	10	30	1	0.11	0.5	1	14	16	0.97	110	0.03	10	0.08	40
93NA020h	14	343360	6087876	CHEMEX	0.1	1.02	12	80	1	0.42	0.5	6	30	32	1.38	160	0.17	10	0.40	275
93NA021h	14	343242	6089281	CHEMEX	0.1	0.63	8	110	1	0.20	1.5	5	12	38	0.53	280	0.11	10	0.12	50
93NA022h	14	342874	6091210	CHEMEX	0.1	0.39	2	120	1	0.43	2.5	1	12	67	0.48	340	0.11	5	0.10	100
93NA023h	14	342859	6093626	CHEMEX	0.2	0.73	10	90	1	1.75	2.0	4	20	26	0.81	200	0.14	5	0.33	185
93NA024h	14	342460	6095097	CHEMEX	0.1	0.67	4	150	1	0.08	1.5	1	10	29	0.62	220	0.10	10	0.06	40
93NA025h	14	342808	6096432	CHEMEX	0.1	0.55	14	130	1	0.25	3.5	1	17	71	0.68	260	0.10	10	0.15	165
93NA026h	14	341151	6082137	CHEMEX	0.1	0.67	12	60	1	0.27	1.0	1	16	36	0.77	320	0.07	10	0.14	95
93NA027h	14	344261	6088109	CHEMEX	0.1	0.30	1	40	1	0.31	1.0	5	9	40	0.29	260	0.10	5	0.09	20
93NA028h	14	345082	6088929	CHEMEX	0.1	0.72	6	40	1	0.24	0.5	3	20	19	0.93	140	0.08	10	0.20	60
93NA029h	14	346235	6088923	CHEMEX	0.1	1.13	1	80	1	0.25	1.0	4	42	39	1.72	140	0.05	5	0.41	80
93NA030h	14	346764	6088988	CHEMEX	0.1	0.64	4	40	1	0.13	0.5	2	18	11	0.93	90	0.07	10	0.14	80
93NA031h	14	347775	6089075	CHEMEX	0.1	0.48	4	140	1	0.15	1.0	2	13	23	0.60	160	0.04	10	0.10	85
93NA032h	14	348946	6088734	CHEMEX	0.1	0.60	1	70	1	0.10	1.0	2	14	35	0.74	160	0.04	10	0.10	50
93NA033h	14	349829	6088886	CHEMEX	0.1	0.44	2	50	1	0.16	1.0	2	11	19	0.52	170	0.08	10	0.09	65
93NA034h	14	350610	6089315	CHEMEX	0.1	1.10	1	100	1	0.26	0.5	3	14	21	1.44	170	0.08	5	0.23	80
93NA035h	14	351740	6089256	CHEMEX	0.2	0.46	1	60	1	0.36	0.5	2	11	15	0.65	150	0.07	5	0.13	110
93NA036h	14	353126	6089804	CHEMEX	0.1	0.45	1	40	1	0.21	0.5	1	14	12	0.68	140	0.06	10	0.12	210

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB1161	0.5	0.005	5	470	2	1	0.5	11	0.005	6	26
93MOB1163	0.5	0.005	9	630	56	1	1	15	0.01	16	76
93MOB1165	0.5	0.01	7	680	44	1	1	8	0.01	8	76
93MOB1167	1	0.005	9	620	52	1	1	16	0.01	12	44
93MOB1168	0.5	0.01	12	750	34	2	2	27	0.01	20	66
93MOB1170	0.5	0.005	4	710	32	1	1	11	0.01	11	22
93MOB1172	0.5	0.01	11	570	64	1	1	14	0.02	15	296
93MOB1174	0.5	0.005	7	380	22	1	1	10	0.01	12	56
93MOB1176	0.5	0.005	5	630	66	1	0.5	7	0.005	5	178
93MOB1178	0.5	0.01	8	590	72	1	1	11	0.01	13	256
93MOB1180	0.5	0.01	8	770	92	1	1	13	0.01	13	200
93MOB1182	0.5	0.01	10	1200	84	2	1	28	0.01	15	174
93MOB1184	0.5	0.005	7	870	92	1	1	12	0.01	10	214
93MOB1186	0.5	0.01	16	880	92	1	2	21	0.03	23	226
93NA001h	0.5	0.005	10	660	68	1	1	31	0.03	21	308
93NA002h	1	0.01	13	560	28	1	3	12	0.06	34	298
93NA003h	1	0.01	9	310	14	1	2	11	0.05	27	142
93NA004h	0.5	0.01	11	320	36	1	2	8	0.04	30	182
93NA005h	0.5	0.005	17	450	76	1	1	11	0.09	48	254
93NA006h	0.5	0.005	11	690	102	1	1	17	0.02	18	332
93NA007h	1	0.01	14	870	38	1	2	15	0.04	23	222
93NA008h	0.5	0.01	11	930	62	2	1	24	0.02	14	398
93NA009h	1	0.01	26	620	18	1	5	21	0.10	54	146
93NA010h	0.5	0.005	6	520	78	1	1	9	0.03	23	190
93NA011h	0.5	0.005	6	980	100	1	1	23	0.02	19	262
93NA012h	0.5	0.005	5	420	58	1	0.5	12	0.01	9	96
93NA013h	0.5	0.01	9	960	66	1	2	31	0.02	17	184
93NA014h	0.5	0.01	8	940	66	2	2	27	0.02	25	114
93NA015h	0.5	0.005	6	380	38	1	1	11	0.02	15	112
93NA016h	0.5	0.01	7	750	62	1	1	30	0.02	20	224
93NA017h	0.5	0.01	10	570	18	2	2	47	0.04	25	242
93NA018h	0.5	0.01	8	420	48	2	1	19	0.03	17	110
93NA019h	0.5	0.005	3	310	20	1	1	9	0.03	21	48
93NA020h	0.5	0.01	12	460	32	1	3	16	0.07	34	122
93NA021h	0.5	0.005	11	780	58	1	1	23	0.01	9	208
93NA022h	0.5	0.005	8	650	106	1	0.5	29	0.01	9	226
93NA023h	2	0.01	9	530	30	1	1	99	0.03	17	80
93NA024h	0.5	0.005	8	630	20	1	0.5	13	0.01	10	70
93NA025h	0.5	0.005	8	720	90	1	1	22	0.03	14	232
93NA026h	1	0.005	7	460	54	1	1	16	0.03	16	164
93NA027h	0.5	0.005	7	880	36	1	0.5	21	0.005	6	130
93NA028h	0.5	0.01	7	310	14	1	2	11	0.04	20	70
93NA029h	0.5	0.01	12	370	24	1	3	11	0.07	51	54
93NA030h	0.5	0.005	6	350	8	1	1	8	0.04	20	52
93NA031h	0.5	0.005	5	350	26	1	1	13	0.02	13	68
93NA032h	0.5	0.005	7	290	28	1	1	9	0.03	16	54
93NA033h	0.5	0.01	6	570	24	2	1	18	0.02	12	74
93NA034h	0.5	0.01	9	430	28	1	1	14	0.09	34	90
93NA035h	0.5	0.005	6	540	18	1	0.5	17	0.03	12	58
93NA036h	0.5	0.005	6	380	12	1	1	8	0.02	14	68

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93NA037h	14	353957	6090170	CHEMEX	0.1	0.19	6	60	1	0.37	1.0	1	7	17	0.17	220	0.11	5	0.09	25
93NA038h	14	355543	6090960	CHEMEX	0.1	0.65	6	100	1	0.38	0.5	4	15	18	0.75	240	0.06	10	0.18	55
93NA039h	14	356164	6091829	CHEMEX	0.1	1.25	8	60	1	0.21	0.5	6	37	18	1.71	90	0.11	20	0.39	95
93NA040h	14	356407	6092168	CHEMEX	0.2	0.83	2	70	1	0.21	1.0	2	21	21	0.97	180	0.08	10	0.20	95
93NA041h	14	356928	6093362	CHEMEX	0.1	0.36	4	120	1	0.65	1.5	1	9	29	0.32	360	0.07	5	0.10	65
93NA042h	14	357533	6094253	CHEMEX	0.1	0.29	1	80	1	0.46	2.0	1	10	29	0.31	360	0.14	5	0.08	150
93NA043h	14	357956	6094848	CHEMEX	0.1	1.08	4	100	1	0.14	1.0	3	15	26	0.90	320	0.11	10	0.10	55
93NA044h	14	358296	6094873	CHEMEX	0.1	0.66	1	120	1	0.11	0.5	1	9	18	0.51	180	0.03	10	0.06	35
93NA045h	14	358485	6094993	CHEMEX	0.1	0.26	6	120	1	0.17	2.0	0.5	7	33	0.29	380	0.16	5	0.05	80
93NA046h	14	360235	6096082	CHEMEX	0.1	0.22	4	80	1	0.20	1.5	1	7	22	0.20	260	0.13	5	0.06	35
93NA047h	14	360898	6096206	CHEMEX	0.2	0.37	4	70	1	0.37	1.5	1	13	35	0.47	320	0.10	5	0.10	230
93NA048h	14	362748	6096366	CHEMEX	0.1	0.51	1	60	1	0.06	1.0	1	9	11	0.53	180	0.06	5	0.09	40
93NA049h	14	345782	6090527	CHEMEX	0.1	0.56	2	60	1	0.18	0.5	2	15	14	0.70	130	0.11	10	0.16	180
93NA050h	14	340355	6096741	CHEMEX	0.1	0.21	6	90	1	0.63	4.0	1	8	80	0.25	500	0.13	5	0.08	200
93NA051h	14	340998	6096650	CHEMEX	0.1	0.27	8	120	1	0.12	4.0	0.5	6	64	0.24	320	0.13	5	0.04	40
93NA052h	14	340546	6092446	CHEMEX	0.1	0.58	4	80	1	0.48	2.0	3	11	28	0.76	260	0.09	10	0.09	45
93NA053h	14	342227	6084919	CHEMEX	0.1	0.57	1	40	1	0.25	1.0	2	12	22	0.78	250	0.08	5	0.13	95
93NA054h	14	341732	6081958	CHEMEX	0.1	0.82	4	80	1	0.44	1.5	4	22	42	1.09	190	0.11	10	0.27	545
93NA055h	14	356144	6089847	CHEMEX	0.2	0.91	1	200	1	0.34	1.0	9	15	29	0.83	280	0.14	20	0.16	165
93NA056h	14	343737	6096446	CHEMEX	0.1	0.32	4	80	1	0.32	3.5	0.5	8	76	0.37	510	0.19	5	0.07	120
93NA057h	14	345931	6096483	CHEMEX	0.1	0.57	14	120	1	0.78	2.0	32	14	41	0.86	370	0.19	5	0.16	1125
93NA058h	14	346761	6096487	CHEMEX	0.2	0.82	4	150	1	0.32	1.0	3	12	34	0.66	300	0.07	10	0.07	40
93NA059h	14	345000	6096488	CHEMEX	0.1	0.43	1	140	1	0.25	1.5	1	16	28	0.73	240	0.07	5	0.14	60
93NA060h	14	360008	6094817	CHEMEX	0.1	0.27	1	140	1	0.27	1.0	1	10	17	0.36	220	0.09	5	0.07	60
93NA061h	14	361870	6094869	CHEMEX	0.1	0.89	1	110	1	0.21	0.5	2	24	15	0.95	100	0.07	10	0.19	65
93NA062h	14	361154	6094707	CHEMEX	0.1	0.55	2	130	1	0.26	1.0	1	9	21	0.50	240	0.07	5	0.08	30
93NA063h	14	341760	6080587	CHEMEX	0.1	0.47	1	110	1	0.20	1.5	2	17	49	0.73	260	0.06	10	0.12	275
93NA064h	14	342541	6080422	CHEMEX	0.1	0.32	10	110	1	0.58	4.0	1	11	109	0.36	720	0.16	5	0.08	700
93NA065h	14	343059	6080475	CHEMEX	0.2	0.24	1	100	1	0.72	2.0	2	11	64	0.36	360	0.12	5	0.08	245
93NA066h	14	343536	6080755	CHEMEX	0.2	0.25	1	190	1	0.41	3.0	2	12	51	0.34	350	0.14	5	0.09	450
93NA067h	14	341688	6078088	CHEMEX	0.1	1.27	2	40	1	0.14	0.5	3	27	17	1.43	120	0.06	10	0.30	100
93NA068h	14	342696	6074879	CHEMEX	0.1	0.27	4	100	1	0.47	2.0	1	11	76	0.38	500	0.08	5	0.08	210
93NA069h	14	356281	6094917	CHEMEX	0.1	0.49	1	70	1	0.27	0.5	2	18	9	0.84	90	0.09	10	0.18	140
93NA070h	14	356068	6093834	CHEMEX	0.1	0.17	1	70	1	0.70	0.5	0.5	8	12	0.20	170	0.07	5	0.06	105
93NA071h	14	344256	6080980	CHEMEX	0.2	0.72	12	210	1	0.17	2.0	7	18	44	1.12	200	0.08	5	0.15	200
93NA072h	14	344537	6081279	CHEMEX	0.2	0.31	4	140	1	0.96	3.5	3	11	69	0.42	500	0.19	5	0.17	1085
93NA073h	14	344786	6081635	CHEMEX	0.1	0.41	2	320	1	0.63	3.5	2	14	72	0.56	500	0.13	5	0.13	870
93NA074h	14	344152	6081882	CHEMEX	0.1	0.60	8	100	2	0.35	2.5	2	17	57	0.71	350	0.19	5	0.16	190
93NA075h	14	344803	6082468	CHEMEX	0.4	0.27	2	80	1	0.19	2.5	1	10	52	0.31	400	0.08	5	0.04	50
93NA076h	14	344786	6082509	CHEMEX	0.2	0.25	8	100	1	0.34	2.0	1	9	57	0.26	370	0.10	5	0.06	80
93NA077h	14	345141	6082824	CHEMEX	0.1	0.35	4	100	1	0.32	3.0	2	12	66	0.51	610	0.15	5	0.10	140
93NA078h	14	345326	6083354	CHEMEX	0.1	0.31	1	80	1	0.07	1.5	1	11	25	0.49	200	0.03	5	0.03	45
93NA079h	14	345475	6083877	CHEMEX	0.2	0.34	1	100	1	0.24	2.0	0.5	10	57	0.37	410	0.10	5	0.06	185
93NA080h	14	346226	6083892	CHEMEX	0.1	0.31	2	110	1	0.39	2.0	1	14	52	0.56	370	0.08	10	0.07	1050
93NA081h	14	347405	6083105	CHEMEX	0.1	0.21	1	50	1	0.35	2.0	0.5	11	42	0.26	530	0.12	5	0.06	330
93NA083h	14	347358	6081499	CHEMEX	0.1	0.11	1	30	1	2.73	0.5	1	10	12	0.19	180	0.01	5	0.25	15
93NA084h	14	347925	6080866	CHEMEX	0.1	0.55	6	190	1	0.59	3.0	1	8	61	0.38	280	0.08	5	0.09	320
93NA085h	14	349027	6080354	CHEMEX	0.2	0.48	4	510	1	1.48	4.0	4	15	53	0.76	300	0.14	5	0.20	4440
93NA086h	14	350557	6086703	CHEMEX	0.1	0.23	2	40	1	0.13	1.5	0.5	6	27	0.26	220	0.07	5	0.04	125
93NA087h	14	352619	6086547	CHEMEX	0.1	0.28	1	50	1	0.74	2.0	1	9	38	0.28	300	0.11	5	0.12	105

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA037h	0.5	0.01	4	480	38	1	0.5	30	0.005	3	64
93NA038h	0.5	0.01	10	460	18	1	1	25	0.06	16	42
93NA039h	0.5	0.01	14	460	14	1	3	14	0.07	34	42
93NA040h	1	0.005	9	570	26	1	2	13	0.04	21	96
93NA041h	0.5	0.005	6	700	62	1	0.5	39	0.01	7	124
93NA042h	0.5	0.005	7	840	52	2	0.5	13	0.005	7	136
93NA043h	0.5	0.005	9	1500	28	1	0.5	14	0.005	12	68
93NA044h	0.5	0.005	8	510	10	1	0.5	15	0.01	9	22
93NA045h	0.5	0.005	5	890	68	1	0.5	19	0.005	6	108
93NA046h	0.5	0.005	5	750	42	1	0.5	39	0.005	3	52
93NA047h	0.5	0.005	6	710	62	2	0.5	13	0.02	10	172
93NA048h	0.5	0.005	4	500	14	1	1	6	0.02	13	28
93NA049h	0.5	0.005	7	420	6	1	1	9	0.03	16	94
93NA050h	0.5	0.005	7	910	90	1	0.5	35	0.005	4	412
93NA051h	0.5	0.005	6	820	76	1	0.5	21	0.005	3	200
93NA052h	0.5	0.005	6	750	18	2	1	63	0.01	6	112
93NA053h	0.5	0.005	6	510	16	1	1	12	0.03	19	138
93NA054h	0.5	0.01	9	550	44	1	2	21	0.04	26	202
93NA055h	1	0.005	11	1160	26	1	0.5	36	0.01	14	44
93NA056h	0.5	0.005	7	1250	108	2	0.5	22	0.005	7	366
93NA057h	1	0.01	8	990	42	1	1	58	0.01	15	216
93NA058h	0.5	0.005	8	760	38	1	1	28	0.01	9	72
93NA059h	0.5	0.005	5	440	40	1	1	27	0.04	22	108
93NA060h	0.5	0.005	6	540	32	1	0.5	28	0.01	8	54
93NA061h	0.5	0.005	9	350	10	1	2	16	0.04	24	38
93NA062h	0.5	0.005	7	870	26	2	0.5	26	0.01	7	72
93NA063h	0.5	0.005	6	540	66	1	1	10	0.02	14	184
93NA064h	0.5	0.005	7	1210	108	1	0.5	28	0.005	7	626
93NA065h	0.5	0.005	4	980	98	1	0.5	24	0.005	6	272
93NA066h	0.5	0.005	8	1130	54	1	0.5	17	0.01	7	254
93NA067h	0.5	0.005	10	210	12	1	2	6	0.07	35	84
93NA068h	0.5	0.005	5	620	72	1	0.5	24	0.01	8	464
93NA069h	0.5	0.005	8	310	8	1	1	19	0.03	17	54
93NA070h	0.5	0.005	4	610	6	1	0.5	23	0.005	3	88
93NA071h	0.5	0.005	11	510	58	1	1	12	0.04	25	164
93NA072h	0.5	0.005	4	1190	58	1	0.5	23	0.01	9	586
93NA073h	0.5	0.005	6	970	90	1	0.5	24	0.01	11	482
93NA074h	0.5	0.005	10	770	80	1	1	18	0.02	15	246
93NA075h	0.5	0.005	6	730	84	1	0.5	22	0.005	6	198
93NA076h	0.5	0.005	4	790	100	1	0.5	24	0.005	4	320
93NA077h	0.5	0.005	10	1110	76	1	0.5	17	0.01	10	346
93NA078h	0.5	0.005	4	350	42	1	0.5	7	0.01	8	88
93NA079h	0.5	0.005	5	930	100	1	0.5	14	0.01	8	268
93NA080h	0.5	0.005	4	660	80	1	0.5	18	0.01	13	224
93NA081h	0.5	0.01	7	1030	42	1	0.5	12	0.005	5	290
93NA083h	0.5	0.01	4	470	1	2	0.5	74	0.005	2	6
93NA084h	0.5	0.01	7	970	68	1	0.5	30	0.005	7	226
93NA085h	0.5	0.005	8	850	92	2	1	62	0.02	16	460
93NA086h	0.5	0.005	4	560	42	1	0.5	11	0.005	4	162
93NA087h	0.5	0.005	6	750	62	1	0.5	26	0.005	6	176

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93NA088h	14	351813	6086818	CHEMEX	0.1	0.36	1	90	1	0.32	1.5	1	8	34	0.40	300	0.08	5	0.08	65
93NA089h	14	349764	6085065	CHEMEX	0.1	0.71	4	40	1	0.10	0.5	1	12	18	0.93	130	0.03	5	0.07	50
93NA090h	14	350233	6085763	CHEMEX	0.1	0.74	4	60	1	0.13	0.5	1	12	19	0.77	180	0.06	10	0.13	60
93NA091h	14	350106	6087612	CHEMEX	0.1	0.40	1	150	1	0.12	1.0	1	8	14	0.49	140	0.02	10	0.03	40
93NA092h	14	342903	6079610	CHEMEX	0.1	0.25	4	200	1	0.32	3.5	1	8	84	0.33	460	0.17	5	0.07	250
93NA093h	14	344292	6079687	CHEMEX	0.1	0.66	4	60	1	0.24	1.0	1	14	36	1.02	310	0.08	5	0.15	140
93NA094h	14	352770	6088540	CHEMEX	0.1	0.22	2	70	1	0.31	2.5	1	10	38	0.21	320	0.18	5	0.10	90
93NA095h	14	353488	6088009	CHEMEX	0.1	0.33	2	150	1	0.36	2.0	1	10	37	0.48	360	0.06	5	0.07	100
93NA096h	14	355269	6088177	CHEMEX	0.2	0.30	4	180	1	0.95	2.0	2	10	43	0.25	480	0.12	5	0.12	445
93NA097h	14	356382	6088276	CHEMEX	0.1	1.11	4	40	1	0.26	0.25	4	24	12	1.65	100	0.08	5	0.24	120
93NA098h	14	357069	6087950	CHEMEX	0.1	0.25	1	80	1	0.48	1.5	2	10	28	0.31	270	0.09	5	0.12	115
93NA099h	14	357822	6088232	CHEMEX	0.1	0.45	6	100	2	0.19	1.5	1	13	37	0.58	300	0.16	5	0.11	125
93NA100h	14	359059	6088401	CHEMEX	0.1	0.23	4	80	1	0.22	1.5	2	7	27	0.24	280	0.09	5	0.09	55
93NA101h	14	360218	6089166	CHEMEX	0.1	0.30	1	140	1	0.24	1.5	4	9	29	0.27	300	0.10	5	0.07	55
93NA102h	14	360496	6089362	CHEMEX	0.1	0.90	1	50	1	0.20	0.5	2	22	23	1.65	100	0.08	5	0.21	90
93NA103h	14	360683	6089363	CHEMEX	0.1	0.22	4	50	1	0.38	1.5	0.5	7	30	0.22	370	0.12	5	0.07	145
93NA104h	14	344699	6079453	CHEMEX	0.1	0.29	8	150	2	0.53	3.5	0.5	8	67	0.34	590	0.12	5	0.08	510
93NA105h	14	346396	6080221	CHEMEX	0.1	0.31	1	100	1	0.19	0.5	1	10	12	0.61	80	0.04	10	0.07	280
93NA106h	14	348007	6079279	CHEMEX	0.1	0.36	1	100	1	0.22	1.0	1	13	20	0.77	200	0.04	5	0.08	90
93NA107h	14	350033	6079349	CHEMEX	0.1	0.28	2	310	1	1.42	4.5	2	11	59	0.34	580	0.18	5	0.18	3020
93NA108h	14	350461	6081396	CHEMEX	0.2	0.25	4	200	1	0.80	2.0	0.5	11	43	0.34	350	0.08	5	0.09	1645
93NA109h	14	351588	6082237	CHEMEX	0.1	0.48	2	190	1	0.19	1.5	1	14	24	0.85	260	0.10	5	0.12	205
93NA110h	14	353161	6085121	CHEMEX	0.2	0.27	8	120	1	0.75	3.0	1	10	70	0.34	550	0.13	5	0.07	815
93NA111h	14	352262	6084433	CHEMEX	0.1	0.32	4	110	1	0.28	1.5	1	9	27	0.35	320	0.05	5	0.10	110
93NA112h	14	352121	6083448	CHEMEX	0.2	0.32	8	360	1	0.76	3.5	3	10	81	0.43	580	0.11	5	0.07	3995
93NA113h	14	351788	6082890	CHEMEX	0.2	0.29	1	300	1	0.22	1.5	3	9	34	0.55	180	0.05	5	0.06	830
93NA114h	14	351004	6083415	CHEMEX	0.1	0.20	2	180	1	1.12	3.0	1	11	63	0.24	600	0.18	5	0.09	1520
93NA115h	14	350648	6082815	CHEMEX	0.1	0.33	2	140	1	0.12	1.5	0.5	10	34	0.46	240	0.06	5	0.05	60
93NA116h	14	349295	6081939	CHEMEX	0.1	0.30	1	80	1	0.25	1.5	1	12	26	0.54	160	0.06	5	0.07	485
93NA117h	14	358221	6093467	CHEMEX	0.1	0.24	2	130	1	0.28	1.5	1	9	29	0.23	300	0.14	5	0.06	100
93NA118h	14	359554	6092862	CHEMEX	0.1	0.24	1	100	1	0.25	1.0	0.5	16	19	0.27	300	0.11	5	0.08	145
93NA119h	14	360074	6092138	CHEMEX	0.2	0.44	1	130	1	0.21	1.0	6	14	18	0.68	170	0.11	10	0.12	935
93NA120h	14	359240	6092089	CHEMEX	0.2	0.27	1	100	1	0.29	1.5	0.5	9	34	0.37	350	0.12	5	0.07	130
93NA121h	14	358372	6092631	CHEMEX	0.2	0.37	8	150	1	0.68	2.0	2	10	52	0.35	550	0.16	5	0.09	2170
93NA122h	14	359682	6093659	CHEMEX	0.1	0.27	1	170	1	0.46	1.5	1	15	21	0.45	270	0.09	5	0.10	1950
93NA123h	14	341012	6095405	CHEMEX	0.2	0.42	4	280	1	0.29	1.0	5	16	33	0.66	130	0.10	10	0.12	1520
93NA124h	14	340311	6095932	CHEMEX	0.1	0.31	6	210	1	0.46	4.0	1	10	91	0.32	580	0.10	5	0.06	170
93NA125h	14	340167	6094007	CHEMEX	0.2	0.23	8	50	1	0.28	3.0	0.5	9	89	0.28	490	0.10	5	0.06	60
93NA126h	14	341277	6093874	CHEMEX	0.1	0.23	18	110	1	0.77	4.0	1	10	101	0.27	530	0.09	5	0.08	140
93NA127h	14	353161	6095019	CHEMEX	0.1	0.45	4	220	1	0.65	1.5	2	13	30	0.52	290	0.16	5	0.15	660
93NA128h	14	352067	6094670	CHEMEX	0.1	0.24	1	160	1	0.29	2.5	2	10	38	0.31	380	0.12	5	0.10	270
93NA129h	14	351901	6096214	CHEMEX	0.2	0.29	1	330	1	1.48	3.5	2	10	56	0.36	390	0.17	5	0.13	2620
93NA130h	14	350744	6096160	CHEMEX	0.2	0.23	1	130	1	0.20	2.0	1	8	31	0.29	320	0.14	5	0.08	350
93NA131h	14	348015	6094081	CHEMEX	0.1	0.44	1	140	1	0.31	1.5	2	12	40	0.67	290	0.11	5	0.14	470
93NA132h	14	346946	6093923	CHEMEX	0.1	0.29	1	160	1	0.37	1.0	1	9	29	0.46	240	0.08	5	0.08	195
93NA133h	14	345827	6094048	CHEMEX	0.1	0.26	2	80	1	0.25	0.5	1	8	36	0.65	220	0.06	5	0.06	170
93NA134h	14	360293	6090251	CHEMEX	0.1	0.34	6	450	1	0.50	2.5	3	9	57	0.38	650	0.12	5	0.08	2585
93NA135h	14	361890	6090700	CHEMEX	0.1	0.34	1	210	1	0.76	3.5	2	32	50	0.42	400	0.12	5	0.13	3015
93NA136h	14	361738	6089938	CHEMEX	0.1	0.25	1	90	1	0.27	1.5	1	7	25	0.25	330	0.11	5	0.06	90
93NA137h	14	361346	6089089	CHEMEX	0.1	0.14	1	90	1	0.33	2.0	1	8	24	0.15	390	0.14	5	0.07	485

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA088h	0.5	0.005	7	810	44	1	0.5	18	0.005	5	140
93NA089h	0.5	0.005	4	380	18	1	0.5	8	0.03	19	72
93NA090h	0.5	0.005	7	410	26	1	1	14	0.03	16	74
93NA091h	0.5	0.005	5	330	6	1	0.5	24	0.005	8	40
93NA092h	0.5	0.005	6	1170	92	2	0.5	24	0.005	6	444
93NA093h	0.5	0.01	5	490	36	1	1	10	0.03	26	174
93NA094h	0.5	0.005	7	710	50	1	0.5	20	0.005	4	196
93NA095h	0.5	0.005	7	550	56	1	0.5	18	0.01	8	140
93NA096h	0.5	0.005	9	1130	54	1	0.5	38	0.005	4	220
93NA097h	1	0.01	9	330	6	1	2	11	0.07	34	60
93NA098h	0.5	0.005	7	710	36	1	0.5	36	0.01	6	126
93NA099h	0.5	0.005	7	790	56	1	1	17	0.01	11	128
93NA100h	0.5	0.005	6	660	42	1	0.5	32	0.005	4	86
93NA101h	0.5	0.005	11	820	32	2	0.5	46	0.005	4	66
93NA102h	0.5	0.01	9	360	8	1	2	9	0.06	46	64
93NA103h	0.5	0.005	6	750	32	1	0.5	19	0.005	4	162
93NA104h	0.5	0.005	4	1130	88	1	0.5	27	0.005	6	452
93NA105h	0.5	0.005	3	370	12	1	0.5	13	0.02	13	54
93NA106h	0.5	0.005	6	450	32	1	0.5	17	0.02	21	92
93NA107h	1	0.005	6	1390	52	1	0.5	49	0.01	7	650
93NA108h	0.5	0.005	5	780	78	1	0.5	34	0.01	8	272
93NA109h	0.5	0.005	7	780	32	1	1	21	0.03	17	126
93NA110h	0.5	0.005	6	940	84	1	0.5	23	0.005	7	280
93NA111h	0.5	0.005	6	570	34	1	0.5	28	0.01	7	106
93NA112h	0.5	0.005	7	770	176	1	0.5	37	0.005	9	404
93NA113h	0.5	0.005	5	360	48	2	1	19	0.01	10	176
93NA114h	0.5	0.005	7	1240	76	1	0.5	33	0.005	4	412
93NA115h	0.5	0.005	4	550	56	1	0.5	20	0.005	9	124
93NA116h	0.5	0.005	4	400	48	1	0.5	11	0.01	11	136
93NA117h	0.5	0.005	6	1000	46	1	0.5	32	0.005	3	138
93NA118h	0.5	0.005	7	860	24	1	0.5	17	0.005	4	108
93NA119h	0.5	0.005	6	570	26	1	1	18	0.02	13	68
93NA120h	0.5	0.005	5	860	52	1	0.5	14	0.01	7	134
93NA121h	0.5	0.005	8	1310	108	2	0.5	26	0.005	8	268
93NA122h	0.5	0.005	5	670	26	1	0.5	17	0.01	9	208
93NA123h	0.5	0.005	8	600	36	1	1	23	0.03	14	122
93NA124h	0.5	0.005	7	780	124	1	0.5	31	0.005	5	412
93NA125h	0.5	0.005	4	930	112	1	0.5	16	0.005	5	402
93NA126h	0.5	0.005	7	760	142	1	0.5	30	0.005	4	324
93NA127h	0.5	0.005	8	1080	40	1	0.5	38	0.02	11	258
93NA128h	0.5	0.005	7	1120	54	1	0.5	21	0.005	6	208
93NA129h	0.5	0.005	5	1270	94	2	0.5	66	0.005	7	418
93NA130h	0.5	0.005	5	1120	34	1	0.5	16	0.005	6	258
93NA131h	0.5	0.005	6	720	74	2	1	18	0.02	13	280
93NA132h	0.5	0.005	6	680	40	1	0.5	28	0.005	8	142
93NA133h	0.5	0.005	3	470	60	1	0.5	13	0.005	12	158
93NA134h	0.5	0.005	9	1160	116	1	0.5	35	0.005	9	198
93NA135h	4	0.005	24	1140	80	1	0.5	31	0.005	9	298
93NA136h	0.5	0.005	7	880	52	1	0.5	24	0.005	5	132
93NA137h	0.5	0.005	5	1370	32	2	0.5	21	0.005	3	168

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
93NA138h	14	365458	6094906	CHEMEX	0.1	0.36	6	310	1	0.77	3.0	4	8	50	0.41	580	0.12	5	0.08	2575
93NA139h	14	364848	6094453	CHEMEX	0.1	0.37	1	190	1	0.39	0.5	4	11	10	0.67	90	0.06	10	0.11	2140
93NA140h	14	363575	6093734	CHEMEX	0.1	0.19	4	70	1	0.45	1.0	1	7	22	0.21	270	0.11	5	0.08	60
93NA141h	14	362566	6094033	CHEMEX	0.2	0.30	4	170	1	0.66	1.5	3	9	32	0.41	260	0.10	5	0.09	565
93NA142h	14	361604	6093777	CHEMEX	0.1	0.25	1	120	1	0.32	1.5	2	10	26	0.36	280	0.10	5	0.08	100
93NA143h	14	363608	6092775	CHEMEX	0.1	0.20	1	80	1	0.21	1.0	1	7	20	0.23	270	0.11	5	0.08	85
93NA144h	14	364174	6092246	CHEMEX	0.1	0.11	1	60	1	0.27	1.0	1	4	18	0.14	230	0.09	5	0.04	35
93NA145h	14	364211	6093371	CHEMEX	0.2	0.43	6	170	1	0.95	1.0	16	10	28	0.56	240	0.10	10	0.14	1590
93NA146h	14	365254	6093850	CHEMEX	0.1	0.25	1	90	1	0.38	1.5	1	8	24	0.34	280	0.11	5	0.07	285
93NA147h	14	365311	6093094	CHEMEX	0.1	0.27	1	140	1	0.52	1.5	1	7	34	0.32	400	0.14	5	0.09	865
93NA148h	14	366291	6093441	CHEMEX	0.4	0.61	1	160	1	1.15	4.5	9	30	1816	1.20	650	0.14	5	0.43	1130
93NA149h	14	345047	6075573	CHEMEX	0.1	0.31	2	130	1	0.44	3.0	2	11	78	0.52	400	0.07	5	0.11	655
93NA150h	14	346088	6075797	CHEMEX	0.1	0.56	1	270	1	0.59	1.5	3	48	53	1.16	200	0.04	5	0.10	745
93NA151h	14	346931	6075902	CHEMEX	0.2	0.22	2	160	1	0.73	4.0	1	5	80	0.28	570	0.10	5	0.08	795
93NA152h	14	346364	6076443	CHEMEX	0.1	0.49	1	250	1	0.83	3.5	5	14	77	0.87	400	0.14	5	0.20	1815
93NA153h	14	344977	6076455	CHEMEX	0.1	0.52	2	380	1	1.07	2.0	3	17	51	0.71	240	0.11	5	0.33	1265
93NA154h	14	344244	6076279	CHEMEX	0.1	0.32	6	410	1	0.63	2.5	3	9	70	0.45	380	0.08	5	0.12	1390
93NA155h	14	342953	6073802	CHEMEX	0.1	0.40	8	120	1	1.88	3.0	2	12	75	0.49	380	0.07	5	0.23	170
93NA156h	14	343683	6074529	CHEMEX	0.2	0.28	14	190	1	0.49	4.5	1	9	132	0.35	540	0.12	5	0.07	260
93NA157h	14	344377	6074888	CHEMEX	0.1	0.38	4	170	1	0.39	4.5	1	11	115	0.46	520	0.10	5	0.09	120
94FF001H	14	317464	6074607	CHEMEX	2.4	1.25	88	110	1	1.43	36.0	13	28	1770	2.92	10300	0.16	5	0.75	700
94FF002H	14	318220	6076547	CHEMEX	1.8	1.40	82	110	2	0.43	13.0	10	24	1580	3.74	8950	0.12	5	0.77	220
94FF003H	14	318400	6077186	CHEMEX	2.0	0.68	44	330	1	0.90	32.0	13	13	1205	1.47	2300	0.13	5	0.35	1575
94FF004H	14	318226	6077621	CHEMEX	1.8	0.43	40	390	1	0.88	28.0	10	8	1190	1.06	960	0.08	5	0.14	905
94FF005H	14	318070	6078196	CHEMEX	2.4	0.41	38	250	1	0.60	38.0	9	9	1575	1.36	2250	0.11	5	0.17	605
94FF006H	14	317766	6078860	CHEMEX	2.2	0.48	54	240	1	0.83	38.0	16	12	1335	1.19	2200	0.09	5	0.18	1145
94FF007H	14	316925	6079392	CHEMEX	1.4	0.52	32	250	1	0.38	19.5	7	5	827	0.77	1750	0.09	10	0.09	415
94FF008H	14	316328	6079439	CHEMEX	1.4	0.53	30	140	1	0.24	17.5	3	12	696	1.06	1400	0.09	5	0.14	125
94FF009H	14	316086	6079928	CHEMEX	2.0	0.86	78	220	1	0.34	20.0	6	11	1120	1.51	2000	0.11	10	0.18	505
94FF010H	14	315701	6080387	CHEMEX	0.6	1.22	44	110	1	0.11	9.5	4	18	507	1.57	1000	0.08	10	0.21	90
94FF011H	14	315281	6080972	CHEMEX	0.8	0.85	32	340	1	1.67	20.5	11	26	822	1.54	1700	0.16	5	0.43	1100
94FF012H	14	315529	6081241	CHEMEX	1.2	0.94	38	470	1	1.22	23.5	11	21	738	1.37	940	0.13	5	0.34	2310
94FF013H	14	315788	6081833	CHEMEX	2.0	0.72	42	290	1	2.55	27.0	12	15	912	1.16	2050	0.15	5	0.25	1610
94FF014H	14	315774	6082487	CHEMEX	0.4	0.95	22	270	1	1.21	16.0	10	34	573	1.36	970	0.07	5	0.49	1315
94FF015H	14	316068	6083227	CHEMEX	0.4	0.37	18	100	1	0.77	11.0	5	9	414	0.68	1300	0.10	5	0.14	190
94FF016H	14	316545	6083547	CHEMEX	0.4	0.32	30	170	1	0.84	16.0	4	6	472	0.56	1750	0.09	5	0.12	975
94FF017H	14	317170	6083742	CHEMEX	0.2	0.44	12	150	1	0.32	6.0	2	7	257	0.63	880	0.06	5	0.10	85
94FF018H	14	318858	6084271	CHEMEX	0.2	0.28	18	80	1	0.26	7.0	3	7	249	0.46	700	0.04	5	0.09	60
94FF019H	14	319140	6085815	CHEMEX	0.8	0.43	10	150	1	0.64	10.5	5	9	360	0.71	2050	0.13	5	0.17	1180
94FF020H	14	319922	6087006	CHEMEX	0.1	0.57	6	40	1	0.30	2.0	2	12	93	0.62	430	0.04	5	0.12	80
94FF021H	14	320639	6087098	CHEMEX	0.6	0.56	22	80	1	0.22	6.5	2	13	334	0.74	1200	0.14	5	0.14	165
94FF022H	14	321402	6087328	CHEMEX	0.1	0.51	14	90	1	0.13	6.0	2	9	224	0.65	710	0.10	5	0.09	65
94FF023H	14	317937	6075495	CHEMEX	5.6	1.03	92	220	1	0.34	41.5	10	17	2960	2.87	6550	0.09	10	0.49	145
94FF024H	14	315874	6073880	CHEMEX	7.6	0.42	120	360	1	0.65	92.5	16	10	3090	1.93	9750	0.07	5	0.19	1250
94FF025A	14	317877	6072592	CHEMEX	2.0	0.64	40	100	1	0.44	26.0	6	15	1285	1.30	13000	0.11	10	0.27	200
94FF025B	14	317877	6072592	CHEMEX	5.6	0.75	82	90	1	0.64	46.0	14	26	3670	2.84	23700	0.19	5	0.47	190
94FF026H	14	317427	6071251	CHEMEX	3.6	0.72	60	90	1	0.79	51.0	11	23	1740	2.17	36000	0.18	10	0.44	220
94FF027H	14	318217	6070648	CHEMEX	3.4	1.03	102	110	1	0.94	39.0	19	28	1885	2.60	4250	0.21	10	0.63	735
94FF028H	14	319796	6070616	CHEMEX	2.2	1.17	72	130	1	1.38	31.5	17	22	1135	2.70	7150	0.17	5	0.66	920
94FF029H	14	318876	6071651	CHEMEX	2.0	0.72	30	60	1	0.61	22.5	9	18	1130	1.56	14500	0.12	10	0.38	205

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA138h	0.5	0.005	9	1180	80	1	0.5	34	0.005	8	222
93NA139h	0.5	0.005	4	330	14	1	1	26	0.02	14	30
93NA140h	0.5	0.005	5	1060	46	2	0.5	28	0.005	4	100
93NA141h	0.5	0.005	6	830	86	1	0.5	35	0.01	8	142
93NA142h	0.5	0.005	8	890	40	1	0.5	27	0.005	7	100
93NA143h	0.5	0.005	6	1080	34	1	0.5	16	0.005	5	86
93NA144h	0.5	0.005	4	870	24	2	0.5	27	0.005	2	58
93NA145h	0.5	0.005	8	930	52	1	0.5	48	0.01	11	130
93NA146h	0.5	0.005	6	890	34	2	0.5	15	0.005	7	130
93NA147h	1	0.005	9	1190	42	1	0.5	25	0.01	7	160
93NA148h	0.5	0.005	20	1220	50	1	2	44	0.02	24	1096
93NA149h	0.5	0.005	5	670	84	1	0.5	19	0.01	14	474
93NA150h	0.5	0.005	12	540	50	1	0.5	41	0.005	57	166
93NA151h	0.5	0.005	4	800	70	2	0.5	29	0.005	6	576
93NA152h	0.5	0.005	8	1150	84	2	0.5	39	0.02	23	602
93NA153h	0.5	0.005	8	840	62	2	1	54	0.02	16	304
93NA154h	0.5	0.005	8	830	96	2	0.5	37	0.005	10	394
93NA155h	0.5	0.01	6	640	100	2	1	57	0.01	11	292
93NA156h	0.5	0.005	7	840	144	1	0.5	24	0.01	7	584
93NA157h	0.5	0.005	6	750	174	2	0.5	28	0.01	10	482
94FF001H	1	0.01	14	1020	532	12	3	21	0.06	40	9160
94FF002H	0.5	0.01	11	760	510	6	4	14	0.09	51	2920
94FF003H	0.5	0.01	9	790	836	8	1	35	0.03	18	4710
94FF004H	0.5	0.005	6	710	678	8	1	25	0.01	11	4510
94FF005H	0.5	0.005	7	860	1095	8	1	37	0.01	10	4960
94FF006H	0.5	0.005	8	880	974	10	1	34	0.01	11	4920
94FF007H	0.5	0.005	8	1070	720	6	0.5	31	0.01	7	3000
94FF008H	0.5	0.005	6	640	554	6	0.5	19	0.01	13	2420
94FF009H	0.5	0.005	7	1060	1035	10	1	23	0.02	18	2920
94FF010H	0.5	0.005	10	840	328	4	1	16	0.03	23	1435
94FF011H	0.5	0.005	16	1190	544	10	2	32	0.03	23	4040
94FF012H	0.5	0.01	11	1150	608	6	2	42	0.03	22	3320
94FF013H	0.5	0.01	11	1610	586	6	1	34	0.01	15	5030
94FF014H	0.5	0.01	11	650	492	6	2	31	0.03	27	2420
94FF015H	0.5	0.005	5	760	334	4	0.5	28	0.01	10	1815
94FF016H	0.5	0.005	6	830	402	6	0.5	31	0.01	9	2170
94FF017H	0.5	0.01	4	630	254	4	1	23	0.01	12	918
94FF018H	0.5	0.005	5	630	234	1	0.5	26	0.01	9	1155
94FF019H	0.5	0.01	4	1080	326	6	0.5	40	0.01	12	1850
94FF020H	0.5	0.01	4	410	82	1	1	7	0.11	18	320
94FF021H	0.5	0.005	7	870	436	2	1	15	0.02	15	1085
94FF022H	1	0.005	5	800	270	2	0.5	14	0.02	12	916
94FF023H	0.5	0.01	10	670	1630	12	3	14	0.04	35	5030
94FF024H	0.5	0.005	8	740	1450	20	0.5	47	0.01	12	10000
94FF025A	0.5	0.005	8	760	432	6	1	16	0.03	19	5590
94FF025B	0.5	0.01	21	1070	882	10	2	22	0.03	24	10000
94FF026H	0.5	0.01	12	860	538	8	2	35	0.03	22	10000
94FF027H	0.5	0.01	15	1060	1100	10	3	32	0.04	34	6970
94FF028H	0.5	0.01	19	1200	480	8	2	30	0.02	34	8200
94FF029H	0.5	0.005	11	650	254	4	2	19	0.04	23	6110

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94FF030H	14	322125	6097616	CHEMEX	0.1	0.38	2	280	1	0.52	4.5	3	11	113	0.53	400	0.16	5	0.17	260
94FF031H	14	322980	6097247	CHEMEX	0.2	0.30	6	320	1	0.71	4.0	1	4	130	0.33	790	0.13	5	0.09	765
94FF032H	14	323982	6097298	CHEMEX	0.2	0.77	10	140	1	0.14	4.0	2	9	155	1.11	530	0.16	5	0.10	60
94FF033H	14	324712	6097345	CHEMEX	0.1	0.31	4	140	1	0.33	3.5	1	6	120	0.37	550	0.14	5	0.08	70
94FF034H	14	325212	6097736	CHEMEX	0.1	0.48	10	90	1	0.22	3.5	1	7	114	0.44	750	0.13	5	0.08	85
94FF035H	14	327134	6097391	CHEMEX	0.1	0.41	4	100	1	0.30	4.0	1	9	128	0.55	660	0.15	5	0.11	245
94FF036H	14	328479	6097629	CHEMEX	0.1	0.21	2	70	1	0.22	3.0	0.5	4	73	0.25	410	0.13	5	0.06	90
94FF037H	14	334876	6083081	CHEMEX	0.1	1.25	34	230	2	1.69	5.5	37	39	172	1.97	490	0.13	5	0.82	1730
94FF038H	14	335860	6083168	CHEMEX	0.1	1.69	6	200	1	1.68	2.5	10	47	77	2.30	530	0.61	10	0.78	1600
94FF039H	14	336787	6083134	CHEMEX	0.1	0.48	10	420	1	2.12	8.5	6	10	133	0.63	540	0.15	5	0.30	3480
94FF040H	14	337819	6083816	CHEMEX	0.1	0.82	22	410	1	2.30	5.0	7	12	105	1.15	510	0.20	5	0.35	1460
94FF041H	14	338911	6083904	CHEMEX	0.1	0.75	4	210	1	1.27	2.0	11	10	61	1.02	370	0.12	5	0.26	1060
94FF042H	14	317104	6075434	CHEMEX	6.6	0.82	116	170	1	0.22	46.5	10	14	3820	3.10	12400	0.10	5	0.22	110
94FF043H	14	316573	6076613	CHEMEX	0.8	1.12	36	170	1	0.43	20.0	9	26	590	1.52	1350	0.21	5	0.38	130
94FF044H	14	337198	6095061	CHEMEX	0.1	0.26	1	260	1	1.58	4.0	2	4	61	0.31	290	0.25	5	0.18	1145
94FF045H	14	338288	6094944	CHEMEX	0.4	0.49	4	570	1	1.13	4.0	9	9	77	0.64	340	0.15	5	0.17	4060
94FF046H	14	338158	6094224	CHEMEX	0.1	0.23	2	110	1	0.89	3.5	0.5	3	81	0.27	360	0.16	5	0.10	425
94FF047H	14	337197	6096301	CHEMEX	0.1	0.33	24	200	1	0.50	7.0	1	4	177	0.37	460	0.13	5	0.07	600
94FF048H	14	338861	6096468	CHEMEX	0.1	0.27	2	50	1	0.33	2.5	0.5	4	59	0.30	200	0.11	5	0.07	115
94FF049H	14	331716	6095894	CHEMEX	0.1	0.36	6	310	1	1.35	7.0	2	6	147	0.47	850	0.16	5	0.15	2540
94FF050H	14	332548	6095299	CHEMEX	0.1	0.33	12	170	1	0.65	5.0	1	4	160	0.40	1100	0.12	5	0.08	830
94FF051H	14	333884	6095258	CHEMEX	0.1	0.26	1	460	1	1.13	4.5	1	4	101	0.34	670	0.22	5	0.12	1595
94FF052H	14	334514	6096222	CHEMEX	0.1	0.45	4	180	1	0.35	2.0	1	10	78	0.59	420	0.08	5	0.08	235
94FF053H	14	335933	6095694	CHEMEX	0.1	0.35	12	300	1	1.31	8.0	2	5	142	0.37	770	0.13	5	0.11	1270
94FF054H	14	335042	6095223	CHEMEX	0.1	0.40	1	180	1	0.14	4.0	1	8	70	0.48	410	0.11	5	0.09	90
94FF055H	14	331095	6094045	CHEMEX	0.1	0.20	1	140	1	0.59	5.5	1	4	93	0.25	840	0.24	5	0.11	1165
94FF056H	14	331605	6070924	CHEMEX	0.8	0.38	26	190	1	1.13	17.5	4	6	486	0.57	1500	0.11	5	0.13	975
94FF057H	14	330698	6071657	CHEMEX	0.1	0.73	18	240	1	2.01	6.0	7	18	221	1.12	910	0.21	5	0.44	940
94FF058H	14	332759	6072563	CHEMEX	0.1	0.42	18	330	1	1.99	15.5	4	7	382	0.55	1500	0.17	5	0.19	1130
94FF059H	14	317774	6070671	CHEMEX	1.4	0.91	48	140	1	0.76	23.0	9	30	841	2.06	8950	0.18	10	0.42	215
94FF060H	14	333096	6093630	CHEMEX	0.1	0.42	2	330	1	2.16	5.0	2	8	134	0.57	810	0.23	5	0.26	2020
94FF061H	14	330669	6092950	CHEMEX	0.2	0.29	2	120	1	0.45	5.0	1	3	131	0.31	780	0.14	5	0.08	170
94FF062H	14	329358	6093328	CHEMEX	0.1	0.38	1	240	1	0.35	5.0	2	5	145	0.42	980	0.10	5	0.07	75
94FF063H	14	328544	6092406	CHEMEX	0.2	0.62	6	120	1	0.56	6.0	7	31	193	0.89	830	0.14	5	0.27	1140
94FF064H	14	327085	6093152	CHEMEX	0.2	0.45	1	290	1	0.31	5.5	2	10	129	0.58	90	0.08	10	0.06	320
94FF065H	14	328175	6093743	CHEMEX	0.1	0.43	1	380	1	0.41	4.5	5	6	115	0.43	460	0.12	5	0.08	240
94FF066H	14	320999	6088258	CHEMEX	0.1	0.41	12	180	1	0.29	5.5	1	8	202	0.65	650	0.06	5	0.07	290
94FF067H	14	321208	6090668	CHEMEX	0.2	0.42	28	130	1	0.46	10.0	2	7	386	0.67	980	0.12	5	0.09	215
94FF068H	14	322375	6089090	CHEMEX	0.6	0.37	12	200	1	0.75	6.0	2	6	215	0.47	960	0.14	5	0.09	460
94FF069H	14	322403	6089431	CHEMEX	0.8	1.31	22	280	1	1.17	11.0	7	24	204	3.86	1350	0.61	5	0.74	4230
94FF070H	14	323690	6090186	CHEMEX	0.1	1.45	26	120	1	0.79	6.0	4	16	107	1.28	450	0.16	10	0.45	1455
94FF071H	14	325564	6091136	CHEMEX	0.1	0.31	12	180	1	1.64	11.5	3	4	244	0.43	1500	0.20	5	0.18	1055
94FF072H	14	315755	6087673	CHEMEX	0.2	0.55	22	140	1	0.46	9.5	2	14	289	0.74	660	0.17	5	0.18	130
94FF073H	14	316564	6088129	CHEMEX	0.2	0.44	16	380	1	0.76	10.5	4	10	291	0.70	610	0.09	5	0.12	3290
94FF074H	14	317456	6086695	CHEMEX	0.2	0.19	8	140	1	0.80	8.5	2	3	255	0.32	1150	0.15	5	0.09	385
94FF075H	14	318475	6089226	CHEMEX	0.1	0.21	6	140	1	1.04	7.5	4	3	204	0.29	1600	0.14	5	0.19	490
94FF076H	14	318040	6087978	CHEMEX	0.2	0.25	4	170	1	0.92	11.0	2	7	294	0.47	1100	0.12	5	0.16	905
94FF077H	14	319639	6087780	CHEMEX	0.4	0.46	8	210	1	0.58	6.5	3	11	217	0.78	990	0.13	5	0.18	1575
94FF078H	14	319206	6090692	CHEMEX	0.2	0.42	4	150	1	0.49	5.5	2	10	234	0.54	1650	0.14	5	0.11	410
94FF079H	14	316946	6091338	CHEMEX	0.2	0.24	28	150	1	0.61	10.5	1	6	308	0.35	890	0.07	5	0.06	420

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF030H	0.5	0.005	10	930	110	1	0.5	35	0.02	13	354
94FF031H	0.5	0.005	4	950	190	2	0.5	46	0.005	7	414
94FF032H	0.5	0.005	6	970	208	2	1	16	0.01	14	326
94FF033H	0.5	0.005	4	670	178	4	0.5	30	0.01	8	340
94FF034H	0.5	0.005	5	910	166	2	0.5	16	0.01	9	446
94FF035H	1	0.005	6	1070	170	2	0.5	13	0.01	12	558
94FF036H	0.5	0.005	3	670	124	1	0.5	20	0.005	5	244
94FF037H	0.5	0.005	36	1330	166	6	2	40	0.04	33	876
94FF038H	0.5	0.02	27	1240	20	4	4	30	0.08	49	406
94FF039H	0.5	0.005	9	1110	158	6	1	40	0.01	14	928
94FF040H	0.5	0.01	8	860	128	4	2	63	0.03	26	586
94FF041H	0.5	0.01	8	950	86	2	2	46	0.03	24	296
94FF042H	0.5	0.01	9	830	2580	20	2	15	0.03	22	8430
94FF043H	0.5	0.01	17	440	314	4	2	40	0.06	25	3600
94FF044H	0.5	0.005	4	1760	58	2	0.5	73	0.005	5	604
94FF045H	0.5	0.005	6	1110	152	4	0.5	59	0.01	12	530
94FF046H	0.5	0.005	3	1140	120	2	0.5	33	0.005	5	412
94FF047H	0.5	0.005	4	940	308	4	0.5	26	0.005	7	644
94FF048H	0.5	0.005	4	740	110	1	0.5	16	0.005	6	244
94FF049H	0.5	0.005	5	1350	270	6	0.5	68	0.01	8	918
94FF050H	0.5	0.005	4	1020	232	2	0.5	32	0.005	7	668
94FF051H	0.5	0.005	4	1320	142	2	0.5	72	0.005	6	656
94FF052H	1	0.005	3	620	134	1	1	23	0.01	9	258
94FF053H	0.5	0.005	6	1250	252	2	0.5	60	0.005	8	756
94FF054H	0.5	0.01	3	860	118	4	0.5	24	0.01	9	332
94FF055H	0.5	0.005	4	1690	84	4	0.5	28	0.005	4	672
94FF056H	0.5	0.005	4	930	648	8	0.5	50	0.01	10	2110
94FF057H	0.5	0.01	8	1060	188	4	2	58	0.03	20	1040
94FF058H	0.5	0.01	6	1330	326	2	0.5	85	0.01	10	1980
94FF059H	1	0.01	26	2200	320	6	1	29	0.03	24	6270
94FF060H	0.5	0.01	6	1970	164	2	0.5	98	0.01	10	1055
94FF061H	0.5	0.005	4	1100	154	4	0.5	21	0.005	5	730
94FF062H	0.5	0.005	6	1030	182	2	0.5	42	0.005	7	566
94FF063H	0.5	0.005	22	1140	222	4	1	21	0.02	18	968
94FF064H	0.5	0.01	9	890	160	2	1	25	0.01	10	432
94FF065H	0.5	0.01	8	1040	138	1	0.5	68	0.005	7	422
94FF066H	0.5	0.005	3	580	216	2	0.5	14	0.01	10	738
94FF067H	0.5	0.005	4	970	466	2	1	23	0.01	10	1480
94FF068H	0.5	0.005	5	1020	336	4	0.5	32	0.01	10	1055
94FF069H	2	0.005	11	1770	166	6	3	52	0.10	57	2020
94FF070H	0.5	0.01	11	1530	98	2	2	33	0.03	18	662
94FF071H	0.5	0.005	6	1730	174	4	0.5	44	0.005	7	1880
94FF072H	0.5	0.005	8	1170	300	6	1	27	0.02	16	1470
94FF073H	0.5	0.005	4	670	424	4	0.5	40	0.01	11	1330
94FF074H	0.5	0.005	4	1290	188	4	0.5	43	0.005	4	1635
94FF075H	0.5	0.005	6	1250	146	2	0.5	74	0.005	3	1470
94FF076H	0.5	0.005	3	860	258	4	0.5	41	0.005	8	1840
94FF077H	0.5	0.005	5	890	230	4	1	36	0.02	15	1410
94FF078H	1	0.005	6	1140	236	2	0.5	21	0.01	11	996
94FF079H	0.5	0.005	4	810	408	4	0.5	33	0.005	7	1030

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94FF080H	14	319109	6091579	CHEMEX	0.2	0.39	14	90	1	0.31	5.0	1	8	168	0.50	720	0.10	5	0.09	115
94FF081H	14	320603	6092147	CHEMEX	0.2	0.40	1	260	1	1.05	9.0	3	9	231	0.56	1150	0.16	5	0.19	1825
94FF082H	14	321643	6091787	CHEMEX	0.1	0.94	14	110	1	0.27	5.0	3	20	185	1.08	960	0.13	5	0.22	215
94FF083H	14	330966	6087231	CHEMEX	0.2	0.28	18	110	1	0.37	6.0	1	4	217	0.37	1050	0.16	5	0.07	170
94FF084H	14	330307	6087043	CHEMEX	1.2	0.29	14	140	1	0.45	6.0	1	4	291	0.42	1300	0.17	5	0.07	575
94FF085H	14	330807	6086256	CHEMEX	0.1	0.36	1	130	1	0.09	3.5	1	10	109	0.59	290	0.07	10	0.09	100
94FF086H	14	331738	6085989	CHEMEX	0.1	0.15	1	70	1	0.62	5.5	1	3	130	0.23	1350	0.14	5	0.10	225
94FF087H	14	332422	6085452	CHEMEX	0.2	0.33	4	250	1	1.27	13.5	2	5	276	0.46	1850	0.14	5	0.14	1970
94FF088H	14	333709	6085060	CHEMEX	0.2	0.34	2	90	1	0.42	3.0	1	15	81	0.55	590	0.13	5	0.13	250
94FF089H	14	315705	6080921	CHEMEX	1.0	0.84	32	120	1	0.85	18.0	8	24	729	2.29	2200	0.28	5	0.42	650
94FF090H	14	316451	6081054	CHEMEX	0.6	0.59	20	320	1	0.61	15.0	8	19	652	1.16	700	0.11	5	0.24	2010
94FF091H	14	316986	6081323	CHEMEX	0.8	1.47	58	80	2	0.53	11.5	16	85	516	2.80	1450	0.11	5	0.89	355
94FF092H	14	317640	6081497	CHEMEX	1.2	0.96	38	280	1	1.26	19.0	16	28	898	1.74	1750	0.16	5	0.58	1660
94FF093H	14	318925	6081736	CHEMEX	0.4	1.45	60	250	1	0.63	12.0	18	40	619	1.97	1100	0.20	10	0.49	1255
94FF094H	14	319632	6082069	CHEMEX	1.2	0.91	56	320	1	0.92	17.5	33	11	880	1.95	1250	0.12	5	0.31	2830
94FF095H	14	320684	6082350	CHEMEX	1.4	1.13	40	200	1	0.71	22.0	13	93	978	1.88	2300	0.12	5	0.70	775
94FF096H	14	321929	6081820	CHEMEX	1.0	1.11	62	150	1	0.78	22.0	10	22	838	2.41	2000	0.14	5	0.36	1370
94FF097H	14	322569	6081733	CHEMEX	1.2	0.59	18	190	1	0.87	17.5	6	18	608	1.01	1300	0.12	5	0.26	1345
94FF098H	14	324095	6081920	CHEMEX	1.4	0.96	26	180	1	0.73	15.5	11	18	527	1.91	2650	0.26	5	0.56	880
94FF099H	14	322331	6082660	CHEMEX	0.4	0.29	20	130	1	0.44	12.5	1	6	414	0.41	1250	0.08	5	0.07	385
94FF100H	14	328530	6082416	CHEMEX	0.6	0.29	4	180	1	0.49	9.5	2	5	325	0.49	1650	0.15	5	0.10	560
94FF101H	14	327037	6082924	CHEMEX	0.4	0.28	2	110	1	0.71	11.5	2	4	309	0.47	2500	0.18	5	0.10	1190
94FF102H	14	326378	6079132	CHEMEX	0.2	0.49	14	120	1	0.27	7.5	2	8	299	0.61	1950	0.12	5	0.22	145
94FF103H	14	325554	6079722	CHEMEX	0.4	0.36	38	120	1	0.64	7.5	1	7	450	0.51	1200	0.08	5	0.08	405
94FF104H	14	324709	6080249	CHEMEX	0.4	1.62	34	190	1	0.48	7.5	8	33	287	2.43	680	0.12	10	0.28	290
94FF105H	14	316975	6080195	CHEMEX	0.1	0.33	22	120	1	0.55	32.0	2	9	542	0.47	820	0.07	5	0.15	135
94FF106H	14	318013	6080079	CHEMEX	0.6	0.63	42	140	1	1.04	16.5	5	18	452	1.00	1550	0.10	5	0.29	280
94FF107H	14	319009	6079935	CHEMEX	1.8	0.46	50	250	1	1.21	42.0	7	9	928	0.83	1600	0.13	5	0.26	830
94FF108H	14	320686	6079351	CHEMEX	1.4	0.42	74	230	1	2.55	49.0	12	11	881	0.67	1050	0.13	5	0.26	1015
94FF109H	14	321246	6078687	CHEMEX	0.8	0.80	56	110	1	1.46	28.5	11	22	670	1.43	1550	0.09	5	0.38	1275
94FF110H	14	321919	6077782	CHEMEX	1.6	0.31	42	110	1	1.77	36.0	8	6	1080	0.76	3050	0.09	5	0.22	1900
94FF111H	14	321904	6076920	CHEMEX	0.8	0.74	56	220	1	1.18	21.0	10	15	705	1.11	1550	0.11	5	0.34	1600
94FF112H	14	321999	6075901	CHEMEX	0.1	1.04	46	140	1	0.66	15.5	6	30	364	1.44	1350	0.12	10	0.43	170
94FF113H	14	321753	6074932	CHEMEX	2.0	0.52	60	270	1	0.82	44.0	6	4	1225	1.22	1850	0.13	5	0.13	1450
94FF114H	14	321517	6074013	CHEMEX	0.2	2.04	78	170	1	1.38	13.0	17	31	532	2.90	770	0.19	5	0.63	1195
94FF115H	14	320893	6074932	CHEMEX	0.8	0.67	58	180	1	1.26	27.5	11	12	664	1.01	1050	0.23	5	0.30	1965
94FF116H	14	320634	6075698	CHEMEX	0.8	0.76	38	190	1	1.76	7.5	12	13	406	1.01	710	0.20	10	0.30	865
94FF117H	14	319407	6077498	CHEMEX	0.6	1.65	100	140	1	0.66	22.5	25	18	977	3.56	1100	0.13	5	0.56	860
94FF118H	14	318912	6078341	CHEMEX	2.4	0.77	64	440	1	1.58	40.5	17	14	1590	1.76	2350	0.17	5	0.41	3780
94FF119H	14	320615	6073542	CHEMEX	2.6	0.49	64	280	1	1.10	46.5	17	8	1650	1.58	3500	0.15	5	0.23	4890
94FF120H	14	319880	6073964	CHEMEX	1.8	0.82	94	290	1	1.21	37.5	12	10	1340	1.53	2350	0.10	5	0.32	2440
94FF121H	14	319657	6072019	CHEMEX	4.2	0.24	64	110	1	2.11	51.5	10	4	2110	1.16	4200	0.16	5	0.21	560
94FF122H	14	323181	6076845	CHEMEX	0.1	2.51	44	210	4	0.81	5.5	19	73	216	3.11	450	0.20	10	0.92	1265
94FF123H	14	323405	6076043	CHEMEX	1.2	0.57	30	300	1	1.35	16.5	13	10	592	0.81	2600	0.18	10	0.22	2220
94FF124H	14	323537	6075036	CHEMEX	0.8	0.33	54	190	1	1.69	19.5	3	9	611	0.58	1500	0.12	5	0.15	545
94FF125H	14	323238	6073867	CHEMEX	0.1	0.94	82	270	1	1.21	12.5	12	22	501	1.38	460	0.08	10	0.31	1735
94FF126H	14	323067	6072906	CHEMEX	0.8	0.59	44	170	1	2.18	29.0	8	12	1110	1.32	2350	0.13	5	0.32	975
94FF127H	14	322406	6071385	CHEMEX	2.0	0.48	46	200	1	0.52	21.0	4	9	1030	1.08	3000	0.14	5	0.13	790
94FF128H	14	323198	6070519	CHEMEX	1.8	0.91	46	110	1	0.19	9.0	6	8	616	1.18	1650	0.10	5	0.08	150
94FF129H	14	321771	6071004	CHEMEX	2.8	0.30	92	180	1	1.42	78.5	6	5	2080	1.00	2700	0.10	5	0.16	865

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF080H	0.5	0.005	4	920	224	2	0.5	19	0.01	11	712
94FF081H	0.5	0.005	5	1140	296	4	0.5	48	0.01	12	1635
94FF082H	1	0.005	8	930	186	4	2	13	0.04	25	768
94FF083H	0.5	0.005	3	1230	278	2	0.5	21	0.005	7	852
94FF084H	0.5	0.005	3	1360	446	4	0.5	22	0.005	8	886
94FF085H	0.5	0.01	3	460	138	1	0.5	11	0.01	11	344
94FF086H	0.5	0.005	3	1120	98	2	0.5	24	0.005	4	902
94FF087H	0.5	0.005	6	1370	230	4	0.5	38	0.005	9	1880
94FF088H	0.5	0.005	4	870	74	2	1	14	0.02	11	482
94FF089H	0.5	0.005	12	820	476	8	2	17	0.03	30	3610
94FF090H	0.5	0.005	9	660	428	4	1	27	0.03	18	2060
94FF091H	0.5	0.005	40	600	306	6	4	14	0.20	84	2280
94FF092H	0.5	0.005	14	900	596	8	2	40	0.06	33	3300
94FF093H	0.5	0.01	17	1020	380	4	3	28	0.07	39	2190
94FF094H	1	0.01	9	1020	582	4	2	31	0.04	54	2760
94FF095H	0.5	0.005	24	730	726	8	2	22	0.04	35	3420
94FF096H	0.5	0.01	10	890	628	6	3	24	0.04	28	2740
94FF097H	0.5	0.005	8	920	488	6	1	22	0.03	17	3020
94FF098H	0.5	0.005	9	1180	330	6	2	23	0.03	34	2880
94FF099H	0.5	0.005	3	690	398	4	0.5	16	0.01	7	1830
94FF100H	0.5	0.005	4	1120	342	4	0.5	25	0.005	7	1490
94FF101H	0.5	0.005	4	1490	206	4	0.5	17	0.005	7	2080
94FF102H	0.5	0.005	6	840	286	4	1	15	0.005	10	1250
94FF103H	0.5	0.005	5	810	506	4	0.5	15	0.005	9	1375
94FF104H	0.5	0.005	13	1080	200	4	2	25	0.04	52	1085
94FF105H	0.5	0.005	5	650	384	4	0.5	25	0.01	10	3630
94FF106H	1	0.005	8	590	318	4	2	30	0.03	23	2420
94FF107H	0.5	0.005	7	820	896	12	1	45	0.02	15	3600
94FF108H	0.5	0.005	8	850	782	10	1	56	0.01	12	4890
94FF109H	1	0.005	14	850	464	6	2	35	0.02	31	3600
94FF110H	0.5	0.005	6	940	996	10	0.5	31	0.005	9	5780
94FF111H	0.5	0.005	9	670	604	8	2	45	0.02	20	3050
94FF112H	0.5	0.01	13	590	174	4	3	29	0.05	29	1945
94FF113H	1	0.005	5	1330	844	8	0.5	39	0.005	16	4940
94FF114H	0.5	0.01	19	820	210	8	4	42	0.03	51	3560
94FF115H	0.5	0.01	9	850	584	8	1	45	0.01	16	3150
94FF116H	0.5	0.01	18	920	334	8	1	60	0.02	15	1150
94FF117H	0.5	0.005	8	1160	436	8	5	25	0.06	81	2850
94FF118H	0.5	0.01	12	1210	1100	10	1	56	0.03	20	5270
94FF119H	0.5	0.005	17	1460	1300	14	0.5	30	0.005	13	7760
94FF120H	0.5	0.005	8	1230	1280	12	1	46	0.01	23	4850
94FF121H	0.5	0.005	9	1530	1420	16	0.5	51	0.005	6	9250
94FF122H	0.5	0.01	35	1360	150	8	6	34	0.14	68	1065
94FF123H	0.5	0.01	11	1510	542	8	0.5	62	0.01	12	2880
94FF124H	0.5	0.005	5	1070	634	8	0.5	53	0.005	8	2900
94FF125H	0.5	0.01	14	850	384	6	2	35	0.04	23	2100
94FF126H	0.5	0.005	8	1180	586	8	1	51	0.01	16	6150
94FF127H	0.5	0.005	4	1010	876	8	1	22	0.01	12	3690
94FF128H	0.5	0.005	10	1450	534	10	0.5	13	0.005	9	1880
94FF129H	0.5	0.005	4	970	1800	20	0.5	57	0.005	8	7710

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94FF130H	14	320713	6072598	CHEMEX	2.0	0.58	74	110	1	2.28	18.5	6	6	950	1.04	4000	0.13	10	0.20	355
94FF131H	14	336450	6088785	CHEMEX	0.1	0.32	4	120	1	0.37	2.5	1	7	67	0.37	320	0.08	5	0.10	70
94FF132H	14	337323	6088630	CHEMEX	0.1	0.51	2	100	1	0.09	1.5	1	10	65	0.47	360	0.11	5	0.08	45
94FF133H	14	338050	6088093	CHEMEX	0.2	0.32	4	150	1	1.00	3.5	9	6	87	0.37	340	0.13	5	0.10	555
94FF134H	14	338181	6086716	CHEMEX	0.1	0.33	2	120	1	0.42	4.0	1	6	84	0.42	550	0.11	5	0.10	165
94FF135H	14	338075	6085784	CHEMEX	0.4	0.35	2	420	1	1.15	6.5	3	4	114	0.40	880	0.17	5	0.20	5100
94FF136B	14	338108	6084561	CHEMEX	0.1	0.06	1	100	1	1.28	2.0	1	3	31	0.18	130	0.16	5	0.21	555
94FF136H	14	338108	6084561	CHEMEX	0.1	0.26	4	140	1	1.55	2.5	3	3	60	0.28	410	0.09	5	0.15	575
94FF137H	14	334144	6086442	CHEMEX	0.1	0.38	30	100	1	1.04	5.5	1	8	195	0.43	540	0.14	5	0.11	225
94FF138H	14	335616	6087103	CHEMEX	0.1	0.46	8	120	1	0.71	4.0	3	8	126	0.46	950	0.20	5	0.14	680
94FF139H	14	335810	6084701	CHEMEX	0.1	0.33	4	180	1	0.59	5.0	3	6	90	0.40	740	0.12	5	0.13	310
94FF140H	14	331513	6078467	CHEMEX	0.1	0.33	10	110	1	0.80	4.5	3	7	120	0.49	570	0.11	5	0.19	510
94FF141H	14	332914	6079049	CHEMEX	0.1	0.31	4	210	1	1.13	7.5	4	7	154	0.54	940	0.23	5	0.19	940
94FF142H	14	333724	6080399	CHEMEX	0.2	0.43	8	390	1	1.91	8.5	8	7	195	0.57	990	0.16	5	0.25	2950
94FF143H	14	335204	6081068	CHEMEX	0.1	0.20	12	130	1	1.43	8.0	1	4	162	0.29	540	0.17	5	0.20	410
94FF144H	14	337405	6082061	CHEMEX	0.1	0.69	2	320	1	0.35	3.0	3	19	91	1.03	440	0.09	5	0.18	450
94HJB0001	13	685500	6047000	CHEMEX	0.1	0.57	8	120	1	0.88	2.5	6	13	72	1.45	300	0.12	5	0.26	1085
94HJB0007	14	312106	6079750	CHEMEX	3.2	0.45	60	210	1	0.40	31.5	6	8	1650	1.26	3600	0.08	5	0.10	105
94HJB0009	14	313800	6045800	CHEMEX	0.2	0.64	22	130	1	1.36	5.5	10	11	137	0.84	950	0.13	5	0.32	1455
94HJB0011	14	312846	6047503	CHEMEX	0.2	0.62	12	90	1	0.79	3.0	4	16	61	0.96	330	0.16	5	0.34	615
94HJB0013	14	308985	6045900	CHEMEX	0.2	0.86	8	90	1	1.44	2.0	5	23	58	1.25	390	0.16	5	0.54	745
94HJB0015	14	307100	6045014	CHEMEX	0.2	0.84	4	110	1	2.08	2.5	4	26	49	1.12	360	0.21	5	0.79	350
94HJB0017	14	308351	6055125	CHEMEX	0.4	0.59	22	70	1	0.60	7.5	3	15	227	0.88	1300	0.10	5	0.23	315
94HJB0020	14	307806	6057029	CHEMEX	0.4	0.42	16	100	1	0.38	4.5	2	15	115	0.71	470	0.10	5	0.15	140
94HJB0022	14	312625	6065616	CHEMEX	3.0	0.28	62	150	1	1.05	36.5	14	12	1470	1.20	3200	0.11	5	0.14	690
94HJB0029	13	686375	6044225	CHEMEX	0.2	0.45	4	300	1	1.17	4.5	2	13	70	0.56	510	0.23	5	0.25	2040
94HJB0038	14	310250	6059425	CHEMEX	0.4	0.57	28	140	1	0.40	10.0	3	17	328	0.88	1050	0.07	5	0.18	225
94HJB0040	14	309000	6059300	CHEMEX	0.6	0.23	20	180	1	0.71	5.5	2	7	240	0.39	740	0.09	5	0.07	520
94HJB0042	14	308650	6056275	CHEMEX	0.2	0.24	28	150	1	1.03	8.5	2	6	226	0.39	550	0.13	5	0.16	605
94HJB0049	13	691470	6072550	CHEMEX	1.2	0.35	40	160	1	0.44	10.5	3	7	504	0.72	1500	0.06	5	0.08	160
94JEC0002	13	630025	6117425	CHEMEX	0.1	0.49	2	600	1	1.11	1.5	12	8	17	0.44	510	0.19	5	0.14	4830
94JEC0004	13	629020	6119415	CHEMEX	0.1	1.17	1	170	1	0.10	0.25	9	10	27	0.99	320	0.12	40	0.09	140
94JEC0006	13	627500	6115910	CHEMEX	0.1	1.18	2	90	1	0.05	0.25	7	9	23	1.06	160	0.08	10	0.06	20
94JEC0008	13	628615	6114125	CHEMEX	0.1	0.51	1	140	1	0.07	0.5	1	6	13	0.35	200	0.07	5	0.03	55
94JEC0010	13	630460	6115715	CHEMEX	0.6	0.51	1	300	1	0.41	1.0	14	8	14	0.52	270	0.22	5	0.13	5520
94JEC0012	13	627625	6110150	CHEMEX	0.1	0.36	1	110	1	0.15	0.5	4	8	10	0.37	180	0.14	5	0.15	30
94JEC0014	13	627810	6107325	CHEMEX	0.1	0.28	2	150	1	0.35	0.5	2	5	10	0.25	270	0.08	5	0.06	65
94JEC0016	13	630175	6110525	CHEMEX	0.1	0.38	2	420	1	1.28	1.0	13	11	13	0.48	250	0.13	10	0.24	1900
94JEC0018	13	631985	6112420	CHEMEX	0.1	0.96	2	220	1	2.21	1.0	12	17	32	0.76	340	0.13	10	0.46	800
94JEC0020	13	639710	6113200	CHEMEX	0.1	0.58	6	240	1	0.33	0.5	7	9	17	0.60	240	0.08	10	0.11	35
94JEC0022	13	640960	6116365	CHEMEX	0.2	0.22	8	280	1	0.85	1.0	2	6	18	0.21	360	0.14	5	0.11	565
94JEC0025	13	638875	6117080	CHEMEX	0.2	0.38	20	190	1	0.81	2.0	1	10	34	0.43	450	0.14	5	0.08	95
94JEC0028	13	638220	6119060	CHEMEX	0.6	0.48	4	500	1	1.32	1.0	12	11	15	0.53	340	0.13	5	0.18	3800
94JEC0030	13	636000	6118910	CHEMEX	1.4	0.86	1	520	2	1.72	1.5	23	36	28	1.26	160	0.29	5	0.54	3720
94JEC0032	13	637710	6116045	CHEMEX	0.4	0.41	2	210	1	0.73	1.5	7	13	25	0.57	290	0.23	5	0.18	1590
94JEC0034	13	641150	6111325	CHEMEX	0.1	0.31	4	160	1	0.18	2.0	0.5	5	16	0.22	350	0.07	5	0.06	60
94JEC0036	13	643850	6108310	CHEMEX	0.8	0.70	8	620	2	0.99	1.0	12	42	24	0.84	260	0.12	5	0.37	2660
94JEC0038	13	645110	6105885	CHEMEX	0.4	0.41	8	230	1	0.73	1.5	7	5	36	0.33	390	0.13	5	0.10	765
94JEC0040	13	641125	6106920	CHEMEX	0.6	0.66	4	360	2	1.31	1.5	8	12	25	0.71	210	0.17	5	0.29	2860
94JEC0042	13	639000	6109250	CHEMEX	0.1	0.28	4	200	1	0.19	1.5	1	5	15	0.23	240	0.12	5	0.08	85

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF130H	0.5	0.01	10	1200	448	12	1	37	0.005	9	3910
94FF131H	0.5	0.01	3	580	152	2	0.5	36	0.01	8	252
94FF132H	0.5	0.005	4	720	88	1	0.5	20	0.01	11	244
94FF133H	0.5	0.005	10	1210	108	4	0.5	39	0.005	7	476
94FF134H	0.5	0.005	3	1000	136	1	0.5	31	0.01	9	420
94FF135H	0.5	0.005	4	1330	244	6	0.5	36	0.005	9	836
94FF136B	0.5	0.005	3	1870	4	1	0.5	64	0.005	1	394
94FF136H	0.5	0.005	3	980	104	4	0.5	49	0.005	7	294
94FF137H	0.5	0.005	4	710	346	4	0.5	40	0.01	9	616
94FF138H	0.5	0.005	7	1240	232	4	0.5	35	0.01	10	688
94FF139H	0.5	0.005	4	1400	110	1	0.5	32	0.01	9	642
94FF140H	0.5	0.005	4	1130	132	4	0.5	37	0.01	10	802
94FF141H	0.5	0.005	4	1250	154	4	0.5	33	0.005	10	1320
94FF142H	0.5	0.005	7	1550	194	4	0.5	62	0.01	11	1560
94FF143H	1	0.005	3	1290	196	2	0.5	60	0.005	6	1020
94FF144H	0.5	0.01	8	930	126	2	1	23	0.02	19	260
94HJB0001	0.5	0.005	8	850	158	1	1	9	0.01	24	288
94HJB0007	0.5	0.005	6	800	1070	8	0.5	27	0.005	9	5000
94HJB0009	0.5	0.005	10	920	170	1	1	26	0.01	15	718
94HJB0011	0.5	0.005	9	580	62	1	2	15	0.03	21	326
94HJB0013	0.5	0.005	11	690	78	1	2	14	0.03	26	362
94HJB0015	0.5	0.005	13	810	56	1	2	21	0.03	23	360
94HJB0017	0.5	0.005	7	800	274	1	1	17	0.02	18	1145
94HJB0020	0.5	0.005	6	440	114	1	1	19	0.02	17	510
94HJB0022	0.5	0.005	9	1010	1340	12	0.5	68	0.005	9	5560
94HJB0029	0.5	0.005	9	1320	126	1	1	24	0.01	13	446
94HJB0038	0.5	0.005	7	800	326	1	1	22	0.01	16	1425
94HJB0040	0.5	0.005	4	650	374	2	0.5	32	0.005	7	554
94HJB0042	1	0.005	4	700	304	2	0.5	40	0.005	7	792
94HJB0049	0.5	0.005	5	680	444	8	0.5	26	0.01	9	1900
94JEC0002	0.5	0.005	7	1340	60	6	0.5	83	0.01	10	122
94JEC0004	1	0.005	14	1820	16	2	1	13	0.01	11	40
94JEC0006	0.5	0.005	12	1450	14	1	1	12	0.01	8	30
94JEC0008	0.5	0.01	4	1000	26	1	0.5	17	0.005	4	48
94JEC0010	0.5	0.005	4	1580	84	4	0.5	26	0.01	13	138
94JEC0012	1	0.005	7	900	36	1	1	44	0.01	8	22
94JEC0014	0.5	0.005	7	800	36	1	0.5	34	0.005	6	68
94JEC0016	0.5	0.005	22	1190	38	4	0.5	77	0.01	9	54
94JEC0018	0.5	0.01	17	930	44	4	1	108	0.01	16	64
94JEC0020	0.5	0.005	15	900	20	1	1	46	0.01	7	26
94JEC0022	0.5	0.005	5	1120	38	1	0.5	70	0.005	5	88
94JEC0025	0.5	0.005	5	960	72	2	0.5	63	0.005	9	88
94JEC0028	0.5	0.005	14	940	40	1	0.5	94	0.01	11	270
94JEC0030	0.5	0.005	31	1560	48	1	1	88	0.03	26	178
94JEC0032	0.5	0.01	8	1230	60	4	1	44	0.02	14	150
94JEC0034	0.5	0.005	3	700	54	1	0.5	24	0.005	6	88
94JEC0036	0.5	0.005	26	800	48	1	1	64	0.03	15	114
94JEC0038	0.5	0.005	7	1150	76	2	0.5	67	0.005	7	140
94JEC0040	0.5	0.005	12	1250	60	2	1	81	0.02	12	124
94JEC0042	0.5	0.01	3	880	42	4	0.5	45	0.005	6	80

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94JEC0044	13	641750	6101330	CHEMEX	0.8	0.59	6	750	2	1.51	1.5	38	12	41	0.76	150	0.18	5	0.27	3880
94JEC0046	13	641400	6104125	CHEMEX	0.2	0.77	2	230	1	0.49	0.5	7	10	16	0.65	230	0.19	5	0.20	1205
94JEC0048	13	646275	6103850	CHEMEX	0.6	0.46	8	430	1	1.90	2.0	7	10	61	0.49	430	0.17	5	0.19	2010
94JEC0050	13	647900	6101460	CHEMEX	0.4	0.41	16	350	1	0.73	3.0	5	9	46	0.47	550	0.15	5	0.11	2480
94JEC0052	13	648010	6100020	CHEMEX	0.6	0.44	10	330	1	0.88	1.5	5	9	18	0.44	210	0.13	5	0.16	2140
94JEC0054	13	645675	6101200	CHEMEX	0.6	0.33	6	420	2	1.14	0.5	11	9	22	0.37	190	0.17	5	0.20	1160
94JEC0056	13	646390	6098900	CHEMEX	0.4	0.33	12	390	1	0.62	2.0	3	6	36	0.35	580	0.12	5	0.08	2440
94JEC0058	13	644650	6099100	CHEMEX	0.2	0.38	8	130	1	0.27	0.5	2	7	19	0.33	230	0.12	5	0.09	40
94JEC0060	13	644960	6096260	CHEMEX	0.1	0.54	4	200	1	0.11	1.0	3	8	26	0.37	210	0.10	5	0.06	60
94JEC0062	14	389160	6030267	CHEMEX	0.6	0.42	8	180	2	1.69	5.0	4	10	90	0.60	750	0.17	5	0.46	660
94JEC0064	14	319604	6028863	CHEMEX	0.2	0.47	14	90	1	0.61	2.0	2	11	38	0.61	470	0.15	5	0.20	130
94JEC0066	14	305566	6016099	CHEMEX	0.4	0.51	12	210	1	2.14	1.0	6	10	23	0.59	250	0.18	5	0.31	995
94JEC0069	14	305075	6011354	CHEMEX	0.6	0.55	2	60	1	2.04	0.25	4	11	24	0.64	180	0.16	5	0.61	565
94JEC0071	14	323428	6004703	CHEMEX	0.6	0.62	2	290	1	2.43	1.0	3	14	21	0.66	100	0.29	5	0.36	405
94JEC0073	14	324516	5999402	CHEMEX	0.6	0.90	2	70	1	2.32	0.5	3	16	18	0.98	110	0.17	5	0.63	125
94JEC0075	14	322986	5990766	CHEMEX	0.2	0.48	4	60	2	0.80	0.5	1	8	19	0.43	120	0.12	5	0.23	105
94JEC0078	14	305595	5989606	CHEMEX	0.2	0.24	2	70	1	1.44	1.0	1	6	16	0.35	150	0.14	5	0.31	360
94JEC0081	13	695260	5999576	CHEMEX	0.4	0.29	1	90	1	2.66	0.5	4	7	23	0.49	160	0.20	5	0.53	295
94JEC0083	13	683482	5997608	CHEMEX	0.2	0.33	2	30	1	1.34	0.25	1	7	12	0.40	120	0.13	5	0.24	75
94JEC0087	13	685366	6029712	CHEMEX	0.2	0.78	12	70	1	0.91	1.0	4	18	31	0.83	190	0.15	5	0.40	400
94JEC0089	13	668563	6033331	CHEMEX	0.2	0.29	6	80	2	0.82	1.5	1	5	21	0.31	210	0.08	5	0.14	30
94JEC0091	13	649568	6016709	CHEMEX	0.2	0.25	2	110	1	0.21	0.5	1	4	7	0.23	150	0.06	5	0.06	50
94JEC0093	13	657675	6009927	CHEMEX	0.8	0.12	10	40	1	5.20	1.0	1	3	10	0.31	140	0.03	5	0.89	170
94JEC0094	13	665332	5988973	CHEMEX	0.4	0.62	2	150	2	1.09	0.25	5	10	11	0.64	270	0.15	5	0.22	135
94JEC0096	13	663407	5998092	CHEMEX	0.6	0.96	4	160	1	1.79	1.0	7	20	23	1.01	150	0.33	5	0.59	540
94JEC0098	13	654063	6031582	CHEMEX	0.8	1.44	6	160	2	2.75	0.25	3	25	51	1.13	90	0.07	5	0.67	165
94JEC0100	13	639291	6030860	CHEMEX	0.2	0.35	6	60	1	0.88	0.5	1	7	11	0.39	230	0.08	5	0.25	90
94JEC0102	13	635330	6025081	CHEMEX	0.6	1.54	4	120	1	2.59	0.25	3	23	17	1.18	120	0.08	5	0.62	135
94JEC0104	13	632263	6019920	CHEMEX	0.6	0.66	8	100	2	3.69	1.0	5	13	27	0.76	190	0.05	5	0.68	1385
94JEC0106	13	643994	6006849	CHEMEX	0.6	0.48	2	90	1	2.11	0.25	3	9	26	0.51	150	0.11	5	0.44	740
94JEC0108	13	649912	5995531	CHEMEX	0.2	0.33	4	70	1	1.09	0.25	2	9	9	0.45	190	0.06	5	0.26	350
94JEC0110	13	679205	6031137	CHEMEX	0.2	0.35	4	100	1	0.54	1.5	1	7	35	0.35	470	0.09	5	0.10	520
94MOB0020	14	341700	6058450	CHEMEX	0.1	5.52	10	290	1	0.17	1.0	13	75	227	3.62	100	0.17	10	0.54	85
94MOB0022	14	329435	6062695	CHEMEX	0.1	0.58	16	150	2	3.32	5.5	3	9	64	0.62	150	0.09	5	0.98	540
94MOB0024	14	327902	6053304	CHEMEX	0.6	0.33	28	320	1	1.43	12.5	3	4	231	0.55	380	0.11	5	0.16	2150
94MOB0026	14	330266	6055471	CHEMEX	0.1	4.22	18	430	2	1.60	0.5	23	61	109	3.45	80	0.41	30	1.24	2370
94MOB0028	14	331190	6057398	CHEMEX	0.1	0.21	22	200	1	0.98	3.0	0.5	3	83	0.22	350	0.08	5	0.08	80
94MOB0030	14	329543	6057665	CHEMEX	0.2	0.31	16	230	1	1.59	7.0	1	4	168	0.42	610	0.13	5	0.18	725
94MOB0032	14	329505	6060160	CHEMEX	0.1	0.60	4	60	1	1.76	1.5	1	8	48	0.52	180	0.07	5	0.34	30
94MOB0034	14	321482	6055495	CHEMEX	0.6	0.56	26	90	1	0.84	10.0	6	11	270	0.74	610	0.13	5	0.19	295
94MOB0036	14	322829	6056896	CHEMEX	1.4	0.63	62	160	1	0.89	9.5	6	8	261	0.76	720	0.11	5	0.20	145
94MOB0038	14	324080	6059044	CHEMEX	0.8	0.58	42	130	1	1.03	11.5	7	9	466	0.81	950	0.19	5	0.34	565
94MOB0040	14	325814	6060277	CHEMEX	0.1	0.17	10	70	1	0.94	4.5	2	3	106	0.21	300	0.06	5	0.11	55
94MOB0042	14	322960	6001967	CHEMEX	0.2	0.56	86	100	1	0.49	6.5	2	6	255	0.64	750	0.08	5	0.08	60
94MOB0044	14	325254	6052253	CHEMEX	0.1	0.41	14	170	1	1.23	8.5	4	5	206	0.59	460	0.18	5	0.18	1450
94MOB0046	14	324487	6054263	CHEMEX	0.8	0.55	20	170	1	0.63	7.5	25	15	240	1.34	730	0.11	5	0.17	1185
94MOB0048	14	327049	6058806	CHEMEX	0.6	0.29	40	150	1	1.60	36.0	3	3	636	0.40	400	0.09	5	0.14	790
94MOB0050	14	332957	6052582	CHEMEX	0.1	0.45	28	70	1	1.49	4.5	4	7	159	0.52	310	0.10	5	0.24	200
94MOB0053	14	335230	6057295	CHEMEX	0.2	0.58	46	190	1	0.81	7.0	3	11	316	0.69	590	0.18	5	0.19	615
94MOB0055	14	337189	6059359	CHEMEX	0.1	0.38	20	70	1	1.32	2.0	2	8	75	0.36	330	0.11	5	0.12	100

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94JEC0044	0.5	0.005	20	1380	80	1	1	128	0.01	15	254
94JEC0046	0.5	0.01	12	1630	20	1	1	49	0.01	12	70
94JEC0048	0.5	0.005	9	1190	98	1	0.5	111	0.01	12	246
94JEC0050	0.5	0.005	10	1270	112	4	0.5	54	0.01	11	252
94JEC0052	0.5	0.005	5	1020	74	1	0.5	67	0.01	9	98
94JEC0054	0.5	0.005	9	1360	38	1	0.5	89	0.01	9	130
94JEC0056	0.5	0.005	6	1100	104	1	0.5	40	0.005	7	258
94JEC0058	0.5	0.005	5	1100	44	1	0.5	28	0.005	8	66
94JEC0060	0.5	0.005	11	940	46	1	0.5	22	0.005	7	66
94JEC0062	0.5	0.01	8	1180	144	1	1	31	0.01	13	520
94JEC0064	0.5	0.01	6	750	66	1	1	17	0.01	15	200
94JEC0066	0.5	0.005	8	1080	76	1	1	34	0.01	12	56
94JEC0069	0.5	0.005	9	1100	34	1	1	14	0.01	14	30
94JEC0071	0.5	0.005	9	960	24	1	1	27	0.01	14	366
94JEC0073	0.5	0.005	12	540	20	1	2	19	0.03	19	38
94JEC0075	0.5	0.01	4	640	54	1	0.5	9	0.01	11	76
94JEC0078	0.5	0.005	4	620	26	1	0.5	13	0.005	7	110
94JEC0081	0.5	0.005	8	1220	24	4	0.5	48	0.005	12	62
94JEC0083	0.5	0.005	3	830	38	1	0.5	9	0.005	9	16
94JEC0087	0.5	0.005	8	650	56	1	1	20	0.02	19	66
94JEC0089	0.5	0.005	2	660	62	1	0.5	23	0.005	7	114
94JEC0091	0.5	0.01	1	480	22	1	0.5	16	0.005	4	32
94JEC0093	0.5	0.005	5	680	10	1	0.5	20	0.005	3	82
94JEC0094	0.5	0.005	9	1000	30	1	1	41	0.005	16	64
94JEC0096	0.5	0.01	15	1200	16	1	2	46	0.02	25	142
94JEC0098	0.5	0.01	18	1360	8	1	2	23	0.01	33	34
94JEC0100	0.5	0.005	4	460	40	1	0.5	11	0.005	8	52
94JEC0102	0.5	0.005	12	790	20	1	2	17	0.02	22	44
94JEC0104	0.5	0.005	9	570	12	1	1	20	0.01	15	40
94JEC0106	0.5	0.005	8	960	34	1	0.5	15	0.005	12	22
94JEC0108	0.5	0.005	4	570	16	1	0.5	16	0.01	10	6
94JEC0110	0.5	0.005	4	810	82	4	0.5	9	0.005	9	182
94MOB0020	0.5	0.02	37	1160	62	12	4	16	0.09	67	172
94MOB0022	0.5	0.02	6	800	14	6	1	246	0.01	17	602
94MOB0024	0.5	0.005	5	990	374	8	0.5	52	0.005	8	1030
94MOB0026	2	0.02	48	890	10	6	9	76	0.08	71	184
94MOB0028	1	0.005	2	690	150	4	0.5	56	0.005	4	218
94MOB0030	0.5	0.005	6	830	204	4	0.5	67	0.005	7	732
94MOB0032	0.5	0.01	6	820	18	2	2	65	0.01	7	178
94MOB0034	0.5	0.005	7	940	428	4	1	31	0.01	14	1120
94MOB0036	0.5	0.005	9	1040	496	6	1	65	0.01	10	1395
94MOB0038	1	0.005	7	1290	678	8	1	66	0.01	14	1320
94MOB0040	1	0.005	2	780	36	1	0.5	50	0.005	5	428
94MOB0042	0.5	0.005	4	950	346	6	1	37	0.005	7	814
94MOB0044	1	0.005	4	1410	296	4	0.5	51	0.005	10	694
94MOB0046	1	0.005	17	1250	326	4	1	39	0.005	19	932
94MOB0048	0.5	0.005	3	900	784	8	0.5	57	0.005	6	2500
94MOB0050	0.5	0.01	8	830	216	6	1	35	0.01	11	422
94MOB0053	0.5	0.005	10	950	496	8	1	36	0.01	13	800
94MOB0055	0.5	0.01	4	880	48	2	0.5	26	0.01	8	226

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94MOB0057	14	337262	6069350	CHEMEX	0.1	0.74	6	190	1	0.31	5.5	6	8	153	0.54	790	0.10	5	0.11	255
94MOB0059	14	335854	6067049	CHEMEX	0.2	0.84	22	260	1	0.75	6.5	7	18	223	1.11	1200	0.18	5	0.30	1800
94MOB0061	14	337030	6063417	CHEMEX	0.1	1.63	34	150	1	0.99	9.0	83	6	179	0.90	370	0.09	20	0.10	3980
94MOB0063	14	339531	6060667	CHEMEX	0.1	0.37	6	40	1	0.84	3.5	2	7	95	0.50	330	0.09	5	0.16	75
94MOB0065	14	339607	6059272	CHEMEX	0.1	0.36	4	70	1	0.52	2.0	2	7	85	0.58	330	0.09	5	0.11	265
94MOB0067	14	340042	6058391	CHEMEX	0.1	0.82	4	100	1	1.47	1.5	9	12	63	0.74	300	0.13	5	0.36	210
94MOB0069	14	339070	6059291	CHEMEX	0.1	0.66	12	140	1	1.45	5.0	4	15	132	0.92	620	0.12	5	0.32	305
94MOB0071	14	319987	6047693	CHEMEX	0.1	0.21	4	30	1	1.39	0.5	1	7	24	0.30	120	0.05	5	0.83	40
94MOB0073	14	321060	6049353	CHEMEX	0.1	0.41	12	100	1	4.24	1.0	2	6	50	0.42	80	0.08	5	2.02	510
94MOB0075	14	324970	6049541	CHEMEX	0.1	0.15	20	80	1	1.39	3.5	1	2	103	0.23	430	0.10	5	0.20	245
94MOB0077	14	325919	6048515	CHEMEX	0.1	0.58	6	170	1	3.02	1.5	6	13	41	0.70	180	0.09	5	0.36	1505
94MOB0079	14	327941	6050604	CHEMEX	0.6	0.43	6	320	1	1.11	7.5	4	7	342	0.78	1150	0.18	5	0.20	2470
94MOB0081	14	317960	6049198	CHEMEX	0.1	0.24	18	70	1	1.20	1.5	1	6	59	0.27	230	0.07	5	0.25	15
94MOB0083	14	316351	6050315	CHEMEX	0.8	1.49	28	200	1	0.78	2.0	21	36	109	1.85	440	0.20	10	0.64	775
94MOB0086	14	318053	6051515	CHEMEX	0.2	0.24	30	70	1	0.81	6.5	2	3	199	0.29	540	0.10	5	0.08	120
94MOB0090	14	315369	6048714	CHEMEX	0.1	1.96	22	200	1	2.29	1.5	13	38	55	2.22	100	0.23	30	1.13	1560
94MOB0092	14	317913	6047559	CHEMEX	0.1	0.46	4	200	1	6.71	2.5	2	8	127	0.45	130	0.08	5	0.46	685
94MOB0094	14	318302	6044697	CHEMEX	0.1	0.32	16	30	1	0.84	7.5	2	8	101	0.34	320	0.11	5	0.23	45
94MOB0096	14	323271	6044687	CHEMEX	0.1	0.63	4	160	1	2.35	1.5	2	10	60	0.98	320	0.12	5	0.50	325
94MOB0098	14	321005	6042919	CHEMEX	0.1	0.34	16	100	1	1.06	2.0	1	4	53	0.55	420	0.07	5	0.13	20
94MOB0100	14	321121	6039913	CHEMEX	0.1	0.10	1	20	2	1.70	0.5	0.5	3	15	0.12	140	0.03	5	1.11	10
94MOB0102	14	323995	6038749	CHEMEX	0.6	0.54	30	120	1	0.93	5.5	2	7	172	0.58	620	0.15	5	0.24	220
94MOB0104	14	326906	6041360	CHEMEX	0.1	0.35	16	70	1	0.37	5.0	1	6	139	0.44	750	0.10	5	0.11	100
94MOB0106	14	333504	6045446	CHEMEX	0.1	0.28	16	70	1	1.37	5.5	1	7	115	0.45	360	0.10	5	0.26	115
94MOB0108	14	338534	6048265	CHEMEX	0.1	0.20	28	110	1	0.91	5.0	2	2	76	0.26	410	0.09	5	0.10	130
94MOB0110	14	332355	6059628	CHEMEX	0.6	0.29	8	200	1	1.05	9.5	4	4	216	0.44	1400	0.21	5	0.16	730
94MOB0112	14	332225	6058550	CHEMEX	0.1	0.84	32	180	1	1.13	3.5	8	30	146	1.20	350	0.21	10	0.39	695
94MOB0114	14	367456	6045691	CHEMEX	0.1	0.33	2	30	1	0.99	1.0	1	8	25	0.42	230	0.10	5	0.23	210
94MOB0116	14	396575	6058046	CHEMEX	0.1	0.50	2	100	1	1.14	0.5	4	3	18	0.65	260	0.12	5	0.21	55
94MOB0118	14	397692	6055918	CHEMEX	0.1	0.37	4	290	1	1.55	2.5	8	6	21	0.44	410	0.16	5	0.19	2860
94MOB0120	14	394770	6052089	CHEMEX	0.1	0.56	1	230	1	0.91	0.5	3	9	13	0.65	370	0.13	5	0.27	875
94MOB0122	14	399882	6054354	CHEMEX	0.2	0.73	1	130	1	0.45	0.5	6	7	17	0.69	330	0.19	10	0.15	120
94MOB0124	14	403379	6052640	CHEMEX	0.1	0.12	1	10	1	1.10	0.5	0.5	2	8	0.13	140	0.07	5	0.31	5
94MOB0126	14	358203	6040186	CHEMEX	0.1	0.58	2	70	1	1.45	1.0	2	13	39	0.66	220	0.11	5	0.40	320
94MOB0128	14	431255	6061530	CHEMEX	0.1	0.68	1	100	1	0.63	0.5	3	11	10	0.61	230	0.14	10	0.22	60
94MOB0130	14	432449	6065963	CHEMEX	0.1	1.36	10	200	1	2.83	1.0	10	27	41	2.23	140	0.25	40	0.59	630
94MOB0132	14	428408	6060430	CHEMEX	0.6	0.67	4	370	1	1.17	2.0	7	9	21	0.57	430	0.22	10	0.22	3580
94MOB0134	14	424303	6055921	CHEMEX	0.1	0.49	40	110	1	0.18	0.5	2	7	11	0.38	290	0.19	5	0.10	125
94MOB0136	14	415676	6064452	CHEMEX	0.1	0.62	48	150	1	0.20	0.5	6	6	26	0.44	370	0.11	5	0.11	55
94MOB0138	14	412909	6067596	CHEMEX	0.1	0.53	4	140	1	0.20	0.25	2	7	13	0.70	230	0.14	5	0.07	25
94MOB0140	14	411369	6061072	CHEMEX	0.1	1.31	8	370	1	0.91	1.0	22	28	29	1.31	180	0.14	5	0.38	1280
94MOB0142	14	399959	6066752	CHEMEX	0.1	0.25	4	60	1	0.45	0.5	1	4	17	0.25	320	0.09	5	0.08	100
94MOB0144	14	392790	6060948	CHEMEX	0.4	2.36	14	180	1	1.63	0.5	34	25	186	1.88	160	0.22	40	0.63	2870
94MOB0146	14	390152	6054116	CHEMEX	0.1	0.66	4	320	1	0.71	1.0	11	11	26	0.80	190	0.11	5	0.18	2150
94MOB0148	14	385914	6063961	CHEMEX	0.1	0.43	14	170	1	1.03	1.5	3	6	39	0.38	240	0.09	5	0.17	670
94MOB0150	14	382327	6062352	CHEMEX	0.1	0.35	2	40	1	0.47	2.0	1	7	31	0.32	480	0.13	5	0.11	65
94MOB0152	14	363892	6058168	CHEMEX	0.1	0.49	90	120	1	0.47	1.0	11	8	32	0.49	320	0.18	5	0.23	145
94MOB0154	14	360393	6062760	CHEMEX	0.1	0.28	10	270	1	0.84	2.5	2	8	43	0.32	420	0.16	5	0.12	2640
94MOB0156	14	363738	6067328	CHEMEX	0.1	0.29	4	120	1	0.25	1.5	0.5	4	29	0.29	460	0.09	5	0.05	75
94MOB0158	14	367152	6067196	CHEMEX	0.1	0.88	1	160	1	0.11	1.0	4	11	30	0.76	180	0.07	10	0.08	35

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0057	0.5	0.005	9	1180	120	2	0.5	26	0.01	9	724
94MOB0059	0.5	0.01	10	1260	228	4	1	44	0.03	23	1195
94MOB0061	2	0.01	12	1460	178	8	3	44	0.005	8	774
94MOB0063	0.5	0.01	3	690	104	1	0.5	23	0.01	9	382
94MOB0065	0.5	0.005	3	780	154	1	0.5	30	0.01	10	326
94MOB0067	0.5	0.01	10	990	88	4	1	51	0.01	14	258
94MOB0069	0.5	0.01	9	860	156	4	1	55	0.02	18	618
94MOB0071	2	0.06	6	580	6	4	0.5	51	0.005	6	64
94MOB0073	0.5	0.10	8	1180	6	8	0.5	175	0.005	9	146
94MOB0075	0.5	0.005	2	740	146	4	0.5	57	0.005	4	364
94MOB0077	1	0.005	9	900	4	2	1	24	0.01	14	66
94MOB0079	1	0.005	7	1310	260	4	1	42	0.01	14	1380
94MOB0081	1	0.005	7	600	38	1	1	68	0.005	5	274
94MOB0083	0.5	0.01	61	1710	62	6	3	41	0.01	24	282
94MOB0086	0.5	0.005	3	840	394	6	0.5	41	0.005	6	828
94MOB0090	0.5	0.01	28	480	12	8	6	22	0.06	37	188
94MOB0092	0.5	0.005	33	1530	14	8	1	57	0.005	9	392
94MOB0094	1	0.005	5	830	86	2	0.5	25	0.005	8	566
94MOB0096	0.5	0.005	7	930	92	4	2	19	0.01	16	234
94MOB0098	0.5	0.005	8	990	78	4	1	30	0.005	4	180
94MOB0100	0.5	0.005	2	420	2	2	0.5	44	0.005	2	68
94MOB0102	2	0.005	7	1300	286	4	1	50	0.005	12	658
94MOB0104	0.5	0.005	3	920	240	2	0.5	26	0.005	9	584
94MOB0106	1	0.005	4	770	160	2	1	21	0.005	10	444
94MOB0108	1	0.005	3	730	52	2	0.5	43	0.005	4	372
94MOB0110	1	0.005	7	1460	166	4	0.5	54	0.005	7	1350
94MOB0112	0.5	0.01	20	920	186	4	2	43	0.02	24	552
94MOB0114	0.5	0.005	3	780	50	2	0.5	9	0.01	9	108
94MOB0116	0.5	0.005	6	1600	26	2	2	36	0.005	7	42
94MOB0118	0.5	0.005	8	1200	80	4	0.5	49	0.005	11	170
94MOB0120	0.5	0.005	6	1130	30	1	1	39	0.01	17	58
94MOB0122	1	0.005	8	1860	18	2	1	31	0.005	11	60
94MOB0124	0.5	0.005	2	750	10	2	0.5	18	0.005	2	18
94MOB0126	0.5	0.01	6	700	78	2	1	16	0.01	15	104
94MOB0128	1	0.01	11	1100	24	2	2	37	0.01	13	36
94MOB0130	0.5	0.02	23	840	12	8	3	77	0.04	41	126
94MOB0132	1	0.005	18	1550	48	4	0.5	55	0.005	13	198
94MOB0134	0.5	0.01	6	1390	32	2	0.5	17	0.01	8	74
94MOB0136	1	0.005	6	1090	24	2	1	17	0.005	8	42
94MOB0138	0.5	0.01	6	970	12	2	0.5	26	0.01	10	28
94MOB0140	0.5	0.01	27	1190	22	1	1	49	0.03	27	108
94MOB0142	0.5	0.005	3	780	40	1	0.5	27	0.005	6	70
94MOB0144	1	0.02	25	1190	14	6	7	51	0.02	34	54
94MOB0146	0.5	0.01	5	960	48	4	1	36	0.01	15	144
94MOB0148	0.5	0.005	5	820	48	2	0.5	43	0.01	9	184
94MOB0150	1	0.02	4	920	78	1	0.5	36	0.005	9	124
94MOB0152	0.5	0.01	8	1170	66	2	1	40	0.01	11	162
94MOB0154	0.5	0.005	7	1210	88	1	0.5	41	0.005	8	280
94MOB0156	0.5	0.005	2	690	92	1	0.5	28	0.005	7	118
94MOB0158	1	0.005	11	1000	38	2	0.5	26	0.01	9	68

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94MOB0160	14	353032	6062312	CHEMEX	0.6	0.61	4	80	1	0.19	2.5	2	8	69	0.72	520	0.11	10	0.10	90
94MOB0162	14	352304	6058686	CHEMEX	0.1	0.33	4	70	1	0.50	2.0	1	4	59	0.34	400	0.08	5	0.08	285
94MOB0164	14	355163	6069513	CHEMEX	0.1	0.43	1	230	1	0.11	1.5	1	6	38	0.37	270	0.06	5	0.03	55
94MOB0166	14	363867	6072799	CHEMEX	0.2	0.59	1	140	1	0.37	1.0	1	11	26	0.58	380	0.13	5	0.12	230
94MOB0168	14	367904	6075122	CHEMEX	0.1	0.47	1	70	1	0.29	1.5	0.5	4	22	0.31	420	0.08	5	0.04	40
94MOB0187	14	327426	6063495	CHEMEX	0.4	0.29	22	210	1	0.79	6.5	4	4	274	0.54	710	0.04	5	0.13	1390
94MOB0189	14	328507	6066487	CHEMEX	0.1	0.87	40	110	1	0.82	3.0	7	10	144	0.86	440	0.04	10	0.14	535
94MOB0191	14	329474	6069792	CHEMEX	0.6	0.71	28	180	1	0.73	4.5	13	22	255	0.96	460	0.08	5	0.23	735
94MOB0193	14	347476	6066023	CHEMEX	0.2	0.35	10	60	1	0.27	2.5	1	3	91	0.40	1100	0.11	5	0.06	285
94MOB0195	14	356062	6065184	CHEMEX	0.1	0.64	8	270	1	0.40	1.0	3	4	49	0.46	380	0.08	10	0.09	70
94MOB0197	14	351846	6067672	CHEMEX	0.1	1.51	8	110	1	0.16	0.5	5	18	60	1.39	320	0.10	5	0.18	50
94MOB0199	14	343787	6070697	CHEMEX	0.1	0.76	6	110	1	0.35	1.0	3	11	35	1.40	300	0.11	5	0.15	65
94MOB0201	14	351416	6076905	CHEMEX	0.1	1.38	8	140	1	0.12	0.5	3	28	34	1.52	110	0.07	10	0.18	45
94MOB0203	14	356252	6074489	CHEMEX	0.1	0.38	4	230	1	0.26	1.0	1	5	37	0.36	210	0.07	5	0.06	80
94MOB0205	14	358265	6079406	CHEMEX	0.1	0.39	4	80	1	0.14	1.0	1	3	34	0.33	370	0.07	5	0.08	40
94MOB0206	14	316627	6098366	CHEMEX	0.4	0.76	12	160	1	0.04	1.5	1	7	33	0.64	210	0.06	5	0.02	20
94MOB0207	14	318021	6102023	CHEMEX	0.1	0.66	1	100	1	0.07	1.5	1	11	40	0.70	130	0.08	5	0.05	30
94MOB0208	14	320276	6101066	CHEMEX	0.1	0.81	16	110	1	0.07	1.5	2	7	58	0.72	600	0.09	5	0.05	45
94MOB0209	14	329609	6098255	CHEMEX	0.4	0.96	6	90	1	0.06	1.0	3	26	41	1.12	170	0.19	10	0.26	65
94MOB0210	14	333902	6098929	CHEMEX	0.1	0.87	18	130	1	0.25	3.0	2	11	73	0.88	470	0.07	5	0.07	55
94MOB0211	14	337289	6100135	CHEMEX	0.1	3.54	22	220	1	0.86	0.5	12	67	43	3.34	140	0.59	30	1.04	290
94MOB0212	14	334194	6121043	CHEMEX	0.1	0.24	1	70	1	0.34	1.0	1	6	25	0.27	340	0.10	5	0.08	520
94MOB0213	14	334512	6117689	CHEMEX	0.1	1.09	22	150	1	0.43	0.25	3	27	28	1.15	260	0.28	10	0.35	275
94MOB0214	14	333702	6115460	CHEMEX	0.1	0.34	2	100	1	0.32	0.5	0.5	7	19	0.38	320	0.07	5	0.08	115
94MOB0215	14	333859	6110163	CHEMEX	0.2	1.14	14	160	1	0.12	1.0	2	16	39	1.05	380	0.13	5	0.16	90
94MOB0216	14	334373	6106338	CHEMEX	0.1	0.18	36	90	1	0.25	3.0	0.5	2	62	0.19	630	0.13	5	0.06	145
94MOB0217	14	334825	6102237	CHEMEX	0.1	0.64	16	60	1	0.11	2.0	1	12	56	0.55	430	0.11	5	0.13	55
94MOB0218	14	340240	6099626	CHEMEX	0.1	0.52	6	110	1	0.70	2.0	3	12	50	0.66	650	0.14	5	0.17	705
94MOB0219	14	345256	6110464	CHEMEX	0.1	0.26	6	60	1	0.40	1.0	2	2	32	0.39	600	0.09	5	0.11	180
94MOB0220	14	344651	6106339	CHEMEX	0.1	0.16	8	170	1	0.49	1.5	0.5	2	40	0.18	420	0.07	5	0.05	215
94MOB0221	14	343318	6103756	CHEMEX	0.2	0.88	12	110	1	0.10	0.5	1	10	40	1.40	220	0.06	5	0.05	20
94MOB0222	14	343148	6099925	CHEMEX	0.1	0.61	8	70	1	0.13	0.5	1	8	40	0.57	590	0.18	5	0.08	135
94MOB0223	14	348127	6098423	CHEMEX	0.1	1.68	8	180	1	0.53	0.3	12	33	30	1.86	220	0.30	20	0.50	285
94MOB0224	14	346022	6098216	CHEMEX	0.1	0.28	2	140	1	0.47	1.0	1	7	31	0.44	300	0.08	5	0.09	95
94MOB0225	14	402001	6122089	CHEMEX	0.1	0.36	1	70	1	0.54	0.5	3	4	8	0.28	190	0.15	10	0.15	40
94MOB0226	14	399212	6119090	CHEMEX	0.1	0.29	1	120	1	1.04	1.0	2	6	11	0.27	200	0.16	5	0.17	350
94MOB0227	14	397424	6115172	CHEMEX	0.1	0.19	1	40	1	0.42	0.5	1	5	9	0.18	140	0.17	5	0.11	250
94MOB0228	14	394465	6115056	CHEMEX	0.1	0.25	1	80	1	1.26	0.5	2	4	11	0.20	150	0.13	20	0.23	315
94MOB0229	14	391586	6116053	CHEMEX	0.1	0.32	1	140	1	1.17	1.0	4	5	11	0.32	220	0.15	5	0.26	505
94MOB0231	14	388075	6115058	CHEMEX	0.1	0.60	1	120	1	0.80	0.5	2	11	13	0.58	160	0.22	20	0.28	295
94MOB0232	14	385377	6114786	CHEMEX	0.1	0.26	1	70	1	0.72	1.0	2	4	13	0.26	280	0.11	5	0.16	305
94MOB0233	14	381362	6114922	CHEMEX	0.1	0.31	1	120	1	1.44	0.5	1	6	10	0.30	200	0.15	5	0.17	315
94MOB0234	14	380186	6117954	CHEMEX	0.1	1.94	2	140	1	1.41	0.25	4	29	28	1.68	120	0.34	30	0.92	250
94MOB0235	14	371600	6117792	CHEMEX	0.1	0.37	4	220	1	0.67	0.5	4	10	12	0.49	110	0.17	5	0.21	470
94MOB0236	14	370411	6113403	CHEMEX	0.1	0.20	1	80	1	0.32	0.5	0.5	3	26	0.20	90	0.13	5	0.06	90
94MOB0237	14	369298	6110497	CHEMEX	0.1	0.81	2	150	1	0.21	0.5	6	8	33	0.99	270	0.11	10	0.11	50
94MOB0238	14	365481	6112065	CHEMEX	1.2	0.22	10	130	1	1.16	1.5	15	3	89	2.90	410	0.32	5	0.15	1190
94MOB0239	14	365185	6108733	CHEMEX	0.1	0.33	4	80	1	0.48	1.0	2	5	47	0.32	280	0.13	10	0.08	35
94MOB0240	14	364883	6106360	CHEMEX	0.1	0.18	1	100	1	0.53	0.5	2	3	24	0.19	230	0.07	5	0.11	55
94MOB0241	14	377017	6117237	CHEMEX	0.1	0.25	1	40	1	1.24	0.5	0.5	4	10	0.21	180	0.11	5	0.23	80

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0160	0.5	0.01	4	1040	94	1	1	20	0.01	11	188
94MOB0162	0.5	0.005	6	740	114	2	0.5	21	0.005	7	218
94MOB0164	0.5	0.01	5	530	52	2	0.5	24	0.005	6	60
94MOB0166	0.5	0.01	6	850	70	2	1	19	0.02	13	162
94MOB0168	1	0.005	2	1160	50	1	0.5	25	0.005	5	100
94MOB0187	1	0.005	3	660	414	1	0.5	38	0.005	9	730
94MOB0189	1	0.005	6	870	128	1	1	19	0.01	11	488
94MOB0191	1	0.005	12	890	264	1	1	29	0.01	19	598
94MOB0193	1	0.005	4	1270	136	1	0.5	11	0.005	8	376
94MOB0195	1	0.005	10	1040	60	1	0.5	49	0.005	7	90
94MOB0197	4	0.005	11	1410	38	1	1	19	0.02	20	94
94MOB0199	1	0.005	6	980	28	1	1	27	0.02	25	154
94MOB0201	1	0.005	14	850	22	1	0.5	17	0.01	23	32
94MOB0203	1	0.005	4	690	56	1	0.5	31	0.005	6	94
94MOB0205	1	0.005	4	910	64	1	0.5	11	0.01	6	172
94MOB0206	1	0.005	5	1060	20	1	0.5	25	0.005	5	114
94MOB0207	0.5	0.005	3	690	38	2	0.5	19	0.005	7	82
94MOB0208	1	0.005	6	1070	62	1	0.5	10	0.005	8	192
94MOB0209	1	0.005	11	460	80	1	2	12	0.06	23	124
94MOB0210	1	0.005	7	960	110	1	0.5	19	0.01	9	242
94MOB0211	1	0.01	34	580	20	1	8	54	0.11	61	140
94MOB0212	1	0.005	3	910	50	1	0.5	20	0.005	6	154
94MOB0213	1	0.005	13	700	24	1	2	23	0.06	26	108
94MOB0214	1	0.005	3	690	42	1	0.5	27	0.01	9	108
94MOB0215	1	0.005	9	930	70	1	1	16	0.03	18	118
94MOB0216	1	0.005	2	780	120	1	0.5	16	0.005	3	234
94MOB0217	1	0.005	6	600	146	1	1	19	0.02	11	212
94MOB0218	1	0.005	7	1010	64	1	0.5	26	0.02	14	366
94MOB0219	1	0.005	3	720	62	1	0.5	25	0.005	6	152
94MOB0220	1	0.005	2	620	112	1	0.5	27	0.005	3	166
94MOB0221	1	0.005	5	1730	50	1	0.5	15	0.005	8	64
94MOB0222	1	0.005	4	1760	68	1	0.5	15	0.01	10	138
94MOB0223	1	0.01	19	1000	22	1	4	44	0.07	37	76
94MOB0224	0.5	0.005	3	690	66	2	0.5	33	0.01	10	154
94MOB0225	0.5	0.005	11	1020	18	1	0.5	33	0.005	6	20
94MOB0226	0.5	0.005	4	1160	22	2	0.5	58	0.005	6	92
94MOB0227	0.5	0.01	5	1100	14	1	0.5	21	0.005	3	60
94MOB0228	0.5	0.005	11	1080	16	2	0.5	55	0.005	4	66
94MOB0229	0.5	0.005	6	1100	34	2	0.5	57	0.005	7	82
94MOB0231	0.5	0.005	12	1340	14	2	1	42	0.02	12	70
94MOB0232	0.5	0.005	7	880	30	1	0.5	38	0.005	6	96
94MOB0233	1	0.005	4	1270	28	2	0.5	53	0.005	6	72
94MOB0234	0.5	0.02	22	710	18	6	4	72	0.05	33	72
94MOB0235	0.5	0.005	7	770	14	2	1	41	0.02	13	48
94MOB0236	0.5	0.005	3	850	26	1	0.5	28	0.005	4	56
94MOB0237	0.5	0.01	6	1100	16	1	1	29	0.005	8	52
94MOB0238	0.5	0.01	6	1410	38	6	0.5	52	0.005	7	594
94MOB0239	0.5	0.01	6	910	34	1	0.5	44	0.005	6	72
94MOB0240	0.5	0.005	4	730	28	1	0.5	49	0.005	4	58
94MOB0241	0.5	0.005	3	630	14	2	0.5	51	0.005	6	66

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94MOB0242	14	365481	6112065	CHEMEX	0.1	0.34	1	90	1	0.78	0.5	5	7	23	0.39	250	0.20	5	0.19	560
94MOB0243	14	365360	6103933	CHEMEX	0.1	0.25	1	80	1	0.31	1.5	1	4	21	0.19	40	0.11	5	0.10	80
94MOB0244	14	365452	6100528	CHEMEX	0.1	0.22	1	120	1	0.17	1.0	1	4	16	0.21	260	0.18	5	0.07	70
94MOB0245	14	363779	6097516	CHEMEX	0.1	0.29	1	80	1	0.24	1.0	1	3	19	0.27	240	0.10	5	0.08	40
94MOB0247	14	320049	6034199	CHEMEX	0.4	0.40	4	80	1	0.51	3.0	2	6	72	0.48	660	0.13	5	0.10	255
94MOB0250	14	313667	6027275	CHEMEX	0.1	0.40	1	110	1	0.98	2.0	3	7	41	0.46	240	0.11	5	0.18	110
94MOB0252	14	308569	6021172	CHEMEX	0.1	0.28	2	130	1	1.70	2.0	2	4	39	0.30	340	0.14	5	0.24	790
94MOB0254	14	309340	6006131	CHEMEX	0.1	0.35	4	90	1	0.74	0.5	1	8	20	0.40	190	0.09	5	0.16	40
94MOB0256	14	308809	5995940	CHEMEX	0.1	0.37	1	70	1	1.92	1.0	1	5	19	0.36	210	0.14	5	0.45	825
94MOB0258	14	314646	5995826	CHEMEX	0.1	0.34	1	90	1	0.69	1.0	1	5	18	0.32	260	0.11	5	0.17	90
94MOB0260	14	315436	5990998	CHEMEX	0.1	0.15	2	20	1	0.60	0.5	0.5	2	11	0.13	260	0.05	5	0.16	5
94MOB0262	13	696036	5994564	CHEMEX	0.1	0.55	1	110	1	0.82	1.0	1	9	14	0.53	190	0.13	5	0.20	125
94MOB0264	13	685828	5988542	CHEMEX	0.1	0.32	1	40	1	0.93	0.25	1	6	9	0.31	170	0.10	5	0.17	40
94MOB0266	13	684094	6005059	CHEMEX	0.1	0.14	2	30	2	3.51	0.25	0.5	2	5	0.09	90	0.02	5	0.77	10
94MOB0268	13	676437	6002532	CHEMEX	0.1	1.58	6	210	1	1.25	0.5	10	28	26	1.61	170	0.30	20	0.66	355
94MOB0270	14	307854	6028723	CHEMEX	0.1	0.50	8	40	1	1.82	1.5	5	10	41	0.66	300	0.08	5	0.66	165
94MOB0273	13	669396	6026432	CHEMEX	0.1	0.41	10	70	1	2.58	4.5	1	7	26	0.37	370	0.08	5	0.47	655
94MOB0275	13	674103	6023359	CHEMEX	0.1	0.36	2	80	1	0.43	2.0	1	27	34	0.39	560	0.13	5	0.09	445
94MOB0277	13	668239	6007176	CHEMEX	0.1	0.23	4	30	2	3.02	0.5	0.5	2	17	0.20	210	0.07	5	0.76	145
94MOB0279	13	671761	5992455	CHEMEX	0.1	0.33	1	110	1	2.75	0.5	4	5	17	0.34	140	0.15	5	0.41	290
94MOB0280	13	654709	5993462	CHEMEX	0.1	0.02	2	70	1	8.82	0.25	0.5	1	7	0.30	40	0.01	5	0.40	90
94MOB0282	13	650988	6001536	CHEMEX	0.1	0.43	2	80	1	3.34	0.5	1	7	15	0.41	140	0.08	5	0.73	280
94MOB0284	13	657696	6039254	CHEMEX	0.1	0.47	2	90	1	2.49	1.0	1	6	16	0.50	180	0.07	5	0.89	570
94MOB0286	13	643381	6037359	CHEMEX	0.1	0.39	1	30	1	0.79	1.0	2	8	10	0.40	190	0.11	5	0.23	80
94MOB0288	13	632785	6031223	CHEMEX	0.1	0.23	8	20	1	2.56	0.5	0.5	3	7	0.19	90	0.03	5	0.65	75
94MOB0290	13	640262	6011466	CHEMEX	0.1	0.16	1	30	1	1.82	0.5	0.5	2	6	0.16	100	0.04	5	0.55	50
94MOB0292	13	634430	6003313	CHEMEX	0.1	0.26	1	60	1	0.23	0.5	0.5	4	6	0.24	170	0.07	5	0.09	40
94MOB0294	13	642858	5998989	CHEMEX	0.1	1.38	4	100	1	2.27	0.25	3	19	20	1.04	120	0.07	5	0.75	235
94MOB0296	13	667900	6017435	CHEMEX	0.1	0.30	2	70	1	0.73	0.5	0.5	5	7	0.31	230	0.05	5	0.21	35
94MOB0298	14	310417	6036910	CHEMEX	0.1	0.44	6	160	1	1.10	3.0	3	7	74	0.48	430	0.15	5	0.22	385
94MOB0301	13	688194	6021564	CHEMEX	0.1	0.64	1	50	1	2.50	0.25	4	15	15	0.74	120	0.09	5	0.68	120
94MOB0303	13	690765	6014986	CHEMEX	0.1	1.05	2	100	1	1.13	0.5	9	15	23	1.14	270	0.17	10	0.45	510
94MOB0304	13	655289	6024168	CHEMEX	0.1	1.46	8	210	1	1.86	1.5	3	21	28	1.26	270	0.14	5	0.69	1015
94MOB0306	13	652458	6026146	CHEMEX	0.1	0.41	6	290	1	1.25	1.5	2	7	22	0.43	270	0.15	5	0.19	1380
94MOB0308	13	640611	6020756	CHEMEX	0.1	0.48	2	100	1	1.43	0.5	4	11	24	0.50	120	0.13	5	0.78	490
94MOB0310	13	648250	6023873	CHEMEX	0.1	0.22	1	90	1	0.65	0.5	1	7	12	0.29	150	0.10	5	0.18	45
94MOB0312	13	662300	6040000	CHEMEX	0.1	0.63	4	100	1	2.28	2.0	2	10	28	0.52	340	0.13	10	0.58	900
94MOB0314	13	660246	6047170	CHEMEX	0.1	0.27	1	170	1	1.69	3.0	1	4	30	0.29	400	0.14	5	0.34	1490
94MOB0316	13	652354	6047611	CHEMEX	0.1	0.27	1	160	1	1.60	2.5	1	4	28	0.26	490	0.12	5	0.20	840
94MOB0318	13	639321	6042862	CHEMEX	0.1	0.26	6	240	1	2.74	0.5	2	7	13	0.24	210	0.15	5	0.31	655
94MOB0320	13	640786	6047269	CHEMEX	0.1	0.31	4	130	2	2.38	1.0	2	8	28	0.34	140	0.11	5	1.14	605
94MOB0322	13	630962	6043820	CHEMEX	0.1	0.40	1	100	1	1.02	0.5	1	10	12	0.49	260	0.18	5	0.26	435
94MOB0324	13	631346	6037986	CHEMEX	0.1	0.31	1	60	1	1.14	1.0	0.5	5	15	0.28	310	0.16	5	0.19	510
94MOB0326	13	633126	6049760	CHEMEX	0.1	0.29	1	60	1	0.41	1.0	0.5	5	13	0.26	340	0.14	5	0.08	245
94MOB1001	14	331357	6063662	CHEMEX	0.2	1.12	12	90	1	3.77	1.5	8	10	494	1.19	320	0.11	40	0.38	655
94MOB1003	14	329693	6064879	CHEMEX	0.4	0.22	14	130	1	0.95	11.5	1	3	262	0.30	450	0.11	5	0.11	150
94MOB1005	14	330937	6066967	CHEMEX	0.1	0.21	18	90	1	0.59	10.5	1	3	388	0.28	620	0.06	5	0.05	195
94MOB1007	14	332518	6068536	CHEMEX	0.6	0.97	18	140	1	0.31	2.0	6	11	149	1.10	580	0.13	20	0.17	135
94MOB1009	14	332238	6069839	CHEMEX	0.1	1.50	20	160	1	1.49	6.5	9	18	198	0.88	270	0.08	30	0.25	165
94MOB1011	14	330650	6069102	CHEMEX	0.4	0.39	20	290	1	1.27	9.0	9	5	290	0.58	710	0.14	5	0.18	2050

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0242	0.5	0.005	6	1020	22	1	0.5	51	0.01	8	84
94MOB0243	0.5	0.005	4	690	34	1	0.5	27	0.005	4	86
94MOB0244	0.5	0.01	3	680	36	1	0.5	29	0.005	5	48
94MOB0245	0.5	0.005	4	820	30	2	0.5	22	0.005	5	68
94MOB0247	0.5	0.005	4	960	114	2	0.5	16	0.005	10	378
94MOB0250	0.5	0.005	4	880	90	2	0.5	15	0.005	10	114
94MOB0252	0.5	0.005	4	1100	84	2	0.5	19	0.005	7	234
94MOB0254	0.5	0.005	3	700	58	1	0.5	11	0.005	10	62
94MOB0256	0.5	0.005	5	840	46	4	0.5	12	0.005	9	60
94MOB0258	0.5	0.005	3	650	40	2	0.5	10	0.005	8	82
94MOB0260	0.5	0.01	1	560	28	1	0.5	13	0.005	3	12
94MOB0262	0.5	0.005	4	790	56	2	1	15	0.01	13	74
94MOB0264	1	0.005	4	660	20	2	0.5	12	0.005	8	18
94MOB0266	0.5	0.01	1	550	1	4	0.5	32	0.005	2	40
94MOB0268	0.5	0.02	23	1390	20	6	4	75	0.03	39	62
94MOB0270	1	0.005	7	640	70	4	1	32	0.005	12	146
94MOB0273	0.5	0.005	4	710	68	4	0.5	22	0.005	9	158
94MOB0275	1	0.005	9	840	70	1	0.5	9	0.005	9	202
94MOB0277	0.5	0.005	2	750	30	4	0.5	15	0.005	4	86
94MOB0279	0.5	0.005	7	1140	24	4	0.5	73	0.005	7	74
94MOB0280	0.5	0.01	4	460	1	10	0.5	44	0.005	1	64
94MOB0282	0.5	0.005	7	710	6	6	0.5	60	0.01	18	48
94MOB0284	0.5	0.005	3	430	40	2	0.5	16	0.005	8	84
94MOB0286	0.5	0.005	3	840	32	4	0.5	11	0.01	9	34
94MOB0288	0.5	0.005	1	570	34	4	0.5	11	0.005	4	44
94MOB0290	0.5	0.005	1	550	16	2	0.5	17	0.005	3	60
94MOB0292	0.5	0.005	2	460	26	1	0.5	17	0.005	5	50
94MOB0294	0.5	0.01	10	700	6	6	2	20	0.02	24	44
94MOB0296	0.5	0.005	2	510	26	2	0.5	15	0.005	7	62
94MOB0298	0.5	0.005	7	1030	132	4	1	49	0.005	11	284
94MOB0301	0.5	0.005	7	560	1	6	1	22	0.01	16	32
94MOB0303	0.5	0.01	11	1350	40	2	2	26	0.01	23	58
94MOB0304	0.5	0.005	10	1450	70	6	2	20	0.02	25	144
94MOB0306	0.5	0.005	3	1160	84	2	0.5	18	0.005	10	204
94MOB0308	1	0.02	7	1350	8	4	1	40	0.01	9	12
94MOB0310	1	0.005	2	810	26	2	0.5	13	0.005	6	20
94MOB0312	0.5	0.005	7	1040	66	4	1	20	0.01	14	114
94MOB0314	0.5	0.005	3	1160	62	4	0.5	18	0.005	7	232
94MOB0316	0.5	0.005	2	990	60	1	0.5	16	0.005	7	270
94MOB0318	0.5	0.005	4	970	14	2	0.5	74	0.005	6	100
94MOB0320	1	0.02	9	1080	32	4	0.5	52	0.005	8	34
94MOB0322	1	0.005	4	1180	24	2	1	26	0.01	11	38
94MOB0324	0.5	0.005	3	1100	44	4	0.5	13	0.005	8	82
94MOB0326	0.5	0.005	2	1020	36	2	0.5	9	0.005	7	90
94MOB1001	0.5	0.01	16	1270	14	6	10	41	0.01	20	172
94MOB1003	1	0.005	2	730	314	4	0.5	47	0.005	6	1285
94MOB1005	1	0.005	2	650	414	4	0.5	27	0.005	5	1105
94MOB1007	0.5	0.01	10	1390	136	2	1	25	0.01	14	326
94MOB1009	0.5	0.01	14	1090	122	6	3	58	0.01	14	478
94MOB1011	0.5	0.005	4	1060	404	8	0.5	68	0.005	9	1025

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
94MOB1013	14	333284	6054643	CHEMEX	0.4	0.24	12	280	1	0.63	3.5	2	3	108	0.25	530	0.06	5	0.09	645
94MOB1015	14	335003	6050558	CHEMEX	0.1	0.20	6	100	1	1.70	3.0	0.5	3	115	0.27	450	0.13	5	0.16	160
94MOB1018	14	337791	6051633	CHEMEX	0.1	0.23	2	30	1	3.87	0.25	2	6	29	0.31	50	0.03	5	0.65	135
94MOB1022	14	330716	6052232	CHEMEX	0.1	0.18	20	60	1	1.93	2.0	2	3	73	0.20	210	0.14	5	0.28	140
94MOB1024	14	338282	6061856	CHEMEX	0.1	0.41	18	90	1	1.72	3.5	2	7	85	0.44	290	0.09	5	0.29	705
94MOB1026	14	342683	6063124	CHEMEX	0.1	0.71	20	130	1	1.41	6.0	2	7	91	0.58	310	0.06	10	0.15	155
94MOB1036	14	341811	6053038	CHEMEX	0.1	0.30	4	90	1	0.95	2.0	6	4	74	0.36	620	0.18	5	0.19	240
94MOB1038	14	343656	6052882	CHEMEX	0.1	1.40	22	100	2	0.80	3.0	9	41	104	2.13	190	0.09	5	1.01	160
94MOB1040	14	343123	6048878	CHEMEX	0.1	0.16	18	100	1	0.80	4.5	1	3	115	0.19	390	0.07	5	0.07	80
94MOB1042	14	339491	6049902	CHEMEX	0.2	0.39	26	110	1	0.94	16.0	3	15	239	0.57	1100	0.14	5	0.20	445
94MOB1044	14	335184	6048107	CHEMEX	0.1	0.36	4	270	1	1.15	3.0	3	6	58	0.38	350	0.09	5	0.21	840
94MOB1046	14	413033	6054454	CHEMEX	0.1	0.11	1	40	1	1.01	0.5	0.5	3	16	0.17	110	0.10	5	0.16	15
94MOB1048	14	417193	6056386	CHEMEX	0.1	0.33	4	60	1	0.17	1.0	2	4	13	0.27	170	0.09	5	0.08	30
94MOB1050	14	417981	6058288	CHEMEX	0.1	0.68	1	210	1	0.14	0.5	7	8	12	0.53	200	0.07	5	0.09	30
94MOB1051	14	411782	6057477	CHEMEX	0.1	0.21	2	120	1	1.33	1.5	1	3	17	0.20	280	0.15	5	0.16	125
94MOB1053	14	414489	6059404	CHEMEX	0.1	0.28	1	130	1	0.65	0.5	1	4	14	0.25	340	0.10	5	0.08	200
94MOB1055	14	411088	6057738	CHEMEX	0.1	0.72	1	140	1	0.91	0.5	16	8	20	0.54	230	0.10	10	0.19	865
94MOB1057	14	409296	6054187	CHEMEX	0.1	0.27	2	120	1	1.12	1.0	2	5	12	0.28	200	0.09	5	0.16	105
94MOB1059	14	406195	6057775	CHEMEX	0.2	0.53	4	180	1	0.66	0.5	3	6	22	0.48	370	0.13	10	0.15	80
94MOB1061	14	405872	6062048	CHEMEX	0.1	0.58	20	100	1	1.16	0.25	10	4	75	0.70	240	0.10	5	0.18	50
94MOB1063	14	402475	6063976	CHEMEX	0.1	0.33	1	80	1	0.51	0.5	7	3	11	0.38	250	0.06	5	0.12	70
94MOB1066	14	399616	6060173	CHEMEX	0.1	0.14	1	50	1	1.34	0.5	4	2	13	0.19	150	0.03	5	0.19	30
94MOB1068	14	333148	6058763	CHEMEX	0.1	0.64	12	280	1	1.19	10.5	14	10	276	0.64	1250	0.12	10	0.20	1780
94MOB1070	14	330667	6061021	CHEMEX	0.4	0.25	24	50	1	0.61	6.0	2	4	192	0.44	500	0.09	5	0.16	60
94MOB1072	14	326956	6068557	CHEMEX	0.6	0.94	76	170	1	0.71	7.0	6	17	392	1.40	1100	0.10	10	0.23	145
94MOB1074	14	324091	6067616	CHEMEX	0.4	1.01	42	160	2	1.29	12.5	11	24	509	1.97	2600	0.18	5	0.55	1155
94MOB1076	14	322273	6064654	CHEMEX	1.0	1.19	104	110	1	0.17	10.5	3	8	711	1.19	1350	0.10	5	0.12	90
94MOB1078	14	323358	6063993	CHEMEX	0.6	0.46	38	500	2	1.35	22.5	8	4	765	0.84	2250	0.14	5	0.17	3560
94MOB1080	14	325154	6063614	CHEMEX	0.2	1.60	56	120	2	2.12	4.5	7	21	272	1.35	940	0.20	30	0.51	425
94MOB1082	14	321421	6062614	CHEMEX	1.2	0.32	62	110	1	1.14	10.5	2	2	474	0.44	1000	0.11	5	0.18	200
94MOB1084	14	320945	6060096	CHEMEX	1.2	0.38	48	250	2	1.65	19.0	5	3	734	0.81	1200	0.14	5	0.19	1195
94MOB1086	14	316425	6060122	CHEMEX	0.8	0.39	54	230	2	0.90	16.5	3	2	640	0.71	1500	0.13	5	0.12	910
94MOB1088	14	315991	6058283	CHEMEX	0.8	0.22	42	70	1	0.90	14.5	2	2	345	0.35	610	0.15	5	0.13	255
94MOB1090	14	318355	6056795	CHEMEX	0.4	0.97	40	170	2	1.05	5.0	9	20	205	1.31	570	0.17	5	0.42	1310
94MOB1092	14	318914	6059558	CHEMEX	0.8	0.21	38	110	1	0.84	8.0	1	1	352	0.38	1300	0.09	5	0.08	140
94MOB1094	14	318754	6062287	CHEMEX	1.4	0.37	64	410	4	0.99	38.5	8	1	1215	0.98	2150	0.12	5	0.14	4750
94MOB1096	14	342966	6060949	CHEMEX	0.1	0.97	40	100	2	2.85	2.0	20	8	239	0.77	430	0.09	30	0.25	835
94MOB1098	14	341965	6060025	CHEMEX	0.4	0.46	8	200	1	1.90	1.5	11	7	105	0.75	270	0.14	5	0.21	990
94MOB1100	14	337544	6057768	CHEMEX	0.1	0.51	6	440	2	1.52	6.5	4	9	151	0.73	740	0.16	5	0.21	2590
94MOB1102	14	316827	6070040	CHEMEX	1.4	0.93	94	190	2	1.57	31.5	12	9	1095	0.95	900	0.14	10	0.19	1175
94MOB1105	14	318793	6066835	CHEMEX	2.0	0.63	50	280	2	1.14	22.0	8	7	1345	1.65	1400	0.22	5	0.26	1115
94MOB1107	14	318297	6069207	CHEMEX	2.0	0.52	50	130	2	0.57	21.5	7	10	950	1.38	2000	0.11	10	0.25	800
94MOB1108	14	321607	6057315	CHEMEX	0.2	0.35	56	170	2	1.48	19.5	5	4	516	0.62	1300	0.13	5	0.24	1765
94MOB1111	14	322364	6060597	CHEMEX	2.6	0.48	28	180	4	1.03	14.0	7	6	606	1.03	2400	0.20	5	0.25	835
94MOB1114	14	326049	6065931	CHEMEX	0.8	0.36	50	230	2	1.89	30.5	6	2	858	0.81	1600	0.15	5	0.19	3030
94MOB1116	14	327577	6068410	CHEMEX	1.8	0.31	54	140	2	0.52	14.0	2	3	668	0.66	1400	0.10	5	0.09	325
94MOB1118	14	336217	6061250	CHEMEX	0.1	1.88	28	200	2	0.74	3.0	8	28	168	1.58	240	0.14	10	0.36	385
94MOB1120	14	320970	6069317	CHEMEX	3.4	0.50	84	240	4	1.12	26.0	9	3	1350	1.48	2750	0.17	5	0.22	970
94MOB1122	14	322984	6070011	CHEMEX	1.4	0.33	54	420	4	1.49	40.0	4	1	1055	0.55	1550	0.14	5	0.10	4970
94MOB1125	14	321048	6066312	CHEMEX	1.4	0.97	62	260	2	1.34	23.0	11	16	930	2.26	3600	0.21	5	0.44	1935

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB1013	0.5	0.005	3	770	114	2	0.5	51	0.005	4	410
94MOB1015	0.5	0.03	3	880	146	2	0.5	51	0.005	5	452
94MOB1018	1	0.07	6	480	1	6	0.5	129	0.005	8	34
94MOB1022	2	0.01	2	650	76	2	0.5	68	0.005	3	220
94MOB1024	0.5	0.01	2	530	106	2	0.5	56	0.01	12	418
94MOB1026	1	0.01	4	620	124	4	1	50	0.01	9	412
94MOB1036	0.5	0.005	5	1300	76	2	0.5	54	0.005	6	396
94MOB1038	1	0.02	19	500	100	4	6	54	0.03	52	216
94MOB1040	0.5	0.005	2	720	190	4	0.5	34	0.005	3	362
94MOB1042	0.5	0.005	8	1030	356	4	0.5	43	0.02	13	1380
94MOB1044	1	0.005	7	810	84	4	0.5	56	0.005	8	276
94MOB1046	0.5	0.01	2	610	6	1	0.5	34	0.005	4	18
94MOB1048	0.5	0.01	4	1020	28	1	0.5	23	0.005	7	56
94MOB1050	0.5	0.005	9	960	32	1	1	22	0.01	9	36
94MOB1051	0.5	0.01	2	930	44	2	0.5	55	0.005	5	40
94MOB1053	1	0.005	5	1030	46	2	0.5	42	0.005	6	46
94MOB1055	0.5	0.01	16	1410	22	2	0.5	49	0.005	9	28
94MOB1057	1	0.005	3	940	26	2	0.5	33	0.005	6	106
94MOB1059	1	0.005	9	1310	44	2	1	40	0.005	9	60
94MOB1061	1	0.005	5	1370	8	2	2	36	0.01	7	50
94MOB1063	0.5	0.005	4	760	22	1	0.5	25	0.005	5	28
94MOB1066	0.5	0.005	6	730	4	2	0.5	38	0.005	3	8
94MOB1068	0.5	0.01	13	1100	186	4	1	61	0.01	11	1140
94MOB1070	0.5	0.005	3	630	274	2	0.5	42	0.005	7	586
94MOB1072	1	0.005	13	780	422	4	3	34	0.03	18	1090
94MOB1074	1	0.005	13	1110	326	1	2	40	0.03	28	3620
94MOB1076	1	0.01	6	940	416	1	0.5	18	0.01	13	1465
94MOB1078	1	0.005	7	1000	820	4	0.5	64	0.01	9	3640
94MOB1080	1	0.005	18	1100	246	2	3	50	0.02	20	626
94MOB1082	1	0.005	4	990	744	4	0.5	49	0.005	6	1360
94MOB1084	1	0.005	5	1270	960	6	0.5	59	0.005	9	2680
94MOB1086	1	0.005	9	1070	690	4	0.5	40	0.005	7	2340
94MOB1088	1	0.005	4	860	314	2	0.5	36	0.005	6	1670
94MOB1090	1	0.005	15	1180	196	1	1	40	0.01	17	710
94MOB1092	1	0.005	2	710	386	2	0.5	33	0.005	4	1670
94MOB1094	1	0.005	6	1100	1460	6	0.5	33	0.005	10	4420
94MOB1096	1	0.005	29	1130	164	1	2	56	0.005	13	246
94MOB1098	1	0.005	12	960	120	1	1	52	0.01	16	286
94MOB1100	1	0.005	6	1310	206	1	0.5	57	0.01	13	1135
94MOB1102	1	0.005	11	850	862	1	0.5	54	0.02	16	5310
94MOB1105	1	0.005	11	1420	810	4	0.5	41	0.01	13	5380
94MOB1107	1	0.005	8	870	780	1	1	25	0.02	14	5370
94MOB1108	1	0.005	4	820	710	2	0.5	99	0.005	9	2210
94MOB1111	1	0.005	9	1520	470	1	0.5	48	0.01	11	3430
94MOB1114	1	0.005	8	1120	1000	2	0.5	66	0.005	8	4000
94MOB1116	1	0.005	3	880	926	6	0.5	32	0.01	8	2180
94MOB1118	1	0.005	25	780	176	1	3	35	0.04	29	240
94MOB1120	1	0.005	7	1240	1475	4	0.5	39	0.01	13	4000
94MOB1122	1	0.005	4	1170	848	4	0.5	66	0.005	6	5750
94MOB1125	1	0.005	11	1380	628	1	2	33	0.03	27	5470

Appendix V: Humus Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm
95ISK0001H	14	382425	6051575	CHEMEX	0.1	0.47	1	130	1	1.12	0.5	1	7	31	0.61	310	0.11	5	0.23	285
95ISK0002H	14	383225	6052300	CHEMEX	0.1	0.31	6	130	1	0.68	1.5	4	8	26	0.43	300	0.12	5	0.16	690
95ISK0003H	14	384200	6052650	CHEMEX	0.2	0.40	4	340	1	0.83	4.5	6	6	58	0.47	880	0.31	5	0.16	945
95ISK0004H	14	384250	6054150	CHEMEX	0.2	1.05	12	420	1	2.06	3.0	19	27	58	1.33	620	0.36	10	0.46	2480
95ISK0005H	14	383750	6055300	CHEMEX	0.1	0.51	24	200	1	1.85	7.0	2	9	88	0.58	870	0.20	5	0.29	410
95ISK0006H	14	381700	6052650	CHEMEX	0.1	1.04	2	290	1	0.57	1.5	9	26	25	1.29	200	0.13	5	0.43	805
95ISK0007H	14	382100	6053550	CHEMEX	0.2	0.26	4	250	1	1.70	3.5	4	6	41	0.34	340	0.15	5	0.20	1075
95ISK0008H	14	381475	6054200	CHEMEX	0.1	0.74	4	200	1	0.73	1.5	10	32	28	0.99	360	0.14	5	0.43	2330
95ISK0009H	14	380400	6054950	CHEMEX	0.1	0.46	4	180	2	1.82	1.5	6	16	31	0.66	270	0.15	5	0.40	810
95ISK0010H	14	385750	6051500	CHEMEX	0.1	0.41	1	170	1	0.47	0.5	1	6	17	0.61	260	0.11	5	0.16	115
95ISK0011H	14	386775	6052100	CHEMEX	0.1	0.31	4	140	1	1.12	2.0	2	7	36	0.42	660	0.12	5	0.11	1520
95ISK0012H	14	387650	6053600	CHEMEX	0.1	1.75	1	160	1	0.61	1.0	11	34	33	1.82	170	0.26	30	0.57	235
95ISK0013H	14	388100	6057750	CHEMEX	0.1	0.30	2	180	1	0.80	1.0	2	6	18	0.41	210	0.12	10	0.13	1715
95ISK0014H	14	385950	6052650	CHEMEX	0.1	0.39	4	290	1	0.69	1.5	3	9	22	0.47	440	0.12	5	0.11	450
95ISK0015H	14	383550	6056200	CHEMEX	0.1	0.77	1	260	1	1.23	1.0	12	42	24	1.02	180	0.16	5	0.58	1055
95ISK0016H	14	382825	6057000	CHEMEX	0.1	0.47	4	290	1	1.28	2.0	6	14	29	0.60	350	0.13	5	0.24	2210
95ISK0017H	14	379850	6057050	CHEMEX	0.1	0.45	2	290	1	1.83	2.0	11	45	33	0.72	270	0.19	5	0.40	1240
95ISK0018H	14	378425	6055650	CHEMEX	0.1	0.49	2	230	1	1.48	2.0	12	18	31	0.83	250	0.15	5	0.41	1330
95ISK0019H	14	376650	6056700	CHEMEX	0.1	0.23	1	340	1	2.38	3.0	7	6	35	0.31	380	0.22	5	0.31	1415
95ISK0020H	14	377350	6057550	CHEMEX	0.1	0.24	1	170	1	0.62	1.0	13	21	18	0.52	190	0.14	5	0.35	965
95ISK0021H	14	376650	6058350	CHEMEX	0.1	0.23	2	320	1	1.59	1.0	4	4	23	0.28	310	0.23	5	0.20	575
95MOB002	13	636348	6099574	CHEMEX	0.2	0.34	6	260	1	0.68	3.5	2	5	47	0.38	650	0.16	5	0.08	3280
95MOB004	13	631772	6096920	CHEMEX	0.1	0.18	2	60	1	0.14	1.0	0.5	2	14	0.17	370	0.12	5	0.05	70
95MOB006	13	633883	6094193	CHEMEX	0.1	0.46	4	160	1	0.39	1.5	1	8	26	0.49	650	0.13	5	0.09	420
95MOB008	13	637534	6089838	CHEMEX	0.1	0.38	6	340	1	0.89	2.5	3	5	34	0.40	180	0.20	5	0.08	895
95MOB010	13	630084	6091687	CHEMEX	0.1	0.25	4	220	1	0.56	1.0	1	4	14	0.27	200	0.09	5	0.06	185
95MOB012	13	629705	6085409	CHEMEX	0.2	0.33	4	360	1	0.87	2.0	2	7	24	0.47	270	0.07	10	0.08	1055
95MOB013	13	633746	6082462	CHEMEX	0.1	0.27	2	80	1	0.26	1.5	1	4	24	0.24	360	0.06	5	0.04	20
95MOB015	13	633337	6083469	CHEMEX	0.1	1.22	8	580	1	0.58	2.0	23	20	48	1.35	250	0.13	10	0.22	5910
95MOB019	13	688339	6101944	CHEMEX	0.4	0.67	32	120	2	0.30	5.0	3	7	167	0.65	1060	0.14	5	0.10	150
95MOB021	13	672507	6101531	CHEMEX	0.6	0.25	8	140	1	1.82	0.5	1	7	25	0.33	200	0.09	5	0.11	65
95MOB023	13	672048	6110862	CHEMEX	1.0	0.17	2	280	1	0.37	2.0	2	3	31	0.23	350	0.11	5	0.07	55
95MOB025	13	676182	6117037	CHEMEX	0.2	0.36	10	240	1	0.78	2.5	1	5	71	0.42	800	0.12	5	0.07	460
95MOB027	13	671883	6123143	CHEMEX	0.2	1.32	6	150	1	0.06	0.5	4	19	35	1.08	310	0.07	10	0.12	45
95MOB029	13	685129	6122932	CHEMEX	0.1	0.60	6	200	1	0.18	2.5	2	19	43	0.78	420	0.08	10	0.10	80
95MOB031	13	658728	6121993	CHEMEX	0.1	0.24	1	50	1	0.17	1.5	1	4	27	0.24	420	0.14	5	0.07	65
95MOB033	13	661254	6114547	CHEMEX	0.1	0.24	4	90	1	0.41	2.0	1	4	41	0.27	750	0.11	5	0.07	245
95MOB035	13	656767	6103940	CHEMEX	0.1	0.17	6	60	1	0.53	1.0	0.5	3	22	0.19	250	0.07	5	0.05	15
95MOB037	13	631718	6076437	CHEMEX	0.1	0.42	4	90	1	0.23	1.5	1	9	20	0.44	610	0.14	5	0.09	140
95MOB039	13	630451	6057854	CHEMEX	0.1	0.48	2	90	1	1.21	1.0	1	7	11	0.48	320	0.06	5	0.36	920
95MOB041	13	635600	6055150	CHEMEX	0.1	0.37	2	160	1	0.89	1.0	1	9	14	0.46	500	0.10	5	0.12	1880

Appendix V: Humus Geochemistry

Sample Number	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
95ISK0001H	0.5	0.05	3	710	36	1	0.5	50	0.01	7	172
95ISK0002H	0.5	0.05	4	1010	68	1	0.5	32	0.05	8	90
95ISK0003H	0.5	0.05	6	2660	92	1	1	43	0.05	9	320
95ISK0004H	0.5	0.01	11	2490	156	1	2	87	0.03	27	290
95ISK0005H	0.5	0.01	6	1940	200	1	1	92	0.01	13	378
95ISK0006H	0.5	0.05	14	1010	42	1	2	25	0.03	28	134
95ISK0007H	1	0.05	4	1060	102	1	0.5	65	0.05	7	260
95ISK0008H	0.5	0.05	11	920	78	2	1	19	0.02	21	244
95ISK0009H	0.5	0.05	9	1050	42	2	1	51	0.01	14	144
95ISK0010H	0.5	0.05	5	960	38	2	0.5	20	0.01	10	78
95ISK0011H	0.5	0.05	4	880	80	2	0.5	27	0.05	8	244
95ISK0012H	0.5	0.01	25	1170	34	1	4	40	0.05	32	76
95ISK0013H	0.5	0.05	3	940	48	1	0.5	37	0.01	8	82
95ISK0014H	0.5	0.05	5	1030	64	2	0.5	34	0.01	8	212
95ISK0015H	0.5	0.05	12	1050	40	1	1	50	0.02	21	156
95ISK0016H	0.5	0.05	8	1340	52	1	1	56	0.01	12	216
95ISK0017H	0.5	0.05	18	1190	54	1	1	72	0.05	12	222
95ISK0018H	0.5	0.05	11	1160	44	1	0.5	46	0.05	16	204
95ISK0019H	0.5	0.05	20	1900	78	2	0.5	86	0.05	6	356
95ISK0020H	0.5	0.05	42	1250	34	1	0.5	24	0.05	7	144
95ISK0021H	0.5	0.05	6	1560	40	1	0.5	98	0.05	6	136
95MOB002	0.5	0.01	6	1250	140	1	0.5	33	0.01	9	326
95MOB004	0.5	0.05	3	760	48	1	0.5	21	0.05	3	82
95MOB006	0.5	0.01	7	1390	96	1	0.5	25	0.01	12	116
95MOB008	0.5	0.05	5	1350	112	1	0.5	57	0.05	10	244
95MOB010	0.5	0.05	8	710	46	1	0.5	39	0.05	5	106
95MOB012	1	0.01	6	570	50	1	0.5	46	0.01	8	182
95MOB013	0.5	0.05	4	750	74	1	0.5	24	0.05	6	104
95MOB015	0.5	0.05	28	2650	36	1	2	43	0.03	23	386
95MOB019	0.5	0.05	8	1430	324	2	1	32	0.01	12	596
95MOB021	0.5	0.05	4	570	8	1	1	36	0.01	7	54
95MOB023	1	0.05	6	630	52	1	0.5	45	0.05	4	100
95MOB025	0.5	0.05	4	1270	156	2	0.5	39	0.01	10	312
95MOB027	0.5	0.01	13	1140	28	1	2	13	0.04	16	54
95MOB029	0.5	0.01	6	980	94	1	0.5	25	0.02	16	152
95MOB031	0.5	0.05	4	800	64	1	0.5	19	0.05	6	148
95MOB033	0.5	0.05	4	1080	88	1	0.5	21	0.05	7	200
95MOB035	2	0.05	2	550	60	1	0.5	24	0.05	3	98
95MOB037	0.5	0.01	5	1150	58	1	0.5	21	0.01	11	110
95MOB039	0.5	0.05	3	870	34	1	0.5	12	0.01	8	50
95MOB041	0.5	0.05	3	960	42	1	1	17	0.01	10	120

APPENDIX VI. Till Geochemistry

a) AAS method
b) ICP-AES method

Sample preparation: Centrifuge and decantation at < 0.002 mm

Analytical extractions:	Nitric Aqua regia (HCl-HNO3, 3:1)
	Multi-acid (HF-HClO4-HNO3-HCl)
Analytical metods:	AAS (Standard atomic absorption spectrometry)
	ICP-AES (Inductively coupled plasma atomic emission spectrometry)
	Colour. (Colourimetric techniques)
	CV-AAS (Atomic absorption spectrometry, cold vapor)

NOTE: In data file, values below detection limit have been assigned 1/2 detection limit.

LAB: SRC (Saskatchewan Research Council, in 1991)

ELEMENTS	Method	Extraction	Detection limit
Ag (ppm)	AAS	Aqua regia	0.1
As (ppm)	ICP-AES	Aqua regia	1
Co (ppm)	ICP-AES	Aqua regia	0.2
Cu (ppm)	ICP-AES	Aqua regia	0.2
Mo (ppm)	ICP-AES	Aqua regia	0.2
Ni (ppm)	ICP-AES	Aqua regia	0.2
Pb (ppm)	AAS	Aqua regia	0.2
Zn (ppm)	AAS	Aqua regia	0.2

LAB: BC-1 (Bondar-Clegg Co. Ltd., in 1986, 1988, 1989)

ELEMENTS	Method	Extraction	Detection limit
Ag (ppm)	AAS	Aqua regia	0.1
As (ppm)	Colour.	Multi-acid	2
Cd (ppm)	AAS	Aqua regia	0.2
Co (ppm)	AAS	Aqua regia	1
Cr (ppm)	AAS	Aqua regia	2
Cu (ppm)	AAS	Aqua regia	1
Fe (%)	AAS	Aqua regia	0.1
Mn (ppm)	AAS	Aqua regia	1
Mo (ppm)	AAS	Aqua regia	1
Ni (ppm)	AAS	Aqua regia	2
Pb (ppm)	AAS	Aqua regia	2
Zn (ppm)	AAS	Aqua regia	1

LAB: BC-2 (Bondar-Clegg Co. Ltd., in 1991)

ELEMENTS	Method	Extraction	Detection limit
Ag (ppm)	ICP-AES	Aqua regia	0.2
Al (%)	ICP-AES	Aqua regia	0.01
As (ppm)	ICP-AES	Aqua regia	5
Ba (ppm)	ICP-AES	Aqua regia	2
Ca (%)	ICP-AES	Aqua regia	0.01
Cd (ppm)	ICP-AES	Aqua regia	0.2

Co (ppm)	ICP-AES	Aqua regia	1
Cr (ppm)	ICP-AES	Aqua regia	1
Cu (ppm)	ICP-AES	Aqua regia	1
Fe (%)	ICP-AES	Aqua regia	0.01
Hg (ppb)	CV-AAS	Multi-acid	5
K (%)	ICP-AES	Aqua regia	0.01
La (ppm)	ICP-AES	Aqua regia	1
Mg (%)	ICP-AES	Aqua regia	0.01
Mn (ppm)	ICP-AES	Aqua regia	1
Mo (ppm)	ICP-AES	Aqua regia	1
Na (%)	ICP-AES	Aqua regia	0.01
Ni (ppm)	ICP-AES	Aqua regia	1
Pb (ppm)	ICP-AES	Aqua regia	2
Sb (ppm)	ICP-AES	Aqua regia	5
Sc (ppm)	ICP-AES	Aqua regia	5
Sr (ppm)	ICP-AES	Aqua regia	1
V (ppm)	ICP-AES	Aqua regia	1
Zn (ppm)	ICP-AES	Aqua regia	1

LAB: BC-3 (Bondar-Clegg Co. Ltd., in 1990, 1991, 1992)

ELEMENTS	Method	Extraction	Detection limit
Ag (ppm)	ICP-AES	Aqua regia	0.2
Al (%)	ICP-AES	Aqua regia	0.01
As (ppm)	ICP-AES	Aqua regia	2
Ba (ppm)	ICP-AES	Aqua regia	2
Ca (%)	ICP-AES	Aqua regia	0.01
Cd (ppm)	ICP-AES	Aqua regia	1
Co (ppm)	ICP-AES	Aqua regia	1
Cr (ppm)	ICP-AES	Aqua regia	1
Cu (ppm)	ICP-AES	Aqua regia	1
Fe (%)	ICP-AES	Aqua regia	0.01
Hg (ppb)	CV-AAS	Aqua regia	5
La (ppm)	ICP-AES	Aqua regia	1
Mg (%)	ICP-AES	Aqua regia	0.01
Mn (ppm)	ICP-AES	Aqua regia	1
Mo (ppm)	ICP-AES	Aqua regia	1
Na (%)	ICP-AES	Aqua regia	0.01
Ni (ppm)	ICP-AES	Aqua regia	1
Pb (ppm)	ICP-AES	Aqua regia	2
Sb (ppm)	ICP-AES	Aqua regia	2
Sr (ppm)	ICP-AES	Aqua regia	1
V (ppm)	ICP-AES	Aqua regia	1
Zn (ppm)	ICP-AES	Aqua regia	2

LAB: CHEMEX Ltd. (1992 through 1995)

ELEMENTS	Method	Extraction	Detection limit
Ag (ppm)	ICP-AES	Aqua regia	0.2
Al (%)	ICP-AES	Aqua regia	0.01

As (ppm)	ICP-AES	Aqua regia	2
Bi (ppm)	ICP-AES	Aqua regia	2
Ba (ppm)	ICP-AES	Aqua regia	10
Ca (%)	ICP-AES	Aqua regia	0.01
Cd (ppm)	ICP-AES	Aqua regia	0.5
Co (ppm)	ICP-AES	Aqua regia	1
Cr (ppm)	ICP-AES	Aqua regia	1
Cu (ppm)	ICP-AES	Aqua regia	1
Fe (%)	ICP-AES	Aqua regia	0.01
Hg (ppb)	CV-AAS	Aqua regia	10
K (%)	ICP-AES	Aqua regia	0.01
La (ppm)	ICP-AES	Aqua regia	10
Mg (%)	ICP-AES	Aqua regia	0.01
Mn (ppm)	ICP-AES	Aqua regia	5
Mo (ppm)	ICP-AES	Aqua regia	1
Na (%)	ICP-AES	Aqua regia	0.01
Ni (ppm)	ICP-AES	Aqua regia	1
Pb (ppm)	ICP-AES	Aqua regia	2
Sb (ppm)	ICP-AES	Aqua regia	2
Sc (ppm)	ICP-AES	Aqua regia	1
Sr (ppm)	ICP-AES	Aqua regia	1
V (ppm)	ICP-AES	Aqua regia	1
Ti (%)	ICP-AES	Aqua regia	0.01
Zn (ppm)	ICP-AES	Aqua regia	2

Appendix VIa: Till Geochemistry
(A.A.S.)

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
84BSC0770	13	677250	6121600	SRC	0.2										8	119
84BSC0773	13	666600	6113900	SRC	0.3										12	53
84BSC0775	13	676150	6115700	SRC	0.3										7	119
84BSC0776	13	685600	6116750	SRC												41
84BSC0778	13	679100	6102900	SRC												93
84BSC0780	13	657200	6104350	SRC												22
84BSC0877	13	640185	6121236	SRC	0.6										4	80
84BSC0878	13	636652	6109118	SRC	0.3										3	81
84BSC0879	13	636170	6104796	SRC												81
84BSC0914	13	639353	6108443	SRC	0.4										1	58
84BSC0916	13	643515	6110566	SRC	0.2										5	96
84ECH0060	13	642926	6080726	SRC	0.1										6	133
84ECH0068	13	643694	6085480	SRC	0.1										6	168
84ECH0070	13	642809	6094653	SRC	0.1										6	86
84ECH0078	13	637161	6071365	SRC	0.1										5	79
84ECH0120	13	634100	6084900	SRC	0.2										7	130
84ECH0145	13	678000	6096000	SRC	0.1										8	90
84ECH0146	13	686734	6096157	SRC	0.6										6	72
84ECH0150	13	688200	6074300	SRC	0.6										12	40
84ECH0152	14	309568	6097365	SRC	0.9										12	197
84ECH0155	14	316143	6058979	SRC	0.4										4	87
84ECH0156	13	684000	6065200	SRC	0.3										6	71
84ECH0157	13	680100	6049200	SRC	0.4										5	59
84ECH0158	13	675300	6056600	SRC	0.5										4	175
84ECH0159	13	673409	6061896	SRC	0.1										7	89
84ECH0161	13	665900	6065300	SRC	0.1										4	63
84ECH0162	13	662700	6053900	SRC	0.2										5	89
84ECH0163	13	645500	6065100	SRC	0.2										2	50
86KDA0350	14	363850	6113000	BC -1	0.1	62	0.1	18	99	138	6.00	220	2	46	14	64
86KDA0351	14	369100	6113000	BC -1		10	0.1	20	120	202	4.90	330	1	61	15	131
86KDA0352	14	370900	6115850	BC -1		7	0.1	17	106	53	3.90	210	1	50	15	100
86KDA0353	14	371625	6122100	BC -1		7	0.1	21	148	98	4.40	190	2	63	12	112
86KDA0354	14	363800	6118500	BC -1	0.2	19	0.1	22	112	59	4.40	260	1	59	13	110
86KDA0360	14	365425	6110150	BC -1	0.2	15	0.1	20	109	181	4.60	170	2	63	12	105
86KDA0361	14	365400	6109075	BC -1	0.4	5	0.1	21	120	47	4.10	280	1	57	13	137
86KDA0362	14	365050	6108525	BC -1	0.3	5	0.1	18	108	48	3.60	280	1	56	11	114
86KDA0363	14	364900	6108000	BC -1	0.2	12	0.1	23	120	129	4.40	250	3	76	14	117
86KDA0364	14	364500	6107450	BC -1		12	0.1	16	90	82	3.80	560	3	46	18	115
86KDA0365	14	364900	6106900	BC -1	0.4	11	0.1	22	136	82	5.30	300	3	69	14	128
86KDA0367	14	364775	6106275	BC -1		26	0.1	21	160	110	5.60	350	2	71	12	130
86KDA0368	14	365200	6104850	BC -1		12	0.1	25	160	85	5.10	360	2	75	16	129
86KDA0369	14	365500	6104275	BC -1	0.5	11	0.1	20	96	65	4.10	320	2	52	16	100
86KDA0370	14	365450	6103800	BC -1	0.2	13	0.1	22	176	78	6.00	340	2	58	13	112

Appendix VIa: Till Geochemistry
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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
86KDA0371	14	365225	6103075	BC -1		35	0.1	29	180	134	6.30	300	4	92	16	117
86KDA0372	14	365550	6102700	BC -1	0.1	16	0.1	28	144	110	4.80	530	2	67	13	133
86KDA0373	14	365900	6101950	BC -1		18	0.1	28	198	110	5.40	340	3	82	16	103
86KDA0374	14	365475	6099800	BC -1		10	0.1	17	128	63	4.60	260	1	49	14	95
86KDA0375	14	364800	6098425	BC -1	0.3	55	0.1	26	136	187	5.30	280	3	71	16	120
86KDA0376	14	364200	6097875	BC -1		322	0.1	24	146	117	5.30	250	3	66	12	109
86KDA0377	14	363250	6096850	BC -1	0.3	78	0.1	26	144	61	5.50	300	4	66	10	123
86KDA0378	14	361700	6096525	BC -1		24	0.1	20	136	91	4.80	520	1	76	11	143
86KDA0410	14	360610	6123520	BC -1	0.4	13	0.1	12	112	41	6.20	253	3	45	14	145
86KDA0414	14	366450	6120860	BC -1	0.1	38	0.1	20	104	50	3.60	244	1	45	9	118
86KDA0415	14	350400	6122380	BC -1		7	0.1	12	106	179	2.10	201	2	47	7	71
86KDA0428	14	342750	6124550	BC -1	0.1	5	0.1	15	118	28	3.40	407		53	11	132
86KDA0429	14	347080	6122270	BC -1	0.2	8	0.1	15	144	152	3.90	188	2	58	10	134
86KDA0430	14	350670	6118980	BC -1	0.2	30	0.1	23	138	84	3.20	232	1	67	9	158
86KDA0437	14	362150	6104675	BC -1		38	0.1	23	156	90	3.90	228	2	60	13	107
86KDA0438	14	359450	6098500	BC -1		10	0.1	17	136	35	3.20	267	1	42	10	97
86KDA0439	14	355200	6100550	BC -1		100	0.2	19	116	71	4.50	340	3	44	18	140
86KDA0440	14	356750	6105350	BC -1		65	0.1	19	146	112	4.60	181	3	48	13	92
86KDA0448	14	352800	6103550	BC -1	0.3	121	0.2	26	164	75	4.80	360	2	63	11	152
86KDA0449	14	357100	6111200	BC -1		20	0.1	17	114	34	3.00	343	1	49	11	116
86KDA0458	14	351500	6118750	BC -1	0.3	4	0.1	19	128	48	4.00	434	1	56	10	136
86KDA0459	14	344725	6119700	BC -1	0.2	9	0.1	18	150	45	4.50	295	2	60	13	130
86KDA0460	14	344800	6112650	BC -1	0.3	8	0.1	17	136	45	3.40	201	2	53	7	107
86KDA0468	14	371175	6106600	BC -1		8	0.1	15	116	76	3.90	142		42	11	92
86KDA0479	14	375980	6111650	BC -1		55	0.5	26	112	153	5.30	603	3	59	18	207
86KDA0480	14	360575	6096250	BC -1		30	0.1	25	152	109	4.00	534		66	13	153
86KDA0481	14	359600	6094950	BC -1		57	0.1	21	138	91	4.20	218	3	63	17	111
86KDA0482	14	358700	6095000	BC -1	0.1	56	0.1	22	132	110	3.20	317	2	61	11	125
86KDA0483	14	358100	6095025	BC -1	0.3	9	0.1	18	164	40	3.70	346		51	7	118
86KDA0484	14	357750	6094500	BC -1		14	0.2	17	144	36	4.10	266	1	55	10	125
86KDA0485	14	356300	6092150	BC -1		123	0.3	17	112	140	3.70	335	12	47	15	86
86KDA0486	14	357800	6091950	BC -1		11	0.2	20	168	48	3.30	304		48	12	138
86KDA0490	14	355250	6090900	BC -1	0.1	21	0.1	20	128	96	3.70	270	1	47	8	113
86KDA0491	14	352650	6089400	BC -1	0.1	9	0.1	17	150	55	4.20	369		53	12	146
86KDA0492	14	347000	6088925	BC -1	0.1	15	0.1	20	140	44	3.80	345		52	12	141
86KDA0498	14	389650	6101900	BC -1		14	0.4	19	116	108	3.70	263	1	42	14	116
86KDA0499	14	381050	6104250	BC -1		234	0.5	26	156	117	4.90	241	3	54	17	133
86KDA0500	14	385875	6106575	BC -1	0.1	20	0.2	11	78	48	4.20	190	2	28	15	108
86KDA0506	14	382225	6112175	BC -1		5	0.1	17	118	39	3.60	350		45	10	115
86KDA0507	14	387250	6112600	BC -1		8	0.1	13	84	106	3.70	246	2	37	12	131
86KDA0508	14	385100	6118325	BC -1		19	0.5	13	112	193	4.60	156	3	52	17	111
86KDA0509	14	388350	6121225	BC -1		6	0.1	14	100	111	5.00	207	2	43	11	104
86KDA0515	14	396350	6096700	BC -1		7	0.1	18	116	65	3.90	272		51	9	123

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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
86KDA0516	14	395800	6101700	BC -1		4	0.1	25	138	75	4.20	367	1	64	7	137
86KDA0517	14	398200	6106850	BC -1		5	0.1	19	118	76	4.30	376	1	59	10	145
86KDA0518	14	396100	6110750	BC -1		5	0.1	15	80	61	4.70	221	2	44	6	119
86KDA0519	14	390450	6115750	BC -1	0.3	3	0.1	13	126	56	3.60	192		40	8	104
86KDA0520	14	343500	6088425	BC -1	0.2	52	0.4	17	120	74	4.20	294	1	55	12	127
86KDA0521	14	342975	6092675	BC -1	0.1	41	0.1	19	132	66	4.90	386		64	11	145
86KDA0522	14	342800	6095850	BC -1	0.4	110	0.3	26	148	244	4.50	482	1	92	10	166
86KDA0523	14	347300	6098200	BC -1	0.1	75	0.1	19	110	157	3.30	572	1	54	7	117
86KDA0524	14	348200	6098375	BC -1	0.3	82	0.1	24	128	165	4.50	442	1	69	9	173
86KDA0525	14	347800	6101550	BC -1		46	0.1	22	188	186	5.50	476		84	9	161
86KDA0539	14	395750	6118100	BC -1	0.1	3	0.1	13	130	72	3.70	180	1	45	6	87
86KDA0540	14	345150	6109325	BC -1	0.3	65	0.1	11	160	280	3.20	131	2	71	16	95
86KDA0541	14	344850	6107425	BC -1		34	0.1	13	142	255	3.90	139	2	78	11	84
86KDA0542	14	344700	6106125	BC -1		73	0.1	11	124	144	4.40	277	1	69	14	118
86KDA0543	14	343325	6104050	BC -1		43	0.1	15	118	397	4.60	193	3	77	21	108
86KDA0544	14	342875	6102750	BC -1	0.1	13	0.1	18	150	539	4.00	157	1	56	10	93
86KDA0545	14	342900	6100700	BC -1	0.2	29	0.1	17	100	98	3.80	308	1	63	13	111
86KDA0546	14	392700	6123000	BC -1	0.2	4	0.1	17	136	72	4.10	128	2	63	13	118
86KDA0547	14	402550	6121150	BC -1	0.1	12	0.1	19	116	77	4.40	158	2	82	15	99
86KDA0554	14	402300	6116950	BC -1	0.3	7	0.1	13	164	86	4.20	203	2	50	13	85
86KDA0555	14	401300	6104100	BC -1	0.1	7	0.1	16	84	80	5.20	237	3	46	12	113
86KDA0556	14	401650	6099250	BC -1	0.3	4	0.1	12	100	115	4.60	193	2	44	11	84
86KDA0600	14	341925	6086100	BC -1		21	0.1	19	136	74	3.80	180	1	44	10	75
86KDA0601	14	341250	6084750	BC -1		16	0.1	25	151	118	4.90	550	1	79	11	172
86KDA0602	14	343100	6086350	BC -1		30	0.1	21	121	187	3.70	420	1	68	13	296
86KDA0603	14	354800	6090550	BC -1	0.1	19	0.1	18	71	137	4.70	680	1	46	11	158
86KDA0608	14	331200	6098525	BC -1	0.1	26	0.1	16	160	238	4.40	433		73	10	155
86KDA0609	14	331625	6098300	BC -1		11	0.1	25	189	110	5.10	400		71	10	114
86KDA0610	14	356750	6093000	BC -1		106	0.1	27	168	257	5.10	600	1	94	11	180
86KDA0611	14	360200	6096100	BC -1		14	0.1	28	173	133	5.10	520	1	88	10	203
86KDA0612	14	360200	6096100	BC -1		18	0.1	27	179	138	4.70	490		83	11	168
86KDA0614	14	363000	6096700	BC -1		36	0.1	29	155	221	4.90	680	1	86	11	181
86KDA0615	14	363250	6096950	BC -1	0.2	20	0.1	31	174	125	5.50	820	1	90	15	228
86KDA0616	14	363250	6096950	BC -1		5	0.1	31	170	157	6.60	637	1	81	12	167
86KDA0617	14	365125	6098650	BC -1		39	0.1	30	172	102	6.20	523		93	13	215
86KDA0618	14	332500	6098050	BC -1	0.1	20	0.1	27	150	194	4.20	600	1	74	13	127
86KDA0619	14	373050	6100000	BC -1		180	0.1	26	133	131	4.00	340	5	100	14	94
86KDA0650	14	371150	6100050	BC -1	0.1	39	0.1	21	130	628	4.30	548	1	75	8	157
86KDA0651	14	370150	6099500	BC -1		16	0.1	23	139	110	4.60	520	2	58	12	105
86KDA0652	14	369800	6099800	BC -1		13	0.1	19	112	89	4.00	440		65	14	156
86KDA0653	14	367600	6098900	BC -1		16	0.1	25	140	98	3.70	400		61	14	129
86KDA0654	14	434800	6081150	BC -1		69	0.1	20	118	156	3.80	410		63	6	135
86KDA0655	14	433300	6083750	BC -1		48	0.1	35	151	141	4.20	740	1	66	7	135

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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
86KDA0704	14	415000	6121000	BC -1	0.2	4	0.1	17	115	45	2.90	230		51	13	80
86KDA0705	14	428000	6120200	BC -1		5	0.1	20	147	101	3.40	170	1	66	8	100
86KDA0706	14	433300	6115600	BC -1		2	0.1	14	100	20	2.90	230		42	9	99
86KDA0707	14	426600	6112000	BC -1	0.3	3	0.1	17	147	163	2.90	115	2	96	10	122
86KDA0708	14	421800	6117300	BC -1		4	0.1	13	124	95	3.40	140	1	48	8	86
86KDA0709	14	333800	6104700	BC -1		11	0.1	20	165	110	4.40	210	2	72	3	105
86KDA0710	14	330350	6110100	BC -1		37	0.1	21	180	80	4.00	250	1	76	3	102
86KDA0711	14	334050	6109850	BC -1		6	0.1	20	149	42	4.60	400		69	4	122
86KDA0712	14	419400	6098000	BC -1		28	0.1	20	134	113	4.10	135	1	54	4	72
86KDA0713	14	424500	6098800	BC -1	0.2	2	0.1	23	201	136	4.30	140	3	81	4	112
86KDA0714	14	435000	6104300	BC -1	0.2	2	0.1	17	176	60	3.40	190		74	3	91
86KDA0715	14	429800	6100500	BC -1		4	0.1	14	139	60	3.30	180		54	2	80
86KDA0716	14	422300	6108400	BC -1		5	0.1	19	135	64	3.30	140	1	65	2	93
86KDA0717	14	418600	6104500	BC -1		2	0.1	15	140	63	2.60	70	1	48	3	69
86KDA0718	14	334600	6118700	BC -1		26	0.1	25	179	171	4.40	680		82	2	148
86KDA0719	14	332550	6123800	BC -1		7	0.1	16	127	64	3.90	200	2	42	14	68
86KDA0720	14	327300	6125250	BC -1		4	0.1	19	165	64	3.90	180	1	64	10	99
86KDA0721	14	322950	6115600	BC -1		5	0.1	21	211	81	4.70	150	2	72	12	116
86KDA0727	14	319050	6125930	BC -1		3	0.1	23	210	109	4.70	250	1	87	12	149
86KDA0728	14	316750	6118600	BC -1		5	0.1	22	184	64	4.50	320	1	73	16	145
86KDA0729	14	316600	6102200	BC -1		11	0.1	16	148	132	4.40	240	1	54	11	105
86KDA0730	14	320550	6100820	BC -1		5	0.1	17	137	33	3.20	330		57	15	115
86KDA0731	14	327400	6107200	BC -1		6	0.1	18	143	56	3.30	240	1	58	13	92
86KDA0732	14	327550	6110850	BC -1		18	0.1	17	159	49	3.90	200	2	70	15	92
86KDA0733	14	407000	6103100	BC -1		2	0.1	14	100	58	2.50	150	1	41	10	75
86KDA0734	14	410500	6101300	BC -1		5	0.1	15	115	45	3.60	200	2	47	13	80
86KDA0735	14	417400	6111900	BC -1		2	0.1	21	165	79	3.30	200		72	7	101
86KDA0736	14	413400	6114900	BC -1	0.3	5	0.1	16	123	51	2.90	220	1	53	17	89
86KDA0737	14	406800	6112000	BC -1		3	0.1	18	156	51	3.00	230		62	6	89
86KDA3245	14	369800	6099850	BC -1		15	0.1	27	118	177	3.90	540	1	80	15	128
86KDA3263	14	332950	6058150	BC -1		16	0.1	21	116	138	4.80	560		63	10	132
86KDA3272	14	319150	6070700	BC -1	0.1	31	0.1	19	94	230	5.30	550	0.5	62	11	113
86KDA3273	14	319150	6070700	BC -1	0.1	74	0.1	55	68	377	7.00	1015	0.5	71	14	157
86KDA3281	14	318150	6070750	BC -1	0.1	86	0.4	60	142	382	6.00	1050	2	83	15	220
86KDA3285	14	317600	6071000	BC -1	0.1	19	0.2	29	124	125	5.30	490	0.5	66	7	166
86KDA3291	14	316500	6072050	BC -1	0.1	43	0.1	29	103	139	4.50	660	1	72	14	173
86KDA3296	14	317700	6072700	BC -1	0.1	45	0.3	32	117	155	5.40	480	2	81	14	285
86KDA3299	14	318200	6072200	BC -1	0.1	20	0.1	19	129	141	4.60	340	1	58	9	111
86KDA3305	14	316900	6071550	BC -1	0.1	31	0.3	20	103	121	4.70	240	1	45	9	167
86KDA3309	14	319050	6071500	BC -1	0.3	23	0.1	38	138	244	6.20	760	2	85	11	161
86KDA3312	14	319750	6070200	BC -1	0.3	48	0.1	32	123	219	6.80	520	1	78	9	147
86KDA3321	14	321250	6066250	BC -1	0.2	63	0.1	25	99	114	5.20	620	1	57	13	146
86KDA3325	14	317450	6073250	BC -1	0.1	16	0.1	22	140	92	5.00	350	1	58	7	155

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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
86KDA3334	14	317500	6074550	BC -1	0.4	29	0.1	27	96	208	4.10	580	0.5	69	12	121
86KDA3338	14	321225	6066850	BC -1	0.1	32	0.1	29	136	160	6.00	590	0.5	75	8	215
86NIE0008	14	346297	6011270	BC -1		6		20	118	81		500		61	1	110
86NIE0009	14	373614	6020315	BC -1		8		12	55	55		300		34	2	67
86NIE0010	14	368901	6014837	BC -1		7		10	51	53		370		32	2	71
86NIE0011	14	346054	6013436	BC -1		6		20	124	96		530		69	1	126
86NIE0012	14	355723	6037821	BC -1		12		17	102	92		460		69	1	80
86NIE0013	14	366915	6044777	BC -1		6		15	70	91		450		70	1	56
86NIE0017	14	346438	6034385	BC -1		7		13	155	104		450		77	1	90
86NIE0018	14	345963	6054614	BC -1		9		25	136	210		530		77	1	130
86NIE0021	14	410742	6046871	BC -1		11		39	149	133		340		87	9	80
86NIE0022	14	406269	6046794	BC -1		12		49	65	121		410		65	14	87
86NIE0023	14	346220	6034370	BC -1		10		16	154	114		450		79	11	97
86NIE0024	14	328885	6039582	BC -1		9		30	328	170		510		117	9	127
86NIE0025	14	360096	6041170	BC -1		8		16	83	67		530		52	11	75
86NIE0026a	14	363422	6043503	BC -1		9		14	76	101		460		54	9	82
86NIE0027	14	321275	6066350	BC -1		17		25	195	151		570		99	13	201
86NIE0028a	14	346531	6043603	BC -1		21		28	83	181		510		63	4	105
86NIE0028b	14	346531	6043603	BC -1		18		28	79	167		540		62	4	99
86NIE0029	14	351852	6044478	BC -1		13		20	293	133		490		117	7	83
86NIE0030	14	352257	6039250	BC -1		10		15	113	88		460		62	5	107
86NIE0031	14	333763	6014746	BC -1		7		26	223	122		560		103	7	101
86NIE0033	14	323861	6064571	BC -1		21		25	183	160		620		79	6	18
86NIE0034	14	333162	6058085	BC -1		24		22	158	179		560		66	6	152
86NIE0035	14	327296	6063677	BC -1		101		37	164	133		610		78	7	130
86NIE0036	14	325128	6067144	BC -1		45		34	198	183		740		77	8	15
86NIE0037	14	323711	6066754	BC -1		16		40	226	254		910		70	7	177
86NIE0038	14	321862	6063799	BC -1		38		31	170	206		590		82	7	175
86NIE0039	14	319676	6070568	BC -1		95		80	71	233		860		91	4	179
86NIE0047	14	323272	6081664	BC -1		24		24	241	234		540		99	9	179
86NIE0048	14	345021	6108482	BC -1		17		12	121	60		260		48	17	124
86NIE0053	14	347768	6098211	BC -1		85		23	154	252		550		78	9	149
86NIE0054	14	347748	6101300	BC -1		41		24	196	226		560		85	7	172
86NIE0062	14	336922	6059230	BC -1		23		23	112	215		580		55	9	167
86NIE0063	14	346525	6046942	BC -1		7		33	109	169		500		58	3	115
86NIE0064	14	344663	6018489	BC -1		6		22	127	67		450		63	11	127
86NIE0065	14	362236	6096111	BC -1		33		31	181	202		550		95	5	226
86NIE0066	14	365373	6103120	BC -1		10		33	312	329		590		155	12	308
86NIE0067	14	365373	6103120	BC -1		23		34	247	159		610		104	14	238
86NIE0068	14	317865	6081332	BC -1		26		28	182	253		510		94	13	179
86NIE0069	14	319824	6081942	BC -1		10		29	214	112		520		91	12	197
86NIE0072	14	322705	6081650	BC -1		4		11	64	32		350		46	10	58
86NIE0075	14	384247	5992878	BC -1		26		33	218	209		550		135	5	122

Appendix VIa: Till Geochemistry
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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
86NIE0076	14	351269	6045797	BC -1		10		16	136	127		460		87	10	100
86NIE0077	14	353838	6044890	BC -1		8		14	97	86		420		52	10	82
86NIE0078	14	352467	6042891	BC -1		8		13	72	78		420		42	11	84
86NIE0079	14	362078	6043216	BC -1		12		21	108	130		590		54	11	134
86NIE0080	14	368494	6042391	BC -1		16		37	139	180		560		102	4	145
86NIE0081	14	369371	6051246	BC -1		28		32	180	214		520		129	1	145
86NIE0082	14	370678	6050787	BC -1		5		11	59	66		410		29	2	76
86NIE0083	14	361871	6042315	BC -1		8		11	55	77		410		27	16	68
86NIE0084	14	361969	6042581	BC -1		97		32	133	560		610		91	12	203
86NIE0085	14	340937	6084761	BC -1		43		27	168	357		490		99	7	212
86NIE0086	14	343068	6086134	BC -1		24		19	83	162		670		49	5	215
86NIE0087	14	354731	6090342	BC -1		40		32	195	299		530		99	8	230
86NIE0088	14	356857	6093470	BC -1		26		27	208	192		420		99	8	237
86NIE0089	14	363309	6096755	BC -1		238		31	206	213		480		98	3	251
86NIE0090	14	363785	6097151	BC -1		27		34	212	222		540		121	11	276
86NIE0090a	14	363785	6097151	BC -1		8		38	212	175		430		109	13	266
86NIE0094	14	360301	6095821	BC -1		88		25	143	241		440		78	6	166
86NIE0095	14	432296	6083032	BC -1		75		46	181	255		620		81	3	172
86NIE0097	14	431085	6085257	BC -1		12		15	73	109		500		41	5	94
86NIE0098	14	385171	6047859	BC -1		18		27	85	215		640		60	9	97
86NIE0099	14	392669	6049590	BC -1		11		17	66	92		580		45	14	81
86NIE0100	14	393679	6048970	BC -1		65		48	88	530		650		67	10	160
86NIE0101	14	401219	6049276	BC -1		20		18	78	109		370		45	9	87
86NIE0102	14	404864	6042061	BC -1		19		17	67	91		370		39	8	77
86NIE0103	14	408293	6042584	BC -1		57		28	81	178		390		58	1	149
86NIE0105	14	420323	6051879	BC -1		17		17	79	83		570		49	7	83
86NIE0107	14	408020	6045297	BC -1		13		15	74	78		510		41	7	83
86NIE0108	14	407745	6044140	BC -1		11		16	68	82		530		45	8	79
86NIE0109	14	406785	6046082	BC -1		17		22	73	111		540		48	7	83
86NIE0110	14	405110	6044456	BC -1		17		58	123	171		500		92	6	94
86NIE0111	14	407409	6046977	BC -1		18		27	152	241		410		76	6	168
86NIE0112	14	413434	6048968	BC -1		7		19	108	86		470		54	5	144
88KSN01	14	340992	6099331	BC -1	0.5	3		20	162	105		290	2	75	20	103
88KSN02	14	344644	6109719	BC -1	0.5	48		22	221	211		350	8	88	10	151
88KSN03	14	344658	6109344	BC -1	0.5	67		17	195	149		290	2	68	9	114
88KSN04	14	344590	6108950	BC -1	0.5	37		24	181	164		260	3	73	19	148
88KSN05	14	344612	6108190	BC -1	1	10		22	190	86		290	2	59	7	123
88KSN06	14	344617	6107786	BC -1	0.5	64		21	172	217		320	2	78	11	110
88KSN07	14	344608	6107186	BC -1	0.5	19		12	132	293		120	4	61	11	105
88KSN08	14	344521	6106600	BC -1	0.5	21		20	207	343		230	3	77	9	114
88KSN09	14	344655	6106610	BC -1	0.5	33		22	165	229		200	3	66	14	110
88KSN10	14	344628	6106125	BC -1	0.5	48		27	193	410		240	2	81	13	105
88KSN11	14	344467	6105650	BC -1	0.5	30		18	196	153		200	1	69	9	98

Appendix VIa: Till Geochemistry
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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
88KSN12	14	344121	6105311	BC -1	0.5	52		19	218	179		200	2	73	15	123
88KSN13	14	343824	6104893	BC -1	0.5	23		26	192	195		170	1	77	16	111
88KSN14	14	343579	6104415	BC -1	2	28		22	184	235		220	3	77	13	121
88KSN15	14	343382	6103998	BC -1	0.5	30		17	176	870		170	3	93	14	108
88KSN16	14	343033	6103407	BC -1	0.5	29		13	181	122		200	2	66	9	98
88KSN17	14	342983	6102923	BC -1	0.5	26		15	161	148		120	2	58	12	114
88KSN18	14	342889	6102412	BC -1	0.5	18		16	193	143		170	3	67	6	98
88KSN19	14	342779	6101978	BC -1	0.5	38		17	188	222		230	3	81	11	110
88KSN20	14	342743	6101470	BC -1	0.5	27		23	177	182		450	2	88	10	154
88KSN21	14	342846	6101048	BC -1	0.5	27		24	181	214		340	2	88	10	114
88KSN22	14	343070	6100556	BC -1	0.5	14		22	218	124		380	2	96	5	148
88KSN23	14	343171	6100134	BC -1	0.5	33		21	193	245		460	2	86	13	136
88KSN24	14	347719	6101724	BC -1	0.5	32		25	249	122		640	2	87	2	186
88KSN25	14	347876	6101317	BC -1	0.5	15		20	212	105		470	2	88	1	158
88KSN26	14	347946	6100654	BC -1	0.5	54		24	218	255		280	2	86	7	108
88KSN27	14	348272	6100062	BC -1	0.5	42		21	157	79		310	3	62	8	117
88KSN28	14	348530	6099617	BC -1	0.5	10		21	193	55		350	2	69	2	127
88KSN29	14	348795	6099223	BC -1	0.5	54		28	146	135		560	2	85	9	117
88KSN30	14	348888	6098679	BC -1	0.5	42		28	200	91		440	3	77	3	147
88KSN31	14	3485†1	6098260	BC -1	0.5	67		23	195	158		250	2	58	8	91
88KSN32	14	347993	6098247	BC -1	0.5	70		27	147	187		440	3	71	8	106
88KSN33	14	347425	6098140	BC -1	0.5	89		18	193	138		220	2	54	1	69
88KSN34	14	346877	6098008	BC -1	0.5	107		38	161	343		840	2	76	14	145
88KSN35	14	346356	6098218	BC -1	0.5	76		24	130	295		580	2	64	18	144
88KSN36	14	345867	6098231	BC -1	0.5	22		18	134	45		310	2	50	14	146
88KSN37	14	345225	6098232	BC -1	0.5	115		28	187	202		660	3	83	10	172
88KSN38	14	344530	6097956	BC -1	0.5	11		21	169	110		580	2	81	7	194
88KSN39	14	344280	6097606	BC -1	0.5	15		26	231	128		390	2	79	3	136
88KSN40	14	343708	6097457	BC -1	0.5	21		22	194	141		460	2	71	7	128
88KSN41	14	343405	6097996	BC -1	0.5	47		24	182	213		280	2	65	13	100
88KSN42	14	343355	6098485	BC -1	0.5	73		24	184	100		320	1	64	5	113
88KSN43	14	343286	6099171	BC -1	0.5	14		24	186	136		170	2	72	11	96
88KSN44	14	343323	6099724	BC -1	0.5	15		16	149	66		230	2	60	15	155
88KSN50	14	340316	6099526	BC -1	0.5	38		27	176	226		460	2	89	10	174
89KSG001	14	360142	6116890	BC -1	1	5		13	157	50		360	2	62	5	119
89KSG002	14	360488	6117809	BC -1	1	11		9	110	43		250	3	37	15	229
89KSG003	14	360986	6118487	BC -1	1	27		23	146	196		400	3	61	10	109
89KSG004	14	361739	6118541	BC -1	1	20		22	134	169		540	2	67	1	111
89KSG005	14	361165	6117111	BC -1	1	14		6	73	43		500	5	12	6	89
89KSG006	14	360484	6116160	BC -1	1	8		17	146	54		350	2	58	1	134
89KSG007	14	361777	6116059	BC -1	0.5	5		13	103	56		280	3	37	13	229
89KSG008	14	362446	6116929	BC -1	0.5	6		20	203	110		350	4	59	5	120
89KSG009	14	362142	6117784	BC -1	0.5	7		15	164	93		320	3	60	1	119

Appendix VIa: Till Geochemistry
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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
89KSG010	14	361598	6120399	BC -1	0.5	9		13	135	77		390	3	55	10	114
89KSG011	14	361637	6115289	BC -1	0.5	10		37	169	134		720	4	81	4	129
89KSG012	14	362343	6115417	BC -1	0.5	18		26	182	198		440	3	93	6	143
89KSG013	14	363559	6118679	BC -1	1	21		26	174	99		390	3	59	7	110
89KSG014	14	363484	6119686	BC -1	0.5	15		17	146	150		210	5	40	4	105
89KSG015	14	362624	6119976	BC -1	0.5	13		33	196	130		720	2	86	4	154
89KSG016	14	362710	6119247	BC -1	0.5	13		35	187	148		780	1	60	1	122
89KSG017	14	358920	6117513	BC -1	0.5	4		18	159	42		320	1	62	4	161
89KSG018	14	358543	6116310	BC -1	0.5	9		19	168	124		430	1	73	9	149
89KSG019	14	360565	6115456	BC -1	1	5		20	161	81		360	1	55	4	133
89KSG020	14	357010	6116572	BC -1	0.5	9		21	162	136		390	2	62	10	114
89KSG021	14	356401	6117337	BC -1	0.5	20		23	178	158		510	2	83	10	178
89KSG022	14	355139	6118220	BC -1	0.5	7		28	215	140		450	2	84	4	172
89KSG023	14	357169	6119546	BC -1	1	9		18	130	107		230	3	52	10	142
89KSG024	14	358057	6118647	BC -1	0.5	7		16	166	111		240	2	63	6	114
89KSG025	14	355846	6120642	BC -1	0.5	7		16	158	84		310	3	65	10	143
89KSG026	14	355316	6121862	BC -1	0.5	6		20	186	147		300	4	68	5	126
89KSG027	14	353527	6122616	BC -1	0.5	16		15	148	292		210	6	57	15	132
89KSG028	14	353672	6120389	BC -1	0.5	19		13	120	159		170	5	40	2	100
89KSG029	14	357790	6116053	BC -1	0.5	4		21	193	73		290	2	64	1	134
89KSG030	14	357111	6114183	BC -1	0.5	26		28	198	184		390	7	101	6	149
89KSG031	14	355840	6114466	BC -1	0.5	5		25	187	123		370	2	70	6	158
89KSG032	14	355809	6113671	BC -1	0.5	11		12	219	232		190	3	50	2	94
89KSG033	14	354896	6112907	BC -1	0.5	43		29	196	260		570	3	77	2	157
89KSG034	14	355049	6112909	BC -1	0.5	13		18	181	108		400	2	65	3	139
89KSG035	14	358435	6115446	BC -1	0.5	28		19	183	115		150	4	63	11	87
89KSG036	14	356184	6121965	BC -1	0.5	6		22	164	73		320	3	63	8	135
89KSG037	14	358381	6121600	BC -1	0.5	5		20	166	101		250	3	64	5	133
89KSG038	14	358726	6122541	BC -1	0.5	4		22	236	199		260	3	74	1	124
89KSG039	14	357530	6122575	BC -1	0.5	26		31	216	237		580	4	68	1	141
89KSG040	14	358782	6123321	BC -1	0.5	5		18	152	330		210	4	50	2	98
89KSG041	14	359397	6123192	BC -1	0.5	6		15	153	101		320	2	56	6	124
89KSG042	14	359689	6122242	BC -1	0.5	48		26	212	170		290	4	71	3	130
89KSG043	14	361247	6122827	BC -1	0.5	9		24	200	520		290	3	77	5	117
89KSG044	14	363193	6122663	BC -1	0.5	6		31	282	162		410	2	95	5	153
89KSG045	14	363751	6123103	BC -1	0.5	14		23	217	178		260	3	91	12	111
89KSG046	14	364995	6122225	BC -1	0.5	7		22	178	198		230	2	93	14	116
89KSG047	14	363992	6121585	BC -1	0.5	5		30	230	153		480	2	81	8	154
89KSG048	14	364067	6121489	BC -1	0.5	5		25	223	186		430	2	80	1	154
89KSG049	14	364227	6120416	BC -1	0.5	7		28	193	181		270	1	85	3	131
89KSG050	14	362800	6116001	BC -1	0.5	8		17	216	121		330	1	63	1	114
89KSG051A	14	361183	6106448	BC -1	0.5	6		13	133	38		330	1	54	2	106
89KSG051B	14	361183	6106448	BC -1	1	27		19	186	133		390	3	81	9	130

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Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
89KSG052	14	361767	6108152	BC -1	0.5	50		21	187	120		350	2	71	5	134
89KSG053	14	355732	6100336	BC -1	0.5	41		33	190	109		630	2	78	10	148
89KSG054	14	356434	6100653	BC -1	0.5	75		27	166	214		350	4	62	15	146
89KSG055	14	356514	6101331	BC -1	0.5	12		25	161	52		370	1	71	10	127
89KSG056	14	357359	6100482	BC -1	0.5	4		21	148	45		390	1	65	6	118
89KSG057A	14	358295	6100737	BC -1	0.5	10		26	168	108		290	2	76	7	119
89KSG057B	14	358295	6100737	BC -1	0.5	18		21	155	84		270	2	67	6	109
89KSG058	14	352371	6117571	BC -1	0.5	14		23	159	186		340	3	75	6	141
89KSG059	14	352021	6118548	BC -1	0.5	5		26	184	140		230	2	85	5	127
89KSG060	14	351829	6119237	BC -1	1	9		22	205	96		200	2	69	6	131
89KSG061	14	351622	6118112	BC -1	1	5		12	123	228		250	2	60	4	95
89KSG062	14	350762	6119015	BC -1	0.5	23		28	170	158		150	3	66	5	115
89KSG063	14	353246	6119014	BC -1	1	32		21	178	139		500	2	79	6	154
89KSG064	14	365779	6117007	BC -1	1	4		19	149	163		260	2	67	9	143
89KSG065	14	365051	6116133	BC -1	1	5		21	155	27		350	2	57	2	124
89KSG066	14	353452	6114984	BC -1	0.5	17		29	206	213		180	4	95	4	116
89KSG067	14	352623	6114338	BC -1	0.5	19		29	166	142		190	3	89	5	127
89KSG068	14	353288	6113390	BC -1	0.5	21		20	135	68		350	2	50	17	217
89KSG069	14	353554	6112187	BC -1	0.5	22		26	199	480		320	2	80	3	132
89KSG070	14	361733	6112965	BC -1	0.5	4		20	152	111		260	2	53	9	105
89KSG071	14	362040	6109479	BC -1	0.5	18		17	154	296		120	3	77	12	122
89KSG072	14	354703	6108902	BC -1	0.5	25		33	179	80		340	2	77	9	110
89KSG073	14	354871	6109962	BC -1	0.5	102		27	162	187		200	2	67	9	147
89KSG074	14	342864	6123820	BC -1	0.5	3		24	178	42		330	2	64	9	129
89KSG075D	14	342955	6123245	BC -1	0.5	15		29	275	253		290	2	93	6	140
89KSG076	14	345733	6123650	BC -1	0.5	5		26	162	122		330	1	66	5	137
89KSG077	14	349001	6116551	BC -1	1	14		20	161	164		240	3	72	11	134
89KSG078	14	349600	6113521	BC -1	0.5	20		20	171	90		320	3	61	13	99
89KSG079	14	361892	6111548	BC -1	0.5	6		21	155	71		370	2	70	10	122
89KSG080G	14	353200	6103178	BC -1	0.5	54		33	142	38		380	4	56	17	265
89KSG081	14	352432	6103961	BC -1	0.5	22		26	164	72		320	2	64	7	115
89KSG082	14	351461	6104602	BC -1	0.5	99		32	206	151		500	3	85	8	131
89KSG083A	14	350386	6104538	BC -1	0.5	45		31	180	98		320	3	78	14	124
89KSG083B	14	350386	6104538	BC -1	0.5	74		32	174	115		340	3	78	11	123
89KSG084	14	348526	6103970	BC -1	0.5	9		29	195	40		340	1	79	10	147
89KSG085H	14	363665	6105977	BC -1	0.5	140		31	93	27		320	6	41	8	293
89KSG086	14	363701	6107975	BC -1	0.5	4		23	170	152		300	3	73	5	148
89KSG087	14	363415	6109059	BC -1	0.5	9		36	159	116		540	3	79	8	133
89KSG088	14	364277	6110246	BC -1	1	16		19	108	238		150	7	68	6	72
89KSG089	14	357280	6101395	BC -1	0.5	47		22	145	82		220	9	69	9	150
89KSG090	14	358225	6101878	BC -1	0.5	87		24	168	123		270	3	70	8	168
89KSG091	14	359786	6101862	BC -1	0.5	226		30	223	243		460	4	92	28	217
89KSG092	14	359740	6103547	BC -1	0.5	9		31	203	112		650	1	87	2	195

Appendix VIa: Till Geochemistry
(A.A.S.)

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
89KSG093	14	361696	6103905	BC -1	1	8		27	162	63		350	2	59	5	126
89KSG094	14	361041	6102756	BC -1	0.5	40		27	224	58		310	3	77	7	155
89KSG095	14	358991	6105341	BC -1	0.5	60		37	167	140		570	2	64	3	163
89KSG096	14	360309	6105372	BC -1	0.5	46		30	277	218		330	3	80	1	180
89KSG097	14	361622	6105565	BC -1	3	51		23	188	262		270	4	87	9	106
89KSG098	14	360100	6106048	BC -1	1	61		22	233	255		370	3	79	13	180
89KSG099	14	361776	6106850	BC -1	0.5	135		24	182	252		340	3	78	11	160
89KSG100	14	359947	6114331	BC -1	0.5	41		21	173	341		650	2	96	10	180
89KSG101	14	352630	6124690	BC -1	0.5	39		6	180	48		170	6	21	15	150
89KSG102	14	350528	6121692	BC -1	0.5	77		12	232	232		380	3	68	13	120
89KSG103	14	347660	6102938	BC -1	0.5	92		23	209	184		560	3	82	13	146
89KSG104	14	348400	6104992	BC -1	0.5	51		31	222	124		430	3	90	6	128
89KSG105	14	349175	6106436	BC -1	0.5	60		24	246	225		300	5	77	10	112
89KSG106	14	349301	6103281	BC -1	0.5	141		25	253	101		250	3	83	10	120
89KSG107	14	350151	6107318	BC -1	1	35		24	222	250		210	4	63	2	82
89KSG108	14	350194	6108098	BC -1	0.5	38		22	219	181		310	3	75	5	90
89KSG109	14	353562	6105322	BC -1	0.5	17		23	197	69		370	3	79	3	123
89KSG110	14	352834	6106165	BC -1	0.5	57		16	167	103		240	4	56	6	94
89KSG111	14	351691	6105642	BC -1	1	35		24	149	53		370	4	64	10	110
89KSG112	14	351462	6107446	BC -1	0.5	32		27	226	116		400	3	77	7	143
89KSG113	14	352511	6107369	BC -1	1	9		25	188	66		310	3	65	13	126
89KSG114	14	359655	6116044	BC -1	1	16		29	195	205		490	3	71	1	142
89KSG115	14	350676	6109440	BC -1	0.5	35		28	195	169		450	2	75	7	121
89KSG116	14	350459	6111370	BC -1	1	76		28	218	150		370	2	73	7	114
89KSG117	14	346862	6110029	BC -1	4	266		34	146	163		190	7	101	16	105
89KSG118	14	347333	6110883	BC -1	1	212		41	150	263		300	5	135	20	139
89KSG119	14	353275	6108989	BC -1	0.5	16		22	228	111		350	2	62	5	161
89KSG121	14	354387	6111891	BC -1	0.5	75		29	145	202		420	2	87	4	101
89KSG122	14	356131	6111740	BC -1	3	25		18	117	186		200	6	44	17	195
89KSG123	14	347878	6111782	BC -1	0.5	27		23	186	162		200	2	69	4	99
89KSG124	14	348223	6113866	BC -1	0.5	6		25	204	55		390	3	73	3	128
89KSG125	14	344706	6109910	BC -1	0.5	12		22	220	125		250	2	73	1	118
89KSG126	14	345273	6111098	BC -1	1	36		24	197	167		360	2	76	3	127
89KSG127	14	346139	6112089	BC -1	3	64		9	150	187		160	3	59	8	79
89KSG129	14	346239	6113232	BC -1	0.5	65		20	175	229		460	3	111	8	144
89KSG130	14	347281	6113839	BC -1	0.5	35		19	154	120		410	2	65	4	159
89KSG131A	14	353767	6111257	BC -1	0.5	206		29	152	165		260	8	76	4	107
89KSG131B	14	353767	6111257	BC -1	3	110		30	176	193		290	7	80	8	122
89KSG132	14	365385	6114779	BC -1	0.5	4		21	171	83		370	2	66	8	129
89KSG133	14	363054	6113858	BC -1	0.5	2		28	141	126		590	3	86	1	144
89KSG134	14	365305	6109266	BC -1	0.5	6		24	172	99		550	3	79	2	158
89KSG135A	14	361757	6111432	BC -1	1	26		34	110	2020		700	5	54	22	960
89KSG135B	14	361757	6111432	BC -1	0.5	15		37	135	1520		920	3	74	8	1140

Appendix VIa: Till Geochemistry
(A.A.S.)

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	As ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
89KSG135C	14	361757	6111432	BC -1	0.5	11		46	132	283		1290	2	65	5	820
89KSG135D	14	361757	6111432	BC -1	0.5	22		23	129	178		640	2	67	13	390
89KSG135E	14	361757	6111432	BC -1	0.5	15		24	135	147		620	2	69	12	357
89KSG135F	14	361757	6111432	BC -1	0.5	11		22	147	89		610	2	67	8	333
89KSG135G	14	361757	6111432	BC -1	0.5	12		23	145	102		600	3	79	13	334
89KSG135H	14	361757	6111432	BC -1	0.5	17		25	143	79		650	2	64	18	298
89KSG135I	14	361757	6111432	BC -1	0.5	23		25	142	69		780	2	67	13	276
89KSG135J	14	361757	6111432	BC -1	0.5	28		24	138	67		820	2	68	10	250
89KSG135K	14	361757	6111432	BC -1	0.5	27		29	138	68		730	2	68	11	244
89KSG135L	14	361757	6111432	BC -1	1	15		30	160	50		720	3	72	10	550
89KSG135M	14	361757	6111432	BC -1	1	25		47	117	630		1560	3	57	34	810
89KSG136	14	364106	6109413	BC -1	0.5	12		23	179	209		290	4	67	17	113
89KSG137	14	368105	6106989	BC -1	0.5	4		26	157	113		330	3	55	8	128
89KSG138	14	367814	6108198	BC -1	1	9		25	158	334		720	5	75	11	195
89KSG139	14	358805	6117834	BC -1	0.5	6		22	165	77		350	3	60	17	113

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
84BSC0770	13	677250	6121600	SRC			1					16		44							1
84BSC0773	13	666600	6113900	SRC			5					12		33							5
84BSC0775	13	676150	6115700	SRC			1					15		41							1
84BSC0776	13	685600	6116750	SRC			15					9		67							1
84BSC0778	13	679100	6102900	SRC			9					16		158							1
84BSC0780	13	657200	6104350	SRC			24					8		55							1
84BSC0877	13	640185	6121236	SRC			3					11		23							1
84BSC0878	13	636652	6109118	SRC			1					20		70							1
84BSC0879	13	636170	6104796	SRC			34					2		48							1
84BSC0914	13	639353	6108443	SRC			1					15		35							1
84BSC0916	13	643515	6110566	SRC			1					16		92							2
84ECH0060	13	642926	6080726	SRC			1					19		116							1
84ECH0068	13	643694	6085480	SRC			1					22		112							1
84ECH0070	13	642809	6094653	SRC			1					17		91							1
84ECH0078	13	637161	6071365	SRC			1					10		51							1
84ECH0120	13	634100	6084900	SRC			1					14		112							1
84ECH0145	13	678000	6096000	SRC			1					19		129							1
84ECH0146	13	686734	6096157	SRC			3					13		45							2
84ECH0150	13	688200	6074300	SRC			3					10		51							2
84ECH0152	14	309568	6097365	SRC			25					24		87							3
84ECH0155	14	316143	6058979	SRC			17					22		133							1
84ECH0156	13	684000	6065200	SRC			1					14		52							2
84ECH0157	13	680100	6049200	SRC			4					11		47							1
84ECH0158	13	675300	6056600	SRC			131					19		203							7
84ECH0159	13	673409	6061896	SRC			23					21		108							1
84ECH0161	13	665900	6065300	SRC			9					9		72							1
84ECH0162	13	662700	6053900	SRC			10					17		72							2
84ECH0163	13	645500	6065100	SRC			1					13		75							2
90KDA0202	14	424650	6082200	BC-3	0.3	6.97	19	411	1.5	0.53	1.0	21	79	167	6.51	78		57	2.10	439	0.5
90KDA0203	14	424650	6082100	BC-3	0.1	1.93	12	342	1.5	15.00	0.5	9	14	126	2.19	78		18	1.35	219	0.5
90KDA0204	14	424500	6081250	BC-3	0.1	2.13	55	282	1.5	1.09	0.5	42	118	117	7.15	23		48	3.01	514	4
90KDA0205	14	424500	6080250	BC-3	0.2	7.67	32	218	1.5	0.20	2.0	13	95	184	7.16	29		21	2.79	423	2
90SL001	14	451875	6089500	BC-3	0.3	6.69	58	137	1.5	0.22	0.5	13	184	306	6.08	97		28	1.18	347	6
90SL002	14	438200	6079250	BC-3	1.1	6.07	31	471	1.5	3.63	1.0	23	287	170	6.95	17		52	3.15	546	1
90SL003	14	438200	6079250	BC-3	0.4	9.63	48	482	1.5	0.37	1.0	15	382	216	8.37	27		43	2.49	748	4
90SL004	14	437425	6079550	BC-3	0.4	9.48	41	418	1.5	0.14	0.5	15	352	261	7.24	27		30	2.04	312	2
90SL005	14	436450	6079350	BC-3	0.8	7.63	42	245	1.5	0.43	0.5	15	238	240	6.43	50		25	1.69	433	5
90SL006	14	435300	6079000	BC-3	0.5	9.16	31	361	1.5	0.51	0.5	2	248	312	6.20	44		22	1.50	324	2
90SL007	14	434600	6078100	BC-3	0.4	8.09	49	392	1.5	0.67	0.5	8	328	133	6.81	40		53	2.15	346	2
90SL008	14	433500	6077800	BC-3	0.5	9.39	75	460	1.5	0.20	0.5	14	373	194	8.31	30		32	2.55	557	2
90SL009	14	431500	6078250	BC-3	0.5	8.39	613	758	5	1.41	0.5	120	520	566	16.00			142	1.41	1789	4
90SL010	14	428800	6078350	BC-3	0.4	8.21	170	325	1.5	0.19	0.5	9	313	144	7.04	30		41	1.97	447	4
90SL011	14	429400	6080000	BC-3	0.1	8.71	224	300	1.5	0.19	0.5	22	250	140	6.05	20		30	1.72	509	3
90SL012	14	436750	6080300	BC-3	0.1	10.21	28	289	1.5	0.13	0.5	14	256	103	4.99	47		20	1.57	248	4
90SL013	14	435750	6080200	BC-3	0.1	8.80	96	287	1.5	0.26	0.5	25	316	198	7.47			30	2.00	342	4
90SL014	14	434900	6079800	BC-3	0.5	10.21	250	966	1.5	0.83	1.0	30	364	555	9.56	174		73	1.71	294	7
90SL015	14	433650	6079450	BC-3	1.6	6.03	746	189	4	0.51	1.0	25	358	357	19.13	284		62	1.13	587	63
90SL016	14	432150	6080800	BC-3	0.1	7.00	90	229	1.5	0.33	0.5	22	292	136	6.44	27		24	2.13	381	3
90SL017	14	431300	6080875	BC-3	0.1	8.72	736	305	1.5	0.33	1.0	32	289	310	8.90	50		15	1.73	307	7
90SL018	14	437800	6057100	BC-3	1.0	5.51	39	362	1.5	3.56	1.0	27	269	155	6.44	23		46	2.99	532	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
84BSC0770		54								
84BSC0773		30								
84BSC0775		47								
84BSC0776		20								
84BSC0778		62								
84BSC0780		24								
84BSC0877		32								
84BSC0878		99								
84BSC0879		44								
84BSC0914		88								
84BSC0916		67								
84ECH0060		83								
84ECH0068		79								
84ECH0070		60								
84ECH0078		46								
84ECH0120		58								
84ECH0145		58								
84ECH0146		37								
84ECH0150		30								
84ECH0152		52								
84ECH0155		46								
84ECH0156		42								
84ECH0157		36								
84ECH0158		53								
84ECH0159		55								
84ECH0161		29								
84ECH0162		50								
84ECH0163		70								
90KDA0202	1.81	77		18	1		49	0.32	125	131
90KDA0203	0.81	34		1	1		166	0.13	51	52
90KDA0204	2.36	110		30	1		29	0.32	160	172
90KDA0205	2.40	61		11	1		12	0.36	148	151
90SL001	3.23	65		23	7		17	0.22	121	149
90SL002	1.37	111		25	3		46	0.70	203	290
90SL003	2.04	116		25	2		26	0.62	203	249
90SL004	1.87	74		7	11		17	0.44	147	148
90SL005	2.03	65		10	10		28	0.31	94	178
90SL006	1.66	60		13	4		48	0.17	124	104
90SL007	2.34	74		14	12		41	0.43	147	126
90SL008	1.83	105		19	9		26	0.53	198	198
90SL009	2.28	200		72	17		34	0.44	355	174
90SL010	1.52	75		17	4		25	0.36	153	136
90SL011	2.25	87		15	1		26	0.27	104	135
90SL012	2.64	73		19	1		19	0.30	124	144
90SL013	2.90	75		8	1		18	0.40	177	126
90SL014	2.12	155		17	8		44	0.39	232	139
90SL015	1.52	96		95	27		26	0.28	253	114
90SL016	1.55	78		13	1		22	0.43	174	135
90SL017	1.80	107		17	4		19	0.32	258	123
90SL018	1.42	90		14	2		43	0.47	160	204

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
90SL019	14	437850	6058550	BC-3	1.0	5.47	211	246	1.5	1.60	0.5	29	178	236	7.00	33		40	3.30	628	4
90SL020	14	436950	6061250	BC-3	0.1	4.95	36	143	5	0.34	0.5	22	184	78	5.41	17		33	2.03	592	3
90SL021	14	433700	6066250	BC-3	1.1	5.53	69	410	1.5	5.06	0.5	23	232	170	6.32	33		48	2.81	519	2
90SL022	14	436700	6073100	BC-3	1.0	6.16	29	466	1.5	1.75	0.5	25	269	210	7.03	20		41	3.18	501	2
90SL023	14	438375	6075650	BC-3	1.2	5.68	32	264	1.5	1.93	1.0	38	184	249	7.36	37		22	4.16	648	2
90SL024	14	428900	6073300	BC-3	0.4	10.64	45	176	1.5	0.18	0.5	5	235	219	6.81	20		21	1.50	285	4
90SL025	14	428750	6073975	BC-3	0.8	7.17	48	512	1.5	0.75	0.5	13	289	180	7.00	54		52	2.47	578	3
90SL026	14	430200	6080800	BC-3	0.5	9.97	395	282	1.5	0.22	0.5	19	300	348	9.14			29	1.84	294	6
90SL027	14	435300	6081250	BC-3	0.6	3.92	563	282	1.5	1.21	0.5	26	204	302	5.08			34	2.24	453	3
90SL028	14	433350	6083350	BC-3	1.2	5.77	33	460	1.5	3.62	1.0	25	247	143	6.16	23		39	2.77	428	2
90SL029	14	441075	6079800	BC-3	0.5	7.37	24	265	1.5	0.27	0.5	14	237	181	6.30	37		39	2.28	348	3
90SL030	14	444700	6081900	BC-3	0.5	4.59	38	323	1.5	1.63	0.5	38	202	192	5.68			44	2.53	673	1
90SL031	14	437650	6071300	BC-3	0.4	7.17	43	214	1.5	0.30	0.5	32	180	168	6.26	27		33	2.13	716	3
90SL032	14	437100	6072650	BC-3	0.3	6.83	117	150	1.5	0.28	0.5	41	141	336	7.18			23	1.96	755	5
90SL033	14	438875	6078450	BC-3	0.3	7.83	176	155	1.5	0.03	0.5	50	136	229	9.46			23	2.15	414	2
90SL034	14	428400	6075500	BC-3	0.5	6.81	27	451	1.5	0.92	1.0	26	198	120	6.91	110		42	2.71	616	2
90SL035	14	421200	6071100	BC-3	0.4	7.38	25	495	1.5	1.04	2.0	24	232	129	7.46	33		47	2.97	676	2
90SL036	14	421700	6071250	BC-3	0.1	9.51	38	242	1.5	0.40	0.5	11	148	566	7.60	97		38	2.19	454	5
90SL037	14	422525	6071200	BC-3	0.5	5.88	39	388	1.5	0.56	1.0	33	230	245	7.05	33		58	2.47	1027	3
90SL038	14	434450	6079450	BC-3	0.4	8.77	203	229	1.5	0.31	1.0	20	156	396	9.94	44		19	1.56	356	22
90SL039	14	437600	6080450	BC-3	1.0	7.32	90	234	1.5	0.31	0.5	20	129	143	7.36			20	1.23	261	3
90SL040	14	434950	6080250	BC-3	0.3	7.80	150	380	8	0.44	0.5	50	206	294	7.29			33	2.36	547	3
90SL041	14	433600	6082250	BC-3	0.4	8.17	508	561	1.5	0.76	0.5	44	202	301	7.32	40		27	2.84	957	2
90SL042	14	439975	6079500	BC-3	0.4	7.82	27	514	1.5	0.41	1.0	24	182	235	7.51	33		52	2.42	519	1
90SL043	14	432500	6084250	BC-3	0.2	8.57	34	244	1.5	0.35	1.0	28	120	80	6.75	20		23	1.96	407	2
90SL044	14	431325	6085200	BC-3	0.3	8.91	109	530	1.5	0.41	0.5	31	115	136	6.69	20		36	2.33	716	2
90SL045	14	440900	6079100	BC-3	0.7	7.58	34	394	1.5	0.59	1.0	31	138	669	7.38	33		35	2.75	698	2
90SL046	14	446250	6083125	BC-3	1.3	5.47	30	344	1.5	3.06	2.0	37	105	244	6.37	17		44	3.42	684	2
90SL047	14	451875	6089500	BC-3	0.1	7.78	1	375	1.5	0.22	1.0	22	186	156	7.07	17		18	2.67	280	1
90SL048	14	448600	6089500	BC-3	0.1	6.94	28	201	1.5	0.28	0.5	17	103	171	5.87	23		22	1.84	395	2
90SL049	14	436850	6069700	BC-3	0.1	3.16	1	282	1.5	15.31	0.5	13	39	233	3.52	80		30	1.81	312	0.5
90SL050	14	436700	6083000	BC-3	0.1	8.87	182	354	9	0.87	0.5	37	107	345	7.47			42	2.04	458	3
90SL051	14	437650	6083500	BC-3	0.1	6.73	48	316	3	0.50	0.5	17	125	127	6.91	27		58	2.16	423	1
90SL052	14	439000	6083600	BC-3	0.1	1.20	136	434	1.5	0.32	0.5	28	217	173	7.01			29	1.95	511	1
90SL053	14	439875	6083900	BC-3	0.1	5.80	21	247	1.5	0.49	0.5	27	131	62	5.77	20		25	2.20	536	2
90SL054	14	440600	6084300	BC-3	0.1	10.48	43	460	1.5	0.20	0.5	17	136	231	6.76	84		49	1.67	362	4
90SL055	14	437300	6072200	BC-3	0.1	7.54	28	165	1.5	0.22	0.5	22	107	190	5.71	30		22	2.39	414	2
90SL056	14	434650	6072800	BC-3	0.1	8.16	31	259	1.5	0.36	1.0	27	97	97	7.03	27		22	2.47	504	2
90SL057	14	436650	6068500	BC-3	0.1	9.01	99	236	1.5	0.16	1.0	8	50	393	5.68			31	1.36	271	4
90SL058	14	428650	6080300	BC-3	1.0	7.75	218	527	5	0.44	3.0	31	65	370	10.45	197		35	2.27	568	19
90SL059	14	435750	6074875	BC-3	0.1	10.38	20	235	1.5	0.10	0.5	1	75	234	4.96	40		57	1.46	247	4
90SL060	14	438850	6077600	BC-3	0.4	9.24	46	146	1.5	0.36	1.0	15	53	410	8.13	74		27	2.36	386	5
90SL061	14	432600	6082200	BC-3	0.8	9.31	109	404	1.5	1.04	2.0	24	35	624	9.87	54		52	2.08	1106	5
90SL062	14	431300	6082900	BC-3	0.7	8.26	229	342	1.5	1.10	1.0	20	97	537	7.55	54		44	2.20	339	11
90SL063	14	431550	6082350	BC-3	0.2	9.36	85	378	1.5	0.20	1.0	15	103	289	7.47	30		32	2.04	319	3
90SL064	14	428350	6084200	BC-3	0.1	8.73	111	717	1.5	0.33	1.0	24	94	267	7.28	33		20	2.27	605	6
90SL065	14	429600	6081900	BC-3	4.3	7.10	485	70	5	0.16	0.5	12	22	239	17.87	236		34	1.31	232	53
90SL066	14	430500	6082700	BC-3	0.3	7.50	116	307	1.5	0.42	1.0	13	149	105	7.46	29		19	1.95	413	5
90SL068	14	442700	6086500	BC-3	0.3	6.27	17	205	1.5	0.34	0.5	16	149	52	5.47	23		26	2.01	399	2
90SL069	14	437450	6084500	BC-3	0.5	7.93	80	457	1.5	0.34	1.0	22	186	141	6.52	26		21	1.59	430	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
90SL019	1.24	83		11	8		43	0.21	127	196
90SL020	1.42	74		10	3		32	0.34	105	128
90SL021	1.28	91		16	1		58	0.49	160	225
90SL022	1.37	112		15	1		31	0.66	198	266
90SL023	1.34	67		9	5		44	0.25	189	157
90SL024	2.27	101		12	1		18	0.22	107	495
90SL025	1.70	88		13	9		42	0.42	157	202
90SL026	3.24	92		19	5		12	0.33	230	141
90SL027	1.39	76		10	5		26	0.33	135	173
90SL028	1.14	96		10	1		45	0.59	184	223
90SL029	2.48	68		18	1		22	0.39	148	135
90SL030	2.12	87		18	1		35	0.36	153	233
90SL031	2.11	91		4	8		26	0.34	125	153
90SL032	3.89	100		16	11		15	0.20	132	129
90SL033	1.86	80		20	7		27	0.13	140	203
90SL034	1.64	95		15	5		32	0.59	180	215
90SL035	1.78	104		16	5		35	0.64	195	239
90SL036	2.48	70		17	8		15	0.41	169	162
90SL037	1.63	173		16	6		41	0.39	152	208
90SL038	1.75	158		24	5		20	0.27	208	231
90SL039	4.10	80		18	1		22	0.27	148	164
90SL040	2.15	127		35	1		24	0.44	178	186
90SL041	1.86	133		17	3		33	0.36	208	146
90SL042	1.60	111		15	2		39	0.59	185	238
90SL043	1.74	95		13	1		34	0.35	149	199
90SL044	2.08	131		17	4		46	0.42	153	164
90SL045	1.42	90		22	1		29	0.37	152	454
90SL046	1.47	108		17	1		51	0.47	171	225
90SL047	1.57	100		11	1		16	0.58	201	168
90SL048	1.51	67		16	1		27	0.40	135	141
90SL049	1.02	41		1	1		119	0.19	64	134
90SL050	3.22	91		44	3		30	0.33	137	134
90SL051	2.09	76		11	2		52	0.50	169	129
90SL052	1.97	122		27	1		39	0.33	137	159
90SL053	1.26	77		15	1		34	0.48	141	175
90SL054	2.43	89		16	3		19	0.40	142	132
90SL055	1.66	68		9	5		17	0.20	107	136
90SL056	1.66	91		18	1		34	0.42	156	170
90SL057	3.11	56		8	3		14	0.29	106	125
90SL058	1.53	150		34	19		44	0.39	227	243
90SL059	1.88	48		9	3		19	0.22	89	94
90SL060	2.89	77		15	3		13	0.31	170	129
90SL061	1.28	187		20	10		37	0.30	216	172
90SL062	1.12	138		22	8		26	0.25	231	142
90SL063	1.75	111		17	3		18	0.36	209	169
90SL064	1.81	102		1	3		21	0.39	193	177
90SL065	1.78	77		167	31		108	0.31	278	151
90SL066	1.86	80		23	11		31	0.41	199	153
90SL068	0.85	73		15	1		35	0.40	118	144
90SL069	1.78	91		14	2		21	0.45	151	117

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
90SL070	14	438800	6084650	BC-3	0.1	9.51	29	314	1.5	0.15	0.5	10	198	202	6.54	62		68	1.59	347	4
90SL071	14	432400	6083050	BC-3	0.7	7.21	134	226	1.5	0.34	1.0	27	237	109	7.21	23		16	1.79	287	6
90SL072	14	446850	6084500	BC-3	0.4	8.21	27	206	1.5	0.32	1.0	20	180	96	6.57	16		29	1.92	434	2
90SL074	14	439650	6085800	BC-3	0.2	8.23	20	365	1.5	0.11	0.5	13	206	125	6.93	23		35	2.24	261	2
90SL075	14	442150	6086200	BC-3	0.4	7.68	26	266	1.5	0.19	0.5	15	184	133	7.70	52		37	2.19	471	4
90SL076	14	443100	6087350	BC-3	0.2	5.94	23	402	1.5	0.26	0.5	23	171	142	5.25	26		50	1.92	314	1
90SL077	14	434600	6085550	BC-3	0.1	7.25	94	312	1.5	0.29	0.5	25	127	108	5.90	36		27	1.78	441	3
90SL078	14	434650	6084650	BC-3	0.8	9.59	63	650	1.5	0.59	0.5	22	188	265	6.32	52		26	1.94	528	2
90SL079	14	435300	6084100	BC-3	0.3	7.89	54	492	1.5	0.20	1.0	24	224	190	7.03	26		39	2.51	358	3
90SL080	14	435650	6083450	BC-3	0.3	7.77	53	434	1.5	0.22	0.5	40	148	91	6.55	52		15	1.95	414	3
90SL081	14	433650	6082950	BC-3	0.3	7.80	318	548	1.5	0.44	0.5	61	198	190	7.83	49		12	2.72	625	3
90SL082	14	433650	6082950	BC-3	0.4	7.46	425	550	1.5	0.32	1.0	40	283	135	7.31	26		21	2.74	594	3
90SL083	14	442650	6080850	BC-3	0.4	6.62	32	537	3	0.76	1.0	22	141	247	7.02	26		71	1.82	439	2
90SL084	14	438250	6079750	BC-3	0.7	5.70	41	279	6	0.57	0.5	31	118	233	4.29	45		48	1.62	541	2
90SL085	14	440250	6075950	BC-3	0.3	5.50	29	162	1.5	0.41	0.5	28	157	80	5.25	10		25	2.35	454	2
90SL086	14	440250	6075950	BC-3	0.3	6.78	27	355	1.5	0.67	0.5	21	138	258	6.15	58		57	2.61	383	1
90SL087	14	440800	6076750	BC-3	0.7	6.87	19	442	1.5	0.82	0.5	24	141	287	5.39	123		30	2.47	411	2
90SL088	14	441450	6077500	BC-3	0.4	5.67	18	247	1.5	0.46	0.5	27	97	104	5.20	23		29	2.28	474	2
90SL089	14	439450	6075350	BC-3	0.3	8.09	14	255	1.5	0.28	0.5	16	81	78	4.79	26		20	1.99	346	2
90SL090	14	439450	6075350	BC-3	0.3	8.70	19	329	1.5	0.25	0.5	17	85	102	6.13	19		25	2.09	427	2
90SL091	14	442100	6078450	BC-3	0.4	7.92	34	268	1.5	0.46	1.0	24	88	136	8.62	26		20	2.55	487	6
90SL092	14	442200	6079200	BC-3	0.2	8.80	26	274	1.5	0.22	1.0	29	67	470	7.06	32		24	2.17	381	3
90SL093	14	442650	6078900	BC-3	1.3	5.15	11	455	1.5	5.13	2.0	31	39	225	6.11	19		31	2.91	487	2
90SL094	14	445450	6079500	BC-3	0.1	5.55	31	271	1.5	0.34	0.5	25	97	92	5.04	26		47	1.64	310	3
90SL095	14	446750	6080150	BC-3	0.2	5.92	75	236	1.5	0.31	0.5	29	120	44	5.42	29		26	2.12	427	2
90SL096	14	447950	6080250	BC-3	0.4	7.81	50	346	1.5	0.43	1.0	21	131	152	6.90	36		44	2.30	331	3
90SL097	14	450500	6083950	BC-3	0.6	7.17	57	937	1.5	0.50	0.5	24	81	302	7.84	32		40	2.55	459	7
90SL098	14	449900	6084000	BC-3	0.4	7.17	51	328	1.5	0.29	1.0	24	86	154	5.95	32		32	2.03	552	3
90SL099	14	446250	6082600	BC-3	0.4	7.47	28	470	1.5	0.90	2.0	24	103	309	7.23	78		63	2.58	534	1
90SL100	14	445900	6082500	BC-3	0.4	8.59	29	331	1.5	0.33	1.0	28	97	162	6.26	45		29	1.97	556	2
90SL101	14	445650	6082000	BC-3	0.1	5.35	21	166	1.5	0.36	0.5	26	103	34	5.05	39		24	1.78	416	2
90SL102	14	449450	6084350	BC-3	0.1	8.66	54	311	4	0.11	1.0	13	53	122	5.76	19		28	1.67	238	2
90SL103	14	450550	6083500	BC-3	0.2	7.65	57	297	1.5	0.25	1.0	20	97	95	6.69	19		27	2.45	384	2
90SL104	14	435300	6081250	BC-3	0.7	6.73	213	426	1.5	0.57	2.0	26	176	332	6.83	39		54	2.59	562	2
90SL105	14	446100	6079150	BC-3	0.6	6.76	106	334	1.5	0.27	1.0	34	139	165	6.94	19		34	2.18	551	3
90SL106	14	446400	6078850	BC-3	1.1	8.17	412	523	1.5	0.70	2.0	21	107	134	6.93	152		95	2.44	468	5
90SL107	14	446450	6078100	BC-3	1.5	7.97	6585	414	1.5	0.53	3.0	46	120	266	9.66	81		62	2.27	980	3
90SL108	14	438700	6071600	BC-3	0.4	6.02	115	176	1.5	0.36	1.0	27	146	60	5.60	19		28	2.07	516	2
90SL110	14	430600	6081500	BC-3	0.4	6.92	1093	482	1.5	0.60	1.0	32	162	194	6.56	23		39	2.48	503	1
90SL111	14	429100	6078650	BC-3	0.6	6.41	203	495	9	0.35	0.5	25	139	376	6.72	188		32	1.82	530	3
90SL112	14	449650	6085500	BC-3	0.1	8.41	32	318	1.5	0.21	1.0	20	198	178	6.75	55		25	2.01	290	2
91KDA0300	14	434900	6076550	BC-3	0.1	6.42	95	160	1.5	0.18	1.0	10	92	149	5.80	25		20	2.11	280	6
91MOB0002	14	321918	6064172	BC -2	0.5	4.12	2.5	274	2.5	0.69	0.1	26	119	123	6.01	177	0.96	32	4.12	751	3
91MOB0003	14	346435	6034384	BC -2	0.1	2.81	2.5	165	2.5	7.35	1.0	15	113	100	4.12	106	0.72	21	7.95	467	3
91MOB0005	14	436605	6065413	BC -2	0.3	6.05	2.5	191	2.5	0.21	0.1	25	113	64	5.86	23	0.55	22	3.56	406	1
91MOB0006	14	437378	6065419	BC -2	0.4	7.84	2.5	116	2.5	0.28	0.7	18	83	128	5.28	66	0.22	30	2.41	225	4
91MOB0007	14	437098	6066101	BC -2	0.6	6.01	2.5	424	2.5	0.43	1.0	27	163	143	7.37	40	1.59	40	4.60	412	1
91MOB0008	14	437700	6057650	BC -2	0.2	3.80	2.5	211	2.5	2.85	1.7	25	81	115	5.59	17	1.07	27	4.99	588	2
91MOB0012A	14	488110	5986428	BC -2	0.2	3.75	2.5	111	2.5	4.94	0.9	18	79	42	4.31	100	0.36	37	6.56	522	4
91MOB0012B	14	488110	5986428	BC -2	0.1	0.93	2.5	51	15	10.00	0.1	4	19	16	1.14	49	0.13	9	9.69	208	7

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
90SL070	2.75	79		19	3		15	0.32	131	122
90SL071	1.65	77		11	4		25	0.37	248	162
90SL072	1.83	80		15	1		28	0.42	137	136
90SL074	1.62	92		20	1		19	0.63	185	183
90SL075	2.40	79		23	3		29	0.34	155	160
90SL076	1.67	76		11	1		32	0.42	120	118
90SL077	1.67	76		13	1		28	0.33	121	169
90SL078	1.96	95		26	1		34	0.42	151	121
90SL079	1.20	95		17	1		26	0.58	198	197
90SL080	1.69	80		27	3		40	0.32	198	129
90SL081	1.44	95		16	4		25	0.48	236	196
90SL082	1.55	106		13	5		19	0.67	238	193
90SL083	1.71	80		18	3		42	0.34	131	126
90SL084	1.56	87		15	1		22	0.29	100	136
90SL085	1.23	77		10	3		30	0.43	131	140
90SL086	1.56	77		14	4		32	0.35	131	139
90SL087	1.36	74		13	1		27	0.33	122	143
90SL088	1.10	72		9	3		34	0.40	121	141
90SL089	1.53	77		7	1		26	0.34	102	135
90SL090	1.74	90		7	1		30	0.34	122	138
90SL091	1.97	81		25	2		28	0.44	232	194
90SL092	2.12	100		13	5		21	0.46	166	181
90SL093	1.10	67		13	1		56	0.31	147	185
90SL094	1.16	61		8	1		41	0.28	102	97
90SL095	1.58	73		14	1		30	0.34	107	212
90SL096	1.39	80		7	7		35	0.40	149	138
90SL097	1.35	95		17	1		46	0.40	172	246
90SL098	1.98	85		11	1		19	0.45	143	158
90SL099	1.87	112		28	1		43	0.42	168	215
90SL100	2.11	112		14	1		28	0.41	136	163
90SL101	1.43	68		8	1		34	0.30	119	179
90SL102	1.82	57		8	4		17	0.30	116	118
90SL103	1.65	62		9	6		22	0.44	155	162
90SL104	1.94	121		14	7		30	0.40	156	194
90SL105	1.17	74		1	6		20	0.30	131	164
90SL106	1.48	88		9	6		27	0.36	142	208
90SL107	2.13	109		17	6		31	0.32	150	195
90SL108	1.34	73		9	5		42	0.29	112	148
90SL110	1.41	83		7	6		39	0.44	194	144
90SL111	1.50	118		23	12		35	0.34	156	203
90SL112	1.90	67		12	1		27	0.44	181	160
91KDA0300	1.46	49		1	1		15	0.30	123	110
91MOB0002	0.61	78		18	2.5	14	30		109	150
91MOB0003	0.57	75		17	30	8	29		75	92
91MOB0005	0.71	70		23	2.5	10	24		102	111
91MOB0006	1.07	55		25	2.5	9	12		96	76
91MOB0007	0.79	96		24	2.5	16	20		179	184
91MOB0008	0.51	64		19	11	11	33		104	159
91MOB0012A	1.19	71		24	21	6	29		61	108
91MOB0012B	0.32	27		18	52	2.5	39		17	18

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91MOB0013	14	448421	6051727	BC -2	0.1	3.40	2.5	200	2.5	6.51	1.4	26	61	73	5.21	37	0.99	38	7.84	699	5
91MOB0016	14	392461	6005860	BC -2	0.1	2.09	2.5	124	2.5	10.00	0.1	9	60	37	2.61	26	0.41	19	8.24	407	4
91MOB0017	14	387039	5996312	BC -2	0.1	1.87	2.5	106	2.5	10.00	0.3	11	54	36	2.73	40	0.45	17	8.73	450	6
91MOB0018	14	378309	5988710	BC -2	0.1	3.12	2.5	115	2.5	3.64	0.1	16	69	46	4.83	60	0.72	30	5.60	1062	4
91MOB0019	14	434925	5985248	BC -2	0.1	1.69	2.5	94	12	10.00	0.5	7	50	31	1.98	34	0.21	14	9.53	347	8
91MOB0020	14	435590	5994429	BC -2	0.1	1.92	2.5	110	2.5	10.00	0.1	10	70	39	2.63	20	0.34	21	8.14	406	13
91MOB0021	14	350786	5986291	BC -2	0.1	2.69	2.5	171	7	10.00	1.4	15	77	45	3.42	11	0.84	20	8.54	493	4
91MOB0022	14	348391	5995709	BC -2	0.1	2.99	2.5	161	2.5	10.00	0.1	12	66	55	3.69	29	0.50	22	7.82	346	6
91MOB0023	14	343644	6000122	BC -2	0.1	1.28	2.5	56	10	10.00	0.1	3	22	15	1.38	29	0.32	13	9.66	265	9
91MOB0024	14	346426	6000957	BC -2	0.1	1.37	2.5	75	9	10.00	0.1	6	24	24	1.73	43	0.31	13	8.93	295	6
91MOB0025	14	339790	6007820	BC -2	0.1	3.40	2.5	131	2.5	9.08	0.6	16	86	64	4.49	60	0.49	29	6.69	372	4
91MOB0026	14	349546	6000003	BC -2	0.1	2.18	2.5	103	2.5	10.00	0.8	10	42	31	2.78	60	0.47	24	7.32	473	5
91MOB0027B	14	353089	6003362	BC -2	0.1	5.64	2.5	155	2.5	1.82	1.5	11	69	28	3.78	177	0.21	43	3.84	458	1
91MOB0028	14	355826	6011553	BC -2	0.1	2.61	2.5	141	2.5	10.00	0.1	13	52	51	3.39	20	0.52	17	8.33	406	7
91MOB0029	14	348718	6011610	BC -2	0.1	3.27	2.5	209	2.5	7.98	0.1	20	86	60	4.54	14	0.84	23	7.37	598	1
91MOB0030	14	315683	6100400	BC -2	0.3	5.28	2.5	272	2.5	0.28	0.1	25	165	45	6.39	11	1.34	17	4.50	442	0.5
91MOB0031	14	324438	6097220	BC -2	0.5	6.38	2.5	539	2.5	0.26	1.2	34	225	179	8.23	20	2.66	21	5.46	697	0.5
91MOB0032	14	370024	6099685	BC -2	0.4	5.06	2.5	197	2.5	0.33	0.3	24	139	51	6.33	11	1.01	20	4.41	530	3
91MOB0033A	14	369147	6051387	BC -2	0.7	4.80	2.5	333	2.5	0.46	0.7	35	97	262	10.00	92	1.59	75	5.46	720	2
91MOB0033B	14	369147	6051387	BC -2	0.8	4.95	7	289	2.5	0.54	1.2	30	110	144	8.33	72	1.23	59	4.91	602	0.5
91MOB0033C	14	369147	6051387	BC -2	0.6	5.07	2.5	264	2.5	0.51	2.5	27	117	70	6.91	37	1.11	39	4.58	554	0.5
91MOB0034	14	370255	6049783	BC -2	0.1	3.78	2.5	166	12	7.89	0.1	26	85	120	5.22	29	0.73	22	8.57	564	7
91MOB0035	14	364910	6043984	BC -2	0.1	3.06	2.5	117	9	10.00	0.1	18	69	93	3.80	49	0.48	21	9.39	585	5
91MOB0036	14	360264	6041461	BC -2	0.1	2.84	2.5	157	2.5	9.01	0.1	17	75	71	3.97	14	0.65	19	8.21	550	5
91MOB0041	13	685910	6039437	BC -2	0.1	3.40	2.5	173	7	7.47	0.3	27	139	104	4.76	11	0.61	14	8.04	647	4
91MOB0042	14	307966	6042535	BC -2	0.3	4.47	2.5	339	2.5	2.88	1.0	26	130	77	5.98	17	1.36	31	5.17	578	2
91SL001	14	449350	6076750	BC-3	0.1	9.69	51	358	1.5	0.06	0.5	9	81	81	4.39	50		20	1.23	205	1
91SL002	14	449000	6077450	BC-3	0.1	7.36	144	544	1.5	0.17	0.5	36	86	213	7.32	45		17	2.09	491	3
91SL003	14	453550	6090900	BC-3	0.1	7.88	45	199	1.5	0.18	0.5	12	76	161	6.28	100		29	1.74	382	2
91SL004	14	454800	6091600	BC-3	0.1	7.28	14	270	1.5	0.19	0.5	11	61	116	5.77	20		29	2.04	363	1
91SL005	14	455350	6091750	BC-3	0.3	6.99	16	329	1.5	0.16	0.5	10	92	89	5.79	30		36	1.84	408	1
91SL006	14	453200	6090900	BC-3	0.3	4.03	7	210	1.5	0.21	0.5	17	50	30	3.87	50		22	1.10	220	1
91SL007	14	452450	6090200	BC-3	0.2	6.02	10	371	1.5	0.25	0.5	16	73	77	6.12	20		20	2.19	428	1
91SL008	14	437400	6065700	BC-3	0.5	6.64	30	267	1.5	1.29	0.5	12	89	60	6.72	110		66	2.45	853	1
91SL009	14	436650	6064300	BC-3	0.4	6.94	42	449	1.5	0.33	0.5	16	84	80	5.94	30		36	1.30	342	2
91SL011	14	445300	6090400	BC-3	0.3	6.28	17	412	1.5	0.40	0.5	18	70	482	6.31	55		28	1.84	501	1
91SL012	14	446250	6090250	BC-3	0.2	7.69	28	265	1.5	0.10	0.5	6	57	163	5.11	85		27	1.72	237	1
91SL013	14	446750	6091350	BC-3	0.2	7.67	19	336	1.5	0.17	0.5	18	86	81	6.27	15		22	2.27	657	1
91SL014	14	447200	6092900	BC-3	0.3	8.90	32	335	1.5	0.19	0.5	10	56	71	6.80	55		22	1.56	265	2
91SL015	14	447850	6094050	BC-3	0.3	7.80	47	379	1.5	0.36	0.5	18	67	136	6.02	30		20	1.93	379	1
91SL016	14	447400	6094750	BC-3	0.1	6.02	21	470	1.5	0.68	0.5	15	79	214	7.62	30		56	2.43	615	1
91SL017	14	446900	6093450	BC-3	0.6	10.16	40	400	1.5	0.31	0.5	23	59	267	6.48	60		23	1.47	331	3
91SL018	14	446200	6092050	BC-3	0.3	4.10	11	262	1.5	0.11	2.0	32	63	907	14.42	20		15	1.27	233	2
91SL019	14	429350	6079350	BC-3	1.1	9.63	455	583	1.5	0.19	0.5	30	81	496	9.29	200		39	1.58	320	15
91SL020	14	428300	6077100	BC-3	1.3	8.85	324	293	1.5	0.22	0.5	20	69	991	7.43	425		37	1.17	394	7
91SL021	14	441600	6087750	BC-3	0.2	7.37	14	400	1.5	0.31	0.5	17	56	105	5.90	45		36	1.45	548	1
91SL022	14	440150	6088200	BC-3	0.6	8.07	17	277	1.5	0.42	0.5	16	62	544	5.92	5		20	2.30	487	2
91SL023	14	439400	6089300	BC-3	0.9	8.11	14	349	1.5	0.24	0.5	11	65	337	6.45	3		25	2.29	533	1
91SL024	14	438750	6090800	BC-3	0.3	10.62	229	282	1.5	0.21	1.0	35	145	141	7.36	165		35	1.53	225	1
91SL025	14	438150	6092350	BC-3	0.3	6.27	12	305	1.5	0.38	0.5	11	72	52	6.00	5		28	2.10	469	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91MOB0013	0.63	53		23	27	8	22		80	95
91MOB0016	0.43	49		12	38	2.5	39		52	62
91MOB0017	0.33	47		14	43	5	58		49	61
91MOB0018	0.57	73		20	12	6	47		62	107
91MOB0019	0.45	58		15	52	2.5	41		32	39
91MOB0020	0.53	68		12	38	5	48		47	55
91MOB0021	0.49	51		16	41	7	47		77	90
91MOB0022	0.60	45		11	32	8	55		71	86
91MOB0023	0.28	22		15	52	2.5	121		26	34
91MOB0024	0.36	25		16	47	2.5	92		35	47
91MOB0025	0.60	64		17	23	9	71		81	81
91MOB0026	0.41	37		12	33	6	88		49	67
91MOB0027B	1.78	38		32	2.5	6	42		65	133
91MOB0028	0.49	37		18	33	7	42		62	81
91MOB0029	0.49	55		22	27	10	48		92	114
91MOB0030	0.52	79		24	2.5	13	18		145	160
91MOB0031	0.75	115		32	2.5	20	18		190	238
91MOB0032	0.75	71		24	8	14	22		126	144
91MOB0033A	0.86	94		29	9	18	28		156	163
91MOB0033B	0.68	87		32	7	15	32		137	137
91MOB0033C	0.68	81		29	2.5	13	31		121	126
91MOB0034	0.74	81		27	30	13	27		108	92
91MOB0035	0.74	65		26	44	8	29		69	66
91MOB0036	0.50	55		20	35	9	29		80	89
91MOB0041	0.54	75		19	26	12	30		97	81
91MOB0042	0.52	77		24	11	13	44		128	162
91SL001	2.44	66		14	2		13	0.16	66	146
91SL002	1.65	87		9	2		12	0.34	147	160
91SL003	2.66	76		17	2		14	0.35	133	163
91SL004	1.25	69		5	2		15	0.41	122	165
91SL005	1.49	73		20	2		27	0.26	100	136
91SL006	1.64	42		15	2		23	0.32	113	140
91SL007	1.38	78		18	2		26	0.41	146	180
91SL008	1.91	86		15	2		37	0.18	101	169
91SL009	1.60	63		17	2		40	0.26	137	114
91SL011	1.51	69		10	2		28	0.32	127	168
91SL012	2.29	69		11	2		13	0.37	117	235
91SL013	2.40	83		15	2		20	0.31	119	209
91SL014	2.14	66		13	2		32	0.26	173	112
91SL015	1.89	82		5	2		32	0.35	140	124
91SL016	2.13	84		10	2		54	0.48	171	186
91SL017	3.18	95		22	3		24	0.25	128	113
91SL018	2.47	103		52	2		19	0.31	106	134
91SL019	2.58	132		27	14		19	0.30	161	188
91SL020	2.31	140		29	7		16	0.18	93	224
91SL021	2.19	80		17	21		31	0.27	99	154
91SL022	1.63	147		14	5		25	0.31	122	172
91SL023	1.74	108		19	2		20	0.35	138	189
91SL024	3.21	65		6	1		15	0.40	131	152
91SL025	1.33	76		15	2		31	0.42	124	191

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL026	14	438150	6089600	BC-3	0.8	7.14	17	349	1.5	0.52	0.5	16	73	90	5.33	15		23	1.94	580	1
91SL027	14	437550	6088000	BC-3	0.1	8.61	32	286	1.5	0.37	0.5	13	75	171	7.13	65		26	2.24	313	2
91SL028	14	450150	6070650	BC-3	0.2	5.35	17	391	1.5	0.36	0.5	14	107	40	5.89	3		29	2.27	583	1
91SL029	14	450500	6071150	BC-3	0.1	5.72	54	297	1.5	0.27	0.5	12	104	57	5.86	15		32	2.10	425	1
91SL030	14	452100	6071050	BC-3	0.3	8.46	551	423	1.5	0.28	0.5	15	103	175	7.34	55		37	1.54	391	2
91SL031	14	424200	6072250	BC-3	0.1	6.86	26	487	1.5	0.35	0.5	20	156	116	6.70	15		27	2.82	566	1
91SL032	14	419850	6068900	BC-3	0.6	7.01	15	689	1.5	0.26	1.0	72	129	468	4.95	50		26	2.01	326	1
91SL033	14	426450	6073900	BC-3	0.1	4.44	31	402	1.5	0.45	0.5	19	56	243	5.81	70		55	2.25	505	1
91SL034	14	435100	6085350	BC-3	0.1	7.51	40	531	1.5	0.43	0.5	16	65	153	6.52	20		27	2.10	463	1
91SL035	14	436250	6082800	BC-3	0.2	9.85	97	349	1.5	0.29	0.5	12	102	244	7.35	200		71	1.10	248	1
91SL036	14	452350	6076300	BC-3	0.1	7.24	331	279	1.5	0.14	1.0	12	59	84	13.59	135		15	0.59	317	14
91SL037	14	454500	6077400	BC-3	0.1	6.45	30	598	1.5	0.52	0.5	4	84	125	6.74	45		48	2.03	340	1
91SL038	14	453400	6076450	BC-3	0.5	5.01	170	726	1.5	3.94	0.5	23	79	206	6.02	20		33	3.05	400	1
91SL039	14	447850	6076250	BC-3	0.1	6.91	44	619	1.5	0.55	0.5	6	102	150	7.02	75		50	2.14	306	2
91SL040	14	452950	6071050	BC-3	0.2	4.24	6	434	1.5	4.17	0.5	19	86	72	4.78	30		51	2.36	535	1
91SL041	14	454550	6071850	BC-3	0.2	4.40	20	513	1.5	2.82	0.5	22	109	138	5.27	40		35	2.79	519	1
91SL042	14	453900	6071300	BC-3	0.1	6.73	26	398	1.5	0.26	0.5	9	109	63	5.83	20		25	2.13	599	1
91SL043	14	454150	6075550	BC-3	0.1	9.53	29	265	1.5	0.09	0.5	12	131	87	5.33	160		44	1.21	221	2
91SL044	14	442200	6068300	BC-3	0.1	5.19	69	322	1.5	2.44	0.5	19	75	122	5.54	25		78	2.19	531	1
91SL045	14	441850	6070000	BC-3	0.1	7.24	95	272	1.5	0.17	0.5	16	61	235	6.51	30		62	2.12	476	2
91SL046	14	441500	6070700	BC-3	0.1	3.99	1	269	1.5	8.42	0.5	16	59	114	4.42	15		54	2.68	611	1
91SL047	14	441250	6071550	BC-3	0.1	5.95	22	314	1.5	0.35	0.5	20	59	159	6.53	45		66	2.37	620	2
91SL048	14	440550	6071750	BC-3	0.2	5.23	25	524	1.5	1.01	0.5	24	76	186	6.02	5		44	2.83	657	1
91SL049	14	439550	6071950	BC-3	0.2	5.40	50	258	1.5	0.43	0.5	15	65	161	6.09	30		81	2.04	596	1
91SL050	14	438000	6073150	BC-3	0.1	4.75	18	261	1.5	0.67	0.5	13	62	69	5.47	15		54	1.99	565	1
91SL051	14	438850	6073400	BC-3	0.1	5.53	26	250	1.5	0.38	0.5	12	56	69	5.82	15		42	2.24	601	1
91SL052	14	439850	6074050	BC-3	0.1	4.29	26	421	1.5	4.44	0.5	23	58	120	4.84	5		49	2.74	571	1
91SL053	14	440750	6073550	BC-3	0.1	4.64	59	381	1.5	2.43	0.5	28	58	219	5.52	5		51	2.76	528	1
91SL054	14	441450	6074600	BC-3	0.1	3.76	68	300	1.5	3.43	0.5	26	67	139	4.55	5		46	2.54	510	1
91SL055	14	440450	6075100	BC-3	0.1	5.16	76	491	1.5	0.57	0.5	15	68	175	5.87	25		47	2.58	481	1
91SL056	14	441100	6075700	BC-3	0.1	3.80	19	328	1.5	4.23	0.5	23	80	144	4.86	20		45	2.76	543	1
SL91-57(20)	14	440800	6074450	BC-3	0.1	5.45	40	202	1.5	0.30	0.5	13	92	284	5.44			24	1.98	382	1
SL91-57(40)	14	440800	6074450	BC-3	0.1	5.65	61	232	1.5	0.22	0.5	13	102	311	5.95			25	2.12	407	2
SL91-57(60)	14	440800	6074450	BC-3	0.1	5.86	38	325	1.5	0.25	0.5	15	97	224	5.85			24	2.45	396	1
SL91-57(80)	14	440800	6074450	BC-3	0.1	6.27	33	390	1.5	0.29	0.5	15	98	262	6.36			31	2.70	545	1
SL91-57(100)	14	440800	6074450	BC-3	0.1	6.27	30	444	1.5	0.38	0.5	12	81	321	6.45			46	2.72	480	1
SL91-57(120)	14	440800	6074450	BC-3	0.2	5.44	31	504	1.5	1.31	0.5	10	98	311	5.89			53	2.89	404	1
SL91-57(140)	14	440800	6074450	BC-3	0.1	5.08	18	482	1.5	2.94	0.5	12	84	304	5.25			48	2.78	391	1
SL91-57(160)	14	440800	6074450	BC-3	0.1	4.08	21	423	1.5	4.19	0.5	14	78	374	4.55			51	2.34	322	1
SL91-57(180)	14	440800	6074450	BC-3	0.1	5.04	41	559	1.5	3.07	0.5	13	115	271	5.51			40	2.91	468	1
SL91-57(200)	14	440800	6074450	BC-3	0.1	5.46	38	556	1.5	2.96	0.5	13	84	320	5.75			41	3.23	493	1
SL91-57(220)	14	440800	6074450	BC-3	0.1	5.16	33	548	1.5	2.37	0.5	13	65	313	5.38			36	2.99	445	1
SL91-57(240)	14	440800	6074450	BC-3	0.1	4.69	25	490	1.5	2.42	0.5	16	107	249	5.12			36	2.74	444	1
SL91-57(260)	14	440800	6074450	BC-3	0.3	5.20	26	535	1.5	2.50	0.5	14	108	314	5.56			39	3.05	446	1
91SL058	14	408450	6081200	BC-3	0.1	6.72	75	594	1.5	0.18	0.5	8	85	137	6.59	20		18	2.13	398	2
91SL059	14	408350	6081950	BC-3	0.1	6.34	58	566	1.5	0.23	0.5	4	82	194	5.64	30		37	1.70	258	1
91SL060	14	408150	6083450	BC-3	0.1	8.23	40	419	1.5	0.15	0.5	8	85	124	5.22	100		26	1.38	186	2
91SL061	14	407850	6083450	BC-3	0.1	6.98	60	304	1.5	0.16	0.5	14	98	115	5.46	40		25	1.71	288	2
91SL062	14	408700	6084600	BC-3	0.1	6.24	51	398	1.5	0.19	0.5	15	85	98	5.57	20		19	1.79	344	1
91SL063	14	409150	6085250	BC-3	0.1	7.18	13	332	1.5	0.27	0.5	11	81	101	5.25	15		24	1.93	271	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL026	1.47	85		6	2		31	0.22	89	203
91SL027	1.64	75		10	7		22	0.37	184	136
91SL028	0.93	70		2	2		32	0.35	116	237
91SL029	1.25	69		14	7		28	0.37	126	149
91SL030	2.79	90		18	6		43	0.30	137	136
91SL031	1.39	139		3	2		34	0.38	137	160
91SL032	1.34	658		9	3		16	0.37	112	131
91SL033	1.39	107		13	2		30	0.32	117	194
91SL034	1.46	101		10	2		33	0.40	157	158
91SL035	2.88	56		6	2		18	0.35	121	100
91SL036	1.79	39		32	6		9	0.50	230	270
91SL037	1.29	71		12	5		51	0.28	128	139
91SL038	0.89	78		4	2		100	0.33	147	151
91SL039	1.55	87		13	4		25	0.37	152	141
91SL040	1.23	69		14	2		62	0.27	91	145
91SL041	0.96	68		6	2		34	0.40	129	163
91SL042	1.41	84		23	2		24	0.38	120	175
91SL043	2.73	53		11	2		10	0.21	94	94
91SL044	1.11	78		15	2		49	0.26	98	151
91SL045	1.67	91		17	2		20	0.30	113	165
91SL046	0.72	62		1	2		70	0.29	91	175
91SL047	1.51	87		21	2		29	0.36	121	178
91SL048	1.05	110		17	2		30	0.51	159	268
91SL049	1.29	84		17	2		33	0.27	114	167
91SL050	0.99	68		19	2		39	0.24	92	158
91SL051	1.34	78		16	2		34	0.34	116	157
91SL052	0.91	64		12	2		78	0.31	109	164
91SL053	0.87	80		12	5		67	0.23	95	218
91SL054	0.86	74		12	2		59	0.27	92	332
91SL055	0.96	80		9	4		25	0.40	143	199
91SL056	0.77	67		7	2		74	0.25	100	181
SL91-57(20)	1.07	180		7	2		19	0.34	109	145
SL91-57(40)	1.14	185		8	13		15	0.36	125	167
SL91-57(60)	1.07	166		5	2		19	0.47	146	189
SL91-57(80)	1.12	182		5	2		20	0.49	162	209
SL91-57(100)	1.04	209		7	2		24	0.46	160	204
SL91-57(120)	0.81	147		12	2		30	0.43	155	209
SL91-57(140)	0.84	134		2	2		42	0.37	134	175
SL91-57(160)	0.79	147		1	2		46	0.31	116	169
SL91-57(180)	0.87	130		2	2		45	0.42	146	198
SL91-57(200)	0.87	213		1	2		44	0.39	145	200
SL91-57(220)	0.95	206		12	2		39	0.35	133	186
SL91-57(240)	0.70	153		1	2		37	0.38	134	178
SL91-57(260)	0.86	225		12	2		40	0.40	142	194
91SL058	1.03	80		13	2		16	0.39	165	155
91SL059	1.43	79		1	2		14	0.32	135	110
91SL060	0.99	70		4	2		29	0.22	83	136
91SL061	1.73	68		6	2		14	0.29	118	129
91SL062	1.22	66		10	6		13	0.36	122	153
91SL063	1.55	74		11	2		23	0.33	114	170

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL064	14	407700	6080300	BC-3	0.1	5.92	28	619	1.5	0.64	0.5	16	85	95	4.97	55		23	1.75	363	1
91SL065	14	407800	6081250	BC-3	0.1	7.76	48	290	1.5	0.16	0.5	10	73	175	5.35	45		30	1.55	197	2
91SL066	14	407650	6082050	BC-3	0.1	6.88	154	615	1.5	0.47	0.5	11	80	151	5.64	40		46	1.57	329	2
91SL067	14	407550	6083150	BC-3	4.6	7.32	206	351	1.5	0.07	1.0	11	108	120	15.94	205		15	0.82	186	42
91SL068	14	407400	6083500	BC-3	0.4	7.05	153	144	1.5	0.05	1.0	13	73	137	9.90	75		15	1.31	193	12
91SL069	14	409900	6078750	BC-3	0.3	8.06	221	321	1.5	0.16	1.0	31	76	220	11.82	55		16	2.19	332	16
91SL070	14	410650	6078850	BC-3	0.1	9.05	590	304	1.5	0.13	0.5	12	76	106	7.36	115		27	1.13	165	8
91SL071	14	411400	6079450	BC-3	0.1	7.45	144	374	1.5	0.16	0.5	7	92	149	6.43	70		31	1.93	252	6
91SL072	14	412000	6080000	BC-3	0.1	5.95	145	432	1.5	0.25	0.5	13	94	87	6.17	25		18	1.76	327	4
91SL073	14	412000	6079350	BC-3	0.1	5.94	56	269	1.5	0.25	0.5	10	98	56	6.44	40		19	1.72	307	2
91SL074	14	413600	6080350	BC-3	0.1	6.89	45	236	1.5	0.24	0.5	15	83	140	6.10	35		17	1.96	418	1
91SL075	14	409750	6085600	BC-3	0.1	7.45	27	313	1.5	0.12	0.5	6	65	95	5.42	35		22	1.91	292	1
91SL076	14	411000	6085150	BC-3	0.1	7.13	36	306	1.5	0.22	0.5	7	98	76	5.71	20		28	1.96	313	1
91SL077	14	410650	6087800	BC-3	0.1	6.75	32	447	1.5	0.16	0.5	10	94	97	6.09	5		25	2.29	464	1
91SL078	14	411350	6086500	BC-3	0.1	6.67	107	177	1.5	0.05	0.5	3	82	155	6.12	165		18	1.37	133	4
91SL079	14	413300	6087550	BC-3	0.1	7.45	78	617	1.5	0.50	0.5	12	108	214	6.43	15		41	1.96	417	2
91SL080	14	412500	6080650	BC-3	0.1	6.88	431	405	1.5	0.26	1.0	13	84	146	8.58	20		14	1.70	285	9
91SL081	14	413450	6080950	BC-3	0.1	6.89	67	444	1.5	0.24	0.5	19	88	181	6.77	20		21	1.89	340	4
91SL082	14	414950	6081700	BC-3	0.1	6.39	38	236	1.5	0.48	0.5	10	102	263	5.19	45		24	1.52	285	1
91SL083	14	416950	6082500	BC-3	0.1	6.65	54	146	1.5	0.24	0.5	8	102	175	5.34	50		17	1.44	283	1
91SL084	14	416650	6084700	BC-3	0.1	6.06	65	322	1.5	0.13	0.5	8	63	121	5.79	35		12	1.70	225	1
91SL085	14	419100	6086300	BC-3	0.1	5.92	15	416	1.5	0.16	0.5	6	91	112	5.75	45		19	1.86	289	1
91SL086	14	421850	6087800	BC-3	0.1	6.27	22	359	1.5	0.27	0.5	6	98	61	5.50	20		25	2.10	367	1
91SL087	14	420100	6086750	BC-3	0.1	6.36	21	552	1.5	0.16	0.5	7	105	55	6.23	20		25	2.24	305	1
91SL088	14	409000	6080100	BC-3	0.3	5.13	61	342	1.5	0.39	0.5	6	98	43	6.00	35		21	1.45	260	1
91SL089	14	407500	6079650	BC-3	0.2	7.52	219	308	1.5	0.49	0.5	12	116	104	9.46	65		18	1.78	1209	1
91SL092	14	407650	6074850	BC-3	0.1	8.52	55	374	1.5	0.15	0.5	3	71	164	6.53	55		24	1.56	318	1
91SL093	14	406550	6074850	BC-3	0.2	5.21	97	344	1.5	0.40	0.5	13	87	115	6.59	30		31	1.87	384	1
91SL094	14	406300	6073400	BC-3	0.2	5.91	128	349	1.5	0.19	0.5	10	87	129	7.47	35		18	1.72	374	6
91SL095	14	405500	6073050	BC-3	0.2	6.24	80	333	1.5	0.90	0.5	6	114	152	5.81	30		22	1.86	405	1
91SL096	14	418550	6086850	BC-3	0.1	6.58	22	360	1.5	0.19	0.5	5	159	118	5.36	20		42	2.01	299	1
91SL097	14	420250	6091150	BC-3	0.1	8.37	21	185	1.5	0.10	0.5	4	92	49	6.03	60		30	1.61	266	5
91SL098	14	422400	6087450	BC-3	0.2	7.58	33	309	1.5	0.18	0.5	8	106	153	5.30	55		34	1.73	335	2
91SL099	14	414400	6084100	BC-3	0.2	7.16	61	606	1.5	0.40	0.5	14	135	256	6.50	40		71	2.64	568	1
91SL100	14	413250	6084950	BC-3	0.4	5.01	74	230	1.5	0.31	0.5	21	203	82	6.23	75		45	1.22	312	2
91SL101	14	419600	6070700	BC-3	0.1	5.46	33	304	1.5	0.76	1.0	25	96	100	5.52	20		28	2.13	456	1
91SL102	14	418900	6069350	BC-3	0.1	5.82	39	346	1.5	0.33	0.5	5	88	54	6.51	70		27	1.22	265	2
91SL103	14	418550	6068600	BC-3	0.2	6.78	44	408	1.5	0.49	0.5	38	153	121	6.03	45		15	1.62	223	1
91SL104	14	417700	6069500	BC-3	0.1	5.38	39	277	1.5	0.12	0.5	23	83	172	6.57	45		23	1.89	484	3
91SL105	14	418550	6070200	BC-3	0.1	5.21	82	461	1.5	0.29	1.0	11	90	175	9.82	35		29	1.89	439	8
91SL106	14	419700	6071550	BC-3	0.1	6.51	38	307	1.5	0.30	0.5	16	98	162	5.85	25		25	2.14	445	1
91SL107	14	420100	6071750	BC-3	0.1	8.09	17	449	1.5	0.14	0.5	16	108	134	5.76	20		20	2.02	313	1
91SL108	14	420850	6072900	BC-3	0.1	8.01	15	312	1.5	0.15	0.5	14	125	139	5.96	45		28	2.33	342	1
91SL109	14	420900	6074200	BC-3	0.3	5.95	21	304	1.5	0.21	0.5	52	122	149	6.32	40		25	1.95	298	1
91SL110	14	419700	6072850	BC-3	0.1	5.52	20	276	1.5	0.33	0.5	14	124	167	5.31	30		26	2.08	375	1
91SL111	14	418900	6072900	BC-3	0.1	8.72	36	311	1.5	0.22	0.5	8	103	165	6.05	80		28	1.85	358	2
91SL112	14	417650	6071050	BC-3	0.1	7.72	20	323	1.5	0.22	0.5	13	151	195	5.33	35		25	2.20	348	1
91SL113	14	417900	6072100	BC-3	0.1	10.26	21	372	4	0.32	0.5	72	165	601	6.92	100		31	1.95	316	1
91SL115	14	417500	6074850	BC-3	0.1	9.02	14	530	1.5	0.09	0.5	10	141	175	5.65	30		41	2.02	268	2
91SL116	14	418900	6072100	BC-3	0.3	7.21	15	268	1.5	0.15	0.5	6	126	74	6.53	60		39	1.83	413	3

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL064	1.30	65		8	7		22	0.29	101	161
91SL065	1.39	53		11	2		11	0.28	113	119
91SL066	1.07	105		9	3		24	0.24	95	156
91SL067	1.94	59		95	3		15	0.18	134	210
91SL068	1.25	75		32	3		5	0.19	157	135
91SL069	2.28	143		27	4		11	0.22	159	182
91SL070	2.34	53		14	9		15	0.16	133	117
91SL071	1.39	78		14	6		11	0.30	138	160
91SL072	1.31	65		14	3		25	0.28	133	127
91SL073	1.45	67		16	3		27	0.33	143	185
91SL074	1.33	74		13	2		17	0.32	150	163
91SL075	1.60	68		8	7		16	0.37	104	142
91SL076	1.30	68		15	2		21	0.33	121	164
91SL077	1.23	78		1	2		25	0.43	140	152
91SL078	1.47	55		5	3		5	0.21	155	94
91SL079	1.67	132		13	4		35	0.28	148	149
91SL080	1.66	66		12	2		23	0.29	205	151
91SL081	1.44	78		8	3		20	0.31	171	135
91SL082	1.33	95		8	2		12	0.34	126	113
91SL083	1.03	66		15	2		14	0.27	131	102
91SL084	1.14	50		11	3		12	0.36	129	140
91SL085	1.13	60		11	2		27	0.41	143	162
91SL086	0.68	65		1	2		23	0.41	126	165
91SL087	1.30	71		8	2		23	0.56	164	206
91SL088	1.30	45		21	2		35	0.23	105	173
91SL089	1.56	69		6	2		22	0.20	154	176
91SL092	1.47	63		9			20	0.26	104	136
91SL093	1.24	75		20	2		40	0.28	136	171
91SL094	1.19	75		21	2		24	0.26	121	175
91SL095	1.01	84		20	3		31	0.22	124	130
91SL096	1.68	58		10	2		19	0.38	123	157
91SL097	1.36	50		19	2		13	0.33	129	129
91SL098	1.34	54		19	2		16	0.33	118	118
91SL099	1.27	89		15	2		35	0.42	121	229
91SL100	1.84	38		16	2		28	0.41	81	201
91SL101	1.87	68		13	10		40	0.27	106	1361
91SL102	1.62	35		20	3		27	0.20	95	311
91SL103	1.59	113		4	4		45	0.18	122	92
91SL104	0.97	98		15	2		15	0.31	114	144
91SL105	1.25	53		35	3		43	0.27	113	190
91SL106	1.66	78		18	2		18	0.28	124	153
91SL107	1.58	73		9	2		19	0.39	121	152
91SL108	1.54	73		9	2		15	0.50	146	183
91SL109	1.32	51		6	3		16	0.51	126	169
91SL110	1.14	65		4	2		26	0.37	120	144
91SL111	2.03	60		10	2		25	0.36	117	143
91SL112	1.77	96		1	9		19	0.37	108	173
91SL113	2.10	71		6	6		21	0.41	152	122
91SL115	1.82	68		2	2		11	0.36	114	202
91SL116	1.58	44		3	3		13	0.34	108	232

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL117	14	416000	6073600	BC-3	0.2	9.28	16	283	1.5	0.12	0.5	9	152	65	6.59	50		28	1.44	265	2
91SL118	14	414950	6074300	BC-3	0.1	7.56	15	266	1.5	0.22	0.5	6	127	76	5.19	85		27	1.89	298	2
91SL120	14	414050	6076450	BC-3	0.2	6.05	20	521	1.5	0.30	0.5	14	102	114	6.25	15		28	2.13	399	2
91SL121	14	418000	6073950	BC-3	0.4	6.93	21	332	1.5	0.90	0.5	12	71	882	5.88	75		43	3.10	472	1
91SL122	14	420500	6069050	BC-3	0.1	6.36	32	305	1.5	0.29	0.5	10	85	121	5.80	25		21	2.12	358	2
91SL123	14	421850	6068700	BC-3	0.1	6.94	19	239	1.5	0.27	0.5	17	112	148	4.98	30		24	2.40	374	1
91SL124	14	451500	6088600	BC-3	0.1	6.86	23	181	1.5	0.28	1.0	5	79	52	6.85	45		19	1.44	380	2
91SL125	14	451150	6087750	BC-3	0.1	6.71	24	209	1.5	0.21	0.5	9	80	60	5.94	20		19	1.71	350	2
91SL126	14	429550	6088300	BC-3	0.1	7.75	39	335	1.5	0.18	1.0	10	95	143	7.18	40		21	2.24	329	3
91SL127	14	428450	6089000	BC-3	0.1	6.15	24	321	1.5	0.32	0.5	10	83	51	5.66	30		21	1.97	623	1
91SL128	14	428700	6090250	BC-3	0.1	7.32	34	470	1.5	0.27	0.5	16	96	81	6.22	15		17	2.26	465	1
91SL129	14	430550	6089200	BC-3	1.4	9.78	271	233	1.5	0.84	1.0	38	90	271	7.13	110		20	2.12	467	6
91SL130	14	430800	6087250	BC-3	0.1	6.05	105	800	1.5	0.11	0.5	8	100	134	6.46	3		13	2.36	183	1
91SL130A	14	430800	6087250	BC-3	0.1	7.69	143	498	1.5	0.09	1.0	6	105	129	7.06	5		20	2.31	211	2
91SL131	14	431200	6087900	BC-3	0.1	7.17	138	870	1.5	0.12	1.0	24	108	86	7.41	5		11	2.55	230	4
91SL132	14	432400	6089200	BC-3	0.1	6.40	42	741	1.5	0.14	0.5	11	88	165	6.66	5		9	2.52	188	1
91SL133	14	433500	6090400	BC-3	0.1	6.32	78	542	1.5	0.26	0.5	13	97	126	6.08	10		33	2.27	371	1
91SL134	14	427750	6085000	BC-3	0.1	5.55	22	334	1.5	0.46	0.5	7	78	58	6.01	5		21	1.90	450	1
91SL135	14	421700	6081350	BC-3	0.1	8.57	22	342	1.5	0.08	0.5	3	127	152	6.46	25		44	1.71	250	2
91SL136	14	420950	6080400	BC-3	0.1	7.52	37	222	1.5	0.06	0.5	2	88	632	6.85	65		51	1.05	187	9
91SL137	14	419650	6081000	BC-3	0.1	7.68	41	435	1.5	0.13	0.5	13	91	92	6.01	160		34	1.21	201	1
91SL138	14	419700	6082100	BC-3	0.1	4.82	25	115	1.5	0.18	0.5	7	70	30	4.47	40		21	1.22	264	1
91SL141	14	443450	6077650	BC-3	0.1	5.39	31	470	1.5	1.42	1.0	11	118	115	5.48	15		40	2.63	458	1
91SL142	14	443900	6078800	BC-3	0.2	4.51	19	463	1.5	5.87	0.5	13	84	152	4.83	15		51	2.73	399	1
91SL143	14	443050	6077950	BC-3	0.1	5.96	16	512	1.5	0.90	1.0	10	143	117	5.87	25		47	2.87	434	2
91SL144	14	430800	6081650	BC-3	0.1	6.78	236	470	1.5	0.49	0.5	5	118	113	5.02	33		36	2.36	343	2
91SL145	14	430775	6081825	BC-3	0.1	7.03	804	547	1.5	0.50	1.0	6	130	155	6.44	40		54	2.20	560	1
92EL001	14	398920	6080540	CHEMEX	0.1	7.51	38	300	1	0.25	0.25	21	94	192	6.19		0.39	20	1.38	355	2
92EL002	14	397550	6080380	CHEMEX	0.1	7.24	22	290	1	0.16	0.50	15	90	423	6.15		0.19	20	1.53	310	2
92EL003	14	399440	6081490	CHEMEX	0.1	4.67	20	260	1	0.26	0.25	18	105	97	4.90		0.35	20	1.58	315	0.5
92EL004	14	399250	6079950	CHEMEX	0.1	5.16	1.0	170	1	0.15	0.25	16	92	105	4.59		0.18	20	1.40	240	0.5
92EL005	14	399080	6078630	CHEMEX	0.1	5.96	12	260	1	0.14	0.25	19	104	108	4.46		0.19	10	1.56	250	1
92EL006	14	401750	6074270	CHEMEX	0.1	4.85	14	420	1	0.94	0.25	29	93	222	6.83		0.70	30	1.78	530	0.5
92EL007	14	401790	6075500	CHEMEX	0.4	5.98	16	210	1	0.48	0.25	35	75	345	7.69		0.31	10	1.63	385	1
92EL008	14	402200	6077270	CHEMEX	0.1	9.31	38	230	2	0.26	0.25	31	80	153	7.96		0.17	20	1.42	335	1
92EL009	14	400990	6077980	CHEMEX	0.1	6.33	24	230	1	0.17	0.25	27	97	71	7.21		0.39	10	1.49	360	3
92EL010	14	400050	6078240	CHEMEX	0.1	5.84	34	280	1	0.59	0.25	23	98	143	5.90		0.72	40	1.76	455	1
92EL011	14	398400	6077310	CHEMEX	0.1	6.43	24	410	1	0.31	0.25	21	85	175	6.11		0.37	10	1.61	340	1
92EL012	14	397340	6077000	CHEMEX	0.1	6.40	24	420	1	0.16	0.25	18	83	110	6.35		0.34	10	1.09	245	1
92EL013	14	399830	6076120	BC-3	0.7	7.81	8	221	19	0.57	1.3	41	101	241	8.83	152	0.36	35	2.08	517	6
92EL014	14	399980	6075340	CHEMEX	0.1	5.44	12	180	1	0.36	0.25	23	97	31	5.06		0.14	5	1.48	225	0.5
92EL015	14	400020	6083380	CHEMEX	0.1	5.79	30	110	1	0.37	0.25	47	25	331	15.00		0.08	10	0.64	275	1
92EL016	14	400170	6083380	CHEMEX	0.1	6.67	24	290	1	0.28	0.25	22	83	107	5.65		0.22	10	1.35	275	0.5
92EL017	14	400920	6083340	CHEMEX	0.1	7.90	80	390	1	0.35	0.25	26	69	162	6.85		0.24	10	1.08	280	1
92EL018	14	398770	6083430	CHEMEX	0.1	7.59	28	480	1	0.40	0.25	20	97	211	5.89		0.37	10	1.33	295	1
92EL019	14	397920	6078590	BC-3	0.5	8.22	4	382	14	0.32	1.0	33	88	141	6.70	81	0.50	22	1.49	357	6
92EL020	14	399400	6077620	CHEMEX	0.1	4.51	24	280	1	0.35	0.25	42	481	41	6.27		0.33	5	3.37	445	0.5
92EL021	14	402210	6090060	CHEMEX	0.1	7.61	66	270	2	0.35	0.25	40	108	231	7.00		0.37	10	1.41	325	3
92EL022	14	402840	6089790	CHEMEX	0.2	6.19	24	340	1	0.26	0.25	30	89	106	7.24		0.88	5	1.49	420	3
92EL023	14	403510	6089390	CHEMEX	0.1	6.19	182	590	1	0.64	0.25	22	157	149	6.36		0.87	20	2.20	440	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL117	2.21	61		9	2		21	0.36	123	123
91SL118	1.79	54		1	2		25	0.23	103	139
91SL120	1.21	71		5	2		22	0.43	144	173
91SL121	1.40	89		11	2		33	0.31	123	308
91SL122	1.84	68		4	3		16	0.37	145	137
91SL123	1.61	79		1	3		18	0.32	116	161
91SL124	1.78	59		10	3		21	0.29	143	371
91SL125	1.20	76		9	2		19	0.32	115	145
91SL126	1.84	67		15	3		18	0.34	199	157
91SL127	1.53	60		10	2		26	0.34	103	230
91SL128	1.14	73		1	2		23	0.40	160	199
91SL129	1.69	155		14	7		29	0.29	152	162
91SL130	1.23	57		1	9		16	0.43	179	146
91SL130A	1.44	61		1	5		12	0.42	182	143
91SL131	1.18	67		6	5		18	0.49	226	173
91SL132	0.77	58		7	2		13	0.42	174	168
91SL133	1.12	74		1	4		25	0.37	143	185
91SL134	1.26	48		1	6		27	0.30	120	142
91SL135	1.41	78		7	4		12	0.39	148	145
91SL136	2.38	65		16	5		8	0.30	138	306
91SL137	2.03	61		3	2		18	0.32	113	98
91SL138	1.34	36		8	2		23	0.25	115	108
91SL141	1.01	83		12	2		35	0.47	143	293
91SL142	1.18	72		1	2		66	0.34	120	278
91SL143	1.02	88		5	2		32	0.52	156	244
91SL144	1.13	70		1	6		31	0.39	128	159
91SL145	1.34	85		3	1		24	0.36	145	180
92EL001	1.41	53	3780	8	1	15.0	18	0.24	122	104
92EL002	1.17	46	2290	14	1	11.0	7	0.25	130	2520
92EL003	1.10	39	970	2	1	11.0	15	0.24	106	110
92EL004	1.09	32	1120	6	1	10.0	9	0.19	97	96
92EL005	1.24	44	1680	6	1	9.0	12	0.17	89	104
92EL006	1.23	48	1960	6	2	17.0	30	0.17	168	128
92EL007	1.37	41	2600	4	1	13.0	12	0.20	198	184
92EL008	1.76	37	8190	8	6	19.0	8	0.49	167	78
92EL009	1.79	62	6130	12	10	8.0	19	0.21	134	100
92EL010	0.94	42	1280	6	1	14.0	43	0.28	136	124
92EL011	1.31	38	2310	4	1	13.0	12	0.22	116	100
92EL012	1.46	37	2530	8	1	9.0	21	0.19	117	104
92EL013	1.82	65	0	33	53	22.0	14	0.00	118	160
92EL014	1.06	34	1280	12	1	8.0	13	0.20	126	122
92EL015	0.66	63	1920	1	1	46.0	7	0.07	415	90
92EL016	1.45	34	2500	2	1	11.0	10	0.21	125	100
92EL017	1.96	51	5560	12	1	11.0	16	0.33	128	78
92EL018	1.47	51	2400	2	2	11	20	0.19	118	118
92EL019	1.82	90		24	34	12	17		101	128
92EL020	1.34	230	1920	2	1	10	21	0.14	97	96
92EL021	1.76	95	6210	20	2	12	12	0.19	116	108
92EL022	1.14	59	3180	12	1	11	16	0.22	134	216
92EL023	0.96	107	1490	12	1	21	21	0.26	142	378

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL024	14	404530	6088570	BC-3	0.6	6.42	34	413	13	0.40	1.4	43	75	463	6.29	118	0.39	25	1.70	275	5
92EL025	14	405320	6088790	CHEMEX	0.1	4.82	4	450	1	0.29	0.25	16	92	133	5.17		0.58	10	1.53	230	1
92EL026	14	406330	6088840	CHEMEX	0.1	4.93	34	430	1	0.17	0.25	31	125	141	6.16		1.10	10	1.64	445	0.5
92EL027	14	406300	6089830	CHEMEX	0.1	6.09	24	240	1	0.74	0.25	32	88	159	5.92		0.82	10	1.95	525	2
92EL028	14	405310	6089580	BC-3	0.5	7.18	8	320	17	0.79	0.1	56	75	260	6.92	80	0.49	17	1.77	658	8
92EL029	14	404840	6090580	CHEMEX	0.1	6.60	16	160	1	0.58	0.25	30	68	141	6.37		0.41	10	1.39	385	2
92EL030	14	403600	6090260	CHEMEX	0.1	6.62	40	300	1	0.34	0.25	35	92	149	6.43		0.83	10	1.58	480	2
92EL031	14	403020	6090850	CHEMEX	0.1	5.18	10	260	1	0.38	0.25	27	94	74	5.37		1.02	10	1.65	485	0.5
92EL032	14	402430	6091390	BC-3	0.6	5.56	3	217	15	0.61	1.2	35	80	76	6.35	30	0.85	26	1.72	540	6
92EL033	14	402410	6092520	CHEMEX	0.1	5.30	16	160	1	0.45	0.25	19	74	106	5.14		0.53	10	1.62	365	1
92EL034	14	404060	6092170	BC-3	0.4	6.31	1	206	15	0.44	0.8	24	82	100	6.44	15	0.67	22	1.63	378	4
92EL035	14	405600	6092460	CHEMEX	0.1	5.26	10	310	1	0.25	0.25	21	105	54	5.40		0.96	10	1.56	420	1
92EL036	14	406790	6091260	CHEMEX	0.1	5.70	4	150	1	0.19	0.25	18	95	152	4.78		0.35	10	1.37	275	0.5
92EL037	14	409720	6089400	CHEMEX	0.1	5.67	58	380	1	0.18	0.25	31	125	92	6.15		0.98	5	1.63	415	2
92EL038	14	408730	6089040	CHEMEX	0.1	7.34	24	320	1	0.10	0.25	19	120	89	6.22		0.97	10	1.59	165	1
92EL039	14	408430	6087400	CHEMEX	0.1	4.91	20	390	1	0.17	0.25	22	133	80	5.65		1.31	10	1.90	355	0.5
92EL040	14	409570	6087940	CHEMEX	0.1	4.59	70	180	1	0.10	0.25	17	112	94	4.58		0.48	10	1.38	210	0.5
92EL041	14	402490	6080710	CHEMEX	0.1	5.66	36	250	1	0.36	0.25	22	82	103	5.29		0.44	10	1.34	365	0.5
92EL042	14	402920	6081940	CHEMEX	0.1	7.55	48	250	1	0.27	0.25	18	84	100	6.39		0.32	30	1.98	315	2
92EL043	14	403080	6082950	CHEMEX	0.1	5.25	24	280	1	0.34	0.25	24	97	90	5.62		0.37	10	1.46	300	1
92EL044	14	403220	6084240	BC-3	0.5	6.45	55	167	17	1.15	1.7	53	63	238	8.93	37	0.48	21	1.56	640	8
92EL045	14	404320	6085160	CHEMEX	0.1	6.20	50	200	1	0.41	0.25	21	76	216	5.90		0.28	20	1.38	325	2
92EL046	14	404080	6083880	BC-3	0.3	8.14	12	290	13	0.44	0.80	33	80	249	6.05	58	0.41	31	1.48	355	3
92EL047	14	405980	6084520	CHEMEX	0.1	5.91	36	310	1	0.13	0.25	18	106	107	5.30		0.61	10	1.49	250	1
92EL048	14	406400	6085880	CHEMEX	0.1	6.37	22	460	1	0.13	0.25	22	122	285	4.99		0.77	10	1.67	215	1
92EL049	14	405220	6083340	CHEMEX	0.1	7.93	58	260	1	0.17	0.25	22	103	107	7.06		0.30	20	1.42	245	5
92EL050	14	404290	6082530	CHEMEX	0.1	6.02	24	240	1	0.24	0.25	19	108	113	5.56		0.56	10	1.52	300	1
92EL051	14	402650	6078210	BC-3	0.5	7.82	7	194	14	0.52	1.2	33	70	124	7.21	108	0.40	30	1.54	471	9
92EL052	14	403110	6078530	CHEMEX	0.1	6.53	24	330	1	0.33	0.25	23	79	139	6.12		0.50	20	1.61	410	0.5
92EL053	14	403620	6078980	CHEMEX	0.1	6.93	52	340	1	0.29	0.25	27	84	93	6.34		0.66	10	1.57	365	2
92EL054	14	404210	6079930	CHEMEX	0.1	6.95	14	290	4	0.52	0.25	30	93	297	6.57		0.35	20	1.95	330	0.5
92EL055	14	404430	6081390	CHEMEX	0.1	6.21	66	360	1	0.22	0.25	25	88	172	5.77		0.49	20	1.41	310	1
92EL056	14	381250	6082090	BC-3	0.8	6.77	28	108	24	0.69	1.5	105	512	394	10.00	40	0.58	19	5.49	874	25
92EL057	14	381430	6082840	CHEMEX	0.1	6.25	66	260	1	0.35	0.25	59	504	326	7.51		0.84	10	3.24	680	2
92EL058	14	381360	6083690	CHEMEX	0.1	5.63	56	200	1	0.43	0.25	37	375	197	6.94		0.52	10	2.88	580	3
92EL059	14	380350	6082800	CHEMEX	0.1	5.04	42	290	1	0.32	0.25	32	190	122	5.93		1.01	10	2.21	630	1
92EL060	14	377860	6080710	CHEMEX	0.1	4.87	14	220	1	0.23	0.25	28	379	55	5.88		1.15	5	2.67	450	0.5
92EL061	14	378980	6080630	CHEMEX	0.1	4.54	20	330	4	0.27	0.25	28	273	58	5.92		1.31	5	2.31	470	0.5
92EL062	14	380020	6081500	CHEMEX	0.1	4.47	20	150	2	0.50	0.25	26	347	91	5.41		0.37	10	2.69	470	0.5
92EL063	14	379690	6082420	CHEMEX	0.2	4.56	50	140	4	0.31	0.25	28	204	101	5.79		0.48	10	2.44	435	0.5
92EL064	14	379680	6083620	CHEMEX	0.1	6.36	82	130	6	0.38	0.25	25	142	197	8.62		0.18	5	1.87	445	3
92EL065	14	379100	6083240	CHEMEX	0.1	7.32	52	220	2	0.25	0.25	26	97	246	6.12		0.43	10	1.66	420	0.5
92EL066	14	378850	6082420	CHEMEX	0.1	4.60	30	160	2	0.29	0.25	24	90	79	5.43		0.73	5	1.61	425	1
92EL067	14	379110	6081570	CHEMEX	0.1	4.79	12	250	4	0.30	0.25	20	159	326	5.49		0.58	20	2.33	380	0.5
92EL068	14	377860	6081950	CHEMEX	0.1	9.97	44	210	4	0.51	0.25	33	159	147	9.56		0.50	10	2.33	515	1
92EL069	14	377040	6080660	CHEMEX	0.1	4.78	16	220	2	0.37	0.25	21	199	85	5.02		0.70	10	1.84	400	0.5
92EL070	14	376170	6079650	CHEMEX	0.1	5.83	32	280	1	0.23	0.25	24	186	73	5.58		0.55	5	1.54	290	0.5
92EL071	14	378020	6079640	CHEMEX	0.1	4.00	18	180	2	0.31	0.25	20	134	40	4.39		0.42	10	1.72	415	0.5
92EL072	14	378190	6079020	CHEMEX	0.1	6.01	722	110	12	0.22	0.5	45	172	265	11.35		0.25	10	2.40	490	4
92EL073	14	377430	6078130	CHEMEX	0.1	4.64	22	190	2	0.24	0.25	22	118	34	5.21		0.70	10	1.56	310	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL024	1.90	108		20	40	9	17		108	146
92EL025	1.02	40	920	2	1	14	16	0.21	139	114
92EL026	0.72	68	1180	12	4	13	14	0.22	141	182
92EL027	1.08	59	2640	6	1	15	24	0.24	156	118
92EL028	2.59	89		24	42	13	24		141	132
92EL029	2.15	60	6040	4	4	13	15	0.22	134	90
92EL030	1.60	73	3990	14	1	11	16	0.25	121	132
92EL031	0.93	53	2430	8	1	11	21	0.26	119	120
92EL032	1.51	66		23	41	12	28		110	117
92EL033	0.84	37	1160	6	1	11	15	0.21	124	108
92EL034	1.36	60		20	39	13	19		88	110
92EL035	0.75	52	1370	8	1	9	20	0.22	118	154
92EL036	1.10	43	2540	6	2	9	12	0.21	106	102
92EL037	1.38	66	3360	6	1	10	16	0.22	140	122
92EL038	1.71	48	4950	1	1	15	7	0.27	140	100
92EL039	1.03	48	1240	8	1	13	11	0.35	153	144
92EL040	0.86	45	1450	6	1	8	7	0.23	114	94
92EL041	1.13	40	1470	4	1	8	30	0.22	107	90
92EL042	0.01	42	2140	12	1	11	19	0.21	149	100
92EL043	0.58	47	620	2	4	10	22	0.26	127	100
92EL044	1.22	105		24	50	15	22		120	158
92EL045	0.96	42	2800	2	2	13	15	0.27	122	94
92EL046	1.44	63		18	31	11	19		96	105
92EL047	1.18	42	1740	12	1	9	10	0.27	129	124
92EL048	0.95	58	1700	8	1	12	9	0.26	119	128
92EL049	1.09	57	4180	16	2	12	8	0.27	147	114
92EL050	0.56	46	970	10	1	9	21	0.27	124	144
92EL051	2.86	50		24	37	11	14		84	146
92EL052	0.90	35	1380	21	46	12	19	0.005	128	165
92EL053	0.90	49	3170	25	45	11	18	0.005	126	136
92EL054	0.05	54	240	24	45	13	17	0.005	132	253
92EL055	1.10	45	2510	26	43	12	17	0.005	126	145
92EL056	1.49	282		36	81	11	26		194	160
92EL057	1.35	205	1810	6	1	14	16	0.25	195	124
92EL058	0.97	144	1270	14	1	11	27	0.22	153	152
92EL059	0.84	87	1350	6	2	11	30	0.26	136	138
92EL060	0.78	133	870	4	1	10	20	0.30	145	120
92EL061	0.57	100	1580	10	1	11	17	0.29	136	124
92EL062	0.43	140	730	4	1	12	27	0.22	120	104
92EL063	0.69	93	940	4	1	11	26	0.20	123	104
92EL064	1.66	84	6560	14	1	14	26	0.18	161	112
92EL065	0.99	55	3330	10	1	13	16	0.24	122	114
92EL066	0.78	48	1670	6	1	10	24	0.18	104	98
92EL067	0.87	61	670	4	1	15	21	0.28	130	130
92EL068	1.31	77	3380	16	1	16	35	0.24	208	184
92EL069	0.51	86	1650	6	1	10	31	0.28	125	134
92EL070	0.82	89	2490	6	2	9	20	0.19	111	100
92EL071	0.84	56	1320	2	1	9	21	0.21	90	128
92EL072	1.59	108	5580	6	14	18	10	0.21	212	98
92EL073	0.88	51	2010	6	1	10	15	0.27	137	138

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL074	14	381490	6081170	CHEMEX	0.1	6.21	46	260	4	0.45	0.25	25	94	141	7.20		0.44	10	1.42	495	1
92EL075	14	382160	6080650	CHEMEX	0.1	7.73	42	200	1	0.33	0.5	29	98	118	7.65		0.40	5	1.14	285	2
92EL076	14	382000	6079890	CHEMEX	0.1	5.95	42	230	2	0.29	0.25	31	109	94	6.29		0.75	5	1.65	370	1
92EL077	14	382590	6078960	CHEMEX	0.1	5.07	20	420	2	2.33	0.25	17	87	100	5.67		0.86	30	1.48	325	0.5
92EL078	14	383460	6078040	CHEMEX	0.1	7.37	42	270	4	0.25	0.25	25	135	119	6.40		0.98	10	1.71	335	0.5
92EL079	14	382720	6077050	CHEMEX	0.1	5.38	12	140	4	0.26	0.25	21	131	110	5.42		0.29	5	2.06	360	0.5
92EL080	14	382130	6077470	BC-3	0.4	7.14	4	282	16	0.41	1.8	39	110	87	7.17	74	0.57	16	1.84	499	6
92EL081	14	379760	6081640	CHEMEX	0.1	6.48	88	210	1	0.30	0.25	51	140	219	7.62		0.64	10	1.91	785	2
92EL082	14	379180	6079940	CHEMEX	0.1	5.80	136	150	1	0.27	0.25	31	228	154	7.48		0.80	10	2.14	460	1
92EL083	14	378500	6077970	CHEMEX	0.1	4.50	46	220	1	0.42	0.25	31	153	71	5.21		0.72	10	1.90	575	0.5
92EL084	14	379340	6078470	BC-3	0.8	4.38	81	106	25	2.41	1.9	92	181	382	10.00	263	0.34	39	3.22	1213	13
92EL085	14	377380	6077180	CHEMEX	0.1	4.39	18	230	1	0.25	0.25	22	127	43	5.29		0.87	10	1.97	405	1
92EL086	14	377670	6075450	CHEMEX	0.1	4.34	32	180	1	0.35	0.25	24	109	117	6.56		0.77	10	1.85	620	1
92EL087	14	377710	6074880	CHEMEX	0.4	6.24	60	160	1	0.36	0.25	53	137	606	9.70		0.78	10	2.43	920	3
92EL088	14	377020	6073900	CHEMEX	0.1	5.68	42	120	1	0.44	0.25	21	135	143	7.29		0.27	10	2.09	475	1
92EL089	14	376420	6072870	CHEMEX	0.2	6.67	88	220	1	0.40	0.25	56	123	689	9.38		0.48	10	2.08	605	2
92EL090	14	376030	6068520	CHEMEX	0.2	6.59	64	320	1	0.31	0.25	37	152	136	6.83		0.75	10	1.90	455	1
92EL091	14	376800	6069990	CHEMEX	0.2	6.46	46	200	1	0.20	0.25	24	155	77	6.89		0.91	5	1.79	375	1
92EL092	14	377210	6070670	CHEMEX	0.1	6.72	44	270	1	0.24	0.25	31	148	105	7.04		0.88	10	1.84	405	1
92EL093	14	377480	6071550	CHEMEX	0.1	6.68	36	300	1	0.31	0.25	37	278	124	6.57		0.68	5	2.48	530	0.5
92EL094	14	377810	6072300	CHEMEX	0.1	7.42	124	200	1	0.21	0.25	36	196	274	7.79		0.33	10	2.20	480	1
92EL095	14	379080	6074120	CHEMEX	0.1	7.69	82	260	1	0.21	0.25	37	346	146	7.00		0.23	10	2.48	370	2
92EL096	14	378040	6076570	CHEMEX	0.6	6.98	96	210	1	0.23	0.25	57	125	445	8.25		0.39	10	1.68	520	2
92EL097	14	377720	6073200	CHEMEX	0.6	5.62	198	240	1	0.31	0.25	36	121	187	10.45		0.46	10	1.57	740	1
92EL098	14	380510	6076720	CHEMEX	0.1	5.74	18	200	1	0.27	0.25	24	135	134	6.21		0.47	10	2.35	500	0.5
92EL099	14	380000	6075710	CHEMEX	0.1	4.66	18	210	1	0.34	0.25	19	120	62	5.06		0.89	10	2.00	445	0.5
92EL100	14	379590	6074930	CHEMEX	0.1	5.95	26	240	1	0.29	0.25	31	401	82	6.02		0.47	5	3.05	470	0.5
92EL101	14	376900	6088470	CHEMEX	0.1	5.76	18	280	1	0.34	0.25	20	116	120	5.71		1.01	10	2.15	490	0.5
92EL102	14	376120	6088110	CHEMEX	0.1	6.97	8	230	1	0.28	0.25	19	100	131	5.88		0.42	10	1.77	365	1
92EL103	14	376380	6090160	CHEMEX	0.1	9.30	26	210	1	0.47	0.25	17	73	460	7.40		0.46	10	1.79	480	6
92EL104	14	377580	6089400	BC-3	0.5	5.85	12	308	17	0.43	0.4	36	101	119	6.13	41	1.13	21	2.39	705	2
92EL105	14	379180	6090840	CHEMEX	0.1	9.86	34	610	1	0.19	0.25	32	106	199	6.22		0.62	10	1.84	300	1
92EL106	14	378280	6090500	CHEMEX	0.1	6.09	10	250	1	0.26	0.25	15	98	106	5.55		0.26	20	1.57	295	0.5
92EL107	14	377700	6091280	BC-3	0.3	7.73	4	351	15	0.36	1.3	32	90	182	6.88	98	0.29	23	1.71	405	7
92EL108	14	401420	6112370	CHEMEX	0.4	6.77	4	490	2	0.09	0.25	21	100	843	6.45		1.27	10	1.81	340	1
92EL109	14	401370	6104060	CHEMEX	0.1	8.89	14	420	1	0.16	0.25	18	60	271	5.99		0.19	10	1.15	245	2
92EL110	14	400690	6105150	CHEMEX	0.1	6.65	6	320	1	0.21	0.25	21	74	217	5.43		0.60	10	1.55	325	0.5
92EL111	14	399990	6105640	BC-3	0.4	7.92	1	317	17	0.25	1.1	30	78	224	6.79	98	0.68	24	2.18	484	6
92EL112	14	398790	6105380	CHEMEX	0.1	5.86	12	220	1	0.16	0.25	16	91	146	5.48		0.96	10	1.54	330	1
92EL113	14	404500	6097150	CHEMEX	0.1	8.40	14	250	2	0.16	0.25	13	68	585	6.65		0.37	10	1.24	290	2
92EL114	14	403590	6097590	CHEMEX	0.1	4.02	8	390	1	0.29	0.25	13	79	203	4.69		0.49	10	1.24	270	0.5
92EL115	14	403190	6097780	CHEMEX	0.1	8.10	18	430	1	0.21	0.25	25	79	163	6.85		0.68	10	1.50	410	1
92EL116	14	401510	6098800	CHEMEX	0.2	6.90	12	270	1	0.38	0.25	24	85	82	6.74		0.68	10	1.57	365	1
92EL117	14	400640	6095490	CHEMEX	0.1	4.54	32	500	1	1.45	0.25	21	114	184	6.05		1.59	20	2.51	585	1
92EL118	14	400640	6094950	CHEMEX	0.1	4.24	48	460	1	3.05	0.25	22	98	119	5.60		1.64	20	2.90	620	0.5
92EL119	14	400300	6093890	CHEMEX	0.1	4.36	16	380	2	0.60	0.25	20	103	178	4.86		0.97	20	1.75	365	0.5
92EL120	14	399350	6093780	CHEMEX	0.1	5.11	16	440	2	0.48	0.25	27	157	164	6.48		1.31	20	2.03	405	0.5
92EL121	14	398840	6093870	CHEMEX	0.1	4.63	8	240	2	0.17	0.25	21	108	49	5.48		1.22	10	1.63	360	0.5
92EL122	14	398660	6094220	CHEMEX	0.2	7.15	52	400	1	0.31	0.25	39	129	94	8.87		0.73	10	1.45	350	2
92EL123	14	398370	6095350	CHEMEX	0.1	4.84	8	180	4	0.22	0.25	21	130	76	5.24		0.68	10	1.73	330	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL074	1.87	52	10000	8	1	13	27	0.17	137	122
92EL075	1.75	64	5610	6	1	10	24	0.21	134	100
92EL076	0.94	59	2370	10	1	12	14	0.24	153	114
92EL077	1.24	45	4890	4	1	18	45	0.17	89	96
92EL078	1.29	65	4030	8	1	13	23	0.31	148	152
92EL079	1.11	50	1440	2	1	14	16	0.16	132	108
92EL080	1.97	74		28	44	10	24		129	130
92EL081	1.39	99	3580	8	1	10	43	0.18	129	116
92EL082	1.23	95	2780	4	1	11	38	0.19	167	122
92EL083	0.54	74	1160	6	1	9	24	0.22	112	106
92EL084	1.27	207		36	93	48	23		112	93
92EL085	0.95	49	1230	6	1	10	19	0.28	147	142
92EL086	0.90	53	1400	10	1	10	27	0.26	130	132
92EL087	1.19	105	1820	12	1	19	21	0.23	217	132
92EL088	0.65	51	1440	4	1	11	25	0.30	177	116
92EL089	1.20	124	1800	14	1	18	25	0.25	226	142
92EL090	1.41	74	2960	6	1	11	24	0.24	167	146
92EL091	1.21	60	2500	8	2	10	17	0.24	163	134
92EL092	1.10	62	1480	8	1	10	24	0.28	154	122
92EL093	1.41	107	1820	4	1	11	20	0.26	156	122
92EL094	1.52	81	3250	4	1	15	17	0.16	179	148
92EL095	0.86	116	2590	2	4	11	16	0.18	157	92
92EL096	1.10	164	1720	8	1	13	35	0.15	133	136
92EL097	1.32	66	5080	8	2	12	25	0.12	138	122
92EL098	1.05	47	1300	4	1	13	13	0.23	159	124
92EL099	0.64	48	670	4	1	10	27	0.26	121	124
92EL100	1.09	119	1720	6	1	11	19	0.24	158	146
92EL101	0.97	44	920	2	1	13	24	0.32	130	144
92EL102	1.01	38	2030	4	1	11	26	0.25	128	120
92EL103	1.39	26	7400	14	1	26	44	0.36	117	106
92EL104	1.33	63		25	48	12	20		104	224
92EL105	1.19	68	2350	10	1	13	27	0.29	111	106
92EL106	1.06	33	990	4	1	10	23	0.23	103	90
92EL107	1.21	60		28	38	12	23		96	106
92EL108	1.01	40	1390	12	1	12	14	0.31	165	186
92EL109	1.39	42	4130	12	1	11	12	0.18	112	96
92EL110	0.75	32	1290	4	1	11	13	0.25	114	104
92EL111	1.24	51		24	38	16	13		108	138
92EL112	0.85	36	2560	6	1	11	12	0.23	101	132
92EL113	1.28	29	5720	8	1	18	8	0.21	109	132
92EL114	0.73	25	780	2	1	11	18	0.19	116	112
92EL115	1.34	50	2910	10	6	11	26	0.23	114	122
92EL116	0.79	47	1650	10	2	11	21	0.25	139	190
92EL117	0.55	52	900	14	1	17	26	0.29	141	190
92EL118	0.58	46	700	8	1	15	70	0.29	130	180
92EL119	0.58	50	1060	10	1	15	26	0.22	99	124
92EL120	0.52	92	790	8	1	19	22	0.30	132	124
92EL121	0.66	46	900	6	1	14	11	0.30	120	122
92EL122	1.62	132	4430	8	1	14	26	0.28	159	108
92EL123	0.65	48	1190	6	1	15	9	0.27	115	108

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL124	14	398310	6096710	CHEMEX	0.1	4.26	14	380	4	0.46	0.25	23	129	88	5.53		1.01	30	1.96	450	0.5
92EL125	14	398020	6098050	CHEMEX	0.1	4.53	18	430	4	0.61	0.25	25	161	83	6.19		1.47	20	2.29	495	0.5
92EL126	14	398380	6098800	CHEMEX	0.1	7.05	38	270	2	0.15	0.25	31	186	115	8.37		0.65	10	1.67	340	9
92EL127	14	399800	6095570	CHEMEX	0.1	4.13	8	410	2	0.79	0.25	23	109	112	5.50		1.52	20	2.17	560	0.5
92EL128	14	399710	6096940	CHEMEX	0.1	3.41	2	300	2	0.61	0.25	19	85	63	4.34		0.72	20	1.47	410	0.5
92EL129	14	399220	6097970	CHEMEX	0.1	4.40	22	520	4	1.30	0.25	24	108	168	6.40		1.61	10	2.25	465	0.5
92EL130	14	397760	6099690	CHEMEX	0.1	4.73	8	260	2	0.31	0.25	20	107	29	4.66		1.10	10	1.60	335	0.5
92EL131	14	400490	6098980	CHEMEX	0.1	7.10	6	310	2	0.13	0.25	19	103	93	5.42		0.48	10	1.40	270	0.5
92EL132	14	399380	6099530	CHEMEX	0.1	5.73	14	260	1	0.25	0.25	21	105	65	5.40		1.08	5	1.72	380	1
92EL133	14	387510	6073940	CHEMEX	0.2	5.98	12	160	4	0.30	0.25	22	117	83	5.32		0.21	10	1.60	325	0.5
92EL134	14	387400	6072980	CHEMEX	0.1	7.57	38	200	4	0.20	0.25	25	89	136	4.93		0.15	10	1.04	215	2
92EL135	14	387450	6072030	CHEMEX	0.1	4.54	14	260	4	0.29	0.25	20	106	47	4.66		0.68	10	1.46	295	1
92EL136	14	387100	6071230	CHEMEX	0.1	7.26	40	270	1	0.19	0.25	20	85	164	5.77		0.35	10	1.35	240	0.5
92EL137	14	387090	6070280	CHEMEX	0.1	6.49	58	230	1	0.35	0.25	21	75	96	7.01		0.31	10	1.12	270	5
92EL138	14	386120	6069700	CHEMEX	0.2	6.19	16	260	1	0.28	0.25	28	140	105	4.84		0.42	5	1.62	300	0.5
92EL139	14	386310	6070630	BC-3	0.3	8.10	7	259	16	0.45	0.8	38	114	157	6.35	52	0.47	20	1.99	415	4
92EL140	14	386450	6071340	BC-3	0.4	6.33	3	230	15	0.43	1.3	31	99	152	5.83	46	0.61	21	1.99	439	6
92EL141	14	386590	6072350	CHEMEX	0.1	4.28	20	250	4	0.38	0.25	23	91	109	4.67		0.61	10	1.56	375	0.5
92EL142	14	386510	6073640	CHEMEX	0.2	5.25	12	210	4	0.30	0.25	19	113	78	4.87		0.48	10	1.60	305	0.5
92EL143	14	387120	6075870	CHEMEX	0.1	5.76	36	340	1	0.29	0.25	24	124	72	5.74		0.85	10	1.78	395	0.5
92EL144	14	386190	6075930	CHEMEX	0.1	7.59	14	250	4	0.27	0.25	22	112	147	6.39		0.51	10	1.51	365	0.5
92EL145	14	386400	6074950	CHEMEX	0.1	4.42	22	270	2	0.30	0.25	22	131	62	4.87		1.14	10	1.92	470	0.5
92EL146	14	387500	6074860	CHEMEX	0.1	4.93	8	330	4	0.27	0.25	21	140	80	5.27		1.23	10	1.87	445	0.5
92EL147	14	385260	6075430	CHEMEX	0.1	8.00	24	200	1	0.25	0.25	28	114	226	6.86		0.42	10	1.57	355	1
92EL148	14	385320	6074610	CHEMEX	0.2	5.98	14	350	2	0.31	0.25	22	122	82	5.15		0.72	10	1.71	365	0.5
92EL149	14	385050	6073530	CHEMEX	0.1	5.16	20	360	4	0.41	0.25	27	131	114	6.18		1.70	20	1.88	585	0.5
92EL150	14	384520	6072870	CHEMEX	0.1	5.44	8	320	4	0.43	0.25	29	129	204	5.59		1.30	10	1.95	520	0.5
92EL151	14	384430	6071280	CHEMEX	0.1	5.77	14	340	2	0.34	0.25	26	132	108	5.52		0.91	10	1.85	450	1
92EL152	14	384210	6072180	CHEMEX	0.1	6.81	24	180	2	0.22	0.25	19	87	116	5.30		0.26	10	1.34	310	0.5
92EL153	14	400480	6073230	CHEMEX	0.1	5.74	16	180	2	0.65	0.25	24	61	182	6.49		0.28	10	1.76	340	0.5
92EL154	14	399650	6072860	CHEMEX	0.1	7.74	38	200	1	0.73	0.25	49	69	353	8.17		0.35	10	1.69	535	1
92EL155	14	397460	6068490	CHEMEX	0.1	3.52	8	290	4	2.21	0.25	19	91	116	4.57		0.90	20	1.93	460	0.5
92EL156	14	395520	6094900	CHEMEX	0.1	7.55	32	350	4	0.25	0.25	25	118	125	6.10		0.74	20	1.64	375	1
92EL157	14	394890	6094230	CHEMEX	0.1	7.09	16	300	2	0.46	0.25	28	121	1805	5.54		0.85	20	1.68	330	0.5
92EL158	14	395480	6093080	CHEMEX	0.1	6.10	16	190	4	0.21	0.25	19	114	60	5.61		0.73	10	1.49	335	0.5
92EL159	14	392580	6094300	CHEMEX	0.1	3.99	32	200	2	0.14	0.25	17	58	112	4.15		0.27	5	0.78	180	1
92EL160	14	391790	6093400	CHEMEX	0.1	5.05	22	280	2	0.39	0.25	31	124	324	5.11		0.76	20	1.89	380	2
92EL161	14	391790	6092710	CHEMEX	0.1	4.59	14	390	6	0.39	0.25	23	113	95	5.39		0.69	30	1.67	380	0.5
92EL162	14	393160	6091700	CHEMEX	0.1	5.51	60	320	4	0.41	0.25	34	115	141	5.87		1.35	10	1.77	610	1
92EL163	14	394330	6091370	BC-3	0.5	5.66	8	343	15	0.32	2.5	33	93	152	5.84	51	0.61	25	1.66	402	5
92EL164	14	393880	6089890	CHEMEX	0.1	4.87	6	330	2	0.25	0.25	24	144	86	5.76		1.34	10	1.84	385	0.5
92EL165	14	392100	6070540	BC-3	0.3	8.59	5	172	12	0.40	1.4	31	62	122	4.56	156	0.21	18	1.17	288	8
92EL166	14	392690	6073880	BC-3	0.3	7.55	5	232	14	0.24	0.9	25	75	118	6.49	214	0.28	29	1.19	294	4
92EL167	14	391700	6075980	BC-3	0.4	8.51	3	144	10	0.14	0.6	12	85	40	3.56	45	0.23	25	1.11	225	2
92EL168	14	373290	6093700	CHEMEX	0.1	6.66	68	300	4	0.55	0.25	23	97	189	6.41		0.47	30	1.51	425	1
92EL169	14	373920	6094440	CHEMEX	0.1	7.57	40	250	2	0.31	0.25	23	104	120	5.41		0.25	10	1.37	285	0.5
92EL170	14	374700	6091240	CHEMEX	0.1	7.85	34	240	2	0.30	0.25	22	91	102	5.86		0.20	10	1.18	310	0.5
92EL171	14	375690	6092030	CHEMEX	0.1	6.87	110	230	2	0.40	0.25	20	72	136	5.61		0.28	10	1.24	420	1
92EL172	14	375790	6093680	CHEMEX	0.1	4.28	38	300	1	0.41	0.25	15	89	96	4.53		0.33	20	1.31	350	0.5
92EL173	14	377320	6093390	CHEMEX	0.1	4.74	26	160	1	0.18	0.25	9	49	83	2.87		0.09	10	0.59	145	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL124	0.54	57	750	8	1	17	24	0.27	123	120
92EL125	0.80	70	1040	6	1	18	24	0.27	142	134
92EL126	1.05	74	3040	20	1	15	9	0.26	169	116
92EL127	0.74	54	1020	6	1	19	25	0.27	118	186
92EL128	0.82	43	1040	6	1	14	25	0.19	95	104
92EL129	0.45	50	890	1	1	21	36	0.34	150	168
92EL130	0.60	50	930	8	1	11	24	0.25	100	130
92EL131	0.82	40	1860	8	1	15	10	0.23	97	100
92EL132	0.79	49	1270	6	1	14	15	0.29	122	118
92EL133	1.06	55	1770	14	1	12	16	0.25	128	110
92EL134	0.70	55	2100	18	1	9	24	0.18	95	70
92EL135	0.66	48	830	10	1	11	30	0.27	122	110
92EL136	0.91	43	1750	10	1	11	16	0.17	124	70
92EL137	1.12	36	2220	8	1	10	33	0.23	181	112
92EL138	0.99	67	1110	4	1	11	24	0.20	86	94
92EL139	1.29	75		32	37	12	31		117	106
92EL140	1.96	62		31	42	10	17		108	114
92EL141	0.74	50	790	10	1	12	24	0.20	106	100
92EL142	0.86	48	1510	6	1	11	16	0.29	106	108
92EL143	0.94	57	1230	8	1	14	15	0.31	137	128
92EL144	0.91	52	2950	14	4	15	16	0.25	123	106
92EL145	0.58	52	580	6	1	14	16	0.30	123	130
92EL146	0.67	57	640	10	1	15	16	0.34	123	134
92EL147	1.22	53	3130	16	1	20	12	0.31	144	110
92EL148	0.84	56	1290	8	1	14	15	0.24	125	114
92EL149	0.64	62	1200	12	1	16	29	0.30	134	158
92EL150	0.57	55	630	8	1	16	27	0.29	132	132
92EL151	0.84	59	930	10	1	14	20	0.26	128	122
92EL152	1.36	42	3480	14	1	11	11	0.22	109	102
92EL153	1.14	35	1980	12	1	16	28	0.13	159	88
92EL154	1.71	63	5300	18	1	19	16	0.25	190	92
92EL155	0.45	54	1220	6	1	12	51	0.16	82	136
92EL156	1.02	52	2230	14	1	16	15	0.32	130	112
92EL157	0.77	132	1600	2	1	16	23	0.24	105	124
92EL158	1.07	48	3480	14	1	12	18	0.26	115	128
92EL159	0.61	38	1900	12	2	8	7	0.16	89	62
92EL160	0.85	75	1080	6	1	13	22	0.29	119	146
92EL161	0.98	53	850	6	1	16	44	0.24	107	108
92EL162	0.58	65	830	14	1	13	25	0.26	115	150
92EL163	0.85	83		23	39	9	13		104	96
92EL164	0.74	60	860	6	1	12	15	0.38	137	134
92EL165	1.90	76		19	21	8	13		73	69
92EL166	1.60	53		25	31	8	15		94	100
92EL167	0.61	37		20	13	9	7		78	78
92EL168	0.05	51	490	8	1	14	49	0.29	126	94
92EL169	1.21	55	1360	12	1	11	42	0.23	109	86
92EL170	1.15	43	3300	6	1	10	28	0.26	114	90
92EL171	1.42	39	4510	16	1	9	36	0.23	97	92
92EL172	1.12	35	1120	6	1	10	45	0.21	90	84
92EL173	0.93	25	2580	6	4	6	13	0.14	47	40

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL174	14	379720	6092480	CHEMEX	0.1	4.41	14	100	2	0.06	0.25	6	38	63	1.89		0.19	10	0.49	105	0.5
92EL175	14	383620	6086700	CHEMEX	0.1	5.93	14	280	2	0.20	0.25	20	107	62	4.95		0.27	10	1.33	260	0.5
92EL176	14	384570	6087770	CHEMEX	0.1	5.45	20	320	4	0.40	0.25	26	130	108	6.51		1.47	20	1.95	540	0.5
92EL177	14	384770	6089080	CHEMEX	0.1	4.92	20	340	2	0.38	0.25	17	116	82	5.54		1.22	20	1.64	430	0.5
92EL178	14	395020	6082850	BC-3	0.5	6.69	5	321	15	0.30	2.0	39	108	133	6.45	55	0.81	22	1.93	501	4
92EL179	14	391440	6083600	CHEMEX	0.1	6.47	34	390	2	0.24	0.25	21	118	106	5.42		0.66	10	1.54	355	0.5
92EL180	14	385990	6083740	CHEMEX	0.1	9.40	20	430	4	0.10	0.25	25	115	145	6.48		0.30	10	1.21	270	1
92EL181	14	386800	6084710	CHEMEX	0.1	6.20	16	420	1	0.81	0.25	18	126	82	6.01		0.81	20	1.63	345	0.5
92EL183	14	404300	6101070	CHEMEX	0.1	5.74	8	220	2	0.49	0.25	24	70	160	6.14		0.93	5	1.91	390	0.5
92EL184	14	404330	6100470	CHEMEX	0.1	3.96	8	300	1	2.02	0.25	21	65	177	5.94		1.08	10	2.58	525	0.5
92EL185	14	402990	6100800	CHEMEX	0.1	5.62	2	590	2	0.57	0.25	26	153	178	6.40		1.66	20	2.15	455	0.5
92HJB1000	13	687475	6082000	CHEMEX	0.2	5.32	10	280	1	0.42	0.25	22	123	238	4.82	5	1.20	40	1.72	510	1
92HJB1001	13	686650	6084650	CHEMEX	0.2	7.89	1	360	2	0.09	0.25	23	159	141	5.14	30	0.68	30	1.60	240	2
92HJB1002	13	683450	6083860	CHEMEX	0.1	5.67	2	400	1	0.32	0.25	22	174	100	6.76	30	0.82	20	1.92	295	1
92HJB1003	13	673075	6083150	CHEMEX	0.1	8.99	1	170	1	0.24	0.25	18	130	75	5.51	50	0.46	30	1.40	275	1
92HJB1004A	13	669685	6082550	CHEMEX	0.1	5.27	1	270	2	0.28	0.25	22	155	80	5.45	20	0.97	20	2.01	400	1
92HJB1005A	14	311100	6080645	CHEMEX		8.06	234	250	2	0.36	0.25	41	304	142	8.06	50	0.93	10	2.50	585	0.5
92HJB1005B	14	311100	6080645	CHEMEX	0.1	6.35	2	470	4	0.70	0.25	30	465	144	6.29	40	1.37	20	4.17	545	1
92HJB1006	14	312850	6078675	CHEMEX	0.2	7.50	1	420	2	0.91	0.25	27	160	79	5.64	60	0.49	70	1.59	455	1
92HJB1007	14	312475	6075200	CHEMEX	0.2	7.14	42	170	4	0.24	0.25	26	460	155	6.13	140	0.45	20	2.25	325	1
92HJB1008	14	311650	6081425	CHEMEX	0.1	4.98	88	320	1	0.41	0.25	24	161	69	5.43	30	1.08	20	2.15	440	1
92HJB1009	14	315300	6080945	CHEMEX	0.1	4.46	18	290	1	0.88	0.25	29	171	269	5.81	5	1.33	30	2.55	565	1
92HJB1010	14	314050	6081200	CHEMEX	0.1	6.69	10	220	1	0.25	0.25	19	143	60	5.20	40	0.65	10	1.85	350	1
92HJB1011	14	307300	6078400	CHEMEX	0.2	6.78	20	350	1	0.54	0.25	29	144	337	6.81	100	0.59	40	1.54	1315	2
92HJB1012	14	309550	6077250	CHEMEX	0.1	6.02	4	350	4	0.51	0.25	25	145	238	5.74	40	0.85	30	1.50	525	1
92HJB1013	14	307125	6088275	CHEMEX	0.2	7.63	6	360	2	0.31	0.25	34	169	213	6.72	70	1.23	20	2.03	495	2
92HJB1014	13	692125	6086100	CHEMEX	0.1	6.69	30	320	2	0.24	0.25	22	149	67	6.62	50	1.01	20	1.69	450	3
92HJB1015A	13	692370	6085370	CHEMEX		5.54	22	330	4	0.37	0.25	24	186	146	5.78	30	0.92	20	2.19	445	0.5
92HJB1015B	13	692370	6085370	CHEMEX	0.1	5.15	18	170	2	0.25	0.25	19	133	54	5.18	20	0.74	10	1.72	340	1
92HJB1016	14	308100	6085100	CHEMEX	0.2	6.85	36	310	6	0.14	0.25	19	104	119	6.55	70	0.47	80	1.25	235	3
92HJB1017	14	309460	6083240	CHEMEX	0.2	8.90	10	140	4	0.14	0.25	17	129	130	5.59	100	0.25	30	1.35	270	2
92HJB1018	13	670305	6087650	CHEMEX	0.1	7.38	12	630	6	0.26	0.25	28	191	217	7.30	40	1.84	20	2.26	380	1
92HJB1019	13	670030	6086700	CHEMEX	0.1	6.68	10	300	4	0.29	0.25	34	148	89	6.48	40	0.61	10	1.62	355	5
92HJB1020	13	669645	6086165	CHEMEX	0.6	8.73	28	270	4	0.30	0.25	31	149	195	6.60	5	0.79	20	1.69	365	2
92HJB1021	13	668410	6085590	CHEMEX	0.1	6.90	1	410	6	0.23	0.25	27	194	83	7.24	40	1.43	10	2.14	345	3
92HJB1022A	13	668000	6083630	CHEMEX		7.74	2	320	4	0.28	0.25	32	162	212	6.80	50	0.99	20	1.87	390	2
92HJB1022B	13	668000	6083630	CHEMEX	0.2	7.57	6	330	2	0.35	0.25	34	155	153	6.29	5	1.05	10	1.80	355	1
92HJB1023	13	669320	6082150	CHEMEX	1.0	8.60	24	190	8	0.20	0.25	30	120	113	6.48	5	0.55	10	1.15	375	3
92HJB1024	13	664290	6083170	CHEMEX	0.1	7.38	16	380	4	0.33	0.25	38	157	183	6.20	50	1.32	10	1.91	410	3
92HJB1025A	13	690030	6079955	CHEMEX		5.48	14	230	2	0.65	0.25	24	127	122	6.46	20	0.90	30	2.10	765	0.5
92HJB1025B	13	690030	6079955	CHEMEX		5.41	2	240	6	0.45	0.25	24	140	136	6.65	40	1.04	30	2.01	655	0.5
92HJB1025C	13	690030	6079955	CHEMEX	0.1	4.81	1	200	1	0.37	0.25	22	156	78	5.79	20	1.20	20	2.17	470	1
92HJB1026	14	315110	6071280	CHEMEX	0.1	5.05	4	370	4	0.28	0.25	17	142	89	4.84	110	0.25	20	1.52	230	1
92HJB1027	14	312395	6072535	CHEMEX	0.2	5.50	1	440	1	0.55	0.5	28	163	229	5.95	160	0.90	20	1.97	765	1
92HJB1028	14	311180	6075365	CHEMEX	0.1	5.91	1	250	1	0.20	0.25	19	151	88	4.96	40	0.45	30	1.70	235	1
92HJB1029	13	686045	6079030	CHEMEX	0.1	7.45	4	260	6	0.32	0.25	23	168	118	5.70	50	0.74	20	1.85	385	1
92HJB1030	13	687395	6079170	CHEMEX	0.1	5.70	4	470	1	0.61	0.25	20	184	118	6.13	70	1.41	20	2.11	430	1
92HJB1031	13	688445	6078540	CHEMEX	0.1	6.78	1	310	2	0.44	0.25	27	291	200	5.19	30	0.83	30	2.58	460	1
92HJB1032	13	689750	6078590	CHEMEX	0.1	6.03	14	260	1	0.42	0.25	27	141	88	5.35	70	1.04	20	1.49	470	1
92HJB1033	13	675130	6080430	CHEMEX	0.2	8.69	28	550	1	0.63	0.25	28	185	228	6.86	100	0.68	40	1.58	345	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL174	0.70	18	4060	1	1	6	4	0.11	37	38
92EL175	1.16	43	1390	4	1	10	21	0.20	89	96
92EL176	0.57	60	880	8	1	16	31	0.32	121	154
92EL177	0.57	55	930	12	1	14	29	0.25	95	132
92EL178	1.89	93		28	39	11	14		105	124
92EL179	1.37	56	3040	12	1	12	16	0.29	112	118
92EL180	1.08	56	1830	14	1	14	15	0.24	123	104
92EL181	0.86	54	2430	4	1	19	31	0.27	107	130
92EL183	0.77	41	1000	6	1	16	16	0.27	130	112
92EL184	1.12	33	1120	4	1	21	23	0.24	125	134
92EL185	0.67	66	1140	10	1	21	16	0.39	160	172
92HJB1000	0.52	74	3790	4	1	18	14	0.24	114	130
92HJB1001	1.02	90	7100	16	1	16	12	0.24	127	160
92HJB1002	0.34	61	1040	6	1	19	21	0.35	170	104
92HJB1003	1.03	46	10000	18	1	15	10	0.07	123	122
92HJB1004A	0.40	67	1300	6	1	16	19	0.32	136	112
92HJB1005A	1.4	101	6530	6	1	23	13	0.10	250	126
92HJB1005B	1.11	102	4080	4	1	30	18	0.14	165	132
92HJB1006	0.32	64	2180	1	2	20	76	0.21	136	222
92HJB1007	0.65	130	3580	16	1	14	13	0.22	127	426
92HJB1008	0.25	62	560	1	1	19	23	0.37	139	118
92HJB1009	0.73	84	2860	1	1	21	24	0.12	140	156
92HJB1010	0.55	57	1650	16	2	13	20	0.24	111	122
92HJB1011	0.83	73	3350	20	1	29	30	0.13	128	364
92HJB1012	0.74	71	3300	12	1	19	20	0.22	118	98
92HJB1013	0.51	83	3820	2	1	21	12	0.28	151	134
92HJB1014	0.64	63	3110	12	4	17	18	0.29	158	128
92HJB1015A	0.34	68	1040	6	1	18	25	0.31	139	106
92HJB1015B	0.53	56	1960	8	1	12	21	0.25	116	116
92HJB1016	0.60	44	2060	12	1	12	11	0.12	107	202
92HJB1017	0.46	56	5540	12	1	19	8	0.27	126	170
92HJB1018	0.31	75	1200	8	1	24	25	0.41	186	132
92HJB1019	0.33	67	1500	12	1	14	14	0.29	157	130
92HJB1020	0.41	71	5710	18	1	19	20	0.28	128	92
92HJB1021	0.62	72	2370	1	1	19	14	0.38	195	124
92HJB1022A	0.75	79	3510	6	1	18	14	0.23	165	112
92HJB1022B	0.84	88	6460	12	1	18	14	0.07	149	110
92HJB1023	2.78	80	10000	12	1	11	16	0.15	129	110
92HJB1024	1.08	93	6900	1	1	18	13	0.07	154	126
92HJB1025A	0.58	45	1610	14	1	21	38	0.14	122	148
92HJB1025B	0.98	58	3150	10	1	22	24	0.18	140	140
92HJB1025C	0.87	58	2630	8	1	18	18	0.23	136	128
92HJB1026	0.67	52	1330	12	1	14	32	0.25	96	756
92HJB1027	1.13	72	5920	6	1	31	20	0.08	156	1118
92HJB1028	0.39	51	850	14	1	16	20	0.26	108	152
92HJB1029	0.47	53	1830	1	1	17	16	0.22	129	106
92HJB1030	0.51	66	1530	1	1	25	31	0.26	141	128
92HJB1031	0.99	91	4950	1	1	17	14	0.15	127	94
92HJB1032	1.33	80	9320	2	1	14	14	0.04	133	142
92HJB1033	0.54	77	1960	4	2	19	31	0.23	161	94

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB1034	13	676425	6079125	CHEMEX	0.1	8.43	1	280	2	0.43	0.25	27	225	142	5.89	80	0.62	20	1.98	340	3
92HJB1035	13	678350	6081120	CHEMEX	0.1	7.21	8	410	2	0.34	0.25	27	149	171	5.83	70	1.08	20	1.65	275	1
92HJB1036	13	679515	6078950	CHEMEX	0.1	6.18	30	320	14	0.34	0.25	34	156	160	7.10	40	0.74	20	1.57	515	3
92HJB1037	13	680540	6080490	CHEMEX	0.1	6.11	1	410	6	0.82	0.25	23	165	97	5.38	50	0.73	20	1.88	485	1
92HJB1038	13	681860	6079880	CHEMEX	0.1	6.52	20	230	8	0.31	0.25	26	126	96	5.77	40	0.74	10	1.53	460	1
92HJB1039	13	683640	6080240	CHEMEX	0.1	6.68	14	330	4	0.48	0.25	24	141	94	6.04	50	0.92	20	1.78	365	1
92HJB1040	13	685945	6077500	CHEMEX	0.1	6.43	4	250	8	0.19	0.25	18	130	56	4.93	30	0.16	20	1.42	215	1
92HJB1041	13	686740	6089930	CHEMEX	0.1	7.77	1	230	8	0.22	0.25	30	146	102	6.30	80	0.70	20	1.47	295	2
92HJB1042	13	685645	6088600	CHEMEX	0.1	7.89	1	170	6	0.16	0.25	20	134	109	6.08	70	0.55	20	1.57	335	1
92HJB1043A	13	684700	6087040	CHEMEX		7.48	54	180	2	0.18	0.25	22	119	96	6.14	60	0.57	10	1.37	280	3
92HJB1043B	13	684700	6087040	CHEMEX	0.1	7.15	42	170	6	0.17	0.25	22	125	78	6.04	50	0.53	10	1.41	250	2
92HJB1044	13	688230	6086440	CHEMEX	0.1	6.86	136	280	6	0.22	0.25	19	99	87	6.52	5	0.92	30	1.31	380	3
92HJB1045	14	312440	6071845	CHEMEX	0.1	5.65	26	240	2	0.45	0.25	25	159	277	6.01	130	1.04	30	1.97	630	1
92HJB1046	14	312950	6071425	CHEMEX	0.1	5.85	1	120	1	0.29	0.25	17	150	120	4.77	40	0.30	20	1.61	290	1
92HJB1047	13	687800	6080820	CHEMEX	0.1	6.81	4	230	8	0.41	0.25	22	159	193	6.67	50	0.74	20	1.65	520	1
92HJB1048	13	660550	6080305	CHEMEX	0.1	7.00	30	400	8	0.34	0.25	24	157	186	6.61	50	1.02	10	2.01	340	4
92HJB1049	14	313450	6076045	CHEMEX	0.2	5.34	92	470	6	0.46	0.25	23	134	172	5.93	50	1.19	30	1.77	520	1
92HJB1050	13	691160	6078895	CHEMEX	0.2	7.25	1	240	10	0.17	0.25	23	181	78	4.70	40	0.62	10	1.94	255	1
92HJB1051	14	315300	6080945	CHEMEX	0.2	4.91	1	440	10	0.42	0.25	19	157	117	6.01	20	2.11	20	2.23	490	1
92HJB2000	14	314175	6070150	CHEMEX	0.2	6.20	4	360	8	0.45	0.25	22	145	360	4.91	30	1.27	20	1.88	485	1
92HJB2001	14	311175	6063450	CHEMEX	0.1	5.58	6	370	8	0.48	0.25	28	164	271	5.88	30	0.91	20	2.23	645	1
92HJB2002	14	315875	6058330	CHEMEX	0.1	4.71	72	110	10	0.27	0.25	46	114	383	8.48	190	0.58	20	2.92	1165	1
92HJB2003	14	315550	6068665	CHEMEX	0.1	4.69	116	240	6	0.73	0.25	32	151	184	7.02	50	0.78	10	3.12	605	1
92HJB2004	14	307710	6056595	CHEMEX	0.1	4.87	4	250	2	0.30	0.25	19	146	93	5.35	20	0.90	10	1.95	360	1
92HJB2005	14	307775	6055360	CHEMEX	0.1	4.92	1	400	2	0.45	0.25	16	133	110	5.52	40	0.57	20	1.83	275	1
92HJB2006A	14	306770	6053380	CHEMEX		4.86	1	170	1	0.24	0.25	21	163	94	5.61	30	0.99	20	2.28	425	0.5
92HJB2006B	14	306770	6053380	CHEMEX	0.2	2.95	2	190	1	10.90	0.25	14	107	108	3.51	40	0.53	10	2.08	255	1
92HJB2007	13	691500	6063600	CHEMEX	0.1	4.42	1	400	10	0.46	0.25	22	168	124	5.49	20	1.83	20	2.41	500	1
92HJB2008	13	692525	6056525	CHEMEX	0.1	4.59	1	250	1	1.16	0.25	27	352	162	5.68	40	1.01	10	3.73	440	1
92HJB2009	13	693125	6055225	CHEMEX	0.1	3.59	1	120	2	0.42	0.25	48	77	263	5.96	130	0.69	30	1.69	355	1
92HJB2010	14	306580	6052440	CHEMEX	0.2	4.55	1	340	1	0.64	0.25	20	131	112	5.46	40	0.91	40	2.20	405	1
92HJB2011	13	691635	6046160	CHEMEX	0.1	4.00	8	260	4	1.25	0.25	22	147	125	5.24	50	1.01	20	2.63	440	1
92HJB2012	13	693775	6044510	CHEMEX	0.1	4.24	2	250	2	0.87	0.25	24	140	138	5.57	50	0.92	30	2.40	555	1
92HJB2013	14	306775	6043300	CHEMEX	0.2	2.73	8	180	4	5.93	0.25	24	99	125	3.76	60	0.57	30	4.05	430	1
92HJB2014	13	689075	6042875	CHEMEX	0.1	4.31	2	190	4	1.11	0.25	35	453	138	5.33	50	0.66	10	4.31	490	1
92HJB2015	13	686600	6043075	CHEMEX	0.1	5.46	6	270	4	0.37	0.25	32	231	96	6.59	30	1.35	20	2.75	605	1
92HJB2016	13	685250	6045050	CHEMEX	0.1	3.44	1	120	6	2.47	0.25	27	100	87	5.97	50	0.68	20	2.50	360	1
92HJB2017A	13	685390	6048790	CHEMEX		4.58	1	250	4	0.30	0.25	19	127	60	4.87	20	1.27	20	1.87	315	0.5
92HJB2017B	13	685390	6048790	CHEMEX	0.1	5.59	1	250	4	0.46	0.25	26	135	104	5.97	30	1.13	20	2.22	380	1
92HJB2018A	13	685260	6051625	CHEMEX		4.64	1	110	4	0.33	0.25	20	126	69	4.87	30	0.28	10	1.95	365	0.5
92HJB2018B	13	685260	6051625	CHEMEX	0.1	5.58	1	210	8	0.32	0.25	20	139	119	5.51	50	0.43	20	1.90	295	1
92HJB2019	13	686710	6053940	CHEMEX	0.1	1.97	42	150	2	15.00	0.25	15	67	113	2.70	80	0.19	5	1.80	210	1
92HJB2020	13	687750	6055685	CHEMEX	0.1	5.93	22	230	4	1.08	0.25	62	157	700	7.84	30	0.65	20	2.99	880	2
92HJB2021	14	311175	6043700	CHEMEX	0.1	3.53	8	160	1	3.65	0.25	26	104	124	5.05	90	0.70	20	2.94	490	1
92HJB2022	14	312255	6045920	CHEMEX	0.2	4.29	2	290	2	0.74	0.25	20	114	92	5.22	50	0.85	30	2.11	515	1
92HJB2023	14	313420	6045040	CHEMEX	0.1	4.57	1	150	1	0.67	0.25	21	124	131	5.09	210	0.55	30	2.54	495	1
92HJB2024	14	313000	6047785	CHEMEX	0.1	3.73	8	240	2	3.53	0.25	22	125	98	4.90	100	0.93	20	2.57	460	1
92HJB2025	14	313230	6049650	CHEMEX	0.1	3.74	20	220	1	0.52	0.25	27	98	120	5.44	80	0.68	30	2.01	510	1
92HJB2026A	13	680025	6049500	CHEMEX		3.97	1	400	6	4.47	0.25	24	266	100	5.09	30	1.55	20	2.78	345	0.5
92HJB2026B	13	680025	6049500	CHEMEX	0.1	4.47	1	450	8	1.91	0.25	31	319	145	6.06	40	1.80	20	3.24	460	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB1034	0.39	83	2040	8	1	15	25	0.26	130	104
92HJB1035	0.53	77	1530	4	4	16	20	0.24	118	116
92HJB1036	0.38	70	1640	8	1	15	16	0.26	149	98
92HJB1037	0.32	57	1490	4	4	20	39	0.24	111	122
92HJB1038	0.49	55	1670	4	4	14	16	0.22	126	88
92HJB1039	0.41	65	1210	12	1	16	35	0.24	135	114
92HJB1040	0.72	45	1580	10	1	13	16	0.19	104	132
92HJB1041	1.11	71	7130	16	1	17	11	0.08	134	118
92HJB1042	1.29	46	7490	18	1	16	9	0.06	132	98
92HJB1043A	1.19	51	6840	4	2	12	10	0.10	138	96
92HJB1043B	1.23	50	7170	4	1	12	10	0.09	137	86
92HJB1044	0.51	51	2620	14	1	16	13	0.29	110	170
92HJB1045	1.12	81	5480	14	4	23	22	0.07	128	170
92HJB1046	0.72	52	4230	6	1	13	18	0.19	107	244
92HJB1047	1.00	61	4390	12	1	25	17	0.12	142	132
92HJB1048	0.32	70	1830	10	2	18	16	0.36	164	128
92HJB1049	0.41	73	1130	4	1	19	33	0.21	122	136
92HJB1050	0.92	68	3500	12	1	14	12	0.20	92	182
92HJB1051	0.27	75	930	10	2	20	24	0.36	140	172
92HJB2000	0.68	70	3460	8	1	17	32	0.28	109	618
92HJB2001	0.49	74	1680	4	1	22	25	0.30	137	206
92HJB2002	1.11	66	6870	2	2	33	12	0.08	151	214
92HJB2003	0.53	65	1600	2	4	22	23	0.12	150	136
92HJB2004	0.36	67	810	8	1	15	32	0.20	113	108
92HJB2005	0.45	51	1620	6	2	18	49	0.14	106	90
92HJB2006A	0.9	59	3680	1	1	17	15	0.15	108	94
92HJB2006B	0.96	32	4580	6	2	11	120	0.08	70	60
92HJB2007	0.56	71	1630	1	1	18	22	0.31	137	150
92HJB2008	0.55	101	1550	1	1	20	42	0.16	112	94
92HJB2009	0.30	46	1580	6	2	23	12	<0.01	50	52
92HJB2010	0.47	60	1440	2	2	18	42	0.13	107	102
92HJB2011	0.63	59	2130	2	4	16	27	0.15	113	106
92HJB2012	0.80	67	2450	4	1	17	26	0.20	116	118
92HJB2013	0.28	52	1340	2	2	9	38	0.09	68	82
92HJB2014	0.51	170	1340	1	1	24	16	0.11	109	74
92HJB2015	0.67	102	2750	1	4	23	16	0.27	149	112
92HJB2016	0.91	61	4110	2	1	18	20	0.08	123	74
92HJB2017A	0.68	59	3140	1	1	16	29	0.20	117	110
92HJB2017B	0.51	65	1810	1	1	23	33	0.22	138	114
92HJB2018A	0.65	54	2330	1	1	15	19	0.24	133	94
92HJB2018B	1.21	59	4400	1	2	21	23	0.18	127	92
92HJB2019	0.19	30	1230	1	2	9	198	0.11	81	36
92HJB2020	0.36	180	1870	1	2	29	37	0.40	216	102
92HJB2021	0.55	55	1970	1	1	14	29	0.09	92	86
92HJB2022	0.27	65	1520	1	4	15	31	0.19	102	122
92HJB2023	0.62	77	3850	1	2	24	16	0.11	97	96
92HJB2024	0.53	53	2120	1	2	15	21	0.19	106	104
92HJB2025	0.33	55	1370	1	1	16	20	0.12	99	100
92HJB2026A	0.37	94	1310	1	2	17	95	0.30	141	118
92HJB2026B	0.25	122	1030	1	1	20	56	0.35	161	140

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB2027	13	677650	6048900	CHEMEX	0.1	4.72	4	230	6	0.36	0.25	30	168	90	6.32	20	1.10	20	2.50	530	1
92HJB2028	13	684425	6055400	CHEMEX	0.2	2.94	90	300	2	6.93	0.25	29	102	96	4.21	60	0.76	10	1.98	410	1
92HJB2029	14	310725	6049600	CHEMEX	0.1	3.44	16	180	2	3.02	0.25	21	106	162	4.63	80	0.70	30	3.45	475	1
92HJB2030	14	309800	6047950	CHEMEX	0.1	3.54	14	190	2	6.58	0.25	24	123	160	4.81	40	0.58	20	2.92	410	1
92HJB2031	14	309150	6046050	CHEMEX	0.1	3.35	18	200	1	2.51	0.25	24	118	125	4.51	40	0.84	20	2.86	420	1
92HJB2032A	14	307625	6044825	CHEMEX		4.14	2	260	4	0.90	0.25	19	128	108	5.22	70	1.06	40	2.01	445	0.5
92HJB2032B	14	307625	6044825	CHEMEX	0.2	4.06	1	300	4	0.70	0.25	17	120	76	4.73	40	1.16	30	2.05	370	1
92HJB2033	13	686050	6059375	CHEMEX	0.1	4.29	1	220	2	0.25	0.25	22	117	42	4.73	30	1.06	20	1.87	375	1
92HJB2034	13	684000	6058150	CHEMEX	0.1	5.45	22	250	4	0.36	0.25	22	180	184	6.39	130	0.71	20	2.29	345	1
92HJB2035	13	686500	6063350	CHEMEX	0.2	3.65	82	240	10	0.50	0.25	37	106	191	7.56	160	0.70	20	1.80	640	2
92HJB2036A	13	691200	6064900	CHEMEX		4.62	6	300	6	0.27	0.25	22	150	70	4.76	30	1.12	10	1.77	465	0.5
92HJB2036B	13	691200	6064900	CHEMEX		3.76	12	320	1	0.39	0.25	19	157	124	4.96	30	1.46	30	2.05	410	0.5
92HJB2036C	13	691200	6064900	CHEMEX	0.1	3.59	18	350	2	0.48	0.25	21	204	163	4.87	50	1.22	30	2.15	510	1
92HJB2037A	14	310715	6056350	CHEMEX		5.43	20	350	1	0.50	0.25	28	203	151	6.08	50	0.69	20	2.47	420	1
92HJB2037B	14	310715	6056350	CHEMEX	0.1	4.24	28	290	1	0.63	0.25	29	150	243	5.74	130	0.73	70	2.36	545	1
92HJB2038A	14	310280	6055230	CHEMEX		4.83	26	310	1	0.27	0.25	23	150	118	5.99	40	1.27	40	2.15	575	1
92HJB2038B	14	310280	6055230	CHEMEX	0.1	3.37	12	340	1	3.21	0.25	18	119	71	4.27	30	1.03	30	2.40	445	1
92HJB2039	14	308570	6054825	CHEMEX	0.1	4.68	16	370	1	0.47	0.25	25	158	88	6.12	40	0.79	40	2.32	645	1
92HJB2040	13	687800	6052500	CHEMEX	0.1	6.39	12	170	1	0.55	0.25	33	339	151	6.14	20	0.23	20	3.62	425	1
92HJB2041	13	686400	6050720	CHEMEX	0.1	4.66	14	200	4	0.31	0.25	22	164	40	4.60	20	0.50	10	2.09	345	1
92HJB2042A	13	684490	6066000	CHEMEX		5.48	36	130	1	0.24	0.25	26	275	75	5.58	5	0.44	20	2.08	485	2
92HJB2042B	13	684490	6066000	CHEMEX	0.1	3.75	20	130	1	0.42	0.25	39	949	54	4.91	120	0.46	10	5.76	525	1
92HJB2043	13	681475	6067195	CHEMEX	0.1	4.95	12	460	1	0.52	0.25	44	844	114	6.76	160	1.06	120	6.25	575	1
92HJB2044	13	679400	6070775	CHEMEX	0.1	5.95	40	250	1	0.27	0.25	30	188	131	6.37	50	0.71	20	1.89	590	1
92HJB2045	13	677805	6070455	CHEMEX	0.1	6.37	12	400	2	0.15	0.25	27	205	89	7.35	20	1.81	20	2.61	405	2
92HJB2046	13	679100	6068525	CHEMEX	0.1	4.82	42	210	4	0.19	0.25	24	128	55	5.25	20	1.03	20	1.76	435	1
92HJB2047	13	677625	6067105	CHEMEX	0.1	4.98	220	300	1	0.20	0.25	30	176	108	6.82	30	1.53	30	2.24	550	2
92HJB2048	13	676050	6067860	CHEMEX	0.2	5.15	398	270	2	0.41	0.25	22	199	265	9.42	150	0.96	30	2.51	340	4
92HJB2049A	13	676560	6065775	CHEMEX		4.19	70	180	1	0.22	0.25	24	152	49	5.17	40	0.83	10	1.92	430	1
92HJB2049B	13	676560	6065775	CHEMEX	0.2	4.63	228	340	1	0.43	0.25	22	154	147	7.04	90	0.95	30	2.06	415	2
92HJB2050	13	674395	6067025	CHEMEX	0.1	4.34	16	360	2	0.50	0.25	23	148	243	5.61	50	1.17	30	2.08	455	1
92HJB2051A	13	676400	6064050	CHEMEX		4.89	130	290	1	0.23	0.25	29	171	83	6.29	60	1.54	20	2.27	470	1
92HJB2051B	13	676400	6064050	CHEMEX	0.2	4.85	220	380	2	0.29	0.25	30	180	151	6.93	290	1.36	30	2.36	590	2
92HJB2052	13	674900	6063945	CHEMEX	0.1	5.45	44	350	4	0.30	0.25	37	218	136	7.34	40	1.56	10	2.43	490	4
92HJB2053	13	673625	6062475	CHEMEX	0.1	6.46	42	280	4	0.22	0.25	30	182	117	6.71	30	1.07	10	2.48	415	2
92HJB2054	13	675500	6061475	CHEMEX	0.6	6.14	598	300	1	0.29	0.25	39	139	555	10.30	210	0.98	40	1.99	940	11
92HJB2055	13	672330	6061150	CHEMEX	0.1	7.54	22	370	1	0.44	0.25	27	204	139	5.77	60	0.92	10	2.26	295	1
92HJB2056	13	672265	6055000	CHEMEX	0.1	4.77	16	260	4	0.24	0.25	22	152	61	5.37	30	1.10	20	2.15	405	1
92HJB2057	13	672060	6058275	CHEMEX	0.1	6.00	14	200	1	0.22	0.25	24	184	78	5.12	50	0.81	20	2.28	285	1
92HJB2058	13	674155	6059630	CHEMEX	0.1	5.43	166	360	1	0.28	0.25	37	167	128	7.74	50	1.32	20	2.28	575	4
92HJB2059	13	674680	6057075	CHEMEX	0.1	6.54	16	530	1	0.30	0.25	25	220	130	7.29	30	1.51	20	2.70	385	1
92HJB2060	13	679150	6056530	CHEMEX	0.1	6.24	16	170	1	0.49	0.25	33	262	179	6.90	50	0.17	10	3.44	440	1
92HJB2061	13	676475	6056630	CHEMEX	0.1	5.71	36	490	2	0.31	0.25	32	212	98	6.60	20	1.97	20	2.69	590	1
92HJB2062	13	677535	6058835	CHEMEX	0.1	5.41	40	380	1	0.21	0.25	30	175	109	6.46	30	1.00	20	2.39	630	3
92HJB2063A	13	677900	6060885	CHEMEX		5.23	26	280	1	0.33	0.25	24	164	78	5.48	20	1.13	10	2.15	320	0.5
92HJB2063B	13	677900	6060885	CHEMEX	0.1	5.65	20	430	1	0.44	0.25	24	182	146	6.40	70	1.13	40	2.30	365	1
92HJB2064	13	680565	6058435	CHEMEX	0.1	6.78	20	620	1	0.35	0.25	30	230	202	7.94	30	2.57	10	3.00	485	1
92HJB2065	13	682540	6059450	CHEMEX	0.1	5.70	26	300	1	0.44	0.25	38	212	105	6.64	30	1.05	10	2.52	600	1
92HJB2066	13	690850	6055950	CHEMEX	0.1	3.32	2	250	1	9.86	0.25	17	178	61	3.05	20	0.85	20	2.33	270	1
92HJB2067A	13	689530	6053650	CHEMEX		4.30	4	150	1	0.35	0.25	26	155	67	5.63	20	0.90	20	2.43	500	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2027	0.51	75	2980	1	1	17	21	0.23	140	108
92HJB2028	0.30	52	1480	4	1	12	140	0.16	97	88
92HJB2029	0.48	55	1700	2	4	13	25	0.12	90	106
92HJB2030	0.37	52	2010	1	2	16	45	0.12	110	84
92HJB2031	0.82	60	3740	1	1	13	25	0.13	94	98
92HJB2032A	0.40	76	2210	1	1	18	31	0.18	104	116
92HJB2032B	0.17	62	1220	2	4	15	31	0.19	108	120
92HJB2033	0.84	56	2940	1	1	15	18	0.18	106	154
92HJB2034	0.56	87	1490	1	1	31	42	0.15	124	108
92HJB2035	0.16	76	1000	2	2	26	24	0.17	129	90
92HJB2036A	0.21	67	860	1	1	12	20	0.27	110	92
92HJB2036B	0.85	67	3100	1	4	16	19	0.11	120	124
92HJB2036C	0.39	78	920	1	1	15	26	0.20	94	126
92HJB2037A	0.31	92	800	1	1	21	37	0.28	139	112
92HJB2037B	0.20	104	1050	1	1	19	38	0.10	102	146
92HJB2038A	1.10	78	3960	2	2	19	25	0.20	139	140
92HJB2038B	0.26	55	1000	1	1	13	69	0.20	102	120
92HJB2039	0.53	79	1690	1	2	19	28	0.21	126	118
92HJB2040	0.21	109	740	1	1	25	27	0.23	148	84
92HJB2041	0.23	73	560	2	1	13	25	0.22	112	150
92HJB2042A	2.05	103	10000	2	2	10	17	0.07	108	78
92HJB2042B	1.57	314	10000	16	1	8	28	0.09	90	302
92HJB2043	0.68	360	2630	1	1	42	51	0.16	137	76
92HJB2044	1.12	92	8750	1	1	12	20	0.17	127	126
92HJB2045	0.55	78	2760	1	1	21	13	0.41	178	148
92HJB2046	0.91	61	4540	2	1	13	21	0.19	116	134
92HJB2047	0.88	80	3980	1	1	18	16	0.21	133	122
92HJB2048	1.24	95	4650	1	4	35	20	0.17	210	82
92HJB2049A	0.45	61	1670	1	2	13	18	0.20	116	118
92HJB2049B	0.20	78	1110	1	2	19	31	0.12	123	118
92HJB2050	0.83	73	2700	1	1	18	27	0.20	137	128
92HJB2051A	0.67	72	2250	2	2	18	23	0.23	141	154
92HJB2051B	0.71	82	2990	1	1	22	22	0.19	145	208
92HJB2052	0.44	90	1320	1	1	21	21	0.28	185	114
92HJB2053	0.89	89	4510	1	1	20	13	0.23	155	146
92HJB2054	0.50	88	2680	10	2	25	20	0.18	170	152
92HJB2055	0.55	97	1510	1	1	17	22	0.27	134	118
92HJB2056	0.74	63	2300	1	1	16	21	0.29	133	120
92HJB2057	0.89	79	3770	1	1	16	14	0.27	128	114
92HJB2058	0.31	82	1030	1	2	19	21	0.27	155	118
92HJB2059	0.29	80	620	1	1	23	20	0.46	187	152
92HJB2060	0.27	113	1150	1	4	25	28	0.16	176	102
92HJB2061	0.30	82	930	4	1	20	22	0.38	168	148
92HJB2062	0.86	74	3480	1	1	16	24	0.24	139	116
92HJB2063A	0.24	68	720	2	2	15	29	0.21	111	110
92HJB2063B	0.43	78	1260	4	1	23	36	0.22	127	120
92HJB2064	0.23	90	740	1	1	28	22	0.42	197	188
92HJB2065	0.33	86	1060	1	4	17	31	0.26	147	108
92HJB2066	0.61	61	2550	1	1	15	418	0.15	72	152
92HJB2067A	0.51	62	1960	1	2	15	19	0.26	149	120

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB2067B	13	689530	6053650	CHEMEX	0.1	4.02	16	320	2	3.74	0.25	22	154	127	5.08	20	1.37	20	2.92	440	1
92HJB2068A	13	690225	6051700	CHEMEX		4.69	1	230	4	0.45	0.25	34	295	89	5.78	20	0.87	10	3.07	655	0.5
92HJB2068B	13	690225	6051700	CHEMEX	0.1	5.29	16	260	4	0.39	0.25	33	339	167	6.75	40	0.86	30	3.18	615	1
92HJB2069A	13	689450	6061525	CHEMEX		6.05	1	220	1	0.32	0.25	28	206	141	5.38	40	0.91	10	2.14	435	1
92HJB2069B	13	689450	6061525	CHEMEX	0.1	4.49	62	230	8	0.57	0.25	41	301	575	6.72	40	0.99	30	3.52	600	3
92HJB2070	13	689135	6061985	CHEMEX	0.1	5.90	40	290	1	0.57	0.25	56	314	203	6.97	40	0.59	10	3.69	635	1
92HJB2071	13	689150	6062025	CHEMEX		3.24	24	220	1	2.65	0.25	33	236	112	4.53		0.48	5	3.64	540	0.5
92HJB2072	14	313420	6068250	CHEMEX	0.6	6.23	16	380	1	0.50	0.25	23	235	759	5.51		0.65	60	2.00	375	0.5
92HJB2073	14	314725	6065300	CHEMEX	0.2	3.96	1	270	1	0.37	0.25	39	301	43	5.24		0.91	10	3.14	600	2
92HJB2075	14	313080	6063260	CHEMEX	0.1	6.41	8	290	1	0.24	0.25	22	171	97	5.45		0.54	30	1.73	375	6
92HJB2076	13	690900	6060375	CHEMEX		4.53	4	280	1	0.23	0.25	23	207	105	5.93		0.85	40	2.16	555	0.5
92JC0001	13	633000	6119250	CHEMEX	0.2	6.60	2	320	4	0.16	0.25	24	250	364	6.42	40	1.18	20	2.01	295	19
92JC0007	13	634600	6114150	CHEMEX	0.1	5.76	1	250	2	0.14	0.25	24	226	43	5.64	40	0.98	5	2.47	315	0.5
92JC0009	13	636475	6111535	CHEMEX	0.1	7.90	6	190	2	0.17	0.25	24	209	96	5.98	40	0.45	20	2.20	280	0.5
92JC0011	13	637225	6108340	CHEMEX	0.1	6.06	1	270	1	0.19	0.25	31	268	94	6.12	40	0.75	5	2.24	330	0.5
92JC0013	13	637180	6102325	CHEMEX	0.1	5.87	4	330	2	0.27	0.25	38	257	143	7.40	30	1.06	30	2.84	1530	0.5
92JC0015	13	638150	6101150	CHEMEX	0.1	5.75	8	460	4	0.26	0.25	18	177	92	6.02	30	1.58	20	2.20	335	0.5
92JC0018	13	641100	6099360	CHEMEX	0.1	5.38	8	530	2	0.32	0.25	25	202	196	6.85	30	1.54	50	2.45	485	0.5
92JC0020	13	642475	6097775	CHEMEX	0.1	5.55	10	480	6	0.23	0.25	28	225	173	6.38	30	1.78	20	2.57	365	0.5
92JC0022	13	644500	6093260	CHEMEX	0.1	8.21	18	210	1	0.14	0.25	27	173	88	5.69	60	0.74	40	1.70	235	1
92JC0024	13	645225	6091670	CHEMEX	0.1	5.87	12	560	4	0.25	0.25	28	227	145	6.67	30	1.94	20	2.79	360	0.5
92JC0027	13	645000	6088560	CHEMEX	0.1	4.91	14	330	4	0.42	0.25	27	177	149	5.55	20	1.66	30	2.20	475	0.5
92JC0029	13	643640	6085640	CHEMEX	0.1	6.12	8	580	10	0.22	0.25	33	280	146	6.87	30	2.26	20	3.19	325	0.5
92JC0031	13	642410	6080025	CHEMEX	0.1	5.75	8	250	2	0.27	0.25	24	193	109	6.21	20	1.24	30	2.08	325	0.5
92JC0035	13	639800	6090130	CHEMEX	0.1	4.51	1	220	1	0.30	0.25	20	150	50	5.04	20	0.98	20	1.90	300	0.5
92JC0037	13	634500	6069150	CHEMEX	0.1	5.98	8	140	1	0.43	0.25	22	151	141	5.60	20	0.45	30	1.74	310	0.5
92JC0039	13	639175	6075730	CHEMEX	0.2	5.77	2	210	2	0.61	0.25	18	129	122	3.63	20	0.78	60	1.46	305	0.5
92JC0041	13	630610	6066175	CHEMEX	0.1	4.78	4	240	4	0.39	0.25	26	174	92	5.52	20	1.24	20	1.96	470	0.5
92JC0043	13	637850	6061125	CHEMEX	0.2	3.95	1	360	6	2.29	0.25	24	250	93	4.64	20	1.40	30	2.89	500	0.5
92JC0045	13	634020	6064020	CHEMEX	0.1	5.59	10	600	2	0.36	0.25	29	251	132	7.31	20	2.59	30	3.23	530	0.5
92JC0047	13	643865	6078050	CHEMEX	0.1	5.38	6	280	2	0.22	0.25	24	154	84	5.37	20	1.14	20	2.03	395	0.5
92JC0049	13	646760	6077800	CHEMEX	0.1	4.86	18	380	6	0.34	0.25	26	152	143	5.81	40	1.41	30	2.05	505	0.5
92JC0051	13	655720	6079510	CHEMEX	0.1	3.79	18	190	4	0.31	0.25	21	132	57	4.48	40	0.82	20	1.80	330	0.5
92JC0052	13	655720	6079510	CHEMEX	0.1	4.15	18	240	2	0.35	0.25	22	144	71	4.72	40	0.82	20	1.94	330	0.5
92JC0054	13	659375	6080830	CHEMEX	0.1	6.49	20	280	6	0.33	0.25	26	225	73	5.36	40	0.87	20	2.23	280	0.5
92JC0056	13	658840	6082330	CHEMEX	0.1	5.28	12	600	6	0.86	0.25	48	250	268	7.01	50	1.34	30	2.85	670	0.5
92JC0060	13	651450	6077080	CHEMEX	0.1	5.70	12	160	1		0.25	28	152	176			0.78	20	1.44	490	4
92JC0062	13	632175	6117650	CHEMEX	0.6	7.54	20	170	6	0.12	0.25	17	99	42	6.67	140	0.21	5	0.62	165	1
92JC0066	13	642765	6082160	CHEMEX	0.1	6.69	6	580	2	0.17	0.25	35	298	153	7.13	30	2.58	5	3.36	280	0.5
92JC0068	13	648775	6076600	CHEMEX	0.1	5.96	1	240	1	0.36	6.5	20	134	3274	5.83	70	1.30	40	2.09	635	1
92JC0069	13	688865	6042365	CHEMEX	0.1	4.52	14	210	4	2.88	0.25	30	324	163	5.46	60	0.88	5	5.10	515	0.5
92JC0071	13	687500	6040320	CHEMEX	0.1	5.93	14	200	2	0.60	0.25	34	273	146	6.20	60	0.46	20	3.96	640	0.5
92JC0073	13	684425	6035900	CHEMEX	0.1	6.38	6	260	6	0.46	0.25	25	192	32	5.21	40	0.65	20	2.44	395	0.5
92JC0075	13	685460	6038825	CHEMEX	0.1	4.08	8	280	1	2.47	0.25	23	181	99	5.05	50	1.10	20	3.86	430	0.5
92JC0077	13	686150	6041600	CHEMEX	0.1	5.37	10	280	1	0.34	0.25	30	224	56	6.18	30	1.40	5	2.78	515	0.5
92JC0078	13	686150	6041600	CHEMEX	0.1	5.41	12	400	10	0.47	0.25	30	221	116	6.53	40	1.46	20	2.90	550	0.5
92MOB0001	14	449581	6050986	CHEMEX	0.1	3.15	4	210	1	6.80	0.25	14	106	46	3.54	20	0.62	30	3.66	460	0.5
92MOB0005	14	488968	5989096	CHEMEX	0.2	2.06	4	70	4	5.69	0.25	18	55	30	2.43	110	0.20	10	4.16	380	1
92MOB0008	14	487175	5983781	CHEMEX	0.1	1.16	1	50	1	14.01	0.25	7	48	47	1.10	40	0.14	5	8.71	190	0.5
92MOB0019	14	496578	6059712	CHEMEX	0.1	3.69	4	360	1	7.53	0.25	22	156	113	4.20	50	0.86	40	2.47	520	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2067B	0.73	63	3390	1	1	17	115	0.23	136	126
92HJB2068A	0.31	135	1000	6	2	18	23	0.21	131	102
92HJB2068B	0.95	176	2590	1	1	27	21	0.19	140	104
92HJB2069A	0.89	162	4800	1	1	14	23	0.17	117	82
92HJB2069B	0.69	1413	2690	1	1	27	30	0.19	126	410
92HJB2070	0.41	291	1460	1	1	20	26	0.24	156	106
92HJB2071	1.66	246	3160	6	1	13	46	0.13	101	108
92HJB2072	1.12	94	1980	8	1	33	24	0.25	121	858
92HJB2073	1.62	151	3030	4	2	11	31	0.15	115	100
92HJB2075	1.30	71	3010	12	4	12	26	0.23	121	146
92HJB2076	1.07	69	1210	6	2	19	27	0.15	125	114
92JC0001	0.70	136	2460	18	2	16	12	0.32	160	124
92JC0007	0.49	118	1930	14	1	13	14	0.32	120	128
92JC0009	0.69	101	4310	12	2	14	8	0.33	127	114
92JC0011	0.83	120	3400	6	1	12	10	0.18	150	100
92JC0013	0.75	260	3810	18	1	20	12	0.22	140	114
92JC0015	0.59	93	2440	14	1	21	32	0.27	122	134
92JC0018	0.69	141	2260	6	2	20	30	0.30	156	134
92JC0020	0.65	112	1670	14	2	21	22	0.35	174	150
92JC0022	0.80	86	7090	2	1	14	8	0.28	140	94
92JC0024	0.49	97	1780	6	1	22	26	0.38	182	154
92JC0027	0.58	86	2070	14	1	19	14	0.30	140	132
92JC0029	0.58	107	1420	12	4	23	18	0.45	225	172
92JC0031	0.70	73	2460	20	1	18	15	0.15	170	112
92JC0035	0.49	57	2070	6	4	14	21	0.28	128	98
92JC0037	0.61	65	2740	18	4	13	15	0.31	144	84
92JC0039	0.62	67	5880	12	2	15	14	0.20	91	78
92JC0041	0.61	76	2270	12	1	16	12	0.35	130	94
92JC0043	0.49	96	1780	8	1	15	62	0.26	110	156
92JC0045	0.50	108	1370	8	4	24	23	0.45	192	192
92JC0047	0.47	70	1770	12	2	16	19	0.33	146	116
92JC0049	0.73	78	2130	8	1	19	23	0.26	143	142
92JC0051	0.53	52	1370	6	4	14	21	0.30	124	100
92JC0052	0.56	56	1300	14	2	15	26	0.32	123	102
92JC0054	0.60	81	3310	12	1	16	17	0.28	139	100
92JC0056	0.93	110	1960	16	1	25	29	0.16	188	152
92JC0060	3.84	84	10000	12	1	12	14	0.02	110	292
92JC0062	1.55	48	10000	24	1	8	12	0.19	127	116
92JC0066	0.62	117	1290	2	12	22	17	0.45	229	186
92JC0068	2.07	57	10000	12	1	34	14	0.02	122	10000
92JC0069	0.59	128	2490	10	4	22	18	0.12	117	92
92JC0071	0.69	86	2860	12	2	29	16	0.15	146	92
92JC0073	0.49	82	2670	6	1	16	17	0.18	110	282
92JC0075	0.39	71	1750	16	4	18	22	0.19	121	102
92JC0077	0.39	85	1850	10	2	17	16	0.33	161	126
92JC0078	0.47	87	1960	14	4	23	25	0.31	164	130
92MOB0001	0.43	49	1550	16	4	10	39	0.17	79	86
92MOB0005	0.91	33	3530	28	1	4	20	0.03	38	64
92MOB0008	0.32	30	1940	6	1	3	40	0.03	26	22
92MOB0019	0.53	91	2050	12	1	14	62	0.21	100	88

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB0024	14	493549	6055649	CHEMEX	0.1	3.11	2	250	4	8.22	0.25	20	191	54	3.37	50	1.24	20	4.39	250	0.5
92MOB0027	14	493219	6055850	CHEMEX	0.1	2.66	1	200	1	8.39	0.25	16	114	70	3.49	40	0.67	30	2.44	490	0.5
92MOB0029	14	452837	6045904	CHEMEX	0.1	2.49	1	160	1	8.09	0.25	14	98	52	3.21	40	0.66	20	5.33	480	0.5
92MOB0032	14	448548	6035727	CHEMEX	0.1	1.94	1	150	1	11.30	0.25	8	70	52	1.93	40	0.47	5	7.10	230	0.5
92MOB0035	14	445619	6034922	CHEMEX	0.1	2.30	1	170	1	9.50	0.25	12	88	57	2.51	40	0.63	5	6.20	305	0.5
92MOB0039	14	447492	6035510	CHEMEX	0.1	2.16	1	150	1	11.74	0.25	9	78	45	2.35	30	0.47	20	6.14	315	0.5
92MOB0042	14	451250	6039200	CHEMEX	0.1	1.87	1	120	6	11.63	0.25	8	69	43	1.84	40	0.25	5	7.47	205	0.5
92MOB0045	14	450629	6039708	CHEMEX	0.1	3.13	1	180	1	5.63	0.25	15	104	55	3.56	20	0.79	20	4.66	420	0.5
92MOB0048	14	450100	6045550	CHEMEX	0.1	2.79	1	160	1	8.29	0.25	14	97	57	3.08	30	0.74	5	6.14	420	0.5
92MOB0053	14	449968	6059640	CHEMEX	0.1	6.90	6	370	2	0.41	0.25	19	127	44	5.33	40	0.61	30	1.74	315	0.5
92MOB0057	14	445872	6060150	CHEMEX	0.1	5.27	34	360	4	0.41	0.25	23	140	188	6.25	50	1.27	30	2.10	375	0.5
92MOB0060	14	445073	6061536	CHEMEX	0.1	4.56	104	260	2	0.35	0.25	24	66	265	6.54	50	0.90	60	2.28	445	1
92MOB0063	14	444010	6063119	CHEMEX	0.1	5.52	62	100	6	0.17	0.25	19	81	86	5.66	40	0.41	5	1.60	380	0.5
92MOB0067	14	450027	6047298	CHEMEX	0.1	2.10	1	110	1	12.84	0.25	10	68	54	2.15	30	0.42	5	6.57	345	0.5
92MOB0070	14	443205	6055708	CHEMEX	0.1	4.34	48	230	1	2.47	0.25	26	91	225	5.57	40	1.03	20	2.50	480	0.5
92MOB0073	14	436653	6054329	CHEMEX	0.1	3.73	78	180	2	3.44	0.25	22	68	216	4.87	40	0.91	20	3.51	435	0.5
92MOB0079	14	427408	6053204	CHEMEX	0.1	5.74	78	300	8	0.53	0.25	33	123	119	6.93	70	0.66	30	2.75	530	0.5
92MOB0082	14	427112	6053360	CHEMEX	0.1	4.14	58	260	6	5.94	0.25	19	97	91	5.10	50	0.62	5	4.97	400	0.5
92MOB0085	14	424796	6052367	CHEMEX	0.1	3.82	18	270	1	5.27	0.25	16	100	79	4.19	60	0.42	30	2.49	330	0.5
92MOB0089	14	424732	6051983	CHEMEX	0.1	2.67	42	200	1	11.46	0.5	17	74	100	2.94	50	0.38	10	1.71	245	0.5
92MOB0090	14	424098	6051745	CHEMEX	0.1	3.69	36	180	2	2.68	0.25	21	67	128	5.07	60	0.67	20	3.47	410	0.5
92MOB0093	14	423569	6051703	CHEMEX	0.1	3.96	308	240	2	1.29	0.5	32	91	194	6.11	70	1.02	20	2.43	565	0.5
92MOB0097	14	422294	6051508	CHEMEX	0.1	4.00	82	240	4	1.06	0.25	38	97	227	5.85	140	0.90	30	2.36	770	0.5
92MOB0101	14	421700	6051750	CHEMEX	0.1	3.47	48	200	1	6.88	0.25	24	83	178	4.41	90	0.63	20	2.46	350	0.5
92MOB0105	14	418023	6051261	CHEMEX	0.1	2.43	12	100	1	9.38	0.25	25	58	120	3.19	30	0.43	5	6.33	370	0.5
92MOB0108	14	416947	6050847	CHEMEX	0.1	2.02	12	100	6	9.98	0.25	26	68	113	2.82	50	0.36	5	5.85	445	0.5
92MOB0111	14	416002	6049524	CHEMEX	0.1	3.56	4	200	1	6.83	0.25	21	97	102	3.78	60	0.75	20	5.19	430	0.5
92MOB0114	14	416005	6050232	CHEMEX	0.1	2.32	6	120	1	10.94	0.25	21	70	88	2.83	50	0.41	5	4.79	390	0.5
92MOB0117	14	414429	6049579	CHEMEX	0.1	4.81	4	300	1	0.41	0.25	26	141	172	6.40	60	1.27	20	2.50	480	0.5
92MOB0121	14	413736	6048893	CHEMEX	0.1	5.33	6	220	1	0.94	0.25	32	143	220	6.48	50	0.94	20	3.17	505	0.5
92MOB0124	14	469913	5986124	CHEMEX	0.1	1.54	1	90	1	13.78	0.25	6	53	25	1.54	50	0.23	5	4.63	240	0.5
92MOB0127	14	473613	5983765	CHEMEX	0.1	1.40	1	80	1	11.88	0.25	6	47	21	1.38	60	0.18	5	6.83	225	0.5
92MOB0133	14	479925	5987750	CHEMEX	0.1	2.04	1	110	1	11.55	0.25	9	62	33	1.98	60	0.29	20	5.16	330	0.5
92MOB0136	14	484187	5984311	CHEMEX	0.1	1.12	1	60	1	13.09	0.25	4	33	16	0.91	60	0.13	5	8.67	160	0.5
92MOB0139	14	445097	6001910	CHEMEX	0.1	1.56	1	110	1	11.33	0.25	10	97	40	2.07	60	0.35	5	6.95	295	0.5
92MOB0145	14	437999	6002027	CHEMEX	0.1	2.68	2	180	1	8.42	0.25	14	92	39	3.23	60	0.44	20	2.97	370	0.5
92MOB0148	14	443035	6011620	CHEMEX	0.1	1.59	1	130	1	13.10	0.25	9	91	46	1.77	50	0.30	5	6.06	250	0.5
92MOB0151	14	460238	6017459	CHEMEX	0.1	2.67	1	140	1	6.65	0.25	15	143	63	3.09	50	0.53	30	5.77	295	0.5
92MOB0154	14	453458	6020735	CHEMEX	0.1	2.67	1	140	1	8.72	0.25	11	103	51	2.60	70	0.47	20	5.76	340	0.5
92MOB0157	14	444994	6020132	CHEMEX	0.1	2.28	1	120	1	9.85	0.25	14	105	65	2.70	60	0.41	20	5.30	320	0.5
92MOB0160	14	436664	6018105	CHEMEX	0.1	2.87	2	170	4	6.65	0.25	13	103	46	3.14	60	0.55	20	4.07	360	0.5
92MOB0163	14	441387	6027536	CHEMEX	0.1	2.36	2	170	1	9.50	0.25	11	110	47	2.46	50	0.70	20	5.80	285	0.5
92MOB0166	14	453410	6029461	CHEMEX	0.1	3.52	1	230	1	4.08	0.25	17	128	59	4.00	40	0.69	30	3.72	455	0.5
92MOB0169	14	460195	6031098	CHEMEX	0.1	3.05	1	190	1	7.89	0.25	12	115	65	2.85	50	0.68	5	5.41	250	0.5
92MOB0172	14	479828	6021839	CHEMEX	0.1	1.79	1	100	2	10.85	0.25	11	101	48	1.97	50	0.32	5	6.96	335	0.5
92MOB0175	14	480115	6015181	CHEMEX	0.1	1.76	1	70	1	11.17	0.25	7	60	20	1.77	70	0.21	5	7.69	275	0.5
92MOB0179	14	482162	6044295	CHEMEX	0.1	1.47	1	120	2	11.62	0.25	12	92	44	1.86	50	0.41	5	6.75	310	0.5
92MOB0182	14	490062	6063102	CHEMEX	0.1	2.89	2	170	2	5.59	0.25	17	111	67	3.51	60	0.54	40	3.66	480	0.5
92MOB0189	14	497967	6063672	CHEMEX	0.1	4.24	20	190	4	0.43	0.25	14	105	54	4.84	70	0.48	40	1.42	345	0.5
92MOB0192	14	499871	6122001	CHEMEX	0.1	6.50	1	390	2	0.17	0.25	31	298	175	6.25	40	1.98	5	2.72	265	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB0024	0.49	70	2050	4	1	13	32	0.15	113	72
92MOB0027	0.44	59	1570	12	4	10	66	0.19	77	80
92MOB0029	0.46	44	1960	8	1	8	37	0.16	69	68
92MOB0032	0.32	28	1410	4	2	6	26	0.13	53	42
92MOB0035	0.39	36	1520	4	4	7	27	0.16	65	56
92MOB0039	0.37	32	1480	8	1	7	35	0.13	57	54
92MOB0042	0.42	29	1570	1	1	5	26	0.10	46	34
92MOB0045	0.45	48	1690	6	4	9	31	0.18	76	88
92MOB0048	0.47	52	1760	6	1	8	28	0.17	70	68
92MOB0053	0.73	95	2810	8	2	13	30	0.18	95	102
92MOB0057	0.55	68	1900	16	2	20	18	0.29	141	140
92MOB0060	0.55	52	2720	16	1	21	19	0.08	113	152
92MOB0063	0.56	41	2270	2	2	12	14	0.11	100	104
92MOB0067	0.54	34	2770	6	2	6	34	0.05	47	44
92MOB0070	0.60	53	2720	14	1	16	27	0.14	108	144
92MOB0073	0.62	53	2920	4	2	13	18	0.10	83	140
92MOB0079	0.73	74	3580	12	1	31	13	0.13	130	84
92MOB0082	0.56	50	2160	6	2	20	28	0.10	95	62
92MOB0085	0.51	43	2570	14	1	13	29	0.17	85	88
92MOB0089	1.61	33	10000	8	2	8	35	0.04	58	60
92MOB0090	0.59	34	2170	1	2	17	17	0.09	98	94
92MOB0093	0.74	56	4020	2	2	16	16	0.09	116	152
92MOB0097	0.68	61	3540	10	2	16	17	0.15	110	136
92MOB0101	0.61	41	2520	1	2	11	38	0.11	81	98
92MOB0105	0.43	35	1780	14	2	9	25	0.07	82	68
92MOB0108	0.47	34	1750	12	1	8	29	0.09	56	58
92MOB0111	0.59	45	2900	4	1	13	21	0.14	87	80
92MOB0114	0.56	34	2900	12	1	9	28	0.09	62	56
92MOB0117	0.77	67	3070	6	2	24	13	0.21	149	134
92MOB0121	0.76	70	3020	8	2	26	12	0.15	143	110
92MOB0124	0.32	25	1610	4	2	4	46	0.07	31	30
92MOB0127	0.31	25	1180	6	1	4	41	0.06	29	24
92MOB0133	0.44	33	2440	8	2	6	54	0.08	37	42
92MOB0136	0.27	20	1140	4	1	3	35	0.03	21	14
92MOB0139	0.41	54	1890	6	1	6	42	0.06	46	38
92MOB0145	0.54	51	2780	14	2	8	79	0.12	68	76
92MOB0148	0.41	49	1610	2	1	5	45	0.11	42	36
92MOB0151	0.65	91	2540	8	1	10	26	0.15	62	60
92MOB0154	0.45	56	2450	14	1	7	31	0.12	54	54
92MOB0157	0.57	54	2290	6	2	8	35	0.12	59	50
92MOB0160	0.48	48	1600	6	1	8	39	0.15	67	72
92MOB0163	0.34	47	1450	4	1	7	31	0.15	64	58
92MOB0166	0.51	69	1750	8	2	11	34	0.17	82	96
92MOB0169	0.44	48	1670	8	2	9	28	0.17	73	66
92MOB0172	0.38	58	1560	6	1	6	33	0.08	42	38
92MOB0175	0.41	32	1590	12	4	4	30	0.07	34	32
92MOB0179	0.33	38	1240	1	2	6	29	0.09	41	34
92MOB0182	0.55	65	1690	14	2	10	41	0.16	73	72
92MOB0189	0.73	56	2160	14	1	15	32	0.13	74	84
92MOB0192	0.70	124	1760	12	1	20	13	0.28	243	202

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB0195	14	488359	6113447	CHEMEX	0.1	5.15	2	270	6	0.39	0.25	28	203	163	5.94	50	1.42	30	2.29	390	0.5
92MOB0204	14	444966	6103186	CHEMEX	0.1	6.05	8	200	6	0.14	0.25	22	134	83	5.95	40	0.94	20	1.91	375	0.5
92MOB0207	14	445149	6111767	CHEMEX	0.1	7.75	1	110	2	0.13	0.25	16	112	59	4.94	50	0.26	5	0.93	185	2
92MOB0210	14	445239	6118541	CHEMEX	0.1	5.57	1	220	4	0.13	0.25	22	152	159	5.14	50	1.03	20	1.73	195	0.5
92MOB0213	14	461601	6119604	CHEMEX	0.1	6.81	1	200	4	0.12	0.25	23	128	87	5.86	50	0.93	20	1.78	340	0.5
92MOB0216	14	464245	6112711	CHEMEX	0.1	6.70	10	270	6	0.17	0.25	26	226	132	5.71	60	0.70	5	1.73	250	0.5
92MOB0222	14	471618	6102102	CHEMEX	0.1	3.98	1	290	6	0.37	0.25	18	125	59	4.88	30	1.22	20	1.74	475	0.5
92MOB0228	14	457229	6074244	CHEMEX	0.1	6.08	8	180	1	0.13	0.25	16	113	67	4.41	40	0.43	20	1.38	255	0.5
92MOB0231	14	473950	6057628	CHEMEX	0.1	2.88	1	200	8	10.47	0.25	14	114	60	2.93	30	0.86	5	4.10	290	0.5
92MOB0234	14	460605	6055996	CHEMEX	0.1	3.52	1	310	2	7.00	0.25	19	131	80	4.13	30	1.10	20	2.39	435	0.5
92MOB0237	14	456780	6043730	CHEMEX	0.1	3.28	2	230	4	7.68	0.25	17	134	79	3.60	30	0.84	20	4.18	300	0.5
92MOB0240	14	444463	6046879	CHEMEX	0.1	1.77	1	80	1	11.60	0.25	9	47	30	1.92	30	0.30	5	7.78	445	0.5
92MOB0243	14	437296	6044050	CHEMEX	0.1	2.07	1	100	1	10.04	0.25	12	58	39	2.36	40	0.30	5	6.30	425	0.5
92MOB0246	14	447067	6037421	CHEMEX	0.1	1.31	1	80	1	12.41	0.25	7	43	33	1.69	40	0.34	5	6.86	330	0.5
92MOB0249	14	447067	6037421	CHEMEX	0.1	2.50	1	170	1	8.47	0.25	11	83	45	2.77	20	0.67	20	5.12	360	0.5
92MOB0251	14	414265	6048923	CHEMEX	0.1	3.61	12	180	1	6.79	0.25	22	103	131	4.02	60	0.66	5	4.92	430	0.5
92MOB0253	14	412243	6047565	CHEMEX	0.1	3.17	2	110	1	7.35	0.25	26	92	92	3.75	60	0.55	5	6.10	485	0.5
92MOB0256	14	407528	6044548	CHEMEX	0.1	2.59	1	110	1	9.13	0.25	17	76	53	3.10	50	0.47	5	6.44	485	0.5
92MOB0260	14	408137	6042729	CHEMEX	0.1	2.41	14	200	1	7.76	0.25	11	62	73	2.59	30	0.60	5	5.34	305	0.5
92MOB0263	14	409407	6043109	CHEMEX	0.1	2.78	10	200	1	7.86	0.25	13	61	73	2.58	20	0.61	20	5.55	320	0.5
92MOB0266	14	406262	6042259	CHEMEX	0.1	3.20	12	260	2	6.87	0.25	15	72	88	2.99	30	0.68	20	4.73	350	0.5
92MOB0290	14	440050	6097100	CHEMEX	0.1	5.46	2	100	4	0.25	0.25	15	108	63	4.78	30	0.22	20	1.31	220	1
92MOB0293	14	440050	6097100	CHEMEX	0.1	7.41	4	140	2	0.20	0.25	24	99	123	5.82	30	0.44	20	1.17	390	7
92MOB0294	14	437775	6104100	CHEMEX	0.1	6.42	8	410	2	0.43	0.25	24	172	182	6.09	70	1.26	30	2.04	325	0.5
92MOB0297	14	439449	6109142	CHEMEX	0.1	4.90	2	120	4	0.16	0.25	17	123	79	4.96	30	0.46	30	1.34	245	0.5
92MOB0300	14	456511	6119192	CHEMEX	0.1	5.24	1	280	4	0.41	0.25	20	157	106	6.18	50	0.79	20	2.12	295	0.5
92MOB0306	14	467960	6099299	CHEMEX	0.1	4.42	1	100	1	0.21	0.25	14	74	33	3.95	70	0.21	5	1.15	245	1
92MOB0309	14	458353	6095664	CHEMEX	0.1	7.25	10	320	1	0.17	0.25	34	145	143	6.71	40	1.47	5	1.92	480	0.5
92MOB0321	14	452900	6067950	CHEMEX	0.1	3.84	36	290	6	7.19	0.25	21	113	153	4.24	60	1.08	30	2.03	455	0.5
92MOB0324	14	452900	6067950	CHEMEX	0.1	5.29	26	210	2	0.35	0.25	24	133	79	5.37	30	0.89	20	2.01	370	0.5
92MOB0325	14	452900	6067950	CHEMEX	0.1	6.27	40	370	1	0.57	0.25	27	138	189	6.23	70	1.09	60	1.98	410	0.5
92MOB0326	14	457650	6065725	CHEMEX	0.1	4.63	12	240	2	0.27	0.25	26	146	111	5.33	40	1.15	20	2.05	330	0.5
92MOB0329	14	465650	6063550	CHEMEX	0.1	4.12	1	290	4	4.34	0.25	22	150	68	4.52	20	1.40	20	2.57	420	0.5
92MOB0332	14	466005	6069900	CHEMEX	0.1	6.87	12	140	2	0.35	0.25	26	155	135	6.11	30	0.74	5	2.18	365	6
92MOB0339	14	462075	6080250	CHEMEX	0.1	8.09	40	210	2	0.35	0.25	31	143	215	6.28	70	0.46	20	1.39	350	1
92MOB0342	14	467970	6086450	CHEMEX	0.1	7.77	44	340	1	0.28	0.25	28	148	139	6.24	70	0.54	20	1.44	285	0.5
92MOB1001	14	437763	6058408	CHEMEX	0.1	4.71	42	240	2	0.94	0.25	41	65	225	6.24	60	1.15	20	2.78	640	0.5
92MOB1004	14	488133	5986132	CHEMEX	0.1	1.56	1	80	1	12.84	0.25	8	49	32	1.53	30	0.28	5	6.59	275	0.5
92MOB1011	14	493196	6056073	CHEMEX	0.1	3.97	2	200	1	2.68	0.25	23	171	138	5.03	120	0.70	40	3.33	515	0.5
92MOB1013	14	452428	6046513	CHEMEX	0.1	2.16	6	120	1	10.67	0.25	14	82	77	2.61	40	0.39	5	6.52	360	0.5
92MOB1016	14	450336	6046454	CHEMEX	0.1	3.20	4	150	4	7.91	0.25	22	102	105	3.78	60	0.60	30	4.30	620	0.5
92MOB1019	14	449871	6047711	CHEMEX	0.1	1.43	1	100	2	15.00	0.25	10	57	50	1.85	40	0.26	5	5.71	420	0.5
92MOB1022	14	449401	6050524	CHEMEX	0.1	1.80	2	90	1	13.83	0.25	12	57	33	2.28	40	0.30	20	6.23	445	0.5
92MOB1025	14	450463	6050864	CHEMEX	0.1	2.41	1	110	4	11.97	0.25	13	63	34	2.63	30	0.49	20	7.06	465	0.5
92MOB1028	14	447536	6052245	CHEMEX	0.1	3.05	4	210	1	8.88	0.25	21	65	71	3.63	40	0.91	30	5.53	510	0.5
92MOB1037	14	443918	6055391	CHEMEX	0.1	6.60	46	150	1	0.19	0.25	23	98	161	6.38	40	0.43	20	1.87	330	0.5
92MOB1040	14	433231	6052330	CHEMEX	0.1	3.74	1	200	2	8.86	0.25	21	70	88	4.57	40	0.51	5	4.22	355	0.5
92MOB1045L	14	434168	6051494	CHEMEX	0.1	4.47	36	250	2	2.66	0.25	27	66	180	6.20	40	0.87	5	3.18	555	0.5
92MOB1045U	14	434168	6051494	CHEMEX	0.1	5.77	54	260	2	0.33	0.25	35	87	243	8.63	110	0.90	30	2.48	740	0.5
92MOB1049	14	432046	6053177	CHEMEX	0.1	3.63	1	230	1	5.73	0.25	28	99	121	5.94	20	0.71	20	3.71	715	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB0195	0.71	94	2000	10	1	17	20	0.41	169	150
92MOB0204	0.63	60	1840	16	2	15	18	0.30	132	130
92MOB0207	0.70	43	4740	16	1	9	13	0.16	87	90
92MOB0210	0.43	64	1740	16	2	13	13	0.37	142	134
92MOB0213	0.68	57	2440	8	1	20	23	0.28	108	116
92MOB0216	1.09	98	3520	6	2	20	12	0.35	160	114
92MOB0222	0.42	55	1420	16	2	16	18	0.37	121	122
92MOB0228	0.61	51	2210	12	2	12	20	0.15	76	76
92MOB0231	0.37	52	1520	12	1	9	46	0.21	80	72
92MOB0234	0.52	49	1660	4	1	12	49	0.28	109	104
92MOB0237	0.47	53	1680	14	1	10	31	0.21	93	88
92MOB0240	0.35	23	1430	6	1	4	27	0.08	35	38
92MOB0243	0.55	29	2590	12	1	6	28	0.08	46	52
92MOB0246	0.30	19	1440	6	1	5	44	0.05	36	36
92MOB0249	0.41	37	1440	8	2	8	37	0.14	61	70
92MOB0251	0.62	48	2540	14	2	14	24	0.12	92	80
92MOB0253	0.65	46	2810	20	4	12	20	0.11	82	152
92MOB0256	0.48	34	1750	8	2	11	26	0.09	67	54
92MOB0260	0.47	29	2010	10	1	8	27	0.12	59	66
92MOB0263	0.45	27	1810	12	1	8	23	0.12	57	62
92MOB0266	0.50	33	2060	6	1	10	23	0.13	66	72
92MOB0290	0.75	41	3830	14	1	13	15	0.15	92	72
92MOB0293	0.93	49	5030	6	1	17	12	0.18	98	68
92MOB0294	0.89	75	3180	6	2	20	18	0.28	140	148
92MOB0297	0.57	52	3400	16	1	12	12	0.20	119	84
92MOB0300	0.74	70	3070	16	1	18	22	0.20	122	118
92MOB0306	0.42	36	2320	12	1	8	19	0.14	80	64
92MOB0309	0.79	82	4060	8	2	18	10	0.28	151	120
92MOB0321	0.64	62	2140	14	2	14	55	0.23	102	112
92MOB0324	0.64	68	1630	18	1	14	25	0.24	111	118
92MOB0325	0.62	86	2260	12	1	22	30	0.20	120	126
92MOB0326	0.63	65	1780	10	1	16	15	0.33	144	122
92MOB0329	0.52	67	1190	8	2	14	45	0.20	110	142
92MOB0332	0.68	120	2470	16	2	14	11	0.27	150	124
92MOB0339	0.92	92	4150	16	6	20	12	0.23	133	70
92MOB0342	0.71	101	4000	1	1	14	16	0.19	132	98
92MOB1001	0.61	45	2550	14	1	21	18	0.11	111	132
92MOB1004	0.33	28	1490	12	2	4	53	0.06	30	36
92MOB1011	0.80	104	3140	14	4	16	28	0.20	109	98
92MOB1013	0.47	43	1690	6	1	7	27	0.12	57	46
92MOB1016	0.85	60	3980	14	2	9	28	0.12	71	82
92MOB1019	0.45	27	1870	8	2	4	37	0.04	41	34
92MOB1022	0.50	26	2200	8	2	5	37	0.08	45	44
92MOB1025	0.47	32	1890	6	2	6	34	0.09	47	48
92MOB1028	0.44	36	1750	8	1	9	27	0.14	65	72
92MOB1037	0.52	48	2970	14	2	20	12	0.20	111	102
92MOB1040	0.63	33	2690	8	2	17	27	0.07	76	58
92MOB1045L	0.73	42	2250	10	2	20	13	0.09	109	140
92MOB1045U	0.78	58	2720	4	2	33	11	0.11	139	122
92MOB1049	0.38	42	2510	6	1	18	54	0.11	95	72

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
84BSC0770	13	677250	6121600	SRC			1					16		44							1
84BSC0773	13	666600	6113900	SRC			5					12		33							5
84BSC0775	13	676150	6115700	SRC			1					15		41							1
84BSC0776	13	685600	6116750	SRC			15					9		67							1
84BSC0778	13	679100	6102900	SRC			9					16		158							1
84BSC0780	13	657200	6104350	SRC			24					8		55							1
84BSC0877	13	640185	6121236	SRC			3					11		23							1
84BSC0878	13	636652	6109118	SRC			1					20		70							1
84BSC0879	13	636170	6104796	SRC			34					2		48							1
84BSC0914	13	639353	6108443	SRC			1					15		35							1
84BSC0916	13	643515	6110566	SRC			1					16		92							2
84ECH0060	13	642926	6080726	SRC			1					19		116							1
84ECH0068	13	643694	6085480	SRC			1					22		112							1
84ECH0070	13	642809	6094653	SRC			1					17		91							1
84ECH0078	13	637161	6071365	SRC			1					10		51							1
84ECH0120	13	634100	6084900	SRC			1					14		112							1
84ECH0145	13	678000	6096000	SRC			1					19		129							1
84ECH0146	13	686734	6096157	SRC			3					13		45							2
84ECH0150	13	688200	6074300	SRC			3					10		51							2
84ECH0152	14	309568	6097365	SRC			25					24		87							3
84ECH0155	14	316143	6058979	SRC			17					22		133							1
84ECH0156	13	684000	6065200	SRC			1					14		52							2
84ECH0157	13	680100	6049200	SRC			4					11		47							1
84ECH0158	13	675300	6056600	SRC			131					19		203							7
84ECH0159	13	673409	6061896	SRC			23					21		108							1
84ECH0161	13	665900	6065300	SRC			9					9		72							1
84ECH0162	13	662700	6053900	SRC			10					17		72							2
84ECH0163	13	645500	6065100	SRC			1					13		75							2
90KDA0202	14	424650	6082200	BC-3	0.3	6.97	19	411	1.5	0.53	1.0	21	79	167	6.51	78		57	2.10	439	0.5
90KDA0203	14	424650	6082100	BC-3	0.1	1.93	12	342	1.5	15.00	0.5	9	14	126	2.19	78		18	1.35	219	0.5
90KDA0204	14	424500	6081250	BC-3	0.1	2.13	55	282	1.5	1.09	0.5	42	118	117	7.15	23		48	3.01	514	4
90KDA0205	14	424500	6080250	BC-3	0.2	7.67	32	218	1.5	0.20	2.0	13	95	184	7.16	29		21	2.79	423	2
90SL001	14	451875	6089500	BC-3	0.3	6.69	58	137	1.5	0.22	0.5	13	184	306	6.08	97		28	1.18	347	6
90SL002	14	438200	6079250	BC-3	1.1	6.07	31	471	1.5	3.63	1.0	23	287	170	6.95	17		52	3.15	546	1
90SL003	14	438200	6079250	BC-3	0.4	9.63	48	482	1.5	0.37	1.0	15	382	216	8.37	27		43	2.49	748	4
90SL004	14	437425	6079550	BC-3	0.4	9.48	41	418	1.5	0.14	0.5	15	352	261	7.24	27		30	2.04	312	2
90SL005	14	436450	6079350	BC-3	0.8	7.63	42	245	1.5	0.43	0.5	15	238	240	6.43	50		25	1.69	433	5
90SL006	14	435300	6079000	BC-3	0.5	9.16	31	361	1.5	0.51	0.5	2	248	312	6.20	44		22	1.50	324	2
90SL007	14	434600	6078100	BC-3	0.4	8.09	49	392	1.5	0.67	0.5	8	328	133	6.81	40		53	2.15	346	2
90SL008	14	433500	6077800	BC-3	0.5	9.39	75	460	1.5	0.20	0.5	14	373	194	8.31	30		32	2.55	557	2
90SL009	14	431500	6078250	BC-3	0.5	8.39	613	758	5	1.41	0.5	120	520	566	16.00			142	1.41	1789	4
90SL010	14	428800	6078350	BC-3	0.4	8.21	170	325	1.5	0.19	0.5	9	313	144	7.04	30		41	1.97	447	4
90SL011	14	429400	6080000	BC-3	0.1	8.71	224	300	1.5	0.19	0.5	22	250	140	6.05	20		30	1.72	509	3
90SL012	14	436750	6080300	BC-3	0.1	10.21	28	289	1.5	0.13	0.5	14	256	103	4.99	47		20	1.57	248	4
90SL013	14	435750	6080200	BC-3	0.1	8.80	96	287	1.5	0.26	0.5	25	316	198	7.47			30	2.00	342	4
90SL014	14	434900	6079800	BC-3	0.5	10.21	250	966	1.5	0.83	1.0	30	364	555	9.56	174		73	1.71	294	7
90SL015	14	433650	6079450	BC-3	1.6	6.03	746	189	4	0.51	1.0	25	358	357	19.13	284		62	1.13	587	63
90SL016	14	432150	6080800	BC-3	0.1	7.00	90	229	1.5	0.33	0.5	22	292	136	6.44	27		24	2.13	381	3
90SL017	14	431300	6080875	BC-3	0.1	8.72	736	305	1.5	0.33	1.0	32	289	310	8.90	50		15	1.73	307	7
90SL018	14	437800	6057100	BC-3	1.0	5.51	39	362	1.5	3.56	1.0	27	269	155	6.44	23		46	2.99	532	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
84BSC0770		54								
84BSC0773		30								
84BSC0775		47								
84BSC0776		20								
84BSC0778		62								
84BSC0780		24								
84BSC0877		32								
84BSC0878		99								
84BSC0879		44								
84BSC0914		88								
84BSC0916		67								
84ECH0060		83								
84ECH0068		79								
84ECH0070		60								
84ECH0078		46								
84ECH0120		58								
84ECH0145		58								
84ECH0146		37								
84ECH0150		30								
84ECH0152		52								
84ECH0155		46								
84ECH0156		42								
84ECH0157		36								
84ECH0158		53								
84ECH0159		55								
84ECH0161		29								
84ECH0162		50								
84ECH0163		70								
90KDA0202	1.81	77		18	1		49	0.32	125	131
90KDA0203	0.81	34		1	1		166	0.13	51	52
90KDA0204	2.36	110		30	1		29	0.32	160	172
90KDA0205	2.40	61		11	1		12	0.36	148	151
90SL001	3.23	65		23	7		17	0.22	121	149
90SL002	1.37	111		25	3		46	0.70	203	290
90SL003	2.04	116		25	2		26	0.62	203	249
90SL004	1.87	74		7	11		17	0.44	147	148
90SL005	2.03	65		10	10		28	0.31	94	178
90SL006	1.66	60		13	4		48	0.17	124	104
90SL007	2.34	74		14	12		41	0.43	147	126
90SL008	1.83	105		19	9		26	0.53	198	198
90SL009	2.28	200		72	17		34	0.44	355	174
90SL010	1.52	75		17	4		25	0.36	153	136
90SL011	2.25	87		15	1		26	0.27	104	135
90SL012	2.64	73		19	1		19	0.30	124	144
90SL013	2.90	75		8	1		18	0.40	177	126
90SL014	2.12	155		17	8		44	0.39	232	139
90SL015	1.52	96		95	27		26	0.28	253	114
90SL016	1.55	78		13	1		22	0.43	174	135
90SL017	1.80	107		17	4		19	0.32	258	123
90SL018	1.42	90		14	2		43	0.47	160	204

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
90SL019	14	437850	6058550	BC-3	1.0	5.47	211	246	1.5	1.60	0.5	29	178	236	7.00	33		40	3.30	628	4
90SL020	14	436950	6061250	BC-3	0.1	4.95	36	143	5	0.34	0.5	22	184	78	5.41	17		33	2.03	592	3
90SL021	14	433700	6066250	BC-3	1.1	5.53	69	410	1.5	5.06	0.5	23	232	170	6.32	33		48	2.81	519	2
90SL022	14	436700	6073100	BC-3	1.0	6.16	29	466	1.5	1.75	0.5	25	269	210	7.03	20		41	3.18	501	2
90SL023	14	438375	6075650	BC-3	1.2	5.68	32	264	1.5	1.93	1.0	38	184	249	7.36	37		22	4.16	648	2
90SL024	14	428900	6073300	BC-3	0.4	10.64	45	176	1.5	0.18	0.5	5	235	219	6.81	20		21	1.50	285	4
90SL025	14	428750	6073975	BC-3	0.8	7.17	48	512	1.5	0.75	0.5	13	289	180	7.00	54		52	2.47	578	3
90SL026	14	430200	6080800	BC-3	0.5	9.97	395	282	1.5	0.22	0.5	19	300	348	9.14			29	1.84	294	6
90SL027	14	435300	6081250	BC-3	0.6	3.92	563	282	1.5	1.21	0.5	26	204	302	5.08			34	2.24	453	3
90SL028	14	433350	6083350	BC-3	1.2	5.77	33	460	1.5	3.62	1.0	25	247	143	6.16	23		39	2.77	428	2
90SL029	14	441075	6079800	BC-3	0.5	7.37	24	265	1.5	0.27	0.5	14	237	181	6.30	37		39	2.28	348	3
90SL030	14	444700	6081900	BC-3	0.5	4.59	38	323	1.5	1.63	0.5	38	202	192	5.68			44	2.53	673	1
90SL031	14	437650	6071300	BC-3	0.4	7.17	43	214	1.5	0.30	0.5	32	180	168	6.26	27		33	2.13	716	3
90SL032	14	437100	6072650	BC-3	0.3	6.83	117	150	1.5	0.28	0.5	41	141	336	7.18			23	1.96	755	5
90SL033	14	438875	6078450	BC-3	0.3	7.83	176	155	1.5	0.03	0.5	50	136	229	9.46			23	2.15	414	2
90SL034	14	428400	6075500	BC-3	0.5	6.81	27	451	1.5	0.92	1.0	26	198	120	6.91	110		42	2.71	616	2
90SL035	14	421200	6071100	BC-3	0.4	7.38	25	495	1.5	1.04	2.0	24	232	129	7.46	33		47	2.97	676	2
90SL036	14	421700	6071250	BC-3	0.1	9.51	38	242	1.5	0.40	0.5	11	148	566	7.60	97		38	2.19	454	5
90SL037	14	422525	6071200	BC-3	0.5	5.88	39	388	1.5	0.56	1.0	33	230	245	7.05	33		58	2.47	1027	3
90SL038	14	434450	6079450	BC-3	0.4	8.77	203	229	1.5	0.31	1.0	20	156	396	9.94	44		19	1.56	356	22
90SL039	14	437600	6080450	BC-3	1.0	7.32	90	234	1.5	0.31	0.5	20	129	143	7.36			20	1.23	261	3
90SL040	14	434950	6080250	BC-3	0.3	7.80	150	380	8	0.44	0.5	50	206	294	7.29			33	2.36	547	3
90SL041	14	433600	6082250	BC-3	0.4	8.17	508	561	1.5	0.76	0.5	44	202	301	7.32	40		27	2.84	957	2
90SL042	14	439975	6079500	BC-3	0.4	7.82	27	514	1.5	0.41	1.0	24	182	235	7.51	33		52	2.42	519	1
90SL043	14	432500	6084250	BC-3	0.2	8.57	34	244	1.5	0.35	1.0	28	120	80	6.75	20		23	1.96	407	2
90SL044	14	431325	6085200	BC-3	0.3	8.91	109	530	1.5	0.41	0.5	31	115	136	6.69	20		36	2.33	716	2
90SL045	14	440900	6079100	BC-3	0.7	7.58	34	394	1.5	0.59	1.0	31	138	669	7.38	33		35	2.75	698	2
90SL046	14	446250	6083125	BC-3	1.3	5.47	30	344	1.5	3.06	2.0	37	105	244	6.37	17		44	3.42	684	2
90SL047	14	451875	6089500	BC-3	0.1	7.78	1	375	1.5	0.22	1.0	22	186	156	7.07	17		18	2.67	280	1
90SL048	14	448600	6089500	BC-3	0.1	6.94	28	201	1.5	0.28	0.5	17	103	171	5.87	23		22	1.84	395	2
90SL049	14	436850	6069700	BC-3	0.1	3.16	1	282	1.5	15.31	0.5	13	39	233	3.52	80		30	1.81	312	0.5
90SL050	14	436700	6083000	BC-3	0.1	8.87	182	354	9	0.87	0.5	37	107	345	7.47			42	2.04	458	3
90SL051	14	437650	6083500	BC-3	0.1	6.73	48	316	3	0.50	0.5	17	125	127	6.91	27		58	2.16	423	1
90SL052	14	439000	6083600	BC-3	0.1	1.20	136	434	1.5	0.32	0.5	28	217	173	7.01			29	1.95	511	1
90SL053	14	439875	6083900	BC-3	0.1	5.80	21	247	1.5	0.49	0.5	27	131	62	5.77	20		25	2.20	536	2
90SL054	14	440600	6084300	BC-3	0.1	10.48	43	460	1.5	0.20	0.5	17	136	231	6.76	84		49	1.67	362	4
90SL055	14	437300	6072200	BC-3	0.1	7.54	28	165	1.5	0.22	0.5	22	107	190	5.71	30		22	2.39	414	2
90SL056	14	434650	6072800	BC-3	0.1	8.16	31	259	1.5	0.36	1.0	27	97	97	7.03	27		22	2.47	504	2
90SL057	14	436650	6068500	BC-3	0.1	9.01	99	236	1.5	0.16	1.0	8	50	393	5.68			31	1.36	271	4
90SL058	14	428650	6080300	BC-3	1.0	7.75	218	527	5	0.44	3.0	31	65	370	10.45	197		35	2.27	568	19
90SL059	14	435750	6074875	BC-3	0.1	10.38	20	235	1.5	0.10	0.5	1	75	234	4.96	40		57	1.46	247	4
90SL060	14	438850	6077600	BC-3	0.4	9.24	46	146	1.5	0.36	1.0	15	53	410	8.13	74		27	2.36	386	5
90SL061	14	432600	6082200	BC-3	0.8	9.31	109	404	1.5	1.04	2.0	24	35	624	9.87	54		52	2.08	1106	5
90SL062	14	431300	6082900	BC-3	0.7	8.26	229	342	1.5	1.10	1.0	20	97	537	7.55	54		44	2.20	339	11
90SL063	14	431550	6082350	BC-3	0.2	9.36	85	378	1.5	0.20	1.0	15	103	289	7.47	30		32	2.04	319	3
90SL064	14	428350	6084200	BC-3	0.1	8.73	111	717	1.5	0.33	1.0	24	94	267	7.28	33		20	2.27	605	6
90SL065	14	429600	6081900	BC-3	4.3	7.10	485	70	5	0.16	0.5	12	22	239	17.87	236		34	1.31	232	53
90SL066	14	430500	6082700	BC-3	0.3	7.50	116	307	1.5	0.42	1.0	13	149	105	7.46	29		19	1.95	413	5
90SL068	14	442700	6086500	BC-3	0.3	6.27	17	205	1.5	0.34	0.5	16	149	52	5.47	23		26	2.01	399	2
90SL069	14	437450	6084500	BC-3	0.5	7.93	80	457	1.5	0.34	1.0	22	186	141	6.52	26		21	1.59	430	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
90SL019	1.24	83		11	8		43	0.21	127	196
90SL020	1.42	74		10	3		32	0.34	105	128
90SL021	1.28	91		16	1		58	0.49	160	225
90SL022	1.37	112		15	1		31	0.66	198	266
90SL023	1.34	67		9	5		44	0.25	189	157
90SL024	2.27	101		12	1		18	0.22	107	495
90SL025	1.70	88		13	9		42	0.42	157	202
90SL026	3.24	92		19	5		12	0.33	230	141
90SL027	1.39	76		10	5		26	0.33	135	173
90SL028	1.14	96		10	1		45	0.59	184	223
90SL029	2.48	68		18	1		22	0.39	148	135
90SL030	2.12	87		18	1		35	0.36	153	233
90SL031	2.11	91		4	8		26	0.34	125	153
90SL032	3.89	100		16	11		15	0.20	132	129
90SL033	1.86	80		20	7		27	0.13	140	203
90SL034	1.64	95		15	5		32	0.59	180	215
90SL035	1.78	104		16	5		35	0.64	195	239
90SL036	2.48	70		17	8		15	0.41	169	162
90SL037	1.63	173		16	6		41	0.39	152	208
90SL038	1.75	158		24	5		20	0.27	208	231
90SL039	4.10	80		18	1		22	0.27	148	164
90SL040	2.15	127		35	1		24	0.44	178	186
90SL041	1.86	133		17	3		33	0.36	208	146
90SL042	1.60	111		15	2		39	0.59	185	238
90SL043	1.74	95		13	1		34	0.35	149	199
90SL044	2.08	131		17	4		46	0.42	153	164
90SL045	1.42	90		22	1		29	0.37	152	454
90SL046	1.47	108		17	1		51	0.47	171	225
90SL047	1.57	100		11	1		16	0.58	201	168
90SL048	1.51	67		16	1		27	0.40	135	141
90SL049	1.02	41		1	1		119	0.19	64	134
90SL050	3.22	91		44	3		30	0.33	137	134
90SL051	2.09	76		11	2		52	0.50	169	129
90SL052	1.97	122		27	1		39	0.33	137	159
90SL053	1.26	77		15	1		34	0.48	141	175
90SL054	2.43	89		16	3		19	0.40	142	132
90SL055	1.66	68		9	5		17	0.20	107	136
90SL056	1.66	91		18	1		34	0.42	156	170
90SL057	3.11	56		8	3		14	0.29	106	125
90SL058	1.53	150		34	19		44	0.39	227	243
90SL059	1.88	48		9	3		19	0.22	89	94
90SL060	2.89	77		15	3		13	0.31	170	129
90SL061	1.28	187		20	10		37	0.30	216	172
90SL062	1.12	138		22	8		26	0.25	231	142
90SL063	1.75	111		17	3		18	0.36	209	169
90SL064	1.81	102		1	3		21	0.39	193	177
90SL065	1.78	77		167	31		108	0.31	278	151
90SL066	1.86	80		23	11		31	0.41	199	153
90SL068	0.85	73		15	1		35	0.40	118	144
90SL069	1.78	91		14	2		21	0.45	151	117

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
90SL070	14	438800	6084650	BC-3	0.1	9.51	29	314	1.5	0.15	0.5	10	198	202	6.54	62		68	1.59	347	4
90SL071	14	432400	6083050	BC-3	0.7	7.21	134	226	1.5	0.34	1.0	27	237	109	7.21	23		16	1.79	287	6
90SL072	14	446850	6084500	BC-3	0.4	8.21	27	206	1.5	0.32	1.0	20	180	96	6.57	16		29	1.92	434	2
90SL074	14	439650	6085800	BC-3	0.2	8.23	20	365	1.5	0.11	0.5	13	206	125	6.93	23		35	2.24	261	2
90SL075	14	442150	6086200	BC-3	0.4	7.68	26	266	1.5	0.19	0.5	15	184	133	7.70	52		37	2.19	471	4
90SL076	14	443100	6087350	BC-3	0.2	5.94	23	402	1.5	0.26	0.5	23	171	142	5.25	26		50	1.92	314	1
90SL077	14	434600	6085550	BC-3	0.1	7.25	94	312	1.5	0.29	0.5	25	127	108	5.90	36		27	1.78	441	3
90SL078	14	434650	6084650	BC-3	0.8	9.59	63	650	1.5	0.59	0.5	22	188	265	6.32	52		26	1.94	528	2
90SL079	14	435300	6084100	BC-3	0.3	7.89	54	492	1.5	0.20	1.0	24	224	190	7.03	26		39	2.51	358	3
90SL080	14	435650	6083450	BC-3	0.3	7.77	53	434	1.5	0.22	0.5	40	148	91	6.55	52		15	1.95	414	3
90SL081	14	433650	6082950	BC-3	0.3	7.80	318	548	1.5	0.44	0.5	61	198	190	7.83	49		12	2.72	625	3
90SL082	14	433650	6082950	BC-3	0.4	7.46	425	550	1.5	0.32	1.0	40	283	135	7.31	26		21	2.74	594	3
90SL083	14	442650	6080850	BC-3	0.4	6.62	32	537	3	0.76	1.0	22	141	247	7.02	26		71	1.82	439	2
90SL084	14	438250	6079750	BC-3	0.7	5.70	41	279	6	0.57	0.5	31	118	233	4.29	45		48	1.62	541	2
90SL085	14	440250	6075950	BC-3	0.3	5.50	29	162	1.5	0.41	0.5	28	157	80	5.25	10		25	2.35	454	2
90SL086	14	440250	6075950	BC-3	0.3	6.78	27	355	1.5	0.67	0.5	21	138	258	6.15	58		57	2.61	383	1
90SL087	14	440800	6076750	BC-3	0.7	6.87	19	442	1.5	0.82	0.5	24	141	287	5.39	123		30	2.47	411	2
90SL088	14	441450	6077500	BC-3	0.4	5.67	18	247	1.5	0.46	0.5	27	97	104	5.20	23		29	2.28	474	2
90SL089	14	439450	6075350	BC-3	0.3	8.09	14	255	1.5	0.28	0.5	16	81	78	4.79	26		20	1.99	346	2
90SL090	14	439450	6075350	BC-3	0.3	8.70	19	329	1.5	0.25	0.5	17	85	102	6.13	19		25	2.09	427	2
90SL091	14	442100	6078450	BC-3	0.4	7.92	34	268	1.5	0.46	1.0	24	88	136	8.62	26		20	2.55	487	6
90SL092	14	442200	6079200	BC-3	0.2	8.80	26	274	1.5	0.22	1.0	29	67	470	7.06	32		24	2.17	381	3
90SL093	14	442650	6078900	BC-3	1.3	5.15	11	455	1.5	5.13	2.0	31	39	225	6.11	19		31	2.91	487	2
90SL094	14	445450	6079500	BC-3	0.1	5.55	31	271	1.5	0.34	0.5	25	97	92	5.04	26		47	1.64	310	3
90SL095	14	446750	6080150	BC-3	0.2	5.92	75	236	1.5	0.31	0.5	29	120	44	5.42	29		26	2.12	427	2
90SL096	14	447950	6080250	BC-3	0.4	7.81	50	346	1.5	0.43	1.0	21	131	152	6.90	36		44	2.30	331	3
90SL097	14	450500	6083950	BC-3	0.6	7.17	57	937	1.5	0.50	0.5	24	81	302	7.84	32		40	2.55	459	7
90SL098	14	449900	6084000	BC-3	0.4	7.17	51	328	1.5	0.29	1.0	24	86	154	5.95	32		32	2.03	552	3
90SL099	14	446250	6082600	BC-3	0.4	7.47	28	470	1.5	0.90	2.0	24	103	309	7.23	78		63	2.58	534	1
90SL100	14	445900	6082500	BC-3	0.4	8.59	29	331	1.5	0.33	1.0	28	97	162	6.26	45		29	1.97	556	2
90SL101	14	445650	6082000	BC-3	0.1	5.35	21	166	1.5	0.36	0.5	26	103	34	5.05	39		24	1.78	416	2
90SL102	14	449450	6084350	BC-3	0.1	8.66	54	311	4	0.11	1.0	13	53	122	5.76	19		28	1.67	238	2
90SL103	14	450550	6083500	BC-3	0.2	7.65	57	297	1.5	0.25	1.0	20	97	95	6.69	19		27	2.45	384	2
90SL104	14	435300	6081250	BC-3	0.7	6.73	213	426	1.5	0.57	2.0	26	176	332	6.83	39		54	2.59	562	2
90SL105	14	446100	6079150	BC-3	0.6	6.76	106	334	1.5	0.27	1.0	34	139	165	6.94	19		34	2.18	551	3
90SL106	14	446400	6078850	BC-3	1.1	8.17	412	523	1.5	0.70	2.0	21	107	134	6.93	152		95	2.44	468	5
90SL107	14	446450	6078100	BC-3	1.5	7.97	6585	414	1.5	0.53	3.0	46	120	266	9.66	81		62	2.27	980	3
90SL108	14	438700	6071600	BC-3	0.4	6.02	115	176	1.5	0.36	1.0	27	146	60	5.60	19		28	2.07	516	2
90SL110	14	430600	6081500	BC-3	0.4	6.92	1093	482	1.5	0.60	1.0	32	162	194	6.56	23		39	2.48	503	1
90SL111	14	429100	6078650	BC-3	0.6	6.41	203	495	9	0.35	0.5	25	139	376	6.72	188		32	1.82	530	3
90SL112	14	449650	6085500	BC-3	0.1	8.41	32	318	1.5	0.21	1.0	20	198	178	6.75	55		25	2.01	290	2
91KDA0300	14	434900	6076550	BC-3	0.1	6.42	95	160	1.5	0.18	1.0	10	92	149	5.80	25		20	2.11	280	6
91MOB0002	14	321918	6064172	BC -2	0.5	4.12	2.5	274	2.5	0.69	0.1	26	119	123	6.01	177	0.96	32	4.12	751	3
91MOB0003	14	346435	6034384	BC -2	0.1	2.81	2.5	165	2.5	7.35	1.0	15	113	100	4.12	106	0.72	21	7.95	467	3
91MOB0005	14	436605	6065413	BC -2	0.3	6.05	2.5	191	2.5	0.21	0.1	25	113	64	5.86	23	0.55	22	3.56	406	1
91MOB0006	14	437378	6065419	BC -2	0.4	7.84	2.5	116	2.5	0.28	0.7	18	83	128	5.28	66	0.22	30	2.41	225	4
91MOB0007	14	437098	6066101	BC -2	0.6	6.01	2.5	424	2.5	0.43	1.0	27	163	143	7.37	40	1.59	40	4.60	412	1
91MOB0008	14	437700	6057650	BC -2	0.2	3.80	2.5	211	2.5	2.85	1.7	25	81	115	5.59	17	1.07	27	4.99	588	2
91MOB0012A	14	488110	5986428	BC -2	0.2	3.75	2.5	111	2.5	4.94	0.9	18	79	42	4.31	100	0.36	37	6.56	522	4
91MOB0012B	14	488110	5986428	BC -2	0.1	0.93	2.5	51	15	10.00	0.1	4	19	16	1.14	49	0.13	9	9.69	208	7

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
90SL070	2.75	79		19	3		15	0.32	131	122
90SL071	1.65	77		11	4		25	0.37	248	162
90SL072	1.83	80		15	1		28	0.42	137	136
90SL074	1.62	92		20	1		19	0.63	185	183
90SL075	2.40	79		23	3		29	0.34	155	160
90SL076	1.67	76		11	1		32	0.42	120	118
90SL077	1.67	76		13	1		28	0.33	121	169
90SL078	1.96	95		26	1		34	0.42	151	121
90SL079	1.20	95		17	1		26	0.58	198	197
90SL080	1.69	80		27	3		40	0.32	198	129
90SL081	1.44	95		16	4		25	0.48	236	196
90SL082	1.55	106		13	5		19	0.67	238	193
90SL083	1.71	80		18	3		42	0.34	131	126
90SL084	1.56	87		15	1		22	0.29	100	136
90SL085	1.23	77		10	3		30	0.43	131	140
90SL086	1.56	77		14	4		32	0.35	131	139
90SL087	1.36	74		13	1		27	0.33	122	143
90SL088	1.10	72		9	3		34	0.40	121	141
90SL089	1.53	77		7	1		26	0.34	102	135
90SL090	1.74	90		7	1		30	0.34	122	138
90SL091	1.97	81		25	2		28	0.44	232	194
90SL092	2.12	100		13	5		21	0.46	166	181
90SL093	1.10	67		13	1		56	0.31	147	185
90SL094	1.16	61		8	1		41	0.28	102	97
90SL095	1.58	73		14	1		30	0.34	107	212
90SL096	1.39	80		7	7		35	0.40	149	138
90SL097	1.35	95		17	1		46	0.40	172	246
90SL098	1.98	85		11	1		19	0.45	143	158
90SL099	1.87	112		28	1		43	0.42	168	215
90SL100	2.11	112		14	1		28	0.41	136	163
90SL101	1.43	68		8	1		34	0.30	119	179
90SL102	1.82	57		8	4		17	0.30	116	118
90SL103	1.65	62		9	6		22	0.44	155	162
90SL104	1.94	121		14	7		30	0.40	156	194
90SL105	1.17	74		1	6		20	0.30	131	164
90SL106	1.48	88		9	6		27	0.36	142	208
90SL107	2.13	109		17	6		31	0.32	150	195
90SL108	1.34	73		9	5		42	0.29	112	148
90SL110	1.41	83		7	6		39	0.44	194	144
90SL111	1.50	118		23	12		35	0.34	156	203
90SL112	1.90	67		12	1		27	0.44	181	160
91KDA0300	1.46	49		1	1		15	0.30	123	110
91MOB0002	0.61	78		18	2.5	14	30		109	150
91MOB0003	0.57	75		17	30	8	29		75	92
91MOB0005	0.71	70		23	2.5	10	24		102	111
91MOB0006	1.07	55		25	2.5	9	12		96	76
91MOB0007	0.79	96		24	2.5	16	20		179	184
91MOB0008	0.51	64		19	11	11	33		104	159
91MOB0012A	1.19	71		24	21	6	29		61	108
91MOB0012B	0.32	27		18	52	2.5	39		17	18

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91MOB0013	14	448421	6051727	BC -2	0.1	3.40	2.5	200	2.5	6.51	1.4	26	61	73	5.21	37	0.99	38	7.84	699	5
91MOB0016	14	392461	6005860	BC -2	0.1	2.09	2.5	124	2.5	10.00	0.1	9	60	37	2.61	26	0.41	19	8.24	407	4
91MOB0017	14	387039	5996312	BC -2	0.1	1.87	2.5	106	2.5	10.00	0.3	11	54	36	2.73	40	0.45	17	8.73	450	6
91MOB0018	14	378309	5988710	BC -2	0.1	3.12	2.5	115	2.5	3.64	0.1	16	69	46	4.83	60	0.72	30	5.60	1062	4
91MOB0019	14	434925	5985248	BC -2	0.1	1.69	2.5	94	12	10.00	0.5	7	50	31	1.98	34	0.21	14	9.53	347	8
91MOB0020	14	435590	5994429	BC -2	0.1	1.92	2.5	110	2.5	10.00	0.1	10	70	39	2.63	20	0.34	21	8.14	406	13
91MOB0021	14	350786	5986291	BC -2	0.1	2.69	2.5	171	7	10.00	1.4	15	77	45	3.42	11	0.84	20	8.54	493	4
91MOB0022	14	348391	5995709	BC -2	0.1	2.99	2.5	161	2.5	10.00	0.1	12	66	55	3.69	29	0.50	22	7.82	346	6
91MOB0023	14	343644	6000122	BC -2	0.1	1.28	2.5	56	10	10.00	0.1	3	22	15	1.38	29	0.32	13	9.66	265	9
91MOB0024	14	346426	6000957	BC -2	0.1	1.37	2.5	75	9	10.00	0.1	6	24	24	1.73	43	0.31	13	8.93	295	6
91MOB0025	14	339790	6007820	BC -2	0.1	3.40	2.5	131	2.5	9.08	0.6	16	86	64	4.49	60	0.49	29	6.69	372	4
91MOB0026	14	349546	6000003	BC -2	0.1	2.18	2.5	103	2.5	10.00	0.8	10	42	31	2.78	60	0.47	24	7.32	473	5
91MOB0027B	14	353089	6003362	BC -2	0.1	5.64	2.5	155	2.5	1.82	1.5	11	69	28	3.78	177	0.21	43	3.84	458	1
91MOB0028	14	355826	6011553	BC -2	0.1	2.61	2.5	141	2.5	10.00	0.1	13	52	51	3.39	20	0.52	17	8.33	406	7
91MOB0029	14	348718	6011610	BC -2	0.1	3.27	2.5	209	2.5	7.98	0.1	20	86	60	4.54	14	0.84	23	7.37	598	1
91MOB0030	14	315683	6100400	BC -2	0.3	5.28	2.5	272	2.5	0.28	0.1	25	165	45	6.39	11	1.34	17	4.50	442	0.5
91MOB0031	14	324438	6097220	BC -2	0.5	6.38	2.5	539	2.5	0.26	1.2	34	225	179	8.23	20	2.66	21	5.46	697	0.5
91MOB0032	14	370024	6099685	BC -2	0.4	5.06	2.5	197	2.5	0.33	0.3	24	139	51	6.33	11	1.01	20	4.41	530	3
91MOB0033A	14	369147	6051387	BC -2	0.7	4.80	2.5	333	2.5	0.46	0.7	35	97	262	10.00	92	1.59	75	5.46	720	2
91MOB0033B	14	369147	6051387	BC -2	0.8	4.95	7	289	2.5	0.54	1.2	30	110	144	8.33	72	1.23	59	4.91	602	0.5
91MOB0033C	14	369147	6051387	BC -2	0.6	5.07	2.5	264	2.5	0.51	2.5	27	117	70	6.91	37	1.11	39	4.58	554	0.5
91MOB0034	14	370255	6049783	BC -2	0.1	3.78	2.5	166	12	7.89	0.1	26	85	120	5.22	29	0.73	22	8.57	564	7
91MOB0035	14	364910	6043984	BC -2	0.1	3.06	2.5	117	9	10.00	0.1	18	69	93	3.80	49	0.48	21	9.39	585	5
91MOB0036	14	360264	6041461	BC -2	0.1	2.84	2.5	157	2.5	9.01	0.1	17	75	71	3.97	14	0.65	19	8.21	550	5
91MOB0041	13	685910	6039437	BC -2	0.1	3.40	2.5	173	7	7.47	0.3	27	139	104	4.76	11	0.61	14	8.04	647	4
91MOB0042	14	307966	6042535	BC -2	0.3	4.47	2.5	339	2.5	2.88	1.0	26	130	77	5.98	17	1.36	31	5.17	578	2
91SL001	14	449350	6076750	BC-3	0.1	9.69	51	358	1.5	0.06	0.5	9	81	81	4.39	50		20	1.23	205	1
91SL002	14	449000	6077450	BC-3	0.1	7.36	144	544	1.5	0.17	0.5	36	86	213	7.32	45		17	2.09	491	3
91SL003	14	453550	6090900	BC-3	0.1	7.88	45	199	1.5	0.18	0.5	12	76	161	6.28	100		29	1.74	382	2
91SL004	14	454800	6091600	BC-3	0.1	7.28	14	270	1.5	0.19	0.5	11	61	116	5.77	20		29	2.04	363	1
91SL005	14	455350	6091750	BC-3	0.3	6.99	16	329	1.5	0.16	0.5	10	92	89	5.79	30		36	1.84	408	1
91SL006	14	453200	6090900	BC-3	0.3	4.03	7	210	1.5	0.21	0.5	17	50	30	3.87	50		22	1.10	220	1
91SL007	14	452450	6090200	BC-3	0.2	6.02	10	371	1.5	0.25	0.5	16	73	77	6.12	20		20	2.19	428	1
91SL008	14	437400	6065700	BC-3	0.5	6.64	30	267	1.5	1.29	0.5	12	89	60	6.72	110		66	2.45	853	1
91SL009	14	436650	6064300	BC-3	0.4	6.94	42	449	1.5	0.33	0.5	16	84	80	5.94	30		36	1.30	342	2
91SL011	14	445300	6090400	BC-3	0.3	6.28	17	412	1.5	0.40	0.5	18	70	482	6.31	55		28	1.84	501	1
91SL012	14	446250	6090250	BC-3	0.2	7.69	28	265	1.5	0.10	0.5	6	57	163	5.11	85		27	1.72	237	1
91SL013	14	446750	6091350	BC-3	0.2	7.67	19	336	1.5	0.17	0.5	18	86	81	6.27	15		22	2.27	657	1
91SL014	14	447200	6092900	BC-3	0.3	8.90	32	335	1.5	0.19	0.5	10	56	71	6.80	55		22	1.56	265	2
91SL015	14	447850	6094050	BC-3	0.3	7.80	47	379	1.5	0.36	0.5	18	67	136	6.02	30		20	1.93	379	1
91SL016	14	447400	6094750	BC-3	0.1	6.02	21	470	1.5	0.68	0.5	15	79	214	7.62	30		56	2.43	615	1
91SL017	14	446900	6093450	BC-3	0.6	10.16	40	400	1.5	0.31	0.5	23	59	267	6.48	60		23	1.47	331	3
91SL018	14	446200	6092050	BC-3	0.3	4.10	11	262	1.5	0.11	2.0	32	63	907	14.42	20		15	1.27	233	2
91SL019	14	429350	6079350	BC-3	1.1	9.63	455	583	1.5	0.19	0.5	30	81	496	9.29	200		39	1.58	320	15
91SL020	14	428300	6077100	BC-3	1.3	8.85	324	293	1.5	0.22	0.5	20	69	991	7.43	425		37	1.17	394	7
91SL021	14	441600	6087750	BC-3	0.2	7.37	14	400	1.5	0.31	0.5	17	56	105	5.90	45		36	1.45	548	1
91SL022	14	440150	6088200	BC-3	0.6	8.07	17	277	1.5	0.42	0.5	16	62	544	5.92	5		20	2.30	487	2
91SL023	14	439400	6089300	BC-3	0.9	8.11	14	349	1.5	0.24	0.5	11	65	337	6.45	3		25	2.29	533	1
91SL024	14	438750	6090800	BC-3	0.3	10.62	229	282	1.5	0.21	1.0	35	145	141	7.36	165		35	1.53	225	1
91SL025	14	438150	6092350	BC-3	0.3	6.27	12	305	1.5	0.38	0.5	11	72	52	6.00	5		28	2.10	469	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91MOB0013	0.63	53		23	27	8	22		80	95
91MOB0016	0.43	49		12	38	2.5	39		52	62
91MOB0017	0.33	47		14	43	5	58		49	61
91MOB0018	0.57	73		20	12	6	47		62	107
91MOB0019	0.45	58		15	52	2.5	41		32	39
91MOB0020	0.53	68		12	38	5	48		47	55
91MOB0021	0.49	51		16	41	7	47		77	90
91MOB0022	0.60	45		11	32	8	55		71	86
91MOB0023	0.28	22		15	52	2.5	121		26	34
91MOB0024	0.36	25		16	47	2.5	92		35	47
91MOB0025	0.60	64		17	23	9	71		81	81
91MOB0026	0.41	37		12	33	6	88		49	67
91MOB0027B	1.78	38		32	2.5	6	42		65	133
91MOB0028	0.49	37		18	33	7	42		62	81
91MOB0029	0.49	55		22	27	10	48		92	114
91MOB0030	0.52	79		24	2.5	13	18		145	160
91MOB0031	0.75	115		32	2.5	20	18		190	238
91MOB0032	0.75	71		24	8	14	22		126	144
91MOB0033A	0.86	94		29	9	18	28		156	163
91MOB0033B	0.68	87		32	7	15	32		137	137
91MOB0033C	0.68	81		29	2.5	13	31		121	126
91MOB0034	0.74	81		27	30	13	27		108	92
91MOB0035	0.74	65		26	44	8	29		69	66
91MOB0036	0.50	55		20	35	9	29		80	89
91MOB0041	0.54	75		19	26	12	30		97	81
91MOB0042	0.52	77		24	11	13	44		128	162
91SL001	2.44	66		14	2		13	0.16	66	146
91SL002	1.65	87		9	2		12	0.34	147	160
91SL003	2.66	76		17	2		14	0.35	133	163
91SL004	1.25	69		5	2		15	0.41	122	165
91SL005	1.49	73		20	2		27	0.26	100	136
91SL006	1.64	42		15	2		23	0.32	113	140
91SL007	1.38	78		18	2		26	0.41	146	180
91SL008	1.91	86		15	2		37	0.18	101	169
91SL009	1.60	63		17	2		40	0.26	137	114
91SL011	1.51	69		10	2		28	0.32	127	168
91SL012	2.29	69		11	2		13	0.37	117	235
91SL013	2.40	83		15	2		20	0.31	119	209
91SL014	2.14	66		13	2		32	0.26	173	112
91SL015	1.89	82		5	2		32	0.35	140	124
91SL016	2.13	84		10	2		54	0.48	171	186
91SL017	3.18	95		22	3		24	0.25	128	113
91SL018	2.47	103		52	2		19	0.31	106	134
91SL019	2.58	132		27	14		19	0.30	161	188
91SL020	2.31	140		29	7		16	0.18	93	224
91SL021	2.19	80		17	21		31	0.27	99	154
91SL022	1.63	147		14	5		25	0.31	122	172
91SL023	1.74	108		19	2		20	0.35	138	189
91SL024	3.21	65		6	1		15	0.40	131	152
91SL025	1.33	76		15	2		31	0.42	124	191

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL026	14	438150	6089600	BC-3	0.8	7.14	17	349	1.5	0.52	0.5	16	73	90	5.33	15		23	1.94	580	1
91SL027	14	437550	6088000	BC-3	0.1	8.61	32	286	1.5	0.37	0.5	13	75	171	7.13	65		26	2.24	313	2
91SL028	14	450150	6070650	BC-3	0.2	5.35	17	391	1.5	0.36	0.5	14	107	40	5.89	3		29	2.27	583	1
91SL029	14	450500	6071150	BC-3	0.1	5.72	54	297	1.5	0.27	0.5	12	104	57	5.86	15		32	2.10	425	1
91SL030	14	452100	6071050	BC-3	0.3	8.46	551	423	1.5	0.28	0.5	15	103	175	7.34	55		37	1.54	391	2
91SL031	14	424200	6072250	BC-3	0.1	6.86	26	487	1.5	0.35	0.5	20	156	116	6.70	15		27	2.82	566	1
91SL032	14	419850	6068900	BC-3	0.6	7.01	15	689	1.5	0.26	1.0	72	129	468	4.95	50		26	2.01	326	1
91SL033	14	426450	6073900	BC-3	0.1	4.44	31	402	1.5	0.45	0.5	19	56	243	5.81	70		55	2.25	505	1
91SL034	14	435100	6085350	BC-3	0.1	7.51	40	531	1.5	0.43	0.5	16	65	153	6.52	20		27	2.10	463	1
91SL035	14	436250	6082800	BC-3	0.2	9.85	97	349	1.5	0.29	0.5	12	102	244	7.35	200		71	1.10	248	1
91SL036	14	452350	6076300	BC-3	0.1	7.24	331	279	1.5	0.14	1.0	12	59	84	13.59	135		15	0.59	317	14
91SL037	14	454500	6077400	BC-3	0.1	6.45	30	598	1.5	0.52	0.5	4	84	125	6.74	45		48	2.03	340	1
91SL038	14	453400	6076450	BC-3	0.5	5.01	170	726	1.5	3.94	0.5	23	79	206	6.02	20		33	3.05	400	1
91SL039	14	447850	6076250	BC-3	0.1	6.91	44	619	1.5	0.55	0.5	6	102	150	7.02	75		50	2.14	306	2
91SL040	14	452950	6071050	BC-3	0.2	4.24	6	434	1.5	4.17	0.5	19	86	72	4.78	30		51	2.36	535	1
91SL041	14	454550	6071850	BC-3	0.2	4.40	20	513	1.5	2.82	0.5	22	109	138	5.27	40		35	2.79	519	1
91SL042	14	453900	6071300	BC-3	0.1	6.73	26	398	1.5	0.26	0.5	9	109	63	5.83	20		25	2.13	599	1
91SL043	14	454150	6075550	BC-3	0.1	9.53	29	265	1.5	0.09	0.5	12	131	87	5.33	160		44	1.21	221	2
91SL044	14	442200	6068300	BC-3	0.1	5.19	69	322	1.5	2.44	0.5	19	75	122	5.54	25		78	2.19	531	1
91SL045	14	441850	6070000	BC-3	0.1	7.24	95	272	1.5	0.17	0.5	16	61	235	6.51	30		62	2.12	476	2
91SL046	14	441500	6070700	BC-3	0.1	3.99	1	269	1.5	8.42	0.5	16	59	114	4.42	15		54	2.68	611	1
91SL047	14	441250	6071550	BC-3	0.1	5.95	22	314	1.5	0.35	0.5	20	59	159	6.53	45		66	2.37	620	2
91SL048	14	440550	6071750	BC-3	0.2	5.23	25	524	1.5	1.01	0.5	24	76	186	6.02	5		44	2.83	657	1
91SL049	14	439550	6071950	BC-3	0.2	5.40	50	258	1.5	0.43	0.5	15	65	161	6.09	30		81	2.04	596	1
91SL050	14	438000	6073150	BC-3	0.1	4.75	18	261	1.5	0.67	0.5	13	62	69	5.47	15		54	1.99	565	1
91SL051	14	438850	6073400	BC-3	0.1	5.53	26	250	1.5	0.38	0.5	12	56	69	5.82	15		42	2.24	601	1
91SL052	14	439850	6074050	BC-3	0.1	4.29	26	421	1.5	4.44	0.5	23	58	120	4.84	5		49	2.74	571	1
91SL053	14	440750	6073550	BC-3	0.1	4.64	59	381	1.5	2.43	0.5	28	58	219	5.52	5		51	2.76	528	1
91SL054	14	441450	6074600	BC-3	0.1	3.76	68	300	1.5	3.43	0.5	26	67	139	4.55	5		46	2.54	510	1
91SL055	14	440450	6075100	BC-3	0.1	5.16	76	491	1.5	0.57	0.5	15	68	175	5.87	25		47	2.58	481	1
91SL056	14	441100	6075700	BC-3	0.1	3.80	19	328	1.5	4.23	0.5	23	80	144	4.86	20		45	2.76	543	1
SL91-57(20)	14	440800	6074450	BC-3	0.1	5.45	40	202	1.5	0.30	0.5	13	92	284	5.44			24	1.98	382	1
SL91-57(40)	14	440800	6074450	BC-3	0.1	5.65	61	232	1.5	0.22	0.5	13	102	311	5.95			25	2.12	407	2
SL91-57(60)	14	440800	6074450	BC-3	0.1	5.86	38	325	1.5	0.25	0.5	15	97	224	5.85			24	2.45	396	1
SL91-57(80)	14	440800	6074450	BC-3	0.1	6.27	33	390	1.5	0.29	0.5	15	98	262	6.36			31	2.70	545	1
SL91-57(100)	14	440800	6074450	BC-3	0.1	6.27	30	444	1.5	0.38	0.5	12	81	321	6.45			46	2.72	480	1
SL91-57(120)	14	440800	6074450	BC-3	0.2	5.44	31	504	1.5	1.31	0.5	10	98	311	5.89			53	2.89	404	1
SL91-57(140)	14	440800	6074450	BC-3	0.1	5.08	18	482	1.5	2.94	0.5	12	84	304	5.25			48	2.78	391	1
SL91-57(160)	14	440800	6074450	BC-3	0.1	4.08	21	423	1.5	4.19	0.5	14	78	374	4.55			51	2.34	322	1
SL91-57(180)	14	440800	6074450	BC-3	0.1	5.04	41	559	1.5	3.07	0.5	13	115	271	5.51			40	2.91	468	1
SL91-57(200)	14	440800	6074450	BC-3	0.1	5.46	38	556	1.5	2.96	0.5	13	84	320	5.75			41	3.23	493	1
SL91-57(220)	14	440800	6074450	BC-3	0.1	5.16	33	548	1.5	2.37	0.5	13	65	313	5.38			36	2.99	445	1
SL91-57(240)	14	440800	6074450	BC-3	0.1	4.69	25	490	1.5	2.42	0.5	16	107	249	5.12			36	2.74	444	1
SL91-57(260)	14	440800	6074450	BC-3	0.3	5.20	26	535	1.5	2.50	0.5	14	108	314	5.56			39	3.05	446	1
91SL058	14	408450	6081200	BC-3	0.1	6.72	75	594	1.5	0.18	0.5	8	85	137	6.59	20		18	2.13	398	2
91SL059	14	408350	6081950	BC-3	0.1	6.34	58	566	1.5	0.23	0.5	4	82	194	5.64	30		37	1.70	258	1
91SL060	14	408150	6083450	BC-3	0.1	8.23	40	419	1.5	0.15	0.5	8	85	124	5.22	100		26	1.38	186	2
91SL061	14	407850	6083450	BC-3	0.1	6.98	60	304	1.5	0.16	0.5	14	98	115	5.46	40		25	1.71	288	2
91SL062	14	408700	6084600	BC-3	0.1	6.24	51	398	1.5	0.19	0.5	15	85	98	5.57	20		19	1.79	344	1
91SL063	14	409150	6085250	BC-3	0.1	7.18	13	332	1.5	0.27	0.5	11	81	101	5.25	15		24	1.93	271	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL026	1.47	85		6	2		31	0.22	89	203
91SL027	1.64	75		10	7		22	0.37	184	136
91SL028	0.93	70		2	2		32	0.35	116	237
91SL029	1.25	69		14	7		28	0.37	126	149
91SL030	2.79	90		18	6		43	0.30	137	136
91SL031	1.39	139		3	2		34	0.38	137	160
91SL032	1.34	658		9	3		16	0.37	112	131
91SL033	1.39	107		13	2		30	0.32	117	194
91SL034	1.46	101		10	2		33	0.40	157	158
91SL035	2.88	56		6	2		18	0.35	121	100
91SL036	1.79	39		32	6		9	0.50	230	270
91SL037	1.29	71		12	5		51	0.28	128	139
91SL038	0.89	78		4	2		100	0.33	147	151
91SL039	1.55	87		13	4		25	0.37	152	141
91SL040	1.23	69		14	2		62	0.27	91	145
91SL041	0.96	68		6	2		34	0.40	129	163
91SL042	1.41	84		23	2		24	0.38	120	175
91SL043	2.73	53		11	2		10	0.21	94	94
91SL044	1.11	78		15	2		49	0.26	98	151
91SL045	1.67	91		17	2		20	0.30	113	165
91SL046	0.72	62		1	2		70	0.29	91	175
91SL047	1.51	87		21	2		29	0.36	121	178
91SL048	1.05	110		17	2		30	0.51	159	268
91SL049	1.29	84		17	2		33	0.27	114	167
91SL050	0.99	68		19	2		39	0.24	92	158
91SL051	1.34	78		16	2		34	0.34	116	157
91SL052	0.91	64		12	2		78	0.31	109	164
91SL053	0.87	80		12	5		67	0.23	95	218
91SL054	0.86	74		12	2		59	0.27	92	332
91SL055	0.96	80		9	4		25	0.40	143	199
91SL056	0.77	67		7	2		74	0.25	100	181
SL91-57(20)	1.07	180		7	2		19	0.34	109	145
SL91-57(40)	1.14	185		8	13		15	0.36	125	167
SL91-57(60)	1.07	166		5	2		19	0.47	146	189
SL91-57(80)	1.12	182		5	2		20	0.49	162	209
SL91-57(100)	1.04	209		7	2		24	0.46	160	204
SL91-57(120)	0.81	147		12	2		30	0.43	155	209
SL91-57(140)	0.84	134		2	2		42	0.37	134	175
SL91-57(160)	0.79	147		1	2		46	0.31	116	169
SL91-57(180)	0.87	130		2	2		45	0.42	146	198
SL91-57(200)	0.87	213		1	2		44	0.39	145	200
SL91-57(220)	0.95	206		12	2		39	0.35	133	186
SL91-57(240)	0.70	153		1	2		37	0.38	134	178
SL91-57(260)	0.86	225		12	2		40	0.40	142	194
91SL058	1.03	80		13	2		16	0.39	165	155
91SL059	1.43	79		1	2		14	0.32	135	110
91SL060	0.99	70		4	2		29	0.22	83	136
91SL061	1.73	68		6	2		14	0.29	118	129
91SL062	1.22	66		10	6		13	0.36	122	153
91SL063	1.55	74		11	2		23	0.33	114	170

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL064	14	407700	6080300	BC-3	0.1	5.92	28	619	1.5	0.64	0.5	16	85	95	4.97	55		23	1.75	363	1
91SL065	14	407800	6081250	BC-3	0.1	7.76	48	290	1.5	0.16	0.5	10	73	175	5.35	45		30	1.55	197	2
91SL066	14	407650	6082050	BC-3	0.1	6.88	154	615	1.5	0.47	0.5	11	80	151	5.64	40		46	1.57	329	2
91SL067	14	407550	6083150	BC-3	4.6	7.32	206	351	1.5	0.07	1.0	11	108	120	15.94	205		15	0.82	186	42
91SL068	14	407400	6083500	BC-3	0.4	7.05	153	144	1.5	0.05	1.0	13	73	137	9.90	75		15	1.31	193	12
91SL069	14	409900	6078750	BC-3	0.3	8.06	221	321	1.5	0.16	1.0	31	76	220	11.82	55		16	2.19	332	16
91SL070	14	410650	6078850	BC-3	0.1	9.05	590	304	1.5	0.13	0.5	12	76	106	7.36	115		27	1.13	165	8
91SL071	14	411400	6079450	BC-3	0.1	7.45	144	374	1.5	0.16	0.5	7	92	149	6.43	70		31	1.93	252	6
91SL072	14	412000	6080000	BC-3	0.1	5.95	145	432	1.5	0.25	0.5	13	94	87	6.17	25		18	1.76	327	4
91SL073	14	412000	6079350	BC-3	0.1	5.94	56	269	1.5	0.25	0.5	10	98	56	6.44	40		19	1.72	307	2
91SL074	14	413600	6080350	BC-3	0.1	6.89	45	236	1.5	0.24	0.5	15	83	140	6.10	35		17	1.96	418	1
91SL075	14	409750	6085600	BC-3	0.1	7.45	27	313	1.5	0.12	0.5	6	65	95	5.42	35		22	1.91	292	1
91SL076	14	411000	6085150	BC-3	0.1	7.13	36	306	1.5	0.22	0.5	7	98	76	5.71	20		28	1.96	313	1
91SL077	14	410650	6087800	BC-3	0.1	6.75	32	447	1.5	0.16	0.5	10	94	97	6.09	5		25	2.29	464	1
91SL078	14	411350	6086500	BC-3	0.1	6.67	107	177	1.5	0.05	0.5	3	82	155	6.12	165		18	1.37	133	4
91SL079	14	413300	6087550	BC-3	0.1	7.45	78	617	1.5	0.50	0.5	12	108	214	6.43	15		41	1.96	417	2
91SL080	14	412500	6080650	BC-3	0.1	6.88	431	405	1.5	0.26	1.0	13	84	146	8.58	20		14	1.70	285	9
91SL081	14	413450	6080950	BC-3	0.1	6.89	67	444	1.5	0.24	0.5	19	88	181	6.77	20		21	1.89	340	4
91SL082	14	414950	6081700	BC-3	0.1	6.39	38	236	1.5	0.48	0.5	10	102	263	5.19	45		24	1.52	285	1
91SL083	14	416950	6082500	BC-3	0.1	6.65	54	146	1.5	0.24	0.5	8	102	175	5.34	50		17	1.44	283	1
91SL084	14	416650	6084700	BC-3	0.1	6.06	65	322	1.5	0.13	0.5	8	63	121	5.79	35		12	1.70	225	1
91SL085	14	419100	6086300	BC-3	0.1	5.92	15	416	1.5	0.16	0.5	6	91	112	5.75	45		19	1.86	289	1
91SL086	14	421850	6087800	BC-3	0.1	6.27	22	359	1.5	0.27	0.5	6	98	61	5.50	20		25	2.10	367	1
91SL087	14	420100	6086750	BC-3	0.1	6.36	21	552	1.5	0.16	0.5	7	105	55	6.23	20		25	2.24	305	1
91SL088	14	409000	6080100	BC-3	0.3	5.13	61	342	1.5	0.39	0.5	6	98	43	6.00	35		21	1.45	260	1
91SL089	14	407500	6079650	BC-3	0.2	7.52	219	308	1.5	0.49	0.5	12	116	104	9.46	65		18	1.78	1209	1
91SL092	14	407650	6074850	BC-3	0.1	8.52	55	374	1.5	0.15	0.5	3	71	164	6.53	55		24	1.56	318	1
91SL093	14	406550	6074850	BC-3	0.2	5.21	97	344	1.5	0.40	0.5	13	87	115	6.59	30		31	1.87	384	1
91SL094	14	406300	6073400	BC-3	0.2	5.91	128	349	1.5	0.19	0.5	10	87	129	7.47	35		18	1.72	374	6
91SL095	14	405500	6073050	BC-3	0.2	6.24	80	333	1.5	0.90	0.5	6	114	152	5.81	30		22	1.86	405	1
91SL096	14	418550	6086850	BC-3	0.1	6.58	22	360	1.5	0.19	0.5	5	159	118	5.36	20		42	2.01	299	1
91SL097	14	420250	6091150	BC-3	0.1	8.37	21	185	1.5	0.10	0.5	4	92	49	6.03	60		30	1.61	266	5
91SL098	14	422400	6087450	BC-3	0.2	7.58	33	309	1.5	0.18	0.5	8	106	153	5.30	55		34	1.73	335	2
91SL099	14	414400	6084100	BC-3	0.2	7.16	61	606	1.5	0.40	0.5	14	135	256	6.50	40		71	2.64	568	1
91SL100	14	413250	6084950	BC-3	0.4	5.01	74	230	1.5	0.31	0.5	21	203	82	6.23	75		45	1.22	312	2
91SL101	14	419600	6070700	BC-3	0.1	5.46	33	304	1.5	0.76	1.0	25	96	100	5.52	20		28	2.13	456	1
91SL102	14	418900	6069350	BC-3	0.1	5.82	39	346	1.5	0.33	0.5	5	88	54	6.51	70		27	1.22	265	2
91SL103	14	418550	6068600	BC-3	0.2	6.78	44	408	1.5	0.49	0.5	38	153	121	6.03	45		15	1.62	223	1
91SL104	14	417700	6069500	BC-3	0.1	5.38	39	277	1.5	0.12	0.5	23	83	172	6.57	45		23	1.89	484	3
91SL105	14	418550	6070200	BC-3	0.1	5.21	82	461	1.5	0.29	1.0	11	90	175	9.82	35		29	1.89	439	8
91SL106	14	419700	6071550	BC-3	0.1	6.51	38	307	1.5	0.30	0.5	16	98	162	5.85	25		25	2.14	445	1
91SL107	14	420100	6071750	BC-3	0.1	8.09	17	449	1.5	0.14	0.5	16	108	134	5.76	20		20	2.02	313	1
91SL108	14	420850	6072900	BC-3	0.1	8.01	15	312	1.5	0.15	0.5	14	125	139	5.96	45		28	2.33	342	1
91SL109	14	420900	6074200	BC-3	0.3	5.95	21	304	1.5	0.21	0.5	52	122	149	6.32	40		25	1.95	298	1
91SL110	14	419700	6072850	BC-3	0.1	5.52	20	276	1.5	0.33	0.5	14	124	167	5.31	30		26	2.08	375	1
91SL111	14	418900	6072900	BC-3	0.1	8.72	36	311	1.5	0.22	0.5	8	103	165	6.05	80		28	1.85	358	2
91SL112	14	417650	6071050	BC-3	0.1	7.72	20	323	1.5	0.22	0.5	13	151	195	5.33	35		25	2.20	348	1
91SL113	14	417900	6072100	BC-3	0.1	10.26	21	372	4	0.32	0.5	72	165	601	6.92	100		31	1.95	316	1
91SL115	14	417500	6074850	BC-3	0.1	9.02	14	530	1.5	0.09	0.5	10	141	175	5.65	30		41	2.02	268	2
91SL116	14	418900	6072100	BC-3	0.3	7.21	15	268	1.5	0.15	0.5	6	126	74	6.53	60		39	1.83	413	3

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL064	1.30	65		8	7		22	0.29	101	161
91SL065	1.39	53		11	2		11	0.28	113	119
91SL066	1.07	105		9	3		24	0.24	95	156
91SL067	1.94	59		95	3		15	0.18	134	210
91SL068	1.25	75		32	3		5	0.19	157	135
91SL069	2.28	143		27	4		11	0.22	159	182
91SL070	2.34	53		14	9		15	0.16	133	117
91SL071	1.39	78		14	6		11	0.30	138	160
91SL072	1.31	65		14	3		25	0.28	133	127
91SL073	1.45	67		16	3		27	0.33	143	185
91SL074	1.33	74		13	2		17	0.32	150	163
91SL075	1.60	68		8	7		16	0.37	104	142
91SL076	1.30	68		15	2		21	0.33	121	164
91SL077	1.23	78		1	2		25	0.43	140	152
91SL078	1.47	55		5	3		5	0.21	155	94
91SL079	1.67	132		13	4		35	0.28	148	149
91SL080	1.66	66		12	2		23	0.29	205	151
91SL081	1.44	78		8	3		20	0.31	171	135
91SL082	1.33	95		8	2		12	0.34	126	113
91SL083	1.03	66		15	2		14	0.27	131	102
91SL084	1.14	50		11	3		12	0.36	129	140
91SL085	1.13	60		11	2		27	0.41	143	162
91SL086	0.68	65		1	2		23	0.41	126	165
91SL087	1.30	71		8	2		23	0.56	164	206
91SL088	1.30	45		21	2		35	0.23	105	173
91SL089	1.56	69		6	2		22	0.20	154	176
91SL092	1.47	63		9			20	0.26	104	136
91SL093	1.24	75		20	2		40	0.28	136	171
91SL094	1.19	75		21	2		24	0.26	121	175
91SL095	1.01	84		20	3		31	0.22	124	130
91SL096	1.68	58		10	2		19	0.38	123	157
91SL097	1.36	50		19	2		13	0.33	129	129
91SL098	1.34	54		19	2		16	0.33	118	118
91SL099	1.27	89		15	2		35	0.42	121	229
91SL100	1.84	38		16	2		28	0.41	81	201
91SL101	1.87	68		13	10		40	0.27	106	1361
91SL102	1.62	35		20	3		27	0.20	95	311
91SL103	1.59	113		4	4		45	0.18	122	92
91SL104	0.97	98		15	2		15	0.31	114	144
91SL105	1.25	53		35	3		43	0.27	113	190
91SL106	1.66	78		18	2		18	0.28	124	153
91SL107	1.58	73		9	2		19	0.39	121	152
91SL108	1.54	73		9	2		15	0.50	146	183
91SL109	1.32	51		6	3		16	0.51	126	169
91SL110	1.14	65		4	2		26	0.37	120	144
91SL111	2.03	60		10	2		25	0.36	117	143
91SL112	1.77	96		1	9		19	0.37	108	173
91SL113	2.10	71		6	6		21	0.41	152	122
91SL115	1.82	68		2	2		11	0.36	114	202
91SL116	1.58	44		3	3		13	0.34	108	232

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
91SL117	14	416000	6073600	BC-3	0.2	9.28	16	283	1.5	0.12	0.5	9	152	65	6.59	50		28	1.44	265	2
91SL118	14	414950	6074300	BC-3	0.1	7.56	15	266	1.5	0.22	0.5	6	127	76	5.19	85		27	1.89	298	2
91SL120	14	414050	6076450	BC-3	0.2	6.05	20	521	1.5	0.30	0.5	14	102	114	6.25	15		28	2.13	399	2
91SL121	14	418000	6073950	BC-3	0.4	6.93	21	332	1.5	0.90	0.5	12	71	882	5.88	75		43	3.10	472	1
91SL122	14	420500	6069050	BC-3	0.1	6.36	32	305	1.5	0.29	0.5	10	85	121	5.80	25		21	2.12	358	2
91SL123	14	421850	6068700	BC-3	0.1	6.94	19	239	1.5	0.27	0.5	17	112	148	4.98	30		24	2.40	374	1
91SL124	14	451500	6088600	BC-3	0.1	6.86	23	181	1.5	0.28	1.0	5	79	52	6.85	45		19	1.44	380	2
91SL125	14	451150	6087750	BC-3	0.1	6.71	24	209	1.5	0.21	0.5	9	80	60	5.94	20		19	1.71	350	2
91SL126	14	429550	6088300	BC-3	0.1	7.75	39	335	1.5	0.18	1.0	10	95	143	7.18	40		21	2.24	329	3
91SL127	14	428450	6089000	BC-3	0.1	6.15	24	321	1.5	0.32	0.5	10	83	51	5.66	30		21	1.97	623	1
91SL128	14	428700	6090250	BC-3	0.1	7.32	34	470	1.5	0.27	0.5	16	96	81	6.22	15		17	2.26	465	1
91SL129	14	430550	6089200	BC-3	1.4	9.78	271	233	1.5	0.84	1.0	38	90	271	7.13	110		20	2.12	467	6
91SL130	14	430800	6087250	BC-3	0.1	6.05	105	800	1.5	0.11	0.5	8	100	134	6.46	3		13	2.36	183	1
91SL130A	14	430800	6087250	BC-3	0.1	7.69	143	498	1.5	0.09	1.0	6	105	129	7.06	5		20	2.31	211	2
91SL131	14	431200	6087900	BC-3	0.1	7.17	138	870	1.5	0.12	1.0	24	108	86	7.41	5		11	2.55	230	4
91SL132	14	432400	6089200	BC-3	0.1	6.40	42	741	1.5	0.14	0.5	11	88	165	6.66	5		9	2.52	188	1
91SL133	14	433500	6090400	BC-3	0.1	6.32	78	542	1.5	0.26	0.5	13	97	126	6.08	10		33	2.27	371	1
91SL134	14	427750	6085000	BC-3	0.1	5.55	22	334	1.5	0.46	0.5	7	78	58	6.01	5		21	1.90	450	1
91SL135	14	421700	6081350	BC-3	0.1	8.57	22	342	1.5	0.08	0.5	3	127	152	6.46	25		44	1.71	250	2
91SL136	14	420950	6080400	BC-3	0.1	7.52	37	222	1.5	0.06	0.5	2	88	632	6.85	65		51	1.05	187	9
91SL137	14	419650	6081000	BC-3	0.1	7.68	41	435	1.5	0.13	0.5	13	91	92	6.01	160		34	1.21	201	1
91SL138	14	419700	6082100	BC-3	0.1	4.82	25	115	1.5	0.18	0.5	7	70	30	4.47	40		21	1.22	264	1
91SL141	14	443450	6077650	BC-3	0.1	5.39	31	470	1.5	1.42	1.0	11	118	115	5.48	15		40	2.63	458	1
91SL142	14	443900	6078800	BC-3	0.2	4.51	19	463	1.5	5.87	0.5	13	84	152	4.83	15		51	2.73	399	1
91SL143	14	443050	6077950	BC-3	0.1	5.96	16	512	1.5	0.90	1.0	10	143	117	5.87	25		47	2.87	434	2
91SL144	14	430800	6081650	BC-3	0.1	6.78	236	470	1.5	0.49	0.5	5	118	113	5.02	33		36	2.36	343	2
91SL145	14	430775	6081825	BC-3	0.1	7.03	804	547	1.5	0.50	1.0	6	130	155	6.44	40		54	2.20	560	1
92EL001	14	398920	6080540	CHEMEX	0.1	7.51	38	300	1	0.25	0.25	21	94	192	6.19		0.39	20	1.38	355	2
92EL002	14	397550	6080380	CHEMEX	0.1	7.24	22	290	1	0.16	0.50	15	90	423	6.15		0.19	20	1.53	310	2
92EL003	14	399440	6081490	CHEMEX	0.1	4.67	20	260	1	0.26	0.25	18	105	97	4.90		0.35	20	1.58	315	0.5
92EL004	14	399250	6079950	CHEMEX	0.1	5.16	1.0	170	1	0.15	0.25	16	92	105	4.59		0.18	20	1.40	240	0.5
92EL005	14	399080	6078630	CHEMEX	0.1	5.96	12	260	1	0.14	0.25	19	104	108	4.46		0.19	10	1.56	250	1
92EL006	14	401750	6074270	CHEMEX	0.1	4.85	14	420	1	0.94	0.25	29	93	222	6.83		0.70	30	1.78	530	0.5
92EL007	14	401790	6075500	CHEMEX	0.4	5.98	16	210	1	0.48	0.25	35	75	345	7.69		0.31	10	1.63	385	1
92EL008	14	402200	6077270	CHEMEX	0.1	9.31	38	230	2	0.26	0.25	31	80	153	7.96		0.17	20	1.42	335	1
92EL009	14	400990	6077980	CHEMEX	0.1	6.33	24	230	1	0.17	0.25	27	97	71	7.21		0.39	10	1.49	360	3
92EL010	14	400050	6078240	CHEMEX	0.1	5.84	34	280	1	0.59	0.25	23	98	143	5.90		0.72	40	1.76	455	1
92EL011	14	398400	6077310	CHEMEX	0.1	6.43	24	410	1	0.31	0.25	21	85	175	6.11		0.37	10	1.61	340	1
92EL012	14	397340	6077000	CHEMEX	0.1	6.40	24	420	1	0.16	0.25	18	83	110	6.35		0.34	10	1.09	245	1
92EL013	14	399830	6076120	BC-3	0.7	7.81	8	221	19	0.57	1.3	41	101	241	8.83	152	0.36	35	2.08	517	6
92EL014	14	399980	6075340	CHEMEX	0.1	5.44	12	180	1	0.36	0.25	23	97	31	5.06		0.14	5	1.48	225	0.5
92EL015	14	400020	6083380	CHEMEX	0.1	5.79	30	110	1	0.37	0.25	47	25	331	15.00		0.08	10	0.64	275	1
92EL016	14	400170	6083380	CHEMEX	0.1	6.67	24	290	1	0.28	0.25	22	83	107	5.65		0.22	10	1.35	275	0.5
92EL017	14	400920	6083340	CHEMEX	0.1	7.90	80	390	1	0.35	0.25	26	69	162	6.85		0.24	10	1.08	280	1
92EL018	14	398770	6083430	CHEMEX	0.1	7.59	28	480	1	0.40	0.25	20	97	211	5.89		0.37	10	1.33	295	1
92EL019	14	397920	6078590	BC-3	0.5	8.22	4	382	14	0.32	1.0	33	88	141	6.70	81	0.50	22	1.49	357	6
92EL020	14	399400	6077620	CHEMEX	0.1	4.51	24	280	1	0.35	0.25	42	481	41	6.27		0.33	5	3.37	445	0.5
92EL021	14	402210	6090060	CHEMEX	0.1	7.61	66	270	2	0.35	0.25	40	108	231	7.00		0.37	10	1.41	325	3
92EL022	14	402840	6089790	CHEMEX	0.2	6.19	24	340	1	0.26	0.25	30	89	106	7.24		0.88	5	1.49	420	3
92EL023	14	403510	6089390	CHEMEX	0.1	6.19	182	590	1	0.64	0.25	22	157	149	6.36		0.87	20	2.20	440	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
91SL117	2.21	61		9	2		21	0.36	123	123
91SL118	1.79	54		1	2		25	0.23	103	139
91SL120	1.21	71		5	2		22	0.43	144	173
91SL121	1.40	89		11	2		33	0.31	123	308
91SL122	1.84	68		4	3		16	0.37	145	137
91SL123	1.61	79		1	3		18	0.32	116	161
91SL124	1.78	59		10	3		21	0.29	143	371
91SL125	1.20	76		9	2		19	0.32	115	145
91SL126	1.84	67		15	3		18	0.34	199	157
91SL127	1.53	60		10	2		26	0.34	103	230
91SL128	1.14	73		1	2		23	0.40	160	199
91SL129	1.69	155		14	7		29	0.29	152	162
91SL130	1.23	57		1	9		16	0.43	179	146
91SL130A	1.44	61		1	5		12	0.42	182	143
91SL131	1.18	67		6	5		18	0.49	226	173
91SL132	0.77	58		7	2		13	0.42	174	168
91SL133	1.12	74		1	4		25	0.37	143	185
91SL134	1.26	48		1	6		27	0.30	120	142
91SL135	1.41	78		7	4		12	0.39	148	145
91SL136	2.38	65		16	5		8	0.30	138	306
91SL137	2.03	61		3	2		18	0.32	113	98
91SL138	1.34	36		8	2		23	0.25	115	108
91SL141	1.01	83		12	2		35	0.47	143	293
91SL142	1.18	72		1	2		66	0.34	120	278
91SL143	1.02	88		5	2		32	0.52	156	244
91SL144	1.13	70		1	6		31	0.39	128	159
91SL145	1.34	85		3	1		24	0.36	145	180
92EL001	1.41	53	3780	8	1	15.0	18	0.24	122	104
92EL002	1.17	46	2290	14	1	11.0	7	0.25	130	2520
92EL003	1.10	39	970	2	1	11.0	15	0.24	106	110
92EL004	1.09	32	1120	6	1	10.0	9	0.19	97	96
92EL005	1.24	44	1680	6	1	9.0	12	0.17	89	104
92EL006	1.23	48	1960	6	2	17.0	30	0.17	168	128
92EL007	1.37	41	2600	4	1	13.0	12	0.20	198	184
92EL008	1.76	37	8190	8	6	19.0	8	0.49	167	78
92EL009	1.79	62	6130	12	10	8.0	19	0.21	134	100
92EL010	0.94	42	1280	6	1	14.0	43	0.28	136	124
92EL011	1.31	38	2310	4	1	13.0	12	0.22	116	100
92EL012	1.46	37	2530	8	1	9.0	21	0.19	117	104
92EL013	1.82	65	0	33	53	22.0	14	0.00	118	160
92EL014	1.06	34	1280	12	1	8.0	13	0.20	126	122
92EL015	0.66	63	1920	1	1	46.0	7	0.07	415	90
92EL016	1.45	34	2500	2	1	11.0	10	0.21	125	100
92EL017	1.96	51	5560	12	1	11.0	16	0.33	128	78
92EL018	1.47	51	2400	2	2	11	20	0.19	118	118
92EL019	1.82	90		24	34	12	17		101	128
92EL020	1.34	230	1920	2	1	10	21	0.14	97	96
92EL021	1.76	95	6210	20	2	12	12	0.19	116	108
92EL022	1.14	59	3180	12	1	11	16	0.22	134	216
92EL023	0.96	107	1490	12	1	21	21	0.26	142	378

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL024	14	404530	6088570	BC-3	0.6	6.42	34	413	13	0.40	1.4	43	75	463	6.29	118	0.39	25	1.70	275	5
92EL025	14	405320	6088790	CHEMEX	0.1	4.82	4	450	1	0.29	0.25	16	92	133	5.17		0.58	10	1.53	230	1
92EL026	14	406330	6088840	CHEMEX	0.1	4.93	34	430	1	0.17	0.25	31	125	141	6.16		1.10	10	1.64	445	0.5
92EL027	14	406300	6089830	CHEMEX	0.1	6.09	24	240	1	0.74	0.25	32	88	159	5.92		0.82	10	1.95	525	2
92EL028	14	405310	6089580	BC-3	0.5	7.18	8	320	17	0.79	0.1	56	75	260	6.92	80	0.49	17	1.77	658	8
92EL029	14	404840	6090580	CHEMEX	0.1	6.60	16	160	1	0.58	0.25	30	68	141	6.37		0.41	10	1.39	385	2
92EL030	14	403600	6090260	CHEMEX	0.1	6.62	40	300	1	0.34	0.25	35	92	149	6.43		0.83	10	1.58	480	2
92EL031	14	403020	6090850	CHEMEX	0.1	5.18	10	260	1	0.38	0.25	27	94	74	5.37		1.02	10	1.65	485	0.5
92EL032	14	402430	6091390	BC-3	0.6	5.56	3	217	15	0.61	1.2	35	80	76	6.35	30	0.85	26	1.72	540	6
92EL033	14	402410	6092520	CHEMEX	0.1	5.30	16	160	1	0.45	0.25	19	74	106	5.14		0.53	10	1.62	365	1
92EL034	14	404060	6092170	BC-3	0.4	6.31	1	206	15	0.44	0.8	24	82	100	6.44	15	0.67	22	1.63	378	4
92EL035	14	405600	6092460	CHEMEX	0.1	5.26	10	310	1	0.25	0.25	21	105	54	5.40		0.96	10	1.56	420	1
92EL036	14	406790	6091260	CHEMEX	0.1	5.70	4	150	1	0.19	0.25	18	95	152	4.78		0.35	10	1.37	275	0.5
92EL037	14	409720	6089400	CHEMEX	0.1	5.67	58	380	1	0.18	0.25	31	125	92	6.15		0.98	5	1.63	415	2
92EL038	14	408730	6089040	CHEMEX	0.1	7.34	24	320	1	0.10	0.25	19	120	89	6.22		0.97	10	1.59	165	1
92EL039	14	408430	6087400	CHEMEX	0.1	4.91	20	390	1	0.17	0.25	22	133	80	5.65		1.31	10	1.90	355	0.5
92EL040	14	409570	6087940	CHEMEX	0.1	4.59	70	180	1	0.10	0.25	17	112	94	4.58		0.48	10	1.38	210	0.5
92EL041	14	402490	6080710	CHEMEX	0.1	5.66	36	250	1	0.36	0.25	22	82	103	5.29		0.44	10	1.34	365	0.5
92EL042	14	402920	6081940	CHEMEX	0.1	7.55	48	250	1	0.27	0.25	18	84	100	6.39		0.32	30	1.98	315	2
92EL043	14	403080	6082950	CHEMEX	0.1	5.25	24	280	1	0.34	0.25	24	97	90	5.62		0.37	10	1.46	300	1
92EL044	14	403220	6084240	BC-3	0.5	6.45	55	167	17	1.15	1.7	53	63	238	8.93	37	0.48	21	1.56	640	8
92EL045	14	404320	6085160	CHEMEX	0.1	6.20	50	200	1	0.41	0.25	21	76	216	5.90		0.28	20	1.38	325	2
92EL046	14	404080	6083880	BC-3	0.3	8.14	12	290	13	0.44	0.80	33	80	249	6.05	58	0.41	31	1.48	355	3
92EL047	14	405980	6084520	CHEMEX	0.1	5.91	36	310	1	0.13	0.25	18	106	107	5.30		0.61	10	1.49	250	1
92EL048	14	406400	6085880	CHEMEX	0.1	6.37	22	460	1	0.13	0.25	22	122	285	4.99		0.77	10	1.67	215	1
92EL049	14	405220	6083340	CHEMEX	0.1	7.93	58	260	1	0.17	0.25	22	103	107	7.06		0.30	20	1.42	245	5
92EL050	14	404290	6082530	CHEMEX	0.1	6.02	24	240	1	0.24	0.25	19	108	113	5.56		0.56	10	1.52	300	1
92EL051	14	402650	6078210	BC-3	0.5	7.82	7	194	14	0.52	1.2	33	70	124	7.21	108	0.40	30	1.54	471	9
92EL052	14	403110	6078530	CHEMEX	0.1	6.53	24	330	1	0.33	0.25	23	79	139	6.12		0.50	20	1.61	410	0.5
92EL053	14	403620	6078980	CHEMEX	0.1	6.93	52	340	1	0.29	0.25	27	84	93	6.34		0.66	10	1.57	365	2
92EL054	14	404210	6079930	CHEMEX	0.1	6.95	14	290	4	0.52	0.25	30	93	297	6.57		0.35	20	1.95	330	0.5
92EL055	14	404430	6081390	CHEMEX	0.1	6.21	66	360	1	0.22	0.25	25	88	172	5.77		0.49	20	1.41	310	1
92EL056	14	381250	6082090	BC-3	0.8	6.77	28	108	24	0.69	1.5	105	512	394	10.00	40	0.58	19	5.49	874	25
92EL057	14	381430	6082840	CHEMEX	0.1	6.25	66	260	1	0.35	0.25	59	504	326	7.51		0.84	10	3.24	680	2
92EL058	14	381360	6083690	CHEMEX	0.1	5.63	56	200	1	0.43	0.25	37	375	197	6.94		0.52	10	2.88	580	3
92EL059	14	380350	6082800	CHEMEX	0.1	5.04	42	290	1	0.32	0.25	32	190	122	5.93		1.01	10	2.21	630	1
92EL060	14	377860	6080710	CHEMEX	0.1	4.87	14	220	1	0.23	0.25	28	379	55	5.88		1.15	5	2.67	450	0.5
92EL061	14	378980	6080630	CHEMEX	0.1	4.54	20	330	4	0.27	0.25	28	273	58	5.92		1.31	5	2.31	470	0.5
92EL062	14	380020	6081500	CHEMEX	0.1	4.47	20	150	2	0.50	0.25	26	347	91	5.41		0.37	10	2.69	470	0.5
92EL063	14	379690	6082420	CHEMEX	0.2	4.56	50	140	4	0.31	0.25	28	204	101	5.79		0.48	10	2.44	435	0.5
92EL064	14	379680	6083620	CHEMEX	0.1	6.36	82	130	6	0.38	0.25	25	142	197	8.62		0.18	5	1.87	445	3
92EL065	14	379100	6083240	CHEMEX	0.1	7.32	52	220	2	0.25	0.25	26	97	246	6.12		0.43	10	1.66	420	0.5
92EL066	14	378850	6082420	CHEMEX	0.1	4.60	30	160	2	0.29	0.25	24	90	79	5.43		0.73	5	1.61	425	1
92EL067	14	379110	6081570	CHEMEX	0.1	4.79	12	250	4	0.30	0.25	20	159	326	5.49		0.58	20	2.33	380	0.5
92EL068	14	377860	6081950	CHEMEX	0.1	9.97	44	210	4	0.51	0.25	33	159	147	9.56		0.50	10	2.33	515	1
92EL069	14	377040	6080660	CHEMEX	0.1	4.78	16	220	2	0.37	0.25	21	199	85	5.02		0.70	10	1.84	400	0.5
92EL070	14	376170	6079650	CHEMEX	0.1	5.83	32	280	1	0.23	0.25	24	186	73	5.58		0.55	5	1.54	290	0.5
92EL071	14	378020	6079640	CHEMEX	0.1	4.00	18	180	2	0.31	0.25	20	134	40	4.39		0.42	10	1.72	415	0.5
92EL072	14	378190	6079020	CHEMEX	0.1	6.01	722	110	12	0.22	0.5	45	172	265	11.35		0.25	10	2.40	490	4
92EL073	14	377430	6078130	CHEMEX	0.1	4.64	22	190	2	0.24	0.25	22	118	34	5.21		0.70	10	1.56	310	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL024	1.90	108		20	40	9	17		108	146
92EL025	1.02	40	920	2	1	14	16	0.21	139	114
92EL026	0.72	68	1180	12	4	13	14	0.22	141	182
92EL027	1.08	59	2640	6	1	15	24	0.24	156	118
92EL028	2.59	89		24	42	13	24		141	132
92EL029	2.15	60	6040	4	4	13	15	0.22	134	90
92EL030	1.60	73	3990	14	1	11	16	0.25	121	132
92EL031	0.93	53	2430	8	1	11	21	0.26	119	120
92EL032	1.51	66		23	41	12	28		110	117
92EL033	0.84	37	1160	6	1	11	15	0.21	124	108
92EL034	1.36	60		20	39	13	19		88	110
92EL035	0.75	52	1370	8	1	9	20	0.22	118	154
92EL036	1.10	43	2540	6	2	9	12	0.21	106	102
92EL037	1.38	66	3360	6	1	10	16	0.22	140	122
92EL038	1.71	48	4950	1	1	15	7	0.27	140	100
92EL039	1.03	48	1240	8	1	13	11	0.35	153	144
92EL040	0.86	45	1450	6	1	8	7	0.23	114	94
92EL041	1.13	40	1470	4	1	8	30	0.22	107	90
92EL042	0.01	42	2140	12	1	11	19	0.21	149	100
92EL043	0.58	47	620	2	4	10	22	0.26	127	100
92EL044	1.22	105		24	50	15	22		120	158
92EL045	0.96	42	2800	2	2	13	15	0.27	122	94
92EL046	1.44	63		18	31	11	19		96	105
92EL047	1.18	42	1740	12	1	9	10	0.27	129	124
92EL048	0.95	58	1700	8	1	12	9	0.26	119	128
92EL049	1.09	57	4180	16	2	12	8	0.27	147	114
92EL050	0.56	46	970	10	1	9	21	0.27	124	144
92EL051	2.86	50		24	37	11	14		84	146
92EL052	0.90	35	1380	21	46	12	19	0.005	128	165
92EL053	0.90	49	3170	25	45	11	18	0.005	126	136
92EL054	0.05	54	240	24	45	13	17	0.005	132	253
92EL055	1.10	45	2510	26	43	12	17	0.005	126	145
92EL056	1.49	282		36	81	11	26		194	160
92EL057	1.35	205	1810	6	1	14	16	0.25	195	124
92EL058	0.97	144	1270	14	1	11	27	0.22	153	152
92EL059	0.84	87	1350	6	2	11	30	0.26	136	138
92EL060	0.78	133	870	4	1	10	20	0.30	145	120
92EL061	0.57	100	1580	10	1	11	17	0.29	136	124
92EL062	0.43	140	730	4	1	12	27	0.22	120	104
92EL063	0.69	93	940	4	1	11	26	0.20	123	104
92EL064	1.66	84	6560	14	1	14	26	0.18	161	112
92EL065	0.99	55	3330	10	1	13	16	0.24	122	114
92EL066	0.78	48	1670	6	1	10	24	0.18	104	98
92EL067	0.87	61	670	4	1	15	21	0.28	130	130
92EL068	1.31	77	3380	16	1	16	35	0.24	208	184
92EL069	0.51	86	1650	6	1	10	31	0.28	125	134
92EL070	0.82	89	2490	6	2	9	20	0.19	111	100
92EL071	0.84	56	1320	2	1	9	21	0.21	90	128
92EL072	1.59	108	5580	6	14	18	10	0.21	212	98
92EL073	0.88	51	2010	6	1	10	15	0.27	137	138

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL074	14	381490	6081170	CHEMEX	0.1	6.21	46	260	4	0.45	0.25	25	94	141	7.20		0.44	10	1.42	495	1
92EL075	14	382160	6080650	CHEMEX	0.1	7.73	42	200	1	0.33	0.5	29	98	118	7.65		0.40	5	1.14	285	2
92EL076	14	382000	6079890	CHEMEX	0.1	5.95	42	230	2	0.29	0.25	31	109	94	6.29		0.75	5	1.65	370	1
92EL077	14	382590	6078960	CHEMEX	0.1	5.07	20	420	2	2.33	0.25	17	87	100	5.67		0.86	30	1.48	325	0.5
92EL078	14	383460	6078040	CHEMEX	0.1	7.37	42	270	4	0.25	0.25	25	135	119	6.40		0.98	10	1.71	335	0.5
92EL079	14	382720	6077050	CHEMEX	0.1	5.38	12	140	4	0.26	0.25	21	131	110	5.42		0.29	5	2.06	360	0.5
92EL080	14	382130	6077470	BC-3	0.4	7.14	4	282	16	0.41	1.8	39	110	87	7.17	74	0.57	16	1.84	499	6
92EL081	14	379760	6081640	CHEMEX	0.1	6.48	88	210	1	0.30	0.25	51	140	219	7.62		0.64	10	1.91	785	2
92EL082	14	379180	6079940	CHEMEX	0.1	5.80	136	150	1	0.27	0.25	31	228	154	7.48		0.80	10	2.14	460	1
92EL083	14	378500	6077970	CHEMEX	0.1	4.50	46	220	1	0.42	0.25	31	153	71	5.21		0.72	10	1.90	575	0.5
92EL084	14	379340	6078470	BC-3	0.8	4.38	81	106	25	2.41	1.9	92	181	382	10.00	263	0.34	39	3.22	1213	13
92EL085	14	377380	6077180	CHEMEX	0.1	4.39	18	230	1	0.25	0.25	22	127	43	5.29		0.87	10	1.97	405	1
92EL086	14	377670	6075450	CHEMEX	0.1	4.34	32	180	1	0.35	0.25	24	109	117	6.56		0.77	10	1.85	620	1
92EL087	14	377710	6074880	CHEMEX	0.4	6.24	60	160	1	0.36	0.25	53	137	606	9.70		0.78	10	2.43	920	3
92EL088	14	377020	6073900	CHEMEX	0.1	5.68	42	120	1	0.44	0.25	21	135	143	7.29		0.27	10	2.09	475	1
92EL089	14	376420	6072870	CHEMEX	0.2	6.67	88	220	1	0.40	0.25	56	123	689	9.38		0.48	10	2.08	605	2
92EL090	14	376030	6068520	CHEMEX	0.2	6.59	64	320	1	0.31	0.25	37	152	136	6.83		0.75	10	1.90	455	1
92EL091	14	376800	6069990	CHEMEX	0.2	6.46	46	200	1	0.20	0.25	24	155	77	6.89		0.91	5	1.79	375	1
92EL092	14	377210	6070670	CHEMEX	0.1	6.72	44	270	1	0.24	0.25	31	148	105	7.04		0.88	10	1.84	405	1
92EL093	14	377480	6071550	CHEMEX	0.1	6.68	36	300	1	0.31	0.25	37	278	124	6.57		0.68	5	2.48	530	0.5
92EL094	14	377810	6072300	CHEMEX	0.1	7.42	124	200	1	0.21	0.25	36	196	274	7.79		0.33	10	2.20	480	1
92EL095	14	379080	6074120	CHEMEX	0.1	7.69	82	260	1	0.21	0.25	37	346	146	7.00		0.23	10	2.48	370	2
92EL096	14	378040	6076570	CHEMEX	0.6	6.98	96	210	1	0.23	0.25	57	125	445	8.25		0.39	10	1.68	520	2
92EL097	14	377720	6073200	CHEMEX	0.6	5.62	198	240	1	0.31	0.25	36	121	187	10.45		0.46	10	1.57	740	1
92EL098	14	380510	6076720	CHEMEX	0.1	5.74	18	200	1	0.27	0.25	24	135	134	6.21		0.47	10	2.35	500	0.5
92EL099	14	380000	6075710	CHEMEX	0.1	4.66	18	210	1	0.34	0.25	19	120	62	5.06		0.89	10	2.00	445	0.5
92EL100	14	379590	6074930	CHEMEX	0.1	5.95	26	240	1	0.29	0.25	31	401	82	6.02		0.47	5	3.05	470	0.5
92EL101	14	376900	6088470	CHEMEX	0.1	5.76	18	280	1	0.34	0.25	20	116	120	5.71		1.01	10	2.15	490	0.5
92EL102	14	376120	6088110	CHEMEX	0.1	6.97	8	230	1	0.28	0.25	19	100	131	5.88		0.42	10	1.77	365	1
92EL103	14	376380	6090160	CHEMEX	0.1	9.30	26	210	1	0.47	0.25	17	73	460	7.40		0.46	10	1.79	480	6
92EL104	14	377580	6089400	BC-3	0.5	5.85	12	308	17	0.43	0.4	36	101	119	6.13	41	1.13	21	2.39	705	2
92EL105	14	379180	6090840	CHEMEX	0.1	9.86	34	610	1	0.19	0.25	32	106	199	6.22		0.62	10	1.84	300	1
92EL106	14	378280	6090500	CHEMEX	0.1	6.09	10	250	1	0.26	0.25	15	98	106	5.55		0.26	20	1.57	295	0.5
92EL107	14	377700	6091280	BC-3	0.3	7.73	4	351	15	0.36	1.3	32	90	182	6.88	98	0.29	23	1.71	405	7
92EL108	14	401420	6112370	CHEMEX	0.4	6.77	4	490	2	0.09	0.25	21	100	843	6.45		1.27	10	1.81	340	1
92EL109	14	401370	6104060	CHEMEX	0.1	8.89	14	420	1	0.16	0.25	18	60	271	5.99		0.19	10	1.15	245	2
92EL110	14	400690	6105150	CHEMEX	0.1	6.65	6	320	1	0.21	0.25	21	74	217	5.43		0.60	10	1.55	325	0.5
92EL111	14	399990	6105640	BC-3	0.4	7.92	1	317	17	0.25	1.1	30	78	224	6.79	98	0.68	24	2.18	484	6
92EL112	14	398790	6105380	CHEMEX	0.1	5.86	12	220	1	0.16	0.25	16	91	146	5.48		0.96	10	1.54	330	1
92EL113	14	404500	6097150	CHEMEX	0.1	8.40	14	250	2	0.16	0.25	13	68	585	6.65		0.37	10	1.24	290	2
92EL114	14	403590	6097590	CHEMEX	0.1	4.02	8	390	1	0.29	0.25	13	79	203	4.69		0.49	10	1.24	270	0.5
92EL115	14	403190	6097780	CHEMEX	0.1	8.10	18	430	1	0.21	0.25	25	79	163	6.85		0.68	10	1.50	410	1
92EL116	14	401510	6098800	CHEMEX	0.2	6.90	12	270	1	0.38	0.25	24	85	82	6.74		0.68	10	1.57	365	1
92EL117	14	400640	6095490	CHEMEX	0.1	4.54	32	500	1	1.45	0.25	21	114	184	6.05		1.59	20	2.51	585	1
92EL118	14	400640	6094950	CHEMEX	0.1	4.24	48	460	1	3.05	0.25	22	98	119	5.60		1.64	20	2.90	620	0.5
92EL119	14	400300	6093890	CHEMEX	0.1	4.36	16	380	2	0.60	0.25	20	103	178	4.86		0.97	20	1.75	365	0.5
92EL120	14	399350	6093780	CHEMEX	0.1	5.11	16	440	2	0.48	0.25	27	157	164	6.48		1.31	20	2.03	405	0.5
92EL121	14	398840	6093870	CHEMEX	0.1	4.63	8	240	2	0.17	0.25	21	108	49	5.48		1.22	10	1.63	360	0.5
92EL122	14	398660	6094220	CHEMEX	0.2	7.15	52	400	1	0.31	0.25	39	129	94	8.87		0.73	10	1.45	350	2
92EL123	14	398370	6095350	CHEMEX	0.1	4.84	8	180	4	0.22	0.25	21	130	76	5.24		0.68	10	1.73	330	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL074	1.87	52	10000	8	1	13	27	0.17	137	122
92EL075	1.75	64	5610	6	1	10	24	0.21	134	100
92EL076	0.94	59	2370	10	1	12	14	0.24	153	114
92EL077	1.24	45	4890	4	1	18	45	0.17	89	96
92EL078	1.29	65	4030	8	1	13	23	0.31	148	152
92EL079	1.11	50	1440	2	1	14	16	0.16	132	108
92EL080	1.97	74		28	44	10	24		129	130
92EL081	1.39	99	3580	8	1	10	43	0.18	129	116
92EL082	1.23	95	2780	4	1	11	38	0.19	167	122
92EL083	0.54	74	1160	6	1	9	24	0.22	112	106
92EL084	1.27	207		36	93	48	23		112	93
92EL085	0.95	49	1230	6	1	10	19	0.28	147	142
92EL086	0.90	53	1400	10	1	10	27	0.26	130	132
92EL087	1.19	105	1820	12	1	19	21	0.23	217	132
92EL088	0.65	51	1440	4	1	11	25	0.30	177	116
92EL089	1.20	124	1800	14	1	18	25	0.25	226	142
92EL090	1.41	74	2960	6	1	11	24	0.24	167	146
92EL091	1.21	60	2500	8	2	10	17	0.24	163	134
92EL092	1.10	62	1480	8	1	10	24	0.28	154	122
92EL093	1.41	107	1820	4	1	11	20	0.26	156	122
92EL094	1.52	81	3250	4	1	15	17	0.16	179	148
92EL095	0.86	116	2590	2	4	11	16	0.18	157	92
92EL096	1.10	164	1720	8	1	13	35	0.15	133	136
92EL097	1.32	66	5080	8	2	12	25	0.12	138	122
92EL098	1.05	47	1300	4	1	13	13	0.23	159	124
92EL099	0.64	48	670	4	1	10	27	0.26	121	124
92EL100	1.09	119	1720	6	1	11	19	0.24	158	146
92EL101	0.97	44	920	2	1	13	24	0.32	130	144
92EL102	1.01	38	2030	4	1	11	26	0.25	128	120
92EL103	1.39	26	7400	14	1	26	44	0.36	117	106
92EL104	1.33	63		25	48	12	20		104	224
92EL105	1.19	68	2350	10	1	13	27	0.29	111	106
92EL106	1.06	33	990	4	1	10	23	0.23	103	90
92EL107	1.21	60		28	38	12	23		96	106
92EL108	1.01	40	1390	12	1	12	14	0.31	165	186
92EL109	1.39	42	4130	12	1	11	12	0.18	112	96
92EL110	0.75	32	1290	4	1	11	13	0.25	114	104
92EL111	1.24	51		24	38	16	13		108	138
92EL112	0.85	36	2560	6	1	11	12	0.23	101	132
92EL113	1.28	29	5720	8	1	18	8	0.21	109	132
92EL114	0.73	25	780	2	1	11	18	0.19	116	112
92EL115	1.34	50	2910	10	6	11	26	0.23	114	122
92EL116	0.79	47	1650	10	2	11	21	0.25	139	190
92EL117	0.55	52	900	14	1	17	26	0.29	141	190
92EL118	0.58	46	700	8	1	15	70	0.29	130	180
92EL119	0.58	50	1060	10	1	15	26	0.22	99	124
92EL120	0.52	92	790	8	1	19	22	0.30	132	124
92EL121	0.66	46	900	6	1	14	11	0.30	120	122
92EL122	1.62	132	4430	8	1	14	26	0.28	159	108
92EL123	0.65	48	1190	6	1	15	9	0.27	115	108

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL124	14	398310	6096710	CHEMEX	0.1	4.26	14	380	4	0.46	0.25	23	129	88	5.53		1.01	30	1.96	450	0.5
92EL125	14	398020	6098050	CHEMEX	0.1	4.53	18	430	4	0.61	0.25	25	161	83	6.19		1.47	20	2.29	495	0.5
92EL126	14	398380	6098800	CHEMEX	0.1	7.05	38	270	2	0.15	0.25	31	186	115	8.37		0.65	10	1.67	340	9
92EL127	14	399800	6095570	CHEMEX	0.1	4.13	8	410	2	0.79	0.25	23	109	112	5.50		1.52	20	2.17	560	0.5
92EL128	14	399710	6096940	CHEMEX	0.1	3.41	2	300	2	0.61	0.25	19	85	63	4.34		0.72	20	1.47	410	0.5
92EL129	14	399220	6097970	CHEMEX	0.1	4.40	22	520	4	1.30	0.25	24	108	168	6.40		1.61	10	2.25	465	0.5
92EL130	14	397760	6099690	CHEMEX	0.1	4.73	8	260	2	0.31	0.25	20	107	29	4.66		1.10	10	1.60	335	0.5
92EL131	14	400490	6098980	CHEMEX	0.1	7.10	6	310	2	0.13	0.25	19	103	93	5.42		0.48	10	1.40	270	0.5
92EL132	14	399380	6099530	CHEMEX	0.1	5.73	14	260	1	0.25	0.25	21	105	65	5.40		1.08	5	1.72	380	1
92EL133	14	387510	6073940	CHEMEX	0.2	5.98	12	160	4	0.30	0.25	22	117	83	5.32		0.21	10	1.60	325	0.5
92EL134	14	387400	6072980	CHEMEX	0.1	7.57	38	200	4	0.20	0.25	25	89	136	4.93		0.15	10	1.04	215	2
92EL135	14	387450	6072030	CHEMEX	0.1	4.54	14	260	4	0.29	0.25	20	106	47	4.66		0.68	10	1.46	295	1
92EL136	14	387100	6071230	CHEMEX	0.1	7.26	40	270	1	0.19	0.25	20	85	164	5.77		0.35	10	1.35	240	0.5
92EL137	14	387090	6070280	CHEMEX	0.1	6.49	58	230	1	0.35	0.25	21	75	96	7.01		0.31	10	1.12	270	5
92EL138	14	386120	6069700	CHEMEX	0.2	6.19	16	260	1	0.28	0.25	28	140	105	4.84		0.42	5	1.62	300	0.5
92EL139	14	386310	6070630	BC-3	0.3	8.10	7	259	16	0.45	0.8	38	114	157	6.35	52	0.47	20	1.99	415	4
92EL140	14	386450	6071340	BC-3	0.4	6.33	3	230	15	0.43	1.3	31	99	152	5.83	46	0.61	21	1.99	439	6
92EL141	14	386590	6072350	CHEMEX	0.1	4.28	20	250	4	0.38	0.25	23	91	109	4.67		0.61	10	1.56	375	0.5
92EL142	14	386510	6073640	CHEMEX	0.2	5.25	12	210	4	0.30	0.25	19	113	78	4.87		0.48	10	1.60	305	0.5
92EL143	14	387120	6075870	CHEMEX	0.1	5.76	36	340	1	0.29	0.25	24	124	72	5.74		0.85	10	1.78	395	0.5
92EL144	14	386190	6075930	CHEMEX	0.1	7.59	14	250	4	0.27	0.25	22	112	147	6.39		0.51	10	1.51	365	0.5
92EL145	14	386400	6074950	CHEMEX	0.1	4.42	22	270	2	0.30	0.25	22	131	62	4.87		1.14	10	1.92	470	0.5
92EL146	14	387500	6074860	CHEMEX	0.1	4.93	8	330	4	0.27	0.25	21	140	80	5.27		1.23	10	1.87	445	0.5
92EL147	14	385260	6075430	CHEMEX	0.1	8.00	24	200	1	0.25	0.25	28	114	226	6.86		0.42	10	1.57	355	1
92EL148	14	385320	6074610	CHEMEX	0.2	5.98	14	350	2	0.31	0.25	22	122	82	5.15		0.72	10	1.71	365	0.5
92EL149	14	385050	6073530	CHEMEX	0.1	5.16	20	360	4	0.41	0.25	27	131	114	6.18		1.70	20	1.88	585	0.5
92EL150	14	384520	6072870	CHEMEX	0.1	5.44	8	320	4	0.43	0.25	29	129	204	5.59		1.30	10	1.95	520	0.5
92EL151	14	384430	6071280	CHEMEX	0.1	5.77	14	340	2	0.34	0.25	26	132	108	5.52		0.91	10	1.85	450	1
92EL152	14	384210	6072180	CHEMEX	0.1	6.81	24	180	2	0.22	0.25	19	87	116	5.30		0.26	10	1.34	310	0.5
92EL153	14	400480	6073230	CHEMEX	0.1	5.74	16	180	2	0.65	0.25	24	61	182	6.49		0.28	10	1.76	340	0.5
92EL154	14	399650	6072860	CHEMEX	0.1	7.74	38	200	1	0.73	0.25	49	69	353	8.17		0.35	10	1.69	535	1
92EL155	14	397460	6068490	CHEMEX	0.1	3.52	8	290	4	2.21	0.25	19	91	116	4.57		0.90	20	1.93	460	0.5
92EL156	14	395520	6094900	CHEMEX	0.1	7.55	32	350	4	0.25	0.25	25	118	125	6.10		0.74	20	1.64	375	1
92EL157	14	394890	6094230	CHEMEX	0.1	7.09	16	300	2	0.46	0.25	28	121	1805	5.54		0.85	20	1.68	330	0.5
92EL158	14	395480	6093080	CHEMEX	0.1	6.10	16	190	4	0.21	0.25	19	114	60	5.61		0.73	10	1.49	335	0.5
92EL159	14	392580	6094300	CHEMEX	0.1	3.99	32	200	2	0.14	0.25	17	58	112	4.15		0.27	5	0.78	180	1
92EL160	14	391790	6093400	CHEMEX	0.1	5.05	22	280	2	0.39	0.25	31	124	324	5.11		0.76	20	1.89	380	2
92EL161	14	391790	6092710	CHEMEX	0.1	4.59	14	390	6	0.39	0.25	23	113	95	5.39		0.69	30	1.67	380	0.5
92EL162	14	393160	6091700	CHEMEX	0.1	5.51	60	320	4	0.41	0.25	34	115	141	5.87		1.35	10	1.77	610	1
92EL163	14	394330	6091370	BC-3	0.5	5.66	8	343	15	0.32	2.5	33	93	152	5.84	51	0.61	25	1.66	402	5
92EL164	14	393880	6089890	CHEMEX	0.1	4.87	6	330	2	0.25	0.25	24	144	86	5.76		1.34	10	1.84	385	0.5
92EL165	14	392100	6070540	BC-3	0.3	8.59	5	172	12	0.40	1.4	31	62	122	4.56	156	0.21	18	1.17	288	8
92EL166	14	392690	6073880	BC-3	0.3	7.55	5	232	14	0.24	0.9	25	75	118	6.49	214	0.28	29	1.19	294	4
92EL167	14	391700	6075980	BC-3	0.4	8.51	3	144	10	0.14	0.6	12	85	40	3.56	45	0.23	25	1.11	225	2
92EL168	14	373290	6093700	CHEMEX	0.1	6.66	68	300	4	0.55	0.25	23	97	189	6.41		0.47	30	1.51	425	1
92EL169	14	373920	6094440	CHEMEX	0.1	7.57	40	250	2	0.31	0.25	23	104	120	5.41		0.25	10	1.37	285	0.5
92EL170	14	374700	6091240	CHEMEX	0.1	7.85	34	240	2	0.30	0.25	22	91	102	5.86		0.20	10	1.18	310	0.5
92EL171	14	375690	6092030	CHEMEX	0.1	6.87	110	230	2	0.40	0.25	20	72	136	5.61		0.28	10	1.24	420	1
92EL172	14	375790	6093680	CHEMEX	0.1	4.28	38	300	1	0.41	0.25	15	89	96	4.53		0.33	20	1.31	350	0.5
92EL173	14	377320	6093390	CHEMEX	0.1	4.74	26	160	1	0.18	0.25	9	49	83	2.87		0.09	10	0.59	145	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL124	0.54	57	750	8	1	17	24	0.27	123	120
92EL125	0.80	70	1040	6	1	18	24	0.27	142	134
92EL126	1.05	74	3040	20	1	15	9	0.26	169	116
92EL127	0.74	54	1020	6	1	19	25	0.27	118	186
92EL128	0.82	43	1040	6	1	14	25	0.19	95	104
92EL129	0.45	50	890	1	1	21	36	0.34	150	168
92EL130	0.60	50	930	8	1	11	24	0.25	100	130
92EL131	0.82	40	1860	8	1	15	10	0.23	97	100
92EL132	0.79	49	1270	6	1	14	15	0.29	122	118
92EL133	1.06	55	1770	14	1	12	16	0.25	128	110
92EL134	0.70	55	2100	18	1	9	24	0.18	95	70
92EL135	0.66	48	830	10	1	11	30	0.27	122	110
92EL136	0.91	43	1750	10	1	11	16	0.17	124	70
92EL137	1.12	36	2220	8	1	10	33	0.23	181	112
92EL138	0.99	67	1110	4	1	11	24	0.20	86	94
92EL139	1.29	75		32	37	12	31		117	106
92EL140	1.96	62		31	42	10	17		108	114
92EL141	0.74	50	790	10	1	12	24	0.20	106	100
92EL142	0.86	48	1510	6	1	11	16	0.29	106	108
92EL143	0.94	57	1230	8	1	14	15	0.31	137	128
92EL144	0.91	52	2950	14	4	15	16	0.25	123	106
92EL145	0.58	52	580	6	1	14	16	0.30	123	130
92EL146	0.67	57	640	10	1	15	16	0.34	123	134
92EL147	1.22	53	3130	16	1	20	12	0.31	144	110
92EL148	0.84	56	1290	8	1	14	15	0.24	125	114
92EL149	0.64	62	1200	12	1	16	29	0.30	134	158
92EL150	0.57	55	630	8	1	16	27	0.29	132	132
92EL151	0.84	59	930	10	1	14	20	0.26	128	122
92EL152	1.36	42	3480	14	1	11	11	0.22	109	102
92EL153	1.14	35	1980	12	1	16	28	0.13	159	88
92EL154	1.71	63	5300	18	1	19	16	0.25	190	92
92EL155	0.45	54	1220	6	1	12	51	0.16	82	136
92EL156	1.02	52	2230	14	1	16	15	0.32	130	112
92EL157	0.77	132	1600	2	1	16	23	0.24	105	124
92EL158	1.07	48	3480	14	1	12	18	0.26	115	128
92EL159	0.61	38	1900	12	2	8	7	0.16	89	62
92EL160	0.85	75	1080	6	1	13	22	0.29	119	146
92EL161	0.98	53	850	6	1	16	44	0.24	107	108
92EL162	0.58	65	830	14	1	13	25	0.26	115	150
92EL163	0.85	83		23	39	9	13		104	96
92EL164	0.74	60	860	6	1	12	15	0.38	137	134
92EL165	1.90	76		19	21	8	13		73	69
92EL166	1.60	53		25	31	8	15		94	100
92EL167	0.61	37		20	13	9	7		78	.78
92EL168	0.05	51	490	8	1	14	49	0.29	126	94
92EL169	1.21	55	1360	12	1	11	42	0.23	109	86
92EL170	1.15	43	3300	6	1	10	28	0.26	114	90
92EL171	1.42	39	4510	16	1	9	36	0.23	97	92
92EL172	1.12	35	1120	6	1	10	45	0.21	90	84
92EL173	0.93	25	2580	6	4	6	13	0.14	47	40

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92EL174	14	379720	6092480	CHEMEX	0.1	4.41	14	100	2	0.06	0.25	6	38	63	1.89		0.19	10	0.49	105	0.5
92EL175	14	383620	6086700	CHEMEX	0.1	5.93	14	280	2	0.20	0.25	20	107	62	4.95		0.27	10	1.33	260	0.5
92EL176	14	384570	6087770	CHEMEX	0.1	5.45	20	320	4	0.40	0.25	26	130	108	6.51		1.47	20	1.95	540	0.5
92EL177	14	384770	6089080	CHEMEX	0.1	4.92	20	340	2	0.38	0.25	17	116	82	5.54		1.22	20	1.64	430	0.5
92EL178	14	395020	6082850	BC-3	0.5	6.69	5	321	15	0.30	2.0	39	108	133	6.45	55	0.81	22	1.93	501	4
92EL179	14	391440	6083600	CHEMEX	0.1	6.47	34	390	2	0.24	0.25	21	118	106	5.42		0.66	10	1.54	355	0.5
92EL180	14	385990	6083740	CHEMEX	0.1	9.40	20	430	4	0.10	0.25	25	115	145	6.48		0.30	10	1.21	270	1
92EL181	14	386800	6084710	CHEMEX	0.1	6.20	16	420	1	0.81	0.25	18	126	82	6.01		0.81	20	1.63	345	0.5
92EL183	14	404300	6101070	CHEMEX	0.1	5.74	8	220	2	0.49	0.25	24	70	160	6.14		0.93	5	1.91	390	0.5
92EL184	14	404330	6100470	CHEMEX	0.1	3.96	8	300	1	2.02	0.25	21	65	177	5.94		1.08	10	2.58	525	0.5
92EL185	14	402990	6100800	CHEMEX	0.1	5.62	2	590	2	0.57	0.25	26	153	178	6.40		1.66	20	2.15	455	0.5
92HJB1000	13	687475	6082000	CHEMEX	0.2	5.32	10	280	1	0.42	0.25	22	123	238	4.82	5	1.20	40	1.72	510	1
92HJB1001	13	686650	6084650	CHEMEX	0.2	7.89	1	360	2	0.09	0.25	23	159	141	5.14	30	0.68	30	1.60	240	2
92HJB1002	13	683450	6083860	CHEMEX	0.1	5.67	2	400	1	0.32	0.25	22	174	100	6.76	30	0.82	20	1.92	295	1
92HJB1003	13	673075	6083150	CHEMEX	0.1	8.99	1	170	1	0.24	0.25	18	130	75	5.51	50	0.46	30	1.40	275	1
92HJB1004A	13	669685	6082550	CHEMEX	0.1	5.27	1	270	2	0.28	0.25	22	155	80	5.45	20	0.97	20	2.01	400	1
92HJB1005A	14	311100	6080645	CHEMEX		8.06	234	250	2	0.36	0.25	41	304	142	8.06	50	0.93	10	2.50	585	0.5
92HJB1005B	14	311100	6080645	CHEMEX	0.1	6.35	2	470	4	0.70	0.25	30	465	144	6.29	40	1.37	20	4.17	545	1
92HJB1006	14	312850	6078675	CHEMEX	0.2	7.50	1	420	2	0.91	0.25	27	160	79	5.64	60	0.49	70	1.59	455	1
92HJB1007	14	312475	6075200	CHEMEX	0.2	7.14	42	170	4	0.24	0.25	26	460	155	6.13	140	0.45	20	2.25	325	1
92HJB1008	14	311650	6081425	CHEMEX	0.1	4.98	88	320	1	0.41	0.25	24	161	69	5.43	30	1.08	20	2.15	440	1
92HJB1009	14	315300	6080945	CHEMEX	0.1	4.46	18	290	1	0.88	0.25	29	171	269	5.81	5	1.33	30	2.55	565	1
92HJB1010	14	314050	6081200	CHEMEX	0.1	6.69	10	220	1	0.25	0.25	19	143	60	5.20	40	0.65	10	1.85	350	1
92HJB1011	14	307300	6078400	CHEMEX	0.2	6.78	20	350	1	0.54	0.25	29	144	337	6.81	100	0.59	40	1.54	1315	2
92HJB1012	14	309550	6077250	CHEMEX	0.1	6.02	4	350	4	0.51	0.25	25	145	238	5.74	40	0.85	30	1.50	525	1
92HJB1013	14	307125	6088275	CHEMEX	0.2	7.63	6	360	2	0.31	0.25	34	169	213	6.72	70	1.23	20	2.03	495	2
92HJB1014	13	692125	6086100	CHEMEX	0.1	6.69	30	320	2	0.24	0.25	22	149	67	6.62	50	1.01	20	1.69	450	3
92HJB1015A	13	692370	6085370	CHEMEX		5.54	22	330	4	0.37	0.25	24	186	146	5.78	30	0.92	20	2.19	445	0.5
92HJB1015B	13	692370	6085370	CHEMEX	0.1	5.15	18	170	2	0.25	0.25	19	133	54	5.18	20	0.74	10	1.72	340	1
92HJB1016	14	308100	6085100	CHEMEX	0.2	6.85	36	310	6	0.14	0.25	19	104	119	6.55	70	0.47	80	1.25	235	3
92HJB1017	14	309460	6083240	CHEMEX	0.2	8.90	10	140	4	0.14	0.25	17	129	130	5.59	100	0.25	30	1.35	270	2
92HJB1018	13	670305	6087650	CHEMEX	0.1	7.38	12	630	6	0.26	0.25	28	191	217	7.30	40	1.84	20	2.26	380	1
92HJB1019	13	670030	6086700	CHEMEX	0.1	6.68	10	300	4	0.29	0.25	34	148	89	6.48	40	0.61	10	1.62	355	5
92HJB1020	13	669645	6086165	CHEMEX	0.6	8.73	28	270	4	0.30	0.25	31	149	195	6.60	5	0.79	20	1.69	365	2
92HJB1021	13	668410	6085590	CHEMEX	0.1	6.90	1	410	6	0.23	0.25	27	194	83	7.24	40	1.43	10	2.14	345	3
92HJB1022A	13	668000	6083630	CHEMEX		7.74	2	320	4	0.28	0.25	32	162	212	6.80	50	0.99	20	1.87	390	2
92HJB1022B	13	668000	6083630	CHEMEX	0.2	7.57	6	330	2	0.35	0.25	34	155	153	6.29	5	1.05	10	1.80	355	1
92HJB1023	13	669320	6082150	CHEMEX	1.0	8.60	24	190	8	0.20	0.25	30	120	113	6.48	5	0.55	10	1.15	375	3
92HJB1024	13	664290	6083170	CHEMEX	0.1	7.38	16	380	4	0.33	0.25	38	157	183	6.20	50	1.32	10	1.91	410	3
92HJB1025A	13	690030	6079955	CHEMEX		5.48	14	230	2	0.65	0.25	24	127	122	6.46	20	0.90	30	2.10	765	0.5
92HJB1025B	13	690030	6079955	CHEMEX		5.41	2	240	6	0.45	0.25	24	140	136	6.65	40	1.04	30	2.01	655	0.5
92HJB1025C	13	690030	6079955	CHEMEX	0.1	4.81	1	200	1	0.37	0.25	22	156	78	5.79	20	1.20	20	2.17	470	1
92HJB1026	14	315110	6071280	CHEMEX	0.1	5.05	4	370	4	0.28	0.25	17	142	89	4.84	110	0.25	20	1.52	230	1
92HJB1027	14	312395	6072535	CHEMEX	0.2	5.50	1	440	1	0.55	0.5	28	163	229	5.95	160	0.90	20	1.97	765	1
92HJB1028	14	311180	6075365	CHEMEX	0.1	5.91	1	250	1	0.20	0.25	19	151	88	4.96	40	0.45	30	1.70	235	1
92HJB1029	13	686045	6079030	CHEMEX	0.1	7.45	4	260	6	0.32	0.25	23	168	118	5.70	50	0.74	20	1.85	385	1
92HJB1030	13	687395	6079170	CHEMEX	0.1	5.70	4	470	1	0.61	0.25	20	184	118	6.13	70	1.41	20	2.11	430	1
92HJB1031	13	688445	6078540	CHEMEX	0.1	6.78	1	310	2	0.44	0.25	27	291	200	5.19	30	0.83	30	2.58	460	1
92HJB1032	13	689750	6078590	CHEMEX	0.1	6.03	14	260	1	0.42	0.25	27	141	88	5.35	70	1.04	20	1.49	470	1
92HJB1033	13	675130	6080430	CHEMEX	0.2	8.69	28	550	1	0.63	0.25	28	185	228	6.86	100	0.68	40	1.58	345	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92EL174	0.70	18	4060	1	1	6	4	0.11	37	38
92EL175	1.16	43	1390	4	1	10	21	0.20	89	96
92EL176	0.57	60	880	8	1	16	31	0.32	121	154
92EL177	0.57	55	930	12	1	14	29	0.25	95	132
92EL178	1.89	93		28	39	11	14		105	124
92EL179	1.37	56	3040	12	1	12	16	0.29	112	118
92EL180	1.08	56	1830	14	1	14	15	0.24	123	104
92EL181	0.86	54	2430	4	1	19	31	0.27	107	130
92EL183	0.77	41	1000	6	1	16	16	0.27	130	112
92EL184	1.12	33	1120	4	1	21	23	0.24	125	134
92EL185	0.67	66	1140	10	1	21	16	0.39	160	172
92HJB1000	0.52	74	3790	4	1	18	14	0.24	114	130
92HJB1001	1.02	90	7100	16	1	16	12	0.24	127	160
92HJB1002	0.34	61	1040	6	1	19	21	0.35	170	104
92HJB1003	1.03	46	10000	18	1	15	10	0.07	123	122
92HJB1004A	0.40	67	1300	6	1	16	19	0.32	136	112
92HJB1005A	1.4	101	6530	6	1	23	13	0.10	250	126
92HJB1005B	1.11	102	4080	4	1	30	18	0.14	165	132
92HJB1006	0.32	64	2180	1	2	20	76	0.21	136	222
92HJB1007	0.65	130	3580	16	1	14	13	0.22	127	426
92HJB1008	0.25	62	560	1	1	19	23	0.37	139	118
92HJB1009	0.73	84	2860	1	1	21	24	0.12	140	156
92HJB1010	0.55	57	1650	16	2	13	20	0.24	111	122
92HJB1011	0.83	73	3350	20	1	29	30	0.13	128	364
92HJB1012	0.74	71	3300	12	1	19	20	0.22	118	98
92HJB1013	0.51	83	3820	2	1	21	12	0.28	151	134
92HJB1014	0.64	63	3110	12	4	17	18	0.29	158	128
92HJB1015A	0.34	68	1040	6	1	18	25	0.31	139	106
92HJB1015B	0.53	56	1960	8	1	12	21	0.25	116	116
92HJB1016	0.60	44	2060	12	1	12	11	0.12	107	202
92HJB1017	0.46	56	5540	12	1	19	8	0.27	126	170
92HJB1018	0.31	75	1200	8	1	24	25	0.41	186	132
92HJB1019	0.33	67	1500	12	1	14	14	0.29	157	130
92HJB1020	0.41	71	5710	18	1	19	20	0.28	128	92
92HJB1021	0.62	72	2370	1	1	19	14	0.38	195	124
92HJB1022A	0.75	79	3510	6	1	18	14	0.23	165	112
92HJB1022B	0.84	88	6460	12	1	18	14	0.07	149	110
92HJB1023	2.78	80	10000	12	1	11	16	0.15	129	110
92HJB1024	1.08	93	6900	1	1	18	13	0.07	154	126
92HJB1025A	0.58	45	1610	14	1	21	38	0.14	122	148
92HJB1025B	0.98	58	3150	10	1	22	24	0.18	140	140
92HJB1025C	0.87	58	2630	8	1	18	18	0.23	136	128
92HJB1026	0.67	52	1330	12	1	14	32	0.25	96	756
92HJB1027	1.13	72	5920	6	1	31	20	0.08	156	1118
92HJB1028	0.39	51	850	14	1	16	20	0.26	108	152
92HJB1029	0.47	53	1830	1	1	17	16	0.22	129	106
92HJB1030	0.51	66	1530	1	1	25	31	0.26	141	128
92HJB1031	0.99	91	4950	1	1	17	14	0.15	127	94
92HJB1032	1.33	80	9320	2	1	14	14	0.04	133	142
92HJB1033	0.54	77	1960	4	2	19	31	0.23	161	94

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB1034	13	676425	6079125	CHEMEX	0.1	8.43	1	280	2	0.43	0.25	27	225	142	5.89	80	0.62	20	1.98	340	3
92HJB1035	13	678350	6081120	CHEMEX	0.1	7.21	8	410	2	0.34	0.25	27	149	171	5.83	70	1.08	20	1.65	275	1
92HJB1036	13	679515	6078950	CHEMEX	0.1	6.18	30	320	14	0.34	0.25	34	156	160	7.10	40	0.74	20	1.57	515	3
92HJB1037	13	680540	6080490	CHEMEX	0.1	6.11	1	410	6	0.82	0.25	23	165	97	5.38	50	0.73	20	1.88	485	1
92HJB1038	13	681860	6079880	CHEMEX	0.1	6.52	20	230	8	0.31	0.25	26	126	96	5.77	40	0.74	10	1.53	460	1
92HJB1039	13	683640	6080240	CHEMEX	0.1	6.68	14	330	4	0.48	0.25	24	141	94	6.04	50	0.92	20	1.78	365	1
92HJB1040	13	685945	6077500	CHEMEX	0.1	6.43	4	250	8	0.19	0.25	18	130	56	4.93	30	0.16	20	1.42	215	1
92HJB1041	13	686740	6089930	CHEMEX	0.1	7.77	1	230	8	0.22	0.25	30	146	102	6.30	80	0.70	20	1.47	295	2
92HJB1042	13	685645	6088600	CHEMEX	0.1	7.89	1	170	6	0.16	0.25	20	134	109	6.08	70	0.55	20	1.57	335	1
92HJB1043A	13	684700	6087040	CHEMEX		7.48	54	180	2	0.18	0.25	22	119	96	6.14	60	0.57	10	1.37	280	3
92HJB1043B	13	684700	6087040	CHEMEX	0.1	7.15	42	170	6	0.17	0.25	22	125	78	6.04	50	0.53	10	1.41	250	2
92HJB1044	13	688230	6086440	CHEMEX	0.1	6.86	136	280	6	0.22	0.25	19	99	87	6.52	5	0.92	30	1.31	380	3
92HJB1045	14	312440	6071845	CHEMEX	0.1	5.65	26	240	2	0.45	0.25	25	159	277	6.01	130	1.04	30	1.97	630	1
92HJB1046	14	312950	6071425	CHEMEX	0.1	5.85	1	120	1	0.29	0.25	17	150	120	4.77	40	0.30	20	1.61	290	1
92HJB1047	13	687800	6080820	CHEMEX	0.1	6.81	4	230	8	0.41	0.25	22	159	193	6.67	50	0.74	20	1.65	520	1
92HJB1048	13	660550	6080305	CHEMEX	0.1	7.00	30	400	8	0.34	0.25	24	157	186	6.61	50	1.02	10	2.01	340	4
92HJB1049	14	313450	6076045	CHEMEX	0.2	5.34	92	470	6	0.46	0.25	23	134	172	5.93	50	1.19	30	1.77	520	1
92HJB1050	13	691160	6078895	CHEMEX	0.2	7.25	1	240	10	0.17	0.25	23	181	78	4.70	40	0.62	10	1.94	255	1
92HJB1051	14	315300	6080945	CHEMEX	0.2	4.91	1	440	10	0.42	0.25	19	157	117	6.01	20	2.11	20	2.23	490	1
92HJB2000	14	314175	6070150	CHEMEX	0.2	6.20	4	360	8	0.45	0.25	22	145	360	4.91	30	1.27	20	1.88	485	1
92HJB2001	14	311175	6063450	CHEMEX	0.1	5.58	6	370	8	0.48	0.25	28	164	271	5.88	30	0.91	20	2.23	645	1
92HJB2002	14	315875	6058330	CHEMEX	0.1	4.71	72	110	10	0.27	0.25	46	114	383	8.48	190	0.58	20	2.92	1165	1
92HJB2003	14	315550	6068665	CHEMEX	0.1	4.69	116	240	6	0.73	0.25	32	151	184	7.02	50	0.78	10	3.12	605	1
92HJB2004	14	307710	6056595	CHEMEX	0.1	4.87	4	250	2	0.30	0.25	19	146	93	5.35	20	0.90	10	1.95	360	1
92HJB2005	14	307775	6055360	CHEMEX	0.1	4.92	1	400	2	0.45	0.25	16	133	110	5.52	40	0.57	20	1.83	275	1
92HJB2006A	14	306770	6053380	CHEMEX		4.86	1	170	1	0.24	0.25	21	163	94	5.61	30	0.99	20	2.28	425	0.5
92HJB2006B	14	306770	6053380	CHEMEX	0.2	2.95	2	190	1	10.90	0.25	14	107	108	3.51	40	0.53	10	2.08	255	1
92HJB2007	13	691500	6063600	CHEMEX	0.1	4.42	1	400	10	0.46	0.25	22	168	124	5.49	20	1.83	20	2.41	500	1
92HJB2008	13	692525	6056525	CHEMEX	0.1	4.59	1	250	1	1.16	0.25	27	352	162	5.68	40	1.01	10	3.73	440	1
92HJB2009	13	693125	6055225	CHEMEX	0.1	3.59	1	120	2	0.42	0.25	48	77	263	5.96	130	0.69	30	1.69	355	1
92HJB2010	14	306580	6052440	CHEMEX	0.2	4.55	1	340	1	0.64	0.25	20	131	112	5.46	40	0.91	40	2.20	405	1
92HJB2011	13	691635	6046160	CHEMEX	0.1	4.00	8	260	4	1.25	0.25	22	147	125	5.24	50	1.01	20	2.63	440	1
92HJB2012	13	693775	6044510	CHEMEX	0.1	4.24	2	250	2	0.87	0.25	24	140	138	5.57	50	0.92	30	2.40	555	1
92HJB2013	14	306775	6043300	CHEMEX	0.2	2.73	8	180	4	5.93	0.25	24	99	125	3.76	60	0.57	30	4.05	430	1
92HJB2014	13	689075	6042875	CHEMEX	0.1	4.31	2	190	4	1.11	0.25	35	453	138	5.33	50	0.66	10	4.31	490	1
92HJB2015	13	686600	6043075	CHEMEX	0.1	5.46	6	270	4	0.37	0.25	32	231	96	6.59	30	1.35	20	2.75	605	1
92HJB2016	13	685250	6045050	CHEMEX	0.1	3.44	1	120	6	2.47	0.25	27	100	87	5.97	50	0.68	20	2.50	360	1
92HJB2017A	13	685390	6048790	CHEMEX		4.58	1	250	4	0.30	0.25	19	127	60	4.87	20	1.27	20	1.87	315	0.5
92HJB2017B	13	685390	6048790	CHEMEX	0.1	5.59	1	250	4	0.46	0.25	26	135	104	5.97	30	1.13	20	2.22	380	1
92HJB2018A	13	685260	6051625	CHEMEX		4.64	1	110	4	0.33	0.25	20	126	69	4.87	30	0.28	10	1.95	365	0.5
92HJB2018B	13	685260	6051625	CHEMEX	0.1	5.58	1	210	8	0.32	0.25	20	139	119	5.51	50	0.43	20	1.90	295	1
92HJB2019	13	686710	6053940	CHEMEX	0.1	1.97	42	150	2	15.00	0.25	15	67	113	2.70	80	0.19	5	1.80	210	1
92HJB2020	13	687750	6055685	CHEMEX	0.1	5.93	22	230	4	1.08	0.25	62	157	700	7.84	30	0.65	20	2.99	880	2
92HJB2021	14	311175	6043700	CHEMEX	0.1	3.53	8	160	1	3.65	0.25	26	104	124	5.05	90	0.70	20	2.94	490	1
92HJB2022	14	312255	6045920	CHEMEX	0.2	4.29	2	290	2	0.74	0.25	20	114	92	5.22	50	0.85	30	2.11	515	1
92HJB2023	14	313420	6045040	CHEMEX	0.1	4.57	1	150	1	0.67	0.25	21	124	131	5.09	210	0.55	30	2.54	495	1
92HJB2024	14	313000	6047785	CHEMEX	0.1	3.73	8	240	2	3.53	0.25	22	125	98	4.90	100	0.93	20	2.57	460	1
92HJB2025	14	313230	6049650	CHEMEX	0.1	3.74	20	220	1	0.52	0.25	27	98	120	5.44	80	0.68	30	2.01	510	1
92HJB2026A	13	680025	6049500	CHEMEX		3.97	1	400	6	4.47	0.25	24	266	100	5.09	30	1.55	20	2.78	345	0.5
92HJB2026B	13	680025	6049500	CHEMEX	0.1	4.47	1	450	8	1.91	0.25	31	319	145	6.06	40	1.80	20	3.24	460	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB1034	0.39	83	2040	8	1	15	25	0.26	130	104
92HJB1035	0.53	77	1530	4	4	16	20	0.24	118	116
92HJB1036	0.38	70	1640	8	1	15	16	0.26	149	98
92HJB1037	0.32	57	1490	4	4	20	39	0.24	111	122
92HJB1038	0.49	55	1670	4	4	14	16	0.22	126	88
92HJB1039	0.41	65	1210	12	1	16	35	0.24	135	114
92HJB1040	0.72	45	1580	10	1	13	16	0.19	104	132
92HJB1041	1.11	71	7130	16	1	17	11	0.08	134	118
92HJB1042	1.29	46	7490	18	1	16	9	0.06	132	98
92HJB1043A	1.19	51	6840	4	2	12	10	0.10	138	96
92HJB1043B	1.23	50	7170	4	1	12	10	0.09	137	86
92HJB1044	0.51	51	2620	14	1	16	13	0.29	110	170
92HJB1045	1.12	81	5480	14	4	23	22	0.07	128	170
92HJB1046	0.72	52	4230	6	1	13	18	0.19	107	244
92HJB1047	1.00	61	4390	12	1	25	17	0.12	142	132
92HJB1048	0.32	70	1830	10	2	18	16	0.36	164	128
92HJB1049	0.41	73	1130	4	1	19	33	0.21	122	136
92HJB1050	0.92	68	3500	12	1	14	12	0.20	92	182
92HJB1051	0.27	75	930	10	2	20	24	0.36	140	172
92HJB2000	0.68	70	3460	8	1	17	32	0.28	109	618
92HJB2001	0.49	74	1680	4	1	22	25	0.30	137	206
92HJB2002	1.11	66	6870	2	2	33	12	0.08	151	214
92HJB2003	0.53	65	1600	2	4	22	23	0.12	150	136
92HJB2004	0.36	67	810	8	1	15	32	0.20	113	108
92HJB2005	0.45	51	1620	6	2	18	49	0.14	106	90
92HJB2006A	0.9	59	3680	1	1	17	15	0.15	108	94
92HJB2006B	0.96	32	4580	6	2	11	120	0.08	70	60
92HJB2007	0.56	71	1630	1	1	18	22	0.31	137	150
92HJB2008	0.55	101	1550	1	1	20	42	0.16	112	94
92HJB2009	0.30	46	1580	6	2	23	12	<0.01	50	52
92HJB2010	0.47	60	1440	2	2	18	42	0.13	107	102
92HJB2011	0.63	59	2130	2	4	16	27	0.15	113	106
92HJB2012	0.80	67	2450	4	1	17	26	0.20	116	118
92HJB2013	0.28	52	1340	2	2	9	38	0.09	68	82
92HJB2014	0.51	170	1340	1	1	24	16	0.11	109	74
92HJB2015	0.67	102	2750	1	4	23	16	0.27	149	112
92HJB2016	0.91	61	4110	2	1	18	20	0.08	123	74
92HJB2017A	0.68	59	3140	1	1	16	29	0.20	117	110
92HJB2017B	0.51	65	1810	1	1	23	33	0.22	138	114
92HJB2018A	0.65	54	2330	1	1	15	19	0.24	133	94
92HJB2018B	1.21	59	4400	1	2	21	23	0.18	127	92
92HJB2019	0.19	30	1230	1	2	9	198	0.11	81	36
92HJB2020	0.36	180	1870	1	2	29	37	0.40	216	102
92HJB2021	0.55	55	1970	1	1	14	29	0.09	92	86
92HJB2022	0.27	65	1520	1	4	15	31	0.19	102	122
92HJB2023	0.62	77	3850	1	2	24	16	0.11	97	96
92HJB2024	0.53	53	2120	1	2	15	21	0.19	106	104
92HJB2025	0.33	55	1370	1	1	16	20	0.12	99	100
92HJB2026A	0.37	94	1310	1	2	17	95	0.30	141	118
92HJB2026B	0.25	122	1030	1	1	20	56	0.35	161	140

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB2027	13	677650	6048900	CHEMEX	0.1	4.72	4	230	6	0.36	0.25	30	168	90	6.32	20	1.10	20	2.50	530	1
92HJB2028	13	684425	6055400	CHEMEX	0.2	2.94	90	300	2	6.93	0.25	29	102	96	4.21	60	0.76	10	1.98	410	1
92HJB2029	14	310725	6049600	CHEMEX	0.1	3.44	16	180	2	3.02	0.25	21	106	162	4.63	80	0.70	30	3.45	475	1
92HJB2030	14	309800	6047950	CHEMEX	0.1	3.54	14	190	2	6.58	0.25	24	123	160	4.81	40	0.58	20	2.92	410	1
92HJB2031	14	309150	6046050	CHEMEX	0.1	3.35	18	200	1	2.51	0.25	24	118	125	4.51	40	0.84	20	2.86	420	1
92HJB2032A	14	307625	6044825	CHEMEX		4.14	2	260	4	0.90	0.25	19	128	108	5.22	70	1.06	40	2.01	445	0.5
92HJB2032B	14	307625	6044825	CHEMEX	0.2	4.06	1	300	4	0.70	0.25	17	120	76	4.73	40	1.16	30	2.05	370	1
92HJB2033	13	686050	6059375	CHEMEX	0.1	4.29	1	220	2	0.25	0.25	22	117	42	4.73	30	1.06	20	1.87	375	1
92HJB2034	13	684000	6058150	CHEMEX	0.1	5.45	22	250	4	0.36	0.25	22	180	184	6.39	130	0.71	20	2.29	345	1
92HJB2035	13	686500	6063350	CHEMEX	0.2	3.65	82	240	10	0.50	0.25	37	106	191	7.56	160	0.70	20	1.80	640	2
92HJB2036A	13	691200	6064900	CHEMEX		4.62	6	300	6	0.27	0.25	22	150	70	4.76	30	1.12	10	1.77	465	0.5
92HJB2036B	13	691200	6064900	CHEMEX		3.76	12	320	1	0.39	0.25	19	157	124	4.96	30	1.46	30	2.05	410	0.5
92HJB2036C	13	691200	6064900	CHEMEX	0.1	3.59	18	350	2	0.48	0.25	21	204	163	4.87	50	1.22	30	2.15	510	1
92HJB2037A	14	310715	6056350	CHEMEX		5.43	20	350	1	0.50	0.25	28	203	151	6.08	50	0.69	20	2.47	420	1
92HJB2037B	14	310715	6056350	CHEMEX	0.1	4.24	28	290	1	0.63	0.25	29	150	243	5.74	130	0.73	70	2.36	545	1
92HJB2038A	14	310280	6055230	CHEMEX		4.83	26	310	1	0.27	0.25	23	150	118	5.99	40	1.27	40	2.15	575	1
92HJB2038B	14	310280	6055230	CHEMEX	0.1	3.37	12	340	1	3.21	0.25	18	119	71	4.27	30	1.03	30	2.40	445	1
92HJB2039	14	308570	6054825	CHEMEX	0.1	4.68	16	370	1	0.47	0.25	25	158	88	6.12	40	0.79	40	2.32	645	1
92HJB2040	13	687800	6052500	CHEMEX	0.1	6.39	12	170	1	0.55	0.25	33	339	151	6.14	20	0.23	20	3.62	425	1
92HJB2041	13	686400	6050720	CHEMEX	0.1	4.66	14	200	4	0.31	0.25	22	164	40	4.60	20	0.50	10	2.09	345	1
92HJB2042A	13	684490	6066000	CHEMEX		5.48	36	130	1	0.24	0.25	26	275	75	5.58	5	0.44	20	2.08	485	2
92HJB2042B	13	684490	6066000	CHEMEX	0.1	3.75	20	130	1	0.42	0.25	39	949	54	4.91	120	0.46	10	5.76	525	1
92HJB2043	13	681475	6067195	CHEMEX	0.1	4.95	12	460	1	0.52	0.25	44	844	114	6.76	160	1.06	120	6.25	575	1
92HJB2044	13	679400	6070775	CHEMEX	0.1	5.95	40	250	1	0.27	0.25	30	188	131	6.37	50	0.71	20	1.89	590	1
92HJB2045	13	677805	6070455	CHEMEX	0.1	6.37	12	400	2	0.15	0.25	27	205	89	7.35	20	1.81	20	2.61	405	2
92HJB2046	13	679100	6068525	CHEMEX	0.1	4.82	42	210	4	0.19	0.25	24	128	55	5.25	20	1.03	20	1.76	435	1
92HJB2047	13	677625	6067105	CHEMEX	0.1	4.98	220	300	1	0.20	0.25	30	176	108	6.82	30	1.53	30	2.24	550	2
92HJB2048	13	676050	6067860	CHEMEX	0.2	5.15	398	270	2	0.41	0.25	22	199	265	9.42	150	0.96	30	2.51	340	4
92HJB2049A	13	676560	6065775	CHEMEX		4.19	70	180	1	0.22	0.25	24	152	49	5.17	40	0.83	10	1.92	430	1
92HJB2049B	13	676560	6065775	CHEMEX	0.2	4.63	228	340	1	0.43	0.25	22	154	147	7.04	90	0.95	30	2.06	415	2
92HJB2050	13	674395	6067025	CHEMEX	0.1	4.34	16	360	2	0.50	0.25	23	148	243	5.61	50	1.17	30	2.08	455	1
92HJB2051A	13	676400	6064050	CHEMEX		4.89	130	290	1	0.23	0.25	29	171	83	6.29	60	1.54	20	2.27	470	1
92HJB2051B	13	676400	6064050	CHEMEX	0.2	4.85	220	380	2	0.29	0.25	30	180	151	6.93	290	1.36	30	2.36	590	2
92HJB2052	13	674900	6063945	CHEMEX	0.1	5.45	44	350	4	0.30	0.25	37	218	136	7.34	40	1.56	10	2.43	490	4
92HJB2053	13	673625	6062475	CHEMEX	0.1	6.46	42	280	4	0.22	0.25	30	182	117	6.71	30	1.07	10	2.48	415	2
92HJB2054	13	675500	6061475	CHEMEX	0.6	6.14	598	300	1	0.29	0.25	39	139	555	10.30	210	0.98	40	1.99	940	11
92HJB2055	13	672330	6061150	CHEMEX	0.1	7.54	22	370	1	0.44	0.25	27	204	139	5.77	60	0.92	10	2.26	295	1
92HJB2056	13	672265	6055000	CHEMEX	0.1	4.77	16	260	4	0.24	0.25	22	152	61	5.37	30	1.10	20	2.15	405	1
92HJB2057	13	672060	6058275	CHEMEX	0.1	6.00	14	200	1	0.22	0.25	24	184	78	5.12	50	0.81	20	2.28	285	1
92HJB2058	13	674155	6059630	CHEMEX	0.1	5.43	166	360	1	0.28	0.25	37	167	128	7.74	50	1.32	20	2.28	575	4
92HJB2059	13	674680	6057075	CHEMEX	0.1	6.54	16	530	1	0.30	0.25	25	220	130	7.29	30	1.51	20	2.70	385	1
92HJB2060	13	679150	6056530	CHEMEX	0.1	6.24	16	170	1	0.49	0.25	33	262	179	6.90	50	0.17	10	3.44	440	1
92HJB2061	13	676475	6056630	CHEMEX	0.1	5.71	36	490	2	0.31	0.25	32	212	98	6.60	20	1.97	20	2.69	590	1
92HJB2062	13	677535	6058835	CHEMEX	0.1	5.41	40	380	1	0.21	0.25	30	175	109	6.46	30	1.00	20	2.39	630	3
92HJB2063A	13	677900	6060885	CHEMEX		5.23	26	280	1	0.33	0.25	24	164	78	5.48	20	1.13	10	2.15	320	0.5
92HJB2063B	13	677900	6060885	CHEMEX	0.1	5.65	20	430	1	0.44	0.25	24	182	146	6.40	70	1.13	40	2.30	365	1
92HJB2064	13	680565	6058435	CHEMEX	0.1	6.78	20	620	1	0.35	0.25	30	230	202	7.94	30	2.57	10	3.00	485	1
92HJB2065	13	682540	6059450	CHEMEX	0.1	5.70	26	300	1	0.44	0.25	38	212	105	6.64	30	1.05	10	2.52	600	1
92HJB2066	13	690850	6055950	CHEMEX	0.1	3.32	2	250	1	9.86	0.25	17	178	61	3.05	20	0.85	20	2.33	270	1
92HJB2067A	13	689530	6053650	CHEMEX		4.30	4	150	1	0.35	0.25	26	155	67	5.63	20	0.90	20	2.43	500	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2027	0.51	75	2980	1	1	17	21	0.23	140	108
92HJB2028	0.30	52	1480	4	1	12	140	0.16	97	88
92HJB2029	0.48	55	1700	2	4	13	25	0.12	90	106
92HJB2030	0.37	52	2010	1	2	16	45	0.12	110	84
92HJB2031	0.82	60	3740	1	1	13	25	0.13	94	98
92HJB2032A	0.40	76	2210	1	1	18	31	0.18	104	116
92HJB2032B	0.17	62	1220	2	4	15	31	0.19	108	120
92HJB2033	0.84	56	2940	1	1	15	18	0.18	106	154
92HJB2034	0.56	87	1490	1	1	31	42	0.15	124	108
92HJB2035	0.16	76	1000	2	2	26	24	0.17	129	90
92HJB2036A	0.21	67	860	1	1	12	20	0.27	110	92
92HJB2036B	0.85	67	3100	1	4	16	19	0.11	120	124
92HJB2036C	0.39	78	920	1	1	15	26	0.20	94	126
92HJB2037A	0.31	92	800	1	1	21	37	0.28	139	112
92HJB2037B	0.20	104	1050	1	1	19	38	0.10	102	146
92HJB2038A	1.10	78	3960	2	2	19	25	0.20	139	140
92HJB2038B	0.26	55	1000	1	1	13	69	0.20	102	120
92HJB2039	0.53	79	1690	1	2	19	28	0.21	126	118
92HJB2040	0.21	109	740	1	1	25	27	0.23	148	84
92HJB2041	0.23	73	560	2	1	13	25	0.22	112	150
92HJB2042A	2.05	103	10000	2	2	10	17	0.07	108	78
92HJB2042B	1.57	314	10000	16	1	8	28	0.09	90	302
92HJB2043	0.68	360	2630	1	1	42	51	0.16	137	76
92HJB2044	1.12	92	8750	1	1	12	20	0.17	127	126
92HJB2045	0.55	78	2760	1	1	21	13	0.41	178	148
92HJB2046	0.91	61	4540	2	1	13	21	0.19	116	134
92HJB2047	0.88	80	3980	1	1	18	16	0.21	133	122
92HJB2048	1.24	95	4650	1	4	35	20	0.17	210	82
92HJB2049A	0.45	61	1670	1	2	13	18	0.20	116	118
92HJB2049B	0.20	78	1110	1	2	19	31	0.12	123	118
92HJB2050	0.83	73	2700	1	1	18	27	0.20	137	128
92HJB2051A	0.67	72	2250	2	2	18	23	0.23	141	154
92HJB2051B	0.71	82	2990	1	1	22	22	0.19	145	208
92HJB2052	0.44	90	1320	1	1	21	21	0.28	185	114
92HJB2053	0.89	89	4510	1	1	20	13	0.23	155	146
92HJB2054	0.50	88	2680	10	2	25	20	0.18	170	152
92HJB2055	0.55	97	1510	1	1	17	22	0.27	134	118
92HJB2056	0.74	63	2300	1	1	16	21	0.29	133	120
92HJB2057	0.89	79	3770	1	1	16	14	0.27	128	114
92HJB2058	0.31	82	1030	1	2	19	21	0.27	155	118
92HJB2059	0.29	80	620	1	1	23	20	0.46	187	152
92HJB2060	0.27	113	1150	1	4	25	28	0.16	176	102
92HJB2061	0.30	82	930	4	1	20	22	0.38	168	148
92HJB2062	0.86	74	3480	1	1	16	24	0.24	139	116
92HJB2063A	0.24	68	720	2	2	15	29	0.21	111	110
92HJB2063B	0.43	78	1260	4	1	23	36	0.22	127	120
92HJB2064	0.23	90	740	1	1	28	22	0.42	197	188
92HJB2065	0.33	86	1060	1	4	17	31	0.26	147	108
92HJB2066	0.61	61	2550	1	1	15	418	0.15	72	152
92HJB2067A	0.51	62	1960	1	2	15	19	0.26	149	120

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92HJB2067B	13	689530	6053650	CHEMEX	0.1	4.02	16	320	2	3.74	0.25	22	154	127	5.08	20	1.37	20	2.92	440	1
92HJB2068A	13	690225	6051700	CHEMEX		4.69	1	230	4	0.45	0.25	34	295	89	5.78	20	0.87	10	3.07	655	0.5
92HJB2068B	13	690225	6051700	CHEMEX	0.1	5.29	16	260	4	0.39	0.25	33	339	167	6.75	40	0.86	30	3.18	615	1
92HJB2069A	13	689450	6061525	CHEMEX		6.05	1	220	1	0.32	0.25	28	206	141	5.38	40	0.91	10	2.14	435	1
92HJB2069B	13	689450	6061525	CHEMEX	0.1	4.49	62	230	8	0.57	0.25	41	301	575	6.72	40	0.99	30	3.52	600	3
92HJB2070	13	689135	6061985	CHEMEX	0.1	5.90	40	290	1	0.57	0.25	56	314	203	6.97	40	0.59	10	3.69	635	1
92HJB2071	13	689150	6062025	CHEMEX		3.24	24	220	1	2.65	0.25	33	236	112	4.53		0.48	5	3.64	540	0.5
92HJB2072	14	313420	6068250	CHEMEX	0.6	6.23	16	380	1	0.50	0.25	23	235	759	5.51		0.65	60	2.00	375	0.5
92HJB2073	14	314725	6065300	CHEMEX	0.2	3.96	1	270	1	0.37	0.25	39	301	43	5.24		0.91	10	3.14	600	2
92HJB2075	14	313080	6063260	CHEMEX	0.1	6.41	8	290	1	0.24	0.25	22	171	97	5.45		0.54	30	1.73	375	6
92HJB2076	13	690900	6060375	CHEMEX		4.53	4	280	1	0.23	0.25	23	207	105	5.93		0.85	40	2.16	555	0.5
92JC0001	13	633000	6119250	CHEMEX	0.2	6.60	2	320	4	0.16	0.25	24	250	364	6.42	40	1.18	20	2.01	295	19
92JC0007	13	634600	6114150	CHEMEX	0.1	5.76	1	250	2	0.14	0.25	24	226	43	5.64	40	0.98	5	2.47	315	0.5
92JC0009	13	636475	6111535	CHEMEX	0.1	7.90	6	190	2	0.17	0.25	24	209	96	5.98	40	0.45	20	2.20	280	0.5
92JC0011	13	637225	6108340	CHEMEX	0.1	6.06	1	270	1	0.19	0.25	31	268	94	6.12	40	0.75	5	2.24	330	0.5
92JC0013	13	637180	6102325	CHEMEX	0.1	5.87	4	330	2	0.27	0.25	38	257	143	7.40	30	1.06	30	2.84	1530	0.5
92JC0015	13	638150	6101150	CHEMEX	0.1	5.75	8	460	4	0.26	0.25	18	177	92	6.02	30	1.58	20	2.20	335	0.5
92JC0018	13	641100	6099360	CHEMEX	0.1	5.38	8	530	2	0.32	0.25	25	202	196	6.85	30	1.54	50	2.45	485	0.5
92JC0020	13	642475	6097775	CHEMEX	0.1	5.55	10	480	6	0.23	0.25	28	225	173	6.38	30	1.78	20	2.57	365	0.5
92JC0022	13	644500	6093260	CHEMEX	0.1	8.21	18	210	1	0.14	0.25	27	173	88	5.69	60	0.74	40	1.70	235	1
92JC0024	13	645225	6091670	CHEMEX	0.1	5.87	12	560	4	0.25	0.25	28	227	145	6.67	30	1.94	20	2.79	360	0.5
92JC0027	13	645000	6088560	CHEMEX	0.1	4.91	14	330	4	0.42	0.25	27	177	149	5.55	20	1.66	30	2.20	475	0.5
92JC0029	13	643640	6085640	CHEMEX	0.1	6.12	8	580	10	0.22	0.25	33	280	146	6.87	30	2.26	20	3.19	325	0.5
92JC0031	13	642410	6080025	CHEMEX	0.1	5.75	8	250	2	0.27	0.25	24	193	109	6.21	20	1.24	30	2.08	325	0.5
92JC0035	13	639800	6090130	CHEMEX	0.1	4.51	1	220	1	0.30	0.25	20	150	50	5.04	20	0.98	20	1.90	300	0.5
92JC0037	13	634500	6069150	CHEMEX	0.1	5.98	8	140	1	0.43	0.25	22	151	141	5.60	20	0.45	30	1.74	310	0.5
92JC0039	13	639175	6075730	CHEMEX	0.2	5.77	2	210	2	0.61	0.25	18	129	122	3.63	20	0.78	60	1.46	305	0.5
92JC0041	13	630610	6066175	CHEMEX	0.1	4.78	4	240	4	0.39	0.25	26	174	92	5.52	20	1.24	20	1.96	470	0.5
92JC0043	13	637850	6061125	CHEMEX	0.2	3.95	1	360	6	2.29	0.25	24	250	93	4.64	20	1.40	30	2.89	500	0.5
92JC0045	13	634020	6064020	CHEMEX	0.1	5.59	10	600	2	0.36	0.25	29	251	132	7.31	20	2.59	30	3.23	530	0.5
92JC0047	13	643865	6078050	CHEMEX	0.1	5.38	6	280	2	0.22	0.25	24	154	84	5.37	20	1.14	20	2.03	395	0.5
92JC0049	13	646760	6077800	CHEMEX	0.1	4.86	18	380	6	0.34	0.25	26	152	143	5.81	40	1.41	30	2.05	505	0.5
92JC0051	13	655720	6079510	CHEMEX	0.1	3.79	18	190	4	0.31	0.25	21	132	57	4.48	40	0.82	20	1.80	330	0.5
92JC0052	13	655720	6079510	CHEMEX	0.1	4.15	18	240	2	0.35	0.25	22	144	71	4.72	40	0.82	20	1.94	330	0.5
92JC0054	13	659375	6080830	CHEMEX	0.1	6.49	20	280	6	0.33	0.25	26	225	73	5.36	40	0.87	20	2.23	280	0.5
92JC0056	13	658840	6082330	CHEMEX	0.1	5.28	12	600	6	0.86	0.25	48	250	268	7.01	50	1.34	30	2.85	670	0.5
92JC0060	13	651450	6077080	CHEMEX	0.1	5.70	12	160	1		0.25	28	152	176			0.78	20	1.44	490	4
92JC0062	13	632175	6117650	CHEMEX	0.6	7.54	20	170	6	0.12	0.25	17	99	42	6.67	140	0.21	5	0.62	165	1
92JC0066	13	642765	6082160	CHEMEX	0.1	6.69	6	580	2	0.17	0.25	35	298	153	7.13	30	2.58	5	3.36	280	0.5
92JC0068	13	648775	6076600	CHEMEX	0.1	5.96	1	240	1	0.36	6.5	20	134	3274	5.83	70	1.30	40	2.09	635	1
92JC0069	13	688865	6042365	CHEMEX	0.1	4.52	14	210	4	2.88	0.25	30	324	163	5.46	60	0.88	5	5.10	515	0.5
92JC0071	13	687500	6040320	CHEMEX	0.1	5.93	14	200	2	0.60	0.25	34	273	146	6.20	60	0.46	20	3.96	640	0.5
92JC0073	13	684425	6035900	CHEMEX	0.1	6.38	6	260	6	0.46	0.25	25	192	32	5.21	40	0.65	20	2.44	395	0.5
92JC0075	13	685460	6038825	CHEMEX	0.1	4.08	8	280	1	2.47	0.25	23	181	99	5.05	50	1.10	20	3.86	430	0.5
92JC0077	13	686150	6041600	CHEMEX	0.1	5.37	10	280	1	0.34	0.25	30	224	56	6.18	30	1.40	5	2.78	515	0.5
92JC0078	13	686150	6041600	CHEMEX	0.1	5.41	12	400	10	0.47	0.25	30	221	116	6.53	40	1.46	20	2.90	550	0.5
92MOB0001	14	449581	6050986	CHEMEX	0.1	3.15	4	210	1	6.80	0.25	14	106	46	3.54	20	0.62	30	3.66	460	0.5
92MOB0005	14	488968	5989096	CHEMEX	0.2	2.06	4	70	4	5.69	0.25	18	55	30	2.43	110	0.20	10	4.16	380	1
92MOB0008	14	487175	5983781	CHEMEX	0.1	1.16	1	50	1	14.01	0.25	7	48	47	1.10	40	0.14	5	8.71	190	0.5
92MOB0019	14	496578	6059712	CHEMEX	0.1	3.69	4	360	1	7.53	0.25	22	156	113	4.20	50	0.86	40	2.47	520	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92HJB2067B	0.73	63	3390	1	1	17	115	0.23	136	126
92HJB2068A	0.31	135	1000	6	2	18	23	0.21	131	102
92HJB2068B	0.95	176	2590	1	1	27	21	0.19	140	104
92HJB2069A	0.89	162	4800	1	1	14	23	0.17	117	82
92HJB2069B	0.69	1413	2690	1	1	27	30	0.19	126	410
92HJB2070	0.41	291	1460	1	1	20	26	0.24	156	106
92HJB2071	1.66	246	3160	6	1	13	46	0.13	101	108
92HJB2072	1.12	94	1980	8	1	33	24	0.25	121	858
92HJB2073	1.62	151	3030	4	2	11	31	0.15	115	100
92HJB2075	1.30	71	3010	12	4	12	26	0.23	121	146
92HJB2076	1.07	69	1210	6	2	19	27	0.15	125	114
92JC0001	0.70	136	2460	18	2	16	12	0.32	160	124
92JC0007	0.49	118	1930	14	1	13	14	0.32	120	128
92JC0009	0.69	101	4310	12	2	14	8	0.33	127	114
92JC0011	0.83	120	3400	6	1	12	10	0.18	150	100
92JC0013	0.75	260	3810	18	1	20	12	0.22	140	114
92JC0015	0.59	93	2440	14	1	21	32	0.27	122	134
92JC0018	0.69	141	2260	6	2	20	30	0.30	156	134
92JC0020	0.65	112	1670	14	2	21	22	0.35	174	150
92JC0022	0.80	86	7090	2	1	14	8	0.28	140	94
92JC0024	0.49	97	1780	6	1	22	26	0.38	182	154
92JC0027	0.58	86	2070	14	1	19	14	0.30	140	132
92JC0029	0.58	107	1420	12	4	23	18	0.45	225	172
92JC0031	0.70	73	2460	20	1	18	15	0.15	170	112
92JC0035	0.49	57	2070	6	4	14	21	0.28	128	98
92JC0037	0.61	65	2740	18	4	13	15	0.31	144	84
92JC0039	0.62	67	5880	12	2	15	14	0.20	91	78
92JC0041	0.61	76	2270	12	1	16	12	0.35	130	94
92JC0043	0.49	96	1780	8	1	15	62	0.26	110	156
92JC0045	0.50	108	1370	8	4	24	23	0.45	192	192
92JC0047	0.47	70	1770	12	2	16	19	0.33	146	116
92JC0049	0.73	78	2130	8	1	19	23	0.26	143	142
92JC0051	0.53	52	1370	6	4	14	21	0.30	124	100
92JC0052	0.56	56	1300	14	2	15	26	0.32	123	102
92JC0054	0.60	81	3310	12	1	16	17	0.28	139	100
92JC0056	0.93	110	1960	16	1	25	29	0.16	188	152
92JC0060	3.84	84	10000	12	1	12	14	0.02	110	292
92JC0062	1.55	48	10000	24	1	8	12	0.19	127	116
92JC0066	0.62	117	1290	2	12	22	17	0.45	229	186
92JC0068	2.07	57	10000	12	1	34	14	0.02	122	10000
92JC0069	0.59	128	2490	10	4	22	18	0.12	117	92
92JC0071	0.69	86	2860	12	2	29	16	0.15	146	92
92JC0073	0.49	82	2670	6	1	16	17	0.18	110	282
92JC0075	0.39	71	1750	16	4	18	22	0.19	121	102
92JC0077	0.39	85	1850	10	2	17	16	0.33	161	126
92JC0078	0.47	87	1960	14	4	23	25	0.31	164	130
92MOB0001	0.43	49	1550	16	4	10	39	0.17	79	86
92MOB0005	0.91	33	3530	28	1	4	20	0.03	38	64
92MOB0008	0.32	30	1940	6	1	3	40	0.03	26	22
92MOB0019	0.53	91	2050	12	1	14	62	0.21	100	88

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB0024	14	493549	6055649	CHEMEX	0.1	3.11	2	250	4	8.22	0.25	20	191	54	3.37	50	1.24	20	4.39	250	0.5
92MOB0027	14	493219	6055850	CHEMEX	0.1	2.66	1	200	1	8.39	0.25	16	114	70	3.49	40	0.67	30	2.44	490	0.5
92MOB0029	14	452837	6045904	CHEMEX	0.1	2.49	1	160	1	8.09	0.25	14	98	52	3.21	40	0.66	20	5.33	480	0.5
92MOB0032	14	448548	6035727	CHEMEX	0.1	1.94	1	150	1	11.30	0.25	8	70	52	1.93	40	0.47	5	7.10	230	0.5
92MOB0035	14	445619	6034922	CHEMEX	0.1	2.30	1	170	1	9.50	0.25	12	88	57	2.51	40	0.63	5	6.20	305	0.5
92MOB0039	14	447492	6035510	CHEMEX	0.1	2.16	1	150	1	11.74	0.25	9	78	45	2.35	30	0.47	20	6.14	315	0.5
92MOB0042	14	451250	6039200	CHEMEX	0.1	1.87	1	120	6	11.63	0.25	8	69	43	1.84	40	0.25	5	7.47	205	0.5
92MOB0045	14	450629	6039708	CHEMEX	0.1	3.13	1	180	1	5.63	0.25	15	104	55	3.56	20	0.79	20	4.66	420	0.5
92MOB0048	14	450100	6045550	CHEMEX	0.1	2.79	1	160	1	8.29	0.25	14	97	57	3.08	30	0.74	5	6.14	420	0.5
92MOB0053	14	449968	6059640	CHEMEX	0.1	6.90	6	370	2	0.41	0.25	19	127	44	5.33	40	0.61	30	1.74	315	0.5
92MOB0057	14	445872	6060150	CHEMEX	0.1	5.27	34	360	4	0.41	0.25	23	140	188	6.25	50	1.27	30	2.10	375	0.5
92MOB0060	14	445073	6061536	CHEMEX	0.1	4.56	104	260	2	0.35	0.25	24	66	265	6.54	50	0.90	60	2.28	445	1
92MOB0063	14	444010	6063119	CHEMEX	0.1	5.52	62	100	6	0.17	0.25	19	81	86	5.66	40	0.41	5	1.60	380	0.5
92MOB0067	14	450027	6047298	CHEMEX	0.1	2.10	1	110	1	12.84	0.25	10	68	54	2.15	30	0.42	5	6.57	345	0.5
92MOB0070	14	443205	6055708	CHEMEX	0.1	4.34	48	230	1	2.47	0.25	26	91	225	5.57	40	1.03	20	2.50	480	0.5
92MOB0073	14	436653	6054329	CHEMEX	0.1	3.73	78	180	2	3.44	0.25	22	68	216	4.87	40	0.91	20	3.51	435	0.5
92MOB0079	14	427408	6053204	CHEMEX	0.1	5.74	78	300	8	0.53	0.25	33	123	119	6.93	70	0.66	30	2.75	530	0.5
92MOB0082	14	427112	6053360	CHEMEX	0.1	4.14	58	260	6	5.94	0.25	19	97	91	5.10	50	0.62	5	4.97	400	0.5
92MOB0085	14	424796	6052367	CHEMEX	0.1	3.82	18	270	1	5.27	0.25	16	100	79	4.19	60	0.42	30	2.49	330	0.5
92MOB0089	14	424732	6051983	CHEMEX	0.1	2.67	42	200	1	11.46	0.5	17	74	100	2.94	50	0.38	10	1.71	245	0.5
92MOB0090	14	424098	6051745	CHEMEX	0.1	3.69	36	180	2	2.68	0.25	21	67	128	5.07	60	0.67	20	3.47	410	0.5
92MOB0093	14	423569	6051703	CHEMEX	0.1	3.96	308	240	2	1.29	0.5	32	91	194	6.11	70	1.02	20	2.43	565	0.5
92MOB0097	14	422294	6051508	CHEMEX	0.1	4.00	82	240	4	1.06	0.25	38	97	227	5.85	140	0.90	30	2.36	770	0.5
92MOB0101	14	421700	6051750	CHEMEX	0.1	3.47	48	200	1	6.88	0.25	24	83	178	4.41	90	0.63	20	2.46	350	0.5
92MOB0105	14	418023	6051261	CHEMEX	0.1	2.43	12	100	1	9.38	0.25	25	58	120	3.19	30	0.43	5	6.33	370	0.5
92MOB0108	14	416947	6050847	CHEMEX	0.1	2.02	12	100	6	9.98	0.25	26	68	113	2.82	50	0.36	5	5.85	445	0.5
92MOB0111	14	416002	6049524	CHEMEX	0.1	3.56	4	200	1	6.83	0.25	21	97	102	3.78	60	0.75	20	5.19	430	0.5
92MOB0114	14	416005	6050232	CHEMEX	0.1	2.32	6	120	1	10.94	0.25	21	70	88	2.83	50	0.41	5	4.79	390	0.5
92MOB0117	14	414429	6049579	CHEMEX	0.1	4.81	4	300	1	0.41	0.25	26	141	172	6.40	60	1.27	20	2.50	480	0.5
92MOB0121	14	413736	6048893	CHEMEX	0.1	5.33	6	220	1	0.94	0.25	32	143	220	6.48	50	0.94	20	3.17	505	0.5
92MOB0124	14	469913	5986124	CHEMEX	0.1	1.54	1	90	1	13.78	0.25	6	53	25	1.54	50	0.23	5	4.63	240	0.5
92MOB0127	14	473613	5983765	CHEMEX	0.1	1.40	1	80	1	11.88	0.25	6	47	21	1.38	60	0.18	5	6.83	225	0.5
92MOB0133	14	479925	5987750	CHEMEX	0.1	2.04	1	110	1	11.55	0.25	9	62	33	1.98	60	0.29	20	5.16	330	0.5
92MOB0136	14	484187	5984311	CHEMEX	0.1	1.12	1	60	1	13.09	0.25	4	33	16	0.91	60	0.13	5	8.67	160	0.5
92MOB0139	14	445097	6001910	CHEMEX	0.1	1.56	1	110	1	11.33	0.25	10	97	40	2.07	60	0.35	5	6.95	295	0.5
92MOB0145	14	437999	6002027	CHEMEX	0.1	2.68	2	180	1	8.42	0.25	14	92	39	3.23	60	0.44	20	2.97	370	0.5
92MOB0148	14	443035	6011620	CHEMEX	0.1	1.59	1	130	1	13.10	0.25	9	91	46	1.77	50	0.30	5	6.06	250	0.5
92MOB0151	14	460238	6017459	CHEMEX	0.1	2.67	1	140	1	6.65	0.25	15	143	63	3.09	50	0.53	30	5.77	295	0.5
92MOB0154	14	453458	6020735	CHEMEX	0.1	2.67	1	140	1	8.72	0.25	11	103	51	2.60	70	0.47	20	5.76	340	0.5
92MOB0157	14	444994	6020132	CHEMEX	0.1	2.28	1	120	1	9.85	0.25	14	105	65	2.70	60	0.41	20	5.30	320	0.5
92MOB0160	14	436664	6018105	CHEMEX	0.1	2.87	2	170	4	6.65	0.25	13	103	46	3.14	60	0.55	20	4.07	360	0.5
92MOB0163	14	441387	6027536	CHEMEX	0.1	2.36	2	170	1	9.50	0.25	11	110	47	2.46	50	0.70	20	5.80	285	0.5
92MOB0166	14	453410	6029461	CHEMEX	0.1	3.52	1	230	1	4.08	0.25	17	128	59	4.00	40	0.69	30	3.72	455	0.5
92MOB0169	14	460195	6031098	CHEMEX	0.1	3.05	1	190	1	7.89	0.25	12	115	65	2.85	50	0.68	5	5.41	250	0.5
92MOB0172	14	479828	6021839	CHEMEX	0.1	1.79	1	100	2	10.85	0.25	11	101	48	1.97	50	0.32	5	6.96	335	0.5
92MOB0175	14	480115	6015181	CHEMEX	0.1	1.76	1	70	1	11.17	0.25	7	60	20	1.77	70	0.21	5	7.69	275	0.5
92MOB0179	14	482162	6044295	CHEMEX	0.1	1.47	1	120	2	11.62	0.25	12	92	44	1.86	50	0.41	5	6.75	310	0.5
92MOB0182	14	490062	6063102	CHEMEX	0.1	2.89	2	170	2	5.59	0.25	17	111	67	3.51	60	0.54	40	3.66	480	0.5
92MOB0189	14	497967	6063672	CHEMEX	0.1	4.24	20	190	4	0.43	0.25	14	105	54	4.84	70	0.48	40	1.42	345	0.5
92MOB0192	14	499871	6122001	CHEMEX	0.1	6.50	1	390	2	0.17	0.25	31	298	175	6.25	40	1.98	5	2.72	265	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB0024	0.49	70	2050	4	1	13	32	0.15	113	72
92MOB0027	0.44	59	1570	12	4	10	66	0.19	77	80
92MOB0029	0.46	44	1960	8	1	8	37	0.16	69	68
92MOB0032	0.32	28	1410	4	2	6	26	0.13	53	42
92MOB0035	0.39	36	1520	4	4	7	27	0.16	65	56
92MOB0039	0.37	32	1480	8	1	7	35	0.13	57	54
92MOB0042	0.42	29	1570	1	1	5	26	0.10	46	34
92MOB0045	0.45	48	1690	6	4	9	31	0.18	76	88
92MOB0048	0.47	52	1760	6	1	8	28	0.17	70	68
92MOB0053	0.73	95	2810	8	2	13	30	0.18	95	102
92MOB0057	0.55	68	1900	16	2	20	18	0.29	141	140
92MOB0060	0.55	52	2720	16	1	21	19	0.08	113	152
92MOB0063	0.56	41	2270	2	2	12	14	0.11	100	104
92MOB0067	0.54	34	2770	6	2	6	34	0.05	47	44
92MOB0070	0.60	53	2720	14	1	16	27	0.14	108	144
92MOB0073	0.62	53	2920	4	2	13	18	0.10	83	140
92MOB0079	0.73	74	3580	12	1	31	13	0.13	130	84
92MOB0082	0.56	50	2160	6	2	20	28	0.10	95	62
92MOB0085	0.51	43	2570	14	1	13	29	0.17	85	88
92MOB0089	1.61	33	10000	8	2	8	35	0.04	58	60
92MOB0090	0.59	34	2170	1	2	17	17	0.09	98	94
92MOB0093	0.74	56	4020	2	2	16	16	0.09	116	152
92MOB0097	0.68	61	3540	10	2	16	17	0.15	110	136
92MOB0101	0.61	41	2520	1	2	11	38	0.11	81	98
92MOB0105	0.43	35	1780	14	2	9	25	0.07	82	68
92MOB0108	0.47	34	1750	12	1	8	29	0.09	56	58
92MOB0111	0.59	45	2900	4	1	13	21	0.14	87	80
92MOB0114	0.56	34	2900	12	1	9	28	0.09	62	56
92MOB0117	0.77	67	3070	6	2	24	13	0.21	149	134
92MOB0121	0.76	70	3020	8	2	26	12	0.15	143	110
92MOB0124	0.32	25	1610	4	2	4	46	0.07	31	30
92MOB0127	0.31	25	1180	6	1	4	41	0.06	29	24
92MOB0133	0.44	33	2440	8	2	6	54	0.08	37	42
92MOB0136	0.27	20	1140	4	1	3	35	0.03	21	14
92MOB0139	0.41	54	1890	6	1	6	42	0.06	46	38
92MOB0145	0.54	51	2780	14	2	8	79	0.12	68	76
92MOB0148	0.41	49	1610	2	1	5	45	0.11	42	36
92MOB0151	0.65	91	2540	8	1	10	26	0.15	62	60
92MOB0154	0.45	56	2450	14	1	7	31	0.12	54	54
92MOB0157	0.57	54	2290	6	2	8	35	0.12	59	50
92MOB0160	0.48	48	1600	6	1	8	39	0.15	67	72
92MOB0163	0.34	47	1450	4	1	7	31	0.15	64	58
92MOB0166	0.51	69	1750	8	2	11	34	0.17	82	96
92MOB0169	0.44	48	1670	8	2	9	28	0.17	73	66
92MOB0172	0.38	58	1560	6	1	6	33	0.08	42	38
92MOB0175	0.41	32	1590	12	4	4	30	0.07	34	32
92MOB0179	0.33	38	1240	1	2	6	29	0.09	41	34
92MOB0182	0.55	65	1690	14	2	10	41	0.16	73	72
92MOB0189	0.73	56	2160	14	1	15	32	0.13	74	84
92MOB0192	0.70	124	1760	12	1	20	13	0.28	243	202

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB0195	14	488359	6113447	CHEMEX	0.1	5.15	2	270	6	0.39	0.25	28	203	163	5.94	50	1.42	30	2.29	390	0.5
92MOB0204	14	444966	6103186	CHEMEX	0.1	6.05	8	200	6	0.14	0.25	22	134	83	5.95	40	0.94	20	1.91	375	0.5
92MOB0207	14	445149	6111767	CHEMEX	0.1	7.75	1	110	2	0.13	0.25	16	112	59	4.94	50	0.26	5	0.93	185	2
92MOB0210	14	445239	6118541	CHEMEX	0.1	5.57	1	220	4	0.13	0.25	22	152	159	5.14	50	1.03	20	1.73	195	0.5
92MOB0213	14	461601	6119604	CHEMEX	0.1	6.81	1	200	4	0.12	0.25	23	128	87	5.86	50	0.93	20	1.78	340	0.5
92MOB0216	14	464245	6112711	CHEMEX	0.1	6.70	10	270	6	0.17	0.25	26	226	132	5.71	60	0.70	5	1.73	250	0.5
92MOB0222	14	471618	6102102	CHEMEX	0.1	3.98	1	290	6	0.37	0.25	18	125	59	4.88	30	1.22	20	1.74	475	0.5
92MOB0228	14	457229	6074244	CHEMEX	0.1	6.08	8	180	1	0.13	0.25	16	113	67	4.41	40	0.43	20	1.38	255	0.5
92MOB0231	14	473950	6057628	CHEMEX	0.1	2.88	1	200	8	10.47	0.25	14	114	60	2.93	30	0.86	5	4.10	290	0.5
92MOB0234	14	460605	6055996	CHEMEX	0.1	3.52	1	310	2	7.00	0.25	19	131	80	4.13	30	1.10	20	2.39	435	0.5
92MOB0237	14	456780	6043730	CHEMEX	0.1	3.28	2	230	4	7.68	0.25	17	134	79	3.60	30	0.84	20	4.18	300	0.5
92MOB0240	14	444463	6046879	CHEMEX	0.1	1.77	1	80	1	11.60	0.25	9	47	30	1.92	30	0.30	5	7.78	445	0.5
92MOB0243	14	437296	6044050	CHEMEX	0.1	2.07	1	100	1	10.04	0.25	12	58	39	2.36	40	0.30	5	6.30	425	0.5
92MOB0246	14	447067	6037421	CHEMEX	0.1	1.31	1	80	1	12.41	0.25	7	43	33	1.69	40	0.34	5	6.86	330	0.5
92MOB0249	14	447067	6037421	CHEMEX	0.1	2.50	1	170	1	8.47	0.25	11	83	45	2.77	20	0.67	20	5.12	360	0.5
92MOB0251	14	414265	6048923	CHEMEX	0.1	3.61	12	180	1	6.79	0.25	22	103	131	4.02	60	0.66	5	4.92	430	0.5
92MOB0253	14	412243	6047565	CHEMEX	0.1	3.17	2	110	1	7.35	0.25	26	92	92	3.75	60	0.55	5	6.10	485	0.5
92MOB0256	14	407528	6044548	CHEMEX	0.1	2.59	1	110	1	9.13	0.25	17	76	53	3.10	50	0.47	5	6.44	485	0.5
92MOB0260	14	408137	6042729	CHEMEX	0.1	2.41	14	200	1	7.76	0.25	11	62	73	2.59	30	0.60	5	5.34	305	0.5
92MOB0263	14	409407	6043109	CHEMEX	0.1	2.78	10	200	1	7.86	0.25	13	61	73	2.58	20	0.61	20	5.55	320	0.5
92MOB0266	14	406262	6042259	CHEMEX	0.1	3.20	12	260	2	6.87	0.25	15	72	88	2.99	30	0.68	20	4.73	350	0.5
92MOB0290	14	440050	6097100	CHEMEX	0.1	5.46	2	100	4	0.25	0.25	15	108	63	4.78	30	0.22	20	1.31	220	1
92MOB0293	14	440050	6097100	CHEMEX	0.1	7.41	4	140	2	0.20	0.25	24	99	123	5.82	30	0.44	20	1.17	390	7
92MOB0294	14	437775	6104100	CHEMEX	0.1	6.42	8	410	2	0.43	0.25	24	172	182	6.09	70	1.26	30	2.04	325	0.5
92MOB0297	14	439449	6109142	CHEMEX	0.1	4.90	2	120	4	0.16	0.25	17	123	79	4.96	30	0.46	30	1.34	245	0.5
92MOB0300	14	456511	6119192	CHEMEX	0.1	5.24	1	280	4	0.41	0.25	20	157	106	6.18	50	0.79	20	2.12	295	0.5
92MOB0306	14	467960	6099299	CHEMEX	0.1	4.42	1	100	1	0.21	0.25	14	74	33	3.95	70	0.21	5	1.15	245	1
92MOB0309	14	458353	6095664	CHEMEX	0.1	7.25	10	320	1	0.17	0.25	34	145	143	6.71	40	1.47	5	1.92	480	0.5
92MOB0321	14	452900	6067950	CHEMEX	0.1	3.84	36	290	6	7.19	0.25	21	113	153	4.24	60	1.08	30	2.03	455	0.5
92MOB0324	14	452900	6067950	CHEMEX	0.1	5.29	26	210	2	0.35	0.25	24	133	79	5.37	30	0.89	20	2.01	370	0.5
92MOB0325	14	452900	6067950	CHEMEX	0.1	6.27	40	370	1	0.57	0.25	27	138	189	6.23	70	1.09	60	1.98	410	0.5
92MOB0326	14	457650	6065725	CHEMEX	0.1	4.63	12	240	2	0.27	0.25	26	146	111	5.33	40	1.15	20	2.05	330	0.5
92MOB0329	14	465650	6063550	CHEMEX	0.1	4.12	1	290	4	4.34	0.25	22	150	68	4.52	20	1.40	20	2.57	420	0.5
92MOB0332	14	466005	6069900	CHEMEX	0.1	6.87	12	140	2	0.35	0.25	26	155	135	6.11	30	0.74	5	2.18	365	6
92MOB0339	14	462075	6080250	CHEMEX	0.1	8.09	40	210	2	0.35	0.25	31	143	215	6.28	70	0.46	20	1.39	350	1
92MOB0342	14	467970	6086450	CHEMEX	0.1	7.77	44	340	1	0.28	0.25	28	148	139	6.24	70	0.54	20	1.44	285	0.5
92MOB1001	14	437763	6058408	CHEMEX	0.1	4.71	42	240	2	0.94	0.25	41	65	225	6.24	60	1.15	20	2.78	640	0.5
92MOB1004	14	488133	5986132	CHEMEX	0.1	1.56	1	80	1	12.84	0.25	8	49	32	1.53	30	0.28	5	6.59	275	0.5
92MOB1011	14	493196	6056073	CHEMEX	0.1	3.97	2	200	1	2.68	0.25	23	171	138	5.03	120	0.70	40	3.33	515	0.5
92MOB1013	14	452428	6046513	CHEMEX	0.1	2.16	6	120	1	10.67	0.25	14	82	77	2.61	40	0.39	5	6.52	360	0.5
92MOB1016	14	450336	6046454	CHEMEX	0.1	3.20	4	150	4	7.91	0.25	22	102	105	3.78	60	0.60	30	4.30	620	0.5
92MOB1019	14	449871	6047711	CHEMEX	0.1	1.43	1	100	2	15.00	0.25	10	57	50	1.85	40	0.26	5	5.71	420	0.5
92MOB1022	14	449401	6050524	CHEMEX	0.1	1.80	2	90	1	13.83	0.25	12	57	33	2.28	40	0.30	20	6.23	445	0.5
92MOB1025	14	450463	6050864	CHEMEX	0.1	2.41	1	110	4	11.97	0.25	13	63	34	2.63	30	0.49	20	7.06	465	0.5
92MOB1028	14	447536	6052245	CHEMEX	0.1	3.05	4	210	1	8.88	0.25	21	65	71	3.63	40	0.91	30	5.53	510	0.5
92MOB1037	14	443918	6055391	CHEMEX	0.1	6.60	46	150	1	0.19	0.25	23	98	161	6.38	40	0.43	20	1.87	330	0.5
92MOB1040	14	433231	6052330	CHEMEX	0.1	3.74	1	200	2	8.86	0.25	21	70	88	4.57	40	0.51	5	4.22	355	0.5
92MOB1045L	14	434168	6051494	CHEMEX	0.1	4.47	36	250	2	2.66	0.25	27	66	180	6.20	40	0.87	5	3.18	555	0.5
92MOB1045U	14	434168	6051494	CHEMEX	0.1	5.77	54	260	2	0.33	0.25	35	87	243	8.63	110	0.90	30	2.48	740	0.5
92MOB1049	14	432046	6053177	CHEMEX	0.1	3.63	1	230	1	5.73	0.25	28	99	121	5.94	20	0.71	20	3.71	715	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB0195	0.71	94	2000	10	1	17	20	0.41	169	150
92MOB0204	0.63	60	1840	16	2	15	18	0.30	132	130
92MOB0207	0.70	43	4740	16	1	9	13	0.16	87	90
92MOB0210	0.43	64	1740	16	2	13	13	0.37	142	134
92MOB0213	0.68	57	2440	8	1	20	23	0.28	108	116
92MOB0216	1.09	98	3520	6	2	20	12	0.35	160	114
92MOB0222	0.42	55	1420	16	2	16	18	0.37	121	122
92MOB0228	0.61	51	2210	12	2	12	20	0.15	76	76
92MOB0231	0.37	52	1520	12	1	9	46	0.21	80	72
92MOB0234	0.52	49	1660	4	1	12	49	0.28	109	104
92MOB0237	0.47	53	1680	14	1	10	31	0.21	93	88
92MOB0240	0.35	23	1430	6	1	4	27	0.08	35	38
92MOB0243	0.55	29	2590	12	1	6	28	0.08	46	52
92MOB0246	0.30	19	1440	6	1	5	44	0.05	36	36
92MOB0249	0.41	37	1440	8	2	8	37	0.14	61	70
92MOB0251	0.62	48	2540	14	2	14	24	0.12	92	80
92MOB0253	0.65	46	2810	20	4	12	20	0.11	82	152
92MOB0256	0.48	34	1750	8	2	11	26	0.09	67	54
92MOB0260	0.47	29	2010	10	1	8	27	0.12	59	66
92MOB0263	0.45	27	1810	12	1	8	23	0.12	57	62
92MOB0266	0.50	33	2060	6	1	10	23	0.13	66	72
92MOB0290	0.75	41	3830	14	1	13	15	0.15	92	72
92MOB0293	0.93	49	5030	6	1	17	12	0.18	98	68
92MOB0294	0.89	75	3180	6	2	20	18	0.28	140	148
92MOB0297	0.57	52	3400	16	1	12	12	0.20	119	84
92MOB0300	0.74	70	3070	16	1	18	22	0.20	122	118
92MOB0306	0.42	36	2320	12	1	8	19	0.14	80	64
92MOB0309	0.79	82	4060	8	2	18	10	0.28	151	120
92MOB0321	0.64	62	2140	14	2	14	55	0.23	102	112
92MOB0324	0.64	68	1630	18	1	14	25	0.24	111	118
92MOB0325	0.62	86	2260	12	1	22	30	0.20	120	126
92MOB0326	0.63	65	1780	10	1	16	15	0.33	144	122
92MOB0329	0.52	67	1190	8	2	14	45	0.20	110	142
92MOB0332	0.68	120	2470	16	2	14	11	0.27	150	124
92MOB0339	0.92	92	4150	16	6	20	12	0.23	133	70
92MOB0342	0.71	101	4000	1	1	14	16	0.19	132	98
92MOB1001	0.61	45	2550	14	1	21	18	0.11	111	132
92MOB1004	0.33	28	1490	12	2	4	53	0.06	30	36
92MOB1011	0.80	104	3140	14	4	16	28	0.20	109	98
92MOB1013	0.47	43	1690	6	1	7	27	0.12	57	46
92MOB1016	0.85	60	3980	14	2	9	28	0.12	71	82
92MOB1019	0.45	27	1870	8	2	4	37	0.04	41	34
92MOB1022	0.50	26	2200	8	2	5	37	0.08	45	44
92MOB1025	0.47	32	1890	6	2	6	34	0.09	47	48
92MOB1028	0.44	36	1750	8	1	9	27	0.14	65	72
92MOB1037	0.52	48	2970	14	2	20	12	0.20	111	102
92MOB1040	0.63	33	2690	8	2	17	27	0.07	76	58
92MOB1045L	0.73	42	2250	10	2	20	13	0.09	109	140
92MOB1045U	0.78	58	2720	4	2	33	11	0.11	139	122
92MOB1049	0.38	42	2510	6	1	18	54	0.11	95	72

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB1054	14	421757	6051069	CHEMEX	0.1	5.13	142	220	2	0.56	0.25	28	97	213	7.60	50	0.73	40	2.14	435	0.5
92MOB1057	14	420578	6051908	CHEMEX	0.1	2.55	44	130	1	6.82	0.25	35	71	195	3.75	40	0.54	20	4.80	465	0.5
92MOB1060	14	420100	6051007	CHEMEX	0.1	4.08	14	200	4	3.11	0.25	26	80	122	4.32	60	0.71	30	3.11	455	0.5
92MOB1063	14	418507	6052535	CHEMEX	0.1	2.72	14	100	1	8.92	0.25	23	91	70	3.79	70	0.48	20	4.90	415	0.5
92MOB1065	14	419947	6052417	CHEMEX	0.1	4.13	18	150	2	3.60	0.25	20	108	88	4.73	80	0.58	30	3.63	395	0.5
92MOB1068	14	419301	6051720	CHEMEX	0.1	4.45	24	180	2	3.36	0.25	33	86	138	4.80	40	1.07	30	3.60	385	0.5
92MOB1071	14	412040	6047178	CHEMEX	0.1	3.21	14	120	1	5.29	0.25	32	101	149	4.34	30	0.60	5	4.78	445	0.5
92MOB1074	14	411762	6047204	CHEMEX	0.1	2.02	2	80	1	10.13	0.25	21	73	43	2.92	30	0.39	5	6.49	530	0.5
92MOB1078	14	411245	6046891	CHEMEX	0.1	3.25	2	110	1	7.10	0.25	23	97	76	4.17	40	0.57	20	5.62	450	0.5
92MOB1080	14	410518	6046931	CHEMEX	0.1	3.65	20	90	4	5.48	0.25	55	107	114	5.10	60	0.55	20	4.84	700	0.5
92MOB1083	14	410518	6046931	CHEMEX	0.1	3.39	4	150	4	7.49	0.25	28	99	79	4.27	50	0.56	20	4.06	465	0.5
92MOB1085	14	408294	6046973	CHEMEX	0.1	2.74	14	90	1	5.99	0.25	32	73	87	4.18	70	0.47	20	4.79	330	0.5
92MOB1087	14	408877	6047501	CHEMEX	0.1	3.08	6	100	1	7.72	0.25	26	77	112	3.60	80	0.44	20	5.42	430	0.5
92MOB1089	14	407808	6046795	CHEMEX	0.1	2.23	1	90	1	9.94	0.25	21	66	32	2.63	40	0.45	5	7.13	505	0.5
92MOB1094	14	406276	6047037	CHEMEX	0.1	3.55	1	110	6	0.63	0.25	31	86	113	4.52	60	0.65	40	1.86	400	0.5
92MOB1095	14	406276	6047037	CHEMEX	0.1	3.04	2	90	1	3.82	0.25	23	72	87	3.24	30	0.59	30	3.74	285	0.5
92MOB1096	14	407504	6047946	CHEMEX	0.1	4.76	1	170	6	0.50	0.25	44	170	203	7.09	120	0.85	30	2.41	330	0.5
92MOB1099	14	406935	6046806	CHEMEX	0.1	3.97	2	140	1	4.28	0.25	43	102	138	4.86	60	0.55	20	4.15	430	0.5
92MOB1100	14	406276	6047037	CHEMEX	0.1	2.31	12	80	1	7.67	0.25	30	80	112	5.11	100	0.46	30	5.53	1075	0.5
92MOB1102	14	405667	6048360	CHEMEX	0.1	5.08	32	150	1	1.73	0.25	48	120	265	5.83	70	0.60	20	3.07	500	0.5
92MOB1105	14	403895	6048603	CHEMEX	0.1	3.01	62	80	1	3.50	0.25	63	68	418	5.87	250	0.43	20	2.84	480	0.5
92MOB1108	14	484967	5994440	CHEMEX	0.1	1.28	4	40	1	12.27	0.25	6	40	17	1.38	40	0.24	5	8.24	250	0.5
92MOB1111	14	486237	5999358	CHEMEX	0.1	3.37	1	170	1	4.93	0.25	16	86	41	3.70	40	0.46	30	2.92	460	0.5
92MOB1114	14	468667	6008703	CHEMEX	0.1	2.11	1	70	2	9.92	0.25	11	103	24	2.13	90	0.22	5	7.20	210	0.5
92MOB1120	14	461126	6000668	CHEMEX	0.1	1.19	1	60	1	15.00	0.25	7	40	20	1.33	50	0.15	5	6.52	220	0.5
92MOB1123	14	443601	6063696	CHEMEX	0.1	5.98	102	180	2	0.18	0.25	35	84	223	7.02	40	0.58	30	1.86	315	0.5
92MOB1126	14	441511	6063631	CHEMEX	0.1	4.71	42	110	2	0.18	0.25	18	79	103	5.48	40	0.45	20	1.65	305	2
92MOB1129	14	402170	6048956	CHEMEX	0.1	4.84	4	160	1	2.55	0.25	28	105	104	5.34	100	0.61	20	2.77	820	0.5
92MOB1132	14	401189	6049566	CHEMEX	0.1	4.81	48	210	1	0.64	0.25	42	82	368	7.49	100	0.62	20	2.09	915	0.5
92MOB1135	14	400171	6046924	CHEMEX	0.1	3.97	26	140	4	5.03	0.25	27	91	126	4.75	80	0.47	20	4.24	725	0.5
92MOB1138	14	400563	6047832	CHEMEX	0.1	3.02	6	140	1	7.77	0.25	18	79	84	3.51	50	0.45	20	4.68	435	0.5
92MOB1141	14	399635	6049019	CHEMEX	0.1	2.55	4	40	1	6.90	0.25	23	37	197	2.69	70	0.30	30	2.14	230	0.5
92MOB1144	14	398112	6048987	CHEMEX	0.1	3.07	14	150	1	0.90	0.25	25	54	388	4.79	70	0.48	70	1.23	400	1
92MOB1147	14	397064	6048741	CHEMEX	0.1	3.38	24	120	1	3.27	0.25	32	72	270	5.32	50	0.66	20	3.42	520	0.5
92MOB1150	14	394992	6047980	CHEMEX	0.1	3.28	4	120	1	5.35	0.25	23	68	128	4.05	50	0.48	20	4.53	500	0.5
92MOB1153	14	396619	6047562	CHEMEX	0.1	2.35	8	90	6	11.49	0.25	18	53	148	3.41	80	0.23	5	3.68	350	0.5
92MOB1156	14	393441	6048912	CHEMEX	0.1	2.77	1	90	1	8.38	0.25	19	72	156	3.32	30	0.40	5	6.01	500	0.5
92MOB1159	14	394420	6048878	CHEMEX	0.1	4.70	16	140	4	1.50	0.25	35	75	237	6.05	80	0.67	20	2.40	810	0.5
92MOB1165	14	454246	6113844	CHEMEX	0.1	5.31	1	180	1	0.27	0.25	22	153	79	5.27	30	0.69	30	1.70	380	0.5
92MOB1168	14	452692	6107468	CHEMEX	0.1	4.76	6	270	4	0.34	0.25	21	141	126	5.47	30	0.89	30	1.75	295	0.5
92MOB1171	14	475694	6109933	CHEMEX	0.1	8.32	6	120	1	0.12	0.25	16	114	57	6.67	70	0.35	5	1.28	300	2
92MOB1177	14	472957	6086600	CHEMEX	0.1	6.36	14	180	1	0.27	0.25	18	129	47	5.96	40	0.56	20	1.62	310	1
92MOB1183	14	466628	6075287	CHEMEX	0.1	7.90	36	240	1	0.37	0.25	35	151	226	6.40	40	0.80	20	1.88	535	1
92MOB1185	14	452797	6055250	CHEMEX	0.1	7.58	6	290	2	0.42	0.25	25	157	53	6.49	60	0.61	30	1.70	440	0.5
92MOB1188	14	444487	6043305	CHEMEX	0.1	1.59	1	90	1	15.00	0.25	9	56	41	1.82	40	0.37	5	5.76	305	0.5
92MOB1191	14	437390	6038430	CHEMEX	0.1	2.26	4	170	4	11.10	0.25	11	81	62	2.45	30	0.60	5	6.16	320	0.5
92MOB1194	14	439712	6063811	CHEMEX	0.1	4.31	14	130	1	0.30	0.25	20	112	38	4.88	30	0.57	20	1.77	410	0.5
92MOB1197	14	392630	6049740	CHEMEX	0.1	2.71	12	90	2	8.13	0.25	23	65	174	3.24	50	0.37	5	5.89	565	0.5
92MOB1200	14	390360	6051099	CHEMEX	0.1	4.84	6	160	1	0.41	0.25	23	121	77	5.43	40	0.50	20	1.97	475	0.5
92MOB1203A	14	389335	6051273	CHEMEX	0.1	6.82	24	190	4	0.44	0.25	25	177	95	7.04	40	0.26	5	2.35	345	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB1054	0.87	67	3390	20	2	22	15	0.13	112	128
92MOB1057	0.59	44	2660	16	6	8	25	0.09	59	70
92MOB1060	0.62	43	2090	1	1	12	17	0.10	76	98
92MOB1063	0.64	47	3060	12	1	11	30	0.10	70	68
92MOB1065	1.04	55	3060	18	2	12	26	0.16	82	98
92MOB1068	0.78	48	3000	8	2	16	22	0.07	113	96
92MOB1071	0.78	50	4060	8	4	15	18	0.09	95	86
92MOB1074	0.47	31	1860	12	2	9	27	0.09	62	56
92MOB1078	0.75	46	4050	12	2	14	29	0.10	88	66
92MOB1080	0.87	54	4360	14	1	18	24	0.08	96	68
92MOB1083	0.91	44	4080	16	1	14	34	0.06	89	82
92MOB1085	0.57	45	2210	12	2	14	23	0.03	67	68
92MOB1087	0.57	46	2340	16	1	12	27	0.08	70	56
92MOB1089	0.49	36	2520	16	2	7	27	0.08	54	50
92MOB1094	0.81	61	3120	6	1	13	17	0.07	86	94
92MOB1095	1.50	48	10000	2	4	10	16	0.03	72	70
92MOB1096	0.71	94	3060	10	1	34	16	0.10	132	82
92MOB1099	0.73	68	2940	22	1	16	20	0.08	91	74
92MOB1100	0.85	50	6330	38	1	9	38	0.05	64	52
92MOB1102	0.77	60	4290	2	1	28	19	0.04	111	60
92MOB1105	0.97	67	5590	26	2	8	18	0.05	58	60
92MOB1108	0.46	17	2540	1	1	3	32	0.04	29	30
92MOB1111	0.56	47	1850	12	2	9	41	0.14	68	88
92MOB1114	0.39	60	1620	6	1	6	31	0.09	43	36
92MOB1120	0.32	22	1580	10	1	3	53	0.03	28	22
92MOB1123	0.74	64	2380	18	1	14	13	0.02	91	120
92MOB1126	0.54	48	3270	18	1	10	15	0.12	77	106
92MOB1129	0.98	59	5410	20	1	11	29	0.12	82	112
92MOB1132	0.94	67	8060	12	2	26	14	0.09	115	120
92MOB1135	0.93	50	5990	12	1	12	23	0.08	83	78
92MOB1138	0.51	40	2040	12	2	10	30	0.11	69	72
92MOB1141	0.58	22	3160	4	1	9	17	0.01	48	68
92MOB1144	0.55	39	2220	16	2	11	23	0.02	57	84
92MOB1147	0.66	56	3360	10	1	13	17	0.08	75	90
92MOB1150	0.57	45	2690	16	2	10	20	0.08	68	84
92MOB1153	0.55	31	2550	12	2	7	34	0.05	45	52
92MOB1156	0.51	41	2650	6	2	11	25	0.04	63	72
92MOB1159	1.10	67	7220	12	2	15	19	0.06	74	126
92MOB1165	0.66	67	2370	10	2	12	17	0.14	138	112
92MOB1168	0.83	144	2170	8	2	15	21	0.24	101	108
92MOB1171	0.86	51	5480	26	1	11	19	0.14	110	88
92MOB1177	0.85	77	3250	20	2	12	18	0.26	132	130
92MOB1183	0.68	152	3260	18	2	17	13	0.25	153	102
92MOB1185	0.89	84	4650	18	1	16	20	0.18	130	88
92MOB1188	0.38	25	2030	4	1	4	40	0.06	39	34
92MOB1191	0.44	37	2000	4	1	7	38	0.11	61	54
92MOB1194	0.54	53	2140	10	4	11	20	0.22	101	114
92MOB1197	0.87	42	6620	14	2	9	26	0.06	54	76
92MOB1200	0.60	54	2490	6	2	14	23	0.17	106	98
92MOB1203A	0.81	68	3450	10	1	28	15	0.08	166	80

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
92MOB1203B	14	389335	6051273	CHEMEX	0.1	5.57	4	170	10	0.45	0.25	25	171	222	6.88	70	0.48	30	2.81	440	0.5
92MOB1244	14	449069	6055501	CHEMEX	0.1	3.81	1	210	1	1.82	0.25	15	103	51	4.23	30	0.66	40	2.10	390	1
92MOB1245	14	448917	6055007	CHEMEX	0.1	4.57	74	280	2	0.84	0.25	26	93	198	7.57	50	1.36	70	2.59	535	4
93HJB2001	13	669702	6090111	CHEMEX	0.2	9.03	8	200	2	0.12	0.25	19	157	123	5.14	100	0.46	20	1.36	190	4
93HJB2003	13	669525	6090100	CHEMEX	0.2	6.83	10	310	1	0.19	0.25	29	181	168	6.59	80	1.19	20	1.78	305	4
93HJB2005	13	669452	6091455	CHEMEX	0.1	6.62	6	400	1	0.20	0.25	30	235	379	7.27	120	1.28	20	2.14	290	2
93HJB2007	13	668175	6092200	CHEMEX	0.2	4.96	2	290	1	0.18	0.25	24	179	57	5.77	70	1.39	10	1.94	330	1
93HJB2008	13	668175	6092200	CHEMEX	0.1	5.91	8	410	1	0.27	0.25	25	197	174	6.71	70	1.54	20	1.90	330	2
93HJB2010	13	667500	6089750	CHEMEX	0.1	5.63	2	380	1	0.18	0.25	27	239	153	7.10	80	1.52	10	2.35	275	4
93HJB2012	13	669260	6096480	CHEMEX	0.1	5.22	24	360	1	0.30	0.5	30	126	193	5.92	70	1.43	20	1.81	530	3
93HJB2014	13	668000	6097415	CHEMEX	0.2	5.89	48	280	1	0.15	0.25	25	167	95	5.84	70	1.15	20	1.84	395	1
93HJB2016	13	668475	6095160	CHEMEX	0.1	5.77	4	310	1	0.11	0.25	27	203	100	6.08	60	1.89	20	2.02	335	1
93HJB2018	13	664400	6093345	CHEMEX	0.2	6.41	76	210	1	0.30	0.25	28	121	141	6.07	70	0.84	10	1.55	420	3
93HJB2020	13	664900	6095115	CHEMEX	0.2	5.80	8	210	1	0.27	0.25	24	173	94	6.60	90	0.71	20	1.73	335	1
93HJB2022	13	665085	6094780	CHEMEX	0.2	6.14	12	260	1	0.24	0.25	23	167	167	5.40	100	0.99	20	1.71	305	1
93HJB2024	13	666950	6096415	CHEMEX	0.2	5.67	4	260	1	0.12	0.25	22	188	88	5.75	70	1.12	20	1.84	285	1
93HJB2026	13	670250	6090655	CHEMEX	0.1	6.83	4	170	1	0.13	0.25	22	173	113	6.13	70	0.45	20	1.59	235	2
93HJB2028	13	661700	6047345	CHEMEX	0.1	6.33	4	430	1	0.23	0.25	30	152	339	6.68	120	1.23	20	2.17	355	3
93HJB2030	13	667760	6095600	CHEMEX	0.2	5.57	18	320	1	0.21	0.25	25	158	151	6.21	60	1.48	20	1.96	410	1
93HJB2032	13	668600	6094050	CHEMEX	0.1	4.78	6	620	1	0.14	0.25	19	156	317	8.27	60	1.86	70	1.69	310	11
93HJB2034	13	687375	6098250	CHEMEX	0.1	5.93	14	310	1	0.08	0.25	24	144	150	6.05	80	1.08	10	1.37	265	3
93HJB2036	13	686660	6096550	CHEMEX	0.1	4.38	66	150	1	0.04	0.25	11	111	289	12.89	60	1.80	30	1.06	185	8
93HJB2038	13	687625	6094470	CHEMEX	0.6	7.11	10	180	1	0.07	0.25	19	185	123	8.52	120	0.39	10	1.47	265	4
93HJB2040	13	687950	6093275	CHEMEX	0.6	5.41	10	210	1	0.09	0.25	15	153	72	6.48	130	0.45	10	1.08	170	2
93HJB2042	13	685250	6093410	CHEMEX	2.0	6.87	66	300	1	0.11	0.25	32	138	127	7.36	110	0.88	10	1.26	250	6
93HJB2044	13	686100	6092660	CHEMEX	0.6	7.81	38	170	1	0.20	0.25	28	194	338	7.06	120	0.37	20	1.39	345	5
93HJB2046	13	684425	6092725	CHEMEX	0.6	7.32	22	280	1	0.10	0.5	18	133	709	5.68	190	0.26	20	0.97	190	6
93HJB2048	13	685775	6091650	CHEMEX	0.6	7.05	14	240	1	0.11	0.25	27	180	111	7.65	80	0.84	20	1.51	340	2
93HJB2050	13	686200	6095400	CHEMEX	1.0	6.94	8	300	1	0.08	0.25	16	182	159	8.17	100	0.76	20	1.50	210	4
93HJB2052	14	309375	6093440	CHEMEX	0.8	6.17	2	350	1	0.09	0.25	25	186	146	6.77	80	1.06	10	1.79	230	1
93HJB2054	13	688900	6098400	CHEMEX	1.2	5.96	1	320	1	0.21	0.25	25	146	69	5.94	60	1.19	20	1.62	425	1
93HJB2056	13	689775	6095450	CHEMEX	1.2	6.21	6	180	1	0.10	0.25	22	142	242	6.59	80	0.67	20	1.48	250	7
93HJB2058	13	690880	6094260	CHEMEX	1.0	7.41	8	240	1	0.15	0.25	24	149	177	5.89	90	0.81	20	1.43	405	1
93HJB2060	14	309600	6098340	CHEMEX	1.6	6.37	112	550	1	0.13	0.25	26	146	303	8.96	80	1.29	30	1.95	360	8
93HJB2062	14	309225	6096875	CHEMEX	1.0	7.08	56	170	1	0.10	0.25	19	122	167	5.63	170	0.55	20	1.04	260	6
93HJB2064	14	310360	6088200	CHEMEX	1.0	8.19	8	160	1	0.12	0.25	22	137	42	6.28	150	0.33	20	1.02	235	2
93HJB2066	14	310860	6089700	CHEMEX	1.6	7.23	20	180	1	0.11	0.25	19	103	62	7.51	200	0.31	20	0.91	310	3
93HJB2068	14	312600	6088450	CHEMEX	1.2	6.08	30	190	1	0.20	0.25	28	206	129	8.47	100	0.98	20	1.74	435	3
93HJB2070	14	313675	6089225	CHEMEX	1.0	7.38	12	110	1	0.31	0.25	19	185	132	5.74	90	0.21	30	1.58	305	2
93HJB2072	14	315050	6088850	CHEMEX	0.8	6.65	1	200	1	0.20	0.25	24	175	93	5.18	70	0.52	20	1.74	270	1
93HJB2074	14	316500	6070100	CHEMEX	1.2	5.71	1	400	1	0.50	0.25	21	306	209	5.71	110	0.42	40	1.96	325	1
93HJB2076	14	314900	6069350	CHEMEX	1.0	6.89	18	120	1	0.22	0.5	36	157	300	6.69	180	0.36	20	1.68	395	2
93HJB2078	13	688890	6059300	CHEMEX	0.2	6.18	104	130	1	0.60	0.25	35	241	208	6.53	130	0.19	30	1.86	365	1
93HJB2078A	13	688890	6059300	CHEMEX		4.96	114	110	1	0.47	0.25	34	183	210	12.61	90	0.23	20	2.46	415	1
93HJB2080	13	674300	6086750	CHEMEX	0.1	7.16	26	140	1	0.10	0.25	18	163	75	6.52	120	0.35	20	1.19	230	2
93HJB2084	13	663325	6090375	CHEMEX	0.1	6.50	16	310	1	0.16	0.25	28	173	71	6.74	70	1.09	10	1.74	325	2
93HJB2085	13	663325	6090375	CHEMEX	0.1	6.28	22	330	1	0.16	0.25	24	171	98	6.27	50	1.21	10	1.80	325	1
93HJB2087	13	668850	6085900	CHEMEX	0.1	6.14	20	330	1	0.23	0.25	27	198	119	7.92	70	1.02	20	1.77	445	5
93HJB2092	14	313820	6093250	CHEMEX	0.1	7.74	48	310	1	0.10	0.25	24	131	230	6.29	130	0.81	20	1.25	275	1
93HJB2094	14	310100	6084050	CHEMEX	0.1	7.51	8	140	1	0.09	0.25	18	168	88	7.46	70	0.19	30	1.27	240	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
92MOB1203B	0.88	63	2840	12	1	42	14	0.08	155	82
92MOB1244	0.58	51	2870	12	2	11	34	0.13	76	100
92MOB1245	0.81	93	3320	16	1	15	20	0.16	90	222
93HJB2001	0.78	57	8710	6	1	12	6	0.26	129	114
93HJB2003	0.49	76	3220	1	1	13	11	0.32	159	146
93HJB2005	0.52	106	2560	2	1	17	9	0.38	201	170
93HJB2007	0.48	68	2170	1	1	14	10	0.39	156	158
93HJB2008	0.76	77	3860	1	1	17	15	0.27	168	160
93HJB2010	0.87	76	3060	8	1	18	9	0.48	221	172
93HJB2012	0.52	79	2720	1	1	18	10	0.30	143	176
93HJB2014	0.56	68	3190	6	1	13	12	0.32	144	138
93HJB2016	0.46	76	1740	6	1	15	10	0.39	156	162
93HJB2018	0.66	78	4640	2	1	13	13	0.26	127	134
93HJB2020	0.68	74	2780	4	1	14	10	0.36	172	120
93HJB2022	0.82	69	5720	6	1	12	12	0.16	139	134
93HJB2024	0.46	71	2320	2	1	13	9	0.38	148	136
93HJB2026	0.49	60	2300	2	1	13	10	0.28	144	118
93HJB2028	0.89	75	4540	1	1	20	11	0.13	169	208
93HJB2030	0.80	67	4250	6	1	18	12	0.09	139	170
93HJB2032	0.51	52	2310	28	1	18	148	0.25	167	164
93HJB2034	0.68	62	3950	1	1	12	7	0.27	155	120
93HJB2036	0.47	34	3820	36	1	14	153	0.18	151	130
93HJB2038	0.75	49	5890	4	2	16	7	0.08	209	116
93HJB2040	1.05	42	7980	18	1	10	8	0.11	155	138
93HJB2042	0.65	92	4340	18	1	14	10	0.23	142	136
93HJB2044	1.02	74	10000	16	1	16	7	0.07	149	102
93HJB2046	1.28	69	10000	8	1	19	15	0.07	125	260
93HJB2048	0.65	59	3220	4	1	15	10	0.21	163	136
93HJB2050	0.62	40	2850	6	1	16	8	0.31	167	126
93HJB2052	0.72	71	3640	8	1	12	9	0.11	207	170
93HJB2054	0.78	67	4100	12	1	12	16	0.14	127	150
93HJB2056	0.86	59	6240	4	1	11	8	0.07	143	130
93HJB2058	0.92	69	6710	8	2	12	14	0.07	124	122
93HJB2060	0.73	73	3050	10	2	18	11	0.14	219	220
93HJB2062	2.00	51	10000	6	1	11	9	0.04	105	110
93HJB2064	0.70	48	6530	8	2	11	12	0.17	138	120
93HJB2066	0.82	38	10000	16	1	9	11	0.05	134	238
93HJB2068	0.78	83	5760	14	1	12	10	0.04	169	120
93HJB2070	0.61	67	5720	8	2	13	9	0.22	133	118
93HJB2072	0.79	72	3550	8	1	13	12	0.27	117	204
93HJB2074	0.67	91	2800	6	4	24	29	0.11	88	320
93HJB2076	0.73	95	6240	4	1	12	13	0.13	141	242
93HJB2078	1.97	170	10000	8	1	18	19	0.06	148	92
93HJB2078A	1.16	119	8480	2	1	20	13	0.08	233	62
93HJB2080	0.75	43	3930	6	1	12	8	0.22	129	102
93HJB2084	0.50	65	2250	6	2	13	14	0.30	168	146
93HJB2085	0.48	67	2010	6	4	15	14	0.28	151	144
93HJB2087	1.11	64	7470	6	1	20	18	0.04	197	134
93HJB2092	1.31	56	10000	12	4	13	9	0.05	155	112
93HJB2094	0.76	46	4740	12	1	20	8	0.23	137	98

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93HJB2097	13	684750	6080600	CHEMEX	0.1	7.86	24	140	1	0.11	0.25	22	144	99	6.21	60	0.29	20	1.08	230	1
93HJB2099	13	674850	6075450	CHEMEX	0.1	5.92	26	290	1	0.30	0.25	22	235	95	5.82	60	1.01	30	1.96	405	1
93HJB2101	13	673500	6076380	CHEMEX	0.1	8.57	20	200	1	0.08	0.25	24	199	113	7.60	50	0.53	20	1.82	315	1
93HJB2107	13	680450	6060380	CHEMEX	0.1	5.61	30	420	1	0.29	0.25	24	164	207	6.55	80	0.81	30	1.79	450	1
93HJB2109	13	667200	6066275	CHEMEX	0.1	7.18	28	540	1	0.82	0.25	24	225	276	6.91	80	0.91	40	2.10	285	1
93HJB2111	13	670550	6061900	CHEMEX	0.1	6.14	22	210	1	0.23	0.25	23	199	102	5.80	50	0.58	20	1.87	305	1
93HJB2113	13	667660	6057175	CHEMEX	0.1	6.49	36	520	1	0.39	0.25	43	246	185	7.57	50	2.10	30	2.56	705	1
93HJB2117	14	312300	6061500	CHEMEX	0.1	5.90	34	130	1	0.12	0.25	27	120	94	6.08	70	0.54	40	1.54	410	2
93HJB2119	14	307535	6059175	CHEMEX	0.1	4.95	30	140	1	0.22	0.25	33	153	94	6.01	40	0.71	10	1.80	555	1
93HJB2122	13	691500	6063600	CHEMEX		4.10	8	340	1	0.92	0.25	17	126	64	4.91	50	1.06	30	2.07	385	0.5
93HJB2124	14	312850	6065700	CHEMEX	0.1	8.04	20	270	1	0.12	0.5	23	153	148	5.30	50	0.57	20	1.55	290	1
93HJB2126	14	312850	6081520	CHEMEX	0.1	6.82	48	210	1	0.52	0.25	27	173	407	5.59	50	0.85	40	1.60	665	2
93HJB2128	13	685180	6082815	CHEMEX	0.1	7.09	26	330	1	0.28	0.25	25	150	232	5.72	70	1.27	30	1.64	525	1
93HJB2130	14	313140	6083400	CHEMEX	0.1	7.51	48	150	1	0.14	0.25	25	131	87	5.84	40	0.31	10	1.32	305	2
93HJB2132	13	689475	6062050	CHEMEX	0.1	5.82	64	90	1	0.26	0.25	51	633	196	7.04	100	0.21	10	3.42	530	3
93HJB3001	13	662155	6051728	CHEMEX	0.1	5.82	40	210	1	0.16	0.25	27	203	136	6.50	50	0.81	20	1.85	310	1
93HJB3003	13	663615	6052762	CHEMEX	0.1	5.85	34	260	1	0.17	0.25	30	188	114	6.24	40	1.02	30	1.88	325	1
93HJB3005	13	665302	6050308	CHEMEX	0.1	6.98	26	360	1	0.40	0.25	24	219	66	5.49	90	0.97	40	2.04	335	1
93HJB3007	13	670880	6042658	CHEMEX	0.1	7.09	128	250	1	0.45	0.25	33	137	172	7.54	100	0.84	60	1.70	535	1
93HJB3009	13	669975	6042325	CHEMEX	0.1	6.43	36	400	1	0.55	0.25	21	178	208	6.25	140	0.98	80	1.66	310	1
93HJB3011	13	671680	6050780	CHEMEX	0.1	7.12	126	520	1	0.33	0.25	35	206	258	8.19	110	1.61	30	2.21	475	1
93HJB3013	13	671000	6047850	CHEMEX	0.1	6.45	120	480	1	0.30	0.25	34	248	257	8.95	60	1.76	40	2.56	585	1
93HJB3015	13	670560	6049075	CHEMEX	0.1	6.86	22	330	1	0.24	0.25	30	255	149	7.22	40	1.33	20	2.54	435	1
93HJB3017	13	674220	6050610	CHEMEX	0.1	5.04	138	230	1	0.39	0.25	42	135	169	8.25	70	1.11	50	2.04	670	1
93HJB3019	13	672065	6052730	CHEMEX	0.1	5.22	18	270	1	0.17	0.25	22	152	47	5.16	50	0.67	20	1.63	310	1
93HJB3021	13	666870	6044510	CHEMEX	0.1	2.14	8	190	1	10.49	0.25	11	91	39	2.33	30	0.58	5	4.20	290	1
93HJB3023	13	669485	6047550	CHEMEX	0.1	5.79	14	470	1	0.42	0.25	30	231	176	7.54	80	1.83	70	2.20	455	1
93HJB3025	13	672375	6047630	CHEMEX	0.1	5.02	106	290	1	0.17	0.25	31	165	185	7.02	50	0.94	30	2.08	455	1
93HJB3027	13	675745	6066770	CHEMEX	0.1	4.65	58	420	1	0.41	0.25	20	149	119	5.69	80	0.82	30	1.59	315	1
93HJB3029	13	687925	6059825	CHEMEX	0.1	3.25	24	180	1	4.14	0.25	39	120	148	5.25	150	0.51	10	1.92	455	1
93HJB3030	13	687925	6059825	CHEMEX	0.1	4.91	38	420	1	0.85	0.25	43	198	219	7.74	70	1.94	30	2.62	695	1
93HJB3031	13	687925	6059825	CHEMEX	0.1	5.44	30	610	1	0.53	0.25	36	223	156	7.67	40	2.75	30	2.78	635	1
93HJB3033	13	681660	6062957	CHEMEX	0.1	5.23	54	290	1	0.21	0.25	32	323	149	7.01	70	0.69	30	2.51	430	2
93HJB3035	13	669997	6066623	CHEMEX	0.1	6.90	48	250	1	0.24	0.25	31	180	165	5.51	50	0.88	20	1.54	405	1
93HJB3037	13	662620	6067920	CHEMEX	0.1	5.70	18	290	1	0.35	0.25	28	180	132	5.56	60	0.99	20	1.73	340	1
93HJB3039	13	664771	6065074	CHEMEX	0.1	7.89	44	410	1	0.31	0.25	28	171	352	6.01	80	0.57	20	1.49	505	1
93HJB3041	13	667068	6065209	CHEMEX	0.1	6.13	4	360	1	0.24	0.25	26	225	152	6.54	70	1.36	30	2.16	335	1
93HJB3043	13	663929	6044071	CHEMEX	0.1	2.73	12	200	1	6.67	0.25	17	107	108	3.26	60	0.76	5	4.11	450	1
93HJB3045	13	679930	6064545	CHEMEX	0.1	6.41	32	200	2	0.14	0.25	24	152	51	4.39	40	0.52	20	1.30	215	1
93HJB3047	13	673300	6068505	CHEMEX	0.1	7.99	40	180	1	0.04	0.25	18	123	78	5.01	40	0.28	20	1.13	190	1
93HJB3049	13	663753	6059788	CHEMEX	0.1	7.70	28	320	1	0.31	0.25	34	172	225	6.43	80	0.91	20	1.67	430	1
93HJB3051	13	667901	6051776	CHEMEX	0.1	7.24	32	200	1	0.12	0.25	24	164	104	7.67	130	0.29	20	1.29	305	3
93HJB3053	13	667652	6046404	CHEMEX	0.1	2.81	6	250	1	6.95	0.25	12	98	72	2.86	70	0.47	5	2.71	265	1
93HJB3055	14	310890	6051625	CHEMEX	0.1	3.66	30	230	1	0.77	0.25	25	117	194	5.37	120	0.45	60	2.25	395	1
93HJB3057	14	311820	6051785	CHEMEX	0.1	3.68	18	240	1	3.62	0.25	18	107	117	4.55	100	0.62	30	1.90	365	1
93HJB3059	14	314530	6052595	CHEMEX	0.1	3.34	42	150	1	2.33	0.25	24	96	159	5.48	180	0.42	30	2.65	390	1
93HJB3061	14	315615	6053575	CHEMEX	0.1	5.14	48	130	1	0.25	0.25	32	171	106	6.88	90	0.37	10	2.25	590	1
93HJB3062	14	315615	6053575	CHEMEX	0.1	5.45	42	250	1	0.52	0.25	26	157	216	7.27	230	0.63	30	2.20	480	1
93HJB3064	13	688760	6059875	CHEMEX		4.24	22	360	1	0.77	0.25	19	119	92	4.95	100	1.02	30	2.05	350	0.5
93HJB3066	13	688600	6056590	CHEMEX	0.1	4.07	38	230	1	5.35	0.25	31	235	195	5.04	70	0.80	5	3.04	495	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB2097	0.68	45	6030	8	2	12	8	0.19	121	114
93HJB2099	0.85	69	3960	2	4	22	21	0.22	133	122
93HJB2101	0.90	64	7840	12	1	17	6	0.07	181	158
93HJB2107	0.62	75	3800	8	1	17	39	0.15	116	124
93HJB2109	0.70	82	7460	4	6	26	29	0.07	167	146
93HJB2111	0.62	66	2300	2	1	15	13	0.30	137	118
93HJB2113	0.53	89	1950	4	4	21	23	0.39	187	168
93HJB2117	0.72	47	3920	16	4	12	15	0.14	99	124
93HJB2119	0.51	62	2290	10	2	12	16	0.18	111	106
93HJB2122	0.55	52	2450	14	1	14	37	0.12	100	142
93HJB2124	0.62	55	2550	2	6	13	17	0.18	110	394
93HJB2126	0.90	95	5410	22	6	18	21	0.15	96	170
93HJB2128	0.59	70	3250	14	1	20	19	0.25	114	146
93HJB2130	0.61	60	5530	6	4	11	13	0.21	117	102
93HJB2132	0.82	295	5810	4	1	16	15	0.10	111	112
93HJB3001	0.62	74	3430	8	2	15	8	0.27	144	110
93HJB3003	0.56	74	2730	6	2	13	11	0.23	145	118
93HJB3005	1.09	86	7440	2	4	18	16	0.16	116	128
93HJB3007	0.98	91	9700	6	1	18	16	0.11	128	104
93HJB3009	1.21	88	10000	2	1	23	31	0.08	106	110
93HJB3011	0.68	87	4670	4	1	22	18	0.16	165	162
93HJB3013	0.58	95	1740	6	2	26	19	0.36	200	174
93HJB3015	0.41	87	1670	4	1	17	12	0.42	193	162
93HJB3017	0.59	86	6800	6	1	18	35	0.12	129	122
93HJB3019	0.52	58	2760	6	1	12	18	0.19	126	120
93HJB3021	0.46	32	1800	8	2	7	32	0.07	59	66
93HJB3023	1.02	89	3780	4	1	24	22	0.11	163	162
93HJB3025	0.62	80	2710	6	1	19	13	0.19	137	126
93HJB3027	0.54	66	2270	2	1	17	30	0.14	121	106
93HJB3029	0.75	53	3150	2	1	14	99	0.15	136	92
93HJB3030	0.78	91	2510	6	1	21	26	0.16	202	186
93HJB3031	0.56	87	1330	6	1	22	20	0.32	213	218
93HJB3033	0.59	134	1830	2	1	17	29	0.18	150	110
93HJB3035	0.76	84	4760	4	4	12	13	0.22	138	116
93HJB3037	0.46	69	2670	4	1	15	12	0.25	152	130
93HJB3039	0.82	92	4250	6	1	14	10	0.27	161	102
93HJB3041	0.67	74	2040	2	1	20	12	0.17	176	144
93HJB3043	0.58	48	3390	4	1	9	21	0.08	68	78
93HJB3045	0.64	63	6930	6	1	9	24	0.14	87	86
93HJB3047	0.56	43	3470	10	4	16	11	0.15	113	88
93HJB3049	0.57	90	3630	12	1	15	11	0.18	154	122
93HJB3051	0.56	63	4390	8	6	10	14	0.22	180	200
93HJB3053	0.56	36	2650	2	2	9	25	0.11	59	72
93HJB3055	0.46	69	2710	4	1	15	21	0.03	86	96
93HJB3057	0.81	53	7220	12	1	11	30	0.07	76	110
93HJB3059	0.80	47	5390	4	2	16	22	0.04	94	92
93HJB3061	0.53	64	2350	1	2	16	15	0.10	146	148
93HJB3062	0.58	66	3410	8	1	40	25	0.09	131	134
93HJB3064	0.69	61	7150	12	1	14	50	0.07	108	142
93HJB3066	0.51	76	1780	2	2	18	78	0.14	124	94

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93HJB4001	13	669625	6087900	CHEMEX	0.1	6.18	40	640	1	0.32	0.25	29	231	210	7.55	70	2.63	20	2.73	465	1
93HJB4003	13	670850	6089275	CHEMEX	0.1	7.31	30	340	1	0.26	0.25	35	165	235	6.74	80	1.24	20	1.72	405	2
93HJB4005	13	671000	6090775	CHEMEX	0.1	5.68	20	280	1	0.28	0.25	24	160	73	5.82	70	1.09	20	1.74	340	1
93HJB4007	13	671475	6095950	CHEMEX	0.1	5.99	12	350	1	0.14	0.25	20	194	361	10.39	70	1.72	50	1.66	265	18
93HJB4009	13	672975	6097400	CHEMEX	0.1	4.48	18	210	1	0.26	0.25	21	147	53	5.25	50	0.86	20	1.66	375	2
93HJB4011	13	673925	6097750	CHEMEX	0.1	6.79	1	270	1	0.08	0.25	23	129	94	4.52	60	0.50	20	1.27	265	1
93HJB4013	13	671000	6091775	CHEMEX	0.1	6.81	36	410	1	0.27	0.5	25	224	254	6.81	80	1.06	20	1.81	265	2
93HJB4015	13	669725	6093550	CHEMEX	0.1	4.53	18	330	1	0.34	0.25	22	154	39	5.17	40	1.37	20	1.92	505	1
93HJB4017	13	668625	6092775	CHEMEX	0.1	4.63	4	320	1	0.27	0.25	18	169	79	5.30	60	0.92	20	1.55	270	1
93HJB4019	13	668250	6091000	CHEMEX	0.2	7.72	32	440	1	0.20	0.25	39	182	226	7.69	60	1.31	20	1.63	300	7
93HJB4021	13	670825	6093550	CHEMEX	0.1	6.44	12	380	1	0.25	0.25	37	215	172	7.05	60	1.60	20	2.16	385	2
93HJB4023	13	683125	6095400	CHEMEX	0.1	5.29	20	450	1	0.18	0.25	28	213	109	7.40	70	1.72	20	1.95	380	1
93HJB4025	13	682750	6094400	CHEMEX	0.1	6.25	24	220	1	0.06	0.25	26	187	739	8.02	80	0.72	10	1.48	230	18
93HJB4027	13	682525	6093175	CHEMEX	0.1	6.99	28	410	1	0.13	0.25	30	188	87	7.54	60	1.17	10	1.63	380	2
93HJB4029	13	681750	6092050	CHEMEX	0.4	6.67	18	210	1	0.14	0.25	24	142	61	5.68	70	0.65	20	1.33	330	1
93HJB4031	13	684975	6095375	CHEMEX	0.1	5.65	12	320	1	0.16	0.25	25	193	53	6.17	50	1.45	10	2.07	405	1
93HJB4033	13	684050	6096650	CHEMEX	0.1	5.43	16	460	1	0.17	0.25	23	178	106	7.61	50	1.81	20	1.89	390	2
93HJB4035	13	683125	6094000	CHEMEX	0.1	8.30	20	290	1	0.11	0.25	26	139	128	7.86	80	0.74	10	1.42	270	4
93HJB4037	13	682795	6029100	CHEMEX	0.1	9.27	22	180	1	0.09	0.25	23	154	103	8.73	80	0.31	20	1.39	260	3
93HJB4039	13	682875	6092100	CHEMEX	0.1	6.53	2	310	1	0.28	0.25	26	161	81	7.58	50	0.75	30	1.86	455	1
93HJB4041	13	692150	6089600	CHEMEX	0.4	7.17	34	300	1	0.22	0.25	28	160	101	7.59	60	0.83	20	1.82	355	2
93HJB4043	13	691750	6090650	CHEMEX	0.4	6.06	22	280	1	0.21	0.25	22	178	119	7.43	110	0.96	30	1.86	335	1
93HJB4045	13	691650	6090625	CHEMEX	0.1	6.75	8	210	1	0.16	0.25	22	146	48	5.96	60	0.55	20	1.41	305	1
93HJB4047	14	309225	6094900	CHEMEX	0.1	6.15	2	290	1	0.25	0.25	25	181	46	6.41	40	1.05	20	2.00	420	1
93HJB4049	14	308200	6095700	CHEMEX	0.1	6.76	18	260	1	0.16	0.25	24	188	64	7.43	50	0.75	20	1.66	335	2
93HJB4051	13	691450	6094075	CHEMEX	0.2	6.26	26	390	1	0.32	0.25	35	211	98	6.89	60	1.36	20	2.17	415	2
93HJB4053	14	308275	6093300	CHEMEX	0.2	5.67	12	320	1	0.26	0.25	31	170	52	6.00	60	1.19	10	1.89	430	1
93HJB4055	14	311800	6087350	CHEMEX	0.1	5.66	18	230	1	0.31	0.25	24	181	55	6.35	50	1.18	20	2.02	500	1
93HJB4057	14	312075	6086075	CHEMEX	0.1	5.50	20	250	1	0.22	0.25	23	172	53	5.63	80	1.07	20	1.88	360	1
93HJB4059	14	313400	6086050	CHEMEX	0.2	6.66	16	210	2	0.12	0.25	26	136	90	4.82	60	0.38	10	1.30	205	2
93HJB4061	14	312225	6087350	CHEMEX	0.2	6.38	28	450	1	0.16	0.25	28	211	125	7.71	60	1.59	10	2.29	355	3
93HJB4063	14	314800	6086600	CHEMEX	0.1	6.92	24	220	2	0.11	0.25	26	178	169	6.78	60	0.77	10	1.65	240	3
93HJB4065	13	692450	6065725	CHEMEX	0.1	6.67	38	1010	1	0.76	0.25	34	219	201	6.76	90	0.64	40	1.74	615	1
93HJB4067	14	308850	6068325	CHEMEX	0.1	8.39	24	190	1	0.33	0.25	35	191	135	7.06	90	0.16	20	1.23	285	2
93HJB4069	13	692900	6058925	CHEMEX	0.1	7.24	36	210	2	0.42	0.25	34	174	155	6.25	60	0.71	20	1.75	485	1
93HJB4071	13	691850	6059950	CHEMEX	0.1	6.70	14	310	1	0.21	0.25	27	185	97	6.54	50	0.89	20	1.85	335	1
93HJB4073	14	312100	6068500	CHEMEX	0.1	6.92	22	230	1	0.27	0.25	28	165	147	5.74	60	0.85	20	1.59	425	1
93HJB4075	14	314950	6064100	CHEMEX	0.1	6.06	40	310	1	0.64	0.25	50	284	168	7.60	60	0.95	20	3.03	1170	35
93HJB4077	14	315700	6066975	CHEMEX	0.1	6.49	32	120	4	0.19	0.25	23	88	84	8.78	110	0.20	10	1.35	430	33
93HJB4079	14	311400	6097410	CHEMEX	0.1	9.14	10	310	2	0.10	0.25	22	208	179	5.93	110	0.86	30	1.40	295	1
93HJB4081	14	309550	6091700	CHEMEX	0.1	8.65	28	180	4	0.11	0.25	21	170	165	5.88	150	0.46	40	1.31	320	2
93HJB4083	13	688000	6076350	CHEMEX	0.1	6.57	46	170	2	0.26	1.0	21	153	131	5.16	150	0.39	40	1.15	285	1
93HJB4087	13	677775	6077000	CHEMEX	0.4	5.73	14	280	1	0.39	0.25	26	164	66	6.39	50	0.45	30	1.68	510	1
93HJB4089	13	668525	6077510	CHEMEX	0.4	7.65	4	130	1	0.16	0.25	23	170	93	4.73	70	0.21	20	1.49	250	2
93HJB4091	13	687723	6052595	CHEMEX	0.4	5.45	18	200	1	0.38	0.25	32	310	106	6.02	40	0.78	20	2.75	435	1
93HJB4092	13	687723	6052595	CHEMEX	0.8	6.58	20	570	1	0.45	0.25	32	334	274	7.60	120	0.99	30	2.67	460	1
93HJB4094	13	686022	6050386	CHEMEX	0.4	5.67	36	190	1	0.42	0.25	48	194	159	7.69	60	0.86	20	2.42	700	1
93HJB4096	13	686703	6052604	CHEMEX	0.8	5.13	52	230	1	0.42	0.25	37	133	292	10.06	110	0.58	30	1.91	565	8
93HJB4097	13	686703	6052604	CHEMEX	0.2	4.61	36	220	1	1.10	0.25	31	156	216	7.56	70	0.86	20	2.87	580	3
93HJB4098	13	686703	6052604	CHEMEX	1.4	2.33	64	90	1	0.48	0.25	18	90	338	15.00	100	1.57	30	1.06	330	22

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB4001	0.53	90	1640	6	4	27	14	0.41	221	236
93HJB4003	0.63	90	5420	10	1	14	13	0.08	165	152
93HJB4005	0.57	60	2430	12	2	13	18	0.29	143	178
93HJB4007	0.60	55	2990	46	1	19	105	0.15	219	166
93HJB4009	0.57	56	2100	12	2	11	18	0.26	122	148
93HJB4011	0.82	58	4410	14	2	10	13	0.16	85	162
93HJB4013	0.87	95	4860	4	2	15	15	0.27	169	348
93HJB4015	0.33	65	1810	4	2	14	23	0.27	118	200
93HJB4017	0.69	52	2560	8	1	14	15	0.25	122	120
93HJB4019	0.97	125	6950	10	4	14	13	0.07	184	160
93HJB4021	0.56	100	2480	10	2	16	14	0.23	197	196
93HJB4023	0.72	69	2640	4	1	17	17	0.15	178	172
93HJB4025	1.02	83	4200	12	4	16	4	0.10	240	234
93HJB4027	0.77	66	3420	6	2	14	14	0.24	177	170
93HJB4029	1.08	54	6640	4	4	11	16	0.13	112	152
93HJB4031	0.49	70	2020	10	1	16	14	0.38	149	160
93HJB4033	0.58	62	1980	18	2	17	33	0.29	177	176
93HJB4035	0.63	68	4360	10	1	13	9	0.27	165	134
93HJB4037	0.68	55	5360	6	2	16	8	0.18	190	136
93HJB4039	0.61	70	3370	18	1	19	20	0.22	172	170
93HJB4041	0.67	70	3740	8	8	15	15	0.27	178	158
93HJB4043	0.57	72	2700	12	4	18	14	0.35	169	164
93HJB4045	0.48	55	3210	10	2	12	13	0.25	138	184
93HJB4047	0.43	67	2520	16	1	16	15	0.27	168	150
93HJB4049	0.59	63	3630	14	1	16	10	0.09	174	148
93HJB4051	0.43	95	2290	16	6	17	17	0.35	203	246
93HJB4053	0.43	77	2370	8	2	14	16	0.34	168	202
93HJB4055	0.49	78	2350	14	4	15	22	0.31	149	146
93HJB4057	0.44	64	2870	26	2	15	13	0.35	138	232
93HJB4059	0.63	58	3670	16	2	11	12	0.16	108	176
93HJB4061	0.59	83	5260	18	1	22	9	0.07	244	218
93HJB4063	0.56	80	4220	14	1	15	10	0.20	168	126
93HJB4065	0.97	97	8390	8	1	24	44	0.12	199	144
93HJB4067	1.19	81	10000	8	1	15	25	0.13	169	98
93HJB4069	0.66	87	5360	4	4	14	18	0.17	148	102
93HJB4071	0.40	74	2490	10	1	17	14	0.26	175	130
93HJB4073	0.64	79	4680	14	2	13	19	0.13	142	112
93HJB4075	0.52	141	3580	8	2	16	34	0.23	191	110
93HJB4077	0.68	33	8090	18	1	14	13	0.18	213	416
93HJB4079	0.89	59	10000	12	2	20	6	0.12	172	148
93HJB4081	0.58	56	6790	4	4	18	11	0.21	134	130
93HJB4083	0.73	57	7420	22	2	15	10	0.10	126	216
93HJB4087	0.70	63	2540	14	1	17	29	0.23	138	106
93HJB4089	0.64	60	4670	10	2	12	13	0.20	119	136
93HJB4091	0.61	129	2440	2	2	18	17	0.20	158	114
93HJB4092	0.57	214	2460	4	4	40	26	0.26	171	122
93HJB4094	0.55	92	2120	6	1	23	19	0.33	195	116
93HJB4096	0.60	127	3300	30	1	27	43	0.14	180	100
93HJB4097	0.52	98	1940	6	2	21	34	0.24	184	124
93HJB4098	0.57	58	6270	128	1	23	209	0.02	158	64

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93HJB4100	13	687634	6048225	CHEMEX	0.2	5.12	26	400	1	0.45	0.25	30	213	156	6.62	50	1.79	30	2.62	560	1
93HJB4102	13	692600	6071350	CHEMEX	0.4	7.17	14	250	1	0.20	0.25	34	154	59	5.23	80	0.59	20	1.68	630	8
93HJB4104	13	694075	6070700	CHEMEX	0.4	7.37	14	120	1	0.13	1.0	19	134	221	6.66	150	0.30	20	1.07	250	6
93HJB4106	13	676625	6080850	CHEMEX	0.2	8.22	18	210	1	0.14	0.25	27	132	142	5.69	100	0.30	20	1.35	285	1
93HJB4108	13	684350	6088650	CHEMEX	0.2	6.18	20	160	1	0.11	0.25	20	156	43	6.20	80	0.36	10	1.45	250	3
93HJB4110	13	684875	6086800	CHEMEX	0.2	5.55	12	170	1	0.26	0.25	20	151	290	5.04	90	0.54	30	1.62	280	1
93HJB4112	14	310400	6077725	CHEMEX	0.2	6.82	20	190	1	0.23	0.5	22	142	160	6.23	100	0.58	20	1.54	325	1
93HJB4114	13	666167	6071924	CHEMEX	0.1	6.19	4	230	1	0.29	0.25	26	177	72	5.74	50	0.43	20	1.58	285	2
93HJB4116	13	668473	6071873	CHEMEX	0.2	5.83	6	320	1	0.26	0.25	26	150	44	5.43	50	0.56	20	1.68	420	1
93HJB4118	13	665165	6073803	CHEMEX	0.2	6.14	12	150	1	0.22	0.25	25	185	59	5.54	60	0.44	20	1.71	285	5
93HJB4120	13	662532	6072998	CHEMEX	0.1	6.99	6	270	1	0.19	0.25	28	181	81	7.29	50	1.02	20	1.91	310	3
93HJB4122	13	672872	6078513	CHEMEX	0.1	8.02	8	390	1	0.13	0.25	29	224	155	7.43	50	1.36	20	2.23	350	2
93HJB4124	13	680746	6095448	CHEMEX	0.1	8.65	1	210	1	0.10	0.25	26	184	119	6.10	30	0.42	20	1.39	235	1
93HJB4126	13	678031	6097936	CHEMEX	0.1	7.03	10	230	1	0.16	0.25	24	200	98	7.11	50	0.60	20	1.48	265	2
93HJB4128	13	678292	6096341	CHEMEX	0.2	5.49	22	230	1	0.29	0.25	22	147	114	5.17	40	0.85	20	1.74	355	1
93HJB4131	13	675783	6097475	CHEMEX	0.1	9.13	40	140	1	0.07	0.25	23	175	194	8.02	50	0.19	20	1.32	195	4
93HJB4133	13	673925	6092250	CHEMEX	0.2	6.92	12	450	1	0.36	0.25	28	265	108	7.82	60	1.21	40	2.06	435	1
93HJB4135	13	689200	6066900	CHEMEX	0.1	5.56	1	150	1	0.39	0.25	24	201	90	5.19	40	0.34	20	2.26	385	1
93JC0001	13	638966	6082010	CHEMEX	1.0	6.50	4	450	1	0.40	0.25	19	175	79	5.98	60	1.39	20	1.85	280	1
93JC0003	13	636744	6079511	CHEMEX	1.0	6.22	1	150	1	0.21	0.25	20	159	83	6.34	70	0.55	20	1.58	320	1
93JC0005	13	638205	6079537	CHEMEX	0.8	5.95	2	640	1	0.42	0.25	27	284	138	7.54	50	2.16	40	3.12	470	1
93JC0007	13	644960	6068731	CHEMEX	0.8	6.89	8	490	1	0.19	0.25	24	240	151	7.86	50	1.40	30	2.62	440	2
93JC0009	13	645225	6070326	CHEMEX	0.8	5.77	1	180	1	0.23	0.25	18	173	67	5.81	50	0.42	30	1.62	290	1
93JC0011	13	646400	6072701	CHEMEX	0.8	6.03	2	490	1	0.29	0.25	22	228	159	7.28	50	1.13	20	2.37	330	6
93JC0013	13	646400	6072701	CHEMEX	0.8	7.80	1	220	1	0.14	0.25	24	189	136	6.36	70	0.61	20	1.82	235	3
93JC0014	13	647000	6074440	CHEMEX	1.2	7.33	20	170	1	0.12	0.25	20	176	81	6.36	60	0.43	20	1.66	185	2
93JC0016	13	652900	6063800	CHEMEX	1.2	5.38	16	420	1	0.45	0.25	30	185	145	7.01	70	1.38	50	2.52	530	3
93JC0018	13	652450	6066591	CHEMEX	1.2	7.48	14	170	1	0.49	0.25	25	166	184	5.79	90	0.49	60	1.82	335	2
93JC0019	13	652090	6069970	CHEMEX	1.2	7.06	2	390	1	0.28	0.25	32	165	226	7.33	60	1.06	40	1.94	490	6
93JC0021	13	652950	6072090	CHEMEX	0.6	4.98	8	220	1	0.27	0.25	24	166	83	5.56	50	1.21	20	2.05	385	1
93JC0023	13	655150	6075230	CHEMEX	1.4	9.12	54	180	1	0.18	0.25	26	138	116	6.47	110	0.33	10	1.28	210	3
93JC0024	13	655150	6075230	CHEMEX	1.2	4.88	122	250	1	0.46	0.25	37	139	232	6.08	60	0.96	30	1.76	480	3
93JC0026	13	655000	6075330	CHEMEX	1.0	8.66	50	320	1	0.44	0.25	37	147	190	5.73	90	0.44	20	1.42	580	3
93JC0028	13	637945	6066401	CHEMEX	0.6	4.28	8	250	1	0.40	0.25	20	168	74	4.98	50	0.96	30	1.99	350	1
93JC0030	13	640950	6060185	CHEMEX	0.6	5.57	1	590	1	0.42	0.5	27	281	172	6.86	60	2.34	20	3.05	350	1
93JC0032	13	641250	6068203	CHEMEX	0.6	4.93	16	310	1	0.29	0.25	18	158	51	5.31	50	1.32	20	2.03	320	2
93JC0034	13	644520	6065960	CHEMEX	0.6	5.53	2	370	1	0.24	0.25	22	133	57	5.58	60	0.69	20	1.89	585	2
92JC0036	13	639800	6090130	CHEMEX	0.4	5.62	1	300	1	0.57	0.5	26	293	133	7.00	60	1.36	20	3.45	545	3
93JC0038	13	643550	6062050	CHEMEX	0.8	5.93	1	670	1	0.54	0.5	25	254	155	7.65	70	2.55	40	3.10	500	2
93JC0040	13	641860	6058265	CHEMEX	0.8	6.38	4	380	1	0.50	0.25	21	200	67	6.69	90	0.96	40	2.19	545	1
93JC0042	13	659820	6094300	CHEMEX	0.1	5.38	20	220	1	0.36	0.25	22	172	111	5.91	50	0.61	20	2.17	375	0.5
93JC0044	13	658550	6091550	CHEMEX	0.4	5.82	1	130	1	0.46	0.25	21	154	92	5.88	50	0.64	30	2.96	480	1
93JC0046	13	658500	6087660	CHEMEX	0.8	6.21	50	210	1	0.23	0.25	24	155	73	6.01	100	0.53	30	1.94	300	5
93JC0048	13	659845	6085700	CHEMEX	0.6	4.80	28	230	1	0.22	0.25	22	204	74	6.15	50	1.14	20	2.25	320	2
93JC0049	13	659845	6085700	CHEMEX	0.2	4.61	54	250	1	0.32	0.25	22	179	76	6.52	50	1.02	30	1.94	350	2
93JC0051	13	672880	6039812	CHEMEX	0.2	5.07	34	550	1	1.36	0.25	33	217	126	6.92	70	2.50	30	2.79	575	0.5
93JC0053	13	675275	6041600	CHEMEX	0.2	5.47	70	250	1	0.24	0.25	33	153	188	9.39	180	0.87	40	2.21	635	0.5
93JC0055	13	675225	6036880	CHEMEX	0.1	4.26	42	270	1	3.21	0.25	33	187	157	6.43	100	1.03	20	2.91	490	0.5
93JC0056	13	675225	6036880	CHEMEX	0.4	4.84	56	230	1	0.41	0.25	40	194	223	8.29	110	0.84	30	2.58	740	0.5
93JC0057	13	675225	6036880	CHEMEX	0.8	4.90	8	250	1	0.61	0.25	30	193	130	6.60	110	0.77	40	2.55	610	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93HJB4100	0.49	92	1950	4	1	22	19	0.25	151	162
93HJB4102	1.01	59	6510	6	1	12	17	0.18	119	308
93HJB4104	0.78	53	6520	16	2	10	13	0.23	148	306
93HJB4106	0.65	62	4100	6	1	12	14	0.21	131	102
93HJB4108	0.93	51	3720	14	1	12	10	0.25	169	156
93HJB4110	0.74	56	4000	10	1	13	15	0.18	119	114
93HJB4112	0.60	62	5160	18	1	14	13	0.09	151	396
93HJB4114	0.66	65	2330	8	1	13	16	0.25	130	138
93HJB4116	0.56	69	2810	8	1	12	19	0.27	138	138
93HJB4118	0.84	77	3870	8	1	11	12	0.27	148	110
93HJB4120	0.47	71	2760	10	1	15	13	0.31	192	180
93HJB4122	0.52	84	2780	1	1	18	7	0.21	198	168
93HJB4124	0.57	64	5780	6	1	16	9	0.23	135	100
93HJB4126	0.66	61	3350	8	1	14	14	0.26	170	110
93HJB4128	0.42	58	1930	6	1	13	21	0.29	132	124
93HJB4131	0.64	55	4210	2	1	15	4	0.19	188	118
93HJB4133	0.92	81	3510	6	1	24	20	0.23	202	160
93HJB4135	0.73	73	4450	6	1	15	22	0.18	133	130
93JC0001	0.83	76	3700	6	1	22	30	0.23	100	130
93JC0003	0.74	66	4620	4	2	18	13	0.25	121	90
93JC0005	0.74	115	3170	4	2	23	33	0.40	190	190
93JC0007	0.92	86	3440	2	1	25	16	0.41	166	158
93JC0009	0.82	59	4980	4	1	18	14	0.30	118	90
93JC0011	0.70	81	2780	2	2	22	26	0.47	164	134
93JC0013	0.91	73	5870	2	2	17	10	0.16	148	110
93JC0014	0.59	61	3820	8	4	14	10	0.38	157	118
93JC0016	0.80	90	2540	8	2	21	33	0.32	158	152
93JC0018	0.65	75	5090	4	2	16	17	0.34	133	102
93JC0019	0.69	81	4640	6	1	20	13	0.29	164	124
93JC0021	0.80	69	3540	4	1	16	19	0.29	135	126
93JC0023	1.05	74	10000	6	1	12	12	0.20	132	86
93JC0024	1.09	85	10000	18	4	16	17	0.10	124	132
93JC0026	1.57	88	10000	4	2	15	27	0.14	127	88
93JC0028	0.57	68	1800	2	4	14	23	0.32	109	108
93JC0030	0.64	107	2510	1	1	20	32	0.57	194	200
93JC0032	0.49	61	2350	4	2	15	29	0.29	119	130
93JC0034	0.87	57	6550	2	2	13	19	0.25	124	136
92JC0036	0.68	110	4390	4	1	18	19	0.25	141	132
93JC0038	0.63	107	2450	2	1	26	25	0.43	179	194
93JC0040	0.58	83	2840	4	2	20	25	0.25	140	144
93JC0042	0.71	59	2700	1	1	18	24	0.39	160	134
93JC0044	0.66	63	2370	1	1	15	41	0.26	124	100
93JC0046	1.12	58	5060	6	1	14	20	0.23	147	148
93JC0048	0.64	68	2390	2	1	17	13	0.44	169	130
93JC0049	0.74	59	3160	1	1	16	19	0.17	212	114
93JC0051	0.58	89	2050	1	1	22	42	0.39	172	180
93JC0053	0.87	93	3490	1	1	28	16	0.16	155	118
93JC0055	0.95	87	4670	1	1	18	19	0.16	130	114
93JC0056	1.10	95	4790	1	2	24	14	0.17	157	124
93JC0057	0.48	100	3620	2	1	20	23	0.15	122	118

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93JC0059	13	677615	6038335	CHEMEX	0.2	5.44	54	360	1	0.25	0.25	43	243	232	8.20	120	1.77	30	2.92	620	0.5
93JC0061	13	681985	6041348	CHEMEX		3.34	40	190	1	8.00	0.25	28	134	180	5.01	160	0.86	5	2.56	355	1
93JC0063	13	679770	6034840	CHEMEX	0.1	3.93	22	230	1	5.05	0.5	25	153	146	5.77	100	0.80	5	3.59	455	1
93JC0065	13	681560	6038525	CHEMEX	0.2	4.41	48	280	1	0.57	0.25	30	130	155	6.54	110	0.75	30	2.38	475	0.5
93JC0067	13	693340	6036480	CHEMEX		2.81	20	140	1	9.49	0.25	21	112	128	4.10	90	0.42	5	3.93	460	1
93JC0069	13	691095	6037435	CHEMEX	0.1	2.82	10	220	1	8.05	0.25	16	119	92	3.88	80	0.88	5	2.95	345	0.5
93JC0071	13	690555	6041228	CHEMEX	0.1	2.86	26	200	1	8.24	0.25	24	120	166	4.23	70	0.53	5	4.04	515	0.5
93JC0073	13	693720	6042430	CHEMEX	0.2	4.79	30	220	1	1.88	0.25	25	153	165	5.74	110	1.08	40	2.98	550	0.5
93JC0075	14	308160	6042520	CHEMEX	0.4	3.55	14	210	1	5.77	0.25	19	126	110	4.51	70	0.65	5	2.84	400	0.5
93JC0077	13	689644	6032454	CHEMEX		3.05	24	170	1	10.92	0.25	18	110	113	4.17	90	0.54	5	3.34	410	1
93JC0079	13	688161	6035980	CHEMEX		3.44	4	300	1	6.35	0.25	17	139	71	4.39	50	0.90	5	2.90	390	1
93MOB0001	14	432993	5983988	CHEMEX	0.1	1.94	1	110	1	11.82	0.25	10	94	51	2.22	70	0.26	5	5.47	305	0.5
93MOB0002	14	432993	5983988	CHEMEX	0.1	1.57	1	100	1	11.62	0.25	9	73	45	1.99	60	0.24	5	6.68	320	0.5
93MOB0003	14	438370	5989760	CHEMEX	0.1	1.22	1	110	1	12.13	0.25	7	76	32	1.71	40	0.25	5	5.07	275	0.5
93MOB0004	14	442543	5997379	CHEMEX	0.1	1.25	1	110	1	12.04	0.25	8	90	33	1.81	40	0.27	5	5.27	310	0.5
93MOB0006	14	458927	5996929	CHEMEX	0.1	0.94	1	60	1	15.00	0.25	2	36	22	1.07	50	0.11	10	6.78	200	0.5
93MOB0008	14	452792	5995076	CHEMEX	0.1	1.53	1	90	1	12.73	0.25	4	60	30	1.57	80	0.16	5	5.94	220	0.5
93MOB0010	14	452792	5995076	CHEMEX	0.1	1.45	1	90	1	15.00	0.25	4	59	29	1.51	60	0.18	10	6.43	265	0.5
93MOB0011	14	450386	6007798	CHEMEX	0.1	1.62	1	100	1	10.94	0.25	4	85	28	1.72	50	0.19	5	6.24	225	0.5
93MOB0016	14	396119	6010305	CHEMEX	0.1	2.62	10	190	1	9.61	0.25	10	75	74	2.95	40	0.75	10	5.29	295	0.5
93MOB0016A	14	396119	6010305	CHEMEX	0.1	2.88	4	150	4	7.06	0.5	13	81	78	3.11	70	0.76	10	5.78	285	0.5
93MOB0017	14	396119	6010305	CHEMEX	0.1	1.73	4	130	1	10.98	0.25	5	60	52	2.02	40	0.45	5	5.94	235	0.5
93MOB0018	14	396119	6010305	CHEMEX	0.1	2.43	4	120	8	8.88	0.5	12	73	63	2.54	30	0.55	5	6.61	285	0.5
93MOB0019	14	396119	6010305	CHEMEX	0.1	1.60	1	70	4	15.00	1.5	5	55	32	1.49	10	0.24	5	4.78	165	0.5
93MOB0021	14	392250	6003887	CHEMEX	0.1	1.82	1	130	1	11.81	0.25	7	79	41	2.01	40	0.34	5	4.44	215	0.5
93MOB0023	14	350273	5989115	CHEMEX	0.1	2.79	1	150	1	6.22	0.25	11	97	58	3.14	70	0.43	10	4.70	245	0.5
93MOB0026	14	349429	5992307	CHEMEX	0.1	2.28	2	160	1	7.95	0.25	10	73	44	2.92	50	0.61	5	4.47	270	0.5
93MOB0028	14	347659	5997180	CHEMEX	0.1	2.34	2	190	1	9.14	0.25	10	76	41	2.96	50	0.69	5	4.02	360	0.5
93MOB0031	14	383791	5994607	CHEMEX	0.1	2.02	1	140	1	12.93	0.25	8	83	38	2.32	40	0.38	5	4.25	280	0.5
93MOB0033	14	346832	5999678	CHEMEX	0.1	0.72	1	40	1	12.29	0.25	0	21	15	0.92	60	0.18	5	5.94	175	0.5
93MOB0035	14	339073	5998634	CHEMEX	0.1	1.62	4	90	1	8.52	0.25	13	70	45	3.43	100	0.46	5	3.26	330	0.5
93MOB0037	14	350090	6002408	CHEMEX	0.1	0.78	1	40	1	13.53	0.25	1	25	17	1.00	60	0.16	5	5.98	120	0.5
93MOB0039	14	349715	5997955	CHEMEX	0.1	2.67	4	150	1	6.81	0.25	10	79	51	3.23	70	0.54	5	5.10	275	0.5
93MOB0041	14	352172	5999730	CHEMEX	0.1	3.41	6	220	1	4.13	0.25	14	95	53	4.18	70	0.65	30	2.99	360	0.5
93MOB0043	14	351677	6001231	CHEMEX	0.1	2.32	1	170	1	7.96	0.25	11	74	44	3.08	50	0.71	5	4.56	345	0.5
93MOB0045	14	353564	6010831	CHEMEX	0.1	2.21	1	150	1	7.75	0.25	11	72	50	3.19	40	0.66	5	4.57	355	0.5
93MOB0047	14	351228	6011785	CHEMEX	0.1	2.21	2	160	1	7.60	0.25	11	75	58	3.13	40	0.68	5	4.47	365	0.5
93MOB0049	14	346775	6012468	CHEMEX	0.1	3.28	8	280	1	3.91	0.25	16	107	67	4.27	40	0.99	20	3.48	415	0.5
93MOB0051	14	343494	6010711	CHEMEX	0.1	4.22	1	180	1	0.18	0.25	21	117	49	4.89	40	0.86	20	1.70	390	0.5
93MOB0052	14	345944	6003674	CHEMEX	0.1	2.23	4	150	1	7.14	0.25	10	65	38	3.20	60	0.52	10	3.69	320	1
93MOB0054	14	337971	6007921	CHEMEX	0.1	3.67	2	170	1	2.50	0.25	16	129	72	4.42	80	0.83	30	3.12	310	0.5
93MOB0056	14	345525	6011531	CHEMEX	0.1	2.93	8	240	1	4.13	0.25	15	107	47	3.76	40	0.86	20	3.38	405	0.5
93MOB0057	14	345154	6011492	CHEMEX	0.1	1.69	2	120	1	8.14	0.25	8	55	26	2.25	80	0.47	10	3.78	340	0.5
93MOB0059	14	345154	6011492	CHEMEX	0.1	3.81	2	320	1	1.71	0.25	20	117	78	5.02	40	1.33	40	2.49	475	0.5
93MOB0068	14	355418	6015172	CHEMEX	0.1	2.80	6	190	1	5.96	0.25	13	78	65	3.48	50	0.66	10	4.41	385	0.5
93MOB0070	14	360400	6018029	CHEMEX	0.1	2.31	10	140	1	9.51	0.25	10	65	71	2.91	40	0.44	5	5.23	325	0.5
93MOB0072	14	346189	6012293	CHEMEX	0.1	3.18	10	240	1	5.59	0.25	14	109	62	4.05	40	0.86	20	4.05	415	0.5
93MOB0073	14	346189	6012293	CHEMEX	0.1	3.23	6	280	1	5.28	0.25	15	113	64	4.26	40	0.97	20	4.06	425	0.5
93MOB0074	14	346189	6012293	CHEMEX	0.1	3.03	10	270	1	4.50	0.25	15	112	54	4.10	40	0.99	20	3.75	405	0.5
93MOB0075	14	346189	6012293	CHEMEX	0.1	4.10	14	360	1	1.48	0.25	17	112	73	5.11	70	0.93	40	2.39	380	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93JC0059	0.81	113	3180	1	1	32	18	0.28	186	152
93JC0061	0.63	60	4250	1	1	17	74	0.09	110	82
93JC0063	0.69	69	3780	1	1	19	21	0.14	122	94
93JC0065	0.80	71	3370	1	1	24	25	0.13	143	104
93JC0067	0.41	52	2130	1	1	12	27	0.09	81	80
93JC0069	0.65	48	2830	1	2	12	41	0.14	81	84
93JC0071	0.63	49	2820	1	2	13	37	0.09	86	72
93JC0073	0.85	72	3570	1	2	20	31	0.15	124	130
93JC0075	0.45	55	2590	1	1	13	25	0.14	92	100
93JC0077	0.67	51	3210	2	2	11	33	0.10	79	86
93JC0079	0.52	52	2560	2	1	14	42	0.17	102	106
93MOB0001	0.53	66	2300	8	1	6	40	0.09	43	42
93MOB0002	0.50	55	2680	10	2	5	33	0.07	35	36
93MOB0003	0.40	48	1810	4	1	4	62	0.08	34	34
93MOB0004	0.35	54	1340	4	1	5	43	0.10	40	36
93MOB0006	0.32	27	1970	6	2	2	47	0.03	18	20
93MOB0008	0.41	38	1900	6	2	3	32	0.05	26	28
93MOB0010	0.35	37	1610	4	2	4	40	0.06	26	28
93MOB0011	0.36	47	1380	6	2	4	28	0.08	34	32
93MOB0016	0.51	39	3320	1	1	9	33	0.14	66	78
93MOB0016A	2.50	38	10000	12	6	8	22	0.03	71	80
93MOB0017	0.39	32	2120	4	2	6	38	0.10	46	54
93MOB0018	1.87	33	10000	12	1	6	26	0.04	61	66
93MOB0019	1.86	26	10000	1	4	3	35	0.06	33	78
93MOB0021	0.44	42	2380	8	2	6	31	0.11	45	46
93MOB0023	0.67	41	2440	4	1	10	24	0.16	70	74
93MOB0026	1.17	34	9420	4	2	8	32	0.11	62	74
93MOB0028	1.11	35	7990	6	2	8	43	0.08	68	80
93MOB0031	0.60	41	3720	6	2	6	43	0.12	53	54
93MOB0033	0.23	12	1290	2	4	2	83	0.01	20	24
93MOB0035	0.52	42	3980	6	2	9	74	0.06	56	56
93MOB0037	1.10	12	9570	4	2	2	58	0.01	20	20
93MOB0039	1.37	36	10000	6	1	9	33	0.09	68	78
93MOB0041	1.52	47	10000	6	1	10	33	0.11	73	100
93MOB0043	0.60	35	4250	6	1	9	39	0.12	64	78
93MOB0045	0.41	31	2090	4	2	9	40	0.12	66	80
93MOB0047	0.65	33	5110	2	1	9	38	0.11	66	80
93MOB0049	1.41	48	10000	8	1	12	33	0.04	92	112
93MOB0051	1.91	51	10000	8	1	12	16	0.09	111	130
93MOB0052	1.92	33	10000	12	4	8	81	0.05	64	70
93MOB0054	1.64	74	10000	6	1	13	39	0.08	92	88
93MOB0056	0.58	44	3480	4	1	11	30	0.16	88	100
93MOB0057	0.29	26	1560	12	1	7	63	0.07	51	56
93MOB0059	0.60	52	2380	6	1	15	26	0.20	109	146
93MOB0068	0.50	39	1940	6	2	10	26	0.14	71	88
93MOB0070	0.41	32	1890	2	1	8	37	0.09	55	66
93MOB0072	0.50	45	2020	4	1	11	32	0.16	84	102
93MOB0073	0.45	47	1690	4	1	12	35	0.17	90	110
93MOB0074	0.35	46	1460	4	1	11	32	0.18	85	110
93MOB0075	0.84	57	6310	10	1	13	30	0.09	94	138

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93MOB0076	14	346189	6012293	CHEMEX	0.1	3.05	1	270	1	3.70	0.25	15	107	51	4.12	50	0.86	30	3.19	410	0.5
93MOB0077	14	348975	6014506	CHEMEX	0.1	2.82	1	230	1	6.69	0.25	14	107	51	3.75	40	0.83	10	4.63	425	0.5
93MOB0079	14	345167	6016156	CHEMEX	0.1	3.57	12	240	1	2.91	0.25	16	112	62	4.36	40	0.75	30	3.01	395	0.5
93MOB0081	14	343675	6018568	CHEMEX	0.1	3.64	2	290	1	3.85	0.25	18	138	64	4.84	40	1.20	30	3.40	510	0.5
93MOB0083	14	340216	6020885	CHEMEX	0.1	3.68	2	290	4	1.46	0.25	17	120	63	4.60	40	0.91	30	2.44	415	0.5
93MOB0085	14	340216	6020885	CHEMEX	0.1	3.71	1	280	2	1.04	0.5	18	118	84	5.00	70	0.90	30	2.17	345	1
93MOB0085A	14	337740	6015299	CHEMEX	0.1	4.58	8	290	2	0.66	0.25	20	138	102	5.55	60	1.13	30	2.29	395	0.5
93MOB0087	14	336625	6019200	CHEMEX	0.1	3.12	1	250	2	2.32	0.25	18	125	67	4.35	60	0.83	20	2.62	430	0.5
93MOB0089	14	332250	6014800	CHEMEX	0.1	2.16	6	140	1	7.92	0.25	15	161	90	3.51	80	0.46	5	3.87	365	0.5
93MOB0091	14	325600	6007000	CHEMEX	0.1	3.11	8	240	2	1.95	0.25	16	113	69	4.40	60	0.96	20	2.67	435	1
93MOB0095	14	329850	6015925	CHEMEX	0.1	2.29	1	150	1	6.90	0.5	12	110	79	3.52	40	0.58	5	4.25	390	0.5
93MOB0097	14	326300	6017125	CHEMEX	0.1	2.23	1	180	1	5.78	0.5	13	107	48	3.46	60	0.65	5	3.81	415	0.5
93MOB0099	14	323025	6016300	CHEMEX	0.1	2.47	6	190	1	6.01	0.5	13	119	49	3.61	50	0.64	5	4.28	470	0.5
93MOB0101	14	320350	6011775	CHEMEX	0.1	1.84	4	110	1	6.40	0.25	12	84	55	3.03	60	0.39	5	3.98	315	0.5
93MOB0103	14	324500	5956250	CHEMEX	0.1	1.30	14	110	1	10.58	0.25	10	61	30	2.52	70	0.44	5	4.60	380	0.5
93MOB0104	14	422514	5990266	CHEMEX	0.1	1.25	4	130	1	13.69	0.25	5	87	39	2.15	50	0.29	5	6.07	320	0.5
93MOB0106	14	432235	6003552	CHEMEX	0.1	1.23	2	80	1	15.00	0.25	10	55	83	2.11	50	0.20	5	3.72	265	0.5
93MOB0108	14	425935	6008204	CHEMEX	0.1	1.29	14	110	1	13.16	0.25	3	83	36	1.94	30	0.33	5	6.71	305	0.5
93MOB0110	14	417700	6004128	CHEMEX	0.1	1.47	12	130	1	13.43	0.25	4	95	31	1.97	30	0.35	5	5.99	300	0.5
93MOB0112	14	410823	6008534	CHEMEX	0.1	1.47	12	120	1	13.93	0.25	2	80	32	1.84	40	0.39	5	6.79	290	0.5
93MOB0114	14	420329	6012190	CHEMEX	0.1	1.60	1	110	1	15.00	0.25	4	75	34	1.73	50	0.21	5	5.81	245	0.5
93MOB0116	14	424981	6019970	CHEMEX	0.1	1.56	4	130	1	13.85	0.25	3	76	47	2.13	30	0.50	5	6.45	310	0.5
93MOB0118	14	400204	6015621	CHEMEX	0.1	2.41	26	180	1	12.71	0.25	9	70	63	2.54	70	0.62	5	5.12	325	0.5
93MOB0120	14	403085	6019729	CHEMEX	0.1	3.31	4	230	1	4.79	0.25	12	120	62	3.78	50	0.81	5	3.90	405	1
93MOB0122	14	408017	6017403	CHEMEX	0.1	2.57	18	180	1	10.70	0.25	9	97	52	2.77	70	0.53	5	4.32	325	0.5
93MOB0124	14	422328	6028546	CHEMEX	0.1	1.70	6	120	1	15.00	0.25	3	55	45	1.92	40	0.37	5	4.53	240	0.5
93MOB0126	14	433355	6040607	CHEMEX	0.1	2.86	14	220	1	11.29	0.25	12	128	81	3.09	90	0.64	5	4.76	290	0.5
93MOB0128	14	420837	6044984	CHEMEX	0.1	3.78	46	290	1	4.56	0.25	22	103	134	4.52	110	0.99	30	2.31	435	0.5
93MOB0130	14	414432	6035019	CHEMEX	0.2	2.18	12	120	1	11.48	0.25	8	62	46	2.43	80	0.50	5	4.84	325	0.5
93MOB0133	14	343199	6020885	CHEMEX	0.6	3.91	16	250	1	1.59	0.25	17	116	57	4.53	70	0.92	40	2.41	450	0.5
93MOB0135	14	343834	6022027	CHEMEX	0.4	3.61	4	310	1	2.34	0.25	17	127	56	4.54	60	1.21	30	2.31	455	0.5
93MOB0137	14	344899	6025552	CHEMEX	0.4	3.08	10	230	1	5.67	0.25	14	131	66	4.14	60	1.11	10	4.00	465	0.5
93MOB0139	14	345886	6030351	CHEMEX	0.4	3.57	1	280	1	2.96	0.25	17	138	66	4.60	50	1.27	30	2.78	475	0.5
93MOB0141	14	351284	6033325	CHEMEX	0.1	3.17	2	210	1	3.50	0.25	11	97	61	3.93	60	0.80	10	3.33	360	1
93MOB0145	14	336000	6039250	CHEMEX	0.1	3.04	1	140	1	3.92	0.5	25	99	172	5.13	70	0.56	5	2.80	320	1
93MOB0147	14	340166	6043064	CHEMEX	0.1	3.37	1	240	1	3.44	0.5	19	93	98	4.59	90	0.76	10	2.17	355	2
93MOB0149	14	342439	6039720	CHEMEX	0.1	3.76	4	240	1	4.65	0.5	24	121	139	5.38	60	0.83	5	2.21	410	2
93MOB0151	14	342439	6039720	CHEMEX	0.1	3.75	6	140	1	3.98	0.5	29	106	237	7.19	80	0.51	5	3.43	575	1
93MOB0152	14	364591	6046852	CHEMEX	0.1	2.59	6	160	1	9.29	0.25	16	90	107	4.07	80	0.77	5	4.12	385	1
93MOB0154	14	367003	6049815	CHEMEX	0.8	5.39	10	250	1	0.37	0.25	31	160	77	6.59	70	0.66	30	2.32	340	0.5
93MOB0155	14	363058	6051702	CHEMEX	0.1	5.60	1	100	1	0.25	0.25	17	126	90	4.60	90	0.48	30	1.67	285	2
93MOB0157	14	359629	6052761	CHEMEX	0.6	5.39	28	190	1	0.45	0.25	40	342	157	6.46	60	0.89	20	3.38	570	0.5
93MOB0159	14	332500	6009700	CHEMEX	0.4	2.60	12	130	1	8.10	0.25	14	138	50	3.34	80	0.55	5	4.03	395	0.5
93MOB0162	14	334650	6008375	CHEMEX	0.4	3.38	1	160	1	2.72	0.25	16	147	71	4.34	110	0.78	30	3.23	380	0.5
93MOB0164	14	317275	6041425	CHEMEX	0.1	3.83	14	250	1	3.78	0.25	19	117	113	5.20	130	0.76	5	2.42	405	2
93MOB0168	14	321650	6036875	CHEMEX	0.1	5.14	1	80	1	0.25	0.5	33	176	112	9.29	70	0.48	10	3.32	710	2
93MOB0172	14	329125	6039825	CHEMEX	0.8	3.70	4	170	1	3.27	0.25	27	134	125	5.66	60	0.77	20	2.93	515	0.5
93MOB0174	14	329125	6039825	CHEMEX	0.1	4.87	1	170	1	0.32	0.25	28	149	251	7.51	40	0.70	40	2.62	495	0.5
93MOB0176	14	333950	6041950	CHEMEX	0.8	4.13	16	230	1	0.56	0.25	26	134	180	5.82	70	0.80	30	2.36	580	0.5
93MOB0178	14	359650	6003680	CHEMEX	0.1	2.64	8	130	1	7.68	0.25	4	69	40	2.85	90	0.32	5	5.23	260	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB0076	0.53	46	2450	2	1	11	32	0.16	86	118
93MOB0077	0.34	42	1410	4	1	11	39	0.18	83	96
93MOB0079	0.47	53	2250	6	1	12	28	0.14	85	110
93MOB0081	0.43	60	1670	6	1	14	34	0.22	101	136
93MOB0083	0.38	58	1950	6	4	13	29	0.14	98	126
93MOB0085	0.74	65	4520	10	2	16	25	0.08	90	130
93MOB0085A	0.80	72	4120	6	4	14	26	0.15	113	132
93MOB0087	0.47	57	1690	6	1	12	26	0.14	92	114
93MOB0089	0.41	59	1800	2	2	10	37	0.05	69	66
93MOB0091	0.52	55	2110	6	4	12	25	0.15	96	120
93MOB0095	0.32	52	1440	2	1	10	33	0.08	73	80
93MOB0097	0.43	49	1560	1	1	9	33	0.10	71	90
93MOB0099	0.54	52	1750	4	2	9	28	0.12	73	96
93MOB0101	0.46	49	1830	4	2	7	38	0.05	54	70
93MOB0103	0.51	35	4210	2	2	7	67	0.06	50	54
93MOB0104	0.37	54	1730	1	1	6	77	0.07	44	42
93MOB0106	0.29	29	1420	1	2	6	28	0.02	41	40
93MOB0108	0.36	50	1800	1	1	5	27	0.10	48	46
93MOB0110	0.32	50	1580	1	2	6	41	0.10	49	48
93MOB0112	0.30	39	1120	1	2	6	31	0.12	50	46
93MOB0114	0.37	41	1670	1	2	5	34	0.09	40	36
93MOB0116	0.32	36	1650	2	1	6	41	0.13	58	52
93MOB0118	0.45	31	1980	1	1	9	35	0.12	59	60
93MOB0120	0.57	70	2430	4	1	10	26	0.14	79	98
93MOB0122	0.46	46	1710	1	2	8	32	0.14	61	64
93MOB0124	0.41	25	1940	1	1	6	28	0.09	43	48
93MOB0126	0.62	53	2030	1	2	9	30	0.19	83	68
93MOB0128	0.93	48	5220	1	1	14	27	0.18	99	110
93MOB0130	0.43	28	1990	2	1	7	29	0.10	52	54
93MOB0133	0.45	55	1840	4	1	12	31	0.16	94	118
93MOB0135	0.42	53	1600	2	1	13	31	0.22	100	136
93MOB0137	0.40	52	1830	2	1	12	39	0.21	93	110
93MOB0139	0.48	57	1620	1	1	13	32	0.24	98	136
93MOB0141	0.62	49	2780	4	1	10	23	0.12	78	104
93MOB0145	0.74	51	3860	1	1	14	77	0.07	114	86
93MOB0147	0.79	46	5060	4	4	13	60	0.08	88	98
93MOB0149	0.81	56	4570	2	2	16	96	0.17	120	134
93MOB0151	0.60	54	2770	1	1	18	45	0.08	154	122
93MOB0152	0.52	51	2750	1	1	10	31	0.09	79	76
93MOB0154	0.69	84	3760	8	1	18	24	0.14	112	92
93MOB0155	0.74	57	4620	6	1	10	19	0.18	94	92
93MOB0157	0.68	133	2530	1	1	14	25	0.22	135	104
93MOB0159	0.54	52	2340	2	2	10	46	0.11	70	72
93MOB0162	0.57	62	2050	1	1	12	39	0.12	90	88
93MOB0164	0.77	53	5460	2	1	14	75	0.14	100	118
93MOB0168	0.57	80	2730	1	1	21	11	0.14	201	132
93MOB0172	0.47	66	1840	1	1	17	36	0.12	121	114
93MOB0174	0.76	79	3340	1	4	29	15	0.10	155	112
93MOB0176	0.69	62	2210	4	1	19	22	0.19	125	120
93MOB0178	0.70	35	2390	2	1	8	31	0.09	51	68

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93MOB0181	14	334000	5997600	CHEMEX	0.1	2.37	1	130	1	6.75	0.25	17	126	73	3.33	20	0.57	20	4.63	485	0.5
93MOB0183	14	312750	6000000	CHEMEX	0.1	3.03	1	170	1	1.98	0.5	12	80	49	4.27	100	0.60	20	2.18	315	1
93MOB0185	14	317250	5999750	CHEMEX	0.1	2.38	1	90	1	6.10	0.5	9	74	51	3.17	130	0.41	5	4.15	280	0.5
93MOB0187	14	337900	6044770	CHEMEX	0.1	3.40	1	200	1	4.63	0.5	16	97	321	4.40	70	0.73	5	4.30	485	4
93MOB0189	14	341041	6046092	CHEMEX	0.1	3.73	1	180	1	1.92	0.5	25	92	231	5.54	60	0.67	20	2.59	440	2
93MOB0191	14	345607	6048055	CHEMEX	0.6	3.43	4	120	1	2.06	0.25	20	137	163	4.71	80	0.52	20	2.41	300	0.5
93MOB0193	14	346364	6044034	CHEMEX	0.1	3.39	20	110	1	6.55	0.25	17	79	162	5.58	50	0.42	5	4.56	440	2
93MOB0194	14	346364	6044034	CHEMEX	0.1	3.14	14	110	1	6.05	0.5	17	79	149	5.35	40	0.39	5	4.50	430	2
93MOB0195	14	346364	6044034	CHEMEX	0.1	3.02	6	100	1	5.78	0.5	16	77	150	5.26	50	0.38	5	4.30	405	1
93MOB0196	14	346364	6044034	CHEMEX	0.1	2.89	24	110	1	6.99	0.25	16	71	151	5.13	50	0.33	5	4.45	410	1
93MOB0197	14	346364	6044034	CHEMEX	0.1	3.38	8	90	1	4.79	0.5	19	80	170	6.06	50	0.41	5	4.61	445	1
93MOB0198	14	346364	6044034	CHEMEX	0.1	3.20	1	90	1	5.74	0.5	16	79	140	5.49	50	0.40	5	4.87	425	0.5
93MOB0199	14	346364	6044034	CHEMEX	0.1	3.47	12	120	1	5.48	0.5	17	85	155	5.83	50	0.48	5	4.87	445	1
93MOB0200	14	346364	6044034	CHEMEX	0.1	3.35	12	120	1	4.81	0.5	17	77	189	5.92	40	0.45	5	4.43	415	1
93MOB0201	14	346364	6044034	CHEMEX	0.1	3.79	16	150	1	3.59	0.5	20	85	214	6.54	50	0.57	5	4.01	445	2
93MOB0202	14	346364	6044034	CHEMEX	0.1	3.03	16	140	1	11.18	0.5	16	67	168	5.11	50	0.32	5	3.99	375	0.5
93MOB0203	14	346364	6044034	CHEMEX	0.1	5.59	6	180	1	0.30	0.5	29	114	279	10.13	90	0.44	40	2.49	590	3
93MOB0204	14	346364	6044034	CHEMEX	0.1	5.74	16	140	1	0.26	0.5	33	115	96	9.00	70	0.33	10	2.28	655	4
93MOB0206	14	345801	6037727	CHEMEX	0.1	3.17	8	210	1	6.16	0.25	18	374	114	4.54	60	0.66	5	4.98	440	1
93MOB0210	14	345515	6050997	CHEMEX	0.4	4.64	12	60	1	0.23	0.25	16	135	79	4.48	60	0.09	20	1.54	255	0.5
93MOB0212	14	345980	6054883	CHEMEX	0.1	2.41	4	160	1	9.97	0.25	4	113	42	2.69	50	0.59	5	5.17	255	1
93MOB0217	14	426688	6042763	CHEMEX	0.1	3.51	1	200	1	4.35	0.25	11	106	61	4.02	60	0.70	5	3.75	415	1
93MOB0218	14	420216	6048319	CHEMEX	0.1	2.37	8	160	1	11.73	0.25	8	71	41	3.01	50	0.47	5	2.95	350	1
93MOB0220	14	409950	6040600	CHEMEX	0.1	3.15	22	210	1	6.94	0.25	10	75	95	3.54	100	0.59	5	4.02	305	1
93MOB0222	14	417241	6020531	CHEMEX	0.1	2.31	12	160	1	12.41	0.25	6	97	56	2.76	60	0.61	5	5.78	350	1
93MOB0224	14	413632	6015077	CHEMEX	0.2	1.89	12	100	1	10.28	0.25	4	77	41	1.89	70	0.28	5	5.45	205	0.5
93MOB0226	14	403022	6010425	CHEMEX	0.1	2.07	2	150	1	10.98	0.25	2	93	39	2.57	70	0.46	5	6.51	265	1
93MOB0228	14	383977	6018524	CHEMEX	0.1	1.78	6	120	1	15.00	0.25	3	58	39	2.06	50	0.37	5	4.31	225	0.5
93MOB0230	14	380844	6027465	CHEMEX	0.1	3.35	6	170	1	5.02	0.25	10	86	49	3.58	70	0.59	5	4.11	430	1
93MOB0231A	14	391605	6044611	CHEMEX	0.1	4.85	24	230	1	2.59	0.25	21	124	90	5.34	130	0.49	20	2.21	495	2
93MOB0231B	14	391605	6044611	CHEMEX	0.1	4.52	10	230	1	2.93	0.25	19	116	94	5.04	90	0.55	20	2.58	485	1
93MOB0235	14	375463	6046365	CHEMEX	0.1	3.19	6	170	1	9.07	0.5	14	90	136	3.66	90	0.49	5	6.15	545	1
93MOB0237	14	394309	6025265	CHEMEX	0.1	2.11	22	140	1	12.63	0.25	5	51	49	2.48	50	0.39	5	5.42	335	0.5
93MOB0239	14	401278	6035643	CHEMEX	0.2	1.89	24	150	1	8.30	0.25	4	52	48	2.14	70	0.41	5	5.39	240	0.5
93MOB0241	14	399519	6040423	CHEMEX	0.1	2.31	14	190	1	12.35	0.25	10	74	49	2.94	50	0.48	5	3.78	360	0.5
93MOB0243	14	393750	6037063	CHEMEX	0.1	3.98	26	210	1	6.22	0.25	19	97	122	4.15	70	0.60	5	4.36	365	0.5
93MOB0245	14	388124	6033688	CHEMEX	0.1	2.28	10	180	1	12.90	0.25	7	68	51	2.82	50	0.47	5	4.88	305	1
93MOB0247	14	378984	6022046	CHEMEX	0.1	3.43	1	220	1	7.35	0.25	14	126	76	3.87	60	1.08	5	3.67	390	0.5
93MOB0249	14	368447	6027346	CHEMEX	0.1	2.58	8	120	1	10.58	0.25	6	59	58	3.03	60	0.26	5	5.58	360	0.5
93MOB0251	14	368558	6031608	CHEMEX	0.1	2.09	8	210	1	12.28	0.25	7	69	34	2.58	50	0.45	5	3.87	275	0.5
93MOB0253	14	366449	6035161	CHEMEX	0.1	1.52	12	130	1	15.00	0.25	3	41	35	1.99	40	0.24	5	4.85	270	0.5
93MOB0255	14	360721	6029788	CHEMEX	0.1	1.57	16	90	1	15.00	0.25	1	41	36	1.94	50	0.28	5	5.65	260	0.5
93MOB0257	14	355281	6031697	CHEMEX	0.2	2.21	2	190	1	7.43	0.25	11	86	44	2.87	60	0.68	5	3.53	385	0.5
93MOB0259	14	356424	6049639	CHEMEX	0.1	4.96	6	240	1	0.50	0.25	35	268	184	6.42	80	1.27	40	3.60	400	1
93MOB0261	14	368035	6059110	CHEMEX	0.1	4.27	2	290	1	0.35	0.25	26	256	176	5.80	70	0.48	20	2.64	390	2
93MOB0263	14	368154	6055975	CHEMEX	0.1	5.23	6	270	1	0.24	0.25	21	196	95	6.05	50	1.39	10	2.46	430	1
93MOB0265	14	385188	6050824	CHEMEX	0.1	5.96	4	330	1	0.61	0.25	21	191	135	5.72	140	0.85	50	2.80	445	1
93MOB1001	14	466768	5983546	CHEMEX	0.1	2.87	1	160	1	5.32	0.25	12	81	50	3.34	60	0.41	5	4.04	435	0.5
93MOB1004	14	463849	5989061	CHEMEX	0.1	1.29	4	90	1	15.00	0.25	2	42	28	1.53	60	0.15	5	5.59	250	0.5
93MOB1005	14	422514	5990266	CHEMEX	0.8	1.28	4	80	1	12.89	0.25	4	48	29	1.89	40	0.23	5	4.83	285	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB0181	0.53	57	3030	4	1	9	44	0.08	73	72
93MOB0183	1.24	47	6830	8	1	10	35	0.06	79	112
93MOB0185	0.71	38	3260	1	1	8	59	0.05	65	64
93MOB0187	0.66	50	3310	1	1	13	29	0.12	93	108
93MOB0189	0.64	55	2690	1	1	16	32	0.05	108	96
93MOB0191	0.66	59	2700	1	1	15	26	0.02	93	82
93MOB0193	0.63	46	3800	1	4	17	22	0.04	104	92
93MOB0194	0.42	45	1660	1	1	16	21	0.04	99	90
93MOB0195	0.51	43	2660	1	1	15	19	0.04	96	86
93MOB0196	0.46	41	2420	1	4	15	21	0.04	93	88
93MOB0197	0.57	51	3090	1	2	16	17	0.04	108	100
93MOB0198	0.48	45	2270	1	1	15	19	0.04	100	92
93MOB0199	0.46	48	1930	1	1	17	20	0.05	105	98
93MOB0200	0.47	45	2010	1	1	16	19	0.04	101	94
93MOB0201	0.55	52	2410	2	1	18	19	0.06	112	106
93MOB0202	0.49	38	2870	1	1	16	26	0.03	91	76
93MOB0203	0.76	71	3700	4	1	33	14	0.06	165	112
93MOB0204	0.64	63	2710	6	4	19	13	0.08	171	122
93MOB0206	0.50	92	2010	1	1	12	31	0.08	85	84
93MOB0210	0.65	47	2680	1	1	13	18	0.18	97	78
93MOB0212	0.52	48	2390	2	2	7	24	0.14	60	64
93MOB0217	0.52	50	2460	6	1	11	23	0.16	80	104
93MOB0218	0.56	31	1890	6	2	7	37	0.12	61	76
93MOB0220	0.67	37	3160	1	1	10	22	0.13	74	84
93MOB0222	0.48	45	2580	2	1	8	27	0.15	66	66
93MOB0224	0.52	33	1960	1	1	5	25	0.11	43	44
93MOB0226	0.62	45	3530	1	1	7	29	0.13	59	56
93MOB0228	0.43	25	2120	1	1	6	36	0.09	46	50
93MOB0230	0.74	44	3210	4	2	9	27	0.14	70	96
93MOB0231A	0.92	65	3340	12	6	15	21	0.18	103	118
93MOB0231B	0.87	61	3350	8	1	14	23	0.18	98	122
93MOB0235	0.66	62	4010	2	1	10	22	0.10	72	76
93MOB0237	0.46	25	1970	1	2	7	25	0.09	48	54
93MOB0239	0.45	24	1630	1	2	7	21	0.10	42	50
93MOB0241	0.57	32	2590	1	1	9	59	0.13	64	72
93MOB0243	0.79	49	3260	1	2	15	17	0.11	84	84
93MOB0245	0.49	28	1950	1	1	9	46	0.12	66	64
93MOB0247	0.66	66	3470	1	1	11	32	0.22	88	108
93MOB0249	0.61	24	2530	1	1	9	26	0.07	60	58
93MOB0251	0.42	30	2270	1	1	8	73	0.11	54	64
93MOB0253	0.36	19	1840	1	2	6	62	0.06	39	42
93MOB0255	0.36	20	2120	1	2	6	33	0.07	39	44
93MOB0257	0.41	36	1610	2	1	8	116	0.13	63	76
93MOB0259	0.95	151	4740	1	2	20	20	0.19	133	120
93MOB0261	0.83	103	2630	1	1	17	28	0.24	132	94
93MOB0263	0.69	71	3000	2	1	19	16	0.34	131	148
93MOB0265	0.97	64	5010	1	2	29	18	0.22	116	132
93MOB1001	0.51	51	1830	8	1	8	25	0.10	56	80
93MOB1004	0.41	33	1860	1	1	3	36	0.03	24	32
93MOB1005	0.37	31	1630	1	2	5	40	0.06	34	42

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93MOB0181	14	334000	5997600	CHEMEX	0.1	2.37	1	130	1	6.75	0.25	17	126	73	3.33	20	0.57	20	4.63	485	0.5
93MOB0183	14	312750	6000000	CHEMEX	0.1	3.03	1	170	1	1.98	0.5	12	80	49	4.27	100	0.60	20	2.18	315	1
93MOB0185	14	317250	5999750	CHEMEX	0.1	2.38	1	90	1	6.10	0.5	9	74	51	3.17	130	0.41	5	4.15	280	0.5
93MOB0187	14	337900	6044770	CHEMEX	0.1	3.40	1	200	1	4.63	0.5	16	97	321	4.40	70	0.73	5	4.30	485	4
93MOB0189	14	341041	6046092	CHEMEX	0.1	3.73	1	180	1	1.92	0.5	25	92	231	5.54	60	0.67	20	2.59	440	2
93MOB0191	14	345607	6048055	CHEMEX	0.6	3.43	4	120	1	2.06	0.25	20	137	163	4.71	80	0.52	20	2.41	300	0.5
93MOB0193	14	346364	6044034	CHEMEX	0.1	3.39	20	110	1	6.55	0.25	17	79	162	5.58	50	0.42	5	4.56	440	2
93MOB0194	14	346364	6044034	CHEMEX	0.1	3.14	14	110	1	6.05	0.5	17	79	149	5.35	40	0.39	5	4.50	430	2
93MOB0195	14	346364	6044034	CHEMEX	0.1	3.02	6	100	1	5.78	0.5	16	77	150	5.26	50	0.38	5	4.30	405	1
93MOB0196	14	346364	6044034	CHEMEX	0.1	2.89	24	110	1	6.99	0.25	16	71	151	5.13	50	0.33	5	4.45	410	1
93MOB0197	14	346364	6044034	CHEMEX	0.1	3.38	8	90	1	4.79	0.5	19	80	170	6.06	50	0.41	5	4.61	445	1
93MOB0198	14	346364	6044034	CHEMEX	0.1	3.20	1	90	1	5.74	0.5	16	79	140	5.49	50	0.40	5	4.87	425	0.5
93MOB0199	14	346364	6044034	CHEMEX	0.1	3.47	12	120	1	5.48	0.5	17	85	155	5.83	50	0.48	5	4.87	445	1
93MOB0200	14	346364	6044034	CHEMEX	0.1	3.35	12	120	1	4.81	0.5	17	77	189	5.92	40	0.45	5	4.43	415	1
93MOB0201	14	346364	6044034	CHEMEX	0.1	3.79	16	150	1	3.59	0.5	20	85	214	6.54	50	0.57	5	4.01	445	2
93MOB0202	14	346364	6044034	CHEMEX	0.1	3.03	16	140	1	11.18	0.5	16	67	168	5.11	50	0.32	5	3.99	375	0.5
93MOB0203	14	346364	6044034	CHEMEX	0.1	5.59	6	180	1	0.30	0.5	29	114	279	10.13	90	0.44	40	2.49	590	3
93MOB0204	14	346364	6044034	CHEMEX	0.1	5.74	16	140	1	0.26	0.5	33	115	96	9.00	70	0.33	10	2.28	655	4
93MOB0206	14	345801	6037727	CHEMEX	0.1	3.17	8	210	1	6.16	0.25	18	374	114	4.54	60	0.66	5	4.98	440	1
93MOB0210	14	345515	6050997	CHEMEX	0.4	4.64	12	60	1	0.23	0.25	16	135	79	4.48	60	0.09	20	1.54	255	0.5
93MOB0212	14	345980	6054883	CHEMEX	0.1	2.41	4	160	1	9.97	0.25	4	113	42	2.69	50	0.59	5	5.17	255	1
93MOB0217	14	426688	6042763	CHEMEX	0.1	3.51	1	200	1	4.35	0.25	11	106	61	4.02	60	0.70	5	3.75	415	1
93MOB0218	14	420216	6048319	CHEMEX	0.1	2.37	8	160	1	11.73	0.25	8	71	41	3.01	50	0.47	5	2.95	350	1
93MOB0220	14	409950	6040600	CHEMEX	0.1	3.15	22	210	1	6.94	0.25	10	75	95	3.54	100	0.59	5	4.02	305	1
93MOB0222	14	417241	6020531	CHEMEX	0.1	2.31	12	160	1	12.41	0.25	6	97	56	2.76	60	0.61	5	5.78	350	1
93MOB0224	14	413632	6015077	CHEMEX	0.2	1.89	12	100	1	10.28	0.25	4	77	41	1.89	70	0.28	5	5.45	205	0.5
93MOB0226	14	403022	6010425	CHEMEX	0.1	2.07	2	150	1	10.98	0.25	2	93	39	2.57	70	0.46	5	6.51	265	1
93MOB0228	14	383977	6018524	CHEMEX	0.1	1.78	6	120	1	15.00	0.25	3	58	39	2.06	50	0.37	5	4.31	225	0.5
93MOB0230	14	380844	6027465	CHEMEX	0.1	3.35	6	170	1	5.02	0.25	10	86	49	3.58	70	0.59	5	4.11	430	1
93MOB0231A	14	391605	6044611	CHEMEX	0.1	4.85	24	230	1	2.59	0.25	21	124	90	5.34	130	0.49	20	2.21	495	2
93MOB0231B	14	391605	6044611	CHEMEX	0.1	4.52	10	230	1	2.93	0.25	19	116	94	5.04	90	0.55	20	2.58	485	1
93MOB0235	14	375463	6046365	CHEMEX	0.1	3.19	6	170	1	9.07	0.5	14	90	136	3.66	90	0.49	5	6.15	545	1
93MOB0237	14	394309	6025265	CHEMEX	0.1	2.11	22	140	1	12.63	0.25	5	51	49	2.48	50	0.39	5	5.42	335	0.5
93MOB0239	14	401278	6035643	CHEMEX	0.2	1.89	24	150	1	8.30	0.25	4	52	48	2.14	70	0.41	5	5.39	240	0.5
93MOB0241	14	399519	6040423	CHEMEX	0.1	2.31	14	190	1	12.35	0.25	10	74	49	2.94	50	0.48	5	3.78	360	0.5
93MOB0243	14	393750	6037063	CHEMEX	0.1	3.98	26	210	1	6.22	0.25	19	97	122	4.15	70	0.60	5	4.36	365	0.5
93MOB0245	14	388124	6033688	CHEMEX	0.1	2.28	10	180	1	12.90	0.25	7	68	51	2.82	50	0.47	5	4.88	305	1
93MOB0247	14	378984	6022046	CHEMEX	0.1	3.43	1	220	1	7.35	0.25	14	126	76	3.87	60	1.08	5	3.67	390	0.5
93MOB0249	14	368447	6027346	CHEMEX	0.1	2.58	8	120	1	10.58	0.25	6	59	58	3.03	60	0.26	5	5.58	360	0.5
93MOB0251	14	368558	6031608	CHEMEX	0.1	2.09	8	210	1	12.28	0.25	7	69	34	2.58	50	0.45	5	3.87	275	0.5
93MOB0253	14	366449	6035161	CHEMEX	0.1	1.52	12	130	1	15.00	0.25	3	41	35	1.99	40	0.24	5	4.85	270	0.5
93MOB0255	14	360721	6029788	CHEMEX	0.1	1.57	16	90	1	15.00	0.25	1	41	36	1.94	50	0.28	5	5.65	260	0.5
93MOB0257	14	355281	6031697	CHEMEX	0.2	2.21	2	190	1	7.43	0.25	11	86	44	2.87	60	0.68	5	3.53	385	0.5
93MOB0259	14	356424	6049639	CHEMEX	0.1	4.96	6	240	1	0.50	0.25	35	268	184	6.42	80	1.27	40	3.60	400	1
93MOB0261	14	368035	6059110	CHEMEX	0.1	4.27	2	290	1	0.35	0.25	26	256	176	5.80	70	0.48	20	2.64	390	2
93MOB0263	14	368154	6055975	CHEMEX	0.1	5.23	6	270	1	0.24	0.25	21	196	95	6.05	50	1.39	10	2.46	430	1
93MOB0265	14	385188	6050824	CHEMEX	0.1	5.96	4	330	1	0.61	0.25	21	191	135	5.72	140	0.85	50	2.80	445	1
93MOB1001	14	466768	5983546	CHEMEX	0.1	2.87	1	160	1	5.32	0.25	12	81	50	3.34	60	0.41	5	4.04	435	0.5
93MOB1004	14	463849	5989061	CHEMEX	0.1	1.29	4	90	1	15.00	0.25	2	42	28	1.53	60	0.15	5	5.59	250	0.5
93MOB1005	14	422514	5990266	CHEMEX	0.8	1.28	4	80	1	12.89	0.25	4	48	29	1.89	40	0.23	5	4.83	285	0.5

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93MOB1007	14	430725	5993414	CHEMEX	0.1	1.56	12	100	1	14.46	0.25	2	81	38	2.05	50	0.28	5	6.69	265	0.5
93MOB1009	14	433389	5990911	CHEMEX	0.1	1.09	4	70	1	15.00	0.25	1	56	27	1.49	40	0.19	5	5.45	205	0.5
93MOB1011	14	387594	5998382	CHEMEX	0.1	1.18	2	90	1	13.36	0.25	10	59	35	2.62	60	0.27	5	4.46	390	0.5
93MOB1013	14	387576	5994777	CHEMEX	0.1	1.58	6	100	1	15.00	0.25	7	61	33	2.07	40	0.24	5	3.94	325	0.5
93MOB1015	14	383034	5992036	CHEMEX	0.1	2.96	32	140	1	7.00	0.25	11	90	45	3.48	120	0.45	5	4.89	430	0.5
93MOB1017	14	382780	5991765	CHEMEX	0.1	1.32	4	80	1	14.69	0.25	2	57	39	1.96	60	0.25	5	6.05	285	0.5
93MOB1019	14	381705	5990377	CHEMEX	0.1	1.44	6	90	1	14.48	0.25	2	67	29	1.97	50	0.31	5	5.86	265	0.5
93MOB1021	14	376739	5990126	CHEMEX	0.1	1.53	6	80	1	15.00	0.25	2	52	28	1.81	70	0.23	5	5.52	190	0.5
93MOB1023	14	376979	5985562	CHEMEX	0.1	4.02	12	190	1	2.41	0.25	18	119	47	4.49	80	0.51	30	2.72	465	0.5
93MOB1025	14	357977	5997269	CHEMEX	0.1	1.88	4	110	1	9.03	0.25	4	60	36	2.39	110	0.26	5	5.59	205	0.5
93MOB1027	14	361841	5997849	CHEMEX	0.1	1.56	12	110	1	13.55	0.25	3	49	21	2.06	90	0.24	5	5.55	220	0.5
93MOB1029	14	346106	6011208	CHEMEX	0.1	2.86	1	240	1	6.04	0.25	14	107	60	3.99	40	0.93	5	4.30	445	0.5
93MOB1034	14	372835	5989725	CHEMEX	0.1	1.33	16	70	1	15.00	0.25	2	51	24	1.69	80	0.23	5	5.32	190	0.5
93MOB1035	14	373188	5996324	CHEMEX	0.1	1.22	8	90	1	15.00	0.25	3	36	24	1.46	50	0.25	5	4.71	225	0.5
93MOB1038	14	376826	6003505	CHEMEX	0.1	1.76	12	140	1	10.70	0.25	6	55	43	2.41	50	0.40	5	5.06	290	0.5
93MOB1040	14	374455	6008735	CHEMEX	0.1	1.50	6	150	1	14.69	0.25	4	59	32	1.93	30	0.34	5	4.51	255	0.5
93MOB1042	14	360588	6011721	CHEMEX	0.1	1.58	8	100	1	11.56	0.25	3	44	31	2.29	50	0.38	5	5.66	280	0.5
93MOB1044	14	364477	6011360	CHEMEX	0.1	1.77	12	100	1	12.20	0.25	2	44	38	2.36	50	0.34	5	5.90	245	0.5
93MOB1046	14	368788	6014733	CHEMEX	0.1	1.57	4	100	1	10.14	0.25	5	42	33	2.51	50	0.37	5	4.96	330	0.5
93MOB1049	14	373389	6021737	CHEMEX	0.1	2.45	6	180	1	7.25	0.25	9	84	52	3.20	40	0.64	5	4.49	365	0.5
93MOB1052	14	417533	5984711	CHEMEX	0.1	1.18	8	90	1	15.00	0.25	2	64	25	1.64	30	0.21	5	5.48	220	0.5
93MOB1054	14	336500	6001025	CHEMEX	0.1	2.13	1	120	1	9.38	0.25	11	97	49	2.99	80	0.51	5	3.61	305	0.5
93MOB1056	14	331175	6002025	CHEMEX	0.1	2.55	1	160	1	8.23	0.25	13	121	75	3.76	80	0.61	5	4.70	435	0.5
93MOB1058	14	329525	6007000	CHEMEX	0.1	3.32	1	260	1	1.00	0.25	16	114	58	4.47	50	0.87	30	2.19	330	1
93MOB1060	14	330475	6011100	CHEMEX	0.1	2.08	1	140	1	9.07	0.25	11	124	48	3.15	60	0.49	5	4.36	380	0.5
93MOB1062	14	312850	6016400	CHEMEX	0.1	1.40	2	120	1	12.35	0.25	3	91	37	1.96	50	0.37	5	6.60	295	0.5
93MOB1064	14	318225	6019150	CHEMEX	0.1	2.53	1	170	1	6.23	0.25	17	110	75	3.97	50	0.53	5	4.03	450	0.5
93MOB1067	14	318175	6022675	CHEMEX	0.1	2.52	2	110	1	6.30	0.25	17	114	133	4.51	50	0.42	5	5.02	440	1
93MOB1069	14	322375	6023400	CHEMEX	0.1	2.11	14	150	1	8.99	0.25	10	95	99	3.61	40	0.51	5	5.76	390	0.5
93MOB1071	14	323850	6026150	CHEMEX	0.1	2.18	1	140	1	7.80	0.5	10	108	104	3.59	40	0.48	5	5.02	360	0.5
93MOB1073	14	325350	6029150	CHEMEX	0.1	2.47	4	120	1	5.61	0.25	18	103	121	4.22	40	0.55	5	4.69	435	0.5
93MOB1076	14	329050	6029450	CHEMEX	0.1	2.63	6	150	1	5.70	0.25	16	129	97	4.34	40	0.69	5	4.87	455	0.5
93MOB1077	14	333125	6030000	CHEMEX	0.1	1.90	4	130	1	7.42	0.25	13	74	57	3.01	40	0.47	5	3.71	315	0.5
93MOB1079	14	336850	6030450	CHEMEX	0.1	2.98	1	220	1	6.74	0.5	15	171	93	4.29	40	0.71	5	3.34	400	0.5
93MOB1081	14	339448	6031756	CHEMEX	0.1	3.16	1	210	1	4.07	0.5	16	154	65	4.35	30	1.06	5	3.44	480	1
93MOB1083	14	344397	6028479	CHEMEX	0.1	2.92	2	230	1	7.02	0.25	16	132	79	4.13	50	0.96	5	3.93	465	0.5
93MOB1085	14	340501	6024716	CHEMEX	0.8	4.54	14	260	1	0.30	0.25	18	155	51	5.48	60	1.27	20	2.04	375	0.5
93MOB1087	14	337050	6025850	CHEMEX	0.1	4.45	2	300	1	0.79	0.25	24	191	65	5.25	60	1.54	30	2.90	400	0.5
93MOB1089	14	342670	6032676	CHEMEX	0.8	3.46	16	220	1	4.70	0.25	24	243	130	5.14	90	0.90	20	3.76	525	0.5
93MOB1091	14	336800	6033750	CHEMEX	0.2	3.08	1	190	1	6.58	0.25	18	126	136	4.65	90	0.76	5	3.20	405	0.5
93MOB1093	14	332075	6035875	CHEMEX	0.1	4.56	1	280	1	0.96	0.25	24	161	68	5.31	80	0.92	40	2.49	485	0.5
93MOB1095	14	347869	6037760	CHEMEX	0.1	2.44	6	130	1	12.47	0.25	6	117	59	3.19	50	0.48	5	5.62	335	0.5
93MOB1097	14	351403	6041952	CHEMEX	0.1	3.03	6	220	1	6.48	0.25	11	111	61	3.64	60	0.65	5	3.50	360	0.5
93MOB1099	14	352396	6045382	CHEMEX	0.1	3.47	16	170	1	7.74	0.25	12	246	128	4.39	50	0.81	5	6.22	420	1
93MOB1101	14	348162	6044956	CHEMEX	0.1	4.30	12	130	1	2.30	0.25	23	131	175	6.53	50	0.72	5	3.92	435	1
93MOB1103	14	354005	6041786	CHEMEX	0.2	2.27	4	230	1	11.97	0.25	16	99	94	3.14	80	0.44	5	2.66	290	0.5
93MOB1105	14	339580	6013874	CHEMEX	0.1	3.00	12	130	1	6.89	0.25	11	110	48	3.72	80	0.67	5	4.60	350	1
93MOB1107	14	359999	6036185	CHEMEX	0.4	4.41	4	220	1	1.37	0.25	19	124	64	4.98	110	0.50	50	2.40	460	0.5
93MOB1110	14	356916	6036540	CHEMEX	0.2	2.78	12	150	1	8.61	0.25	13	103	91	3.32	90	0.52	5	5.40	395	0.5
93MOB1112	14	362238	6034544	CHEMEX	0.1	1.16	8	70	1	15.00	0.25	2	32	26	1.38	60	0.19	30	5.03	210	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB1007	0.44	55	2010	1	2	6	38	0.09	40	44
93MOB1009	0.35	39	1580	1	2	4	44	0.06	29	32
93MOB1011	0.28	42	1360	2	1	7	50	0.07	41	46
93MOB1013	0.39	33	1780	2	1	6	36	0.07	44	44
93MOB1015	0.60	60	2390	6	4	9	32	0.11	66	76
93MOB1017	0.35	36	1440	1	1	5	33	0.06	46	38
93MOB1019	0.33	42	1280	1	2	6	36	0.09	45	44
93MOB1021	0.41	28	1790	1	1	5	38	0.06	37	38
93MOB1023	0.86	82	3400	6	6	11	29	0.13	78	106
93MOB1025	0.49	29	2110	1	1	7	22	0.07	46	56
93MOB1027	0.41	24	1790	2	2	6	30	0.06	38	44
93MOB1029	0.45	46	1710	1	1	11	30	0.17	91	106
93MOB1034	0.66	29	4660	1	2	4	37	0.06	34	40
93MOB1035	0.74	20	7220	1	2	4	74	0.04	30	34
93MOB1038	0.84	30	6360	2	2	7	34	0.07	60	54
93MOB1040	0.59	24	3850	2	1	6	65	0.07	45	46
93MOB1042	0.69	22	5490	1	2	7	38	0.06	42	56
93MOB1044	0.38	22	1780	1	1	7	32	0.06	39	56
93MOB1046	0.79	23	5930	4	2	7	42	0.07	41	60
93MOB1049	0.71	37	4280	1	2	9	47	0.12	70	88
93MOB1052	0.33	39	1680	1	2	4	44	0.07	30	34
93MOB1054	0.32	46	1680	1	2	9	56	0.06	61	58
93MOB1056	0.38	53	1620	1	1	10	46	0.09	76	74
93MOB1058	0.56	53	2290	6	2	12	28	0.16	96	122
93MOB1060	0.30	50	1420	1	1	9	46	0.09	63	70
93MOB1062	0.30	50	1370	1	1	5	31	0.11	45	44
93MOB1064	0.35	48	1520	1	2	10	30	0.11	83	88
93MOB1067	0.42	57	1840	1	2	11	23	0.07	88	90
93MOB1069	0.42	46	1750	1	4	9	29	0.09	68	86
93MOB1071	0.87	48	6690	1	1	9	23	0.07	68	78
93MOB1073	0.96	56	7130	1	2	10	18	0.06	79	90
93MOB1076	0.96	59	7380	1	2	10	23	0.10	85	98
93MOB1077	0.86	40	6470	1	2	8	26	0.07	60	74
93MOB1079	0.80	56	5240	1	1	12	46	0.13	91	98
93MOB1081	0.80	61	5360	2	2	12	36	0.15	94	122
93MOB1083	0.85	60	5980	2	1	10	35	0.15	84	104
93MOB1085	0.36	60	1450	2	1	15	27	0.28	122	134
93MOB1087	0.58	82	2670	1	1	16	31	0.26	135	150
93MOB1089	0.48	76	2290	2	1	14	45	0.15	108	110
93MOB1091	0.43	48	2230	2	1	12	55	0.13	96	90
93MOB1093	0.59	68	2000	2	1	17	29	0.22	110	132
93MOB1095	0.45	51	2400	1	1	10	28	0.08	72	62
93MOB1097	0.46	48	1850	1	1	11	29	0.14	78	90
93MOB1099	0.57	92	2640	1	1	13	25	0.11	91	84
93MOB1101	0.63	63	3010	1	1	21	18	0.04	122	106
93MOB1103	0.61	40	2330	2	1	9	57	0.11	63	64
93MOB1105	0.47	54	1890	4	2	11	53	0.10	71	78
93MOB1107	0.82	63	3070	6	1	13	31	0.18	84	148
93MOB1110	0.55	51	2160	1	1	11	28	0.10	68	68
93MOB1112	0.32	13	1800	1	1	4	32	0.04	24	28

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93MOB1114	14	361063	6037516	CHEMEX	0.1	1.81	18	100	1	14.02	0.25	1	51	52	2.24	50	0.35	5	7.09	375	0.5
93MOB1116	14	349377	6054138	CHEMEX	0.2	6.61	4	220	1	0.24	0.25	21	162	217	5.61	80	0.35	30	1.42	295	1
93MOB1118	14	343863	6057884	CHEMEX	0.4	7.96	48	120	1	0.50	0.25	22	92	208	4.80	130	0.32	40	1.24	380	0.5
93MOB1120	14	346376	6057140	CHEMEX	0.1	5.67	14	280	1	0.48	0.25	23	214	197	5.67	70	0.91	60	2.08	520	0.5
93MOB1122	14	345701	6053882	CHEMEX	0.2	4.65	14	210	1	0.77	0.25	28	137	409	6.11	100	0.95	30	2.96	525	0.5
93MOB1124	14	382815	6050328	CHEMEX	0.1	7.91	1	250	1	0.27	0.5	22	90	38	6.45	120	0.18	20	1.45	465	2
93MOB1126	14	377783	6050380	CHEMEX	0.1	5.09	2	170	1	0.59	0.25	20	100	78	8.35	130	0.54	70	3.08	535	3
93MOB1128	14	374915	6050719	CHEMEX	0.4	3.34	8	160	1	7.05	0.25	16	114	184	4.18	90	0.57	5	5.92	475	1
93MOB1130	14	354682	6051974	CHEMEX	0.1	2.15	2	110	1	6.16	0.25	17	70	187	3.18	130	0.39	5	1.84	245	0.5
93MOB1132	14	348516	6052021	CHEMEX	0.1	5.15	12	170	1	0.30	0.25	22	112	146	5.82	70	0.42	10	1.73	310	1
93MOB1134	14	360061	6056393	CHEMEX	0.1	4.84	18	120	1	0.39	0.25	23	219	226	5.88	80	0.67	20	2.63	430	2
93MOB1136	14	361988	6059887	CHEMEX	0.2	5.49	22	100	1	0.53	0.25	26	213	141	6.44	100	0.43	20	2.45	445	0.5
93MOB1138	14	357642	6058185	CHEMEX	0.1	6.51	16	130	1	0.27	0.25	20	129	106	4.94	170	0.36	20	1.49	315	2
93MOB1140	14	356776	6056154	CHEMEX	0.1	5.66	74	150	1	0.35	0.25	35	140	364	10.57	110	0.61	20	2.49	555	4
93MOB1142	14	366436	6062653	CHEMEX	0.1	5.48	40	110	1	0.29	0.25	30	111	117	8.99	90	0.23	10	2.01	280	7
93MOB1146	14	371776	6066649	CHEMEX	0.1	7.26	46	190	1	0.24	0.25	26	165	81	7.26	100	0.34	10	1.87	375	4
93MOB1148	14	432400	6025063	CHEMEX	0.1	3.05	1	160	2	0.67	0.25	9	57	16	2.58	80	0.35	10	1.10	180	0.5
93MOB1154	14	426036	6049054	CHEMEX	0.1	3.33	28	200	1	7.05	0.25	13	86	69	4.03	80	0.39	5	3.44	335	1
93MOB1156	14	414283	6043903	CHEMEX	0.1	4.38	36	300	1	1.10	0.25	23	99	107	5.06	100	0.91	30	2.07	510	1
93MOB1158	14	408060	6033130	CHEMEX	0.1	3.79	8	250	1	7.22	0.25	10	97	64	3.78	100	0.66	5	4.71	330	0.5
93MOB1160	14	415637	6025143	CHEMEX	0.1	2.38	16	170	1	14.11	0.25	3	70	64	2.57	60	0.61	5	6.27	315	0.5
93MOB1162	14	405331	6025544	CHEMEX	0.1	3.19	14	260	1	10.90	0.25	7	68	84	3.30	100	0.45	5	5.34	300	1
93MOB1164	14	393413	6019512	CHEMEX	0.1	1.95	12	130	1	15.00	0.25	3	45	43	1.99	60	0.36	5	4.84	225	0.5
93MOB1166	14	395679	6031035	CHEMEX	0.1	3.29	12	280	1	9.80	0.25	10	101	70	3.76	60	0.69	5	4.36	340	1
93MOB1169	14	381828	6037599	CHEMEX	0.1	3.41	20	170	1	9.32	0.25	16	71	114	4.11	70	0.46	5	4.76	415	1
93MOB1171	14	373273	6048503	CHEMEX	0.2	2.64	6	130	1	10.99	0.25	10	74	126	3.54	80	0.37	5	7.13	490	1
93MOB1173	14	369301	6051172	CHEMEX	0.3	4.50	20	280	1	0.63	0.5	36	137	173	7.48	160	1.33	60	3.15	640	2
93MOB1175	14	369246	6047354	CHEMEX	0.1	4.42	20	220	1	2.31	0.25	25	118	131	5.75	140	0.69	20	3.73	580	1
93MOB1177	14	362584	6043229	CHEMEX	0.1	2.33	8	130	1	12.49	0.25	3	63	64	2.64	60	0.44	5	6.33	355	0.5
93MOB1179	14	356007	6038092	CHEMEX	0.1	2.23	10	170	1	11.81	0.25	1	76	56	2.80	50	0.54	5	6.94	340	1
93MOB1181	14	353568	6035875	CHEMEX	0.1	2.28	16	190	1	8.28	0.25	7	89	56	3.13	50	0.69	5	4.95	355	1
93MOB1183	14	351173	6038114	CHEMEX	0.1	2.54	8	190	1	10.39	0.25	9	106	71	3.21	70	0.59	5	4.53	355	0.5
93MOB1185	14	349909	6036407	CHEMEX	0.1	4.41	8	290	1	0.53	0.25	19	173	93	5.52	100	0.73	50	2.09	425	2
93NA001	14	341665	6078471	CHEMEX	0.1	4.36	8	370	1	1.62	0.25	18	118	171	5.03	50	1.54	20	1.97	460	0.5
93NA002	14	341386	6077382	CHEMEX	0.1	4.01	6	320	1	0.66	0.25	16	106	50	4.44	40	0.72	20	1.55	360	0.5
93NA003	14	341382	6077029	CHEMEX	0.1	5.24	32	360	1	0.37	0.25	24	116	159	5.27	80	0.93	20	1.61	535	1
93NA004	14	341418	6073979	CHEMEX	0.1	7.49	14	290	1	0.21	0.25	21	121	117	5.68	60	0.32	10	1.43	295	1
93NA005	14	341098	6073611	CHEMEX	0.1	7.90	18	270	1	0.22	0.25	22	133	281	5.28	40	0.13	20	1.63	270	1
93NA006	14	341137	6079664	CHEMEX	0.1	5.37	6	160	1	0.20	0.25	19	134	42	5.79	10	0.58	10	1.70	320	1
93NA007	14	340832	6080051	BC-3	0.7	4.88	55	170		0.32	0.10	25	123	90	5.30		0.46		1.98	418	5
93NA008	14	340677	6080401	CHEMEX	0.1	5.68	32	280	1	0.39	0.25	24	115	104	5.47	40	0.69	10	1.53	440	14
93NA009	14	340652	6080792	CHEMEX	0.1	4.73	22	360	1	0.47	0.25	22	126	95	5.29	40	1.09	30	1.82	510	0.5
93NA010	14	340468	6081290	CHEMEX	0.1	5.65	20	130	1	0.31	0.25	17	132	96	5.28	370	0.23	30	1.71	310	5
93NA011	14	340843	6081380	CHEMEX	0.2	5.71	62	220	1	0.35	0.25	21	107	132	4.70	110	0.59	10	1.21	375	0.5
93NA012	14	343204	6083512	CHEMEX	0.1	7.02	16	190	1	0.27	0.25	17	123	92	4.88	100	0.24	10	1.29	290	0.5
93NA013	14	341669	6083226	CHEMEX	0.1	5.35	12	370	1	0.56	0.50	22	123	98	5.25	90	0.86	20	1.65	525	0.5
93NA014	14	341705	6084105	CHEMEX	0.1	7.53	16	360	1	0.69	0.25	26	111	324	6.09	80	0.70	10	1.79	475	0.5
93NA015	14	341761	6085187	CHEMEX	0.1	5.59	38	390	1	0.57	0.25	27	135	190	5.96	20	0.91	20	1.88	470	0.5
93NA016	14	341779	6084668	CHEMEX	0.1	6.74	44	330	1	0.36	0.25	27	94	165	6.51	40	0.53	30	1.55	490	0.5
93NA017	14	339674	6084782	CHEMEX	0.1	5.99	18	450	1	0.39	0.25	21	116	111	5.71	40	0.79	20	1.62	385	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93MOB1114	0.32	21	1580	1	2	7	26	0.07	45	50
93MOB1116	0.78	86	3830	6	1	15	18	0.18	104	92
93MOB1118	1.68	56	10000	4	1	12	26	0.14	106	76
93MOB1120	1.03	92	4540	6	1	21	30	0.18	102	124
93MOB1122	1.06	74	5290	2	1	23	28	0.17	137	106
93MOB1124	1.11	47	7390	8	1	13	11	0.11	103	230
93MOB1126	0.73	57	5000	1	1	22	18	0.03	111	68
93MOB1128	0.74	60	3940	1	1	14	27	0.06	84	70
93MOB1130	0.51	35	2880	1	1	8	40	0.01	46	54
93MOB1132	1.15	63	6180	4	1	14	19	0.09	103	100
93MOB1134	0.72	88	3640	6	2	16	23	0.25	141	112
93MOB1136	0.95	80	8250	4	1	17	19	0.15	159	86
93MOB1138	0.94	76	9630	4	6	11	20	0.16	94	96
93MOB1140	0.69	133	4960	4	1	38	25	0.10	173	114
93MOB1142	1.15	66	8550	2	1	16	18	0.13	163	82
93MOB1146	1.72	89	10000	6	2	13	17	0.08	144	134
93MOB1148	0.66	34	10000	1	1	6	13	0.10	38	58
93MOB1154	0.52	44	2650	2	4	12	22	0.15	73	86
93MOB1156	0.82	58	4680	8	2	15	15	0.18	100	116
93MOB1158	0.59	50	2580	1	1	11	22	0.16	75	90
93MOB1160	0.41	37	2280	1	1	8	28	0.12	55	62
93MOB1162	0.50	35	3320	1	2	10	22	0.10	62	72
93MOB1164	0.43	21	2190	1	1	6	27	0.08	39	50
93MOB1166	0.44	46	2980	1	1	11	32	0.16	76	90
93MOB1169	0.53	37	2490	1	1	13	19	0.08	75	78
93MOB1171	0.61	54	3590	1	2	9	28	0.06	66	60
93MOB1173	0.66	91	3360	2	1	16	19	0.16	123	132
93MOB1175	0.98	97	5870	2	2	18	23	0.10	108	94
93MOB1177	0.43	30	1920	1	1	9	23	0.08	53	56
93MOB1179	0.33	34	1760	1	1	9	24	0.10	57	64
93MOB1181	0.39	38	1620	1	2	10	38	0.13	67	82
93MOB1183	0.42	46	1740	1	1	9	31	0.13	63	76
93MOB1185	0.96	88	5660	6	1	16	27	0.13	95	108
93NA001	0.67	58	1960	6	1	14	33	0.24	118	166
93NA002	0.64	48	1920	10	1	11	33	0.20	97	118
93NA003	1.05	58	1850	24	1	12	28	0.23	123	250
93NA004	0.91	54	2710	12	1	11	20	0.20	133	112
93NA005	1.17	55	2950	4	1	10	20	0.24	139	82
93NA006	0.97	52	1690	4	1	10	16	0.30	153	102
93NA007	4.33	61		22	10	10	17		116	111
93NA008	1.24	54	2600	10	1	11	22	0.21	121	104
93NA009	0.91	57	1570	14	2	14	33	0.25	123	156
93NA010	0.04	44	160	4	1	14	15	0.30	139	104
93NA011	1.58	53	4860	10	1	10	18	0.23	114	82
93NA012	1.45	41	4300	4	1	10	21	0.19	112	90
93NA013	1.06	56	2200	14	1	13	28	0.21	112	176
93NA014	0.95	47	2590	6	1	16	22	0.25	174	100
93NA015	0.92	62	1320	6	1	15	22	0.31	161	108
93NA016	1.23	43	2830	18	1	14	20	0.33	147	104
93NA017	1.10	51	1860	6	1	12	35	0.23	127	112

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93NA018	14	341996	6086206	CHEMEX	0.1	7.81	8	240	1	0.10	0.25	15	91	63	4.04	50	0.22	10	1.09	190	1
93NA019	14	342847	6086582	CHEMEX	0.1	8.32	34	410	1	0.17	0.25	32	132	162	5.67	50	0.32	20	1.34	235	0.5
93NA020	14	343360	6087876	CHEMEX	0.1	7.80	40	230	1	0.28	0.25	26	115	140	6.30	70	0.31	5	1.22	260	1
93NA021	14	343242	6089281	CHEMEX	0.1	6.31	78	370	1	0.48	0.25	33	118	181	5.47	40	0.70	10	1.57	465	0.5
93NA022	14	342874	6091210	CHEMEX	0.1	7.41	50	490	1	0.22	0.25	25	125	175	5.33	100	0.64	10	1.26	335	0.5
93NA023	14	342859	6093626	CHEMEX	0.1	3.91	2	280	1	0.37	0.25	17	101	19	4.18	20	1.04	20	1.64	370	0.5
93NA024	14	342460	6095097	CHEMEX	0.1	5.53	32	400	1	0.18	0.25	21	128	144	4.69	20	1.16	10	1.49	315	0.5
93NA025	14	342808	6096432	CHEMEX	0.1	4.63	30	400	1	0.28	0.25	20	133	60	5.15	30	1.13	20	1.63	360	0.5
93NA026	14	341151	6082137	CHEMEX	0.1	7.30	32	260	1	0.15	0.25	20	125	129	5.84	60	0.18	10	1.22	265	1
93NA027	14	344261	6088109	CHEMEX	0.1	7.85	36	240	1	0.22	0.25	21	137	239	5.52	70	0.17	10	0.98	220	0.5
93NA028	14	345082	6088929	CHEMEX	0.1	4.83	24	550	1	0.65	0.25	23	136	164	5.70	70	1.41	30	2.07	600	0.5
93NA029	14	346235	6088923	CHEMEX	0.1	6.99	22	200	1	0.15	0.25	21	110	58	5.02	60	0.27	10	1.18	250	0.5
93NA030	14	346764	6088988	CHEMEX	0.1	4.97	36	470	1	0.37	0.25	19	123	139	5.28	40	1.03	30	1.59	445	0.5
93NA031	14	347775	6089075	CHEMEX	0.1	5.00	28	590	1	0.32	0.25	20	146	134	5.59	30	1.52	20	1.90	545	0.5
93NA032	14	348946	6088734	CHEMEX	0.1	7.34	1	330	1	0.29	0.25	28	114	91	4.23	60	0.51	20	1.51	295	2
93NA033	14	349829	6088886	CHEMEX	0.1	4.94	40	520	1	0.61	0.25	21	104	160	5.98	50	1.20	40	1.78	585	0.5
93NA034	14	350610	6089315	CHEMEX	0.1	5.25	4	380	1	0.19	0.25	20	126	59	5.41	60	0.74	20	1.57	290	0.5
93NA035	14	351740	6089256	CHEMEX	0.1	7.63	52	470	1	0.22	0.25	24	89	107	5.53	60	0.61	30	1.29	430	1
93NA036	14	353126	6089804	CHEMEX	0.1	5.35	32	390	1	0.45	0.25	24	109	196	4.65	30	1.23	30	1.67	605	0.5
93NA037	14	353957	6090170	BC-3	0.5	5.84	48	211		0.30	0.10	19	105	54	4.29		0.47	0	1.63	325	0.5
93NA038	14	355543	6090960	CHEMEX	0.1	4.73	4	290	1	0.26	0.25	18	144	43	4.88	20	0.96	20	1.90	315	0.5
93NA039	14	356164	6091829	CHEMEX	0.1	5.41	18	380	1	0.32	0.25	21	120	56	5.52	30	0.61	10	1.54	380	0.5
93NA040	14	356407	6092168	CHEMEX	0.1	7.54	30	220	1	0.12	0.25	17	125	58	5.92	60	0.18	20	1.32	240	8
93NA041	14	356928	6093362	CHEMEX	0.1	4.39	26	370	1	0.28	0.25	24	145	94	5.30	30	1.07	30	1.89	460	0.5
93NA042	14	357533	6094253	BC-3	0.8	5.34	49	348		0.74	0.30	27	150	81	5.23		0.64		2.31	386	0.5
93NA043	14	357956	6094848	BC-3	0.8	4.95	45	285		0.36	0.10	26	126	79	5.10		0.94		2.07	461	1
93NA044	14	358296	6094873	CHEMEX	0.1	5.06	1	330	1	0.24	0.25	19	154	44	5.13	20	1.01	10	2.07	350	0.5
93NA045	14	358485	6094993	BC-3	0.9	6.35	54	240		0.18	0.60	25	125	52	5.88		0.34		1.60	246	0.5
93NA046	14	360235	6096082	BC-3	0.8	5.26	41	360		0.33	0.30	32	156	66	5.84		1.21		2.53	496	0.5
93NA047	14	360898	6096206	BC-3	0.7	4.40	35	337		0.24	0.10	28	143	59	4.99		1.39		2.35	458	0.5
93NA048	14	362748	6096366	CHEMEX	0.1	4.94	54	370	1	0.27	0.25	23	134	95	5.53	30	1.04	20	1.79	450	0.5
93NA049	14	345782	6090527	CHEMEX	0.1	6.30	14	290	1	0.23	0.25	22	134	83	5.25	30	0.54	10	1.73	290	0.5
93NA050	14	340355	6096741	CHEMEX	0.1	5.27	24	420	1	0.22	0.25	19	129	89	5.44	30	0.79	20	1.40	345	0.5
93NA051	14	340998	6096650	BC-3	0.7	4.91	60	360		0.26	0.10	24	110	77	4.55		0.81		1.54	341	0.5
93NA052	14	340546	6092446	CHEMEX	0.1	6.47	72	530	1	0.21	0.25	25	139	136	6.14	20	1.16	10	1.61	525	0.5
93NA053	14	342227	6084919	CHEMEX	0.1	6.58	20	410	1	0.59	0.25	24	104	351	5.83	40	1.02	30	1.66	655	0.5
93NA054	14	341732	6081958	CHEMEX	0.6	7.50	58	330	1	0.34	0.25	30	111	174	7.00	100	0.43	10	1.19	320	3
93NA055	14	356144	6089847	CHEMEX	0.1	5.71	12	420	1	0.32	0.25	19	126	87	5.47	40	1.10	30	1.77	390	0.5
93NA056	14	343737	6096446	BC-3	0.7	5.38	55	403		0.27	0.10	27	124	99	4.92		1.08		1.94	418	0.5
93NA057	14	345931	6096483	BC-3	0.4	3.26	45	280		0.49	0.10	23	90	69	3.60		0.89		1.50	466	0.5
93NA058	14	346761	6096487	BC-3	0.5	5.65	66	371		0.35	0.20	22	102	140	4.65		0.76		1.52	533	0.5
93NA059	14	345000	6096488	BC-3	0.7	5.31	60	329		0.30	0.10	23	114	68	5.62		0.41		1.61	372	0.5
93NA060	14	360008	6094817	BC-3	0.8	7.24	53	360		0.18	0.10	30	147	108	6.00		0.50		1.84	324	0.5
93NA061	14	361870	6094869	BC-3	0.6	7.36	54	254		0.15	0.10	24	126	81	5.16		0.26		1.68	259	0.5
93NA062	14	361154	6094707	BC-3	0.8	6.03	49	334		0.23	0.10	28	148	105	5.70		0.83		2.38	377	0.5
93NA063	14	341760	6080587	BC-3	0.6	4.76	51	199		0.51	0.50	30	123	69	5.00		0.58		1.89	441	2
93NA064	14	342541	6080422	CHEMEX	0.1	6.58	36	270	1	0.39	0.25	33	191	120	5.29	20	0.71	10	2.03	365	1
93NA065	14	343059	6080475	CHEMEX	0.1	7.07	40	330	1	0.47	0.25	26	129	262	4.76	60	0.39	10	1.34	320	0.5
93NA066	14	343536	6080755	CHEMEX	0.1	6.34	54	220	1	0.52	0.25	31	148	121	5.67	70	0.53	10	1.36	420	1
93NA067	14	341688	6078088	CHEMEX	0.1	7.78	38	260	1	0.17	0.25	18	103	107	5.23	90	0.25	20	1.14	255	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA018	1.39	41	3960	16	1	9	11	0.20	97	118
93NA019	1.30	55	3550	6	1	13	11	0.29	135	88
93NA020	1.01	61	2960	10	1	10	22	0.25	157	98
93NA021	1.20	64	3340	8	1	14	19	0.28	139	110
93NA022	1.32	61	5170	16	1	12	23	0.16	123	218
93NA023	0.84	42	1200	10	1	10	41	0.26	92	122
93NA024	1.12	59	2860	4	1	13	12	0.31	118	100
93NA025	0.71	51	1430	10	1	13	53	0.31	131	102
93NA026	1.05	45	2270	8	1	11	15	0.25	147	96
93NA027	1.98	53	7000	6	1	11	9	0.21	114	102
93NA028	0.86	65	2140	8	1	16	36	0.28	141	146
93NA029	1.20	45	3660	6	1	9	12	0.21	105	90
93NA030	0.94	55	1480	6	1	14	31	0.26	122	104
93NA031	1.01	61	1770	6	1	15	18	0.34	138	144
93NA032	1.55	59	5290	12	1	11	15	0.24	96	380
93NA033	0.87	54	1490	6	1	16	35	0.30	129	124
93NA034	1.03	49	1550	8	1	11	26	0.26	114	118
93NA035	1.21	48	3920	12	1	11	16	0.30	110	100
93NA036	0.73	65	2300	8	2	13	20	0.26	108	138
93NA037	2.00	55		19	8	9	17		84	102
93NA038	0.91	53	1050	4	1	12	20	0.34	122	110
93NA039	0.94	50	1610	6	1	10	34	0.26	133	98
93NA040	1.63	42	4940	6	1	10	10	0.28	137	100
93NA041	0.96	57	1530	6	1	13	35	0.35	143	122
93NA042	1.05	78		11	3	12	26		118	128
93NA043	2.44	66		20	8	10	24		107	137
93NA044	0.58	57	1020	8	1	13	26	0.34	132	130
93NA045	1.23	60		20	6	8	13		126	92
93NA046	1.11	84		18	6	11	30		139	144
93NA047	0.83	74		16	5	11	25		122	144
93NA048	0.83	56	1650	6	1	12	19	0.30	146	124
93NA049	1.10	52	1630	6	1	11	19	0.29	127	126
93NA050	0.98	52	2020	8	1	12	37	0.29	128	138
93NA051	4.08	70		22	6	9	25		95	91
93NA052	0.96	65	2150	12	1	14	44	0.34	149	110
93NA053	0.97	50	2610	8	4	15	23	0.27	129	120
93NA054	1.53	68	6000	10	1	9	28	0.21	147	160
93NA055	0.82	54	1400	6	1	13	49	0.24	117	118
93NA056	1.22	67		20	5	11	26		107	101
93NA057	3.71	56		17	9	8	26		78	90
93NA058	2.20	53		21	8	10	40		83	89
93NA059	2.07	54		20	5	11	30		117	88
93NA060	1.33	74		22	8	11	13		120	97
93NA061	1.35	60		21	7	11	12		109	95
93NA062	1.13	75		20	8	12	20		134	132
93NA063	2.82	88		23	6	9	28		101	105
93NA064	1.16	124	2250	4	1	11	32	0.26	136	100
93NA065	1.54	80	4310	4	1	10	27	0.21	118	78
93NA066	1.78	77	6100	6	1	10	19	0.20	156	80
93NA067	1.32	45	4200	12	1	11	15	0.25	122	80

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93NA068	14	342696	6074879	BC-3	0.9	4.89	58	481		0.71	0.10	36	163	183	7.01		1.37		3.23	541	0.5
93NA069	14	356281	6094917	BC-3	0.6	5.43	55	332		0.28	0.10	31	139	43	5.62		1.14		2.41	484	0.5
93NA070	14	356068	6093834	BC-3	0.6	4.18	45	345		0.38	0.40	26	134	55	5.23		0.80		2.27	387	0.5
93NA071	14	344256	6080980	BC-3	0.8	6.20	61	269		0.22	0.10	31	110	83	5.80		0.63		1.63	350	2
93NA072	14	344537	6081279	CHEMEX	0.1	6.91	22	300	1	0.27	0.25	30	110	126	5.14	40	0.47	10	1.51	325	1
93NA073	14	344786	6081635	BC-3	0.7	4.85	58	185		0.39	0.10	23	101	58	5.22		0.44		1.41	399	2
93NA074	14	344152	6081882	CHEMEX	0.1	4.55	10	260	1	0.34	0.25	20	108	41	4.24	30	0.78	10	1.48	325	0.5
93NA075	14	344803	6082468	BC-3	0.7	4.83	50	238		0.25	0.10	28	98	42	5.52		0.45		1.25	324	2
93NA076	14	344786	6082509	CHEMEX	0.1	7.61	76	240	2	0.29	0.25	19	108	145	5.40	120	0.33	10	1.13	285	1
93NA077	14	345141	6082824	BC-3	0.6	5.04	48	235		0.31	0.10	24	128	56	4.97		0.72		2.02	375	0.5
93NA078	14	345326	6083354	BC-3	0.8	6.23	85	409		0.59	0.10	39	123	98	6.29		0.83		2.06	659	0.5
93NA079	14	345475	6083877	CHEMEX	0.1	6.06	34	310	1	0.39	0.25	28	115	139	4.92	30	0.77	10	1.51	400	0.5
93NA080	14	346226	6083892	CHEMEX	0.1	6.77	40	350	1	0.41	0.25	36	120	117	5.87	40	0.93	10	1.92	600	0.5
93NA081	14	347405	6083105	CHEMEX	0.1	6.31	1	230	1	0.21	0.25	18	110	35	5.04	40	0.31	10	1.38	260	0.5
93NA082	14	347289	6082043	CHEMEX	0.2	5.59	80	120	1	0.35	0.25	18	75	79	4.94	230	0.33	10	1.00	240	1
93NA083	14	347358	6081499	CHEMEX	0.1	5.47	82	380	1	0.51	0.25	26	79	81	4.85	100	0.77	20	1.25	490	0.5
93NA084	14	347925	6080866	CHEMEX	0.1	5.78	46	250	1	0.58	0.25	25	80	77	5.30	100	0.48	10	1.32	335	1
93NA085	14	349027	6080354	CHEMEX	0.1	4.85	14	410	1	0.52	0.25	18	94	50	5.11	80	0.76	10	1.38	385	0.5
93NA086	14	350557	6086703	CHEMEX	0.1	5.66	64	340	1	0.35	0.25	24	96	137	4.93	30	0.77	20	1.48	525	0.5
93NA087	14	352619	6086547	CHEMEX	0.1	5.00	50	390	1	0.63	0.25	23	103	171	4.38	20	0.92	20	1.56	640	0.5
93NA088	14	351813	6086818	CHEMEX	0.1	8.19	14	350	1	0.25	0.25	22	165	77	4.72	40	0.30	30	1.15	225	0.5
93NA089	14	349764	6085065	CHEMEX	0.1	7.28	74	290	1	0.23	0.25	20	96	162	4.80	120	0.64	30	1.22	350	0.5
93NA090	14	350233	6085763	CHEMEX	0.1	7.33	22	300	1	0.22	0.25	18	88	100	4.97	60	0.30	40	0.99	265	0.5
93NA091	14	350106	6087612	CHEMEX	0.1	5.88	24	320	1	0.35	0.25	18	78	91	4.36	70	0.66	40	1.50	415	0.5
93NA092	14	342903	6079610	CHEMEX	0.1	7.25	100	370	1	0.21	0.25	24	128	191	6.41	80	0.42	10	1.45	310	2
93NA093	14	344292	6079687	CHEMEX	0.1	8.56	62	200	2	0.25	0.25	14	67	114	4.81	70	0.25	10	0.70	235	0.5
93NA094	14	352770	6088540	CHEMEX	0.1	6.97	22	340	1	0.14	0.25	22	105	53	4.08	40	0.26	10	1.15	200	0.5
93NA095	14	353488	6088009	CHEMEX	0.1	4.44	36	350	1	0.42	0.25	20	77	167	4.10	70	0.76	20	1.25	440	0.5
93NA096	14	355269	6088177	CHEMEX	0.1	3.78	20	310	1	0.53	0.25	23	86	128	3.50	20	0.65	20	1.24	545	0.5
93NA097	14	356382	6088276	CHEMEX	0.1	6.95	4	220	1	0.25	0.25	20	125	80	5.11	30	0.17	20	1.41	245	7
93NA098	14	357069	6087950	CHEMEX	0.1	5.68	22	450	1	0.39	0.25	21	147	285	5.64	30	1.64	30	2.02	485	0.5
93NA099	14	357822	6088232	CHEMEX	0.1	5.53	38	310	1	0.60	0.25	19	86	259	4.60	20	0.85	30	1.59	540	0.5
93NA100	14	359059	6088401	CHEMEX	0.1	5.13	16	530	1	0.54	0.25	22	156	153	5.84	40	1.80	30	2.19	550	0.5
93NA100-010	14	359059	6088401	BC-3	0.4	1.77	19	128		0.15	0.1	6	39	11	1.97		0.15		0.35	120	1
93NA100-020	14	359059	6088401	BC-3	1.0	4.65	73	240		0.23	0.1	18	88	22	7.92		0.21		0.81	275	2
93NA100-030	14	359059	6088401	BC-3	0.8	5.69	71	218		0.26	0.3	22	88	57	4.50		0.18		0.64	174	1
93NA100-040	14	359059	6088401	BC-3	0.1	3.97	73	120		0.34	0.1	21	88	68	3.72		0.29		0.89	245	0.5
93NA100-050	14	359059	6088401	BC-3	0.4	3.01	47	132		0.41	0.1	20	81	66	2.98		0.49		0.95	308	0.5
93NA100-060	14	359059	6088401	BC-3	0.3	3.02	46	144		0.41	0.1	20	80	74	2.98		0.53		1.00	334	0.5
93NA100-070	14	359059	6088401	BC-3	0.5	3.36	70	169		0.47	0.1	20	98	104	4.25		0.58		1.22	386	0.5
93NA100-080	14	359059	6088401	BC-3	0.6	3.36	56	194		0.58	0.1	28	100	108	3.72		0.73		1.39	623	0.5
93NA100-090	14	359059	6088401	BC-3	0.3	3.67	56	227		0.65	0.1	28	104	117	4.06		0.82		1.62	644	0.5
93NA100-100	14	359059	6088401	BC-3	0.4	3.46	62	226		0.63	0.10	26	101	111	3.81		0.81		1.49	587	0.5
93NA100-110	14	359059	6088401	BC-3	0.4	4.06	57	256		0.69	0.1	27	106	151	4.35		0.88		1.71	599	0.5
93NA100-120	14	359059	6088401	BC-3	0.3	4.30	68	270		0.68	0.1	26	107	144	4.45		0.90		1.74	570	0.5
93NA100-130	14	359059	6088401	BC-3	0.6	4.54	62	265		0.61	0.1	25	113	147	4.90		0.93		1.79	586	0.5
93NA100-140	14	359059	6088401	BC-3	0.6	4.79	53	289		0.59	0.2	27	119	152	5.07		1.01		1.90	659	0.5
93NA100-150	14	359059	6088401	BC-3	0.5	4.45	59	275		0.60	0.1	24	116	144	4.81		0.96		1.84	595	0.5
93NA100-160	14	359059	6088401	BC-3	0.5	3.87	54	240		0.50	0.1	23	100	130	4.24		0.82		1.54	509	0.5
93NA100-170	14	359059	6088401	BC-3	0.7	4.39	45	296		0.46	0.1	23	121	178	4.85		1.10		1.89	517	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA068	1.10	88		12	11	16	39		156	110
93NA069	0.91	77		19	3	11	25		128	144
93NA070	1.43	70		16	6	10	35		126	119
93NA071	2.15	102		22	8	8	19		129	161
93NA072	1.23	55	3060	6	1	9	19	0.19	123	110
93NA073	4.61	54		20	6	8	22		106	92
93NA074	0.74	49	1470	10	1	9	28	0.23	103	102
93NA075	3.99	54		20	5	6	15		107	96
93NA076	1.65	46	7980	8	1	11	22	0.22	113	78
93NA077	1.51	68		18	9	10	23		101	108
93NA078	3.62	88		29	6	11	27		110	121
93NA079	1.14	62	3230	6	1	10	36	0.24	117	100
93NA080	0.95	78	4200	8	1	11	49	0.24	154	112
93NA081	1.09	41	2010	6	1	9	26	0.21	109	132
93NA082	1.52	49	6010	6	1	7	24	0.17	114	76
93NA083	0.86	60	4510	10	1	10	27	0.20	105	130
93NA084	1.14	57	3910	6	1	10	27	0.19	122	80
93NA085	1.78	43	10000	8	1	11	31	0.04	90	118
93NA086	0.86	53	2820	12	1	11	22	0.24	102	114
93NA087	0.93	66	2610	12	1	12	30	0.23	91	122
93NA088	1.20	72	3160	8	1	13	21	0.18	87	104
93NA089	1.56	55	6280	12	1	10	13	0.24	97	110
93NA090	1.14	41	3130	10	1	10	22	0.24	86	98
93NA091	0.96	39	2820	12	1	9	28	0.25	92	108
93NA092	1.46	68	5330	8	1	11	19	0.27	156	96
93NA093	2.27	30	9140	4	1	11	17	0.13	80	46
93NA094	1.18	49	2260	8	2	7	11	0.22	78	80
93NA095	0.83	47	2810	8	2	9	18	0.21	86	176
93NA096	0.78	52	2240	6	1	10	18	0.19	79	96
93NA097	0.98	56	2290	6	1	11	18	0.24	111	100
93NA098	0.87	87	1500	4	1	17	24	0.30	137	216
93NA099	1.17	65	2610	6	1	12	41	0.19	93	140
93NA100	0.74	71	1490	4	1	17	32	0.33	148	178
93NA100-010	3.61	18			7	2.5	16		63	43
93NA100-020	2.49	35			11	2.5	21		184	74
93NA100-030	6.41	61			10	6	19		65	53
93NA100-040	7.40	63			9	6	17		61	61
93NA100-050	6.82	63			9	6	19		55	70
93NA100-060	4.90	63			8	6	19		57	73
93NA100-070	6.27	76			10	8	23		79	87
93NA100-080	5.05	74			9	9	28		72	109
93NA100-090	2.57	77			8	10	29		81	125
93NA100-100	4.66	73			10	9	31		76	107
93NA100-110	1.39	83			9	11	35		86	121
93NA100-120	2.09	77			9	11	37		86	127
93NA100-130	2.14	84			9	11	31		90	136
93NA100-140	1.40	83			10	12	29		96	149
93NA100-150	1.89	84			9	11	29		93	141
93NA100-160	3.52	73			10	10	25		80	126
93NA100-170	2.36	86			9	12	24		99	159

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93NA100-180	14	359059	6088401	BC-3	0.5	4.46	67	268		0.50	0.1	23	110	170	4.57		0.94		1.68	530	1
93NA100-190	14	359059	6088401	BC-3	0.4	3.20	59	182		0.43	0.1	18	80	122	3.54		0.63		1.12	424	0.5
93NA100-200	14	359059	6088401	BC-3	0.6	4.30	52	289		0.47	0.1	24	128	161	4.83		1.17		2.03	520	0.5
93NA100-210	14	359059	6088401	BC-3	0.7	5.18	64	367		0.42	0.1	27	146	223	5.66		1.46		2.37	553	0.5
93NA101	14	360218	6089166	CHEMEX	0.1	5.88	20	550	1	0.53	0.25	32	109	284	4.50	40	1.06	20	1.57	540	0.5
93NA102	14	360496	6089362	CHEMEX	0.1	6.72	16	390	1	0.53	0.25	15	112	278	5.13	60	0.98	20	1.62	445	0.5
93NA103	14	360683	6089363	CHEMEX	0.1	5.64	12	460	1	0.49	0.25	22	152	228	6.55	20	0.99	20	2.09	530	0.5
93NA103-010	14	360683	6089363	BC-3	0.7	1.92	18	87		0.19	0.1	7	49	12	1.63		0.13		0.40	123	0.5
93NA103-020	14	360683	6089363	BC-3	0.7	3.89	39	156		0.18	0.1	20	96	29	5.63		0.15		0.77	189	4
93NA103-030	14	360683	6089363	BC-3	0.6	4.82	47	187		0.22	0.1	31	98	37	4.50		0.15		0.73	311	3
93NA103-040	14	360683	6089363	BC-3	0.7	5.44	65	233		0.30	0.1	31	132	83	5.76		0.25		1.37	277	4
93NA103-050	14	360683	6089363	BC-3	0.4	4.17	57	205		0.34	0.1	35	121	105	4.41		0.48		1.43	348	2
93NA103-060	14	360683	6089363	BC-3	0.4	4.39	54	259		0.47	0.1	41	133	138	4.37		0.72		1.75	542	0.5
93NA103-070	14	360683	6089363	BC-3	0.4	4.12	51	247		0.47	0.1	34	132	132	4.05		0.69		1.66	507	0.5
93NA103-080	14	360683	6089363	BC-3	0.6	4.76	72	250		0.43	0.1	34	141	175	4.57		0.62		1.81	485	0.5
93NA103-090	14	360683	6089363	BC-3	0.5	3.81	46	200		0.44	0.3	31	129	121	4.04		0.63		1.60	504	0.5
93NA103-100	14	360683	6089363	BC-3	0.4	4.26	44	232		0.51	0.1	34	137	157	4.32		0.70		1.78	571	1
93NA103-110	14	360683	6089363	BC-3	0.3	3.84	35	161		0.47	0.1	23	136	97	4.04		0.58		1.69	364	0.5
93NA103-120	14	360683	6089363	BC-3	0.4	2.20	33	122		0.41	0.1	17	91	64	3.03		0.41		1.07	329	0.5
93NA103-130	14	360683	6089363	BC-3	0.3	2.52	30	170		0.53	0.2	22	108	73	3.50		0.56		1.38	455	0.5
93NA103-140	14	360683	6089363	BC-3	0.3	2.14	29	142		0.52	0.1	18	99	58	3.11		0.49		1.24	410	0.5
93NA103-150	14	360683	6089363	BC-3	0.5	2.51	31	169		0.56	0.1	21	112	71	3.55		0.61		1.54	440	0.5
93NA103-160	14	360683	6089363	BC-3	0.5	3.08	33	189		0.53	0.1	22	128	105	4.00		0.68		1.73	457	0.5
93NA103-170	14	360683	6089363	BC-3	0.5	3.45	31	219		0.56	0.1	22	128	153	4.10		0.77		1.83	479	0.5
93NA103-180	14	360683	6089363	BC-3	0.4	3.37	31	202		0.50	0.1	19	114	159	3.90		0.68		1.60	469	1
93NA103-190	14	360683	6089363	BC-3	0.4	3.66	36	224		0.48	0.1	20	112	171	3.98		0.74		1.57	473	0.5
93NA103-200	14	360683	6089363	BC-3	0.7	4.81	58	314		0.52	0.1	32	134	224	4.91		0.96		1.98	673	0.5
93NA104	14	344699	6079453	CHEMEX	0.1	5.39	4	510	1	0.52	0.25	20	97	57	6.01	30	0.67	10	1.74	340	0.5
93NA105	14	346396	6080221	CHEMEX	0.1	6.84	56	320	2	0.40	0.25	31	102	89	6.10	70	0.72	10	1.37	480	1
93NA106	14	348007	6079279	CHEMEX	0.1	6.49	54	360	1	0.42	0.25	29	77	102	4.80	70	0.43	10	1.30	330	1
93NA107	14	350033	6079349	CHEMEX	0.1	4.39	20	300	1	0.62	0.25	26	85	69	4.97	20	1.03	10	1.53	560	0.5
93NA108	14	350461	6081396	CHEMEX	0.1	5.94	52	360	1	0.44	0.25	29	83	107	5.56	30	0.81	10	1.60	490	1
93NA109	14	351588	6082237	CHEMEX	0.1	6.11	80	190	1	0.38	0.25	21	79	150	5.64	100	0.41	10	1.12	350	1
93NA110	14	353161	6085121	CHEMEX	0.1	4.20	18	310	1	0.54	0.25	24	112	154	6.04	20	1.09	30	1.62	520	2
93NA111	14	352262	6084433	CHEMEX	0.1	7.29	30	370	1	0.29	0.25	26	109	90	5.59	40	0.70	10	1.59	430	0.5
93NA112	14	352121	6083448	CHEMEX	0.1	6.32	44	210	1	0.51	0.25	30	88	155	6.61	50	0.81	10	1.51	440	2
93NA113	14	351788	6082890	CHEMEX	0.1	6.58	46	170	1	0.43	0.25	25	82	230	6.67	70	0.48	20	1.40	395	3
93NA114	14	351004	6083415	CHEMEX	0.1	4.31	22	220	1	0.34	0.25	24	149	43	4.11	20	0.75	5	1.77	360	0.5
93NA115	14	350648	6082815	CHEMEX	0.1	6.35	44	370	1	0.40	0.25	23	107	102	5.19	20	0.82	10	1.55	375	0.5
93NA116	14	349295	6081939	CHEMEX	0.1	5.04	70	380	1	0.64	0.25	30	81	83	4.66	90	0.61	20	1.39	400	0.5
93NA117	14	358221	6093467	CHEMEX	0.1	5.35	28	300	1	0.38	0.25	23	149	88	5.22	20	0.68	10	1.75	360	0.5
93NA118	14	359554	6092862	CHEMEX	0.1	5.40	22	290	1	0.27	0.25	22	227	115	5.26	60	0.63	30	2.13	310	0.5
93NA119	14	360074	6092138	CHEMEX	0.1	6.45	40	350	1	0.27	0.25	26	118	96	5.24	30	1.02	10	1.51	380	0.5
93NA120	14	359240	6092089	BC-3	0.6	4.56	41	276		0.29	0.10	27	125	40	5.01		1.16		2.04	492	0.5
93NA121	14	358372	6092631	BC-3	0.6	4.91	66	240		0.61	0.10	29	151	109	4.59		0.72		1.88	487	0.5
93NA122	14	359682	6093659	CHEMEX	0.1	5.19	30	520	1	0.41	0.25	26	189	102	4.93	10	1.45	10	2.05	560	0.5
93NA123	14	341012	6095405	CHEMEX	0.2	5.91	40	330	1	0.20	0.25	19	121	106	4.79	60	0.85	10	1.53	285	0.5
93NA124	14	340311	6095932	BC-3	0.4	5.75	53	256		0.19	0.10	19	117	109	4.40		0.66		1.42	256	0.5
93NA125	14	340167	6094007	BC-3	0.5	4.64	82	249		0.28	0.10	27	111	78	4.52		0.84		1.50	316	0.5
93NA126	14	341277	6093874	CHEMEX	0.1	5.99	18	310	1	0.32	0.25	24	151	203	5.66	10	1.25	10	2.05	340	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA100-180	2.90	84			8	11	26		86	151
93NA100-190	1.52	66			9	8	20		63	110
93NA100-200	1.37	86			9	13	24		105	162
93NA100-210	1.42	100			8	16	25		124	190
93NA101	0.83	67	2450	6	1	13	22	0.24	107	152
93NA102	0.79	73	1520	6	1	18	50	0.21	98	172
93NA103	0.84	62	1410	8	1	17	51	0.29	140	160
93NA103-010	1.98	22			2.5	2.5	16		52	59
93NA103-020	2.18	53			6	2.5	13		123	93
93NA103-030	3.24	60			8	2.5	20		73	173
93NA103-040	2.68	105			8	7	21		108	97
93NA103-050	5.92	117			9	8	17		84	84
93NA103-060	3.66	226			9	9	21		86	97
93NA103-070	3.33	135			6	9	19		81	91
93NA103-080	3.53	160			8	10	20		91	94
93NA103-090	4.54	103			6	9	20		84	94
93NA103-100	3.07	108			8	10	27		84	91
93NA103-110	1.91	77			10	9	25		76	82
93NA103-120	2.38	51			6	6	17		58	55
93NA103-130	3.98	63			6	8	20		71	75
93NA103-140	3.39	59			6	7	18		65	68
93NA103-150	1.87	70			7	8	19		76	86
93NA103-160	1.80	79			9	9	21		82	95
93NA103-170	3.25	95			10	10	24		83	110
93NA103-180	2.29	91			7	10	22		75	107
93NA103-190	2.95	98			7	10	23		76	120
93NA103-200	3.11	120			12	12	30		93	152
93NA104	0.98	38	1670	4	1	11	45	0.23	115	130
93NA105	1.42	69	5940	12	1	10	28	0.18	151	108
93NA106	1.21	79	4350	8	1	8	23	0.20	108	76
93NA107	0.81	44	1490	4	1	11	37	0.23	109	96
93NA108	1.09	65	3230	8	1	9	26	0.23	125	106
93NA109	1.43	65	5100	14	1	10	24	0.22	109	106
93NA110	0.94	72	1640	10	1	14	37	0.24	111	238
93NA111	1.20	58	3480	12	1	11	15	0.26	123	120
93NA112	0.94	71	2230	8	1	11	46	0.23	122	146
93NA113	1.08	67	3250	10	1	10	33	0.22	120	142
93NA114	0.87	77	1840	2	1	8	21	0.20	87	82
93NA115	1.26	59	3390	10	1	11	26	0.24	114	100
93NA116	1.01	116	2900	6	1	10	34	0.20	110	84
93NA117	0.81	60	1330	10	1	11	30	0.28	136	124
93NA118	0.90	72	1310	4	2	13	26	0.32	140	108
93NA119	1.10	60	2640	10	1	11	28	0.23	108	100
93NA120	1.03	65		19	10	11	18		113	132
93NA121	1.59	89		20	9	10	25		101	99
93NA122	0.85	84	1960	6	1	12	20	0.28	133	124
93NA123	1.07	63	2390	8	1	10	23	0.27	119	100
93NA124	1.94	59		20	10	9	19		82	83
93NA125	2.58	73		24	10	10	22		103	93
93NA126	0.80	58	1660	8	1	14	15	0.35	166	122

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
93NA127	14	353161	6095019	BC-3	0.7	5.67	56	233		0.29	0.10	25	111	53	5.22		0.61		1.96	458	0.5
93NA128	14	352067	6094670	BC-3	0.6	5.89	78	244		0.26	0.10	27	99	98	4.44		0.39		1.51	392	6
93NA129	14	351901	6096214	BC-3	0.6	5.12	95	249		0.34	0.10	26	108	62	5.34		0.70		1.62	428	0.5
93NA130	14	350744	6096160	CHEMEX	0.1	6.12	16	240	1	0.25	0.25	21	108	96	4.12	70	0.96	10	1.95	370	1
93NA131	14	348015	6094081	BC-3	0.6	4.71	63	297		0.34	0.10	28	115	70	4.80		1.14		1.83	464	0.5
93NA132	14	346946	6093923	CHEMEX	0.1	6.85	96	400	1	0.26	0.25	28	118	132	5.15	40	1.28	10	1.61	520	0.5
93NA133	14	345827	6094048	CHEMEX	0.1	6.10	72	390	1	0.33	0.25	25	113	114	4.99	40	1.17	10	1.63	440	0.5
93NA134	14	360293	6090251	BC-3	0.6	5.07	93	272		0.43	0.10	30	112	156	5.28		0.53		1.59	415	2
93NA135	14	361890	6090700	BC-3	0.4	3.69	44	169		0.35	0.10	19	81	111	3.16		0.49		1.10	352	0.5
93NA136	14	361738	6089938	CHEMEX	0.1	5.51	16	250	1	0.30	0.25	21	124	131	5.05	20	0.58	20	1.59	295	0.5
93NA137	14	361346	6089089	CHEMEX	0.1	6.61	34	210	1	0.30	0.25	24	127	140	5.60	10	0.52	20	1.49	325	1
93NA138	14	365458	6094906	CHEMEX	0.1	5.65	24	290	1	0.49	0.25	25	108	78	5.46	30	0.83	10	1.73	410	0.5
93NA139	14	364848	6094453	CHEMEX	0.1	5.86	34	310	1	0.32	0.25	27	104	67	6.04	40	0.77	10	1.48	370	1
93NA140	14	363575	6093734	CHEMEX	0.1	7.02	16	390	1	0.28	0.25	30	138	134	5.76	30	1.16	10	1.80	385	0.5
93NA141	14	362566	6094033	CHEMEX	0.1	5.79	56	450	1	0.39	0.25	22	111	75	5.66	30	1.04	10	1.56	305	1
93NA142	14	361604	6093777	CHEMEX	0.1	6.23	40	430	1	0.44	0.25	33	341	142	5.39	30	0.83	10	2.35	465	1
93NA143	14	363608	6092775	CHEMEX	0.1	5.93	16	360	1	0.59	0.25	29	183	191	5.21	20	0.86	10	2.04	440	13
93NA144	14	364174	6092246	CHEMEX	0.1	6.19	20	240	1	0.21	0.50	23	118	280	4.69	70	0.82	20	1.44	355	0.5
93NA145	14	364211	6093371	CHEMEX	0.1	5.81	12	330	1	0.30	0.25	22	135	84	5.44	20	1.24	10	1.80	385	0.5
93NA146	14	365254	6093850	CHEMEX	0.1	4.94	4	280	1	0.25	0.25	21	148	110	4.84	20	0.79	20	1.91	340	0.5
93NA147	14	365311	6093094	CHEMEX	0.1	6.32	18	170	1	0.23	0.25	19	117	160	4.98	70	0.28	10	1.36	265	5
93NA148	14	366291	6093441	CHEMEX	0.1	5.73	28	390	1	0.38	0.25	26	135	199	5.40	20	1.61	20	2.05	565	0.5
93NA149	14	345047	6075573	CHEMEX	0.1	6.98	46	540	1	0.41	0.25	32	98	105	7.19	90	0.55	10	1.36	285	2
93NA150A	14	346088	6075797	BC-3	0.6	6.16	59	373		0.62	0.10	39	158	151	5.74		0.65		2.41	493	6
93NA150B	14	346088	6075797	BC-3	0.3	4.69	48	280		0.37	0.10	24	92	63	4.19		0.66		1.42	340	0.5
93NA151	14	346931	6075902	CHEMEX	0.1	6.91	42	510	1	0.41	0.25	29	93	109	5.55	80	0.64	10	1.52	340	0.5
93NA152	14	346364	6076443	CHEMEX	0.1	7.42	44	600	1	0.50	0.25	29	70	135	5.60	90	0.42	10	1.36	330	1
93NA153	14	344977	6076455	CHEMEX	0.1	6.23	12	350	1	0.33	0.25	22	105	108	4.77	50	0.74	10	1.59	325	0.5
93NA154	14	344244	6076279	CHEMEX	0.1	7.17	40	370	1	0.28	0.25	22	116	107	5.97	110	0.33	10	1.51	265	2
93NA155	14	342953	6073802	CHEMEX	0.1	4.99	16	350	1	0.55	0.25	25	114	110	5.36	40	0.65	10	2.28	355	0.5
93NA156	14	343683	6074529	CHEMEX	0.1	6.50	20	370	1	0.44	0.25	30	128	158	6.44	70	0.66	5	2.14	355	0.5
93NA157	14	344377	6074888	CHEMEX	0.1	6.54	18	620	1	0.63	0.25	33	132	183	6.37	20	1.04	5	2.65	445	0.5
94FF001	14	317464	6074607	CHEMEX	0.1	5.43	8	400		0.50	0.5	22	117	209	4.41	40	1.18	30	1.88	475	0.5
94FF002	14	318220	6076547	CHEMEX	0.1	6.51	4	340		0.16	1.5	23	165	154	5.98	30	0.87	30	2.15	340	0.5
94FF003	14	318400	6077186	CHEMEX	0.1	4.52	4	440		1.92	1.0	25	158	155	5.45	40	1.81	30	2.56	530	0.5
94FF004	14	318226	6077621	CHEMEX	0.1	4.17	1	300		0.32	0.5	19	108	80	4.23	30	0.69	10	1.61	355	0.5
94FF005	14	318070	6078196	CHEMEX	0.1	5.40	10	430		0.39	1.0	22	112	196	4.51	10	1.09	30	1.81	530	0.5
94FF006	14	317766	6078860	CHEMEX	0.1	4.87	4	400		0.28	0.5	21	132	119	5.00	10	1.03	30	1.63	445	0.5
94FF007	14	316925	6079392	CHEMEX	0.1	6.66	18	420		0.22	1.0	23	114	174	5.21	80	0.78	30	1.53	485	0.5
94FF008	14	316328	6079439	CHEMEX	0.1	6.81	20	420		0.23	1.0	33	150	145	6.23	30	0.77	20	1.78	490	1
94FF009	14	316086	6079928	CHEMEX	0.1	4.95	1	450		1.11	1.0	21	159	119	5.65	10	1.91	30	2.36	455	0.5
94FF010	14	315701	6080387	CHEMEX	0.1	6.14	1	390		0.19	1.0	23	189	116	6.10	50	1.25	30	2.25	385	0.5
94FF011A	14	315281	6080972	CHEMEX	0.1	4.36	1	450		0.58	1.0	19	161	161	5.02	20	1.72	30	2.17	410	0.5
94FF011B	14	315281	6080972	CHEMEX	0.1	4.59	1	330		2.48	1.0	22	144	104	5.12	20	1.80	30	2.60	560	0.5
94FF012	14	315529	6081241	CHEMEX	0.1	4.79	1	460		1.37	1.0	24	198	110	5.64	40	2.26	20	2.72	515	0.5
94FF012-00.0	14	315529	6081241	CHEMEX	0.1	6.44	92	550		0.46	0.25	37	119	82	7.33	140	0.30	5	1.44	1445	0.5
94FF012-00.5	14	315529	6081241	CHEMEX	0.1	7.56	144	440		0.41	0.25	34	125	134	7.46	60	0.31	20	1.72	515	2
94FF012-01.0	14	315529	6081241	CHEMEX	0.1	7.51	168	360		0.43	0.25	35	114	225	7.27	50	0.47	20	1.63	640	0.5
94FF012-01.5	14	315529	6081241	CHEMEX	0.1	7.14	122	370		0.47	0.25	50	100	299	6.35	60	0.62	30	1.63	1240	2
94FF012-02.0	14	315529	6081241	CHEMEX	0.1	7.22	138	350		0.42	0.25	40	119	261	6.64	70	0.51	20	1.69	875	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
93NA127	1.64	63		20	8	9	20		105	132
93NA128	1.65	68		20	9	9	16		82	116
93NA129	2.83	65		20	10	8	20		110	111
93NA130	0.96	57	2270	2	1	11	20	0.18	95	108
93NA131	2.94	70		19	8	10	23		104	106
93NA132	0.98	63	2600	8	2	12	37	0.28	128	126
93NA133	1.02	62	3540	4	1	12	29	0.29	134	112
93NA134	3.35	82		21	8	9	23		98	107
93NA135	6.63	54		22	8	7	16		65	76
93NA136	0.04	51	300	4	1	11	26	0.26	126	94
93NA137	1.16	80	3710	8	1	11	25	0.28	132	98
93NA138	0.86	51	2680	6	1	11	39	0.25	145	104
93NA139	1.05	54	3120	6	1	9	30	0.24	145	108
93NA140	1.08	71	2250	10	1	11	29	0.29	151	132
93NA141	0.89	53	2390	4	1	10	36	0.23	136	100
93NA142	1.08	113	2010	8	1	11	31	0.23	134	180
93NA143	0.08	63	560	4	2	13	25	0.27	144	106
93NA144	1.36	59	4560	6	1	12	14	0.27	110	256
93NA145	0.86	61	1900	8	1	11	22	0.26	134	134
93NA146	0.79	53	1250	6	1	11	19	0.32	139	112
93NA147	1.26	50	3660	6	2	9	19	0.25	117	78
93NA148	0.71	72	1310	6	1	14	24	0.30	128	180
93NA149	1.24	71	5210	6	1	8	46	0.23	177	136
93NA150A	2.11	84		20	9	11	26		132	107
93NA150B	1.20	55		1	8	8	28		83	85
93NA151	1.40	87	5580	8	1	9	31	0.22	122	94
93NA152	1.45	75	5040	4	1	8	35	0.21	139	84
93NA153	0.96	53	2940	6	1	9	24	0.22	118	92
93NA154	1.61	51	4670	4	1	9	34	0.18	139	70
93NA155	0.87	49	1240	4	1	10	66	0.32	165	80
93NA156	1.20	67	2950	4	4	9	34	0.34	199	94
93NA157	0.88	65	1630	2	2	10	61	0.40	214	84
94FF001	0.82	62	2560	12	1	15	22	0.25	110	132
94FF002	1.04	63	1900	6	1	21	12	0.31	143	554
94FF003	0.60	66	1140	10	1	17	31	0.26	128	188
94FF004	0.59	49	760	14	1	10	21	0.21	90	88
94FF005	0.86	66	2200	16	2	15	27	0.23	103	122
94FF006	1.04	56	1630	6	2	14	19	0.24	107	104
94FF007	1.44	74	3970	12	2	14	15	0.20	102	398
94FF008	0.95	74	1790	12	1	14	27	0.22	121	120
94FF009	0.06	65	410	10	1	18	32	0.26	132	168
94FF010	0.03	65	250	12	1	19	19	0.31	145	182
94FF011A	0.08	66	520	8	1	17	28	0.31	134	142
94FF011B	0.07	59	430	12	1	17	44	0.23	126	154
94FF012	0.71	70	1160	8	1	19	28	0.34	153	168
94FF012-00.0	1.55	70	5790	14	1	10	28	0.22	136	444
94FF012-00.5	1.51	92	5880	12	1	13	27	0.27	150	206
94FF012-01.0	1.74	97	6850	8	8	15	28	0.23	157	102
94FF012-01.5	1.59	107	6520	16	4	16	26	0.21	134	126
94FF012-02.0	1.41	98	5660	20	4	15	24	0.19	142	196

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94FF012-03.0	14	315529	6081241	CHEMEX	0.1	6.61	24	510		0.28	0.25	33	218	180	6.93	10	1.79	20	2.76	675	0.5
94FF012-03.5	14	315529	6081241	CHEMEX	0.1	6.45	12	570		0.23	0.25	30	224	185	7.37	20	1.97	30	2.76	645	1
94FF012-05.0	14	315529	6081241	CHEMEX	2.8	2.22	70	270		1.14	1.0	18	115	240	3.73	190	0.25	10	0.70	905	8
94FF012-06.0	14	315529	6081241	CHEMEX	0.1	5.43	6	540		0.35	0.25	25	190	114	6.82	10	2.23	20	2.71	560	1
94FF012-06.5	14	315529	6081241	CHEMEX	0.1	5.73	10	590		0.98	0.25	30	217	154	7.01	10	2.41	30	2.90	610	1
94FF012-07.0	14	315529	6081241	CHEMEX	0.2	5.62	10	570		1.78	0.25	25	197	147	6.65	10	2.39	30	2.85	570	0.5
94FF012-07.5	14	315529	6081241	CHEMEX	0.1	5.42	6	540		1.46	0.25	25	180	135	6.42	40	2.29	30	2.73	550	0.5
94FF012-08.0	14	315529	6081241	CHEMEX	0.2	5.31	1	530		1.59	0.25	27	190	118	6.51	10	2.38	30	2.85	600	0.5
94FF012-08.5	14	315529	6081241	CHEMEX	0.2	5.19	2	520		1.46	0.25	27	188	133	6.41	10	2.29	30	2.77	600	1
94FF012-09.0	14	315529	6081241	CHEMEX	0.1	5.27	1	480		1.86	0.5	26	191	118	6.37	10	2.35	30	2.89	595	0.5
94FF012-09.5	14	315529	6081241	CHEMEX	0.2	5.52	8	510		1.69	0.25	25	196	125	6.57	10	2.42	30	2.92	585	0.5
94FF012-10.0	14	315529	6081241	CHEMEX	0.2	5.20	8	500		1.85	0.25	26	191	120	6.38	10	2.34	30	2.89	610	1
94FF013	14	315788	6081833	CHEMEX	0.1	5.10	128	520		0.93	1.0	26	147	281	5.06	720	1.02	40	2.18	725	0.5
94FF014	14	315774	6082487	CHEMEX	0.1	5.23	12	370		0.57	0.5	18	127	238	5.32	50	1.03	30	1.82	505	0.5
94FF015	14	316068	6083227	CHEMEX	0.1	4.54	18	330		0.79	1.0	25	123	177	5.09	10	0.83	50	1.78	675	0.5
94FF016	14	316545	6083547	CHEMEX	0.1	4.75	1	430		0.64	0.5	16	115	180	4.89	30	1.18	30	1.88	435	0.5
94FF017	14	317170	6083742	CHEMEX	0.1	5.79	2	440		0.33	1.0	24	121	204	5.44	100	0.88	30	1.61	460	0.5
94FF018	14	318858	6084271	CHEMEX	0.1	6.56	12	390		0.33	0.5	16	98	239	4.83	20	1.02	30	1.46	410	0.5
94FF019	14	319140	6085815	CHEMEX	0.1	4.69	2	370		0.39	0.5	24	133	148	5.36	20	1.36	20	2.02	535	0.5
94FF019-00.1	14	319140	6085815	CHEMEX	0.1	6.74	8	300		0.37	0.25	24	109	106	7.03	70	0.29	10	1.54	335	2
94FF019-00.3	14	319140	6085815	CHEMEX	0.4	7.07	22	260		0.27	0.25	26	96	145	5.68	10	0.36	5	1.29	315	0.5
94FF019-00.5	14	319140	6085815	CHEMEX	0.1	8.75	24	310		0.26	0.25	22	99	225	5.88	170	0.33	10	1.33	285	2
94FF019-00.6	14	319140	6085815	CHEMEX	0.1	7.85	22	270		0.25	0.25	22	109	215	5.65	60	0.29	10	1.51	300	0.5
94FF019-00.7	14	319140	6085815	CHEMEX	0.1	7.46	26	220		0.26	0.25	21	112	203	6.19	110	0.32	20	1.51	310	2
94FF019-01.0	14	319140	6085815	CHEMEX	0.1	7.20	24	270		0.34	0.25	22	119	207	5.97	60	0.54	30	1.65	370	2
94FF019-01.1	14	319140	6085815	CHEMEX	0.1	7.18	32	320		0.36	0.25	25	118	245	6.21	70	0.72	30	1.76	395	2
94FF019-01.2	14	319140	6085815	CHEMEX	0.4	7.04	22	320		0.34	0.25	23	116	216	6.11	30	0.62	30	1.70	380	0.5
94FF019-01.3	14	319140	6085815	CHEMEX	0.1	7.46	28	350		0.42	0.25	22	124	206	6.19	20	0.66	40	1.77	425	2
94FF019-01.4	14	319140	6085815	CHEMEX	0.2	6.94	20	360		0.38	0.25	22	123	210	5.84	30	0.75	40	1.71	415	1
94FF019-01.5	14	319140	6085815	CHEMEX	0.1	5.57	12	390		0.50	0.25	25	114	182	5.32	20	1.10	40	1.73	495	0.5
94FF019-01.6	14	319140	6085815	CHEMEX	0.1	5.98	14	340		0.48	0.25	19	107	145	5.06	10	0.77	40	1.63	420	0.5
94FF019-01.8	14	319140	6085815	CHEMEX	0.2	4.76	2	300		0.47	0.25	21	104	223	4.49	20	1.00	30	1.59	410	1
94FF019-01.9	14	319140	6085815	CHEMEX	0.1	8.28	36	540		0.72	0.25	44	188	500	8.28	0	1.84	40	2.72	940	2
94FF020	14	319922	6087006	CHEMEX	0.1	5.31	1	270		0.23	0.5	13	125	104	4.89	10	0.69	20	1.78	265	0.5
94FF021	14	320639	6087098	CHEMEX	0.1	4.39	1	440		0.71	0.5	20	144	115	5.21	60	1.20	40	2.08	410	0.5
94FF022	14	321402	6087328	CHEMEX	0.1	6.33	1	260		0.25	0.5	18	125	119	4.16	40	0.64	20	1.70	260	0.5
94FF023	14	317937	6075495	CHEMEX	0.1	8.21	6	300		0.14	3.5	21	143	168	5.98	230	0.51	20	1.52	275	1
94FF024	14	315874	6073880	CHEMEX	0.1	6.53	58	310		0.30	0.25	25	135	284	5.20	50	1.02	30	1.81	595	0.5
94FF025A	14	317877	6072592	CHEMEX	0.1	6.77	6	360		0.29	0.5	23	127	178	5.34	10	0.98	20	1.82	485	0.5
94FF025B	14	317877	6072592	CHEMEX	0.1	5.70	24	490		0.45	0.5	22	136	297	5.52	30	1.39	40	2.14	520	0.5
94FF026	14	317427	6071251	CHEMEX	0.2	4.99	48	270		0.30	4.5	23	122	419	5.20	2400	0.98	30	1.71	535	0.5
94FF027	14	318217	6070648	CHEMEX	0.1	5.23	8	250		0.32	0.5	27	162	207	5.96	20	0.87	20	2.38	575	0.5
94FF028	14	319796	6070616	CHEMEX	0.1	4.09	58	70		0.68	1.5	63	56	265	7.49	270	0.34	5	2.45	725	2
94FF029	14	318876	6071651	CHEMEX	0.4	4.29	40	330		0.38	2.0	25	111	421	5.95	2800	0.74	30	1.90	590	0.5
94FF030	14	322125	6097616	CHEMEX	0.1	5.57	4	490		0.16	0.5	20	160	88	5.71	10	1.19	20	1.89	270	0.5
94FF031	14	322980	6097247	CHEMEX	0.1	6.00	10	620		0.18	0.5	22	147	101	5.45	10	1.58	10	2.02	390	0.5
94FF032	14	323982	6097298	CHEMEX	0.1	8.01	1	440		0.17	0.5	21	171	181	4.83	10	0.52	30	1.71	205	0.5
94FF033	14	324712	6097345	CHEMEX	0.1	7.67	1	460		0.10	1.0	19	148	103	4.69	10	0.61	40	1.45	240	0.5
94FF034	14	325212	6097736	CHEMEX	0.1	4.39	1	500		0.31	1.0	18	146	73	4.84	30	1.34	30	1.86	350	0.5
94FF035	14	327134	6097391	CHEMEX	0.1	6.09	1	450		0.23	0.5	20	134	140	5.13	40	1.28	30	1.65	450	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF012-03.0	0.89	89	1240	2	6	23	19	0.35	173	162
94FF012-03.5	1.01	91	1440	1	4	26	22	0.36	182	180
94FF012-05.0	0.06	81	1120	190	4	7	86	0.11	76	262
94FF012-06.0	0.77	80	1030	1	2	22	22	0.40	172	190
94FF012-06.5	0.76	90	1110	2	4	24	27	0.38	179	202
94FF012-07.0	0.06	80	420	1	1	22	37	0.35	163	192
94FF012-07.5	0.06	76	390	4	6	21	33	0.33	155	190
94FF012-08.0	0.60	78	960	1	6	22	32	0.35	164	192
94FF012-08.5	0.66	79	1010	1	6	21	31	0.35	161	188
94FF012-09.0	0.72	77	1080	2	4	21	33	0.37	164	188
94FF012-09.5	0.73	79	1030	1	4	22	33	0.37	167	194
94FF012-10.0	0.59	78	920	4	4	21	35	0.36	163	190
94FF013	0.09	67	630	24	2	21	29	0.23	125	220
94FF014	0.98	63	1660	8	1	19	29	0.21	110	150
94FF015	1.06	57	1960	8	1	18	37	0.23	117	116
94FF016	0.60	59	1200	4	2	17	36	0.26	110	120
94FF017	0.93	67	1390	14	1	16	28	0.21	106	170
94FF018	0.84	58	1610	12	1	15	31	0.21	90	142
94FF019	1.01	61	1780	8	1	16	23	0.29	129	130
94FF019-00.1	1.62	66	4920	6	6	12	24	0.30	171	176
94FF019-00.3	1.72	72	6440	10	1	11	16	0.24	126	130
94FF019-00.5	1.93	73	7490	14	12	14	18	0.26	126	96
94FF019-00.6	1.87	75	6260	8	1	14	16	0.28	125	102
94FF019-00.7	1.80	68	5930	4	1	15	16	0.32	135	108
94FF019-01.0	1.63	76	5470	10	10	17	15	0.34	136	102
94FF019-01.1	1.51	86	5030	10	8	18	16	0.36	140	114
94FF019-01.2	1.53	82	5120	10	4	17	15	0.37	136	112
94FF019-01.3	1.45	76	4360	1	8	18	18	0.37	137	108
94FF019-01.4	1.39	77	4200	8	1	18	16	0.32	131	106
94FF019-01.5	1.16	77	3480	6	12	18	18	0.32	127	120
94FF019-01.6	1.07	61	3080	4	4	17	19	0.31	119	102
94FF019-01.8	0.95	95	3120	4	4	15	14	0.25	110	120
94FF019-01.9	1.70	124	4540	24	1	26	24	0.44	186	232
94FF020	0.88	44	1070	4	2	16	13	0.25	109	98
94FF021	0.78	61	1680	6	1	17	31	0.27	124	134
94FF022	1.06	67	2310	14	1	14	12	0.26	103	118
94FF023	1.22	65	2570	32	1	19	15	0.25	126	1210
94FF024	1.25	66	3350	14	1	17	34	0.21	107	370
94FF025A	0.88	61	1690	12	1	15	20	0.27	118	206
94FF025B	0.66	75	1100	8	1	22	31	0.28	125	172
94FF026	0.78	61	1810	76	1	15	23	0.22	107	2790
94FF027	0.75	61	1160	8	2	17	17	0.24	127	112
94FF028	0.38	77	1580	4	4	18	16	0.01	107	174
94FF029	0.86	52	1540	44	4	18	24	0.19	115	1790
94FF030	0.71	52	730	10	1	17	14	0.31	149	106
94FF031	0.73	57	1430	4	1	17	15	0.32	142	122
94FF032	1.18	59	1490	10	1	16	17	0.28	119	88
94FF033	1.10	49	2110	2	1	16	13	0.23	115	78
94FF034	0.72	54	880	4	1	16	36	0.28	127	112
94FF035	0.78	58	2220	8	1	16	28	0.28	118	140

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94FF036	14	328479	6097629	CHEMEX	0.1	5.34	1	510		0.40	1.0	19	171	86	5.49	10	1.50	30	2.26	415	0.5
94FF037	14	334876	6083081	CHEMEX	0.1	5.33	6	450		0.64	0.5	25	171	387	5.76	50	0.93	30	2.56	595	0.5
94FF038	14	335860	6083168	CHEMEX	0.1	4.00	8	210		0.40	0.5	20	127	36	4.35	10	0.72	10	1.80	435	0.5
94FF039	14	336787	6083134	CHEMEX	0.1	5.92	38	240		0.28	1.0	28	145	82	5.64	20	0.56	10	2.16	485	0.5
94FF040	14	337819	6083816	CHEMEX	0.1	3.42	76	390		6.85	0.5	18	104	217	4.41	70	1.00	30	1.95	440	0.5
94FF041	14	338911	6083904	CHEMEX	0.1	5.35	4	430		0.54	0.5	20	155	131	5.74	30	1.04	40	2.18	395	0.5
94FF042	14	317104	6075434	CHEMEX	0.1	4.98	2	270		0.41	2.0	23	98	191	4.05	170	0.91	30	1.52	560	0.5
94FF043	14	316573	6076613	CHEMEX	0.1	6.18	10	220		0.26	1.0	17	144	143	4.89	100	0.46	30	1.66	285	1
94FF044	14	337198	6095061	CHEMEX	0.1	5.91	34	260		0.26	0.5	22	112	93	5.49	80	0.81	20	1.38	290	1
94FF045	14	338288	6094944	CHEMEX	0.1	5.09	18	520		0.30	1.0	23	119	102	5.07	20	1.34	20	1.66	395	0.5
94FF046	14	338158	6094224	CHEMEX	0.1	5.92	1	370		0.23	1.0	22	139	82	5.14	20	1.31	10	1.84	355	0.5
94FF047	14	337197	6096301	CHEMEX	0.1	6.98	22	310		0.22	0.5	20	128	80	5.48	80	0.91	10	1.45	245	0.5
94FF048	14	338861	6096468	CHEMEX	0.1	6.53	2	330		0.17	0.25	19	148	59	5.64	10	1.00	10	1.74	255	0.5
94FF049	14	331716	6095894	CHEMEX	0.1	5.84	8	460		0.25	0.25	20	138	74	5.35	30	1.35	20	1.70	380	0.5
94FF050	14	332548	6095299	CHEMEX	0.1	3.61	1	270		0.25	0.5	15	113	80	3.95	10	0.93	30	1.48	245	0.5
94FF051	14	333884	6095258	CHEMEX	0.1	5.45	20	270		0.25	0.25	22	137	89	4.96	30	1.07	20	1.79	315	0.5
94FF052	14	334514	6096222	CHEMEX	0.1	6.63	28	340		0.23	0.5	23	131	117	5.58	40	0.98	20	1.54	300	0.5
94FF053	14	335933	6095694	CHEMEX	0.1	5.31	4	310		0.24	0.25	16	118	50	4.01	50	0.86	20	1.50	235	0.5
94FF054	14	335042	6095223	CHEMEX	0.1	6.30	16	470		0.21	0.5	26	162	119	5.97	20	1.38	20	1.96	325	0.5
94FF055	14	331095	6094045	CHEMEX	0.1	5.46	1	290		0.23	0.5	20	134	98	5.28	10	1.14	20	1.87	410	0.5
94FF056	14	331605	6070924	CHEMEX	0.2	5.89	112	370		0.46	0.5	39	139	682	8.28	140	0.70	70	1.89	815	7
94FF057	14	330698	6071657	CHEMEX	0.1	4.57	58	160		0.65	0.5	49	307	505	7.65	60	0.47	40	3.34	1090	0.5
94FF058	14	332759	6072563	CHEMEX	0.1	5.26	38	390		0.40	1.0	31	116	392	5.71	300	1.18	30	2.01	760	0.5
94FF059	14	317774	6070671	CHEMEX	0.1	4.45	1	420		0.37	1.0	20	141	176	5.47	60	1.51	30	2.14	420	0.5
94FF060	14	333096	6093630	CHEMEX	0.1	5.04	2	510		0.51	0.5	27	127	62	5.62	30	1.33	10	1.71	440	1
94FF061	14	330669	6092950	CHEMEX	0.1	6.70	6	340		0.18	0.5	32	129	171	5.87	20	1.03	10	1.98	320	1
94FF062	14	329358	6093328	CHEMEX	0.1	6.30	1	300		0.20	0.5	19	127	110	5.01	10	0.63	20	1.59	235	0.5
94FF063	14	328544	6092406	CHEMEX	0.1	5.89	1	310		0.25	1.0	23	140	89	5.22	10	0.66	20	1.78	300	1
94FF064	14	327085	6093152	CHEMEX	0.1	6.95	1	440		0.18	0.5	27	170	141	5.97	20	0.84	20	1.92	255	0.5
94FF065	14	328175	6093743	CHEMEX	0.1	7.25	1	390		0.18	1.0	26	131	143	5.86	50	0.73	20	1.62	255	2
94FF066	14	320999	6088258	CHEMEX	0.2	7.52	14	60		0.07	1.0	3	48	79	4.24	230	0.11	20	0.35	85	11
94FF067	14	321208	6090668	CHEMEX	0.1	7.47	22	280		0.17	0.25	19	106	154	5.32	40	0.59	20	1.16	225	1
94FF068	14	322375	6089090	CHEMEX	0.2	7.26	2	300		0.15	1.0	18	114	308	6.89	80	0.74	10	1.85	305	13
94FF069	14	322403	6089431	CHEMEX	2.0	0.53	1	80		0.03	1.0	2	22	50	15.00	10	3.45	30	0.25	115	18
94FF070	14	323690	6090186	CHEMEX	0.1	7.33	10	240		0.11	0.5	19	87	88	6.68	60	0.49	10	1.36	230	4
94FF071	14	325564	6091136	CHEMEX	0.1	5.69	1	210		0.26	0.5	23	130	77	5.01	20	0.55	10	1.81	320	1
94FF072	14	315755	6087673	CHEMEX	0.1	6.32	12	330		0.11	0.25	22	178	111	7.16	20	1.14	5	2.27	195	4
94FF073	14	316564	6088129	CHEMEX	0.1	6.00	72	220		0.28	0.25	26	120	94	6.30	30	0.62	5	1.40	270	0.5
94FF074	14	317456	6086695	CHEMEX	0.1	7.24	2	290		0.14	0.5	21	153	196	6.01	50	0.67	30	1.73	215	3
94FF075	14	318475	6089226	CHEMEX	0.1	5.72	1	200		0.20	0.25	19	141	50	5.06	10	0.43	10	1.73	230	0.5
94FF076	14	318040	6087978	CHEMEX	0.1	5.62	14	250		0.27	0.5	22	108	82	5.27	20	0.95	20	1.62	375	1
94FF077	14	319639	6087780	CHEMEX	0.4	7.21	12	360		0.16	1.0	22	119	201	7.82	40	0.56	20	1.37	235	7
94FF078	14	319206	6090692	CHEMEX	0.1	6.95	1	470		0.29	0.5	36	146	194	6.06	40	0.87	20	1.74	495	3
94FF079	14	316946	6091338	CHEMEX	0.1	5.93	44	350		0.31	0.25	21	150	127	5.50	90	1.11	20	1.68	365	1
94FF080	14	319109	6091579	CHEMEX	0.1	5.87	4	400		0.30	0.25	25	166	81	5.71	10	1.27	20	2.14	415	0.5
94FF081	14	320603	6092147	CHEMEX	0.1	6.83	1	580		0.33	0.25	28	171	120	6.27	20	1.48	10	2.23	405	0.5
94FF082	14	321643	6091787	CHEMEX	0.1	5.30	1	200		0.20	0.25	16	122	49	4.64	40	0.25	20	1.62	265	0.5
94FF083	14	330966	6087231	CHEMEX	0.1	4.85	1	350		0.22	0.25	20	124	59	4.84	10	0.93	20	1.62	315	0.5
94FF084	14	330307	6087043	CHEMEX	0.1	6.05	8	540		0.31	0.25	26	122	83	5.96	10	0.99	20	1.64	485	1
94FF085	14	330807	6086256	CHEMEX	0.1	6.19	18	410		0.25	0.25	25	137	85	5.68	20	1.09	20	1.84	400	2

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF036	0.46	62	810	4	1	19	47	0.32	138	138
94FF037	0.93	113	1410	6	1	27	26	0.26	149	172
94FF038	0.48	48	700	12	1	13	23	0.25	114	138
94FF039	0.82	68	1140	22	4	14	17	0.25	138	126
94FF040	0.66	36	1160	18	1	20	61	0.22	130	96
94FF041	0.75	59	1030	18	2	21	29	0.30	142	142
94FF042	0.90	61	2590	44	2	13	28	0.21	91	360
94FF043	1.06	56	2800	36	2	13	28	0.23	104	288
94FF044	1.38	60	6090	66	1	12	22	0.20	132	90
94FF045	1.02	62	4120	12	1	14	17	0.25	121	104
94FF046	0.72	60	1280	4	1	15	21	0.30	124	106
94FF047	1.37	56	4090	8	2	13	23	0.24	148	82
94FF048	0.86	59	1480	6	2	13	22	0.32	142	112
94FF049	0.98	65	3280	12	1	14	24	0.27	129	120
94FF050	0.67	43	750	1	1	12	14	0.26	98	78
94FF051	0.82	59	2360	12	1	14	21	0.31	123	102
94FF052	1.17	72	5120	4	4	14	24	0.27	123	98
94FF053	1.20	50	3480	6	1	13	18	0.26	99	90
94FF054	0.87	84	2110	4	6	16	19	0.33	145	116
94FF055	0.76	56	1010	12	1	13	33	0.25	114	114
94FF056	0.99	67	1370	10	6	37	31	0.18	148	120
94FF057	0.59	91	1180	8	4	41	36	0.20	161	146
94FF058	0.65	70	1160	12	4	20	26	0.23	120	162
94FF059	0.62	69	930	8	2	17	25	0.27	122	154
94FF060	1.17	56	7700	12	4	13	102	0.07	115	126
94FF061	0.91	69	2020	14	2	15	17	0.28	139	124
94FF062	0.81	55	1540	8	1	14	17	0.27	123	86
94FF063	0.80	88	1870	12	2	13	22	0.28	128	104
94FF064	0.98	90	1830	2	1	13	14	0.31	135	120
94FF065	1.11	68	2670	16	2	12	21	0.28	129	98
94FF066	2.63	14	10000	14	1	7	4	0.10	60	114
94FF067	1.42	57	4110	10	1	17	18	0.23	111	84
94FF068	1.08	60	3110	20	4	16	13	0.22	178	120
94FF069	0.60	0	2930	124	20	6	392	0.15	186	22
94FF070	1.17	39	3840	14	2	11	11	0.21	138	116
94FF071	1.03	59	1240	14	1	13	17	0.27	121	98
94FF072	0.99	64	2020	12	1	19	13	0.32	238	132
94FF073	2.48	66	10000	16	4	12	24	0.22	146	128
94FF074	1.10	67	3030	1	4	16	12	0.24	139	130
94FF075	0.77	45	900	12	1	12	14	0.26	126	118
94FF076	0.69	55	1740	14	1	13	22	0.25	125	108
94FF077	1.10	87	4470	34	2	12	27	0.21	129	152
94FF078	1.01	92	2780	14	2	15	19	0.26	125	122
94FF079	1.14	61	3420	2	4	15	23	0.32	132	108
94FF080	0.79	62	1580	6	4	17	17	0.37	153	124
94FF081	0.90	80	2730	1	2	18	21	0.36	167	126
94FF082	0.83	43	1110	4	1	11	19	0.24	104	110
94FF083	0.74	56	1180	1	2	12	18	0.30	120	100
94FF084	1.08	70	4080	2	8	12	30	0.24	125	126
94FF085	0.89	64	1870	12	4	13	27	0.29	132	130

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94FF086	14	331738	6085989	CHEMEX	0.1	5.20	6	310		0.22	0.25	22	131	61	5.12	10	0.64	10	1.73	330	2
94FF087	14	332422	6085452	CHEMEX	0.1	5.59	8	290		0.35	0.25	26	143	86	5.94	10	0.59	10	1.69	340	2
94FF088	14	333709	6085060	CHEMEX	0.1	6.05	24	340		0.42	0.25	37	234	122	6.43	30	0.85	20	2.33	515	1
94FF089	14	315705	6080921	CHEMEX	0.4	3.49	8	50		0.15	0.25	3	68	289	15.00	80	1.80	10	0.89	130	10
94FF090	14	316451	6081054	CHEMEX	0.1	6.20	24	250		0.35	0.25	29	157	153	5.78	260	0.87	10	1.98	495	0.5
94FF091	14	316986	6081323	CHEMEX	0.1	5.29	28	360		0.40	0.5	27	135	191	5.63	50	0.89	30	1.91	630	1
94FF092	14	317640	6081497	CHEMEX	0.1	4.40	1	230		0.27	0.25	19	178	88	4.90	20	0.82	20	2.26	365	0.5
94FF093	14	318925	6081736	CHEMEX	0.1	5.39	16	510		0.37	0.25	23	166	147	6.19	70	1.93	30	2.49	595	0.5
94FF094	14	319632	6082069	CHEMEX	0.2	4.68	1	600		0.46	0.25	24	153	246	5.63	90	1.62	30	2.22	500	0.5
94FF095	14	320684	6082350	CHEMEX	0.1	4.65	22	480		0.52	0.25	22	154	186	6.01	50	1.36	30	2.22	540	0.5
94FF096	14	321929	6081820	CHEMEX	0.1	5.22	6	480		0.80	0.25	22	279	192	6.12	40	0.85	30	2.62	480	0.5
94FF097	14	322569	6081733	CHEMEX	0.1	5.13	16	410		0.54	0.25	23	204	152	6.09	50	1.21	20	2.39	510	1
94FF098	14	324095	6081920	CHEMEX	0.1	4.37	1	370		0.39	0.25	22	127	159	4.72	10	1.24	20	1.86	540	0.5
94FF099	14	322331	6082660	CHEMEX	0.1	6.22	1	890		0.39	0.25	31	172	169	5.54	80	0.91	10	2.28	545	0.5
94FF100	14	328530	6082416	CHEMEX	0.1	7.40	8	500		0.30	0.25	31	131	133	6.31	80	0.83	10	1.66	415	1
94FF101	14	327037	6082924	CHEMEX	0.1	8.49	1	300		0.24	0.25	26	122	118	5.75	90	0.57	5	1.40	270	0.5
94FF102	14	326378	6079132	CHEMEX	0.1	7.51	6	250		0.32	0.25	24	211	151	5.04	70	0.31	10	2.73	355	1
94FF103A	14	325554	6079722	CHEMEX	0.1	5.56	8	240		0.41	0.25	31	297	164	5.45	80	0.54	10	2.32	400	1
94FF103B	14	325554	6079722	CHEMEX	0.1	5.47	8	460		0.74	0.25	25	225	194	6.18	80	1.14	30	2.43	445	0.5
94FF104	14	324709	6080249	CHEMEX	0.1	7.55	28	300		0.24	0.25	26	208	253	6.17	170	0.40	20	2.01	395	2
94FF105	14	316975	6080195	CHEMEX	0.1	7.31	38	200		0.24	0.25	26	146	75	7.05	90	0.33	10	1.60	245	2
94FF106	14	318013	6080079	CHEMEX	0.1	5.78	190	370		0.52	0.25	60	168	263	8.50	20	0.76	20	2.09	765	4
94FF107	14	319009	6079935	CHEMEX	0.1	4.57	18	680		2.97	0.25	27	155	141	5.41	30	1.82	30	2.69	540	0.5
94FF108	14	320686	6079351	CHEMEX	0.2	5.91	30	320		0.45	0.25	47	182	135	6.61	50	1.53	20	2.39	570	1
94FF109	14	321246	6078687	CHEMEX	0.1	6.30	52	140		0.40	0.25	74	164	386	8.52	40	0.32	20	1.97	775	2
94FF110	14	321919	6077782	CHEMEX	0.1	6.98	92	170		0.47	0.25	113	159	546	8.63	80	0.28	30	2.08	1645	4
94FF111	14	321904	6076920	CHEMEX	0.1	5.41	4	130		0.35	0.25	27	167	93	5.81	30	0.28	10	2.47	445	0.5
94FF112	14	321999	6075901	CHEMEX	0.1	6.61	6	260		0.30	0.25	27	158	135	4.91	70	0.49	10	1.99	320	1
94FF113	14	321753	6074932	CHEMEX	0.1	5.65	20	370		0.42	0.25	33	190	194	6.96	40	1.32	20	2.47	595	0.5
94FF114	14	321517	6074013	CHEMEX	0.2	4.02	54	260		3.39	0.25	32	113	263	6.79	530	0.67	20	1.97	485	1
94FF115	14	320893	6074932	CHEMEX	0.1	4.88	40	280		0.14	0.25	32	85	216	7.12	50	0.27	10	1.45	265	4
94FF116	14	320634	6075698	CHEMEX	0.2	5.22	18	330		0.40	0.25	27	115	284	6.64	330	0.68	30	1.87	305	1
94FF117	14	319407	6077498	CHEMEX	0.1	5.84	26	210		0.26	0.25	41	97	1115	5.91	50	0.46	20	1.54	370	2
94FF118	14	318912	6078341	CHEMEX	0.1	5.83	44	480		0.44	0.25	26	119	155	5.43	40	1.12	20	1.82	570	1
94FF119	14	320615	6073542	CHEMEX	0.1	6.94	22	150		0.18	0.25	31	110	299	7.27	80	0.40	10	1.70	390	3
94FF120	14	319880	6073964	CHEMEX	0.1	5.75	6	140		0.26	0.25	20	152	102	5.07	10	0.48	10	2.18	345	0.5
94FF121	14	319657	6072019	CHEMEX	0.2	5.39	92	140		0.14	0.25	36	51	437	11.10	370	0.52	10	1.92	595	5
94FF122	14	323181	6076845	CHEMEX	0.1	5.21	1	190		0.40	0.25	27	172	139	5.22	30	0.73	20	2.21	400	0.5
94FF123	14	323405	6076043	CHEMEX	0.1	4.72	11	300		0.33	0.25	22	152	50	5.08	10	1.17	20	2.10	465	1
94FF124	14	323537	6075036	CHEMEX	0.1	4.94	1	340		0.65	0.25	25	196	139	5.80	50	0.85	30	2.56	535	1
94FF125	14	323238	6073867	CHEMEX	0.1	5.98	1	250		0.45	0.25	23	192	106	4.93	30	0.24	20	2.14	355	0.5
94FF126	14	323067	6072906	CHEMEX	0.1	6.14	1	200		0.36	0.25	22	171	92	5.27	90	0.62	20	2.10	365	1
94FF127	14	322406	6071385	CHEMEX	0.1	5.50	6	250		0.32	0.25	25	147	106	6.12	40	0.92	20	2.22	585	1
94FF128	14	323198	6070519	CHEMEX	0.1	5.81	1	260		0.28	0.5	20	138	257	4.57	90	0.54	20	1.75	290	1
94FF129	14	321771	6071004	CHEMEX	0.1	5.49	2	280		0.33	2.0	32	162	120	6.56	20	1.02	10	2.15	485	0.5
94FF130	14	320713	6072598	CHEMEX	0.1	4.20	2	200		0.44	0.25	20	123	61	4.85	40	0.47	20	1.88	505	0.5
94FF131	14	336450	6088785	CHEMEX	0.1	4.60	1	340		0.47	0.25	18	128	57	4.52	10	0.63	20	1.77	295	1
94FF132	14	337323	6088630	CHEMEX	0.2	7.26	1	270		0.21	0.25	19	129	145	5.21	50	0.39	30	1.59	310	0.5
94FF133	14	338050	6088093	CHEMEX	0.2	6.81	20	250		0.31	0.25	14	115	469	4.54	60	0.51	20	1.29	245	1
94FF134	14	338181	6086716	CHEMEX	0.1	6.72	34	360		0.60	0.25	31	114	184	5.88	10	0.74	10	1.84	535	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF086	0.77	57	1390	4	1	11	17	0.26	121	100
94FF087	0.95	57	2740	4	2	12	24	0.23	148	102
94FF088	0.82	88	1920	1	4	16	28	0.25	157	112
94FF089	0.78	12	4250	6	18	9	37	0.09	94	40
94FF090	0.95	70	2070	6	4	15	19	0.24	128	172
94FF091	0.83	69	1520	10	4	16	29	0.24	124	186
94FF092	0.80	56	520	1	2	15	17	0.32	128	114
94FF093	0.74	74	970	1	6	21	25	0.32	148	194
94FF094	0.75	67	1000	2	4	20	26	0.32	134	146
94FF095	0.87	61	1240	1	4	22	36	0.25	145	118
94FF096	0.89	75	1510	1	6	26	36	0.27	140	110
94FF097	0.78	79	1080	1	6	19	28	0.29	146	170
94FF098	0.55	62	1380	2	2	14	19	0.27	114	128
94FF099	0.88	70	1760	40	4	15	28	0.27	136	102
94FF100	1.23	83	2960	62	4	13	27	0.24	132	108
94FF101	1.69	62	6350	36	1	13	20	0.25	123	84
94FF102	0.84	69	1250	28	4	16	26	0.20	116	96
94FF103A	0.93	77	1820	26	4	14	24	0.26	131	102
94FF103B	0.85	71	1840	8	2	25	35	0.29	147	132
94FF104	1.31	72	4000	54	4	18	16	0.32	143	96
94FF105	1.14	61	3780	40	6	20	17	0.26	205	96
94FF106	0.92	106	1800	14	4	17	18	0.26	212	128
94FF107	0.52	73	1030	2	4	19	48	0.29	137	158
94FF108	0.66	91	1160	2	4	19	21	0.32	152	154
94FF109	1.06	143	2400	1	6	25	16	0.17	179	110
94FF110	1.38	161	3090	24	4	22	17	0.13	201	312
94FF111	0.95	64	1410	1	2	16	17	0.28	160	162
94FF112	0.85	65	2720	1	1	16	14	0.26	115	210
94FF113	0.73	88	1330	2	4	22	26	0.32	153	144
94FF114	0.70	73	1360	6	4	16	42	0.15	99	130
94FF115	0.74	66	1550	1	6	9	16	0.07	90	148
94FF116	0.76	86	1480	2	6	21	25	0.10	92	158
94FF117	0.91	70	3930	2	2	12	16	0.13	102	100
94FF118	0.72	74	1810	1	2	15	27	0.24	113	148
94FF119	0.74	103	2130	12	6	11	23	0.16	96	118
94FF120	0.97	57	1290	4	4	16	20	0.24	121	168
94FF121	0.72	104	1520	4	8	19	12	0.04	95	134
94FF122	0.76	69	1260	1	2	16	23	0.29	122	108
94FF123	0.75	58	1050	4	2	14	23	0.31	127	140
94FF124	0.85	75	1290	1	6	19	35	0.30	142	142
94FF125	1.04	71	1140	2	4	15	24	0.30	121	116
94FF126	0.93	60	1830	2	6	15	17	0.31	136	110
94FF127	0.77	58	1060	1	4	17	22	0.28	134	132
94FF128	1.01	96	2360	6	4	13	14	0.27	105	240
94FF129	0.89	72	1280	2	6	17	22	0.27	130	434
94FF130	0.92	57	1010	1	2	12	28	0.24	101	122
94FF131	0.04	54	330	4	4	12	33	0.25	107	106
94FF132	1.31	57	4340	12	2	17	9	0.27	113	98
94FF133	1.48	88	4980	10	2	16	13	0.20	92	166
94FF134	0.90	62	1900	2	1	17	26	0.29	152	98

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94FF135	14	338075	6085784	CHEMEX	0.1	5.72	24	450		0.69	0.25	23	107	173	6.18	40	0.69	20	1.64	380	1
94FF136	14	338108	6084561	CHEMEX	0.1	7.42	32	330		0.50	0.5	28	127	235	7.19	10	0.66	10	2.30	490	2
94FF137	14	334144	6086442	CHEMEX	0.1	5.25	8	200		0.21	0.5	17	124	58	7.80	40	0.26	10	1.34	290	11
94FF138	14	335616	6087103	CHEMEX	0.1	4.08	1	300		0.24	0.25	18	131	42	4.55	30	1.10	30	1.88	335	0.5
94FF139	14	335810	6084701	CHEMEX	0.1	4.33	2	180		0.35	0.25	18	117	94	4.60	30	0.45	30	1.66	315	0.5
94FF140	14	331513	6078467	CHEMEX	0.1	7.16	92	320		0.50	0.5	57	127	226	8.53	50	0.31	20	2.08	860	2
94FF141	14	332914	6079049	CHEMEX	0.1	4.29	60	410		0.98	0.25	31	149	164	6.17	30	1.17	30	2.28	620	1
94FF142	14	333724	6080399	CHEMEX	0.1	6.04	76	400		0.72	0.25	47	146	167	7.39	20	0.51	30	2.18	880	1
94FF143	14	335204	6081068	CHEMEX	0.2	1.73	6	310		0.98	0.25	12	69	62	2.07	10	0.39	10	1.44	425	0.5
94FF144	14	337405	6082061	CHEMEX	0.1	6.05	122	220		0.48	0.25	47	199	150	7.53	10	0.56	10	2.69	600	1
94HJB0002	13	685500	6047000	CHEMEX		5.16	8	180	1	0.30	0.25	28	100	30	8.48	60	0.24	20	1.38	1175	2
94HJB0003	13	685500	6047000	CHEMEX		5.57	14	190	1	0.52	0.25	28	117	50	9.12	90	0.54	50	1.62	990	1
94HJB0004	13	685500	6047000	CHEMEX	0.1	4.22	6	90	1	1.06	0.25	30	102	80	5.58	80	0.64	70	1.77	470	1
94HJB0005	13	685500	6047000	CHEMEX		2.51	2	110	2	8.92	0.25	19	75	52	3.81	40	0.47	30	1.71	240	0.5
94HJB0008	14	312106	6079750	CHEMEX		6.45	1	220	1	0.32	1.5	20	154	75	5.56	70	0.54	10	1.73	285	2
94HJB0010	14	312106	6079750	CHEMEX		4.99	14	240	2	0.36	0.25	23	176	87	6.08	30	1.29	10	2.71	490	0.5
94HJB0012	14	312846	6047503	CHEMEX		5.72	2	220	1	0.27	0.25	28	144	127	6.39	50	0.94	10	2.25	490	1
94HJB0014	14	308985	6045900	CHEMEX		3.51	4	180	1	2.89	0.5	24	131	128	4.29	80	0.65	30	3.13	395	0.5
94HJB0016	14	307100	6045014	CHEMEX		3.66	1	220	6	2.43	0.25	18	115	88	4.16	30	0.69	30	2.76	435	0.5
94HJB0018	14	308351	6055125	CHEMEX		5.85	1	180	2	0.34	0.25	24	179	92	6.03	40	0.74	10	2.37	400	1
94HJB0019	14	308351	6055125	CHEMEX		5.86	18	340	4	0.46	13.0	23	174	1915	6.78	160	0.90	40	2.29	410	1
94HJB0021	14	307806	6057029	CHEMEX		5.35	1	230	2	0.28	0.25	18	162	129	5.82	70	0.62	20	2.06	315	0.5
94HJB0023	14	312625	6065616	CHEMEX		5.95	6	180	6	0.25	0.25	19	172	99	5.27	30	0.58	20	1.91	310	1
94HJB0024	13	686375	6044225	CHEMEX		4.75	4	200	1	0.89	0.25	29	210	180	6.16	140	0.72	40	2.83	705	1
94HJB0025	13	686375	6044225	CHEMEX	0.1	5.77	18	300	2	0.42	0.25	30	232	180	7.10	90	0.97	30	2.70	550	1
94HJB0026	13	686375	6044225	CHEMEX	0.1	5.59	12	290	1	0.38	0.25	26	220	158	6.74	60	0.93	20	2.60	500	1
94HJB0027	13	686375	6044225	CHEMEX		5.15	1	160	1	0.31	0.25	27	194	49	5.50	20	0.87	10	2.42	440	1
94HJB0028	13	686375	6044225	CHEMEX		4.90	2	150	1	0.27	0.25	21	174	42	5.25	60	0.75	10	2.14	380	1
94HJB0030	13	686375	6044225	CHEMEX	0.1	4.77	1	360	1	1.19	0.25	22	183	83	5.51	20	1.40	20	2.98	445	1
94HJB0031	13	685600	6044950	CHEMEX	0.1	5.10	24	290	1	0.97	0.25	42	170	169	7.20	40	1.37	10	3.29	570	0.5
94HJB0032A	13	685600	6044950	CHEMEX	0.1	4.40	14	260	1	2.99	0.25	34	169	116	6.03	30	1.10	10	3.48	465	0.5
94HJB0032B	13	685600	6044950	CHEMEX		3.97	14	170	1	2.83	0.25	32	166	97	5.42	50	0.92	10	3.57	420	0.5
94HJB0033	13	685600	6044950	CHEMEX		4.01	2	300	1	5.81	0.25	34	145	134	5.44	70	1.07	10	2.87	455	0.5
94HJB0034	13	685600	6044950	CHEMEX		5.53	12	210	1	0.48	0.25	45	184	127	7.53	30	1.27	10	2.86	750	1
94HJB0035	13	685600	6044950	CHEMEX	0.1	4.48	30	260	1	1.42	0.25	37	159	124	6.59	30	1.10	20	3.28	545	1
94HJB0036	13	685250	6049400	CHEMEX	0.1	4.83	10	360	1	1.65	0.25	39	182	141	6.77	60	1.50	20	3.25	650	0.5
94HJB0037	13	685600	6053350	CHEMEX	0.1	4.63	18	360	1	3.74	0.25	23	150	93	4.88	30	0.92	20	2.49	430	0.5
94HJB0039	14	310250	6059425	CHEMEX		7.95	102	110	1	0.20	0.25	22	154	164	6.69	170	0.28	20	1.53	310	3
94HJB0041	14	309000	6059300	CHEMEX		5.66	22	190	1	0.31	0.25	24	169	73	5.80	30	1.14	10	2.20	430	1
94HJB0043	14	308650	6056275	CHEMEX		2.50	2	200	1	11.60	0.25	11	88	66	2.64	50	0.73	20	2.51	225	0.5
94HJB0044	14	308650	6056275	CHEMEX		2.58	1	180	1	13.05	0.25	12	84	83	2.56	30	0.68	10	2.55	215	0.5
94HJB0045	14	308650	6056275	CHEMEX		4.75	1	230	1	0.54	0.25	23	137	49	5.21	20	1.06	20	2.15	465	1
94HJB0050	13	691470	6072550	CHEMEX	0.1	7.11	1	280	1	0.38	0.5	35	181	202	6.17	50	1.11	20	2.14	510	2
94HJB0051	14	311670	6081425	CHEMEX		6.21	260	160	1	0.31	0.25	28	99	95	9.35	100	0.55	30	1.42	540	3
94HJB0052	14	311100	6080650	CHEMEX		7.41	176	220	2	0.27	0.25	28	265	81	7.12	80	0.45	10	2.03	380	1
94HJB0053	14	311100	6080650	CHEMEX		8.37	322	190	1	0.31	0.25	32	312	138	7.68	60	0.53	10	2.11	380	1
94HJB0054	14	311100	6080650	CHEMEX		7.25	22	540	1	0.66	0.25	29	313	130	6.91	30	1.52	20	3.26	550	1
94HJB0055	14	311100	6080650	CHEMEX		5.62	6	390	2	0.89	0.25	26	614	100	5.10	20	0.98	10	5.07	545	0.5
94HJB0056	14	311100	6080650	CHEMEX		6.30	248	360	1	0.84	0.25	29	631	120	5.81	80	1.03	10	5.95	775	0.5
94HJB0057	14	311100	6080650	CHEMEX		5.95	176	360	4	0.83	0.25	29	657	113	5.54	40	1.10	10	6.30	515	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94FF135	1.23	55	4740	6	6	15	29	0.26	140	88
94FF136	1.11	62	3290	2	2	19	20	0.29	202	100
94FF137	1.03	43	2240	2	6	9	17	0.23	168	104
94FF138	0.82	55	810	4	4	14	27	0.30	111	132
94FF139	0.77	46	1050	6	1	13	20	0.26	120	90
94FF140	1.14	81	2550	16	6	22	40	0.26	175	86
94FF141	0.73	63	1150	1	6	23	33	0.27	152	132
94FF142	0.78	76	1470	1	8	23	42	0.25	151	114
94FF143	0.36	22	930	4	4	8	333	0.10	51	54
94FF144	0.72	95	1880	4	4	19	30	0.25	181	116
94HJB0002	0.82	35	3010	6	6	15	10	0.10	160	76
94HJB0003	0.60	49	3470	8	6	24	16	0.08	157	72
94HJB0004	0.59	60	2800	4	6	20	23	0.03	126	60
94HJB0005	0.35	38	2260	4	6	11	33	0.03	84	42
94HJB0008	0.52	53	1780	6	2	13	21	0.26	143	522
94HJB0010	0.47	77	1580	1	4	19	20	0.24	132	120
94HJB0012	0.53	65	1870	4	2	17	14	0.20	136	132
94HJB0014	0.38	58	1770	4	2	13	27	0.10	91	88
94HJB0016	0.45	54	1820	8	4	11	31	0.14	88	102
94HJB0018	0.63	60	2020	6	4	16	21	0.24	139	130
94HJB0019	0.63	69	2540	8	1	29	23	0.19	144	6720
94HJB0021	0.60	57	2090	1	4	18	26	0.18	121	98
94HJB0023	0.48	54	2130	1	1	15	20	0.30	134	108
94HJB0024	0.85	106	2490	2	2	25	29	0.12	128	94
94HJB0025	0.89	118	2740	1	6	30	20	0.19	159	96
94HJB0026	0.66	104	2290	1	6	29	21	0.19	156	92
94HJB0027	0.72	76	2900	1	2	15	15	0.10	139	96
94HJB0028	0.92	68	3550	4	2	13	15	0.10	137	108
94HJB0030	0.45	76	1700	2	4	19	34	0.22	143	126
94HJB0031	0.61	89	2110	1	4	22	27	0.19	175	112
94HJB0032A	0.54	77	2320	1	2	21	38	0.16	150	86
94HJB0032B	0.65	72	1890	1	1	20	25	0.11	135	72
94HJB0033	0.63	66	2130	2	6	17	53	0.08	137	92
94HJB0034	0.64	85	2060	1	2	22	19	0.14	184	108
94HJB0035	0.56	76	1690	1	2	20	22	0.13	157	104
94HJB0036	0.49	74	1070	1	4	22	56	0.22	187	142
94HJB0037	0.70	57	1810	4	8	17	103	0.22	140	104
94HJB0039	0.87	61	7910	2	8	18	13	0.12	144	152
94HJB0041	0.60	62	2650	2	2	15	18	0.20	142	112
94HJB0043	0.41	31	1890	4	2	9	226	0.09	65	62
94HJB0044	0.51	25	2690	1	1	8	204	0.06	58	54
94HJB0045	0.52	52	1640	2	2	14	29	0.15	115	120
94HJB0050	0.60	86	2530	1	2	17	16	0.13	164	116
94HJB0051	0.96	53	4460	22	4	17	19	0.15	126	124
94HJB0052	0.82	72	4770	4	6	13	13	0.22	203	186
94HJB0053	0.94	100	5440	1	1	16	13	0.20	232	120
94HJB0054	0.69	86	2740	1	4	30	21	0.36	200	148
94HJB0055	0.54	102	3510	1	1	29	18	0.18	145	88
94HJB0056	0.84	112	4200	1	2	45	16	0.19	161	96
94HJB0057	0.67	112	3030	1	1	36	15	0.20	149	96

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94HJB0058	14	311470	6080450	CHEMEX		6.26	1	570	1	0.31	0.25	29	239	191	6.83	40	2.24	20	2.97	455	1
94HJB0059	14	311470	6080450	CHEMEX		5.22	1	390	1	0.31	0.25	25	202	106	6.00	30	1.74	20	2.60	530	1
94HJB0060A	14	307550	6054500	CHEMEX		5.15	1	220	1	1.00	0.5	22	151	170	5.94	30	1.26	30	3.21	475	0.5
94HJB0060B	14	307550	6054500	CHEMEX		4.88	14	190	1	1.07	0.25	35	135	170	5.74	50	1.16	30	3.16	615	1
94HJB0061	14	307775	6055200	CHEMEX		5.42	1	370	1	0.43	0.25	20	143	101	5.55	30	0.89	60	2.33	420	1
94HJB0062	14	307775	6055200	CHEMEX		4.51	6	270	1	4.48	0.25	22	145	127	4.64	20	1.20	20	2.75	380	0.5
94HJB0063	14	307775	6055200	CHEMEX		4.39	4	230	1	1.53	0.25	23	142	138	5.27	20	1.14	20	2.82	435	0.5
94HJB0064	14	307100	6053850	CHEMEX		4.47	8	200	1	1.40	0.25	26	143	225	5.69	40	1.03	20	2.99	480	0.5
94HJB0065	14	307100	6053850	CHEMEX		4.46	4	230	1	2.48	0.25	29	140	167	5.55	50	0.93	20	3.29	525	0.5
94HJB0066	14	306550	6053025	CHEMEX		4.74	8	260	1	1.05	0.25	24	173	145	6.04	10	1.32	20	3.22	480	0.5
94HJB0067	13	693500	6053125	CHEMEX	0.1	4.96	1	240	1	0.61	0.25	27	147	162	5.77	30	1.33	20	2.93	465	0.5
94HJB0069	14	306275	6053700	CHEMEX		4.63	4	240	1	0.94	0.25	23	168	167	5.53	10	1.23	20	3.26	435	0.5
94JEC0001	13	630025	6117425	CHEMEX	0.1	5.70	18	210	1	0.19	0.25	24	170	60	5.64	10	1.06	20	1.94	320	1
94JEC0003	13	629020	6119415	CHEMEX	0.1	6.88	18	260	1	0.23	0.25	26	185	242	5.54	60	0.88	30	1.94	350	2
94JEC0005	13	627500	6115910	CHEMEX	0.1	6.03	16	190	1	0.14	0.25	22	170	84	5.92	10	0.71	20	1.77	270	2
94JEC0007	13	628615	6114125	CHEMEX	0.1	5.40	26	180	1	0.16	0.25	20	188	76	5.90	10	0.65	30	1.91	280	0.5
94JEC0009	13	630460	6115715	CHEMEX	0.1	5.79	18	220	1	0.12	0.25	24	163	65	5.39	40	0.77	20	1.71	285	2
94JEC0011	13	627625	6110150	CHEMEX	0.1	4.57	16	310	1	0.18	0.25	27	198	74	6.10	30	1.49	20	2.29	475	1
94JEC0013	13	627810	6107325	CHEMEX	0.1	7.37	10	230	1	0.10	0.25	23	204	110	4.88	90	0.50	40	1.48	195	2
94JEC0015	13	630175	6110525	CHEMEX	0.1	5.21	6	180	1	0.15	0.25	25	190	71	6.07	20	0.94	20	1.95	335	1
94JEC0017	13	631985	6112420	CHEMEX	0.1	5.28	8	410	1	0.15	0.25	26	220	112	6.76	30	1.75	20	2.40	350	1
94JEC0019	13	639710	6113200	CHEMEX	0.1	5.27	8	440	1	0.23	0.25	24	233	113	6.53	10	1.31	20	2.40	290	0.5
94JEC0021	13	640960	6116365	CHEMEX	0.1	5.41	8	350	1	0.15	0.25	29	275	150	7.64	10	1.66	30	2.59	380	1
94JEC0023	13	638875	6117080	CHEMEX	0.2	4.82	12	560	1	0.41	0.25	28	248	164	7.51	50	1.79	40	2.54	865	0.5
94JEC0024	13	638875	6117080	CHEMEX	0.2	4.20	6	410	1	3.23	0.25	23	202	96	5.35	10	1.07	30	2.23	390	0.5
94JEC0027	13	638220	6119060	CHEMEX	0.4	5.28	20	530	1	0.29	0.25	24	181	124	6.90	20	1.48	50	2.16	470	1
94JEC0029	13	636000	6118910	CHEMEX	0.1	6.92	20	280	1	0.32	0.25	32	235	166	7.25	10	1.31	30	2.34	390	2
94JEC0031	13	637710	6116045	CHEMEX	0.2	4.63	16	240	1	0.19	0.25	21	143	90	5.56	10	1.16	20	1.88	425	0.5
94JEC0033	13	641150	6111325	CHEMEX	0.1	5.33	4	330	1	0.19	0.25	27	229	85	6.43	30	1.02	30	2.53	380	0.5
94JEC0035	13	643850	6108310	CHEMEX	0.1	6.88	6	190	1	0.11	0.25	26	220	133	6.67	30	0.85	20	1.91	290	1
94JEC0037	13	645110	6105885	CHEMEX	0.1	5.45	16	220	1	0.16	0.25	21	134	56	4.57	20	0.53	20	1.49	330	2
94JEC0039	13	641125	6106920	CHEMEX	0.1	5.42	18	330	1	0.19	0.25	30	271	74	6.63	30	1.45	20	2.34	440	1
94JEC0041	13	639000	6109250	CHEMEX	0.1	6.83	12	250	1	0.32	0.25	31	226	200	5.65	60	0.68	20	2.00	375	1
94JEC0043	13	641750	6101330	CHEMEX	0.1	6.49	4	240	1	0.15	0.25	22	156	97	5.52	20	0.90	30	1.74	315	1
94JEC0045	13	641400	6104125	CHEMEX	0.1	4.38	2	290	1	0.21	0.25	18	134	61	5.29	20	1.09	30	1.76	340	0.5
94JEC0047	13	646275	6103850	CHEMEX	0.1	6.10	18	560	1	0.15	0.25	33	262	82	6.96	20	1.45	20	2.67	265	1
94JEC0049	13	647900	6101460	CHEMEX	0.2	6.41	14	190	1	0.09	0.25	23	264	117	5.77	70	0.93	70	1.83	280	2
94JEC0051	13	648010	6100020	CHEMEX	0.1	5.76	8	270	1	0.29	0.25	34	167	130	5.41	30	1.21	30	1.84	370	0.5
94JEC0053	13	645675	6101200	CHEMEX	0.1	7.87	22	220	1	0.11	0.25	45	207	184	6.56	20	0.92	20	1.84	235	3
94JEC0055	13	646390	6098900	CHEMEX	0.1	5.57	20	420	1	0.22	0.25	29	224	77	6.16	20	1.58	20	2.32	265	1
94JEC0057	13	644650	6099100	CHEMEX	0.2	6.33	14	230	1	0.32	0.25	37	301	184	6.37	10	0.93	30	2.09	480	2
94JEC0059	13	644960	6096260	CHEMEX	0.1	7.58	20	210	1	0.11	0.25	29	232	122	6.39	70	0.68	20	1.90	255	2
94JEC0061	14	389160	6030267	CHEMEX	0.1	3.15	14	130	1	5.32	0.25	30	104	144	4.74	10	0.48	5	3.74	515	0.5
94JEC0063	14	319604	6028863	CHEMEX	0.1	3.26	6	160	1	6.82	0.25	21	118	130	4.61	30	0.42	5	2.73	365	0.5
94JEC0065	14	305566	6016099	CHEMEX	0.1	2.14	1	90	1	12.55	0.25	16	72	84	2.92	30	0.29	5	3.39	300	0.5
94JEC0067	14	305566	6016099	CHEMEX	0.2	4.39	8	220	1	0.39	0.25	23	147	64	5.62	10	0.98	40	2.05	410	0.5
94JEC0068	14	305075	6011354	CHEMEX	0.1	1.71	4	80	1	12.35	0.25	15	69	81	2.62	10	0.21	5	4.23	305	0.5
94JEC0070	14	323428	6004703	CHEMEX	0.1	3.22	8	230	1	1.55	0.25	18	99	49	4.14	20	0.72	40	2.23	460	0.5
94JEC0072	14	324516	5999402	CHEMEX	0.2	3.63	20	260	1	1.87	0.25	18	114	59	4.31	10	0.89	30	2.36	360	0.5
94JEC0074	14	322986	5990766	CHEMEX	0.1	2.78	4	120	1	6.00	0.25	16	92	61	3.11	90	0.51	5	4.72	375	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94HJB0058	0.56	84	1770	1	4	29	16	0.34	180	156
94HJB0059	0.55	69	1340	6	4	22	18	0.31	162	134
94HJB0060A	0.71	59	2970	2	4	20	20	0.11	116	120
94HJB0060B	0.72	58	2730	1	2	20	19	0.09	111	98
94HJB0061	0.57	60	2240	6	1	19	37	0.13	130	106
94HJB0062	0.52	49	1820	6	2	16	99	0.12	106	90
94HJB0063	0.53	53	1860	1	2	17	38	0.11	105	100
94HJB0064	0.59	55	2070	1	4	18	21	0.10	109	122
94HJB0065	0.56	50	1880	1	4	18	24	0.09	110	88
94HJB0066	0.60	64	2050	1	2	19	25	0.17	131	122
94HJB0067	0.49	64	2230	1	2	21	21	0.15	126	100
94HJB0069	0.49	72	1830	1	1	19	34	0.16	128	122
94JEC0001	0.51	64	2010	6	2	14	13	0.34	125	142
94JEC0003	0.64	96	3220	4	4	17	11	0.31	118	110
94JEC0005	0.59	58	1620	4	4	15	9	0.34	118	106
94JEC0007	0.55	64	2370	4	4	16	11	0.37	127	106
94JEC0009	1.11	64	6090	4	1	13	8	0.16	113	114
94JEC0011	0.82	74	1860	4	2	19	15	0.39	149	140
94JEC0013	1.18	137	10000	1	6	12	5	0.24	78	80
94JEC0015	0.82	113	4290	1	1	12	10	0.20	118	108
94JEC0017	0.57	82	1530	1	2	20	12	0.42	166	140
94JEC0019	0.52	82	1640	4	2	19	20	0.35	156	144
94JEC0021	0.87	90	1800	2	2	19	9	0.44	188	140
94JEC0023	0.85	88	2030	1	2	22	19	0.42	186	174
94JEC0024	0.88	66	2820	1	2	19	66	0.34	122	126
94JEC0027	0.80	88	2230	6	6	19	27	0.29	150	154
94JEC0029	0.96	97	4390	2	4	15	12	0.15	171	108
94JEC0031	0.60	69	1850	4	2	14	25	0.25	109	130
94JEC0033	0.68	96	1970	1	2	18	15	0.42	168	140
94JEC0035	0.71	90	3370	4	1	12	8	0.32	156	106
94JEC0037	0.66	59	4290	2	2	10	12	0.24	101	98
94JEC0039	0.83	118	3150	1	2	12	10	0.26	118	122
94JEC0041	1.24	137	10000	4	2	12	7	0.05	116	88
94JEC0043	0.68	66	4770	10	2	13	13	0.18	125	112
94JEC0045	0.63	60	1740	6	1	15	33	0.24	100	118
94JEC0047	0.58	106	1870	4	4	15	17	0.42	224	168
94JEC0049	1.15	83	5730	6	4	16	8	0.09	129	94
94JEC0051	0.87	119	7300	8	1	12	12	0.06	138	134
94JEC0053	0.66	173	3650	4	4	12	7	0.35	155	140
94JEC0055	0.58	89	4370	4	6	14	20	0.07	167	150
94JEC0057	0.78	169	3650	4	10	13	9	0.30	129	100
94JEC0059	0.72	100	4360	8	2	13	7	0.33	154	122
94JEC0061	0.42	56	1660	2	2	14	36	0.07	94	90
94JEC0063	0.46	50	1880	1	2	13	37	0.10	97	84
94JEC0065	0.35	32	1890	6	2	8	42	0.07	60	56
94JEC0067	0.54	65	1900	12	2	16	21	0.18	117	122
94JEC0068	0.32	35	1640	2	2	7	34	0.03	55	52
94JEC0070	0.43	53	1800	10	2	10	26	0.12	77	110
94JEC0072	0.55	52	2050	6	2	13	35	0.14	96	112
94JEC0074	0.51	46	1990	4	1	9	37	0.08	65	72

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94JEC0076	14	305595	5989606	CHEMEX	0.1	2.75	8	160	1	5.77	0.25	19	97	58	3.58	70	0.69	5	4.67	515	0.5
94JEC0077	14	305595	5989606	CHEMEX	0.1	3.63	14	250	2	1.04	0.25	18	103	49	4.18	50	0.79	40	1.87	375	0.5
94JEC0079	13	695260	5999576	CHEMEX	0.1	2.31	14	160	1	10.75	0.25	18	101	81	3.40	10	0.56	5	4.07	390	0.5
94JEC0082	13	683482	5997608	CHEMEX	0.1	2.71	2	140	1	8.69	0.25	17	95	60	3.35	20	0.67	5	4.30	385	0.5
94JEC0084	13	673443	6009689	CHEMEX	0.2	3.89	8	310	1	1.19	0.25	21	127	60	4.68	20	0.97	40	2.19	415	0.5
94JEC0086	13	685366	6029712	CHEMEX	0.2	2.62	14	170	1	8.02	0.5	21	104	138	4.19	60	0.49	5	4.59	470	0.5
94JEC0088	13	668563	6033331	CHEMEX	0.1	3.86	56	260	1	2.77	0.25	34	148	189	5.95	90	0.96	20	3.50	555	0.5
94JEC0090	13	649568	6016709	CHEMEX	0.1	2.13	6	220	1	11.90	0.25	12	75	46	2.49	40	0.46	5	2.27	230	0.5
94JEC0092	13	657675	6009927	CHEMEX	0.2	3.88	8	220	1	1.07	0.25	21	136	71	4.81	70	0.73	30	2.31	335	1
94JEC0095	13	663407	5998092	CHEMEX	0.1	3.02	10	170	1	2.17	0.25	16	92	37	3.56	20	0.71	20	2.43	310	0.5
94JEC0097	13	654063	6031582	CHEMEX	0.1	1.98	12	210	1	13.45	0.25	10	88	65	2.25	40	0.37	5	3.49	210	0.5
94JEC0099	13	639291	6030860	CHEMEX	0.1	2.59	4	190	1	10.75	0.25	12	92	46	2.63	10	0.55	5	2.84	255	0.5
94JEC0101	13	635330	6025081	CHEMEX	0.1	4.05	1	210	1	3.37	0.25	17	170	70	4.03	60	0.43	10	3.18	265	0.5
94JEC0103	13	632263	6019920	CHEMEX	0.1	3.10	6	190	1	8.09	0.25	13	148	67	3.20	60	0.68	5	4.93	315	0.5
94JEC0105	13	643994	6006849	CHEMEX	0.1	2.62	14	220	1	10.55	0.25	13	99	57	3.04	10	0.69	5	3.17	290	0.5
94JEC0107	13	649912	5995531	CHEMEX	0.1	2.92	34	190	1	8.45	0.25	23	111	88	4.13	60	0.71	5	4.21	440	0.5
94JEC0109	13	679205	6031137	CHEMEX	0.1	3.57	16	240	1	1.51	0.25	20	124	72	4.62	10	0.69	30	2.26	395	0.5
94MOB0003	14	346364	6044034	CHEMEX	0.1	2.95	12	120	1	6.82	0.25	20	76	132	4.75	10	0.44	10	5.40	405	0.5
94MOB0004	14	346364	6044034	CHEMEX	0.1	3.09	16	110	1	6.26	0.25	21	77	138	4.86	20	0.47	10	5.42	405	0.5
94MOB0005	14	346364	6044034	CHEMEX	0.1	3.13	1	130	1	7.70	0.25	21	78	144	4.82	20	0.49	10	5.10	410	0.5
94MOB0006	14	346364	6044034	CHEMEX	0.1	3.45	4	150	1	7.38	0.25	22	81	159	5.13	10	0.55	10	4.75	410	0.5
94MOB0007	14	346364	6044034	CHEMEX	0.1	3.04	1	130	1	8.82	0.5	19	72	139	4.56	10	0.43	10	4.82	375	0.5
94MOB0008	14	346364	6044034	CHEMEX	0.1	2.75	8	120	1	7.77	0.25	21	65	133	4.35	10	0.43	10	3.81	370	0.5
94MOB0009	14	346364	6044034	CHEMEX	0.1	3.21	18	140	1	7.26	0.25	20	78	165	4.97	40	0.41	10	4.84	380	0.5
94MOB0010	14	346364	6044034	CHEMEX	0.1	4.47	14	150	1	1.97	0.25	28	103	260	7.39	60	0.50	10	3.70	485	0.5
94MOB0011	14	346364	6044034	CHEMEX	0.1	5.55	20	200	1	0.32	0.25	36	123	287	10.25	70	0.51	40	2.77	615	1
94MOB0012	14	346364	6044034	CHEMEX	0.1	5.71	20	220	1	0.32	0.25	36	122	193	9.51	50	0.51	30	2.76	620	1
94MOB0013	14	346364	6044034	CHEMEX	0.2	5.76	30	150	1	0.27	0.25	34	119	121	9.41	40	0.41	10	2.27	605	1
94MOB0014	14	346376	6057140	CHEMEX	0.1	4.87	22	190	1	0.47	0.25	25	168	89	4.76	10	0.78	20	2.00	530	1
94MOB0015	14	346376	6057140	CHEMEX	0.1	5.81	30	300	1	0.44	0.25	22	191	169	5.74	50	0.92	30	2.08	520	0.5
94MOB0016	14	346376	6057140	CHEMEX	0.2	6.46	54	190	2	0.41	0.25	23	181	203	5.85	40	0.71	50	1.67	535	0.5
94MOB0017	14	346376	6057140	CHEMEX	0.2	5.81	52	190	2	0.52	0.25	26	195	212	5.34	20	0.68	40	1.89	580	1
94MOB0018	14	341700	6058450	CHEMEX	0.1	4.60	14	150	1	0.27	0.25	19	149	61	4.83	10	0.57	20	2.06	320	0.5
94MOB0019	14	341700	6058450	CHEMEX	0.1	6.08	20	210	1	0.41	0.25	27	155	283	6.67	20	0.69	20	2.04	530	1
94MOB0021	14	329435	6062695	CHEMEX	0.2	2.94	12	330	1	8.88	0.25	13	109	57	3.61	10	0.95	20	2.33	310	0.5
94MOB0023	14	327902	6053304	CHEMEX	0.1	5.08	4	100	1	0.30	0.25	20	97	140	5.18	10	0.36	10	2.02	400	0.5
94MOB0025	14	330266	6055471	CHEMEX	0.1	5.28	26	140	1	0.19	0.25	24	121	89	5.91	10	0.54	10	1.96	590	1
94MOB0027	14	331190	6057398	CHEMEX	0.2	0.21	1	130	4	14.80	0.25	3	18	104	0.28	120	0.08	10	1.26	65	0.5
94MOB0029	14	329543	6057665	CHEMEX	0.2	4.60	1	210	1	0.48	0.5	18	93	70	6.06	90	0.94	30	1.95	450	0.5
94MOB0031	14	329505	6060160	CHEMEX	0.2	4.67	6	210	1	0.35	0.25	20	116	55	5.26	50	0.84	20	2.23	465	0.5
94MOB0033	14	321482	6055495	CHEMEX	0.2	5.82	326	130	1	0.47	0.25	31	207	217	6.92	30	0.49	10	3.06	595	0.5
94MOB0035	14	322829	6056896	CHEMEX	0.2	5.32	48	340	1	0.39	0.25	26	168	199	6.93	220	1.06	40	2.21	595	0.5
94MOB0037	14	324080	6059044	CHEMEX	0.1	6.24	16	280	1	0.36	0.25	26	177	63	5.92	20	0.83	20	2.50	485	0.5
94MOB0039	14	325814	6060277	CHEMEX	0.1	5.59	16	220	1	0.36	0.25	31	173	100	5.87	70	0.71	40	2.48	370	0.5
94MOB0041	14	322960	6001967	CHEMEX	0.1	5.12	28	170	1	0.29	0.25	26	156	168	6.54	90	0.48	20	2.19	505	1
94MOB0043	14	325254	6052253	CHEMEX	0.1	5.02	28	110	1	0.23	0.25	27	108	89	6.54	20	0.25	10	2.02	415	1
94MOB0045	14	324487	6054263	CHEMEX	0.1	5.06	12	160	1	0.17	0.25	26	118	55	5.92	40	0.62	10	1.93	350	0.5
94MOB0047	14	327049	6058806	CHEMEX	0.1	5.61	28	220	1	0.56	0.25	21	136	87	5.53	90	0.48	10	2.27	380	0.5
94MOB0049	14	332957	6052582	CHEMEX	0.1	4.12	34	250	1	1.02	0.25	29	186	211	5.98	20	1.12	20	2.88	685	0.5
94MOB0052	14	335230	6057295	CHEMEX	0.1	7.52	28	150	1	0.23	0.25	26	105	96	6.27	50	0.39	10	2.19	455	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94JEC0076	0.43	48	1910	2	2	10	50	0.11	75	78
94JEC0077	0.52	51	2030	10	2	12	39	0.11	93	110
94JEC0079	0.32	43	1730	4	2	10	70	0.09	73	68
94JEC0082	0.35	44	1590	4	2	10	45	0.10	72	72
94JEC0084	0.45	58	1890	8	2	14	33	0.16	106	122
94JEC0086	0.50	48	1950	6	2	10	33	0.11	82	76
94JEC0088	0.65	75	2410	4	2	16	17	0.17	115	110
94JEC0090	0.44	32	1860	6	1	7	58	0.10	57	62
94JEC0092	0.57	77	2080	6	2	14	21	0.14	94	112
94JEC0095	0.61	49	2260	6	2	10	33	0.08	71	94
94JEC0097	0.44	31	2070	4	2	7	37	0.10	51	44
94JEC0099	0.49	38	1890	4	2	8	35	0.12	58	64
94JEC0101	0.85	66	2940	2	2	12	30	0.17	82	90
94JEC0103	0.60	52	2410	1	2	9	26	0.15	66	68
94JEC0105	0.54	37	2090	2	4	9	31	0.14	74	72
94JEC0107	0.49	50	2000	1	2	11	31	0.13	80	78
94JEC0109	0.71	58	2340	8	2	13	24	0.14	88	108
94MOB0003	0.39	40	1590	4	2	15	28	0.04	93	76
94MOB0004	0.42	40	1680	6	4	15	26	0.04	95	78
94MOB0005	0.42	40	1550	2	4	16	30	0.04	92	74
94MOB0006	0.49	42	2070	1	4	17	29	0.04	99	74
94MOB0007	0.42	38	1840	2	4	15	30	0.03	89	68
94MOB0008	0.43	35	1750	4	2	14	28	0.03	83	64
94MOB0009	0.49	43	2110	12	2	16	26	0.03	94	70
94MOB0010	0.75	61	3660	14	8	24	19	0.04	131	98
94MOB0011	0.65	74	2670	14	6	35	17	0.06	171	108
94MOB0012	0.60	70	2370	12	6	32	17	0.07	163	108
94MOB0013	0.73	60	2850	10	4	20	15	0.09	175	116
94MOB0014	0.64	76	2430	10	2	13	31	0.21	102	90
94MOB0015	0.82	87	3090	12	1	20	34	0.19	110	102
94MOB0016	1.23	88	7100	14	2	18	27	0.16	97	110
94MOB0017	1.20	99	7710	18	4	16	30	0.15	90	100
94MOB0018	0.55	55	1370	14	1	14	21	0.26	116	114
94MOB0019	1.15	70	3550	16	4	25	24	0.20	151	108
94MOB0021	0.60	37	2270	10	2	11	436	0.17	87	98
94MOB0023	0.49	41	1540	8	1	14	23	0.16	104	98
94MOB0025	0.75	53	2160	18	2	17	22	0.17	124	118
94MOB0027	0.33	4	2290	1	1	1	279	0.01	11	6
94MOB0029	0.73	44	2430	14	4	26	25	0.15	103	112
94MOB0031	0.60	48	1670	12	2	15	25	0.21	109	142
94MOB0033	0.62	73	2170	4	1	24	19	0.21	169	104
94MOB0035	0.79	69	3040	18	4	26	28	0.21	145	124
94MOB0037	0.70	71	2250	12	6	15	35	0.26	135	132
94MOB0039	0.88	74	3210	10	2	15	24	0.17	118	116
94MOB0041	1.14	60	4700	12	2	20	20	0.20	139	134
94MOB0043	0.88	50	2880	10	8	16	15	0.13	121	116
94MOB0045	0.54	71	2380	14	2	14	18	0.09	109	138
94MOB0047	0.66	54	1970	6	1	23	26	0.17	117	132
94MOB0049	0.58	88	2020	16	1	19	29	0.23	147	144
94MOB0052	0.69	55	4350	8	6	14	23	0.12	130	146

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94MOB0054	14	337189	6059359	CHEMEX	0.1	5.76	28	310	1	0.77	0.25	17	138	133	5.12	50	0.35	20	1.79	370	1
94MOB0056	14	337262	6069350	CHEMEX	0.1	6.60	56	220	1	0.52	0.25	39	110	489	5.41	30	0.79	20	1.93	700	1
94MOB0058	14	335854	6067049	CHEMEX	0.1	5.67	30	330	1	0.69	0.25	27	155	319	6.14	10	1.13	30	3.10	640	0.5
94MOB0060	14	337030	6063417	CHEMEX	0.4	6.58	14	260	4	0.70	0.25	16	160	279	5.80	160	0.36	40	1.80	340	11
94MOB0062	14	339531	6060667	CHEMEX	0.2	4.47	6	340	1	2.65	0.25	16	120	84	4.85	50	0.41	30	1.97	360	0.5
94MOB0064	14	339607	6059272	CHEMEX	0.1	4.84	18	210	2	0.65	0.25	19	115	252	5.41	10	0.86	30	2.25	585	0.5
94MOB0066	14	340042	6058391	CHEMEX	0.1	5.95	34	190	1	0.35	0.25	39	314	304	9.21	120	0.50	20	2.90	775	5
94MOB0068	14	339070	6059291	CHEMEX	0.1	5.09	32	330	1	0.59	0.25	22	121	204	6.07	110	0.83	50	2.08	580	1
94MOB0070	14	319987	6047693	CHEMEX	0.1	3.60	44	110	1	3.29	0.25	31	266	118	5.77	80	0.53	20	4.60	625	0.5
94MOB0072	14	321060	6049353	CHEMEX	0.2	2.04	14	280	1	14.80	0.25	10	54	40	2.07	10	0.28	5	1.33	510	0.5
94MOB0074	14	324970	6049541	CHEMEX	0.1	3.95	24	110	1	1.65	0.25	23	43	182	6.36	140	0.78	20	1.93	460	0.5
94MOB0076	14	325919	6048515	CHEMEX	0.1	4.52	54	170	1	0.73	0.25	37	253	234	7.26	220	0.83	10	3.27	415	0.5
94MOB0078	14	327941	6050604	CHEMEX	0.1	5.09	12	210	1	0.30	0.25	22	171	76	5.70	30	0.79	10	2.30	485	1
94MOB0080	14	317960	6049198	CHEMEX	0.1	4.40	50	160	1	0.46	0.25	35	180	189	8.20	330	0.68	20	4.64	395	0.5
94MOB0082	14	316351	6050315	CHEMEX	0.2	4.20	4	210	1	0.39	0.25	22	189	39	5.10	50	1.22	20	3.07	415	0.5
94MOB0084	14	317960	6049198	CHEMEX	0.1	5.63	102	220	1	0.45	0.25	29	150	255	11.10	230	0.53	20	2.36	510	0.5
94MOB0085	14	318053	6051515	CHEMEX	0.1	4.21	24	120	1	0.28	0.25	46	174	72	6.90	40	0.53	10	4.49	655	0.5
94MOB0087	14	318053	6051515	CHEMEX	0.1	5.09	54	130	1	0.23	0.25	41	138	109	8.02	50	0.63	10	2.33	715	0.5
94MOB0089	14	315369	6048714	CHEMEX	0.2	2.60	1	220	2	13.25	0.5	12	106	55	3.01	90	0.69	20	2.31	240	0.5
94MOB0091	14	317913	6047559	CHEMEX	0.2	0.23	1	180	1	14.80	0.25	1	11	111	0.18	110	0.03	5	0.76	80	0.5
94MOB0093	14	318302	6044697	CHEMEX	0.1	3.10	1	260	1	4.87	0.25	14	108	49	3.61	20	0.87	20	2.80	335	0.5
94MOB0095	14	323271	6044687	CHEMEX	0.1	2.51	18	130	1	6.11	0.25	20	85	74	4.80	30	0.45	10	1.67	230	0.5
94MOB0097	14	321005	6042919	CHEMEX	0.1	4.83	20	270	1	0.36	0.25	22	151	103	5.98	50	1.10	20	2.31	425	0.5
94MOB0099	14	321121	6039913	CHEMEX	0.1	4.25	6	200	1	4.59	0.25	24	111	87	6.14	90	0.65	10	2.92	405	0.5
94MOB0101	14	323995	6038749	CHEMEX	0.1	4.70	6	310	1	0.43	0.25	23	158	94	5.89	20	1.17	30	2.61	510	0.5
94MOB0103	14	326906	6041360	CHEMEX	0.1	3.69	8	220	1	7.00	0.25	26	121	154	4.94	40	0.95	10	2.87	510	0.5
94MOB0105	14	333504	6045446	CHEMEX	0.1	3.42	2	140	1	9.45	0.5	25	125	194	4.79	70	0.53	10	2.90	405	0.5
94MOB0107	14	338534	6048265	CHEMEX	0.1	5.93	26	210	1	0.45	0.25	29	132	191	5.29	10	0.90	20	1.97	650	0.5
94MOB0109	14	332355	6059628	CHEMEX	0.1	4.34	8	150	1	0.38	0.25	24	136	57	5.00	10	0.85	10	2.15	455	0.5
94MOB0111	14	332225	6058550	CHEMEX	0.1	3.34	12	280	1	2.91	0.25	20	124	118	4.35	100	1.09	20	2.30	460	0.5
94MOB0113	14	367456	6045691	CHEMEX	0.1	2.09	2	120	2	9.69	0.25	12	64	60	2.44	30	0.41	10	7.80	375	0.5
94MOB0115	14	396575	6058046	CHEMEX	0.1	5.57	6	130	1	0.28	0.25	19	115	55	4.99	10	0.25	10	1.80	325	0.5
94MOB0117	14	397692	6055918	CHEMEX	0.1	6.93	14	100	1	0.18	0.25	25	93	154	5.18	90	0.32	10	1.30	270	2
94MOB0119	14	394770	6052089	CHEMEX	0.1	5.40	18	90	1	0.19	0.25	24	122	91	6.37	20	0.42	10	2.45	445	0.5
94MOB0121	14	399882	6054354	CHEMEX	0.1	4.81	2	120	2	0.19	0.25	17	111	63	4.73	10	0.36	20	1.65	305	0.5
94MOB0123	14	403379	6052640	CHEMEX	0.1	1.28	6	140	1	14.80	0.25	10	38	88	1.70	50	0.31	10	1.73	155	0.5
94MOB0125	14	358203	6040186	CHEMEX	0.1	2.00	1	140	1	10.20	0.5	10	81	55	2.40	20	0.57	10	7.32	370	0.5
94MOB0127	14	431255	6061530	CHEMEX	0.1	4.95	30	200	6	0.35	0.25	22	145	66	5.58	10	0.63	20	2.12	335	0.5
94MOB0129	14	432449	6065963	CHEMEX	0.1	5.12	78	220	1	0.41	0.25	33	104	94	5.98	20	0.64	20	2.10	575	1
94MOB0131	14	428408	6060430	CHEMEX	0.2	5.90	244	240	1	0.24	0.25	28	106	291	7.03	610	1.09	30	2.02	495	6
94MOB0133	14	424303	6055921	CHEMEX	0.1	5.68	12	170	6	0.28	0.25	18	138	59	4.94	20	0.40	20	1.95	290	0.5
94MOB0135	14	415676	6064452	CHEMEX	0.1	5.79	1	480	4	0.24	0.25	26	219	120	6.43	30	1.62	10	2.78	300	0.5
94MOB0137	14	412909	6067596	CHEMEX	0.1	7.02	1	180	2	0.19	0.25	18	126	80	5.29	10	0.62	10	1.56	245	1
94MOB0139	14	411369	6061072	CHEMEX	0.1	5.10	10	240	2	0.28	0.25	24	148	60	5.30	10	0.86	20	2.25	405	0.5
94MOB0141	14	399959	6066752	CHEMEX	0.1	5.23	4	130	4	0.36	0.25	21	130	67	5.75	30	0.51	20	2.05	440	0.5
94MOB0143A	14	392790	6060948	CHEMEX	0.1	4.96	8	210	1	0.45	0.25	23	114	211	5.41	40	0.80	30	1.96	470	0.5
94MOB0143B	14	392790	6060948	CHEMEX	0.1	5.11	8	140	1	0.34	0.25	20	126	70	5.66	10	0.50	20	1.99	425	0.5
94MOB0145	14	390152	6054116	CHEMEX	0.1	5.85	22	160	1	0.26	0.25	21	130	80	5.77	20	0.61	20	1.81	340	1
94MOB0147	14	385914	6063961	CHEMEX	0.2	6.86	18	100	1	0.29	0.25	26	143	163	6.90	10	0.29	20	1.75	380	2
94MOB0149	14	382327	6062352	CHEMEX	0.2	1.85	16	290	1	15.00	0.25	15	153	87	2.46	30	0.49	5	1.78	415	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0054	0.77	53	2530	14	1	18	31	0.19	117	138
94MOB0056	0.79	78	5670	18	2	22	24	0.16	107	154
94MOB0058	0.81	73	3340	12	6	27	37	0.08	150	132
94MOB0060	0.85	50	4020	12	1	30	31	0.21	125	98
94MOB0062	0.74	43	2610	10	2	15	41	0.19	96	96
94MOB0064	0.67	56	2990	8	2	20	53	0.18	105	120
94MOB0066	0.80	146	4410	22	4	28	18	0.14	152	82
94MOB0068	0.89	53	2520	6	4	22	43	0.18	120	112
94MOB0070	0.45	188	2110	6	1	24	65	0.09	98	82
94MOB0072	0.54	18	3350	6	2	6	326	0.04	35	40
94MOB0074	0.54	31	2510	8	4	34	32	0.01	89	76
94MOB0076	0.52	102	2200	8	4	24	23	0.10	146	120
94MOB0078	0.52	69	1840	8	1	15	25	0.18	125	108
94MOB0080	0.60	366	2680	1	4	32	21	0.08	117	94
94MOB0082	0.58	101	2290	8	1	14	26	0.26	119	134
94MOB0084	0.55	81	2920	12	8	33	25	0.13	151	98
94MOB0085	0.74	181	3010	2	4	15	14	0.10	115	118
94MOB0087	0.53	67	2210	4	6	16	15	0.16	129	98
94MOB0089	0.40	51	1670	4	2	10	89	0.11	63	68
94MOB0091	0.37	9	2340	1	1	1	91	0.00	5	12
94MOB0093	0.47	43	1580	6	1	11	65	0.17	94	104
94MOB0095	0.49	46	1860	6	2	10	27	0.10	76	88
94MOB0097	0.54	66	1720	10	4	22	27	0.20	126	124
94MOB0099	0.53	53	2180	4	4	20	98	0.09	128	104
94MOB0101	0.55	66	1520	6	1	19	32	0.26	143	142
94MOB0103	0.49	51	2110	8	1	17	117	0.15	113	108
94MOB0105	0.57	54	3130	6	4	16	48	0.03	103	66
94MOB0107	0.87	68	4530	6	1	15	21	0.08	116	106
94MOB0109	0.74	63	3730	6	2	13	21	0.19	119	108
94MOB0111	0.71	49	2570	6	2	14	39	0.10	105	116
94MOB0113	0.35	41	1910	4	1	7	26	0.06	56	42
94MOB0115	0.72	47	4280	14	1	12	14	0.22	101	128
94MOB0117	0.88	53	7970	12	1	12	12	0.14	99	80
94MOB0119	0.75	44	3130	6	4	17	11	0.13	152	118
94MOB0121	0.54	45	2060	10	1	13	21	0.17	95	84
94MOB0123	0.31	29	1950	2	4	3	183	0.04	29	48
94MOB0125	0.32	32	1560	1	1	7	33	0.09	55	60
94MOB0127	0.59	67	1670	16	1	14	25	0.27	118	134
94MOB0129	0.59	62	1920	22	1	12	24	0.18	109	120
94MOB0131	0.68	103	2690	18	2	20	24	0.15	141	170
94MOB0133	0.65	53	2330	2	1	13	21	0.23	109	112
94MOB0135	0.57	78	1140	8	1	18	23	0.49	185	156
94MOB0137	0.50	52	4310	4	1	13	11	0.25	119	88
94MOB0139	0.57	66	1540	8	1	14	21	0.29	125	124
94MOB0141	0.64	50	2380	6	1	14	18	0.25	124	118
94MOB0143A	0.73	62	2050	6	1	16	24	0.22	121	106
94MOB0143B	0.59	48	1720	8	1	14	18	0.26	123	116
94MOB0145	0.69	52	2010	2	1	13	20	0.22	114	118
94MOB0147	0.74	54	3450	2	1	15	10	0.26	150	88
94MOB0149	0.48	104	2250	4	4	9	720	0.09	58	44

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94MOB0151	14	363892	6058168	CHEMEX	0.1	4.72	22	150	1	0.38	0.25	23	162	69	5.34	30	0.21	20	1.84	330	1
94MOB0153	14	360393	6062760	CHEMEX	0.2	4.43	16	150	1	0.45	0.25	23	185	37	4.66	10	0.80	20	2.06	365	0.5
94MOB0155	14	363738	6067328	CHEMEX	0.2	5.05	8	250	1	0.38	0.25	24	132	43	5.36	10	1.09	30	1.86	485	0.5
94MOB0157	14	367152	6067196	CHEMEX	0.2	6.66	22	120	1	0.20	0.25	21	117	81	4.71	50	0.21	20	1.31	250	2
94MOB0159	14	353032	6062312	CHEMEX	0.2	3.75	30	250	1	0.77	0.25	23	130	205	5.82	260	0.88	70	1.94	510	0.5
94MOB0161	14	352304	6058686	CHEMEX	0.1	4.65	12	120	1	0.33	0.25	23	91	115	3.52	100	0.19	30	0.98	220	3
94MOB0163	14	355163	6069513	CHEMEX	0.2	6.19	28	130	1	0.18	0.25	23	124	65	4.91	10	0.24	20	1.55	330	1
94MOB0165	14	363867	6072799	CHEMEX	0.2	5.92	32	220	1	0.60	0.25	26	133	235	5.51	20	0.62	30	1.82	520	3
94MOB0167	14	367904	6075122	CHEMEX	0.2	5.09	12	230	1	0.30	0.25	24	126	56	5.03	30	1.10	20	1.70	525	0.5
94MOB0169	14	396119	6010305	CHEMEX	0.1	2.37	8	150	1	9.13	0.25	10	72	63	2.73	20	0.66	5	5.57	270	0.5
94MOB0170	14	396119	6010305	CHEMEX	0.1	2.31	16	140	1	9.09	0.25	11	69	63	2.64	20	0.64	5	5.54	275	0.5
94MOB0171	14	396119	6010305	CHEMEX	0.1	2.56	20	160	1	8.81	0.25	11	75	70	2.84	20	0.71	5	5.52	295	0.5
94MOB0172	14	396119	6010305	CHEMEX	0.1	2.49	14	170	1	8.38	0.25	11	71	64	2.77	10	0.69	5	5.22	280	0.5
94MOB0173	14	396119	6010305	CHEMEX	0.1	2.48	12	170	1	8.35	0.25	11	70	65	2.75	30	0.69	5	5.18	285	0.5
94MOB0174	14	396119	6010305	CHEMEX	0.1	2.54	18	170	1	8.60	0.25	11	72	69	2.82	20	0.69	5	5.29	290	0.5
94MOB0175	14	396119	6010305	CHEMEX	0.1	2.56	8	170	1	8.72	0.25	11	74	67	2.79	10	0.71	5	5.41	290	0.5
94MOB0176	14	396119	6010305	CHEMEX	0.1	1.70	1	110	1	11.00	0.25	8	57	43	1.93	10	0.46	5	6.15	235	0.5
94MOB0177	14	396119	6010305	CHEMEX	0.1	1.68	1	110	1	12.10	0.25	8	58	42	1.83	20	0.40	5	6.14	240	0.5
94MOB0178	14	396119	6010305	CHEMEX	0.1	1.92	6	130	1	11.25	0.25	9	60	54	2.14	10	0.49	5	5.85	245	0.5
94MOB0179	14	396119	6010305	CHEMEX	0.1	1.88	16	130	1	11.35	0.25	9	62	51	2.16	20	0.45	5	5.65	255	0.5
94MOB0180	14	396119	6010305	CHEMEX	0.2	1.87	12	130	1	15.00	0.25	9	61	50	2.07	30	0.43	5	5.61	260	0.5
94MOB0181	14	396119	6010305	CHEMEX	0.1	1.62	6	130	1	15.00	0.25	10	53	42	1.77	10	0.33	5	4.89	220	0.5
94MOB0182	14	396119	6010305	CHEMEX	0.1	1.72	1	110	1	15.00	0.25	9	59	26	1.75	30	0.30	5	4.94	225	0.5
94MOB0183	14	396119	6010305	CHEMEX	0.1	1.56	2	110	1	15.00	0.25	9	51	31	1.65	30	0.29	5	4.75	210	0.5
94MOB0184	14	396119	6010305	CHEMEX	0.1	2.44	4	110	1	8.99	0.25	11	75	25	2.11	10	0.27	5	4.71	280	0.5
94MOB0185	14	331092	6059922	CHEMEX	0.2	1.60	8	290	1	15.00	0.25	12	47	81	2.07	50	0.23	5	1.79	225	0.5
94MOB0186	14	327426	6063495	CHEMEX	0.4	4.46	26	350	1	0.97	0.25	21	133	105	6.09	110	0.71	60	1.89	510	0.5
94MOB0188	14	328507	6066487	CHEMEX	0.4	6.27	30	100	1	0.35	0.25	24	184	139	5.36	30	0.14	20	2.02	380	1
94MOB0190	14	329474	6069792	CHEMEX	0.2	6.90	48	80	1	0.19	0.25	30	304	178	6.61	50	0.16	20	2.08	475	1
94MOB0192	14	347476	6066023	CHEMEX	0.1	4.03	1	150	1	0.34	0.25	17	116	41	4.55	10	0.62	20	1.63	415	1
94MOB0194	14	356062	6065184	CHEMEX	0.1	5.18	1	140	1	0.23	0.25	18	116	73	4.82	20	0.39	20	1.59	360	1
94MOB0196	14	351846	6067672	CHEMEX	0.1	6.67	4	140	1	0.22	0.25	21	139	67	4.93	20	0.31	20	1.75	300	3
94MOB0198	14	343787	6070697	CHEMEX	0.1	5.40	1	120	1	0.25	0.25	15	95	33	3.68	20	0.22	30	1.28	225	1
94MOB0200	14	351416	6076905	CHEMEX	0.1	4.79	1	220	1	0.30	0.25	21	149	35	5.06	10	0.64	30	1.83	365	1
94MOB0202	14	356252	6074489	CHEMEX	0.1	5.71	20	160	1	0.48	0.25	32	126	181	5.67	30	0.54	30	1.58	530	1
94MOB0204	14	358265	6079406	CHEMEX	0.1	4.08	14	50	1	0.09	0.25	8	57	80	3.13	150	0.10	10	0.52	125	2
94MOB0246	14	320049	6034199	CHEMEX	0.4	3.87	14	240	1	3.51	0.25	23	132	121	5.16	60	0.78	10	2.33	490	0.5
94MOB0248	14	313667	6027275	CHEMEX	0.4	4.39	22	290	1	1.50	0.25	20	134	78	5.04	30	0.78	40	2.31	405	0.5
94MOB0249	14	313667	6027275	CHEMEX	0.2	4.08	16	270	1	1.47	0.25	19	126	70	4.72	40	0.72	30	2.21	385	0.5
94MOB0251	14	308569	6021172	CHEMEX	0.4	5.10	8	280	1	0.46	0.25	19	128	86	5.46	50	0.48	40	1.94	360	0.5
94MOB0253	14	309340	6006131	CHEMEX	0.4	3.26	6	130	1	5.52	0.25	19	152	79	3.97	30	0.59	5	4.47	405	0.5
94MOB0255	14	308809	5995940	CHEMEX	0.4	4.79	14	280	1	0.76	0.25	18	117	67	5.06	30	0.98	40	1.96	355	0.5
94MOB0257	14	314646	5995826	CHEMEX	0.2	2.61	14	130	1	8.40	0.25	14	99	59	3.27	50	0.54	5	4.46	335	0.5
94MOB0261	13	696036	5994564	CHEMEX	0.6	2.99	6	130	1	3.98	0.25	18	98	53	4.01	80	0.65	5	3.55	385	0.5
94MOB0263	13	685828	5988542	CHEMEX	0.4	3.20	12	140	1	4.41	0.25	17	116	67	4.05	70	0.62	5	4.07	305	0.5
94MOB0265	13	684094	6005059	CHEMEX	0.4	2.88	6	270	1	7.52	0.25	14	110	47	3.39	20	0.85	5	2.18	290	0.5
94MOB0267	13	676437	6002532	CHEMEX	0.2	2.44	6	140	1	8.33	0.25	19	116	49	3.36	30	0.67	5	5.27	480	0.5
94MOB0269	14	307854	6028723	CHEMEX	0.4	2.71	22	130	1	8.97	0.25	22	105	107	4.00	80	0.42	5	2.71	365	0.5
94MOB0271	14	307854	6028723	CHEMEX	1.0	4.67	48	180	1	0.31	0.25	29	148	171	7.88	90	0.73	40	2.08	665	1
94MOB0272	13	669396	6026432	CHEMEX	0.6	5.91	26	350	1	0.71	0.25	20	141	64	5.53	60	0.84	40	2.19	370	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0151	0.67	71	3050	2	1	11	24	0.22	114	90
94MOB0153	0.55	103	3710	2	2	11	27	0.09	84	92
94MOB0155	0.50	61	2000	8	1	13	28	0.25	105	124
94MOB0157	0.76	50	5080	2	2	10	15	0.20	85	86
94MOB0159	0.99	63	3380	6	1	20	34	0.22	109	112
94MOB0161	1.02	175	7550	4	1	8	20	0.15	62	60
94MOB0163	0.53	49	2300	6	2	11	18	0.22	99	90
94MOB0165	0.68	126	2850	4	2	21	34	0.25	104	1100
94MOB0167	0.46	55	1920	6	2	13	21	0.26	101	116
94MOB0169	0.44	36	2270	1	2	8	35	0.11	53	68
94MOB0170	0.43	35	2290	1	2	7	30	0.11	53	68
94MOB0171	0.43	38	2010	1	2	8	28	0.12	59	74
94MOB0172	0.42	34	2150	1	4	8	26	0.12	57	72
94MOB0173	0.43	32	2100	2	2	8	26	0.12	56	72
94MOB0174	0.39	36	1590	2	2	8	26	0.12	58	74
94MOB0175	0.43	34	1870	1	1	8	27	0.12	59	72
94MOB0176	0.33	29	1580	1	2	5	41	0.08	40	48
94MOB0177	0.37	30	1760	1	2	5	42	0.08	38	44
94MOB0178	0.38	28	1880	1	2	6	29	0.10	46	56
94MOB0179	0.37	29	1660	2	4	6	31	0.10	47	52
94MOB0180	0.41	29	2040	2	4	6	34	0.10	45	50
94MOB0181	0.39	28	1960	1	2	5	33	0.08	37	42
94MOB0182	0.38	28	1950	1	2	5	32	0.08	34	38
94MOB0183	0.36	24	1920	4	2	4	34	0.08	32	36
94MOB0184	1.15	36	8660	1	2	6	26	0.07	41	48
94MOB0185	0.83	21	6910	4	2	7	188	0.03	39	44
94MOB0186	1.03	51	5230	2	2	19	39	0.16	81	100
94MOB0188	0.91	59	5620	4	4	14	17	0.17	114	114
94MOB0190	0.75	81	3830	4	1	17	15	0.22	130	100
94MOB0192	0.49	47	1840	8	1	12	19	0.23	92	102
94MOB0194	0.53	53	1750	2	1	11	20	0.19	90	94
94MOB0196	0.44	53	2050	2	1	14	18	0.23	97	102
94MOB0198	0.67	40	3620	1	1	9	16	0.15	69	76
94MOB0200	0.62	55	2240	4	1	15	20	0.31	109	114
94MOB0202	0.9	65	6500	2	1	14	29	0.12	106	96
94MOB0204	0.54	23	6140	2	1	7	5	0.13	58	42
94MOB0246	0.56	58	1910	4	4	15	47	0.16	103	112
94MOB0248	0.53	59	2140	10	2	14	34	0.16	103	122
94MOB0249	0.47	57	1740	8	2	13	31	0.17	97	116
94MOB0251	0.67	58	2950	6	1	16	30	0.15	108	124
94MOB0253	0.47	63	1850	1	4	11	32	0.09	74	76
94MOB0255	0.58	59	3340	10	1	14	40	0.12	100	118
94MOB0257	0.29	39	1570	2	2	10	41	0.10	67	66
94MOB0261	0.39	50	1870	4	1	11	57	0.09	78	78
94MOB0263	0.43	54	1730	4	1	12	31	0.11	80	82
94MOB0265	0.40	42	1770	8	2	10	72	0.16	79	92
94MOB0267	0.27	47	1410	1	2	10	47	0.11	71	76
94MOB0269	0.35	51	1770	4	2	11	41	0.07	69	80
94MOB0271	0.64	78	3020	2	4	21	19	0.10	122	124
94MOB0272	0.87	69	5590	4	6	15	32	0.13	108	130

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94MOB0274	13	674103	6023359	CHEMEX	0.4	2.62	20	150	1	11.80	0.25	15	98	81	3.33	30	0.48	5	4.47	385	0.5
94MOB0276	13	668239	6007176	CHEMEX	0.2	2.91	1	160	1	11.00	0.25	15	101	69	3.05	50	0.31	5	3.74	280	0.5
94MOB0278	13	671761	5992455	CHEMEX	0.2	2.87	8	140	1	8.29	0.25	16	106	69	3.49	70	0.55	5	4.13	335	0.5
94MOB0281	13	650988	6001536	CHEMEX	0.1	1.86	18	80	1	13.60	0.25	11	73	54	2.53	20	0.26	5	4.41	255	0.5
94MOB0283	13	657696	6039254	CHEMEX	0.4	4.08	20	290	1	4.56	0.25	19	148	74	4.53	30	0.83	5	2.54	345	0.5
94MOB0285	13	643381	6037359	CHEMEX	0.2	3.86	14	310	1	4.19	0.25	18	211	85	4.51	40	0.97	10	4.25	380	0.5
94MOB0287	13	632785	6031223	CHEMEX	0.6	5.44	20	130	1	1.21	0.25	17	154	40	3.59	150	0.41	40	1.96	250	0.5
94MOB0289	13	640262	6011466	CHEMEX	0.2	2.44	6	190	1	8.47	0.25	12	95	56	2.77	60	0.55	5	5.15	230	0.5
94MOB0291	13	634430	6003313	CHEMEX	0.2	2.79	4	250	1	7.91	0.25	14	119	53	3.39	30	0.85	5	3.83	285	0.5
94MOB0293	13	642858	5998989	CHEMEX	0.2	2.33	12	180	1	15.00	0.25	11	85	42	2.51	40	0.37	5	3.88	220	0.5
94MOB0295	13	667900	6017435	CHEMEX	0.2	2.16	8	90	1	12.75	0.5	12	72	64	2.65	40	0.27	5	5.26	325	0.5
94MOB0297	14	310417	6036910	CHEMEX	0.4	4.80	26	200	1	0.28	0.25	27	156	90	6.51	90	0.82	20	2.22	650	0.5
94MOB0299	14	310417	6036910	CHEMEX	0.6	4.99	32	240	1	0.32	0.25	26	158	131	6.90	70	0.81	30	2.20	545	1
94MOB0300	13	688194	6021564	CHEMEX	0.4	2.20	14	130	1	15.00	0.25	15	86	90	3.01	80	0.37	5	4.00	315	0.5
94MOB0302	13	690765	6014986	CHEMEX	0.4	3.04	28	160	1	7.20	0.25	21	107	123	4.51	110	0.59	5	3.17	405	0.5
94MOB0305	13	652458	6026146	CHEMEX	0.4	4.78	22	330	1	2.36	0.25	26	193	105	5.82	60	1.66	20	3.47	505	0.5
94MOB0307	13	640611	6020756	CHEMEX	0.2	1.62	2	160	1	15.00	0.25	10	82	27	1.95	50	0.55	5	3.41	185	0.5
94MOB0309	13	648250	6023873	CHEMEX	0.4	4.63	12	420	1	2.08	0.25	27	197	158	5.66	50	1.78	20	3.33	485	0.5
94MOB0311	13	662300	6040000	CHEMEX	0.4	3.28	12	290	1	5.61	0.25	18	143	75	4.14	30	1.02	5	3.60	410	0.5
94MOB0313	13	660246	6047170	CHEMEX	0.2	2.93	12	190	1	5.87	0.25	18	107	65	3.22	20	0.59	5	4.45	395	0.5
94MOB0315	13	652354	6047611	CHEMEX	0.4	5.09	20	280	1	2.32	0.25	25	209	158	5.77	70	0.76	20	3.41	420	0.5
94MOB0317	13	639321	6042862	CHEMEX	0.4	5.43	16	250	1	0.30	0.25	21	240	31	4.71	50	1.12	30	2.09	325	0.5
94MOB0319	13	640786	6047269	CHEMEX	0.4	3.74	2	300	1	0.82	0.25	22	221	65	5.06	30	1.49	40	2.47	390	1
94MOB0321	13	630962	6043820	CHEMEX	0.2	2.35	6	230	1	10.90	0.25	16	110	89	3.68	30	0.69	5	2.53	310	0.5
94MOB0323	13	631346	6037986	CHEMEX	0.1	1.95	1	160	1	15.00	0.25	10	89	46	2.19	10	0.31	5	1.73	165	0.5
94MOB0325	13	633126	6049760	CHEMEX	0.2	3.75	6	240	1	2.95	0.25	21	221	125	4.57	40	0.76	10	2.99	350	0.5
94MOB0327	14	351971	6001502	CHEMEX	0.2	2.60	10	150	1	7.35	0.25	13	77	47	3.01	50	0.63	5	5.18	325	0.5
94MOB0328	14	351859	6001413	CHEMEX	0.2	2.66	6	160	1	8.08	0.25	13	82	51	3.26	40	0.72	5	5.02	345	0.5
94MOB0329	14	351859	6001413	CHEMEX	0.4	2.91	6	170	1	6.46	0.25	14	95	55	3.38	60	0.75	5	5.07	365	0.5
94MOB0330	14	351709	6001263	CHEMEX	0.2	2.66	4	160	1	6.72	0.25	13	88	47	3.24	50	0.68	5	4.73	330	0.5
94MOB0331	14	351709	6001263	CHEMEX	0.4	2.86	6	170	1	5.60	0.25	13	86	50	3.34	50	0.63	5	4.47	320	0.5
94MOB0332	14	351245	6000938	CHEMEX	0.2	2.68	8	200	1	5.81	0.25	13	91	41	3.14	20	0.65	5	4.18	385	0.5
94MOB0338	14	345525	6011531	CHEMEX	0.4	3.31	4	250	1	3.77	0.25	17	118	54	4.14	20	1.00	10	3.47	425	0.5
94MOB0340	14	345154	6011492	CHEMEX	0.2	2.01	2	100	1	9.02	0.25	8	56	23	2.07	60	0.47	5	4.45	245	0.5
94MOB0341	14	345154	6011492	CHEMEX	0.2	1.83	1	110	1	8.79	0.25	9	56	25	2.19	60	0.46	5	4.23	355	0.5
94MOB0342	14	345154	6011492	CHEMEX	0.6	3.74	12	320	1	2.84	0.25	20	127	52	4.53	20	1.23	20	2.77	460	0.5
94MOB0343	14	345154	6011492	CHEMEX	0.4	3.87	2	320	1	3.21	0.25	19	136	61	4.77	10	1.25	20	3.33	475	0.5
94MOB0344	14	345154	6011492	CHEMEX	0.6	4.21	14	340	1	2.48	0.25	20	124	88	5.17	20	1.37	20	2.72	465	0.5
94MOB0345	14	345154	6011492	CHEMEX	0.8	4.52	14	350	1	1.47	0.25	22	124	102	5.73	10	1.48	30	2.40	495	0.5
94MOB0346	14	345154	6011492	CHEMEX	0.6	3.72	16	290	1	3.09	0.25	18	123	58	4.52	20	1.09	20	2.76	430	0.5
94MOB0347	14	345154	6011492	CHEMEX	0.4	4.18	16	320	1	1.93	0.25	22	126	86	5.31	30	1.33	30	2.60	505	0.5
94MOB0348	14	344400	6011400	CHEMEX	0.2	2.17	2	110	1	6.10	0.25	13	65	32	2.77	80	0.51	5	4.13	380	0.5
94MOB1000	14	331357	6063662	CHEMEX	0.8	4.30	32	250	1	0.71	0.25	16	108	94	5.00	60	0.62	50	1.80	395	0.5
94MOB1002	14	329693	6064879	CHEMEX	0.8	4.63	30	90	1	0.28	0.25	24	118	127	6.60	70	0.36	20	2.41	560	0.5
94MOB1004	14	330937	6066967	CHEMEX	1.2	7.16	56	80	1	0.11	0.25	30	69	276	8.79	20	0.17	10	2.95	570	3
94MOB1006	14	332518	6068536	CHEMEX	0.8	5.33	26	180	1	0.14	0.25	19	94	69	6.14	30	0.53	10	1.79	535	1
94MOB1008	14	332238	6069839	CHEMEX	0.6	5.66	16	170	1	0.18	0.25	20	96	206	4.45	110	0.33	20	1.48	265	1
94MOB1010	14	330650	6069102	CHEMEX	0.6	4.31	32	130	1	0.18	0.25	25	91	131	5.56	10	0.61	10	1.52	495	1
94MOB1012	14	333284	6054643	CHEMEX	0.6	6.41	122	140	1	0.27	0.25	24	106	80	5.38	40	0.40	20	1.58	455	1
94MOB1014	14	335003	6050558	CHEMEX	0.8	5.20	128	120	1	0.43	0.25	44	154	337	6.48	40	0.40	30	2.03	985	1

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB0274	0.45	39	2140	6	4	9	40	0.10	64	70
94MOB0276	0.33	43	2050	4	2	10	38	0.07	64	68
94MOB0278	0.37	46	2060	1	6	10	40	0.10	73	68
94MOB0281	0.34	28	1570	1	2	7	32	0.07	50	40
94MOB0283	0.71	56	2740	2	4	13	26	0.20	101	108
94MOB0285	0.69	74	2750	2	4	13	17	0.22	90	98
94MOB0287	1.66	56	8860	6	4	13	33	0.09	77	106
94MOB0289	0.49	37	1520	1	2	8	21	0.15	66	60
94MOB0291	0.37	43	1580	4	4	10	43	0.17	79	82
94MOB0293	0.37	32	1930	1	4	7	44	0.11	59	54
94MOB0295	0.33	31	1790	1	4	8	29	0.06	47	50
94MOB0297	0.46	66	1490	4	1	17	19	0.19	122	108
94MOB0299	0.39	68	1710	2	1	21	23	0.19	129	108
94MOB0300	0.35	37	1810	2	2	8	39	0.08	55	54
94MOB0302	0.48	44	1790	1	2	12	49	0.11	82	86
94MOB0305	0.64	79	2970	2	2	17	16	0.25	127	130
94MOB0307	0.37	28	2220	1	2	6	99	0.09	39	42
94MOB0309	0.59	85	2220	2	1	17	15	0.30	137	140
94MOB0311	0.46	50	1720	2	2	12	26	0.18	92	90
94MOB0313	0.52	47	1870	1	1	10	19	0.14	68	70
94MOB0315	0.79	78	2980	2	1	17	14	0.22	125	112
94MOB0317	0.72	82	2790	1	1	14	20	0.23	93	124
94MOB0319	0.57	80	2120	2	1	14	26	0.27	111	116
94MOB0321	0.49	44	2500	4	1	9	70	0.14	58	62
94MOB0323	0.46	32	2390	4	1	6	49	0.09	42	48
94MOB0325	0.61	83	3310	1	1	14	23	0.18	93	84
94MOB0327	0.38	36	1680	2	2	9	40	0.11	58	72
94MOB0328	0.36	38	1620	4	2	9	44	0.13	64	82
94MOB0329	0.43	40	1790	2	1	9	35	0.14	67	82
94MOB0330	0.43	36	1610	2	2	9	41	0.13	64	80
94MOB0331	0.42	38	1700	4	2	9	35	0.13	64	78
94MOB0332	0.35	37	1480	2	2	9	34	0.13	71	82
94MOB0338	0.41	46	1540	2	2	12	34	0.17	91	110
94MOB0340	0.24	27	1450	4	2	7	65	0.06	44	48
94MOB0341	0.28	24	1720	4	1	7	72	0.07	45	52
94MOB0342	0.44	54	1610	8	4	13	41	0.19	103	126
94MOB0343	0.46	53	1580	6	1	14	34	0.21	107	128
94MOB0344	0.48	50	1810	2	4	15	32	0.23	110	142
94MOB0345	0.50	52	1790	4	4	17	27	0.26	121	152
94MOB0346	0.42	48	1570	2	2	13	37	0.19	102	116
94MOB0347	0.53	53	1760	4	1	15	28	0.23	111	140
94MOB0348	0.34	33	1440	2	2	8	59	0.07	51	58
94MOB1000	0.58	51	2720	6	1	14	34	0.19	81	114
94MOB1002	0.70	39	3590	1	1	17	10	0.16	119	118
94MOB1004	0.59	27	3640	1	6	19	6	0.06	133	156
94MOB1006	0.77	37	2740	1	2	12	11	0.12	91	140
94MOB1008	0.80	40	5770	6	2	13	10	0.13	70	128
94MOB1010	0.47	38	2660	1	1	10	12	0.16	81	104
94MOB1012	0.64	56	2390	6	4	10	23	0.14	106	102
94MOB1014	0.52	82	4610	12	2	21	24	0.14	113	120

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94MOB1017	14	337791	6051633	CHEMEX	0.4	1.79	30	200	1	15.00	0.25	20	104	183	3.58	70	0.21	5	1.54	325	1
94MOB1019	14	330716	6052232	CHEMEX	0.2	1.16	4	180	1	15.00	0.25	9	53	101	1.49	70	0.12	5	1.69	185	0.5
94MOB1023	14	338282	6061856	CHEMEX	0.1	5.48	30	200	1	0.23	0.25	20	149	52	5.20	30	0.30	20	1.66	295	0.5
94MOB1025	14	342683	6063124	CHEMEX	0.1	7.92	54	190	1	0.36	0.25	22	148	137	6.54	50	0.19	60	1.47	335	1
94MOB1027	14	330716	6052232	CHEMEX	0.1	1.32	2	190	1	15.00	0.25	10	62	88	1.61	60	0.13	5	1.69	175	0.5
94MOB1028	14	330716	6052232	CHEMEX	0.2	5.36	26	250	1	0.50	0.25	27	157	62	6.33	20	0.77	30	2.04	350	0.5
94MOB1029	14	330716	6052232	CHEMEX	0.1	1.70	12	170	1	15.00	0.25	12	69	87	2.21	50	0.19	5	2.19	190	0.5
94MOB1030	14	330716	6052232	CHEMEX	0.1	1.49	6	170	1	15.00	0.25	11	63	110	1.79	70	0.16	5	1.74	160	0.5
94MOB1031	14	330716	6052232	CHEMEX	0.1	4.46	24	240	1	0.37	0.25	25	133	36	5.20	10	1.06	20	1.79	410	1
94MOB1032	14	330716	6052232	CHEMEX	0.1	4.14	28	180	1	0.23	0.25	25	131	29	4.73	10	0.76	10	1.55	355	1
94MOB1033	14	330716	6052232	CHEMEX	0.2	3.91	32	190	1	1.19	0.25	27	157	162	5.93	240	0.65	30	2.10	400	0.5
94MOB1034	14	330716	6052232	CHEMEX	0.1	3.94	20	150	1	2.35	0.25	30	178	203	6.44	410	0.45	20	2.50	395	0.5
94MOB1034B	14	330716	6052232	CHEMEX	0.1	1.87	12	180	1	15.00	0.25	14	87	147	2.55	160	0.19	5	2.03	265	0.5
94MOB1035	14	341811	6053038	CHEMEX	0.1	5.84	28	320	1	0.47	0.25	22	144	257	5.76	30	0.56	30	1.84	380	0.5
94MOB1037	14	343656	6052882	CHEMEX	0.1	5.06	16	100	1	0.42	0.25	37	204	330	6.39	30	0.55	20	3.57	575	0.5
94MOB1039	14	343123	6048878	CHEMEX	0.1	4.95	24	260	1	0.52	0.25	25	155	226	6.85	40	0.61	70	2.10	335	0.5
94MOB1041	14	339491	6049902	CHEMEX	0.2	5.92	20	190	1	0.45	0.25	27	163	193	5.82	30	0.45	20	2.48	410	1
94MOB1045	14	413033	6054454	CHEMEX	0.1	4.91	28	250	1	0.48	0.25	33	117	76	5.95	10	1.17	20	2.17	470	0.5
94MOB1047	14	417193	6056386	CHEMEX	0.1	5.77	28	110	1	0.23	0.25	19	114	71	4.27	50	0.41	20	1.31	270	3
94MOB1049	14	417981	6058288	CHEMEX	0.1	5.99	20	100	1	0.20	0.25	19	108	71	4.60	80	0.38	20	1.25	280	3
94MOB1052	14	414489	6059404	CHEMEX	0.1	6.01	30	130	1	0.15	0.25	22	110	122	5.83	20	0.45	20	1.36	285	10
94MOB1054	14	411088	6057738	CHEMEX	0.1	4.52	6	210	1	0.36	0.25	22	130	70	4.72	20	0.49	20	1.87	360	0.5
94MOB1056	14	409296	6054187	CHEMEX	0.2	4.69	58	150	1	0.70	0.25	25	143	145	5.14	130	0.75	30	2.25	310	0.5
94MOB1058	14	406195	6057775	CHEMEX	0.1	6.58	162	170	1	0.27	0.25	26	111	103	5.70	40	0.74	20	1.51	360	3
94MOB1060	14	405872	6062048	CHEMEX	0.2	6.45	106	340	1	0.77	0.25	27	116	289	5.59	100	0.62	40	1.96	395	0.5
94MOB1062	14	402475	6063976	CHEMEX	0.1	6.08	22	120	1	0.29	0.25	30	155	73	5.45	20	0.30	20	1.85	290	0.5
94MOB1064	14	399616	6060173	CHEMEX	0.1	2.93	2	260	1	9.95	0.25	14	100	81	3.35	30	0.96	5	2.03	320	0.5
94MOB1065	14	399616	6060173	CHEMEX	0.1	3.87	8	330	1	6.01	0.25	27	139	127	4.88	10	1.30	5	2.29	500	0.5
94MOB1067	14	333148	6058763	CHEMEX	0.1	5.45	20	400	1	0.56	0.25	19	139	79	5.22	40	0.61	30	1.62	290	1
94MOB1069	14	330667	6061021	CHEMEX	0.4	4.91	40	220	1	0.43	0.25	24	88	203	7.19	260	0.59	20	2.36	665	1
94MOB1073	14	324091	6067616	CHEMEX	0.1	5.33	82	180	1	0.46	0.25	44	168	172	5.98	10	0.93	20	2.06	795	0.5
94MOB1075	14	322273	6064654	CHEMEX	0.1	6.21	8	130	1	0.16	0.25	23	135	91	4.90	10	0.16	20	1.65	315	1
94MOB1077	14	323358	6063993	CHEMEX	0.1	4.38	22	360	1	0.36	0.25	24	166	158	5.76	50	1.80	30	2.14	480	0.5
94MOB1079	14	325154	6063614	CHEMEX	0.1	4.57	38	210	1	0.47	0.25	41	178	247	7.16	160	0.83	30	2.75	850	0.5
94MOB1081	14	321421	6062614	CHEMEX	0.1	5.80	8	580	1	15.20	0.25	34	232	200	8.06	100	1.52	5	4.00	720	0.5
94MOB1083	14	320945	6060096	CHEMEX	0.1	3.81	20	110	1	5.03	0.25	30	198	255	6.39	130	0.30	5	3.23	565	0.5
94MOB1085	14	316425	6060122	CHEMEX	0.1	4.19	18	410	1	0.60	0.25	27	194	93	5.67	30	1.82	30	2.35	530	0.5
94MOB1087	14	315991	6058283	CHEMEX	0.1	1.03	20	120	1	15.00	0.25	34	33	171	1.46	50	0.10	5	1.30	255	0.5
94MOB1089	14	318355	6056795	CHEMEX	0.1	4.58	134	110	1	0.28	0.25	36	268	167	10.70	100	0.47	20	3.09	730	2
94MOB1091	14	318914	6059558	CHEMEX	0.1	3.35	2	240	1	2.31	0.25	17	121	88	4.32	110	0.99	30	1.75	325	0.5
94MOB1093	14	318754	6062287	CHEMEX	0.1	4.42	10	230	1	0.37	0.25	20	108	113	5.61	70	0.82	60	1.72	485	0.5
94MOB1095	14	342966	6060949	CHEMEX	0.2	5.51	30	200	1	0.79	0.25	28	134	633	6.97	50	0.55	40	2.39	455	2
94MOB1097	14	341965	6060025	CHEMEX	0.1	3.57	52	160	1	6.95	0.25	62	79	236	6.78	10	0.58	5	1.94	515	2
94MOB1099	14	337544	6057768	CHEMEX	0.1	5.72	34	220	1	0.41	0.25	23	113	53	5.46	30	0.50	20	1.44	325	0.5
94MOB1101	14	316827	6070040	CHEMEX	0.1	3.80	2	130	1	0.21	0.25	17	116	36	4.21	20	0.47	20	1.45	300	0.5
94MOB1104	14	318793	6066835	CHEMEX	0.1	4.59	36	360	1	0.48	0.25	32	175	166	6.13	80	1.69	30	2.38	510	1
94MOB1106	14	318297	6069207	CHEMEX	0.1	4.32	16	340	1	0.64	0.25	28	158	254	6.04	120	1.50	30	2.26	520	0.5
94MOB1108	14	321607	6057315	CHEMEX	0.1	4.89	10	250	1	0.67	0.25	22	158	156	5.58	70	0.68	40	2.24	425	0.5
94MOB1110	14	322364	6060597	CHEMEX	0.1	5.92	1	330	1	0.46	0.25	20	160	140	6.26	70	0.86	30	1.88	360	0.5
94MOB1112	14	322364	6060597	CHEMEX	0.1	4.46	6	220	1	0.41	0.25	19	147	58	5.12	20	0.64	20	1.89	375	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB1017	0.44	46	2650	4	2	9	362	0.08	59	40
94MOB1019	0.37	17	2400	6	2	5	313	0.03	28	22
94MOB1023	0.82	56	2350	4	2	16	23	0.22	110	120
94MOB1025	0.96	49	4750	12	4	19	21	0.24	134	80
94MOB1027	0.40	20	2490	2	2	6	290	0.04	32	26
94MOB1028	0.82	68	2690	4	2	22	37	0.12	113	90
94MOB1029	0.48	27	3110	2	4	7	353	0.04	45	32
94MOB1030	0.50	23	3380	4	4	6	288	0.04	37	26
94MOB1031	0.47	57	1630	6	2	13	30	0.19	117	114
94MOB1032	0.67	51	1980	8	2	11	20	0.15	112	104
94MOB1033	0.90	58	4170	2	2	24	34	0.12	106	88
94MOB1034	0.92	70	5570	2	2	24	47	0.10	112	76
94MOB1034B	0.38	36	2360	4	2	9	265	0.05	53	38
94MOB1035	0.72	64	3010	2	1	27	34	0.16	107	96
94MOB1037	0.60	109	2640	1	2	36	21	0.04	144	86
94MOB1039	0.94	71	3470	2	2	28	26	0.09	103	86
94MOB1041	0.77	75	2580	1	4	32	23	0.08	99	84
94MOB1045	0.71	53	7920	8	1	19	25	0.04	127	102
94MOB1047	0.64	50	5730	8	4	10	14	0.17	89	84
94MOB1049	0.73	50	6420	6	2	10	12	0.15	94	86
94MOB1052	0.73	63	4270	12	1	11	10	0.21	96	98
94MOB1054	0.59	63	1640	4	1	14	25	0.23	87	96
94MOB1056	0.86	84	3720	1	2	21	22	0.18	97	94
94MOB1058	0.63	59	3580	4	2	12	17	0.20	105	100
94MOB1060	0.72	72	2890	1	4	27	26	0.22	124	106
94MOB1062	0.90	67	3500	2	2	12	12	0.24	112	146
94MOB1064	0.38	41	1850	6	2	10	68	0.20	71	96
94MOB1065	0.57	58	2270	2	1	15	50	0.24	104	142
94MOB1067	0.46	58	2280	4	2	15	49	0.18	97	96
94MOB1069	0.60	34	1960	1	4	28	25	0.14	114	184
94MOB1073	0.67	81	4250	8	1	16	18	0.10	130	128
94MOB1075	0.52	52	1660	6	1	13	15	0.25	113	118
94MOB1077	0.56	75	1650	1	2	17	18	0.32	135	172
94MOB1079	0.62	79	2550	1	2	21	20	0.17	143	144
94MOB1081	1.2	90	3600	1	1	24	360	0.36	174	192
94MOB1083	0.52	76	2210	1	2	18	54	0.07	116	76
94MOB1085	0.48	73	1290	2	1	17	20	0.34	137	156
94MOB1087	0.43	33	3160	1	2	8	361	0.02	29	80
94MOB1089	0.55	117	2040	1	2	26	12	0.08	121	94
94MOB1091	0.70	51	2380	4	1	14	37	0.16	75	114
94MOB1093	0.61	56	1910	8	1	18	32	0.19	91	124
94MOB1095	0.73	137	2690	4	4	27	29	0.18	174	112
94MOB1097	0.57	73	2520	6	4	16	71	0.09	119	76
94MOB1099	0.75	50	5520	6	4	11	29	0.15	105	88
94MOB1101	0.54	47	2590	2	1	10	14	0.21	84	154
94MOB1104	0.47	85	1650	2	2	17	16	0.29	130	178
94MOB1106	0.89	77	4470	4	1	19	18	0.09	122	154
94MOB1108	0.72	70	2520	1	1	39	54	0.18	93	112
94MOB1110	0.61	71	2510	2	1	21	39	0.20	98	114
94MOB1112	0.52	56	1710	4	1	14	30	0.23	101	108

Appendix VIb: Till Geochemistry

Sample Number	UTM Zone	Easting	Northing	LAB	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
94MOB1115	14	327577	6068410	CHEMEX	0.1	5.00	18	230	1	0.38	0.25	28	191	223	6.74	160	0.54	40	1.96	515	1
94MOB1117	14	336217	6061250	CHEMEX	0.1	6.27	1	90	1	0.25	0.5	18	79	342	6.47	50	0.18	10	2.3	490	3
94MOB1119	14	320970	6069317	CHEMEX	0.1	4.52	1	330	1	0.48	0.25	22	143	148	5.76	110	1.09	40	1.92	515	0.5
94MOB1121	14	322984	6070011	CHEMEX	0.1	5.41	16	410	1	0.36	0.25	22	180	164	6.39	40	1.78	50	2.04	445	0.5
94MOB1124	14	321048	6066312	CHEMEX	0.2	4.92	26	400	1	0.79	0.25	26	187	144	6.27	80	1.90	30	2.52	515	0.5
95ISK0001	14	382425	6051575	CHEMEX	0.1	6.74	20	130	1	0.31	0.25	22	136	69	6.08	60	0.52	10	1.83	330	0.5
95ISK0002	14	383225	6052300	CHEMEX	0.1	5.46	12	180	1	0.40	0.25	25	165	55	5.34	30	0.52	10	2.09	355	0.5
95ISK0003	14	384200	6052650	CHEMEX	0.1	6.90	8	230	1	0.39	0.25	28	134	57	4.74	70	0.26	10	2.00	370	1
95ISK0004	14	384250	6054150	CHEMEX	0.1	5.25	4	280	1	0.43	0.25	20	130	37	4.62	30	0.80	10	1.97	465	0.5
95ISK0005	14	383750	6055300	CHEMEX	0.1	7.38	12	390	1	0.59	0.25	31	159	152	5.50	60	0.79	20	2.32	395	0.5
95ISK0006	14	381700	6052650	CHEMEX	0.1	6.51	24	140	1	0.45	0.25	30	145	118	6.47	50	0.74	10	2.32	440	1
95ISK0007	14	382100	6053550	CHEMEX	0.1	6.34	18	210	1	0.80	0.25	33	208	112	5.77	50	0.74	10	2.84	580	0.5
95ISK0008	14	381475	6054200	CHEMEX	0.1	6.08	16	130	1	0.58	0.25	36	464	93	6.93	40	0.59	10	4.25	550	1
95ISK0009	14	380400	6054950	CHEMEX	0.1	6.16	12	130	1	0.47	0.5	31	208	83	6.74	40	0.84	10	3.48	450	1
95ISK0010	14	385750	6051500	CHEMEX	0.1	6.06	80	150	1	0.35	1	33	97	94	7.27	50	0.88	40	2.58	395	3
95ISK0011	14	386775	6052100	CHEMEX	0.1	5.53	60	180	6	0.44	0.25	33	89	101	5.40	70	0.71	20	1.54	425	3
95ISK0012	14	387650	6053600	CHEMEX	0.1	3.26	4	140	1	0.36	0.5	13	80	19	3.12	20	0.48	10	1.35	295	0.5
95ISK0013	14	388100	6057750	CHEMEX	0.1	6.33	28	390	1	0.45	0.25	25	91	126	5.15	30	0.95	10	1.53	570	1
95ISK0014	14	385950	6052650	CHEMEX	0.1	5.94	14	280	1	0.45	0.5	26	152	73	5.92	30	0.93	10	2.27	480	1
95ISK0015	14	383550	6056200	CHEMEX	0.1	6.44	22	150	1	0.55	0.5	33	232	145	5.69	20	0.36	10	3.12	420	0.5
95ISK0016	14	382825	6057000	CHEMEX	0.1	7.09	22	110	1	0.48	1	27	233	174	5.84	60	0.35	10	2.75	395	1
95ISK0017	14	379850	6057050	CHEMEX	0.1	4.85	10	120	1	0.41	0.25	35	464	79	6.00	40	0.66	5	4.51	435	1
95ISK0018	14	378425	6055650	CHEMEX	0.1	5.00	4	140	1	0.33	0.25	27	149	53	5.41	30	0.66	10	2.52	440	0.5
95ISK0019	14	376650	6056700	CHEMEX	0.1	4.13	6	150	1	0.40	0.5	36	246	31	5.84	40	0.50	5	6.34	475	1
95ISK0020	14	377350	6057550	CHEMEX	0.1	3.06	8	140	1	0.35	0.25	43	255	27	4.62	20	0.58	5	7.53	480	0.5
95ISK0021	14	376650	6058350	CHEMEX	0.1	4.84	1	180	1	0.41	0.25	25	162	55	4.98	30	0.67	10	2.24	425	1
95MOB001	13	636348	6099574	CHEMEX	0.1	5.58	1	580	2	0.38	0.25	60	298	124	6.97	100	1.23	20	2.76	890	1
95MOB003	13	631772	6096920	CHEMEX	0.1	5.41	2	230	2	0.20	0.25	22	132	44	5.01	10	0.63	10	1.92	320	0.5
95MOB005	13	633883	6094193	CHEMEX	0.1	6.79	4	140	1	0.11	0.25	18	139	80	4.73	100	0.32	10	1.55	235	4
95MOB007	13	637534	6089838	CHEMEX	0.1	4.97	14	320	6	0.22	0.25	21	157	49	5.58	20	1.04	10	2.52	425	0.5
95MOB009	13	630084	6091687	CHEMEX	0.1	7.19	14	350	1	0.20	0.25	27	170	66	6.22	20	0.78	10	1.81	305	1
95MOB011	13	629705	6085409	CHEMEX	0.1	5.58	14	230	2	0.21	0.25	22	204	72	6.19	20	1.17	20	2.33	305	1
95MOB014	13	633337	6083469	CHEMEX	0.1	6.49	4	240	2	0.15	0.25	18	149	43	4.74	40	0.64	10	1.74	260	1
95MOB018	13	688339	6101944	CHEMEX	0.1	7.47	6	490	1	0.11	0.25	33	197	120	8.46	30	1.32	10	2.59	410	2
95MOB020	13	672507	6101531	CHEMEX	0.1	4.79	6	290	1	0.42	0.25	21	137	57	5.38	10	1.33	10	2.18	525	0.5
95MOB022	13	672048	6110862	CHEMEX	0.1	5.68	6	360	8	0.16	0.25	26	200	63	6.18	10	1.73	10	2.59	340	0.5
95MOB024	13	676182	6117037	CHEMEX	0.1	8.03	18	370	1	0.15	0.25	34	203	142	8.62	30	1.13	5	2.32	290	6
95MOB026	13	671883	6123143	CHEMEX	0.1	6.44	1	330	2	0.13	0.25	24	202	51	6.28	10	1.32	10	2.65	360	1
95MOB028	13	685129	6122932	CHEMEX	0.1	8.38	1	480	2	0.11	0.25	28	269	195	7.34	10	1.48	10	2.61	280	0.5
95MOB030	13	658728	6121993	CHEMEX	0.1	7.88	12	150	2	0.10	0.25	23	163	56	7.11	60	0.30	10	1.92	265	2
95MOB032	13	661254	6114547	CHEMEX	0.1	6.71	14	240	1	0.27	0.25	30	180	151	7.31	10	0.78	20	2.13	400	2
95MOB034	13	656767	6103940	CHEMEX	0.1	6.12	10	350	2	0.47	0.25	21	185	86	6.05	10	0.55	10	2.36	280	7
95MOB036	13	631718	6076437	CHEMEX	0.1	5.47	6	300	1	0.26	0.25	21	175	69	5.68	20	0.92	10	2.25	305	0.5
95MOB038	13	630451	6057854	CHEMEX	0.1	5.59	6	190	2	0.56	0.25	20	99	67	5.16	90	0.22	30	1.58	495	0.5
95MOB040	13	635600	6055150	CHEMEX	0.1	3.04	2	230	2	9.52	0.25	17	111	127	3.85	40	0.58	10	2.65	305	0.5

Appendix VIb: Till Geochemistry

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
94MOB1115	0.86	73	2680	4	1	27	26	0.21	128	106
94MOB1117	0.63	37	4830	1	1	17	12	0.12	113	242
94MOB1119	0.59	65	2230	4	1	21	28	0.23	114	130
94MOB1121	0.67	80	2260	4	1	22	24	0.30	133	148
94MOB1124	0.54	80	1780	4	2	19	20	0.33	144	184
95ISK0001	1.31	62	6650	8	1	15	27	0.13	140	74
95ISK0002	1.05	62	3240	6	2	13	24	0.15	130	104
95ISK0003	1.53	58	2920	8	1	13	29	0.17	112	148
95ISK0004	0.78	58	1520	8	1	13	27	0.22	107	128
95ISK0005	1.37	77	1760	4	1	18	45	0.19	113	94
95ISK0006	1.32	74	4870	6	1	17	30	0.14	151	98
95ISK0007	1.09	88	2710	6	1	20	32	0.15	136	104
95ISK0008	0.91	136	1660	1	6	22	24	0.13	190	94
95ISK0009	0.91	87	1840	1	1	20	24	0.08	184	78
95ISK0010	1.65	54	8320	12	6	18	18	0.10	179	96
95ISK0011	1.46	62	4120	12	1	12	24	0.13	110	84
95ISK0012	0.64	36	800	6	1	8	28	0.18	69	80
95ISK0013	1.01	55	2240	10	1	15	30	0.22	110	102
95ISK0014	0.93	55	2070	4	1	14	26	0.28	134	124
95ISK0015	1.17	99	2820	4	1	19	26	0.16	158	84
95ISK0016	1.33	89	4190	2	6	18	18	0.18	146	94
95ISK0017	1.23	225	3080	1	1	20	23	0.06	138	66
95ISK0018	0.99	74	2420	2	4	14	21	0.12	130	92
95ISK0019	0.94	320	2460	2	1	14	22	0.09	127	100
95ISK0020	0.68	500	1130	4	1	11	17	0.13	89	82
95ISK0021	0.80	84	1830	8	1	12	33	0.17	111	112
95MOB001	1.09	154	7900	12	1	15	23	0.10	139	126
95MOB003	0.49	58	1990	12	1	11	18	0.24	114	104
95MOB005	1.15	64	9340	14	1	11	14	0.19	98	108
95MOB007	0.62	63	1480	6	1	14	22	0.29	128	138
95MOB009	0.78	93	4910	14	1	13	20	0.19	139	160
95MOB011	0.74	84	2540	8	1	15	10	0.33	130	106
95MOB014	0.99	63	6660	6	1	12	14	0.20	92	194
95MOB018	0.79	77	3190	6	1	17	12	0.30	234	136
95MOB020	0.59	65	1590	10	1	14	24	0.26	118	134
95MOB022	0.63	71	2680	8	1	16	13	0.31	177	158
95MOB024	0.92	88	4390	14	1	15	10	0.28	245	186
95MOB026	0.51	72	1940	8	1	18	11	0.43	172	158
95MOB028	0.58	84	4400	6	1	25	9	0.43	234	154
95MOB030	1.08	54	6390	8	1	13	10	0.15	196	110
95MOB032	0.84	79	3140	8	1	15	11	0.32	168	122
95MOB034	0.96	65	2000	2	1	19	21	0.34	160	124
95MOB036	0.66	71	1880	4	1	16	22	0.32	134	110
95MOB038	0.75	56	2760	8	1	12	12	0.10	88	90
95MOB040	0.77	51	3930	1	1	10	37	0.14	79	72

APPENDIX VII. Till Carbonate Content

Sample preparation: Air-dried; dry-sieve at < 230 mesh screen (< 0.063 mm)
Analytical method: AAS - Atomic Absorption Spectrometry, after 1:1 HCl leach
LECO - Leco induction furnace, after HCl treatment (% CaCO3 equivalent)
Detection limit: 0.01%

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
84BSC0770	13	677250	6121600	0.08	1.15	8.72	-4.53	4.19	3.00
84BSC0773	13	666600	6113900	0.09	0.46	3.49	-1.67	1.82	1.17
84BSC0775	13	676150	6115700	0.24	1.12	8.50	-4.01	4.49	0.00
84BSC0776	13	685600	6116750	0.21	0.26	1.97	-0.55	1.42	0.00
84BSC0778	13	679100	6102900	0.28	0.77	5.84	-2.47	3.37	1.08
84BSC0780	13	657200	6104350	0.10	0.34	2.58	-1.15	1.43	1.17
84BSC0783	13	616000	6110850	0.04	0.77	5.84	-3.07	2.77	0.00
84BSC0794	13	604600	6114850	0.14	0.48	3.64	-1.63	2.01	0.50
84BSC0869	13	625800	6117000	0.18	0.58	4.40	-1.94	2.46	0.00
84BSC0877	13	640185	6121236	0.06	0.41	3.11	-1.54	1.57	0.00
84BSC0878	13	636652	6109118	0.08	0.54	4.10	-2.02	2.08	0.00
84BSC0879	13	636170	6104796	0.28	0.57	4.32	-1.65	2.67	0.00
84BSC0914	13	639353	6108443	0.10	0.52	3.94	-1.89	2.05	0.00
84BSC0916	13	643515	6110566	0.14	0.58	4.40	-2.04	2.36	0.00
84ECH0060	13	642926	6080726	0.21	1.30	9.86	-4.83	5.03	0.33
84ECH0068	13	643694	6085480	0.55	1.19	9.03	-3.53	5.50	0.75
84ECH0070	13	642809	6094653	0.25	0.50	3.79	-1.43	2.36	0.00
84ECH0078	13	637161	6071365	0.32	1.12	8.50	-3.81	4.69	0.00
84ECH0081	13	618658	6064408	0.26	0.58	4.40	-1.74	2.66	0.00
84ECH0120	13	634100	6084900	0.18	0.32	2.43	-0.87	1.56	0.33
84ECH0121	13	627000	6084100	0.16	0.53	4.02	-1.78	2.24	1.92
84ECH0122	13	623400	6094200	0.13	0.51	3.87	-1.78	2.09	0.08
84ECH0124	13	613800	6083400	0.29	0.47	3.57	-1.21	2.36	0.00
84ECH0125	13	607500	6094000	0.15	0.34	2.58	-1.03	1.55	3.58
84ECH0133	13	613900	6073300	0.22	0.59	4.48	-1.88	2.60	3.33
84ECH0145	13	678000	6096000	0.12	0.33	2.50	-1.06	1.44	0.58
84ECH0146	13	686734	6096157	0.15	0.58	4.40	-2.01	2.39	0.00
84ECH0147	13	661500	6076100	0.21	0.57	4.32	-1.82	2.50	0.75
84ECH0150	13	688200	6074300	0.07	0.43	3.26	-1.60	1.66	3.25
84ECH0152	14	309568	6097365	0.13	0.55	4.17	-1.94	2.23	1.17
84ECH0155	13	645500	6065100	0.14	0.69	5.23	-2.49	2.74	0.67
84ECH0156	14	316143	6058979	0.21	0.28	2.12	-0.63	1.49	0.42
84ECH0157	13	684000	6065200	0.72	1.33	10.09	-3.68	6.41	0.50
84ECH0158	13	680100	6049200	0.55	0.86	6.52	-2.17	4.35	1.83
84ECH0159	13	675300	6056600	0.29	0.95	7.21	-3.19	4.02	0.75
84ECH0161	13	673409	6061896	3.98	1.15	8.72	5.20	13.92	11.50
84ECH0162	13	665900	6065300	0.20	0.30	2.28	-0.74	1.54	0.00
84ECH0163	13	662700	6053900	0.20	0.43	3.26	-1.27	1.99	0.67
86KDA0351	14	369100	6113000	0.04	0.40	3.03	-1.55	1.49	n/a
86KDA0352	14	370900	6115850	0.05	0.35	2.65	-1.32	1.34	n/a
86KDA0353	14	371625	6122100	0.02	0.23	1.74	-0.90	0.85	n/a
86KDA0354	14	363800	6118500	0.13	0.34	2.58	-1.08	1.50	n/a
86KDA0361	14	365400	6109075	0.09	0.44	3.34	-1.59	1.75	n/a
86KDA0376	14	364200	6097875	0.08	0.49	3.72	-1.82	1.90	n/a
86KDA0428	14	342750	6124550	0.13	0.67	5.08	-2.43	2.65	n/a
86KDA0430	14	350670	6118980	0.10	0.28	2.12	-0.90	1.22	n/a
86KDA0438	14	359450	6098500	0.10	0.68	5.16	-2.55	2.61	n/a
86KDA0448	14	352800	6103550	0.20	0.23	1.74	-0.45	2.00	n/a
86KDA0449	14	357100	6111200	0.12	0.64	4.85	-2.34	2.52	n/a
86KDA0460	14	344800	6112650	0.10	0.30	2.28	-0.99	1.29	n/a
86KDA0468	14	371175	6106600	0.01	0.37	2.81	-1.50	1.31	n/a
86KDA0479	14	375980	6111650	0.15	0.15	1.14	-0.24	0.89	n/a
86KDA0480	14	360575	6096250	0.20	0.33	2.50	-0.86	1.64	n/a
86KDA0481	14	359600	6094950	0.07	0.31	2.35	-1.10	1.25	n/a
86KDA0484	14	357750	6094500	0.18	0.42	3.19	-1.28	1.91	n/a
86KDA0486	14	357800	6091950	0.10	0.68	5.16	-2.55	2.61	n/a
86KDA0490	14	355250	6090900	0.14	0.46	3.49	-1.54	1.94	n/a
86KDA0491	14	352650	6089400	0.17	0.16	1.21	-0.23	0.98	n/a
86KDA0492	14	347000	6088925	0.02	0.77	5.84	-3.12	2.72	n/a
86KDA0498	14	389650	6101900	0.03	0.65	4.93	-2.60	2.33	n/a
86KDA0499	14	381050	6104250	0.06	0.48	3.64	-1.83	1.81	n/a
86KDA0500	14	385875	6106575	0.04	0.55	4.17	-2.16	2.01	n/a
86KDA0506	14	382225	6112175	0.09	0.57	4.32	-2.12	2.20	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
86KDA0508	14	385100	6118325	0.03	0.28	2.12	-1.08	1.05	n/a
86KDA0515	14	396350	6096700	0.15	0.65	4.93	-2.30	2.63	n/a
86KDA0516	14	395800	6101700	0.17	0.56	4.25	-1.88	2.37	n/a
86KDA0517	14	398200	6106850	0.13	0.23	1.74	-0.62	1.12	n/a
86KDA0518	14	396100	6110750	0.15	0.50	3.79	-1.68	2.11	n/a
86KDA0519	14	390450	6115750	0.06	0.53	4.02	-2.03	1.99	n/a
86KDA0520	14	343500	6088425	0.06	0.49	3.72	-1.87	1.85	n/a
86KDA0521	14	342975	6092675	0.15	0.26	1.97	-0.70	1.28	n/a
86KDA0522	14	342800	6095850	0.19	0.23	1.74	-0.47	1.27	n/a
86KDA0523	14	347300	6098200	0.17	0.21	1.59	-0.44	1.15	n/a
86KDA0525	14	347800	6101550	0.19	0.32	2.43	-0.84	1.58	n/a
86KDA0539	14	395750	6118100	0.08	0.23	1.74	-0.75	1.00	n/a
86KDA0542	14	344700	6106125	0.10	0.29	2.20	-0.94	1.26	n/a
86KDA0545	14	342900	6100700	0.15	0.17	1.29	-0.33	0.96	n/a
86KDA0546	14	392700	6123000	0.03	0.39	2.96	-1.53	1.43	n/a
86KDA0554	14	402300	6116950	0.13	0.16	1.21	-0.33	0.88	n/a
86KDA0555	14	401300	6104100	0.06	0.28	2.12	-1.00	1.12	n/a
86KDA0556	14	401650	6099250	0.05	0.35	2.65	-1.32	1.34	n/a
86KDA0601	14	341250	6084750	0.27	0.32	2.43	-0.64	1.78	n/a
86KDA0602	14	343100	6086350	0.23	0.40	3.03	-1.07	1.96	n/a
86KDA0610	14	356750	6093000	0.23	0.38	2.88	-0.99	1.89	n/a
86KDA0618	14	332500	6098050	0.19	0.23	1.74	-0.47	1.27	n/a
86KDA0619	14	373050	6100000	0.12	0.33	2.50	-1.06	1.44	n/a
86KDA0650	14	371150	6100050	0.18	0.38	2.88	-1.11	1.77	n/a
86KDA0652	14	369800	6099800	0.22	0.43	3.26	-1.22	2.04	n/a
86KDA0653	14	367600	6098900	0.10	0.41	3.11	-1.44	1.67	n/a
86KDA0654	14	434800	6081150	1.32	0.67	5.08	0.54	5.62	n/a
86KDA0655	14	433300	6083750	2.75	0.88	6.67	3.24	9.92	n/a
86KDA0704	14	415000	6121000	0.07	0.34	2.58	-1.22	1.35	n/a
86KDA0706	14	433300	6115600	0.03	0.59	4.48	-2.35	2.12	n/a
86KDA0707	14	426600	6112000	0.04	0.33	2.50	-1.26	1.24	n/a
86KDA0709	14	333800	6104700	0.00	0.27	2.05	-1.11	0.94	n/a
86KDA0710	14	330350	6110100	0.14	0.42	3.19	-1.38	1.81	n/a
86KDA0711	14	334050	6109850	0.06	0.62	4.70	-2.40	2.30	n/a
86KDA0713	14	424500	6098800	0.12	0.48	3.64	-1.68	1.96	n/a
86KDA0714	14	435000	6104300	0.13	0.52	3.94	-1.82	2.13	n/a
86KDA0715	14	429800	6100500	0.06	0.57	4.32	-2.20	2.13	n/a
86KDA0717	14	422300	6108400	0.03	0.31	2.35	-1.20	1.15	n/a
86KDA0718	14	334600	6118700	0.14	0.06	0.46	0.10	0.56	n/a
86KDA0720	14	327300	6125250	0.14	0.16	1.21	-0.31	0.90	n/a
86KDA0721	14	322950	6115600	0.08	0.41	3.11	-1.49	1.62	n/a
86KDA0727	14	319050	6125930	0.07	0.52	3.94	-1.97	1.98	n/a
86KDA0728	14	316750	6118600	0.13	0.57	4.32	-2.02	2.30	n/a
86KDA0729	14	316600	6102200	0.05	0.29	2.20	-1.07	1.13	n/a
86KDA0730	14	320550	6100820	0.13	0.38	2.88	-1.24	1.64	n/a
86KDA0731	14	327400	6107200	0.02	0.54	4.10	-2.17	1.92	n/a
86KDA0732	14	327550	6110850	0.08	0.33	2.50	-1.16	1.34	n/a
86KDA0734	14	410500	6101300	0.06	0.17	1.29	-0.55	0.74	n/a
86KDA0735	14	417400	6111900	0.10	0.27	2.05	-0.86	1.19	n/a
86KDA0736	14	413400	6114900	0.03	0.44	3.34	-1.74	1.60	n/a
86KDA0737	14	406800	6112000	0.07	0.27	2.05	-0.94	1.11	n/a
86KDA3230	14	365650	6101300	0.15	0.47	3.57	-1.56	2.00	n/a
86KDA3245	14	369800	6099850	0.17	0.35	2.65	-1.02	1.64	n/a
86KDA3273	14	319150	6070700	0.29	0.31	2.35	-0.55	1.80	n/a
86KDA3285	14	317600	6071000	0.67	0.26	1.97	0.60	2.57	n/a
86KDA3292	14	316500	6072050	0.07	0.24	1.82	-0.81	1.01	n/a
86KDA3309	14	319050	6071500	0.26	0.63	4.78	-1.94	2.83	n/a
86KDA3334	14	317500	6074550	0.20	0.16	1.21	-0.16	1.05	n/a
86NIE0008	14	346297	6011270	-	-	-	-	n/a	24.20
86NIE0009	14	373614	6020315	-	-	-	-	n/a	29.00
86NIE0010	14	368901	6014837	-	-	-	-	n/a	28.80
86NIE0011	14	346054	6013436	-	-	-	-	n/a	22.70
86NIE0012	14	355723	6037821	-	-	-	-	n/a	25.90

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
86NIE0013	14	366915	6044777	-	-	-	-	n/a	36.10
86NIE0017	14	346438	6034385	-	-	-	-	n/a	38.70
86NIE0018	14	345963	6054614	-	-	-	-	n/a	40.80
86NIE0021	14	410742	6046871	-	-	-	-	n/a	21.30
86NIE0022	14	406269	6046794	-	-	-	-	n/a	31.50
86NIE0023	14	346220	6034370	-	-	-	-	n/a	18.80
86NIE0024	14	328885	6039582	-	-	-	-	n/a	14.80
86NIE0025	14	360096	6041170	-	-	-	-	n/a	27.90
86NIE0026a	14	363422	6043503	-	-	-	-	n/a	29.60
86NIE0027	14	321275	6066350	-	-	-	-	n/a	7.50
86NIE0028a	14	346531	6043603	-	-	-	-	n/a	11.60
86NIE0028b	14	346531	6043603	-	-	-	-	n/a	14.00
86NIE0029	14	351852	6044478	-	-	-	-	n/a	27.30
86NIE0030	14	352257	6039250	-	-	-	-	n/a	8.40
86NIE0031	14	333763	6014746	-	-	-	-	n/a	26.70
86NIE0033	14	323861	6064571	-	-	-	-	n/a	7.90
86NIE0034	14	333162	6058085	-	-	-	-	n/a	3.60
86NIE0035	14	327296	6063677	-	-	-	-	n/a	4.00
86NIE0036	14	325128	6067144	-	-	-	-	n/a	2.10
86NIE0037	14	323711	6066754	-	-	-	-	n/a	4.70
86NIE0038	14	321862	6063799	-	-	-	-	n/a	4.50
86NIE0039	14	319676	6070568	-	-	-	-	n/a	5.20
86NIE0047	14	323272	6081664	-	-	-	-	n/a	4.00
86NIE0048	14	345021	6108482	-	-	-	-	n/a	15.20
86NIE0053	14	347768	6098211	-	-	-	-	n/a	5.20
86NIE0054	14	347748	6101300	-	-	-	-	n/a	3.50
86NIE0062	14	336922	6059230	-	-	-	-	n/a	6.70
86NIE0063	14	346525	6046942	-	-	-	-	n/a	7.40
86NIE0064	14	344663	6018489	-	-	-	-	n/a	17.70
86NIE0065	14	362236	6096111	-	-	-	-	n/a	6.10
86NIE0066	14	365373	6103120	-	-	-	-	n/a	4.10
86NIE0067	14	365373	6103120	-	-	-	-	n/a	4.10
86NIE0068	14	317865	6081332	-	-	-	-	n/a	5.60
86NIE0069	14	319824	6081942	-	-	-	-	n/a	3.50
86NIE0072	14	322705	6081650	-	-	-	-	n/a	47.00
86NIE0075	14	384247	5992878	-	-	-	-	n/a	14.70
86NIE0076	14	351269	6045797	-	-	-	-	n/a	17.00
86NIE0077	14	353838	6044890	-	-	-	-	n/a	24.00
86NIE0078	14	352467	6042891	-	-	-	-	n/a	34.70
86NIE0079	14	362078	6043216	-	-	-	-	n/a	18.10
86NIE0080	14	368494	6042391	-	-	-	-	n/a	16.70
86NIE0081	14	369371	6051246	-	-	-	-	n/a	6.50
86NIE0082	14	370678	6050787	-	-	-	-	n/a	37.80
86NIE0083	14	361871	6042315	-	-	-	-	n/a	38.20
86NIE0084	14	361969	6042581	-	-	-	-	n/a	6.30
86NIE0085	14	340937	6084761	-	-	-	-	n/a	4.20
86NIE0086	14	343068	6086134	-	-	-	-	n/a	4.00
86NIE0087	14	354731	6090342	-	-	-	-	n/a	3.70
86NIE0088	14	356857	6093470	-	-	-	-	n/a	2.80
86NIE0089	14	363309	6096755	-	-	-	-	n/a	3.30
86NIE0090	14	363785	6097151	-	-	-	-	n/a	3.70
86NIE0090a	14	363785	6097151	-	-	-	-	n/a	3.90
86NIE0094	14	360301	6095821	-	-	-	-	n/a	6.40
86NIE0095	14	432296	6083032	-	-	-	-	n/a	7.60
86NIE0097	14	431085	6085257	-	-	-	-	n/a	18.20
86NIE0098	14	385171	6047859	-	-	-	-	n/a	34.80
86NIE0099	14	392669	6049590	-	-	-	-	n/a	48.40
86NIE0100	14	393679	6048970	-	-	-	-	n/a	7.50
86NIE0101	14	401219	6049276	-	-	-	-	n/a	17.50
86NIE0102	14	404864	6042061	-	-	-	-	n/a	23.00
86NIE0103	14	408293	6042584	-	-	-	-	n/a	7.40
86NIE0105	14	420323	6051879	-	-	-	-	n/a	2.90
86NIE0108	14	407745	6044140	-	-	-	-	n/a	33.10

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Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
86NIE0109	14	406785	6046082	-	-	-	-	n/a	25.50
86NIE0110	14	405110	6044456	-	-	-	-	n/a	21.30
86NIE0111	14	407409	6046977	-	-	-	-	n/a	6.90
86NIE0112	14	413434	6048968	-	-	-	-	n/a	25.10
91MOB0002	14	321918	6064172	0.33	0.66	5.01	-1.89	3.11	0.67
91MOB0003	14	346435	6034384	5.09	3.24	24.58	-0.63	23.95	27.32
91MOB0004	14	519605	6083340	7.40	2.15	16.31	9.63	25.94	27.91
91MOB0005	14	436605	6065413	0.11	0.57	4.32	-2.07	2.25	0.67
91MOB0006	14	437378	6065419	0.08	0.21	1.59	-0.66	0.93	0.83
91MOB0007	14	437098	6066101	0.45	1.04	7.89	-3.16	4.73	0.92
91MOB0008	14	437910	6058120	1.41	1.04	7.89	-0.76	7.13	5.25
91MOB0012A	14	488177	5986411	8.69	5.64	42.78	-1.52	41.26	50.06
91MOB0012B	14	488110	5986428	16.12	9.70	73.58	0.32	73.90	89.21
91MOB0013	14	448421	6051727	8.08	4.84	36.71	0.25	36.96	44.40
91MOB0016	14	392461	6005860	14.56	7.56	57.34	5.24	62.58	73.72
91MOB0017	14	387039	5996312	12.22	7.66	58.10	-1.02	57.08	69.56
91MOB0018	14	378309	5988710	14.28	8.90	67.51	-0.98	66.53	80.38
91MOB0019	14	434729	5985248	12.78	7.86	59.62	-0.44	59.18	74.39
91MOB0020	14	435590	5994429	13.64	7.42	56.28	3.51	59.80	71.64
91MOB0021	14	350786	5986291	11.18	6.96	52.79	-0.73	52.06	61.73
91MOB0022	14	348391	5995709	11.40	6.70	50.82	0.88	51.71	62.48
91MOB0023	14	343644	6000122	17.90	10.94	82.98	-0.34	82.64	97.38
91MOB0024	14	346426	6000957	18.46	11.18	84.80	0.07	84.87	100.38
91MOB0025	14	339790	6007820	10.41	6.27	47.56	0.18	47.74	62.81
91MOB0026	14	349546	6000003	15.34	8.60	65.23	2.90	68.13	80.47
91MOB0027B	14	353089	6003362	10.83	6.66	50.52	-0.37	50.14	86.80
91MOB0028	14	355826	6011553	14.54	8.90	67.51	-0.33	67.18	58.89
91MOB0029	14	348718	6011610	9.52	5.68	43.08	0.39	43.47	49.31
91MOB0030	14	315683	6100400	0.11	0.54	4.10	-1.95	2.15	0.00
91MOB0031	14	324438	6097220	0.18	0.56	4.25	-1.86	2.39	0.00
91MOB0032	14	370024	6099685	0.15	0.53	4.02	-1.81	2.21	0.00
91MOB0033A	14	369147	6051387	0.81	1.09	8.27	-2.46	5.80	1.67
91MOB0033B	14	369147	6051387	1.26	1.41	10.70	-2.66	8.04	4.25
91MOB0033C	14	369147	6051387	0.59	1.21	9.18	-3.51	5.67	1.08
91MOB0034	14	370255	6049783	8.51	5.71	43.31	-2.26	41.06	47.48
91MOB0035	14	364910	6043984	10.32	6.48	49.15	-0.91	48.25	58.98
91MOB0036	14	360264	6041461	7.58	5.07	38.46	-1.94	36.51	42.82
91MOB0041	13	685910	6039437	3.65	2.43	18.43	-0.89	17.54	17.99
91MOB0042	14	307966	6042535	5.20	2.22	16.84	3.85	20.69	19.49
92EL001	14	398920	6080540	0.06	0.31	2.35	-1.13	1.22	n/a
92EL002	14	377720	6073200	0.01	0.38	2.88	-1.54	1.34	n/a
92EL003	14	401420	6112370	0.14	0.43	3.26	-1.42	1.84	n/a
92EL004	14	400300	6093890	0.03	0.53	4.02	-2.11	1.91	n/a
92EL005	14	397760	6099690	0.11	0.50	3.79	-1.78	2.01	n/a
92EL006	14	386590	6072350	0.38	0.80	6.07	-2.34	3.72	n/a
92EL007	14	384210	6072180	0.10	0.64	4.85	-2.39	2.47	n/a
92EL008	14	394330	6091370	0.01	0.54	4.10	-2.20	1.90	n/a
92EL009	14	379720	6092480	0.09	0.93	7.05	-3.60	3.45	n/a
92EL010	14	397550	6080380	0.17	0.40	3.03	-1.22	1.81	n/a
92EL011	14	399830	6076120	0.06	0.45	3.41	-1.70	1.71	n/a
92EL012	14	404530	6088570	0.07	0.24	1.82	-0.81	1.01	n/a
92EL013	14	405600	6092460	0.04	0.35	2.65	-1.34	1.31	n/a
92EL014	14	404080	6083880	0.10	0.23	1.74	-0.70	1.05	n/a
92EL015	14	381430	6082840	0.26	0.57	4.32	-1.70	2.63	n/a
92EL016	14	377860	6081950	0.04	0.51	3.87	-2.00	1.87	n/a
92EL017	14	382720	6077050	0.02	0.21	1.59	-0.81	0.78	n/a
92EL018	14	376030	6068520	0.06	0.22	1.67	-0.76	0.91	n/a
92EL019	14	378040	6076570	0.06	0.15	1.14	-0.47	0.67	n/a
92EL020	14	380510	6076720	0.13	0.62	4.70	-2.23	2.47	n/a
92EL021	14	380000	6075710	0.08	0.27	2.05	-0.91	1.14	n/a
92EL022	14	379590	6074930	0.12	0.49	3.72	-1.72	2.00	n/a
92EL023	14	376900	6088470	0.28	0.81	6.14	-2.64	3.51	n/a
92EL024	14	376120	6088110	0.14	0.43	3.26	-1.42	1.84	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92EL025	14	376380	6090160	0.15	0.63	4.78	-2.22	2.56	n/a
92EL026	14	377580	6089400	0.17	0.43	3.26	-1.35	1.92	n/a
92EL027	14	379180	6090840	0.22	0.40	3.03	-1.10	1.94	n/a
92EL028	14	378280	6090500	0.19	0.21	1.59	-0.39	1.20	n/a
92EL029	14	377700	6091280	0.16	0.17	1.29	-0.30	0.99	n/a
92EL030	14	401370	6104060	0.16	0.25	1.90	-0.63	1.27	n/a
92EL031	14	400690	6105150	0.18	0.28	2.12	-0.70	1.42	n/a
92EL032	14	399990	6105640	0.20	0.16	1.21	-0.16	1.05	n/a
92EL033	14	398790	6105380	0.18	0.33	2.50	-0.91	1.59	n/a
92EL034	14	404500	6097150	0.16	0.14	1.06	-0.18	0.89	n/a
92EL035	14	403590	6097590	0.18	0.33	2.50	-0.91	1.59	n/a
92EL036	14	403190	6097780	0.08	0.56	4.25	-2.11	2.14	n/a
92EL037	14	401510	6098800	0.21	0.63	4.78	-2.07	2.71	n/a
92EL038	14	400640	6095490	0.15	0.61	4.63	-2.14	2.49	n/a
92EL039	14	400640	6094950	0.17	0.59	4.48	-2.00	2.47	n/a
92EL040	14	399350	6093780	0.09	0.56	4.25	-2.08	2.17	n/a
92EL041	14	398840	6093870	0.17	0.20	1.52	-0.40	1.12	n/a
92EL042	14	398660	6094220	0.15	0.25	1.90	-0.65	1.24	n/a
92EL043	14	398370	6095350	0.14	0.41	3.11	-1.34	1.77	n/a
92EL044	14	398310	6096710	0.16	0.18	1.37	-0.34	1.02	n/a
92EL045	14	398020	6098050	0.12	0.23	1.74	-0.65	1.10	n/a
92EL046	14	398380	6098800	0.17	0.17	1.29	-0.28	1.01	n/a
92EL047	14	399800	6095570	0.10	0.48	3.64	-1.73	1.91	n/a
92EL048	14	399710	6096940	0.17	0.47	3.57	-1.51	2.05	n/a
92EL049	14	399220	6097970	0.10	0.38	2.88	-1.31	1.57	n/a
92EL050	14	400490	6098980	0.10	0.58	4.40	-2.14	2.26	n/a
92EL051	14	399380	6099530	0.21	0.36	2.73	-0.96	1.77	n/a
92EL052	14	387510	6073940	0.15	0.44	3.34	-1.44	1.90	n/a
92EL053	14	387400	6072980	0.15	0.34	2.58	-1.03	1.55	n/a
92EL054	14	387450	6072030	0.10	0.39	2.96	-1.36	1.60	n/a
92EL055	14	387100	6071230	0.13	0.48	3.64	-1.65	1.99	n/a
92EL056	14	387090	6070280	0.24	1.10	8.34	-3.93	4.41	n/a
92EL057	14	386120	6069700	0.16	1.05	7.96	-3.92	4.04	n/a
92EL058	14	386310	6070630	0.26	1.11	8.42	-3.92	4.50	n/a
92EL059	14	386450	6071340	0.16	0.85	6.45	-3.10	3.35	n/a
92EL060	14	386510	6073640	0.16	0.64	4.85	-2.24	2.62	n/a
92EL061	14	387120	6075870	0.19	0.56	4.25	-1.83	2.42	n/a
92EL062	14	386190	6075930	0.24	0.78	5.92	-2.61	3.30	n/a
92EL063	14	386400	6074950	0.23	0.70	5.31	-2.31	3.00	n/a
92EL064	14	387500	6074860	0.20	0.83	6.30	-2.92	3.38	n/a
92EL065	14	385260	6075430	0.17	0.63	4.78	-2.17	2.61	n/a
92EL066	14	385320	6074610	0.17	0.40	3.03	-1.22	1.81	n/a
92EL067	14	385050	6073530	0.21	0.76	5.76	-2.60	3.16	n/a
92EL068	14	384520	6072870	0.15	0.41	3.11	-1.31	1.80	n/a
92EL069	14	384430	6071280	0.19	0.67	5.08	-2.28	2.80	n/a
92EL070	14	400480	6073230	0.14	0.28	2.12	-0.80	1.32	n/a
92EL071	14	399650	6072860	0.15	0.43	3.26	-1.40	1.87	n/a
92EL072	14	397460	6068490	0.15	0.43	3.26	-1.40	1.87	n/a
92EL073	14	395520	6094900	0.14	0.42	3.19	-1.38	1.81	n/a
92EL074	14	394890	6094230	0.20	0.38	2.88	-1.07	1.82	n/a
92EL075	14	395480	6093080	0.16	0.37	2.81	-1.12	1.68	n/a
92EL076	14	392580	6094300	0.17	0.53	4.02	-1.76	2.26	n/a
92EL077	14	391790	6093400	0.49	0.62	4.70	-1.33	3.37	n/a
92EL078	14	391790	6092710	0.16	0.47	3.57	-1.54	2.03	n/a
92EL079	14	393160	6091700	0.17	0.70	5.31	-2.46	2.85	n/a
92EL080	14	393880	6089890	0.22	0.34	2.58	-0.85	1.73	n/a
92EL081	14	392100	6070540	0.27	1.01	7.66	-3.48	4.18	n/a
92EL082	14	392690	6073880	0.18	0.33	2.50	-0.91	1.59	n/a
92EL083	14	391700	6075980	0.26	0.66	5.01	-2.07	2.94	n/a
92EL084	14	373290	6093700	1.15	0.80	6.07	-0.42	5.65	n/a
92EL085	14	373920	6094440	0.12	0.62	4.70	-2.25	2.45	n/a
92EL086	14	374700	6091240	0.20	0.56	4.25	-1.81	2.44	n/a
92EL087	14	375690	6092030	0.14	0.72	5.46	-2.61	2.85	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92EL088	14	375790	6093680	0.16	0.82	6.22	-2.98	3.24	n/a
92EL089	14	377320	6093390	0.25	1.04	7.89	-3.66	4.23	n/a
92EL090	14	383620	6086700	0.13	0.48	3.64	-1.65	1.99	n/a
92EL091	14	384570	6087770	0.07	0.51	3.87	-1.92	1.94	n/a
92EL092	14	384770	6089080	0.11	0.57	4.32	-2.07	2.25	n/a
92EL093	14	395020	6082850	0.14	0.40	3.03	-1.30	1.74	n/a
92EL094	14	391440	6083600	0.20	0.72	5.46	-2.46	3.00	n/a
92EL095	14	385990	6083740	0.12	0.53	4.02	-1.88	2.14	n/a
92EL096	14	386800	6084710	0.18	0.76	5.76	-2.68	3.09	n/a
92EL097	14	404300	6101070	0.25	0.62	4.70	-1.93	2.77	n/a
92EL098	14	404330	6100470	0.14	0.67	5.08	-2.41	2.67	n/a
92EL099	14	402990	6100800	0.10	0.71	5.39	-2.67	2.71	n/a
92EL100	14	399440	6081490	0.11	0.67	5.08	-2.48	2.60	n/a
92EL101	14	399250	6079950	0.15	0.45	3.41	-1.48	1.94	n/a
92EL102	14	399080	6078630	0.05	0.57	4.32	-2.22	2.10	n/a
92EL103	14	401750	6074270	0.02	0.43	3.26	-1.72	1.54	n/a
92EL104	14	401790	6075500	0.16	0.36	2.73	-1.08	1.65	n/a
92EL105	14	402200	6077270	0.11	0.22	1.67	-0.63	1.04	n/a
92EL106	14	400990	6077980	0.13	0.36	2.73	-1.16	1.57	n/a
92EL107	14	400050	6078240	0.07	0.19	1.44	-0.61	0.83	n/a
92EL108	14	398400	6077310	0.09	0.52	3.94	-1.92	2.03	n/a
92EL109	14	397340	6077000	0.06	0.25	1.90	-0.88	1.02	n/a
92EL110	14	399980	6075340	0.07	0.34	2.58	-1.22	1.35	n/a
92EL111	14	400020	6083380	0.14	0.27	2.05	-0.76	1.29	n/a
92EL112	14	400170	6083380	0.14	0.46	3.49	-1.54	1.94	n/a
92EL113	14	400920	6083340	0.08	0.18	1.37	-0.54	0.82	n/a
92EL114	14	398770	6083430	0.15	0.18	1.37	-0.37	1.00	n/a
92EL115	14	397920	6078590	0.11	0.19	1.44	-0.51	0.93	n/a
92EL116	14	399400	6077620	0.14	0.52	3.94	-1.79	2.15	n/a
92EL117	14	402210	6090060	0.74	0.83	6.30	-1.57	4.73	n/a
92EL118	14	402840	6089790	2.74	1.29	9.78	1.53	11.32	n/a
92EL119	14	403510	6089390	0.37	0.74	5.61	-2.12	3.49	n/a
92EL120	14	405320	6088790	0.29	0.71	5.39	-2.20	3.19	n/a
92EL121	14	406330	6088840	0.08	0.45	3.41	-1.65	1.76	n/a
92EL122	14	406300	6089830	0.12	0.28	2.12	-0.85	1.27	n/a
92EL123	14	405310	6089580	0.11	0.65	4.93	-2.40	2.53	n/a
92EL124	14	404840	6090580	0.24	0.58	4.40	-1.79	2.61	n/a
92EL125	14	403600	6090260	0.36	0.89	6.75	-2.77	3.99	n/a
92EL126	14	403020	6090850	0.06	0.85	6.45	-3.35	3.10	n/a
92EL127	14	402430	6091390	1.25	0.57	4.32	0.77	5.10	n/a
92EL128	14	402410	6092520	0.28	0.33	2.50	-0.66	1.84	n/a
92EL129	14	404060	6092170	0.50	0.66	5.01	-1.47	3.54	n/a
92EL130	14	406790	6091260	0.20	0.77	5.84	-2.67	3.17	n/a
92EL131	14	409720	6089400	0.03	0.53	4.02	-2.11	1.91	n/a
92EL132	14	408730	6089040	0.12	0.48	3.64	-1.68	1.96	n/a
92EL133	14	408430	6087400	0.14	0.57	4.32	-2.00	2.33	n/a
92EL134	14	409570	6087940	0.10	0.39	2.96	-1.36	1.60	n/a
92EL135	14	402490	6080710	0.06	0.30	2.28	-1.09	1.19	n/a
92EL136	14	402920	6081940	0.07	0.54	4.10	-2.05	2.05	n/a
92EL137	14	403080	6082950	0.15	0.43	3.26	-1.40	1.87	n/a
92EL138	14	403220	6084240	0.17	0.53	4.02	-1.76	2.26	n/a
92EL139	14	404320	6085160	0.11	0.33	2.50	-1.08	1.42	n/a
92EL140	14	405980	6084520	0.10	0.26	1.97	-0.82	1.15	n/a
92EL141	14	406400	6085880	0.18	0.62	4.70	-2.10	2.60	n/a
92EL142	14	405220	6083340	0.17	0.40	3.03	-1.22	1.81	n/a
92EL143	14	404290	6082530	0.16	0.42	3.19	-1.33	1.86	n/a
92EL144	14	402650	6078210	0.09	0.54	4.10	-2.00	2.10	n/a
92EL145	14	403110	6078530	0.18	0.53	4.02	-1.73	2.29	n/a
92EL146	14	403620	6078980	0.20	0.53	4.02	-1.68	2.34	n/a
92EL147	14	404210	6079930	0.06	0.63	4.78	-2.44	2.33	n/a
92EL148	14	404430	6081390	0.13	0.51	3.87	-1.78	2.09	n/a
92EL149	14	381250	6082090	0.21	0.58	4.40	-1.86	2.54	n/a
92EL150	14	381360	6083690	0.17	0.50	3.79	-1.63	2.16	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92EL151	14	380350	6082800	0.15	0.47	3.57	-1.56	2.00	n/a
92EL152	14	377860	6080710	0.13	0.51	3.87	-1.78	2.09	n/a
92EL153	14	378980	6080630	0.21	0.59	4.48	-1.90	2.57	n/a
92EL154	14	380020	6081500	0.17	0.36	2.73	-1.06	1.67	n/a
92EL155	14	379690	6082420	2.09	1.44	10.92	-0.71	10.21	n/a
92EL156	14	379680	6083620	0.16	0.46	3.49	-1.49	1.99	n/a
92EL157	14	379100	6083240	0.27	0.65	4.93	-2.00	2.93	n/a
92EL158	14	378850	6082420	0.16	0.56	4.25	-1.91	2.34	n/a
92EL159	14	379110	6081570	0.18	0.46	3.49	-1.44	2.04	n/a
92EL160	14	377040	6080660	0.24	0.67	5.08	-2.16	2.92	n/a
92EL161	14	376170	6079650	0.31	0.68	5.16	-2.03	3.13	n/a
92EL162	14	378020	6079640	0.31	0.60	4.55	-1.70	2.86	n/a
92EL163	14	378190	6079020	0.26	0.39	2.96	-0.96	2.00	n/a
92EL164	14	377430	6078130	0.17	0.66	5.01	-2.29	2.71	n/a
92EL165	14	381490	6081170	0.12	0.23	1.74	-0.65	1.10	n/a
92EL166	14	382160	6080650	0.08	0.33	2.50	-1.16	1.34	n/a
92EL167	14	382000	6079890	0.10	0.42	3.19	-1.48	1.71	n/a
92EL168	14	382590	6078960	0.13	0.25	1.90	-0.70	1.19	n/a
92EL169	14	383460	6078040	0.10	0.28	2.12	-0.90	1.22	n/a
92EL170	14	382130	6077470	0.06	0.40	3.03	-1.50	1.54	n/a
92EL171	14	379760	6081640	0.11	0.38	2.88	-1.29	1.59	n/a
92EL172	14	379180	6079940	0.24	0.30	2.28	-0.64	1.64	n/a
92EL173	14	378500	6077970	0.03	0.28	2.12	-1.08	1.05	n/a
92EL174	14	379340	6078470	0.06	0.26	1.97	-0.92	1.05	n/a
92EL175	14	377380	6077180	0.12	0.45	3.41	-1.55	1.86	n/a
92EL176	14	377670	6075450	0.18	0.75	5.69	-2.64	3.05	n/a
92EL177	14	377710	6074880	0.21	0.82	6.22	-2.85	3.37	n/a
92EL178	14	377020	6073900	0.16	0.29	2.20	-0.79	1.41	n/a
92EL179	14	376420	6072870	0.16	0.51	3.87	-1.70	2.17	n/a
92EL180	14	376800	6069990	0.07	0.44	3.34	-1.64	1.70	n/a
92EL181	14	377210	6070670	0.33	0.62	4.70	-1.73	2.97	n/a
92EL183	14	377480	6071550	0.24	0.34	2.58	-0.80	1.78	n/a
92EL184	14	377810	6072300	1.42	1.18	8.95	-1.31	7.64	n/a
92EL185	14	379080	6074120	0.38	0.92	6.98	-2.84	4.14	n/a
92HJB1000	13	687475	6082000	0.19	0.17	1.29	-0.23	1.06	n/a
92HJB1001	13	686650	6084650	0.03	0.93	7.05	-3.75	3.30	n/a
92HJB1002	13	683450	6083860	0.09	0.38	2.88	-1.34	1.54	n/a
92HJB1003	13	673075	6083150	0.11	0.40	3.03	-1.37	1.66	n/a
92HJB1004	13	669685	6082550	0.09	0.53	4.02	-1.96	2.06	n/a
92HJB1005A	14	311100	6080645	0.27	0.73	5.54	-2.33	3.21	n/a
92HJB1005B	14	311100	6080645	0.71	3.33	25.26	-11.94	13.32	n/a
92HJB1006	14	312850	6078675	0.36	0.66	5.01	-1.82	3.19	n/a
92HJB1007	14	312475	6075200	0.09	0.57	4.32	-2.12	2.20	n/a
92HJB1008	14	311650	6081425	0.10	0.58	4.40	-2.14	2.26	n/a
92HJB1009	14	315300	6080945	0.50	0.39	2.96	-0.36	2.60	n/a
92HJB1010	14	314050	6081200	0.11	0.31	2.35	-1.00	1.35	n/a
92HJB1011	14	307300	6078400	0.19	0.51	3.87	-1.63	2.24	n/a
92HJB1012	14	309550	6077250	0.21	0.18	1.37	-0.22	1.15	n/a
92HJB1013	14	307125	6088275	0.12	0.38	2.88	-1.26	1.62	n/a
92HJB1014	13	692125	6086100	0.14	0.23	1.74	-0.60	1.14	n/a
92HJB1015A	13	692370	6085370	0.12	0.55	4.17	-1.96	2.21	n/a
92HJB1015B	13	692370	6085370	0.06	0.44	3.34	-1.66	1.68	n/a
92HJB1016	14	308100	6085100	0.11	0.30	2.28	-0.96	1.32	n/a
92HJB1017	14	309460	6083240	0.03	0.26	1.97	-1.00	0.97	n/a
92HJB1018	13	670305	6087650	0.13	0.52	3.94	-1.82	2.12	n/a
92HJB1019	13	670030	6086700	0.10	0.54	4.10	-1.97	2.13	1.17
92HJB1020	13	669645	6086165	0.12	0.17	1.29	-0.40	0.89	n/a
92HJB1021	13	668410	6085590	0.12	0.49	3.72	-1.72	2.00	n/a
92HJB1022A	13	668000	6083630	0.09	0.49	3.72	-1.79	1.93	n/a
92HJB1022B	13	668000	6083630	0.14	0.23	1.74	-0.60	1.14	n/a
92HJB1023	13	669320	6082150	0.19	0.12	0.91	-0.02	0.89	n/a
92HJB1024	13	664290	6083170	0.13	0.52	3.94	-1.82	2.12	n/a
92HJB1025A	13	690030	6079955	0.29	0.40	3.03	-0.92	2.11	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92HJB1025B	13	690030	6079955	0.31	0.58	4.40	-1.61	2.79	n/a
92HJB1025C	13	690030	6079955	0.19	0.49	3.72	-1.54	2.18	n/a
92HJB1026	14	315110	6071280	0.12	0.30	2.28	-0.94	1.34	n/a
92HJB1027	14	312395	6072535	0.22	0.37	2.81	-0.97	1.84	n/a
92HJB1028	14	311180	6075365	0.05	0.64	4.85	-2.51	2.34	n/a
92HJB1029	13	686045	6079030	0.18	0.56	4.25	-1.86	2.39	n/a
92HJB1030	13	687395	6079170	0.33	0.62	4.70	-1.73	2.97	n/a
92HJB1031	13	688445	6078540	0.31	0.76	5.76	-2.35	3.41	n/a
92HJB1032	13	689750	6078590	0.21	0.16	1.21	-0.13	1.08	n/a
92HJB1033	13	675130	6080430	0.29	0.40	3.03	-0.92	2.11	n/a
92HJB1034	13	676425	6079125	0.19	0.64	4.85	-2.16	2.69	n/a
92HJB1035	13	678350	6081120	0.25	0.52	3.94	-1.52	2.42	n/a
92HJB1036	13	679515	6078950	0.20	0.26	1.97	-0.57	1.40	n/a
92HJB1037	13	680540	6080490	0.37	0.70	5.31	-1.96	3.35	n/a
92HJB1038	13	681860	6079880	0.18	0.45	3.41	-1.40	2.01	n/a
92HJB1039	13	683640	6080240	0.24	0.29	2.20	-0.59	1.61	n/a
92HJB1040	13	685945	6077500	0.12	0.47	3.57	-1.64	1.93	n/a
92HJB1041	13	686740	6089930	0.11	0.33	2.50	-1.08	1.42	n/a
92HJB1042	13	685645	6088600	0.02	0.62	4.70	-2.50	2.20	n/a
92HJB1043A	13	684700	6087040	0.07	0.44	3.34	-1.64	1.70	n/a
92HJB1043B	13	684700	6087040	0.04	0.41	3.11	-1.59	1.52	n/a
92HJB1044	13	688230	6086440	0.03	0.21	1.59	-0.79	0.80	n/a
92HJB1045	14	312440	6071845	0.23	0.34	2.58	-0.83	1.75	n/a
92HJB1046	14	312950	6071425	0.05	0.38	2.88	-1.44	1.44	n/a
92HJB1047	13	687800	6080820	0.20	0.53	4.02	-1.68	2.34	n/a
92HJB1048	13	660550	6080305	0.13	0.53	4.02	-1.86	2.16	n/a
92HJB1049	14	313450	6076045	0.25	0.34	2.58	-0.78	1.80	n/a
92HJB1050	13	691160	6078895	0.17	0.53	4.02	-1.76	2.26	n/a
92HJB1051	14	315300	6080945	0.31	0.89	6.75	-2.89	3.86	n/a
92HJB2000	14	314175	6070150	0.23	0.37	2.81	-0.95	1.86	n/a
92HJB2001	14	311175	6063450	0.26	0.56	4.25	-1.66	2.59	n/a
92HJB2002	14	315875	6058330	0.29	0.93	7.05	-3.10	3.95	n/a
92HJB2003	14	315550	6068665	1.24	1.55	11.76	-3.28	8.48	n/a
92HJB2004	14	307710	6056595	0.16	0.78	5.92	-2.81	3.11	n/a
92HJB2005	14	307775	6055360	0.33	1.20	9.10	-4.12	4.98	n/a
92HJB2006A	14	306770	6053380	0.17	0.89	6.75	-3.24	3.51	n/a
92HJB2006B	14	306770	6053380	7.17	1.44	10.92	11.98	22.90	n/a
92HJB2007	13	691500	6063600	0.31	0.48	3.64	-1.20	2.44	n/a
92HJB2008	13	692525	6056525	1.22	1.19	9.03	-1.85	7.18	n/a
92HJB2009	13	693125	6055225	0.77	1.39	10.54	-3.80	6.74	n/a
92HJB2010	14	306580	6052440	0.76	1.51	11.45	-4.32	7.13	n/a
92HJB2011	13	691635	6046160	1.71	1.82	13.81	-3.22	10.59	n/a
92HJB2012	13	693775	6044510	2.11	1.76	13.35	-1.98	11.37	n/a
92HJB2013	14	306775	6043300	8.67	4.64	35.20	2.55	37.75	n/a
92HJB2014	13	689075	6042875	1.21	1.90	14.41	-4.80	9.61	n/a
92HJB2015	13	686600	6043075	0.27	0.86	6.52	-2.87	3.65	n/a
92HJB2016	13	685250	6045050	3.05	2.08	15.78	-0.95	14.83	n/a
92HJB2017A	13	685390	6048790	0.35	1.26	9.56	-4.31	5.25	n/a
92HJB2017B	13	685390	6048790	0.33	0.97	7.36	-3.17	4.19	n/a
92HJB2018A	13	685260	6051625	0.21	0.79	5.99	-2.73	3.26	n/a
92HJB2018B	13	685260	6051625	0.39	1.16	8.80	-3.80	5.00	n/a
92HJB2019	13	686710	6053940	12.91	1.55	11.76	25.86	37.62	n/a
92HJB2020	13	687750	6055685	0.44	1.19	9.03	-3.80	5.23	n/a
92HJB2021	14	311175	6043700	5.97	2.92	22.15	2.89	25.04	n/a
92HJB2022	14	312255	6045920	3.11	2.57	19.49	-2.81	16.68	n/a
92HJB2023	14	313420	6045040	3.02	2.34	17.75	-2.09	15.66	n/a
92HJB2024	14	313000	6047785	5.19	2.57	19.49	2.38	21.87	n/a
92HJB2025	14	313230	6049650	2.33	2.01	15.25	-2.46	12.79	n/a
92HJB2026A	13	680025	6049500	3.07	1.30	9.86	2.31	12.17	n/a
92HJB2026B	13	680025	6049500	1.90	1.25	9.48	-0.40	9.08	n/a
92HJB2027	13	677650	6048900	0.42	0.95	7.21	-2.86	4.35	n/a
92HJB2028	13	684425	6055400	5.41	1.18	8.95	8.65	17.60	n/a
92HJB2029	14	310725	6049600	10.00	6.23	47.26	-0.68	46.58	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92HJB1025B	13	690030	6079955	0.31	0.58	4.40	-1.61	2.79	n/a
92HJB1025C	13	690030	6079955	0.19	0.49	3.72	-1.54	2.18	n/a
92HJB1026	14	315110	6071280	0.12	0.30	2.28	-0.94	1.34	n/a
92HJB1027	14	312395	6072535	0.22	0.37	2.81	-0.97	1.84	n/a
92HJB1028	14	311180	6075365	0.05	0.64	4.85	-2.51	2.34	n/a
92HJB1029	13	686045	6079030	0.18	0.56	4.25	-1.86	2.39	n/a
92HJB1030	13	687395	6079170	0.33	0.62	4.70	-1.73	2.97	n/a
92HJB1031	13	688445	6078540	0.31	0.76	5.76	-2.35	3.41	n/a
92HJB1032	13	689750	6078590	0.21	0.16	1.21	-0.13	1.08	n/a
92HJB1033	13	675130	6080430	0.29	0.40	3.03	-0.92	2.11	n/a
92HJB1034	13	676425	6079125	0.19	0.64	4.85	-2.16	2.69	n/a
92HJB1035	13	678350	6081120	0.25	0.52	3.94	-1.52	2.42	n/a
92HJB1036	13	679515	6078950	0.20	0.26	1.97	-0.57	1.40	n/a
92HJB1037	13	680540	6080490	0.37	0.70	5.31	-1.96	3.35	n/a
92HJB1038	13	681860	6079880	0.18	0.45	3.41	-1.40	2.01	n/a
92HJB1039	13	683640	6080240	0.24	0.29	2.20	-0.59	1.61	n/a
92HJB1040	13	685945	6077500	0.12	0.47	3.57	-1.64	1.93	n/a
92HJB1041	13	686740	6089930	0.11	0.33	2.50	-1.08	1.42	n/a
92HJB1042	13	685645	6088600	0.02	0.62	4.70	-2.50	2.20	n/a
92HJB1043A	13	684700	6087040	0.07	0.44	3.34	-1.64	1.70	n/a
92HJB1043B	13	684700	6087040	0.04	0.41	3.11	-1.59	1.52	n/a
92HJB1044	13	688230	6086440	0.03	0.21	1.59	-0.79	0.80	n/a
92HJB1045	14	312440	6071845	0.23	0.34	2.58	-0.83	1.75	n/a
92HJB1046	14	312950	6071425	0.05	0.38	2.88	-1.44	1.44	n/a
92HJB1047	13	687800	6080820	0.20	0.53	4.02	-1.68	2.34	n/a
92HJB1048	13	660550	6080305	0.13	0.53	4.02	-1.86	2.16	n/a
92HJB1049	14	313450	6076045	0.25	0.34	2.58	-0.78	1.80	n/a
92HJB1050	13	691160	6078895	0.17	0.53	4.02	-1.76	2.26	n/a
92HJB1051	14	315300	6080945	0.31	0.89	6.75	-2.89	3.86	n/a
92HJB2000	14	314175	6070150	0.23	0.37	2.81	-0.95	1.86	n/a
92HJB2001	14	311175	6063450	0.26	0.56	4.25	-1.66	2.59	n/a
92HJB2002	14	315875	6058330	0.29	0.93	7.05	-3.10	3.95	n/a
92HJB2003	14	315550	6068665	1.24	1.55	11.76	-3.28	8.48	n/a
92HJB2004	14	307710	6056595	0.16	0.78	5.92	-2.81	3.11	n/a
92HJB2005	14	307775	6055360	0.33	1.20	9.10	-4.12	4.98	n/a
92HJB2006A	14	306770	6053380	0.17	0.89	6.75	-3.24	3.51	n/a
92HJB2006B	14	306770	6053380	7.17	1.44	10.92	11.98	22.90	n/a
92HJB2007	13	691500	6063600	0.31	0.48	3.64	-1.20	2.44	n/a
92HJB2008	13	692525	6056525	1.22	1.19	9.03	-1.85	7.18	n/a
92HJB2009	13	693125	6055225	0.77	1.39	10.54	-3.80	6.74	n/a
92HJB2010	14	306580	6052440	0.76	1.51	11.45	-4.32	7.13	n/a
92HJB2011	13	691635	6046160	1.71	1.82	13.81	-3.22	10.59	n/a
92HJB2012	13	693775	6044510	2.11	1.76	13.35	-1.98	11.37	n/a
92HJB2013	14	306775	6043300	8.67	4.64	35.20	2.55	37.75	n/a
92HJB2014	13	689075	6042875	1.21	1.90	14.41	-4.80	9.61	n/a
92HJB2015	13	686600	6043075	0.27	0.86	6.52	-2.87	3.65	n/a
92HJB2016	13	685250	6045050	3.05	2.08	15.78	-0.95	14.83	n/a
92HJB2017A	13	685390	6048790	0.35	1.26	9.56	-4.31	5.25	n/a
92HJB2017B	13	685390	6048790	0.33	0.97	7.36	-3.17	4.19	n/a
92HJB2018A	13	685260	6051625	0.21	0.79	5.99	-2.73	3.26	n/a
92HJB2018B	13	685260	6051625	0.39	1.16	8.80	-3.80	5.00	n/a
92HJB2019	13	686710	6053940	12.91	1.55	11.76	25.86	37.62	n/a
92HJB2020	13	687750	6055685	0.44	1.19	9.03	-3.80	5.23	n/a
92HJB2021	14	311175	6043700	5.97	2.92	22.15	2.89	25.04	n/a
92HJB2022	14	312255	6045920	3.11	2.57	19.49	-2.81	16.68	n/a
92HJB2023	14	313420	6045040	3.02	2.34	17.75	-2.09	15.66	n/a
92HJB2024	14	313000	6047785	5.19	2.57	19.49	2.38	21.87	n/a
92HJB2025	14	313230	6049650	2.33	2.01	15.25	-2.46	12.79	n/a
92HJB2026A	13	680025	6049500	3.07	1.30	9.86	2.31	12.17	n/a
92HJB2026B	13	680025	6049500	1.90	1.25	9.48	-0.40	9.08	n/a
92HJB2027	13	677650	6048900	0.42	0.95	7.21	-2.86	4.35	n/a
92HJB2028	13	684425	6055400	5.41	1.18	8.95	8.65	17.60	n/a
92HJB2029	14	310725	6049600	10.00	6.23	47.26	-0.68	46.58	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92HJB2030	14	309800	6047950	3.51	1.80	13.65	1.35	15.00	n/a
92HJB2031	14	309150	6046050	5.77	3.51	26.62	-0.04	26.58	n/a
92HJB2032A	14	307625	6044825	17.14	10.26	77.82	0.56	78.38	n/a
92HJB2032B	14	307625	6044825	3.63	3.11	23.59	-3.74	19.85	n/a
92HJB2033	13	686050	6059375	0.35	1.29	9.78	-4.44	5.34	n/a
92HJB2034	13	684000	6058150	0.31	1.16	8.80	-4.00	4.80	n/a
92HJB2035	13	686500	6063350	0.30	0.72	5.46	-2.22	3.24	n/a
92HJB2036A	13	691200	6064900	0.17	0.34	2.58	-0.98	1.60	n/a
92HJB2036B	13	691200	6064900	0.28	0.42	3.19	-1.03	2.16	n/a
92HJB2036C	13	691200	6064900	0.31	0.42	3.19	-0.95	2.24	n/a
92HJB2037A	14	310715	6056350	0.19	0.52	3.94	-1.67	2.27	n/a
92HJB2037B	14	310715	6056350	1.57	1.73	13.12	-3.20	9.92	n/a
92HJB2038A	14	310280	6055230	0.42	1.16	8.80	-3.73	5.07	n/a
92HJB2038B	14	310280	6055230	2.25	1.27	9.63	0.39	10.02	n/a
92HJB2039	14	308570	6054825	0.67	1.18	8.95	-3.18	5.77	n/a
92HJB2040	13	687800	6052500	0.14	1.07	8.12	-4.06	4.06	n/a
92HJB2041	13	686400	6050720	0.08	0.80	6.07	-3.09	2.98	n/a
92HJB2042A	13	684490	6066000	0.22	0.40	3.03	-1.10	1.93	n/a
92HJB2042B	13	684490	6066000	0.39	1.11	8.42	-3.60	4.82	n/a
92HJB2043	13	681475	6067195	0.48	1.40	10.62	-4.57	6.05	n/a
92HJB2044	13	679400	6070775	0.25	0.82	6.22	-2.75	3.47	n/a
92HJB2045	13	677805	6070455	0.14	0.92	6.98	-3.44	3.54	n/a
92HJB2046	13	679100	6068525	0.24	0.87	6.60	-2.98	3.62	n/a
92HJB2047	13	677625	6067105	0.24	0.54	4.10	-1.62	2.48	n/a
92HJB2048	13	676050	6067860	0.44	1.07	8.12	-3.31	4.81	n/a
92HJB2049A	13	676560	6065775	0.26	0.72	5.46	-2.31	3.15	n/a
92HJB2049B	13	676560	6065775	0.33	0.96	7.28	-3.13	4.15	n/a
92HJB2050	13	674395	6067025	0.41	0.52	3.94	-1.12	2.82	n/a
92HJB2051A	13	676400	6064050	0.27	0.80	6.07	-2.62	3.45	n/a
92HJB2051B	13	676400	6064050	0.40	1.08	8.19	-3.45	4.74	n/a
92HJB2052	13	674900	6063945	0.27	0.79	5.99	-2.58	3.41	n/a
92HJB2053	13	673625	6062475	0.33	1.09	8.27	-3.66	4.61	n/a
92HJB2054	13	675500	6061475	0.29	0.62	4.70	-1.83	2.87	n/a
92HJB2055	13	672330	6061150	0.28	0.81	6.14	-2.64	3.50	n/a
92HJB2056	13	672265	6055000	0.25	0.92	6.98	-3.16	3.82	n/a
92HJB2057	13	672060	6058275	0.30	0.99	7.51	-3.33	4.18	n/a
92HJB2058	13	674155	6059630	0.27	0.80	6.07	-2.62	3.45	n/a
92HJB2059	13	674680	6057075	0.20	1.13	8.57	-4.15	4.42	n/a
92HJB2060	13	679150	6056530	0.28	0.94	7.13	-3.17	3.96	n/a
92HJB2061	13	676475	6056630	0.25	0.62	4.70	-1.93	2.77	n/a
92HJB2062	13	677535	6058835	0.26	0.53	4.02	-1.53	2.49	n/a
92HJB2063A	13	677900	6060885	0.24	0.71	5.39	-2.32	3.07	n/a
92HJB2063B	13	677900	6060885	0.29	0.53	4.02	-1.46	2.56	n/a
92HJB2064	13	680565	6058435	0.29	1.61	12.21	-5.90	6.31	n/a
92HJB2065	13	682540	6059450	0.26	0.75	5.69	-2.44	3.25	n/a
92HJB2066	13	690850	6055950	8.54	1.67	12.67	14.45	27.12	n/a
92HJB2067A	13	689530	6053650	0.21	0.94	7.13	-3.35	3.78	n/a
92HJB2067B	13	689530	6053650	2.84	1.91	14.49	-0.77	13.72	n/a
92HJB2068A	13	690225	6051700	0.25	0.71	5.39	-2.30	3.09	n/a
92HJB2068B	13	690225	6051700	0.29	1.11	8.42	-3.85	4.57	n/a
92HJB2069A	13	689450	6061525	0.18	0.53	4.02	-1.73	2.29	n/a
92HJB2069B	13	689450	6061525	0.42	0.43	3.26	-0.72	2.54	n/a
92HJB2070	13	689135	6061985	0.24	0.69	5.23	-2.24	2.99	n/a
92HJB2071	13	689150	6062025	2.53	1.85	14.03	-1.30	12.73	n/a
92HJB2072	14	313420	6068250	0.33	0.55	4.17	-1.44	2.73	n/a
92HJB2073	14	314725	6065300	0.41	2.29	17.37	-8.40	8.97	n/a
92HJB2074	14	315725	6068275	0.25	0.38	2.88	-0.94	1.94	n/a
92HJB2075	14	313080	6063260	0.24	0.82	6.22	-2.78	3.44	n/a
92HJB2076	13	690900	6060375	0.19	1.05	7.96	-3.85	4.11	n/a
92HJB2077	14	308420	6058515	1.32	1.92	14.56	-4.61	9.95	n/a
92HJB2078	14	311940	6097975	0.27	0.54	4.10	-1.55	2.55	n/a
92JC0001	13	633000	6119250	0.16	0.39	2.96	-1.21	1.75	n/a
92JC0003	13	641315	6122775	0.06	0.45	3.41	-1.70	1.71	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92JC0005	13	633500	6116400	0.05	0.55	4.17	-2.14	2.03	n/a
92JC0007	13	634600	6114150	0.08	1.11	8.42	-4.37	4.05	n/a
92JC0009	13	636475	6111535	0.02	0.66	5.01	-2.67	2.34	n/a
92JC0011	13	637225	6108340	0.06	0.45	3.41	-1.70	1.71	n/a
92JC0013	13	637180	6102325	0.11	0.67	5.08	-2.48	2.60	n/a
92JC0017	13	641100	6099360	0.12	0.38	2.88	-1.26	1.62	n/a
92JC0018	13	641100	6099360	0.16	0.70	5.31	-2.48	2.83	n/a
92JC0020	13	642475	6097775	0.17	0.77	5.84	-2.75	3.09	n/a
92JC0022	13	644500	6093260	0.07	0.59	4.48	-2.25	2.23	n/a
92JC0024	13	645225	6091670	0.14	0.86	6.52	-3.19	3.33	n/a
92JC0026	13	645000	6088560	0.07	0.40	3.03	-1.47	1.56	n/a
92JC0027	13	645000	6088560	0.12	0.20	1.52	-0.52	1.00	n/a
92JC0029	13	643640	6085640	0.11	0.63	4.78	-2.32	2.46	n/a
92JC0031	13	642410	6080025	0.08	0.33	2.50	-1.16	1.34	n/a
92JC0033	13	640525	6076265	0.12	0.10	0.76	-0.11	0.65	n/a
92JC0035	13	639800	6090130	0.10	0.56	4.25	-2.06	2.19	n/a
92JC0037	13	634500	6069150	0.17	0.26	1.97	-0.65	1.32	n/a
92JC0039	13	639175	6075730	0.16	0.15	1.14	-0.22	0.92	n/a
92JC0041	13	630610	6066175	0.15	0.18	1.37	-0.37	1.00	n/a
92JC0043	13	637850	6061125	1.34	0.95	7.21	-0.56	6.65	n/a
92JC0045	13	634020	6064020	0.18	0.59	4.48	-1.98	2.50	n/a
92JC0047	13	643865	6078050	0.11	0.34	2.58	-1.13	1.45	n/a
92JC0049	13	646760	6077800	0.14	0.18	1.37	-0.39	0.98	n/a
92JC0051	13	655720	6079510	0.14	0.84	6.37	-3.11	3.26	n/a
92JC0052	13	655720	6079510	0.17	0.49	3.72	-1.59	2.13	n/a
92JC0054	13	659375	6080830	0.14	0.42	3.19	-1.38	1.81	n/a
92JC0056	13	658840	6082330	0.25	0.37	2.81	-0.90	1.91	n/a
92JC0058	13	653425	6079760	0.27	0.51	3.87	-1.43	2.44	n/a
92JC0060	13	651450	6077080	0.12	0.09	0.68	-0.07	0.61	n/a
92JC0062	13	632175	6117650	0.02	0.20	1.52	-0.77	0.75	n/a
92JC0064	13	639750	6120375	0.05	0.37	2.81	-1.40	1.41	n/a
92JC0066	13	642765	6082160	0.18	0.95	7.21	-3.46	3.75	n/a
92JC0068	13	648775	6076600	0.19	0.28	2.12	-0.68	1.44	n/a
92JC0069	13	688865	6042365	2.32	2.02	15.32	-2.52	12.80	n/a
92JC0071	13	687500	6040320	0.92	1.27	9.63	-2.93	6.70	n/a
92JC0073	13	684425	6035900	0.34	0.66	5.01	-1.87	3.14	n/a
92JC0075	13	685460	6038825	2.05	1.73	13.12	-2.00	11.12	n/a
92JC0077	13	686150	6041600	0.18	0.70	5.31	-2.43	2.88	n/a
92JC0078	13	686150	6041600	0.30	0.88	6.67	-2.87	3.80	n/a
92MOB0001	14	449581	6050986	11.51	5.73	43.46	5.15	48.61	n/a
92MOB0008	14	487175	5983781	15.72	9.30	70.54	0.97	71.51	n/a
92MOB0011	14	489048	6005732	9.67	3.89	29.51	8.13	37.64	n/a
92MOB0012	14	517497	6080021	8.51	2.56	19.42	10.71	30.13	n/a
92MOB0019	14	496578	6059712	3.47	1.44	10.92	2.74	13.66	n/a
92MOB0024	14	493549	6055649	6.73	3.36	25.49	2.97	28.46	n/a
92MOB0027	14	493219	6055850	10.44	2.71	20.56	14.91	35.47	n/a
92MOB0029	14	452837	6045904	12.59	7.40	56.13	0.97	57.11	n/a
92MOB0032	14	448548	6035727	11.76	6.95	52.72	0.75	53.47	n/a
92MOB0035	14	445619	6034922	10.94	6.38	48.39	1.05	49.44	n/a
92MOB0039	14	447492	6035510	12.01	6.77	51.35	2.12	53.47	n/a
92MOB0042	14	450709	6037941	12.43	7.46	56.59	0.33	56.91	n/a
92MOB0045	14	450629	6039708	8.53	5.67	43.01	-2.04	40.97	n/a
92MOB0048	14	450100	6045550	10.66	6.50	49.30	-0.14	49.16	n/a
92MOB0057	14	445872	6060150	0.21	0.69	5.23	-2.32	2.92	n/a
92MOB0060	14	445073	6061536	0.27	0.94	7.13	-3.20	3.93	n/a
92MOB0063	14	444010	6063119	0.14	0.60	4.55	-2.12	2.43	n/a
92MOB0067	14	450027	6047298	10.68	5.90	44.75	2.38	47.13	n/a
92MOB0070	14	443205	6055708	1.97	1.09	8.27	0.43	8.70	n/a
92MOB0073	14	436653	6054329	1.84	1.12	8.50	-0.02	8.48	n/a
92MOB0076	14	435300	6054050	2.55	1.52	11.53	0.11	11.64	n/a
92MOB0079	14	427408	6053204	0.29	0.71	5.39	-2.20	3.19	n/a
92MOB0082	14	427112	6053360	2.93	1.91	14.49	-0.55	13.94	n/a
92MOB0085	14	424796	6052367	1.18	0.87	6.60	-0.64	5.96	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92MOB0090	14	424098	6051745	2.05	1.53	11.61	-1.18	10.43	n/a
92MOB0093	14	423569	6051703	0.99	0.63	4.78	-0.12	4.66	n/a
92MOB0096	14	423032	6051296	1.56	1.02	7.74	-0.30	7.43	n/a
92MOB0097	14	422294	6051508	0.93	0.71	5.39	-0.60	4.78	n/a
92MOB0100	14	422047	6051565	3.93	1.53	11.61	3.52	15.12	n/a
92MOB0101	14	421700	6051750	3.86	1.36	10.32	4.04	14.36	n/a
92MOB0105	14	418023	6051261	12.00	7.12	54.01	0.65	54.66	n/a
92MOB0108	14	416947	6050847	12.16	7.14	54.16	0.97	55.13	n/a
92MOB0111	14	416002	6049524	7.82	4.73	35.88	0.06	35.93	n/a
92MOB0114	14	416005	6050232	12.33	6.69	50.74	3.25	53.99	n/a
92MOB0117	14	414429	6049579	0.36	0.52	3.94	-1.24	2.70	n/a
92MOB0120	14	413736	6048893	8.86	5.68	43.08	-1.26	41.83	n/a
92MOB0121	14	469913	5986124	1.42	1.12	8.50	-1.06	7.43	n/a
92MOB0124	14	473613	5983765	14.80	6.42	48.70	10.53	59.23	n/a
92MOB0127	14	473613	5983765	14.74	8.08	61.29	3.54	64.83	n/a
92MOB0130	14	479106	5983463	8.20	2.66	20.18	9.53	29.70	n/a
92MOB0133	14	479925	5987750	11.63	5.91	44.83	4.71	49.54	n/a
92MOB0136	14	484187	5984311	15.26	8.94	67.81	1.30	69.11	n/a
92MOB0139	14	445097	6001910	12.73	7.66	58.10	0.25	58.36	n/a
92MOB0145	14	437999	6002027	11.26	4.69	35.57	8.81	44.39	n/a
92MOB0148	14	443035	6011620	12.38	6.04	45.81	6.05	51.86	n/a
92MOB0151	14	460238	6017459	9.96	6.51	49.38	-1.93	47.45	n/a
92MOB0154	14	453458	6020735	10.43	6.52	49.46	-0.80	48.66	n/a
92MOB0157	14	444994	6020132	10.74	6.72	50.97	-0.85	50.13	n/a
92MOB0160	14	436664	6018105	10.02	5.23	39.67	3.49	43.16	n/a
92MOB0163	14	441387	6027536	10.59	6.01	45.59	1.70	47.29	n/a
92MOB0166	14	453410	6029461	6.38	3.65	27.69	0.91	28.59	n/a
92MOB0169	14	460195	6031098	8.97	5.65	42.86	-0.86	42.00	n/a
92MOB0172	14	480115	6015181	13.82	7.78	59.01	2.48	61.49	n/a
92MOB0175	14	479828	6021839	16.44	9.32	70.69	2.68	73.38	n/a
92MOB0179	14	482162	6044295	13.90	7.70	58.41	3.01	61.42	n/a
92MOB0182	14	490062	6063102	3.65	1.43	10.85	3.23	14.07	n/a
92MOB0189	14	480098	6083219	0.28	0.59	4.48	-1.73	2.75	n/a
92MOB0192	14	499871	6122001	0.09	0.70	5.31	-2.66	2.65	n/a
92MOB0195	14	488359	6113447	0.34	0.68	5.16	-1.95	3.21	n/a
92MOB0201	14	445024	6097313	0.24	0.47	3.57	-1.34	2.23	n/a
92MOB0204	14	444966	6103186	0.09	0.50	3.79	-1.83	1.96	n/a
92MOB0207	14	445149	6111767	0.04	0.18	1.37	-0.64	0.72	n/a
92MOB0210	14	445239	6118541	0.09	0.41	3.11	-1.46	1.65	n/a
92MOB0213	14	461601	6119604	0.03	0.35	2.65	-1.37	1.29	n/a
92MOB0216	14	464245	6112711	0.15	0.41	3.11	-1.31	1.80	n/a
92MOB0222	14	471618	6102102	0.21	0.29	2.20	-0.67	1.53	n/a
92MOB0228	14	457229	6074244	0.07	0.69	5.23	-2.67	2.57	n/a
92MOB0231	14	473950	6057628	8.32	3.70	28.07	5.54	33.61	n/a
92MOB0234	14	460605	6055996	7.09	1.54	11.68	11.37	23.05	n/a
92MOB0237	14	456780	6043730	7.88	3.88	29.43	3.70	33.14	n/a
92MOB0240	14	444463	6046879	14.78	8.64	65.54	1.34	66.87	n/a
92MOB0243	14	437296	6044050	12.72	7.88	59.77	-0.68	59.09	n/a
92MOB0246	14	447067	6037421	15.68	9.36	71.00	0.62	71.62	n/a
92MOB0249	14	447067	6037421	7.91	4.93	37.40	-0.54	36.85	n/a
92MOB0251	14	414265	6048923	6.89	3.84	29.13	1.40	30.52	n/a
92MOB0253	14	412243	6047565	12.81	7.98	60.53	-0.86	59.67	n/a
92MOB0256	14	407528	6044548	11.28	6.84	51.88	0.01	51.89	n/a
92MOB0260	14	408137	6042729	7.09	4.35	33.00	-0.20	32.79	n/a
92MOB0263	14	409407	6043109	7.56	4.57	34.66	0.06	34.73	n/a
92MOB0266	14	406262	6042259	5.72	3.36	25.49	0.45	25.94	n/a
92MOB0269	14	437250	6068800	0.16	0.41	3.11	-1.29	1.82	n/a
92MOB0270	14	437600	6066450	0.06	0.41	3.11	-1.54	1.57	n/a
92MOB0271	14	437325	6066050	13.62	2.31	17.52	24.50	42.02	n/a
92MOB0272	14	437650	6065850	0.04	0.50	3.79	-1.96	1.83	n/a
92MOB0274	14	436850	6066500	0.09	0.13	0.99	-0.31	0.68	n/a
92MOB0275	14	436550	6066000	0.04	0.19	1.44	-0.68	0.76	n/a
92MOB0276	14	436650	6065625	0.08	0.36	2.73	-1.28	1.45	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92MOB0277	14	436825	6065400	9.08	0.87	6.60	19.09	25.69	n/a
92MOB0278	14	436725	6065450	1.08	1.65	12.52	-4.10	8.42	n/a
92MOB0279	14	436850	6065050	0.07	0.58	4.40	-2.21	2.19	n/a
92MOB0280	14	430576	6081439	0.12	0.64	4.85	-2.34	2.52	n/a
92MOB0282	14	430755	6081361	0.25	0.70	5.31	-2.26	3.05	n/a
92MOB0284	14	430913	6081824	0.23	0.78	5.92	-2.64	3.28	n/a
92MOB0286	14	431078	6081813	0.09	0.57	4.32	-2.12	2.20	n/a
92MOB0288	14	430632	6081929	0.22	0.43	3.26	-1.22	2.04	n/a
92MOB0290	14	440050	6097100	0.08	0.23	1.74	-0.75	1.00	n/a
92MOB0293	14	440050	6097100	0.10	0.17	1.29	-0.45	0.84	n/a
92MOB0294	14	437775	6104100	0.18	0.50	3.79	-1.61	2.18	n/a
92MOB0297	14	439449	6109142	0.07	0.20	1.52	-0.65	0.87	n/a
92MOB0300	14	456511	6119192	0.08	0.58	4.40	-2.19	2.21	n/a
92MOB0303	14	469484	6114570	0.09	0.17	1.29	-0.48	0.81	n/a
92MOB0306	14	467960	6099299	0.06	0.29	2.20	-1.04	1.16	n/a
92MOB0309	14	458353	6095664	0.09	0.37	2.81	-1.30	1.51	n/a
92MOB0312	14	437200	6065600	0.14	0.50	3.79	-1.71	2.08	n/a
92MOB0314	14	436400	6064450	0.09	0.62	4.70	-2.33	2.38	n/a
92MOB0315	14	436800	6064250	0.24	0.40	3.03	-1.05	1.99	n/a
92MOB0316	14	436775	6064700	0.27	0.72	5.46	-2.29	3.17	n/a
92MOB0317	14	436850	6064800	0.13	0.58	4.40	-2.06	2.34	n/a
92MOB0318	14	436800	6065225	0.19	0.46	3.49	-1.42	2.07	n/a
92MOB0319	14	436450	6065100	0.13	0.37	2.81	-1.20	1.61	n/a
92MOB0320	14	436450	6065100	0.20	0.33	2.50	-0.86	1.64	n/a
92MOB0321	14	452900	6067950	8.09	1.20	9.10	15.26	24.36	n/a
92MOB0324	14	452900	6067950	0.21	0.46	3.49	-1.37	2.12	n/a
92MOB0325	14	452900	6067950	0.51	0.63	4.78	-1.32	3.46	n/a
92MOB0326	14	457650	6065725	0.16	0.49	3.72	-1.62	2.10	n/a
92MOB0329	14	465650	6063550	4.05	1.84	13.96	2.54	16.50	n/a
92MOB0332	14	466005	6069900	0.16	0.41	3.11	-1.29	1.82	n/a
92MOB0335	14	461250	6075250	0.14	0.67	5.08	-2.41	2.67	n/a
92MOB0339	14	462075	6080250	0.12	0.19	1.44	-0.48	0.96	n/a
92MOB0342	14	467970	6086450	0.16	0.62	4.70	-2.15	2.55	n/a
92MOB1001	14	437763	6058408	1.27	0.94	7.13	-0.70	6.43	n/a
92MOB1004	14	488133	5986132	14.00	7.72	58.56	3.18	61.74	n/a
92MOB1011	14	493196	6056073	4.55	2.89	21.92	-0.54	21.38	n/a
92MOB1013	14	452428	6046513	10.52	6.32	47.94	0.25	48.19	n/a
92MOB1016	14	450336	6046454	8.44	4.74	35.95	1.56	37.51	n/a
92MOB1019	14	449871	6047711	14.13	7.40	56.13	4.82	60.95	n/a
92MOB1022	14	449401	6050524	16.11	9.13	69.25	2.64	71.89	n/a
92MOB1025	14	450463	6050864	13.58	8.00	60.68	0.98	61.66	n/a
92MOB1028	14	447536	6052245	9.39	5.36	40.66	1.38	42.04	n/a
92MOB1031	14	443918	6055391	0.33	0.77	5.84	-2.35	3.49	n/a
92MOB1034	14	441520	6056933	3.96	1.61	12.21	3.26	15.47	n/a
92MOB1037	14	440586	6060315	0.11	0.70	5.31	-2.61	2.70	n/a
92MOB1040	14	433231	6052330	4.60	2.36	17.90	1.77	19.67	n/a
92MOB1045A	14	434168	6051494	2.08	1.64	12.44	-1.56	10.88	n/a
92MOB1045B	14	434168	6051494	1.04	1.08	8.19	-1.85	6.34	n/a
92MOB1049	14	432046	6053177	3.39	1.86	14.11	0.81	14.92	n/a
92MOB1054	14	421757	6051069	1.48	1.04	7.89	-0.59	7.30	n/a
92MOB1057	14	420578	6051908	11.78	6.76	51.28	1.59	52.86	n/a
92MOB1060	14	420100	6051007	3.61	2.42	18.36	-0.95	17.41	n/a
92MOB1063	14	418507	6052535	16.28	8.96	67.96	3.77	71.73	n/a
92MOB1065	14	419947	6052417	14.20	8.38	63.56	0.96	64.52	n/a
92MOB1068	14	419301	6051720	5.41	3.32	25.18	-0.16	25.02	n/a
92MOB1071	14	412040	6047178	9.27	5.62	42.63	0.01	42.64	n/a
92MOB1074	14	411762	6047204	14.32	8.18	62.05	2.08	64.13	n/a
92MOB1078	14	411245	6046891	10.63	6.34	48.09	0.44	48.53	n/a
92MOB1080	14	410518	6046931	6.77	3.97	30.11	0.56	30.68	n/a
92MOB1083	14	410518	6046931	6.38	3.63	27.53	0.99	28.52	n/a
92MOB1085	14	408294	6046973	9.74	5.95	45.13	-0.17	44.96	n/a
92MOB1087	14	408877	6047501	11.58	7.08	53.70	-0.23	53.47	n/a
92MOB1089	14	407808	6046795	15.72	9.22	69.94	1.30	71.23	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
92MOB1096	14	407504	6047946	1.29	1.15	8.72	-1.51	7.21	n/a
92MOB1099	14	406935	6046806	8.35	5.08	38.53	-0.06	38.47	n/a
92MOB1100	14	406276	6047037	18.24	10.80	81.92	1.09	83.01	n/a
92MOB1102	14	405667	6048360	2.57	1.80	13.65	-0.99	12.66	n/a
92MOB1105	14	403895	6048603	9.23	5.45	41.34	0.61	41.95	n/a
92MOB1108	14	484967	5994440	19.80	11.78	89.35	0.95	90.30	n/a
92MOB1111	14	486237	5999358	8.79	4.59	34.82	3.05	37.87	n/a
92MOB1114	14	468667	6008703	14.62	9.04	68.57	-0.71	67.86	n/a
92MOB1120	14	461126	6000668	17.52	9.18	69.63	5.96	75.59	n/a
92MOB1123	14	443601	6063696	0.19	0.66	5.01	-2.24	2.76	n/a
92MOB1126	14	441511	6063631	0.17	0.38	2.88	-1.14	1.74	n/a
92MOB1129	14	402170	6048956	14.10	8.61	65.31	-0.24	65.07	n/a
92MOB1132	14	401189	6049566	2.53	1.81	13.73	-1.13	12.60	n/a
92MOB1135	14	400171	6046924	12.76	7.74	58.71	0.00	58.71	n/a
92MOB1138	14	400563	6047832	12.35	7.40	56.13	0.38	56.51	n/a
92MOB1141	14	399635	6049019	7.23	3.30	25.03	4.47	29.50	n/a
92MOB1144	14	398112	6048987	3.18	0.82	6.22	4.57	10.79	n/a
92MOB1147	14	397064	6048741	4.55	2.79	21.16	-0.12	21.04	n/a
92MOB1150	14	394992	6047980	10.41	6.26	47.48	0.22	47.71	n/a
92MOB1153	14	396619	6047562	10.33	5.52	41.87	3.07	44.94	n/a
92MOB1156	14	393441	6048912	10.20	5.58	42.33	2.50	44.82	n/a
92MOB1159	14	394420	6048878	8.36	5.27	39.97	-0.82	39.15	n/a
92MOB1162	14	438431	6121374	0.17	0.27	2.05	-0.69	1.36	n/a
92MOB1165	14	454246	6113844	0.10	0.21	1.59	-0.61	0.98	n/a
92MOB1168	14	452692	6107468	0.11	0.26	1.97	-0.80	1.18	n/a
92MOB1171	14	475694	6109933	0.07	0.83	6.30	-3.24	3.06	n/a
92MOB1177	14	472957	6086600	0.12	0.25	1.90	-0.73	1.17	n/a
92MOB1183	14	466628	6075287	0.12	0.32	2.43	-1.02	1.41	n/a
92MOB1185	14	452797	6055250	0.13	0.35	2.65	-1.12	1.54	n/a
92MOB1188	14	444487	6043305	12.69	6.22	47.18	6.08	53.26	n/a
92MOB1191	14	437390	6038430	8.85	5.21	39.52	0.65	40.17	n/a
92MOB1194	14	439712	6063811	0.10	0.49	3.72	-1.77	1.95	n/a
92MOB1197	14	392630	6049740	10.97	6.86	52.03	-0.85	51.19	n/a
92MOB1200	14	390360	6051099	0.13	0.54	4.10	-1.90	2.20	n/a
92MOB1203A	14	389335	6051273	0.11	0.50	3.79	-1.78	2.01	n/a
92MOB1203C	14	389335	6051273	0.38	0.83	6.30	-2.47	3.83	n/a
92MOB1217	14	430706	6081497	0.25	0.55	4.17	-1.64	2.53	n/a
92MOB1221	14	430821	6081877	0.09	0.45	3.41	-1.63	1.79	n/a
92MOB1223	14	430905	6082109	0.17	0.40	3.03	-1.22	1.81	n/a
92MOB1225	14	431163	6082613	0.13	0.45	3.41	-1.53	1.89	n/a
92MOB1227	14	431124	6082449	0.11	0.63	4.78	-2.32	2.46	n/a
92MOB1232	14	430957	6080932	0.05	0.30	2.28	-1.11	1.17	n/a
92MOB1234	14	430928	6081184	0.06	0.77	5.84	-3.02	2.82	n/a
92MOB1236	14	430766	6082505	0.06	0.39	2.96	-1.46	1.50	n/a
92MOB1238	14	430494	6081271	0.06	0.29	2.20	-1.04	1.16	n/a
92MOB1241	14	449083	6055772	5.57	2.87	21.77	2.09	23.86	n/a
92MOB1245	14	448917	6055007	4.17	2.94	22.30	-1.69	20.61	n/a
92MOB1246	14	430993	6081317	0.11	0.75	5.69	-2.81	2.88	n/a
93HJB2001	13	669702	6090111	0.12	0.59	4.48	-2.13	2.35	n/a
93HJB2003	13	669525	6090100	0.17	0.73	5.54	-2.58	2.96	n/a
93HJB2005	13	669452	6091455	0.12	0.29	2.20	-0.89	1.31	n/a
93HJB2007	13	668175	6092200	0.12	0.77	5.84	-2.87	2.97	n/a
93HJB2008	13	668175	6092200	0.25	0.84	6.37	-2.83	3.54	n/a
93HJB2010	13	667500	6089750	0.21	0.76	5.76	-2.60	3.16	n/a
93HJB2012	13	669260	6096480	0.20	0.41	3.11	-1.19	1.92	n/a
93HJB2014	13	668000	6097415	0.12	0.44	3.34	-1.51	1.83	n/a
93HJB2016	13	668475	6095160	0.12	0.79	5.99	-2.95	3.04	n/a
93HJB2018	13	664400	6093345	0.14	0.56	4.25	-1.96	2.29	n/a
93HJB2020	13	664900	6095115	0.14	0.34	2.58	-1.05	1.53	n/a
93HJB2022	13	665085	6094780	0.20	0.60	4.55	-1.97	2.58	n/a
93HJB2024	13	666950	6096415	0.10	0.63	4.78	-2.34	2.43	n/a
93HJB2026	13	670250	6090655	0.15	0.70	5.31	-2.51	2.80	0.00
93HJB2028	13	661700	6047345	0.16	0.65	4.93	-2.28	2.65	0.00

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93HJB2030	13	667760	6095600	0.17	0.52	3.94	-1.72	2.23	0.00
93HJB2032	13	668600	6094050	0.17	0.68	5.16	-2.38	2.78	n/a
93HJB2034	13	687375	6098250	0.11	0.69	5.23	-2.57	2.67	n/a
93HJB2036	13	686660	6096550	0.03	0.85	6.45	-3.42	3.02	n/a
93HJB2038	13	687625	6094470	0.05	0.78	5.92	-3.09	2.83	n/a
93HJB2040	13	687950	6093275	0.15	0.29	2.20	-0.82	1.38	n/a
93HJB2042	13	685250	6093410	0.13	0.49	3.72	-1.69	2.02	n/a
93HJB2044	13	686100	6092660	0.10	0.66	5.01	-2.47	2.54	n/a
93HJB2046	13	684425	6092725	0.07	0.55	4.17	-2.09	2.08	n/a
93HJB2048	13	685775	6091650	0.08	0.50	3.79	-1.86	1.93	n/a
93HJB2050	13	686200	6095400	0.07	0.75	5.69	-2.91	2.78	n/a
93HJB2052	14	309375	6093440	0.07	0.98	7.43	-3.86	3.57	n/a
93HJB2054	13	688900	6098400	0.20	0.56	4.25	-1.81	2.44	n/a
93HJB2056	13	689775	6095450	0.12	0.66	5.01	-2.42	2.59	n/a
93HJB2058	13	690880	6094260	0.10	0.58	4.40	-2.14	2.26	n/a
93HJB2060	14	309600	6098340	0.19	1.14	8.65	-4.22	4.43	n/a
93HJB2062	14	309225	6096875	0.09	0.58	4.40	-2.16	2.24	n/a
93HJB2064	14	310360	6088200	0.03	0.29	2.20	-1.12	1.08	n/a
93HJB2066	14	310860	6089700	0.13	0.39	2.96	-1.28	1.68	n/a
93HJB2068	14	312600	6088450	0.13	0.68	5.16	-2.47	2.68	n/a
93HJB2070	14	313675	6089225	0.03	0.47	3.57	-1.86	1.70	n/a
93HJB2072	14	315050	6088850	0.10	0.41	3.11	-1.44	1.67	n/a
93HJB2074	14	316500	6070100	0.28	0.75	5.69	-2.39	3.30	n/a
93HJB2076	14	314900	6069350	0.12	0.43	3.26	-1.47	1.79	n/a
93HJB2078	13	688890	6059300	0.20	0.62	4.70	-2.05	2.65	n/a
93HJB2080	13	674300	6086750	0.07	0.37	2.81	-1.35	1.46	n/a
93HJB2084	13	663325	6090375	0.08	0.75	5.69	-2.89	2.80	n/a
93HJB2085	13	663325	6090375	0.12	0.77	5.84	-2.87	2.97	n/a
93HJB2087	13	668850	6085900	0.12	0.36	2.73	-1.18	1.55	n/a
93HJB2092	14	313820	6093250	0.06	0.31	2.35	-1.13	1.22	n/a
93HJB2094	14	310100	6084050	0.02	0.56	4.25	-2.26	1.99	n/a
93HJB2097	13	684750	6080600	0.00	0.33	2.50	-1.36	1.14	n/a
93HJB2099	13	674850	6075450	0.23	0.52	3.94	-1.57	2.38	n/a
93HJB2101	13	673500	6076380	0.00	1.21	9.18	-4.98	4.20	n/a
93HJB2103	14	310940	6080850	0.37	1.42	10.77	-4.92	5.85	n/a
93HJB2105	14	311325	6080525	0.14	0.72	5.46	-2.61	2.85	n/a
93HJB2107	13	680450	6060380	0.27	0.85	6.45	-2.83	3.62	n/a
93HJB2109	13	667200	6066275	0.42	1.21	9.18	-3.93	5.25	n/a
93HJB2111	13	670550	6061900	0.18	0.49	3.72	-1.57	2.15	0.00
93HJB2113	13	667660	6057175	0.32	1.04	7.89	-3.48	4.41	n/a
93HJB2115	13	665275	6047800	12.17	7.85	59.54	-1.93	57.62	n/a
93HJB2117	14	312300	6061500	0.10	0.70	5.31	-2.63	2.68	n/a
93HJB2119	14	307535	6059175	0.11	0.74	5.61	-2.77	2.84	n/a
93HJB2121	14	309265	6061850	0.07	0.74	5.61	-2.87	2.74	9.17
93HJB2124	14	312850	6065700	0.10	0.62	4.70	-2.30	2.40	n/a
93HJB2126	14	312850	6081520	0.21	0.23	1.74	-0.42	1.32	n/a
93HJB2128	13	685180	6082815	0.19	0.30	2.28	-0.76	1.51	n/a
93HJB2130	14	313140	6083400	0.05	0.52	3.94	-2.02	1.93	n/a
93HJB2132	13	689475	6062050	0.15	0.71	5.39	-2.55	2.84	n/a
93HJB3001	13	662155	6051728	0.16	0.51	3.87	-1.70	2.17	n/a
93HJB3003	13	663615	6052762	0.19	0.64	4.85	-2.16	2.69	n/a
93HJB3005	13	665302	6050308	0.21	0.48	3.64	-1.45	2.19	n/a
93HJB3007	13	670880	6042658	0.44	0.90	6.83	-2.61	4.22	n/a
93HJB3009	13	669975	6042325	0.28	0.52	3.94	-1.44	2.50	n/a
93HJB3011	13	671680	6050780	0.29	1.28	9.71	-4.55	5.16	n/a
93HJB3013	13	671000	6047850	0.26	0.92	6.98	-3.14	3.84	n/a
93HJB3015	13	670560	6049075	0.27	1.14	8.65	-4.02	4.63	n/a
93HJB3017	13	674220	6050610	0.36	0.98	7.43	-3.14	4.30	n/a
93HJB3019	13	672065	6052730	0.24	1.15	8.72	-4.14	4.59	n/a
93HJB3021	13	666870	6044510	11.13	4.58	34.74	8.94	43.68	n/a
93HJB3023	13	669485	6047550	0.36	0.51	3.87	-1.20	2.67	n/a
93HJB3025	13	672375	6047630	0.29	1.13	8.57	-3.93	4.64	n/a
93HJB3027	13	675745	6066770	0.40	1.06	8.04	-3.37	4.68	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93HJB3029	13	687925	6059825	5.50	1.53	11.61	7.44	19.04	n/a
93HJB3030	13	687925	6059825	0.98	0.81	6.14	-0.89	5.26	n/a
93HJB3031	13	687925	6059825	1.16	1.09	8.27	-1.59	6.68	n/a
93HJB3033	13	681660	6062957	0.20	1.06	8.04	-3.86	4.18	0.83
93HJB3035	13	669997	6066623	0.19	0.35	2.65	-0.97	1.69	0.00
93HJB3037	13	662620	6067920	0.21	0.32	2.43	-0.79	1.63	n/a
93HJB3039	13	664771	6065074	0.26	0.78	5.92	-2.56	3.35	n/a
93HJB3041	13	667068	6065209	0.23	0.96	7.28	-3.38	3.90	n/a
93HJB3043	13	663929	6044071	4.98	2.74	20.78	1.16	21.94	n/a
93HJB3045	13	679930	6064545	0.08	0.45	3.41	-1.65	1.76	n/a
93HJB3047	13	673300	6068505	0.00	0.87	6.60	-3.58	3.02	n/a
93HJB3049	13	663753	6059788	0.09	0.72	5.46	-2.74	2.72	n/a
93HJB3051	13	667901	6051776	0.15	1.17	8.87	-4.44	4.43	n/a
93HJB3053	13	667652	6046404	6.88	3.75	28.44	1.74	30.19	n/a
93HJB3055	14	310890	6051625	3.36	2.58	19.57	-2.23	17.34	n/a
93HJB3057	14	311820	6051785	7.24	2.97	22.53	5.85	28.38	n/a
93HJB3059	14	314530	6052595	4.49	3.12	23.67	-1.63	22.03	n/a
93HJB3061	14	315615	6053575	0.16	0.82	6.22	-2.98	3.24	n/a
93HJB3062	14	315615	6053575	0.37	1.21	9.18	-4.06	5.12	n/a
93HJB3066	13	688600	6056590	2.03	1.16	8.80	0.29	9.09	n/a
93HJB4001	13	669625	6087900	0.29	1.50	11.38	-5.45	5.93	n/a
93HJB4003	13	670850	6089275	0.17	0.70	5.31	-2.46	2.85	n/a
93HJB4005	13	671000	6090775	0.20	0.66	5.01	-2.22	2.79	n/a
93HJB4007	13	671475	6095950	0.16	0.65	4.93	-2.28	2.65	n/a
93HJB4009	13	672975	6097400	0.20	0.78	5.92	-2.71	3.20	n/a
93HJB4011	13	673925	6097750	0.15	1.16	8.80	-4.40	4.40	n/a
93HJB4013	13	671000	6091775	0.22	0.30	2.28	-0.69	1.59	n/a
93HJB4015	13	669725	6093550	0.22	0.92	6.98	-3.24	3.74	n/a
93HJB4017	13	668625	6092775	0.22	0.62	4.70	-2.00	2.70	n/a
93HJB4019	13	668250	6091000	0.18	0.62	4.70	-2.10	2.60	n/a
93HJB4021	13	670825	6093550	0.20	0.67	5.08	-2.26	2.82	n/a
93HJB4023	13	683125	6095400	0.12	0.60	4.55	-2.17	2.38	n/a
93HJB4025	13	682750	6094400	0.06	0.53	4.02	-2.03	1.99	n/a
93HJB4027	13	682525	6093175	0.15	0.60	4.55	-2.10	2.46	n/a
93HJB4029	13	681750	6092050	0.17	0.43	3.26	-1.35	1.92	n/a
93HJB4031	13	684975	6095375	0.09	0.46	3.49	-1.67	1.82	n/a
93HJB4033	13	684050	6096650	0.11	0.89	6.75	-3.39	3.36	n/a
93HJB4035	13	683125	6094000	0.06	0.66	5.01	-2.57	2.44	n/a
93HJB4037	13	682795	6029100	0.04	0.67	5.08	-2.66	2.42	n/a
93HJB4039	13	682875	6092100	0.17	0.77	5.84	-2.75	3.10	n/a
93HJB4041	13	692150	6089600	0.11	0.42	3.19	-1.45	1.73	n/a
93HJB4043	13	691750	6090650	0.13	0.52	3.94	-1.82	2.13	n/a
93HJB4045	13	691650	6090625	0.06	0.53	4.02	-2.03	1.99	n/a
93HJB4047	14	309225	6094900	0.09	0.71	5.39	-2.70	2.69	n/a
93HJB4049	14	308200	6095700	0.08	0.87	6.60	-3.38	3.22	n/a
93HJB4051	13	691450	6094075	0.24	0.58	4.40	-1.79	2.61	n/a
93HJB4053	14	308275	6093300	0.13	0.64	4.85	-2.31	2.54	n/a
93HJB4055	14	311800	6087350	0.14	0.63	4.78	-2.24	2.53	n/a
93HJB4057	14	312075	6086075	0.10	0.48	3.64	-1.73	1.91	n/a
93HJB4059	14	313400	6086050	0.11	0.69	5.23	-2.57	2.67	n/a
93HJB4061	14	312225	6087350	0.18	0.93	7.05	-3.38	3.67	n/a
93HJB4063	14	314800	6086600	0.16	0.75	5.69	-2.69	3.00	n/a
93HJB4065	13	692450	6065725	0.12	0.54	4.10	-1.92	2.17	n/a
93HJB4067	14	308850	6068325	0.12	0.49	3.72	-1.72	2.00	n/a
93HJB4069	13	692900	6058925	0.17	0.46	3.49	-1.47	2.02	n/a
93HJB4071	13	691850	6059950	0.08	0.77	5.84	-2.97	2.87	n/a
93HJB4073	14	312100	6068500	0.18	0.26	1.97	-0.62	1.35	n/a
93HJB4075	14	314950	6064100	0.24	1.05	7.96	-3.72	4.24	n/a
93HJB4077	14	315700	6066975	0.07	0.36	2.73	-1.31	1.42	n/a
93HJB4079	14	311400	6097410	0.12	0.48	3.64	-1.68	1.96	n/a
93HJB4081	14	309550	6091700	0.09	0.36	2.73	-1.26	1.47	n/a
93HJB4083	13	688000	6076350	0.07	0.16	1.21	-0.48	0.73	n/a
93HJB4085	13	681325	6076700	0.20	0.91	6.90	-3.25	3.66	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93HJB4087	13	677775	6077000	0.15	0.57	4.32	-1.97	2.35	n/a
93HJB4089	13	668525	6077510	0.10	0.63	4.78	-2.34	2.43	n/a
93HJB4091	13	687723	6052595	0.18	1.00	7.59	-3.67	3.92	n/a
93HJB4092	13	687723	6052595	0.26	1.27	9.63	-4.58	5.05	n/a
93HJB4094	13	686022	6050386	0.17	0.91	6.90	-3.32	3.58	n/a
93HJB4096	13	686703	6052604	0.18	0.99	7.51	-3.63	3.88	n/a
93HJB4097	13	686703	6052604	1.03	1.50	11.38	-3.60	7.77	n/a
93HJB4098	13	686703	6052604	0.53	1.06	8.04	-3.04	5.00	n/a
93HJB4100	13	687634	6048225	0.49	1.23	9.33	-3.84	5.49	n/a
93HJB4102	13	692600	6071350	0.16	0.97	7.36	-3.59	3.76	n/a
93HJB4104	13	694075	6070700	0.08	0.65	4.93	-2.48	2.45	n/a
93HJB4106	13	676625	6080850	0.07	0.66	5.01	-2.54	2.46	n/a
93HJB4108	13	684350	6088650	0.04	0.45	3.41	-1.75	1.66	n/a
93HJB4110	13	684875	6086800	0.19	0.37	2.81	-1.05	1.76	n/a
93HJB4112	14	310400	6077725	0.16	0.67	5.08	-2.36	2.72	n/a
93HJB4114	13	666167	6071924	0.22	0.60	4.55	-1.92	2.63	n/a
93HJB4116	13	668473	6071873	0.15	0.56	4.25	-1.93	2.32	n/a
93HJB4118	13	665165	6073803	0.17	0.70	5.31	-2.46	2.85	n/a
93HJB4120	13	662532	6072998	0.16	0.94	7.13	-3.47	3.66	n/a
93HJB4122	13	672872	6078513	0.08	1.16	8.80	-4.58	4.22	n/a
93HJB4124	13	680746	6095448	0.04	0.68	5.16	-2.70	2.46	n/a
93HJB4126	13	678031	6097936	0.19	0.74	5.61	-2.57	3.04	n/a
93HJB4128	13	678292	6096341	0.10	0.68	5.16	-2.55	2.61	n/a
93HJB4131	13	675783	6097475	0.02	0.75	5.69	-3.04	2.65	n/a
93HJB4133	13	673925	6092250	0.21	0.51	3.87	-1.58	2.29	n/a
93HJB4135	13	689200	6066900	0.20	0.84	6.37	-2.96	3.41	n/a
93JC0001	13	638966	6082010	0.25	0.47	3.57	-1.31	2.25	n/a
93JC0003	13	636744	6079511	0.06	0.19	1.44	-0.63	0.81	n/a
93JC0005	13	638205	6079537	0.14	0.30	2.28	-0.89	1.39	n/a
93JC0007	13	644960	6068731	0.13	0.59	4.48	-2.10	2.37	n/a
93JC0009	13	645225	6070326	0.06	0.37	2.81	-1.37	1.43	n/a
93JC0011	13	646400	6072701	0.13	0.83	6.30	-3.09	3.20	n/a
93JC0013	13	646400	6072701	0.08	0.39	2.96	-1.41	1.55	n/a
93JC0014	13	647000	6074440	0.08	0.44	3.34	-1.61	1.73	n/a
93JC0016	13	652900	6063800	0.22	0.52	3.94	-1.59	2.35	n/a
93JC0018	13	652450	6066591	0.12	0.62	4.70	-2.25	2.45	n/a
93JC0019	13	652090	6069970	0.13	0.86	6.52	-3.22	3.31	n/a
93JC0021	13	652950	6072090	0.16	0.39	2.96	-1.21	1.75	n/a
93JC0023	13	655150	6075230	0.03	0.29	2.20	-1.12	1.08	n/a
93JC0024	13	655150	6075230	0.18	0.34	2.58	-0.95	1.63	n/a
93JC0026	13	655000	6075330	0.14	0.30	2.28	-0.89	1.39	n/a
93JC0028	13	637945	6066401	0.18	0.35	2.65	-0.99	1.66	n/a
93JC0030	13	640950	6060185	0.36	1.16	8.80	-3.88	4.92	n/a
93JC0032	13	641250	6068203	0.06	0.62	4.70	-2.40	2.30	n/a
93JC0034	13	644520	6065960	0.05	0.51	3.87	-1.97	1.89	n/a
93JC0036	13	639800	6090130	0.34	0.91	6.90	-2.90	4.01	n/a
93JC0038	13	643550	6062050	0.35	0.86	6.52	-2.67	3.86	n/a
93JC0040	13	641860	6058265	0.82	1.39	10.54	-3.67	6.87	n/a
93JC0042	13	659820	6094300	0.14	0.63	4.78	-2.24	2.53	n/a
93JC0044	13	658550	6091550	0.16	0.62	4.70	-2.15	2.55	n/a
93JC0046	13	658500	6087660	0.17	0.32	2.43	-0.89	1.53	n/a
93JC0048	13	659845	6085700	0.09	0.48	3.64	-1.75	1.89	n/a
93JC0049	13	659845	6085700	0.10	0.53	4.02	-1.93	2.09	n/a
93JC0051	13	672880	6039812	1.68	1.33	10.09	-1.28	8.81	n/a
93JC0053	13	675275	6041600	0.43	1.18	8.95	-3.78	5.17	n/a
93JC0055	13	675225	6036880	3.09	1.38	10.47	2.04	12.50	n/a
93JC0057	13	675225	6036880	2.07	2.17	16.46	-3.76	12.70	n/a
93JC0059	13	677615	6038335	0.32	1.22	9.25	-4.22	5.03	n/a
93JC0061	13	681985	6041348	3.97	1.71	12.97	2.87	15.84	n/a
93JC0063	13	679770	6034840	3.93	2.31	17.52	0.30	17.83	n/a
93JC0065	13	681560	6038525	2.10	1.89	14.34	-2.54	11.80	n/a
93JC0067	13	693340	6036480	8.58	4.86	36.86	1.42	38.28	n/a
93JC0069	13	691095	6037435	6.77	2.88	21.85	5.05	26.89	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93JC0071	13	690555	6041228	4.96	2.74	20.78	1.11	21.89	n/a
93JC0073	13	693720	6042430	4.86	3.19	24.20	-1.00	23.20	n/a
93JC0075	14	308160	6042520	6.77	3.78	28.67	1.34	30.02	n/a
93JC0077	13	689644	6032454	8.36	4.05	30.72	4.20	34.92	n/a
93JC0079	13	688161	6035980	5.75	2.68	20.33	3.33	23.65	19.17
93MOB0001	14	432993	5983988	10.38	7.06	53.55	-3.14	50.41	n/a
93MOB0002	14	432993	5983988	11.32	7.37	55.90	-2.07	53.83	n/a
93MOB0003	14	438370	5989760	12.04	6.43	48.77	3.59	52.37	n/a
93MOB0004	14	442543	5997379	12.35	7.23	54.84	1.08	55.92	n/a
93MOB0006	14	458927	5996929	16.78	9.85	74.71	1.35	76.07	n/a
93MOB0008	14	452792	5995076	15.32	8.61	65.31	2.81	68.12	n/a
93MOB0010	14	452792	5995076	15.78	8.85	67.13	2.97	70.10	n/a
93MOB0011	14	450386	6007798	12.38	7.95	60.30	-1.81	58.49	n/a
93MOB0016	14	396119	6010305	8.92	5.74	43.54	-1.36	42.18	n/a
93MOB0016a	14	396119	6010305	9.03	5.77	43.77	-1.20	42.56	n/a
93MOB0017	14	396119	6010305	11.49	7.37	55.90	-1.65	54.25	n/a
93MOB0018	14	396119	6010305	11.96	6.53	49.53	2.98	52.51	n/a
93MOB0019	14	396119	6010305	14.42	6.19	46.95	10.53	57.48	n/a
93MOB0021	14	392250	6003887	12.37	6.38	48.39	4.62	53.02	n/a
93MOB0022	14	392250	6003887	15.68	8.24	62.50	5.23	67.74	n/a
93MOB0023	14	350273	5989115	9.37	6.29	47.71	-2.50	45.21	n/a
93MOB0026	14	349429	5992307	11.95	7.72	58.56	-1.94	56.62	n/a
93MOB0028	14	347659	5997180	11.22	6.58	49.91	0.93	50.84	n/a
93MOB0031	14	383791	5994607	12.55	7.45	56.51	0.67	57.18	n/a
93MOB0033	14	346832	5999678	18.30	11.07	83.97	0.12	84.09	n/a
93MOB0035	14	339073	5998634	11.58	6.51	49.38	2.12	51.50	n/a
93MOB0037	14	350090	6002408	19.38	11.43	86.70	1.34	88.04	n/a
93MOB0039	14	349715	5997955	11.59	7.66	58.10	-2.59	55.51	n/a
93MOB0041	14	352172	5999730	10.77	6.48	49.15	0.22	49.37	n/a
93MOB0043	14	351677	6001231	11.22	6.96	52.79	-0.63	52.16	n/a
93MOB0045	14	353564	6010831	10.62	6.45	48.92	-0.03	48.89	n/a
93MOB0047	14	351228	6011785	10.65	6.54	49.61	-0.33	49.28	n/a
93MOB0049	14	346775	6012468	8.18	5.27	39.97	-1.27	38.71	n/a
93MOB0051	14	343494	6010711	0.17	0.54	4.10	-1.80	2.30	n/a
93MOB0052	14	345944	6003674	15.02	8.35	63.34	3.13	66.47	n/a
93MOB0054	14	337971	6007921	8.37	5.77	43.77	-2.85	40.91	n/a
93MOB0056	14	345525	6011531	6.99	4.62	35.04	-1.56	33.48	n/a
93MOB0057	14	345154	6011492	11.69	6.93	52.57	0.66	53.23	n/a
93MOB0058	14	345154	6011492	8.89	5.65	42.86	-1.06	41.80	n/a
93MOB0059	14	345154	6011492	3.16	2.56	19.42	-2.65	16.77	n/a
93MOB0065	14	353564	6010831	9.95	6.47	49.08	-1.79	47.29	n/a
93MOB0066	14	353564	6010831	10.14	6.44	48.85	-1.19	47.66	n/a
93MOB0067	14	353564	6010831	10.45	6.27	47.56	0.28	47.84	n/a
93MOB0068	14	355418	6015172	7.77	5.12	38.84	-1.68	37.16	n/a
93MOB0070	14	360400	6018029	9.69	5.97	45.28	-0.38	44.90	n/a
93MOB0072	14	346189	6012293	9.18	5.62	42.63	-0.21	42.42	n/a
93MOB0073	14	346189	6012293	8.64	5.60	42.48	-1.48	41.00	n/a
93MOB0074	14	346189	6012293	8.97	5.69	43.16	-1.03	42.13	n/a
93MOB0075	14	346189	6012293	6.70	4.21	31.93	-0.60	31.33	n/a
93MOB0076	14	346189	6012293	7.98	5.09	38.61	-1.03	37.58	n/a
93MOB0077	14	348975	6014506	10.33	6.37	48.32	-0.43	47.89	n/a
93MOB0079	14	345167	6016156	7.00	4.64	35.20	-1.62	33.57	n/a
93MOB0081	14	343675	6018568	5.13	3.31	25.11	-0.82	24.29	n/a
93MOB0083	14	340216	6020885	4.10	3.37	25.56	-3.64	21.93	n/a
93MOB0085A	14	337740	6015299	6.73	5.00	37.93	-3.78	34.15	n/a
93MOB0085B	14	340216	6020885	4.55	3.56	27.00	-3.29	23.71	n/a
93MOB0087	14	336625	6019200	5.30	3.50	26.55	-1.17	25.37	n/a
93MOB0089	14	332250	6014800	8.19	4.96	37.62	0.03	37.65	n/a
93MOB0091	14	325600	6007000	8.77	5.73	43.46	-1.69	41.77	n/a
93MOB0095	14	329850	6015925	9.20	5.50	41.72	0.33	42.05	n/a
93MOB0097	14	326300	6017125	11.96	7.35	55.75	-0.39	55.36	n/a
93MOB0099	14	323025	6016300	12.64	8.32	63.11	-2.69	60.42	n/a
93MOB0101	14	320350	6011775	14.52	8.99	68.19	-0.75	67.44	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93MOB0103	14	324500	5956250	13.01	7.78	59.01	0.46	59.47	n/a
93MOB0104	14	422514	5990266	13.74	8.40	63.72	-0.27	63.45	n/a
93MOB0106	14	432235	6003552	12.23	7.57	57.42	-0.62	56.80	n/a
93MOB0108	14	425935	6008204	13.40	8.42	63.87	-1.20	62.67	n/a
93MOB0110	14	417700	6004128	12.85	7.66	58.10	0.55	58.66	n/a
93MOB0112	14	410823	6008534	12.98	7.88	59.77	-0.03	59.74	n/a
93MOB0114	14	420329	6012190	13.24	7.33	55.60	2.89	58.49	n/a
93MOB0116	14	424981	6019970	12.18	7.39	56.05	-0.01	56.05	n/a
93MOB0118	14	400204	6015621	10.26	5.25	39.82	4.01	43.83	n/a
93MOB0120	14	403085	6019729	7.32	4.76	36.11	-1.32	34.79	n/a
93MOB0122	14	408017	6017403	11.68	6.53	49.53	2.28	51.82	n/a
93MOB0124	14	422328	6028546	11.53	5.83	44.22	4.79	49.01	n/a
93MOB0126	14	433355	6040607	9.05	5.36	40.66	0.53	41.19	n/a
93MOB0128	14	420837	6044984	2.06	1.05	7.96	0.82	8.79	n/a
93MOB0130	14	414432	6035019	10.15	6.00	45.51	0.65	46.16	n/a
93MOB0132	14	414432	6035019	10.06	5.33	40.43	3.18	43.61	n/a
93MOB0133	14	343199	6020885	4.78	3.69	27.99	-3.25	24.73	n/a
93MOB0135	14	343834	6022027	2.97	1.75	13.27	0.21	13.49	n/a
93MOB0137	14	344899	6025552	6.56	4.07	30.87	-0.37	30.50	n/a
93MOB0139	14	345886	6030351	3.98	2.52	19.11	-0.44	18.68	n/a
93MOB0141	14	351284	6033325	6.04	4.06	30.80	-1.63	29.16	n/a
93MOB0143	14	328300	6036800	6.58	4.06	30.80	-0.28	30.51	n/a
93MOB0145	14	336000	6039250	4.10	2.08	15.78	1.68	17.45	n/a
93MOB0147	14	340166	6043064	2.30	1.30	9.86	0.39	10.25	n/a
93MOB0149	14	342439	6039720	2.84	1.62	12.29	0.42	12.71	n/a
93MOB0151	14	342439	6039720	3.66	2.65	20.10	-1.77	18.33	n/a
93MOB0152	14	364591	6046852	7.60	3.76	28.52	3.50	32.02	n/a
93MOB0154	14	367003	6049815	0.39	1.73	13.12	-6.15	6.97	n/a
93MOB0155	14	363058	6051702	0.19	0.65	4.93	-2.20	2.73	n/a
93MOB0157	14	359629	6052761	0.21	0.99	7.51	-3.55	3.96	n/a
93MOB0159	14	332500	6009700	11.34	5.49	41.64	5.72	47.36	n/a
93MOB0162	14	334650	6008375	9.86	6.32	47.94	-1.40	46.54	n/a
93MOB0164	14	317275	6041425	2.11	1.32	10.01	-0.17	9.85	n/a
93MOB0166	14	321650	6036875	1.42	1.50	11.38	-2.63	8.75	n/a
93MOB0168	14	321650	6036875	0.15	1.13	8.57	-4.28	4.29	n/a
93MOB0169	14	326150	6038350	0.22	0.78	5.92	-2.66	3.25	n/a
93MOB0171	14	326150	6038350	0.16	0.52	3.94	-1.74	2.20	n/a
93MOB0172	14	329125	6039825	3.35	1.66	12.59	1.53	14.12	n/a
93MOB0174	14	329125	6039825	0.42	1.20	9.10	-3.89	5.21	n/a
93MOB0175	14	329125	6039825	0.16	0.82	6.22	-2.98	3.24	n/a
93MOB0176	14	333950	6041950	1.40	1.63	12.36	-3.21	9.15	n/a
93MOB0178	14	359650	6003680	12.88	8.08	61.29	-1.10	60.19	n/a
93MOB0183	14	312750	6000000	14.84	9.08	68.87	-0.32	68.55	n/a
93MOB0185	14	317250	5999750	12.16	7.51	56.96	-0.55	56.41	n/a
93MOB0187	14	337900	6044770	2.60	2.11	16.00	-2.19	13.81	n/a
93MOB0189	14	341041	6046092	1.61	1.40	10.62	-1.74	8.88	n/a
93MOB0191	14	345607	6048055	1.82	1.43	10.85	-1.34	9.50	n/a
93MOB0193	14	346364	6044034	3.31	2.34	17.75	-1.37	16.38	n/a
93MOB0194	14	346364	6044034	4.13	2.87	21.77	-1.50	20.27	18.33
93MOB0195	14	346364	6044034	4.71	3.36	25.49	-2.07	23.42	n/a
93MOB0196	14	346364	6044034	4.16	2.73	20.71	-0.85	19.86	n/a
93MOB0197	14	346364	6044034	3.72	2.76	20.94	-2.07	18.86	20.00
93MOB0198	14	346364	6044034	4.20	3.07	23.29	-2.15	21.14	n/a
93MOB0199	14	346364	6044034	3.96	2.91	22.07	-2.09	19.98	n/a
93MOB0200	14	346364	6044034	2.89	2.26	17.14	-2.09	15.06	15.00
93MOB0201	14	346364	6044034	2.73	2.19	16.61	-2.20	14.41	11.67
93MOB0202	14	346364	6044034	5.53	2.61	19.80	3.06	22.86	24.17
93MOB0203	14	346364	6044034	0.91	1.28	9.71	-3.00	6.71	0.83
93MOB0204	14	346364	6044034	0.10	0.69	5.23	-2.59	2.64	0.00
93MOB0206	14	345801	6037727	5.42	3.58	27.16	-1.20	25.95	n/a
93MOB0208	14	348028	6050695	0.16	0.89	6.75	-3.26	3.49	n/a
93MOB0210	14	345515	6050997	0.10	0.51	3.87	-1.85	2.02	n/a
93MOB0212	14	345980	6054883	9.96	5.74	43.54	1.24	44.78	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93MOB0214	14	431487	6033336	14.74	9.22	69.94	-1.15	68.79	n/a
93MOB0217	14	426688	6042763	9.75	6.18	46.88	-1.09	45.78	n/a
93MOB0218	14	420216	6048319	12.94	3.59	27.23	17.53	44.77	n/a
93MOB0220	14	409950	6040600	4.50	2.58	19.57	0.62	20.19	n/a
93MOB0222	14	417241	6020531	10.29	6.12	46.42	0.50	46.92	n/a
93MOB0224	14	413632	6015077	12.02	7.51	56.96	-0.90	56.06	n/a
93MOB0228	14	383977	6018524	10.77	5.54	42.02	4.09	46.11	n/a
93MOB0230	14	380844	6027465	8.05	5.27	39.97	-1.59	38.38	n/a
93MOB0231A	14	391605	6044611	6.03	3.64	27.61	0.07	27.68	n/a
93MOB0231B	14	391605	6044611	5.91	3.60	27.31	-0.06	27.24	n/a
93MOB0233	14	383180	6047121	17.40	10.66	80.86	-0.43	80.42	n/a
93MOB0235	14	375463	6046365	7.03	4.56	34.59	-1.22	33.37	n/a
93MOB0237	14	394309	6025265	9.57	4.60	34.89	4.96	39.85	n/a
93MOB0239	14	401278	6035643	5.85	3.80	28.82	-1.04	27.79	n/a
93MOB0241	14	399519	6040423	7.32	4.03	30.57	1.69	32.26	n/a
93MOB0243	14	393750	6037063	4.96	3.06	23.21	-0.21	23.00	n/a
93MOB0245	14	388124	6033688	7.51	4.72	35.80	-0.68	35.12	n/a
93MOB0247	14	378984	6022046	6.44	3.29	24.96	2.54	27.49	n/a
93MOB0249	14	368447	6027346	8.09	5.26	39.90	-1.45	38.45	n/a
93MOB0251	14	368558	6031608	9.85	6.18	46.88	-0.84	46.03	n/a
93MOB0253	14	366449	6035161	12.60	6.51	49.38	4.66	54.04	n/a
93MOB0255	14	360721	6029788	11.94	6.10	46.27	4.70	50.97	n/a
93MOB0257	14	355281	6031697	7.00	3.66	27.76	2.41	30.17	n/a
93MOB0259	14	356424	6049639	0.45	1.25	9.48	-4.02	5.46	n/a
93MOB0261	14	368035	6059110	0.20	1.01	7.66	-3.66	4.00	n/a
93MOB0263	14	368154	6055975	0.12	0.52	3.94	-1.84	2.10	n/a
93MOB0265	14	385188	6050824	0.73	0.92	6.98	-1.96	5.01	n/a
93MOB1001	14	466768	5983546	12.72	8.06	61.14	-1.42	59.72	n/a
93MOB1004	14	463849	5989061	14.70	8.23	62.43	2.83	65.25	n/a
93MOB1005	14	422514	5990266	13.34	6.88	52.19	4.99	57.17	n/a
93MOB1007	14	430725	5993414	14.18	8.09	61.36	2.10	63.47	n/a
93MOB1009	14	433389	5990911	14.78	7.46	56.59	6.20	62.78	n/a
93MOB1011	14	387594	5998382	12.24	7.18	54.46	1.01	55.47	n/a
93MOB1013	14	387576	5994777	14.96	6.08	46.12	12.33	58.45	n/a
93MOB1015	14	383034	5992036	13.56	8.17	61.97	0.23	62.20	n/a
93MOB1017	14	382780	5991765	14.38	8.17	61.97	2.27	64.25	n/a
93MOB1019	14	381705	5990377	15.22	8.22	62.35	4.17	66.52	n/a
93MOB1021	14	376739	5990126	15.80	8.29	62.88	5.33	68.21	n/a
93MOB1023	14	376979	5985562	11.08	7.17	54.39	-1.85	52.54	n/a
93MOB1025	14	357977	5997269	13.24	8.30	62.96	-1.11	61.85	n/a
93MOB1027	14	361841	5997849	13.60	8.15	61.82	0.41	62.23	n/a
93MOB1029	14	346106	6011208	9.20	5.76	43.69	-0.74	42.95	n/a
93MOB1034	14	372835	5989725	16.44	7.97	60.45	8.24	68.70	n/a
93MOB1035	14	373188	5996324	15.44	7.75	58.79	6.65	65.44	n/a
93MOB1038	14	376826	6003505	12.37	7.45	56.51	0.22	56.73	n/a
93MOB1040	14	374455	6008735	13.17	7.16	54.31	3.41	57.72	n/a
93MOB1042	14	360588	6011721	12.00	7.16	54.31	0.49	54.80	n/a
93MOB1044	14	364477	6011360	11.79	6.99	53.02	0.66	53.69	n/a
93MOB1046	14	368788	6014733	10.40	6.66	50.52	-1.45	49.07	n/a
93MOB1049	14	373389	6021737	6.72	4.20	31.86	-0.51	31.35	n/a
93MOB1052	14	417533	5984711	15.78	7.90	59.92	6.88	66.81	n/a
93MOB1054	14	336500	6001025	11.09	5.72	43.39	4.15	47.53	n/a
93MOB1056	14	331175	6002025	10.68	6.28	47.64	0.82	48.45	n/a
93MOB1058	14	329525	6007000	5.90	4.43	33.60	-3.50	30.10	n/a
93MOB1060	14	330475	6011100	11.31	6.38	48.39	1.98	50.37	n/a
93MOB1062	14	312850	6016400	15.06	7.26	55.07	7.72	62.79	n/a
93MOB1064	14	318225	6019150	9.35	5.67	43.01	0.01	43.01	n/a
93MOB1067	14	318175	6022675	10.23	6.45	48.92	-1.01	47.92	n/a
93MOB1069	14	322375	6023400	12.57	7.75	58.79	-0.52	58.27	n/a
93MOB1071	14	323850	6026150	10.49	6.47	49.08	-0.44	48.64	n/a
93MOB1073	14	325350	6029150	10.09	6.59	49.99	-1.93	48.05	n/a
93MOB1075	14	329050	6029450	9.98	6.57	49.83	-2.13	47.71	n/a
93MOB1077	14	333125	6030000	11.17	6.53	49.53	1.01	50.54	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
93MOB1079	14	336850	6030450	5.65	3.00	22.76	1.76	24.51	n/a
93MOB1081	14	339448	6031756	4.17	2.76	20.94	-0.95	19.99	n/a
93MOB1083	14	344397	6028479	5.94	3.16	23.97	1.82	25.79	n/a
93MOB1085	14	340501	6024716	0.37	1.13	8.57	-3.73	4.84	n/a
93MOB1087	14	337050	6025850	3.97	3.65	27.69	-5.11	22.57	n/a
93MOB1089	14	342670	6032676	3.33	2.65	20.10	-2.59	17.51	n/a
93MOB1091	14	336800	6033750	6.10	3.07	23.29	2.59	25.88	n/a
93MOB1093	14	332075	6035875	4.75	2.80	21.24	0.33	21.57	n/a
93MOB1095	14	347869	6037760	9.31	5.46	41.42	0.77	42.19	n/a
93MOB1097	14	351403	6041952	6.52	3.71	28.14	1.01	29.15	n/a
93MOB1099	14	352396	6045382	7.09	4.57	34.66	-1.11	33.56	n/a
93MOB1101	14	348162	6044956	2.44	2.12	16.08	-2.63	13.45	n/a
93MOB1103	14	354005	6041786	7.48	2.12	16.08	9.95	26.03	n/a
93MOB1105	14	339580	6013874	10.51	6.18	46.88	0.80	47.68	n/a
93MOB1107	14	359999	6036185	5.86	3.95	29.96	-1.63	28.33	n/a
93MOB1110	14	356916	6036540	9.56	5.62	42.63	0.74	43.37	n/a
93MOB1112	14	362238	6034544	12.95	5.37	40.73	10.23	50.96	n/a
93MOB1114	14	361063	6037516	10.79	6.69	50.74	-0.60	50.15	n/a
93MOB1116	14	349377	6054138	0.17	0.50	3.79	-1.63	2.16	n/a
93MOB1118	14	343863	6057884	0.16	0.18	1.37	-0.34	1.02	n/a
93MOB1120	14	346376	6057140	0.24	0.42	3.19	-1.13	2.06	n/a
93MOB1122	14	345701	6053882	0.70	0.64	4.85	-0.89	3.97	n/a
93MOB1124	14	382815	6050328	0.22	0.52	3.94	-1.59	2.35	n/a
93MOB1126	14	377783	6050380	9.04	6.14	46.57	-2.70	43.87	n/a
93MOB1128	14	374915	6050719	8.58	5.75	43.61	-2.25	41.37	n/a
93MOB1130	14	354682	6051974	4.38	1.41	10.70	5.13	15.83	n/a
93MOB1132	14	348516	6052021	0.23	0.47	3.57	-1.36	2.20	n/a
93MOB1134	14	360061	6056393	0.20	0.80	6.07	-2.79	3.27	n/a
93MOB1136	14	361988	6059887	0.25	0.90	6.83	-3.08	3.75	n/a
93MOB1138	14	357642	6058185	10.68	7.04	53.40	-2.31	51.09	n/a
93MOB1140	14	356776	6056154	0.24	1.00	7.59	-3.52	4.07	n/a
93MOB1142	14	366436	6062653	0.15	0.73	5.54	-2.63	2.91	n/a
93MOB1144	14	370223	6064596	0.18	0.93	7.05	-3.38	3.67	n/a
93MOB1146	14	371776	6066649	0.10	0.84	6.37	-3.21	3.16	n/a
93MOB1152	14	432653	6047124	10.53	6.54	49.61	-0.63	48.98	n/a
93MOB1154	14	426036	6049054	6.10	3.17	24.05	2.18	26.23	n/a
93MOB1156	14	414283	6043903	4.10	2.78	21.09	-1.21	19.88	n/a
93MOB1158	14	408060	6033130	7.06	4.43	33.60	-0.61	32.99	n/a
93MOB1162	14	405331	6025544	7.57	4.33	32.84	1.08	33.92	n/a
93MOB1164	14	393413	6019512	10.56	5.62	42.63	3.23	45.86	n/a
93MOB1166	14	395679	6031035	7.31	3.76	28.52	2.78	31.30	n/a
93MOB1169	14	381828	6037599	6.10	3.58	27.16	0.49	27.65	n/a
93MOB1171	14	373273	6048503	12.52	7.82	59.32	-0.93	58.39	n/a
93MOB1173	14	369301	6051172	2.00	1.95	14.79	-3.03	11.76	n/a
93MOB1175	14	369246	6047354	8.70	5.81	44.07	-2.19	41.88	n/a
93MOB1177	14	362584	6043229	11.34	6.96	52.79	-0.34	52.46	n/a
93MOB1179	14	356007	6038092	8.11	5.43	41.19	-2.10	39.09	n/a
93MOB1181	14	353568	6035875	7.16	4.62	35.04	-1.14	33.90	n/a
93MOB1183	14	351173	6038114	4.84	2.26	17.14	2.78	19.92	n/a
93MOB1185	14	349909	6036407	1.35	1.29	9.78	-1.94	7.85	n/a
94HJB0002	13	685500	6047000	0.35	0.51	3.87	-1.23	2.64	n/a
94HJB0003	13	685500	6047000	3.51	2.58	19.57	-1.86	17.71	n/a
94HJB0004	13	685500	6047000	2.93	1.81	13.73	-0.13	13.59	n/a
94HJB0005	13	685500	6047000	7.62	1.46	11.07	13.02	24.09	n/a
94HJB0008	14	312106	6079750	0.16	0.38	2.88	-1.16	1.72	n/a
94HJB0010	14	313800	6045800	0.24	0.65	4.93	-2.08	2.85	n/a
94HJB0012	14	312846	6047503	0.16	0.62	4.70	-2.15	2.55	n/a
94HJB0014	14	308985	6045900	5.20	3.49	26.47	-1.38	25.09	n/a
94HJB0016	14	307100	6045014	6.90	4.32	32.77	-0.55	32.21	n/a
94HJB0018	14	308351	6055125	0.21	0.69	5.23	-2.32	2.92	n/a
94HJB0019	14	308351	6055125	0.43	0.81	6.14	-2.26	3.88	n/a
94HJB0021	14	307806	6057029	0.20	0.81	6.14	-2.84	3.31	n/a
94HJB0023	14	312625	6065616	0.08	0.39	2.96	-1.41	1.55	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
94HJB0025	13	686375	6044225	0.33	0.99	7.51	-3.25	4.26	n/a
94HJB0026	13	686375	6044225	0.38	0.89	6.75	-2.72	4.04	n/a
94HJB0027	13	686375	6044225	0.19	0.53	4.02	-1.71	2.31	n/a
94HJB0028	13	686375	6044225	0.18	0.67	5.08	-2.31	2.77	n/a
94HJB0030	13	686375	6044225	1.90	1.16	8.80	-0.03	8.77	n/a
94HJB0031	13	685600	6044950	1.36	1.06	8.04	-0.97	7.07	n/a
94HJB0032A	13	685600	6044950	1.96	1.39	10.54	-0.83	9.72	n/a
94HJB0033	13	685600	6044950	3.53	1.11	8.42	4.25	12.67	n/a
94HJB0034	13	685600	6044950	0.28	0.66	5.01	-2.02	2.99	n/a
94HJB0035	13	685600	6044950	1.92	1.47	11.15	-1.26	9.89	n/a
94HJB0036	13	685250	6049400	1.33	1.16	8.80	-1.45	7.34	n/a
94HJB0037	13	685600	6053350	4.22	1.55	11.76	4.16	15.91	n/a
94HJB0039	14	310250	6059425	0.11	0.46	3.49	-1.62	1.87	n/a
94HJB0041	14	309000	6059300	0.20	0.53	4.02	-1.68	2.34	n/a
94HJB0043	14	308650	6056275	7.12	1.67	12.67	10.91	23.57	n/a
94HJB0044	14	308650	6056275	6.96	1.67	12.67	10.51	23.17	n/a
94HJB0045	14	308650	6056275	0.24	0.80	6.07	-2.69	3.37	n/a
94HJB0050	13	691470	6072550	0.19	0.48	3.64	-1.50	2.14	n/a
94HJB0051	14	311670	6081425	0.18	0.53	4.02	-1.73	2.29	n/a
94HJB0052	14	311100	6080650	0.17	0.42	3.19	-1.30	1.88	n/a
94HJB0053	14	311100	6080650	0.15	0.35	2.65	-1.07	1.59	n/a
94HJB0054	14	311100	6080650	0.48	1.15	8.72	-3.54	5.19	n/a
94HJB0055	14	311100	6080650	0.65	2.34	17.75	-8.01	9.74	n/a
94HJB0056	14	311100	6080650	0.65	2.66	20.18	-9.33	10.85	n/a
94HJB0057	14	311100	6080650	0.74	3.42	25.94	-12.23	13.71	n/a
94HJB0058	14	311470	6080450	0.36	1.36	10.32	-4.70	5.62	n/a
94HJB0059	14	311470	6080450	0.22	0.73	5.54	-2.46	3.08	n/a
94HJB0060A	14	307550	6054500	1.26	1.25	9.48	-2.00	7.48	n/a
94HJB0060B	14	307550	6054500	1.65	1.67	12.67	-2.75	9.91	n/a
94HJB0061	14	307775	6055200	0.47	1.34	10.16	-4.34	5.82	n/a
94HJB0062	14	307775	6055200	2.48	1.14	8.65	1.50	10.15	n/a
94HJB0063	14	307775	6055200	1.10	1.19	9.03	-2.15	6.87	n/a
94HJB0064	14	307100	6053850	1.64	1.42	10.77	-1.75	9.02	n/a
94HJB0065	14	307100	6053850	2.29	1.80	13.65	-1.69	11.96	n/a
94HJB0066	14	306550	6053025	1.42	1.40	10.62	-2.22	8.40	n/a
94HJB0067	13	693500	6053125	0.71	1.43	10.85	-4.11	6.73	n/a
94HJB0068	14	306275	6053700	0.98	1.27	9.63	-2.78	6.85	n/a
94JEC0001	13	630025	6117425	0.17	0.59	4.48	-2.00	2.47	n/a
94JEC0003	13	629020	6119415	0.19	0.74	5.61	-2.57	3.04	n/a
94JEC0005	13	627500	6115910	0.14	0.62	4.70	-2.20	2.50	n/a
94JEC0007	13	628615	6114125	0.15	0.65	4.93	-2.30	2.63	n/a
94JEC0009	13	630460	6115715	0.18	0.48	3.64	-1.53	2.11	n/a
94JEC0013	13	627810	6107325	0.12	0.84	6.37	-3.16	3.21	n/a
94JEC0015	13	630175	6110525	0.16	0.65	4.93	-2.28	2.65	n/a
94JEC0017	13	631985	6112420	0.15	0.98	7.43	-3.66	3.77	n/a
94JEC0019	13	639710	6113200	0.23	1.34	10.16	-4.94	5.22	n/a
94JEC0021	13	640960	6116365	0.18	0.84	6.37	-3.01	3.36	n/a
94JEC0023	13	638875	6117080	0.43	0.90	6.83	-2.63	4.20	n/a
94JEC0024	13	638875	6117080	0.69	0.88	6.67	-1.90	4.78	n/a
94JEC0027	13	638220	6119060	0.27	0.88	6.67	-2.95	3.73	n/a
94JEC0029	13	636000	6118910	0.16	1.03	7.81	-3.84	3.97	n/a
94JEC0031	13	637710	6116045	0.29	0.89	6.75	-2.94	3.81	n/a
94JEC0033	13	641150	6111325	0.13	1.19	9.03	-4.57	4.45	n/a
94JEC0035	13	643850	6108310	0.11	0.96	7.28	-3.68	3.60	n/a
94JEC0037	13	645110	6105885	0.19	0.41	3.11	-1.21	1.90	n/a
94JEC0039	13	641125	6106920	0.14	0.28	2.12	-0.80	1.32	n/a
94JEC0041	13	639000	6109250	0.07	0.44	3.34	-1.64	1.70	n/a
94JEC0043	13	641750	6101330	0.11	0.92	6.98	-3.51	3.47	n/a
94JEC0045	13	641400	6104125	0.31	1.34	10.16	-4.74	5.42	n/a
94JEC0047	13	646275	6103850	0.16	0.94	7.13	-3.47	3.66	n/a
94JEC0049	13	647900	6101460	0.32	1.33	10.09	-4.68	5.41	n/a
94JEC0051	13	648010	6100020	0.18	0.27	2.05	-0.66	1.39	n/a
94JEC0053	13	645675	6101200	0.13	0.46	3.49	-1.57	1.92	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
94JEC0055	13	646390	6098900	0.25	0.93	7.05	-3.20	3.85	n/a
94JEC0057	13	644650	6099100	0.15	0.34	2.58	-1.03	1.55	n/a
94JEC0059	13	644960	6096260	0.08	0.60	4.55	-2.27	2.28	n/a
94JEC0061	14	389160	6030267	7.26	4.45	33.75	-0.19	33.56	n/a
94JEC0063	14	319604	6028863	4.94	2.68	20.33	1.30	21.63	n/a
94JEC0065	14	305566	6016099	14.92	5.02	38.08	16.59	54.67	n/a
94JEC0067	14	305566	6016099	0.75	1.42	10.77	-3.97	6.80	n/a
94JEC0068	14	305075	6011354	14.16	6.97	52.87	6.67	59.53	n/a
94JEC0070	14	323428	6004703	6.21	4.06	30.80	-1.21	29.59	n/a
94JEC0072	14	324516	5999402	7.02	4.39	33.30	-0.54	32.76	n/a
94JEC0074	14	322986	5990766	14.94	9.63	73.05	-2.34	70.71	n/a
94JEC0076	14	305595	5989606	11.22	7.38	55.98	-2.36	53.61	n/a
94JEC0077	14	305595	5989606	5.14	3.50	26.55	-1.57	24.97	n/a
94JEC0079	13	695260	5999576	10.98	6.25	47.41	1.69	49.10	n/a
94JEC0082	13	683482	5997608	10.56	6.51	49.38	-0.43	48.95	n/a
94JEC0084	13	673443	6009689	5.40	3.76	28.52	-1.99	26.53	n/a
94JEC0086	13	685366	6029712	11.07	6.34	48.09	1.54	49.63	n/a
94JEC0088	13	668563	6033331	1.77	1.51	11.45	-1.80	9.66	n/a
94JEC0090	13	649568	6016709	11.24	3.09	23.44	15.35	38.79	n/a
94JEC0092	13	657675	6009927	9.53	6.26	47.48	-1.97	45.51	n/a
94JEC0095	13	663407	5998092	12.14	7.68	58.25	-1.30	56.95	n/a
94JEC0097	13	654063	6031582	7.49	2.78	21.09	7.26	28.35	n/a
94JEC0099	13	639291	6030860	7.79	3.27	24.80	5.99	30.79	n/a
94JEC0101	13	635330	6025081	10.69	6.74	51.12	-1.05	50.07	n/a
94JEC0103	13	632263	6019920	8.92	5.40	40.96	0.04	41.00	n/a
94JEC0105	13	643994	6006849	10.41	3.02	22.91	13.56	36.47	n/a
94JEC0107	13	649912	5995531	11.89	5.29	40.13	7.91	48.04	n/a
94JEC0109	13	679205	6031137	5.52	3.51	26.62	-0.67	25.96	n/a
94MOB0003	14	346364	6044034	5.03	3.07	23.29	-0.08	23.21	n/a
94MOB0004	14	346364	6044034	4.77	3.03	22.98	-0.56	22.42	n/a
94MOB0005	14	346364	6044034	5.12	2.67	20.25	1.79	22.05	n/a
94MOB0006	14	346364	6044034	4.28	2.33	17.67	1.10	18.77	n/a
94MOB0007	14	346364	6044034	5.77	2.64	20.02	3.54	23.57	n/a
94MOB0008	14	346364	6044034	4.99	2.34	17.75	2.83	20.58	n/a
94MOB0009	14	346364	6044034	5.12	2.68	20.33	1.75	22.08	n/a
94MOB0010	14	346364	6044034	2.63	2.21	16.76	-2.53	14.23	n/a
94MOB0011	14	346364	6044034	0.35	0.83	6.30	-2.54	3.75	n/a
94MOB0012	14	346364	6044034	0.30	0.77	5.84	-2.42	3.42	n/a
94MOB0013	14	346364	6044034	0.17	0.54	4.10	-1.80	2.30	n/a
94MOB0014	14	346376	6057140	0.20	0.46	3.49	-1.39	2.09	n/a
94MOB0015	14	346376	6057140	0.25	0.47	3.57	-1.31	2.25	n/a
94MOB0016	14	346376	6057140	0.20	0.23	1.74	-0.45	1.30	n/a
94MOB0017	14	346376	6057140	0.20	0.17	1.29	-0.20	1.09	n/a
94MOB0018	14	341700	6058450	0.11	0.50	3.79	-1.78	2.01	n/a
94MOB0019	14	341700	6058450	0.31	0.75	5.69	-2.31	3.38	n/a
94MOB0021	14	329435	6062695	1.92	0.73	5.54	1.79	7.33	n/a
94MOB0023	14	327902	6053304	0.14	0.56	4.25	-1.96	2.29	n/a
94MOB0025	14	330266	6055471	0.16	0.59	4.48	-2.03	2.45	n/a
94MOB0027	14	331190	6057398	7.31	0.56	4.25	15.95	20.20	n/a
94MOB0029	14	329543	6057665	0.32	0.51	3.87	-1.30	2.57	n/a
94MOB0031	14	329505	6060160	0.17	0.44	3.34	-1.39	1.95	n/a
94MOB0033	14	321482	6055495	0.23	0.58	4.40	-1.81	2.59	n/a
94MOB0035	14	322829	6056896	0.24	0.53	4.02	-1.58	2.44	n/a
94MOB0037	14	324080	6059044	0.18	0.57	4.32	-1.90	2.43	n/a
94MOB0039	14	325814	6060277	0.22	0.46	3.49	-1.34	2.14	n/a
94MOB0041	14	322960	6001967	0.18	0.24	1.82	-0.54	1.28	n/a
94MOB0043	14	325254	6052253	0.23	0.32	2.43	-0.74	1.68	n/a
94MOB0045	14	324487	6054263	0.21	0.35	2.65	-0.92	1.74	n/a
94MOB0047	14	327049	6058806	0.33	0.67	5.08	-1.93	3.15	n/a
94MOB0049	14	332957	6052582	0.66	0.76	5.76	-1.48	4.28	n/a
94MOB0052	14	335230	6057295	0.16	0.73	5.54	-2.61	2.93	n/a
94MOB0054	14	337189	6059359	0.26	0.22	1.67	-0.26	1.41	n/a
94MOB0056	14	337262	6069350	0.19	0.40	3.03	-1.17	1.86	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
94MOB0058	14	335854	6067049	0.30	0.94	7.13	-3.12	4.01	n/a
94MOB0060	14	337030	6063417	0.21	0.17	1.29	-0.18	1.11	n/a
94MOB0062	14	339531	6060667	0.40	0.42	3.19	-0.73	2.46	n/a
94MOB0066	14	340042	6058391	0.23	0.79	5.99	-2.68	3.31	n/a
94MOB0068	14	339070	6059291	0.31	0.35	2.65	-0.67	1.99	n/a
94MOB0070	14	319987	6047693	1.44	1.41	10.70	-2.21	8.49	n/a
94MOB0072	14	321060	6049353	5.04	0.45	3.41	10.73	14.15	n/a
94MOB0074	14	324970	6049541	0.60	0.76	5.76	-1.63	4.13	n/a
94MOB0076	14	325919	6048515	2.01	1.86	14.11	-2.64	11.47	n/a
94MOB0078	14	327941	6050604	0.17	0.62	4.70	-2.13	2.57	n/a
94MOB0080	14	317960	6049198	0.34	1.81	13.73	-6.60	7.13	n/a
94MOB0082	14	316351	6050315	0.19	1.12	8.50	-4.14	4.36	n/a
94MOB0085	14	318053	6051515	0.26	0.89	6.75	-3.01	3.74	n/a
94MOB0087	14	318053	6051515	0.13	0.76	5.76	-2.80	2.96	n/a
94MOB0089	14	315369	6048714	5.92	1.77	13.43	7.50	20.92	n/a
94MOB0091	14	317913	6047559	28.92	0.82	6.22	68.85	75.07	n/a
94MOB0093	14	318302	6044697	8.40	2.97	22.53	8.75	31.28	n/a
94MOB0095	14	323271	6044687	6.90	1.54	11.68	10.89	22.57	n/a
94MOB0097	14	321005	6042919	0.34	1.17	8.87	-3.97	4.91	n/a
94MOB0099	14	321121	6039913	3.03	1.57	11.91	1.10	13.01	n/a
94MOB0103	14	326906	6041360	4.99	1.38	10.47	6.78	17.25	n/a
94MOB0105	14	333504	6045446	4.60	1.66	12.59	4.65	17.24	n/a
94MOB0107	14	338534	6048265	0.20	0.47	3.57	-1.44	2.13	n/a
94MOB0109	14	332355	6059628	0.17	0.33	2.50	-0.93	1.57	n/a
94MOB0111	14	332225	6058550	1.26	0.71	5.39	0.22	5.61	n/a
94MOB0113	14	367456	6045691	11.70	7.33	55.60	-0.96	54.64	n/a
94MOB0115	14	396575	6058046	0.14	0.38	2.88	-1.21	1.67	n/a
94MOB0117	14	397692	6055918	0.09	0.69	5.23	-2.62	2.62	n/a
94MOB0119	14	394770	6052089	0.12	0.60	4.55	-2.17	2.38	n/a
94MOB0121	14	399882	6054354	0.05	0.54	4.10	-2.10	2.00	n/a
94MOB0123	14	403379	6052640	10.58	1.40	10.62	20.66	31.28	n/a
94MOB0125	14	358203	6040186	10.51	6.44	48.85	-0.27	48.58	n/a
94MOB0127	14	431255	6061530	0.12	0.65	4.93	-2.38	2.55	n/a
94MOB0129	14	432449	6065963	0.21	0.64	4.85	-2.11	2.74	n/a
94MOB0131	14	428408	6060430	0.23	0.52	3.94	-1.57	2.38	n/a
94MOB0133	14	424303	6055921	0.13	0.48	3.64	-1.65	1.99	n/a
94MOB0135	14	415676	6064452	0.18	0.93	7.05	-3.38	3.67	n/a
94MOB0137	14	412909	6067596	0.13	0.47	3.57	-1.61	1.95	n/a
94MOB0139	14	411369	6061072	0.13	0.78	5.92	-2.89	3.03	n/a
94MOB0141	14	399959	6066752	0.23	0.70	5.31	-2.31	3.00	n/a
94MOB0143	14	392790	6060948	0.15	0.41	3.11	-1.31	1.80	n/a
94MOB0145	14	390152	6054116	0.12	0.42	3.19	-1.43	1.76	n/a
94MOB0147	14	385914	6063961	0.08	0.37	2.81	-1.32	1.48	n/a
94MOB0149	14	382327	6062352	2.76	0.64	4.85	4.26	9.11	n/a
94MOB0151	14	363892	6058168	0.21	0.51	3.87	-1.58	2.29	n/a
94MOB0153	14	360393	6062760	0.20	0.62	4.70	-2.05	2.65	n/a
94MOB0155	14	363738	6067328	0.18	0.95	7.21	-3.46	3.74	n/a
94MOB0157	14	367152	6067196	0.09	0.23	1.74	-0.72	1.02	n/a
94MOB0159	14	353032	6062312	0.31	0.26	1.97	-0.30	1.68	n/a
94MOB0161	14	352304	6058686	0.13	0.25	1.90	-0.70	1.19	n/a
94MOB0163	14	355163	6069513	0.07	0.38	2.88	-1.39	1.49	n/a
94MOB0165	14	363867	6072799	0.23	0.30	2.28	-0.66	1.61	n/a
94MOB0167	14	367904	6075122	0.15	0.34	2.58	-1.03	1.55	n/a
94MOB0169	14	396119	6010305	11.16	6.74	51.12	0.12	51.25	n/a
94MOB0170	14	396119	6010305	10.68	6.46	49.00	0.08	49.08	n/a
94MOB0171	14	396119	6010305	10.01	6.12	46.42	-0.20	46.22	n/a
94MOB0172	14	396119	6010305	9.54	5.79	43.92	-0.01	43.90	n/a
94MOB0173	14	396119	6010305	8.04	4.91	37.24	-0.14	37.11	n/a
94MOB0174	14	396119	6010305	9.63	5.71	43.31	0.54	43.85	n/a
94MOB0175	14	396119	6010305	10.03	5.94	45.06	0.59	45.65	n/a
94MOB0176	14	396119	6010305	13.70	8.30	62.96	0.04	63.00	n/a
94MOB0177	14	396119	6010305	13.27	7.91	60.00	0.57	60.57	n/a
94MOB0178	14	396119	6010305	11.43	6.81	51.66	0.51	52.16	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
94MOB0179	14	396119	6010305	12.03	6.83	51.81	1.92	53.73	n/a
94MOB0180	14	396119	6010305	12.06	6.69	50.74	2.57	53.32	n/a
94MOB0181	14	396119	6010305	13.92	5.80	43.99	10.88	54.88	n/a
94MOB0182	14	396119	6010305	15.76	5.89	44.68	15.11	59.78	n/a
94MOB0183	14	396119	6010305	14.16	7.00	53.10	6.54	59.64	n/a
94MOB0184	14	396119	6010305	13.27	7.46	56.59	2.43	59.01	n/a
94MOB0185	14	331092	6059922	1.90	0.44	3.34	2.93	6.27	n/a
94MOB0186	14	327426	6063495	0.11	0.47	3.57	-1.66	1.90	n/a
94MOB0188	14	328507	6066487	0.10	0.38	2.88	-1.31	1.57	n/a
94MOB0190	14	329474	6069792	0.03	0.47	3.57	-1.86	1.70	n/a
94MOB0192	14	347476	6066023	0.15	0.52	3.94	-1.77	2.18	n/a
94MOB0194	14	356062	6065184	0.08	0.45	3.41	-1.65	1.76	n/a
94MOB0196	14	351846	6067672	0.06	0.61	4.63	-2.36	2.27	n/a
94MOB0200	14	351416	6076905	0.16	0.42	3.19	-1.33	1.86	n/a
94MOB0202	14	356252	6074489	0.12	0.29	2.20	-0.89	1.31	n/a
94MOB0204	14	358265	6079406	0.02	0.30	2.28	-1.19	1.09	n/a
94MOB0246	14	320049	6034199	3.18	1.34	10.16	2.42	12.59	n/a
94MOB0248	14	320049	6034199	2.06	1.71	12.97	-1.90	11.07	n/a
94MOB0249	14	313667	6027275	5.60	2.12	16.08	5.26	21.34	n/a
94MOB0251	14	308569	6021172	1.05	1.27	9.63	-2.61	7.03	n/a
94MOB0253	14	309340	6006131	9.38	6.15	46.65	-1.90	44.75	n/a
94MOB0257	14	314646	5995826	10.55	6.34	48.09	0.24	48.33	n/a
94MOB0261	13	696036	5994564	9.90	6.38	48.39	-1.54	46.85	n/a
94MOB0263	13	685828	5988542	10.66	6.84	51.88	-1.54	50.34	n/a
94MOB0265	13	684094	6005059	7.96	2.49	18.89	9.63	28.51	n/a
94MOB0267	13	676437	6002532	10.50	6.39	48.47	-0.09	48.38	n/a
94MOB0269	14	307854	6028723	6.86	2.57	19.49	6.55	26.04	n/a
94MOB0272	13	669396	6026432	2.95	2.72	20.63	-3.83	16.80	n/a
94MOB0274	13	674103	6023359	14.48	6.12	46.42	10.96	57.39	n/a
94MOB0276	13	668239	6007176	12.88	6.43	48.77	5.69	54.47	n/a
94MOB0278	13	671761	5992455	11.75	6.31	47.86	3.36	51.23	n/a
94MOB0281	13	650988	6001536	13.18	6.05	45.89	8.01	53.90	n/a
94MOB0283	13	657696	6039254	6.78	3.48	26.40	2.60	29.00	n/a
94MOB0285	13	643381	6037359	4.07	2.90	22.00	-1.78	20.22	n/a
94MOB0289	13	640262	6011466	11.22	6.41	48.62	1.63	50.25	n/a
94MOB0291	13	634430	6003313	8.93	4.92	37.32	2.05	39.36	n/a
94MOB0293	13	642858	5998989	11.29	4.88	37.02	8.10	45.12	n/a
94MOB0295	13	667900	6017435	15.42	8.49	64.40	3.55	67.95	n/a
94MOB0297	14	310417	6036910	0.21	0.74	5.61	-2.52	3.09	n/a
94MOB0299	14	310417	6036910	0.24	1.14	8.65	-4.09	4.55	n/a
94MOB0300	13	688194	6021564	11.75	6.58	49.91	2.25	52.16	n/a
94MOB0302	13	690765	6014986	6.91	3.59	27.23	2.48	29.71	n/a
94MOB0305	13	652458	6026146	3.61	2.52	19.11	-1.36	17.75	n/a
94MOB0307	13	640611	6020756	14.20	3.40	25.79	21.46	47.25	n/a
94MOB0309	13	648250	6023873	2.23	1.74	13.20	-1.59	11.60	n/a
94MOB0311	13	662300	6040000	6.45	3.17	24.05	3.06	27.10	n/a
94MOB0313	13	660246	6047170	4.34	2.24	16.99	1.62	18.61	n/a
94MOB0315	13	652354	6047611	5.11	3.50	26.55	-1.65	24.90	n/a
94MOB0317	13	639321	6042862	0.32	0.85	6.45	-2.70	3.75	n/a
94MOB0319	13	640786	6047269	1.38	1.31	9.94	-1.95	7.99	n/a
94MOB0321	13	630962	6043820	8.29	1.73	13.12	13.58	26.70	n/a
94MOB0323	13	631346	6037986	9.40	1.95	14.79	15.45	30.24	n/a
94MOB0325	13	633126	6049760	4.37	2.93	22.22	-1.15	21.07	n/a
94MOB1000	14	331357	6063662	0.79	1.28	9.71	-3.30	6.41	n/a
94MOB1002	14	329693	6064879	0.20	0.42	3.19	-1.23	1.96	n/a
94MOB1004	14	330937	6066967	0.08	0.49	3.72	-1.82	1.90	n/a
94MOB1006	14	332518	6068536	0.17	0.72	5.46	-2.54	2.92	n/a
94MOB1008	14	332238	6069839	0.18	0.46	3.49	-1.44	2.04	n/a
94MOB1010	14	330650	6069102	0.20	0.44	3.34	-1.31	2.03	n/a
94MOB1012	14	333284	6054643	0.23	0.41	3.11	-1.11	2.00	n/a
94MOB1014	14	335003	6050558	0.90	0.52	3.94	0.11	4.05	n/a
94MOB1016	14	335003	6050558	0.31	1.03	7.81	-3.47	4.35	n/a
94MOB1017	14	337791	6051633	6.88	0.81	6.14	13.85	19.99	n/a

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Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
94MOB1019	14	341700	6058450	13.33	1.74	13.20	26.13	39.32	n/a
94MOB1021	14	330716	6052232	0.80	1.15	8.72	-2.74	5.99	n/a
94MOB1023	14	338282	6061856	0.09	0.39	2.96	-1.38	1.58	n/a
94MOB1025	14	342683	6063124	0.18	0.33	2.50	-0.91	1.59	n/a
94MOB1027	14	330716	6052232	15.50	1.56	11.83	32.29	44.12	n/a
94MOB1028	14	330716	6052232	0.63	0.95	7.21	-2.34	4.87	n/a
94MOB1029	14	330716	6052232	12.99	2.04	15.47	24.04	39.51	n/a
94MOB1030	14	330716	6052232	15.14	1.58	11.98	31.30	43.29	n/a
94MOB1031	14	330716	6052232	0.21	0.63	4.78	-2.07	2.71	n/a
94MOB1032	14	330716	6052232	0.07	0.35	2.65	-1.27	1.39	n/a
94MOB1034	14	330716	6052232	0.85	1.17	8.87	-2.69	6.18	n/a
94MOB1034B	14	330716	6052232	11.85	1.91	14.49	21.73	36.22	n/a
94MOB1035	14	341811	6053038	0.27	0.72	5.46	-2.29	3.17	n/a
94MOB1037	14	343656	6052882	0.45	1.19	9.03	-3.78	5.25	n/a
94MOB1039	14	343123	6048878	0.30	0.53	4.02	-1.43	2.59	n/a
94MOB1041	14	339491	6049902	0.29	0.77	5.84	-2.45	3.39	n/a
94MOB1045	14	399616	6060173	0.29	0.41	3.11	-0.96	2.15	n/a
94MOB1047	14	417193	6056386	0.06	0.31	2.35	-1.13	1.22	n/a
94MOB1049	14	417981	6058288	0.12	0.34	2.58	-1.10	1.48	n/a
94MOB1052	14	414489	6059404	0.13	0.26	1.97	-0.75	1.23	n/a
94MOB1054	14	318302	6044697	0.30	0.89	6.75	-2.91	3.84	n/a
94MOB1056	14	409296	6054187	0.31	0.34	2.58	-0.63	1.95	n/a
94MOB1058	14	406195	6057775	0.18	0.65	4.93	-2.23	2.70	n/a
94MOB1060	14	405872	6062048	0.55	0.97	7.36	-2.62	4.74	n/a
94MOB1062	14	402475	6063976	0.18	0.33	2.50	-0.91	1.59	n/a
94MOB1064	14	399616	6060173	5.94	1.15	8.72	10.10	18.82	n/a
94MOB1065	14	399616	6060173	4.67	1.12	8.50	7.05	15.55	n/a
94MOB1067	14	333148	6058763	0.46	0.94	7.13	-2.72	4.41	n/a
94MOB1069	14	330667	6061021	0.29	0.70	5.31	-2.16	3.15	n/a
94MOB1071	14	321724	6063933	0.45	1.15	8.72	-3.61	5.11	n/a
94MOB1073	14	324091	6067616	0.14	0.32	2.43	-0.97	1.46	n/a
94MOB1075	14	322273	6064654	0.06	0.88	6.67	-3.47	3.20	n/a
94MOB1077	14	323358	6063993	0.48	0.56	4.25	-1.11	3.14	n/a
94MOB1079	14	325154	6063614	0.49	0.54	4.10	-1.00	3.10	n/a
94MOB1081	14	321421	6062614	5.41	0.98	7.43	9.48	16.91	n/a
94MOB1083	14	320945	6060096	2.81	1.32	10.01	1.58	11.60	n/a
94MOB1085	14	316425	6060122	1.98	1.02	7.74	0.75	8.48	n/a
94MOB1087	14	315991	6058283	17.38	1.36	10.32	37.80	48.12	n/a
94MOB1089	14	318355	6056795	0.42	1.02	7.74	-3.15	4.59	n/a
94MOB1091	14	318914	6059558	3.44	1.04	7.89	4.31	12.20	n/a
94MOB1093	14	318754	6062287	0.43	1.12	8.50	-3.54	4.96	n/a
94MOB1095	14	342966	6060949	0.45	0.65	4.93	-1.55	3.38	n/a
94MOB1097	14	341965	6060025	4.65	1.12	8.50	7.00	15.50	n/a
94MOB1099	14	337544	6057768	0.29	0.35	2.65	-0.72	1.94	n/a
94MOB1101	14	316827	6070040	0.14	0.39	2.96	-1.26	1.70	n/a
94MOB1103	14	319484	6076927	0.35	0.79	5.99	-2.38	3.61	n/a
94MOB1104	14	318793	6066835	0.70	0.74	5.61	-1.30	4.31	n/a
94MOB1106	14	318297	6069207	0.50	0.52	3.94	-0.89	3.05	n/a
94MOB1108	14	321607	6057315	1.20	1.27	9.63	-2.23	7.40	n/a
94MOB1110	14	322364	6060597	0.25	0.63	4.78	-1.97	2.81	n/a
94MOB1112	14	322364	6060597	0.22	0.55	4.17	-1.71	2.46	n/a
94MOB1113	14	326049	6065931	0.18	0.30	2.28	-0.79	1.49	n/a
94MOB1115	14	327577	6068410	0.26	0.54	4.10	-1.57	2.52	n/a
94MOB1117	14	336217	6061250	0.13	0.47	3.57	-1.61	1.95	n/a
94MOB1119	14	320970	6069317	0.40	0.78	5.92	-2.21	3.70	n/a
94MOB1121	14	322984	6070011	0.30	0.77	5.84	-2.42	3.42	n/a
94MOB1123	14	321757	6064303	0.92	0.83	6.30	-1.12	5.18	n/a
94MOB1124	14	321048	6066312	0.86	0.68	5.16	-0.65	4.51	n/a
94MOB1126	14	318506	6069941	0.19	0.34	2.58	-0.93	1.65	n/a
95ISK0001	14	382425	6051575	0.21	0.55	4.17	-1.74	2.43	n/a
95ISK0002	14	383225	6052300	0.14	0.55	4.17	-1.91	2.26	n/a
95ISK0003	14	384200	6052650	0.22	0.47	3.57	-1.39	2.18	n/a
95ISK0004	14	384250	6054150	0.17	0.55	4.17	-1.84	2.33	n/a

Appendix VII: Carbonate Content

Sample Number	UTM Zone	Easting	Northing	Ca Wt %	Mg Wt %	Dolomite Wt %	Calcite Wt %	Total CO3 Wt %	% CaCO3 LECO
95ISK0005	14	383750	6055300	0.24	0.51	3.87	-1.50	2.37	n/a
95ISK0006	14	381700	6052650	0.26	0.95	7.21	-3.26	3.94	n/a
95ISK0007	14	382100	6053550	0.22	0.35	2.65	-0.89	1.76	n/a
95ISK0008	14	381475	6054200	0.17	0.86	6.52	-3.12	3.41	n/a
95ISK0009	14	380400	6054950	0.14	0.82	6.22	-3.03	3.19	n/a
95ISK0010	14	385750	6051500	0.24	0.70	5.31	-2.28	3.03	n/a
95ISK0011	14	386775	6052100	0.20	0.30	2.28	-0.74	1.54	n/a
95ISK0012	14	387650	6053600	0.11	0.40	3.03	-1.37	1.66	n/a
95ISK0013	14	388100	6057750	0.14	0.14	1.06	-0.23	0.84	n/a
95ISK0014	14	385950	6052650	0.13	0.53	4.02	-1.86	2.16	n/a
95ISK0015	14	383550	6056200	0.14	0.60	4.55	-2.12	2.43	n/a
95ISK0016	14	382825	6057000	0.14	0.51	3.87	-1.75	2.12	n/a
95ISK0017	14	379850	6057050	0.16	0.92	6.98	-3.39	3.59	n/a
95ISK0018	14	378425	6055650	0.16	0.57	4.32	-1.95	2.38	n/a
95ISK0019	14	376650	6056700	0.19	1.13	8.57	-4.18	4.39	n/a
95ISK0020	14	377350	6057550	0.13	1.35	10.24	-5.23	5.01	n/a
95ISK0021	14	376650	6058350	0.14	0.83	6.30	-3.07	3.23	n/a
95MOB001	13	636348	6099574	0.19	0.46	3.49	-1.42	2.07	n/a
95MOB003	13	631772	6096920	0.06	0.64	4.85	-2.49	2.37	n/a
95MOB005	13	633883	6094193	0.05	0.33	2.50	-1.23	1.27	n/a
95MOB007	13	637534	6089838	0.08	1.24	9.41	-4.91	4.50	n/a
95MOB009	13	630084	6091687	0.16	0.43	3.26	-1.37	1.89	n/a
95MOB011	13	629705	6085409	0.15	0.29	2.20	-0.82	1.38	n/a
95MOB014	13	633337	6083469	0.10	0.27	2.05	-0.86	1.19	n/a
95MOB018	13	688339	6101944	0.13	0.65	4.93	-2.35	2.58	n/a
95MOB020	13	672507	6101531	0.37	0.99	7.51	-3.15	4.36	n/a
95MOB022	13	672048	6110862	0.20	0.63	4.78	-2.09	2.68	n/a
95MOB024	13	676182	6117037	0.23	1.12	8.50	-4.04	4.46	n/a
95MOB026	13	671883	6123143	0.04	1.13	8.57	-4.55	4.02	n/a
95MOB028	13	685129	6122932	0.12	0.57	4.32	-2.05	2.28	n/a
95MOB030	13	658728	6121993	0.03	0.58	4.40	-2.31	2.09	n/a
95MOB032	13	661254	6114547	0.17	0.45	3.41	-1.43	1.99	n/a
95MOB034	13	656767	6103940	0.34	0.64	4.85	-1.79	3.07	n/a
95MOB036	13	631718	6076437	0.16	0.64	4.85	-2.24	2.62	n/a
95MOB038	13	630451	6057854	3.05	2.03	15.40	-0.74	14.66	n/a
95MOB040	13	635600	6055150	5.20	1.42	10.77	7.14	17.91	n/a

APPENDIX VIII. Lithological Composition

Sample preparation: wet sieve 4-8mm range
Analytical method: visual count (maximum 300 pebbles), percentage calculated by number counted, except HJB samples by weight

Paleozoic carbonates: dolomite, dolomitic shale, chert
Paleozoic sandstones: quartz sandstone (Winnipeg Formation)
Precambrian carbonates: undifferentiated plutonic, volcanic, metamorphic lithologies

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
86KDA0351	14	369100	6113000	250	0.0	0.0	100.0	
86KDA0352	14	370900	6115850	97	0.0	0.0	100.0	
86KDA0353	14	371625	6122100	262	0.0	0.0	100.0	
86KDA0354	14	363800	6118500	300	0.0	0.0	100.0	
86KDA0361	14	365400	6109075	119	0.0	0.0	100.0	
86KDA0376	14	364200	6097875	193	0.0	0.0	100.0	
86KDA0428	14	342750	6124550	300	0.0	0.0	100.0	
86KDA0430	14	350670	6118980	300	0.0	0.0	100.0	
86KDA0438	14	359450	6098500	300	0.0	0.0	100.0	
86KDA0448	14	352800	6103550	300	0.0	0.0	100.0	
86KDA0449	14	357100	6111200	300	0.0	0.0	100.0	
86KDA0459	14	344725	6119700	300	0.0	0.0	100.0	
86KDA0460	14	344800	6112650	219	0.0	0.0	100.0	
86KDA0468	14	371175	6106600	300	0.0	0.0	100.0	
86KDA0479	14	375980	6111650	300	0.0	0.0	100.0	
86KDA0480	14	360575	6096250	300	0.0	0.0	100.0	
86KDA0481	14	359600	6094950	140	0.0	0.0	100.0	
86KDA0484	14	357750	6094500	300	0.0	0.0	100.0	
86KDA0486	14	357800	6091950	211	0.0	0.0	100.0	
86KDA0490	14	355250	6090900	114	0.0	0.0	100.0	
86KDA0491	14	352650	6089400	111	0.0	0.0	100.0	
86KDA0492	14	347000	6088925	266	0.0	0.0	100.0	
86KDA0498	14	389650	6101900	279	0.0	0.0	100.0	
86KDA0499	14	381050	6104250	183	0.0	0.0	100.0	
86KDA0500	14	385875	6106575	250	0.0	0.0	100.0	
86KDA0506	14	382225	6112175	220	0.0	0.0	100.0	
86KDA0508	14	385100	6118325	134	0.0	0.0	100.0	
86KDA0515	14	396350	6096700	300	0.0	0.0	100.0	
86KDA0516	14	395800	6101700	294	0.0	0.0	100.0	
86KDA0517	14	398200	6106850	100	0.0	0.0	100.0	
86KDA0518	14	396100	6110750	290	0.0	0.0	100.0	
86KDA0519	14	390450	6115750	167	0.0	0.0	100.0	
86KDA0520	14	343500	6088425	230	0.0	0.0	100.0	
86KDA0521	14	342975	6092675	300	0.0	0.0	100.0	
86KDA0522	14	342800	6095850	270	0.0	0.0	100.0	
86KDA0523	14	347300	6098200	300	0.0	0.0	100.0	
86KDA0525	14	347800	6101550	300	0.0	0.0	100.0	
86KDA0539	14	395750	6118100	185	0.0	0.0	100.0	
86KDA0542	14	344700	6106125	218	0.0	0.0	100.0	
86KDA0546	14	392700	6123000	126	0.0	0.0	100.0	
86KDA0554	14	402300	6116950	40	0.0	0.0	100.0	
86KDA0554	14	402300	6116950	225	0.0	0.0	100.0	
86KDA0555	14	401300	6104100	300	0.0	0.0	100.0	
86KDA0556	14	401650	6099250	300	0.0	0.0	100.0	
86KDA0601	14	341250	6084750	300	0.0	0.0	100.0	
86KDA0602	14	343100	6086350	300	0.0	0.0	100.0	
86KDA0610	14	356750	6093000	300	0.0	0.0	100.0	
86KDA0610	14	356750	6093000	300	0.0	0.0	100.0	
86KDA0614	14	363000	6096700	300	0.0	0.0	100.0	
86KDA0618	14	332500	6098050	187	0.0	0.0	100.0	
86KDA0619	14	373050	6100000	88	0.0	0.0	100.0	
86KDA0650	14	371150	6100050	300	0.0	0.0	100.0	
86KDA0652	14	369800	6099800	140	0.0	0.0	100.0	
86KDA0653	14	367600	6098900	258	0.0	0.0	100.0	
86KDA0654	14	434800	6081150	300	0.7	0.0	99.3	
86KDA0655	14	433300	6083750	174	0.0	0.0	100.0	
86KDA0704	14	415000	6121000	300	0.0	0.0	100.0	
86KDA0706	14	433300	6115600	21	0.0	0.0	100.0	
86KDA0707	14	426600	6112000	159	0.0	0.0	100.0	
86KDA0710	14	330350	6110100	300	0.0	0.0	100.0	
86KDA0711	14	334050	6109850	300	0.0	0.0	100.0	
86KDA0713	14	424500	6098800	300	0.0	0.0	100.0	
86KDA0714	14	435000	6104300	300	0.0	0.0	100.0	
86KDA0715	14	429800	6100500	158	0.0	0.0	100.0	
86KDA0717	14	422300	6108400	176	0.0	0.0	100.0	
86KDA0718	14	334600	6118700	277	0.0	0.0	100.0	
86KDA0720	14	327300	6125250	300	0.0	0.0	100.0	
86KDA0721	14	322950	6115600	297	0.0	0.0	100.0	
86KDA0727	14	319050	6125930	300	0.0	0.0	100.0	
86KDA0728	14	316750	6118600	300	0.0	0.0	100.0	
86KDA0729	14	316600	6102200	115	0.0	0.0	100.0	
86KDA0730	14	320550	6100820	274	0.0	0.0	100.0	
86KDA0731	14	327400	6107200	300	0.0	0.0	100.0	
86KDA0732	14	327550	6110850	300	0.0	0.0	100.0	
86KDA0734	14	410500	6101300	211	0.0	0.0	100.0	
86KDA0735	14	417400	6111900	300	0.0	0.0	100.0	
86KDA0736	14	413400	6114900	300	0.0	0.0	100.0	
86KDA0737	14	406800	6112000	300	0.0	0.0	100.0	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
86KDA3230	14	365650	6101300	300	0.0	0.0	100.0	
86KDA3245	14	369800	6099850	240	0.0	0.0	100.0	
86KDA3262	14	332950	6058150	300	0.0	0.0	100.0	
86KDA3273	14	319150	6070700	300	0.0	0.0	100.0	
86KDA3273	14	319150	6070700	300	0.0	0.0	100.0	
86KDA3277	14	318750	6070550	300	0.0	0.0	100.0	
86KDA3281	14	318150	6070750	288	0.0	0.0	100.0	
86KDA3285	14	317600	6071000	300	0.0	0.0	100.0	
86KDA3288	14	317600	6071000	108	0.0	0.0	100.0	
86KDA3292	14	316500	6072050	300	0.0	0.0	100.0	
86KDA3305	14	316900	6071550	95	0.0	0.0	100.0	
86KDA3309	14	319050	6071500	300	0.0	0.0	100.0	
86KDA3312	14	319750	6070200	98	0.0	0.0	100.0	
86KDA3321	14	321250	6066250	209	0.5	0.0	99.5	
86KDA3325	14	317450	6073250	42	0.0	0.0	100.0	
86KDA3334	14	317500	6074550	274	0.0	0.0	100.0	
86KDA3338	14	321225	6066850	94	0.0	0.0	100.0	
91MOB0001	14	318815	6076970	300	0.0	0.0	100.0	Granite grain in metased. granule
91MOB0002	14	321918	6064172	147	0.0	0.0	100.0	
91MOB0003	14	346435	6034384	300	38.3	2.7	59.0	
91MOB0004	14	519605	6083340	300	0.3	0.0	99.7	One jasper, one HBL carbonate
91MOB0005	14	436605	6065413	300	0.0	0.0	100.0	Several schists with woody look
91MOB0006	14	437378	6065419	300	0.0	0.0	100.0	One fresh schist
91MOB0007	14	437098	6066101	300	0.0	0.0	100.0	
91MOB0008	14	437910	6058120	300	0.0	0.0	100.0	
91MOB0009	14	482153	5966147	300	90.0	0.0	10.0	One paleozoic chert
91MOB0010	14	486147	5976180	300	81.7	0.0	18.3	
91MOB0011	14	487717	5983803	300	71.3	0.4	28.3	
91MOB0012	14	488177	5986411	300	93.0	0.0	7.0	
91MOB0012	14	488110	5986428	300	88.0	0.0	12.0	
91MOB0013	14	448421	6051727	300	78.0	0.3	21.7	
91MOB0014	14	361885	5982216	214	92.3	0.0	7.7	
91MOB0015	14	361886	5982223	273	86.4	0.4	13.2	
91MOB0016	14	392461	6005860	300	90.3	0.0	9.7	Many granules covered with calc. film
91MOB0017	14	387039	5996312	300	90.0	0.3	9.7	Several white, chalk-like granules
91MOB0018	14	378309	5988710	300	99.7	0.0	0.3	Except 3, all are buff colored
91MOB0019	14	434729	5985248	300	93.3	0.0	6.7	
91MOB0020	14	435590	5994429	300	93.7	0.0	6.3	
91MOB0021	14	350786	5986291	265	87.6	0.0	12.4	
91MOB0022	14	348391	5995709	300	94.0	0.0	6.0	
91MOB0023	14	343644	6000122	300	100.0	0.0	0.0	
91MOB0024	14	346426	6000957	300	99.7	0.0	0.3	Only 2 gran. and 2 metavolc. in samp.
91MOB0025	14	339790	6007820	300	93.3	0.4	6.3	
91MOB0026	14	349546	6000003	300	81.3	0.0	18.7	
91MOB0027	14	353089	6003362	300	85.7	0.0	14.3	
91MOB0027	14	353089	6003362	300	88.0	0.0	12.0	
91MOB0028	14	355826	6011553	300	89.0	0.0	11.0	
91MOB0029	14	348718	6011610	300	83.3	0.0	16.7	
91MOB0030	14	315683	6100400	300	0.0	0.0	100.0	
91MOB0031	14	324438	6097220	300	0.0	0.0	100.0	
91MOB0032	14	370024	6099685	300	0.0	0.0	100.0	
91MOB0033	14	369147	6051387	253	1.6	0.8	97.6	
91MOB0033	14	369147	6051387	300	0.7	2.0	97.3	
91MOB0034	14	370255	6049783	300	62.3	4.7	33.0	
91MOB0035	14	364910	6043984	300	81.3	0.7	18.0	
91MOB0036	14	360264	6041461	216	75.3	0.0	24.7	
91MOB0041	13	685910	6039437	300	14.7	0.0	85.3	
91MOB0042	14	307966	6042535	300	41.6	2.7	55.7	
92HJB1000	13	687475	6082000	<250	0.0	0.0	100.0	Other - rusty, weathered
92HJB1001	13	686650	6084650	>250	0.0	0.0	100.0	metasediments = quartzite
92HJB1002	13	683450	6083860	<250	0.0	0.0	100.0	very small sample
92HJB1003	13	673075	6083150	<250	0.0	0.0	100.0	clasts predominant till balls - oxidized
92HJB1004	13	669685	6082550	>250	0.0	0.0	100.0	
92HJB1005A	14	311100	6080645	>250	0.0	0.0	100.0	
92HJB1005B	14	311100	6080645	>250	0.0	0.0	100.0	maf. plut. = 5.5 g diorite, rest and many schists same rock type, varying degree of shearing
92HJB1006	14	312850	6078675	<250	0.0	0.0	100.0	Fe-rich metasediments - small sample
92HJB1007	14	312475	6075200	<250	0.0	0.0	100.0	dirty arkose and quartzite? ; small sample
92HJB1008	14	311650	6081425	<250	0.0	0.0	100.0	very small sample
92HJB1009	14	315300	6080945	<250	0.0	0.0	100.0	no garnets; clasts angular
92HJB1010	14	314050	6081200	<250	0.0	0.0	100.0	very small sample - sub-angular to sub-rounded, garnets
92HJB1011	14	307300	6078400	>250	0.0	0.0	100.0	numerous fine-grained amphibolite under mafic plutonic; rare sulphides
92HJB1012	14	309550	6077250	>250	0.0	0.0	100.0	very small sample, others rusty, quartz recrystallization on one face
92HJB1013	14	307125	6088275	<250	0.0	0.0	100.0	
92HJB1014	13	692125	6086100	>250	0.0	0.0	100.0	rocks - intermediate to mafic not really felsic nor mafic; very small sample
92HJB1015A	13	692370	6085370	<250	0.0	0.0	100.0	
92HJB1015B	13	692370	6085370	<250	0.0	0.0	100.0	
92HJB1016	14	308100	6085100	<250	0.0	0.0	100.0	Other - meta arkose; small sample
92HJB1017	14	309460	6083240	<250	0.0	0.0	100.0	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
92HJB1018	13	670305	6087650	>250	0.0	0.0	100.0	garnets; weathered; sub-angular to sub-rounded
92HJB1019	13	670030	6086700	<250	0.0	0.0	100.0	small sample
92HJB1020	13	669645	6086165	<250	0.0	0.0	100.0	small sample
92HJB1021	13	668410	6085590	<250	0.0	0.0	100.0	small sample
92HJB1022A	13	668000	6083630	>250	0.0	0.0	100.0	
92HJB1022B	13	668000	6083630	>250	0.0	0.0	100.0	
92HJB1023	13	669320	6082150	<250	0.0	0.0	100.0	
92HJB1024	13	664290	6083170	>250	0.0	0.0	100.0	numerous sub-rounded clasts
92HJB1025A	13	690030	6079955	<250	0.0	0.0	100.0	
92HJB1025B	13	690030	6079955	>250	0.0	0.0	100.0	2 epidote-rich felsic intrusive
92HJB1025C	13	690030	6079955	<250	0.0	0.0	100.0	garnetiferous; small sample
92HJB1026	14	315110	6071280	<250	0.0	0.0	100.0	weathered clasts; numerous quartz fragments; small sample
92HJB1027	14	312395	6072535	<250	0.0	0.0	100.0	Other= quartzite
92HJB1028	14	311180	6075365	<250	0.0	0.0	100.0	garnetiferous
92HJB1029	13	686045	6079030	<250	0.0	0.0	100.0	clasts weathered; rare garnets; 1 mafic schist
92HJB1030	13	687395	6079170	>250	0.0	0.0	100.0	
92HJB1031	13	688445	6078540	<250	0.0	0.0	100.0	clasts weathered
92HJB1032	13	689750	6078590	<250	0.0	0.0	100.0	
92HJB1033	13	675130	6080430	<250	0.0	0.0	100.0	very small sample; minor garnets
92HJB1034	13	676425	6079125	<250	0.0	0.0	100.0	silt covered
92HJB1035	13	678350	6081120	>250	0.0	0.0	100.0	
92HJB1036	13	679515	6078950	<250	0.0	0.0	100.0	
92HJB1037	13	680540	6080490	<250	0.0	0.0	100.0	garnetiferous schists and gneisses; small sample; some schists = greenschist facies?
92HJB1038	13	681860	6079880	>250	0.0	0.0	100.0	angular clasts
92HJB1039	13	683640	6080240	>250	0.0	0.0	100.0	Other - semi-pelitic gneiss
92HJB1040	13	685945	6077500	<250	0.0	0.0	100.0	very small sample (<100)
92HJB1041	13	686740	6089930	>250	0.0	0.0	100.0	
92HJB1042	13	685645	6088600	<250	0.0	0.0	100.0	
92HJB1043A	13	684700	6087040	>250	0.0	0.0	100.0	
92HJB1043B	13	684700	6087040	<250	0.0	0.0	100.0	
92HJB1044	13	688230	6086440	<250	0.0	0.0	100.0	predominantly biotite, quartzofeldspathic granitoid; occasional garnetiferous mafic intrusive
92HJB1045	14	312440	6071845	>250	0.0	0.0	100.0	
92HJB1046	14	312950	6071425	<250	0.0	0.0	100.0	
92HJB1047	13	687800	6080820	<250	0.0	0.0	100.0	
92HJB1048	13	660550	6080305	>250	0.0	0.0	100.0	numerous sub-rounded clasts
92HJB1049	14	313450	6076045	<250	0.0	0.0	100.0	
92HJB1050	13	691160	6078895	<250	0.0	0.0	100.0	Fe-rich metasediment schists
92HJB1051	14	315300	6080945	<250	0.0	0.0	100.0	
92HJB2000	14	314175	6070150	<250	0.0	0.0	100.0	frequent garnetiferous felsic gneisses
92HJB2001	14	311175	6063450	<250	0.0	0.0	100.0	small sample; 1 rusty, 1 garnetiferous
92HJB2002	14	315875	6058330	>250	0.0	0.0	100.0	Greenstone - sub-rounded
92HJB2003	14	315550	6068665	>250	0.0	0.0	100.0	
92HJB2004	14	307710	6056595	<250	0.0	0.0	100.0	
92HJB2005	14	307775	6055360	<250	0.0	0.0	100.0	many clasts not locally derived
92HJB2006A	14	306770	6053380	>250	0.0	0.0	100.0	occasional garnetiferous mafic gneiss; several rusty clasts
92HJB2006B	14	306770	6053380	<250	6.8	0.0	93.2	
92HJB2007	13	691500	6063600	<250	0.0	0.0	100.0	several garnetiferous gneisses
92HJB2008	13	692525	6056525	>250	0.2	0.0	99.8	occasional garnetiferous gneiss; 1 carbonate
92HJB2009	13	693125	6055225	>250	9.4	0.0	90.6	Other= weath. clasts - f-grnd felsic to mafic intru., sub-rded; Carb. includes 4 non-cal. sandst
92HJB2010	14	306580	6052440	<250	1.1	0.0	98.9	pink carbonates
92HJB2011	13	691635	6046160	<250	9.7	0.0	90.3	
92HJB2012	13	693775	6044510	<250	43.5	1.5	55.0	3 pink carbonates - rest buff; 3 calcareous sandstones; small sample
92HJB2013	14	306775	6043300	<250	57.3	0.0	42.7	3 pink carbonates - rest buff
92HJB2014	13	689075	6042875	<250	8.4	0.0	91.6	
92HJB2015	13	686600	6043075	>250	0.0	0.0	100.0	rare garnetiferous gneiss; angular; paleozoic bedrock on geology map
92HJB2016	13	685250	6045050	<250	35.1	0.0	64.9	several pink - 1 gray carbonates, rest buff
92HJB2017A	13	685390	6048790	<250	0.0	0.0	100.0	rare garnet mafic plutonic
92HJB2017B	13	685390	6048790	>250	0.0	0.0	100.0	
92HJB2018A	13	685260	6051625	>250	0.0	0.0	100.0	2 garnetiferous gneiss
92HJB2018B	13	685260	6051625	<250	0.0	0.0	100.0	small sample
92HJB2019	13	686710	6053940	<250	0.0	0.0	100.0	silt coated; rare garnetiferous gneiss
92HJB2020	13	687750	6055685	>250	0.0	0.0	100.0	sub-rounded to sub-angular
92HJB2021	14	311175	6043700	<250	31.1	4.0	64.9	angular to sub-angular; 8 sandstones in carbonates
92HJB2022	14	312255	6045920	<250	20.6	0.0	79.4	small sample
92HJB2023	14	313420	6045040	>250	0.0	0.0	100.0	
92HJB2024	14	313000	6047785	<250	26.6	0.0	73.4	rare garnetiferous gneiss
92HJB2025	14	313230	6049650	<250	17.7	0.0	82.3	clasts angular to sub-angular; rare garnetiferous gneiss; one pink carbonate
92HJB2026A	13	680025	6049500	<250	1.4	0.0	98.6	
92HJB2026B	13	680025	6049500	>250	0.7	0.0	99.3	
92HJB2027	13	677650	6048900	<250	0.0	0.0	100.0	Other - weathered, oxidized and rusty; occasional garnetiferous gneiss
92HJB2028	13	684425	6055400	>250	0.0	0.0	100.0	
92HJB2029	14	310725	6049600	>250	62.8	0.0	37.2	Carb. predom. buff dolomite, also pink limestone, cal. sandstone, angular; rest - sub-angular
92HJB2030	14	309800	6047950	<250	10.0	0.0	90.0	1 chert (metavolcanic?); 1 pink carbonate
92HJB2031	14	309150	6046050	<250	49.7	0.0	50.3	several pink carbonates
92HJB2032A	14	307625	6044825	>250	24.2	0.0	75.8	no garnets; 3 pink carb., rest buff; other - very weakly calcareous rock - not Paleozoic
92HJB2032B	14	307625	6044825	<250	13.0	0.0	87.0	very small sample
92HJB2033	13	686050	6059375	>250	0.0	0.0	100.0	
92HJB2034	13	684000	6058150	<250	0.0	0.0	100.0	numerous platy clasts Mn stain

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
92HJB2035	13	686500	6063350	<250	0.0	0.0	100.0	occasional gametiferous gneiss; numerous metasediments
92HJB2036A	13	691200	6064900	>250	0.0	0.0	100.0	occasional gametiferous gneiss
92HJB2036B	13	691200	6064900	<250	0.0	0.0	100.0	occasional garnets - mafic plutonic
92HJB2036C	13	691200	6064900	>250	0.0	0.0	100.0	occasional garnets - mafic plutonic; angular clasts
92HJB2037A	14	310715	6056350	<250	0.0	0.0	100.0	rare garnets - felsic plutonic; numerous metasediments
92HJB2037B	14	310715	6056350	<250	6.3	0.0	93.7	occasional gametiferous gneisses
92HJB2038A	14	310280	6055230	>250	0.0	0.0	100.0	occasional gametiferous gneisses
92HJB2038B	14	310280	6055230	<250	1.6	0.0	98.4	very small sample
92HJB2039	14	308570	6054825	<250	0.0	0.0	100.0	Other: 1 non-calcareous sandstone
92HJB2040	13	687800	6052500	<250	0.0	0.0	100.0	very small sample
92HJB2041	13	686400	6050720	>250	0.0	0.0	100.0	
92HJB2042A	13	684490	6066000	<250	0.0	0.0	100.0	several gametiferous; sub-angular to sub-rounded
92HJB2042B	13	684490	6066000	>250	0.0	0.0	100.0	tabular clasts; predominantly metasediments - Missi arkoses
92HJB2043	13	681475	6067195	<250	0.0	0.0	100.0	predominantly gabbros; metasediments - Missi Group
92HJB2044	13	679400	6070775	>250	0.0	0.0	100.0	very large sample; predominantly metasediments - origin unknown
92HJB2045	13	677805	6070455	<250	0.0	0.0	100.0	occastional garnets; sub-angular to sub-rounded
92HJB2046	13	679100	6068525	>250	0.0	0.0	100.0	frequent tabular clasts; higher grade metamorphism; sub-rounded to rounded clasts
92HJB2047	13	677625	6067105	>250	0.0	0.0	100.0	numerous metasediments; rare garnets
92HJB2048	13	676050	6067860	<250	0.0	0.0	100.0	rare gametiferous gneisses
92HJB2049A	13	676560	6065775	<250	0.0	0.0	100.0	small sample (<150); numerous exotics including calc-silicates; rusty clasts
92HJB2049B	13	676560	6065775	<250	0.0	0.0	100.0	rusty clasts; angular; schists - numerous calc-silicates; similar to 2049A
92HJB2050	13	674395	6067025	<250	0.0	0.0	100.0	small sample
92HJB2051A	13	676400	6064050	>250	0.0	0.0	100.0	
92HJB2051B	13	676400	6064050	<250	0.0	0.0	100.0	
92HJB2052	13	674900	6063945	>250	0.0	0.0	100.0	num. tabular clasts; freq. gametif. gneiss and higher metam. rocks; schists may be mafic plut.
92HJB2053	13	673625	6062475	<250	0.0	0.0	100.0	angular to sub-angular
92HJB2054	13	675500	6061475	<250	0.0	0.0	100.0	very small sample; angular; sulphides; rare gametiferous; abundant metasediments
92HJB2055	13	672330	6061150	<250	0.0	0.0	100.0	
92HJB2056	13	672265	6055000	<250	0.0	0.0	100.0	occasional garnets
92HJB2057	13	672060	6058275	>250	0.0	0.0	100.0	occasional garnets
92HJB2058	13	674155	6059630	>250	0.0	0.0	100.0	Other = 1 noncalcareous Paleozoic?
92HJB2059	13	674680	6057075	<250	0.0	0.0	100.0	very small sample
92HJB2060	13	679150	6056530	<250	0.0	0.0	100.0	
92HJB2061	13	676475	6056630	<250	0.0	0.0	100.0	angular - sub-angular
92HJB2062	13	677535	6058835	<250	0.0	0.0	100.0	numerous platy clasts; sub-angular to sub-rounded
92HJB2063A	13	677900	6060885	<250	0.0	0.0	100.0	rare garnet
92HJB2063B	13	677900	6060885	<250	0.0	0.0	100.0	occasional garnets
92HJB2064	13	680565	6058435	<250	0.0	0.0	100.0	4 gametiferous mafic intrusive; 2 rusty mafic intrusives; other = paleozoic noncalcareous?
92HJB2065	13	682540	6059450	<250	0.0	0.0	100.0	3 garnet; Fe stain on "other"
92HJB2066	13	690850	6055950	<250	6.0	0.2	93.8	sandstone with calcareous matrix, several black carbonates; Other = calcareous metased.
92HJB2067A	13	689530	6053650	<250	0.0	0.0	100.0	several rusty clasts; several gametiferous intrusives
92HJB2067B	13	689530	6053650	<250	0.0	0.0	100.0	small sample
92HJB2068A	13	690225	6051700	>250	0.0	0.0	100.0	clasts very angular; calc-silicates with metallic minerals; scapolite with magnetite?
92HJB2068B	13	690225	6051700	<250	0.0	0.0	100.0	1 calc-silicate; 2 scapolite with magnetite?
92HJB2069A	13	689450	6061525	<250	0.0	0.0	100.0	sub-angular to sub-rounded clast
92HJB2069B	13	689450	6061525	<250	0.0	0.0	100.0	angular clasts
92HJB2070	13	689135	6061985	<250	0.0	0.0	100.0	occasional gametiferous gneiss
92HJB2071	13	689150	6062025		0.0	0.0	100.0	
92HJB2072	14	313420	6068250		0.0	0.0	100.0	
92HJB2073	14	314725	6065300		0.0	0.0	100.0	
92HJB2074	14	315725	6068275		0.0	0.0	100.0	
92HJB2075	14	313080	6063260		0.0	0.0	100.0	
92HJB2076	13	690900	6060375		0.0	0.0	100.0	
92HJB2077	14	308420	6058515		0.0	0.0	100.0	
92HJB2078	14	311940	6097975		0.0	0.0	100.0	
92JC0001	13	633000	6119250	300	0.1	0.0	99.9	
92JC0003	13	641315	6122775	300	0.0	0.0	100.0	
92JC0005	13	633500	6116400	300	0.0	0.0	100.0	
92JC0007	13	634600	6114150	300	0.0	0.0	100.0	
92JC0009	13	636475	6111535	300	0.0	0.0	100.0	
92JC0011	13	637225	6108340	300	0.0	0.0	100.0	
92JC0013	13	637180	6102325	300	0.0	0.0	100.0	
92JC0017	13	641100	6099360	300	0.0	0.0	100.0	
92JC0018	13	641100	6099360	300	0.0	0.0	100.0	
92JC0020	13	642475	6097775	300	0.0	0.0	100.0	
92JC0022	13	644500	6093260	300	0.0	0.0	100.0	
92JC0024	13	645225	6091670	300	0.0	0.0	100.0	
92JC0026	13	645000	6088560	300	0.0	0.0	100.0	
92JC0027	13	645000	6088560	300	0.2	0.0	99.8	
92JC0029	13	643640	6085640	300	0.0	0.0	100.0	
92JC0031	13	642410	6080025	300	0.0	0.0	100.0	
92JC0033	13	640525	6076265	300	0.0	0.0	100.0	
92JC0035	13	639800	6090130	300	0.0	0.0	100.0	
92JC0037	13	634500	6069150	300	0.0	0.0	100.0	
92JC0039	13	639175	6075730	300	0.0	0.0	100.0	
92JC0041	13	630610	6066175	300	0.0	0.0	100.0	
92JC0043	13	637850	6061125	300	0.0	0.0	100.0	
92JC0045	13	634020	6064020	300	0.0	0.0	100.0	

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
92JC0047	13	643865	6078050	300	0.0	0.0	100.0	
92JC0049	13	646760	6077800	300	0.0	0.0	100.0	
92JC0051	13	655720	6079510	300	0.0	0.0	100.0	
92JC0052	13	655720	6079510	300	0.0	0.0	100.0	
92JC0054	13	659375	6080830	300	0.0	0.0	100.0	
92JC0056	13	658840	6082330	300	0.0	0.0	100.0	
92JC0058	13	653425	6079760	300	0.0	0.0	100.0	
92JC0060	13	651450	6077080	300	0.0	0.0	100.0	
92JC0062	13	632175	6117650	300	0.0	0.0	100.0	
92JC0064	13	639750	6120375	300	0.0	0.0	100.0	
92JC0066	13	642765	6082160	300	0.0	0.0	100.0	
92JC0068	13	648775	6076600	300	0.0	0.0	100.0	
92JC0069	13	688865	6042365	300	14.7	0.3	85.0	
92JC0071	13	687500	6040320	300	0.2	0.0	99.8	
92JC0073	13	684425	6035900	300	0.0	0.0	100.0	
92JC0075	13	685460	6038825	300	28.0	0.3	71.7	
92JC0077	13	686150	6041600	300	0.0	0.0	100.0	
92JC0078	13	686150	6041600	300	0.0	0.0	100.0	
92MOB0001	14	449581	6050986	300	82.7	0.0	17.3	
92MOB0005	14	488968	5989096	300	99.7	0.0	0.3	
92MOB0008	14	487175	5983781	300	73.3	0.0	26.7	
92MOB0012	14	517497	6080021	300	0.0	0.0	100.0	
92MOB0019	14	496578	6059712	300	0.0	0.0	100.0	
92MOB0023	14	493686	6056135	153	100.0	0.0	0.0	
92MOB0024	14	493549	6055649	300	36.7	0.0	63.3	
92MOB0027	14	493219	6055850	300	5.0	0.0	95.0	
92MOB0029	14	452837	6045904	300	93.0	0.7	6.3	
92MOB0032	14	448548	6035727	300	72.4	0.3	27.3	
92MOB0035	14	445619	6034922	300	73.0	0.0	27.0	
92MOB0038	14	446685	6035147	300	80.3	0.0	19.7	
92MOB0039	14	447492	6035510	300	80.6	0.0	19.4	
92MOB0042	14	450709	6037941	300	81.0	0.0	19.0	
92MOB0045	14	450629	6039708	300	67.3	0.7	32.0	
92MOB0048	14	450100	6045550	300	81.7	0.0	18.3	
92MOB0053	14	449968	6059640	300	0.0	0.0	100.0	
92MOB0057	14	445872	6060150	300	0.0	0.0	100.0	
92MOB0060	14	445073	6061536	300	0.0	0.0	100.0	
92MOB0063	14	444010	6063119	300	0.0	0.0	100.0	
92MOB0067	14	450027	6047298	300	86.0	0.0	14.0	
92MOB0070	14	443205	6055708	300	0.3	0.0	99.7	
92MOB0073	14	436653	6054329	300	4.7	0.0	95.3	
92MOB0076	14	435300	6054050	300	12.0	1.0	87.0	
92MOB0079	14	427408	6053204	300	0.0	0.7	99.3	
92MOB0082	14	427112	6053360	300	1.6	3.7	94.7	
92MOB0085	14	424796	6052367	300	53.0	0.0	47.0	
92MOB0088	14	424732	6051983	300	15.0	1.0	84.0	
92MOB0089	14	424732	6051983	300	26.0	1.0	73.0	
92MOB0090	14	424098	6051745	300	9.0	2.0	89.0	
92MOB0093	14	423569	6051703	300	1.3	0.0	98.7	
92MOB0096	14	423032	6051296	300	29.0	0.0	71.0	
92MOB0097	14	422294	6051508	300	16.7	1.3	82.0	
92MOB0100	14	422047	6051565	300	40.4	1.3	58.3	
92MOB0101	14	421700	6051750	300	43.3	0.0	56.7	
92MOB0104	14	418160	6052359	300	85.7	1.3	13.0	
92MOB0105	14	418023	6051261	300	94.0	1.7	4.3	
92MOB0108	14	416947	6050847	300	91.3	0.0	8.7	
92MOB0111	14	416002	6049524	300	80.4	0.3	19.3	
92MOB0114	14	416005	6050232	300	83.3	0.0	16.7	
92MOB0117	14	414429	6049579	300	0.0	0.0	100.0	
92MOB0120	14	413736	6048893	300	56.0	0.0	44.0	
92MOB0121	14	469913	5986124	300	31.0	0.0	69.0	
92MOB0124	14	473613	5983765	300	86.7	0.0	13.3	
92MOB0127	14	473613	5983765	236	83.5	0.0	16.5	One Omarolluk greywacke, PC clast very fresh
92MOB0133	14	479925	5987750	300	84.0	0.0	16.0	
92MOB0136	14	484187	5984311	300	80.7	0.0	19.3	
92MOB0139	14	445097	6001910	300	89.4	0.3	10.3	
92MOB0142	14	443149	6005364	300	83.0	1.0	16.0	
92MOB0145	14	437999	6002027	251	94.8	0.0	5.2	
92MOB0148	14	443035	6011620	300	81.0	0.0	19.0	
92MOB0151	14	460238	6017459	300	83.0	0.0	17.0	
92MOB0154	14	453458	6020735	300	73.4	0.3	26.3	
92MOB0157	14	444994	6020132	300	66.0	0.0	34.0	
92MOB0160	14	436664	6018105	276	73.9	2.9	23.2	2 Omarolluk
92MOB0163	14	441387	6027536	300	60.7	0.6	38.7	
92MOB0166	14	453410	6029461	163	56.5	0.6	42.9	
92MOB0169	14	460195	6031098	300	68.7	1.0	30.3	
92MOB0172	14	480115	6015181	300	88.3	0.0	11.7	
92MOB0175	14	479828	6021839	300	97.7	0.0	2.3	

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
92MOB0179	14	482162	6044295	300	74.0	1.3	24.7	
92MOB0182	14	490062	6063102	300	25.0	0.3	74.7	
92MOB0189	14	480098	6083219	228	0.0	0.0	100.0	Quite weathered
92MOB0192	14	499871	6122001	300	0.0	0.0	100.0	
92MOB0195	14	488359	6113447	300	0.0	0.0	100.0	
92MOB0201	14	445024	6097313	278	0.0	0.0	100.0	
92MOB0204	14	444966	6103186	300	0.0	0.0	100.0	
92MOB0207	14	445149	6111767	300	0.0	0.0	100.0	
92MOB0210	14	445239	6118541	300	0.0	0.0	100.0	
92MOB0213	14	461601	6119604	300	0.0	0.0	100.0	
92MOB0216	14	464245	6112711	300	0.0	0.0	100.0	
92MOB0219	14	464585	6107124	300	0.0	0.0	100.0	
92MOB0222	14	471618	6102102	300	0.7	0.0	99.3	
92MOB0225	14	466963	6096323	300	0.3	0.0	99.7	
92MOB0228	14	457229	6074244	300	0.0	0.0	100.0	
92MOB0231	14	473950	6057628	300	40.0	0.0	60.0	
92MOB0234	14	460605	6055996	300	11.0	1.0	88.0	
92MOB0237	14	456780	6043730	300	63.3	0.0	36.7	
92MOB0240	14	444463	6046879	300	94.0	0.0	6.0	
92MOB0243	14	437296	6044050	300	96.7	0.0	3.3	
92MOB0246	14	447067	6037421	300	96.7	0.0	3.3	
92MOB0249	14	447067	6037421	230	81.8	0.0	18.2	
92MOB0250	14	414384	6049111	300	82.7	1.3	16.0	
92MOB0251	14	414265	6048923	300	74.0	0.0	26.0	
92MOB0252	14	413923	6048725	41	70.7	2.4	26.9	
92MOB0253	14	412243	6047565	300	90.0	0.0	10.0	
92MOB0256	14	407528	6044548	300	96.0	0.0	4.0	
92MOB0260	14	408137	6042729	300	69.3	0.0	30.7	
92MOB0263	14	409407	6043109	300	76.3	0.0	23.7	
92MOB0266	14	406262	6042259	300	60.7	0.0	39.3	
92MOB0269	14	437250	6068800	300	0.0	0.0	100.0	
92MOB0270	14	437600	6066450	300	0.0	0.0	100.0	
92MOB0271	14	437325	6066050	300	36.7	0.0	63.3	
92MOB0272	14	437650	6065850	300	0.7	0.0	99.3	
92MOB0274	14	436850	6066500	300	0.3	0.0	99.7	
92MOB0275	14	436550	6066000	300	0.0	0.0	100.0	
92MOB0276	14	436650	6065625	300	0.0	0.0	100.0	
92MOB0277	14	436825	6065400	300	0.7	0.0	99.3	
92MOB0278	14	436725	6065450	300	0.7	0.0	99.3	
92MOB0279	14	436850	6065050	300	0.0	0.0	100.0	
92MOB0290	14	440050	6097100	300	0.0	0.0	100.0	
92MOB0293	14	440050	6097100	300	0.0	0.0	100.0	
92MOB0294	14	437775	6104100	300	0.0	0.0	100.0	Some quite weathered
92MOB0297	14	439449	6109142	300	0.0	0.0	100.0	
92MOB0300	14	456511	6119192	282	0.0	0.0	100.0	
92MOB0303	14	469484	6114570	300	0.0	0.0	100.0	
92MOB0306	14	467960	6099299	300	0.0	0.0	100.0	Mostly metasediments
92MOB0309	14	458353	6095664	300	0.0	0.0	100.0	Mostly metasediments
92MOB0312	14	437200	6065600	300	0.0	0.0	100.0	
92MOB0314	14	436400	6064450	300	0.0	0.0	100.0	
92MOB0315	14	436800	6064250	300	0.3	0.0	99.7	
92MOB0316	14	436775	6064700	300	0.0	0.0	100.0	
92MOB0317	14	436850	6064800	300	0.0	0.0	100.0	
92MOB0318	14	436800	6065225	300	0.3	0.0	99.7	
92MOB0319	14	436450	6065100	300	0.0	0.0	100.0	
92MOB0321	14	452900	6067950	300	3.7	0.0	96.3	
92MOB0324	14	452900	6067950	300	0.0	0.0	100.0	Mainly mafic volc.
92MOB0326	14	457650	6065725	300	0.0	0.0	100.0	
92MOB0329	14	465650	6063550	300	1.7	0.0	98.3	
92MOB0332	14	466005	6069900	300	0.0	0.0	100.0	
92MOB0335	14	461250	6075250	300	0.0	0.0	100.0	Mainly metasediments
92MOB0339	14	462075	6080250	300	0.0	0.0	100.0	
92MOB0342	14	467970	6086450	300	0.0	0.0	100.0	
92MOB1001	14	437763	6058408	300	2.6	0.0	97.4	
92MOB1004	14	488133	5986132	300	89.0	0.7	10.3	
92MOB1011	14	493196	6056073	195	17.5	1.5	81.0	
92MOB1013	14	452428	6046513	300	75.0	1.0	24.0	
92MOB1016	14	450336	6046454	300	78.0	0.0	22.0	
92MOB1019	14	449871	6047711	300	96.3	0.0	3.7	
92MOB1022	14	449401	6050524	300	98.3	0.0	1.7	
92MOB1025	14	450463	6050864	300	94.0	0.0	6.0	
92MOB1028	14	447536	6052245	300	84.0	0.0	16.0	
92MOB1031	14	443918	6055391	300	3.0	0.3	96.7	
92MOB1034	14	441520	6056933	300	9.0	3.7	87.3	
92MOB1037	14	440586	6060315	300	0.3	0.0	99.7	
92MOB1040	14	433231	6052330	300	41.0	2.7	56.3	
92MOB1045	14	434168	6051494	300	12.7	0.0	87.3	
92MOB1045	14	434168	6051494	300	9.7	2.0	88.3	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
92MOB1049	14	432046	6053177	300	12.0	0.3	87.7	
92MOB1053	14	429743	6053092	300	15.7	3.3	81.0	
92MOB1054	14	421757	6051069	300	10.0	0.0	90.0	
92MOB1057	14	420578	6051908	300	94.0	0.7	5.3	
92MOB1060	14	420100	6051007	300	60.7	0.0	39.3	
92MOB1063	14	418507	6052535	300	94.0	3.7	2.3	
92MOB1065	14	419947	6052417	300	96.3	0.0	3.7	
92MOB1068	14	419301	6051720	300	69.0	0.0	31.0	
92MOB1071	14	412040	6047178	300	57.3	2.0	40.7	
92MOB1074	14	411762	6047204	300	98.0	0.0	2.0	
92MOB1078	14	411245	6046891	300	98.3	0.0	1.7	
92MOB1080	14	410518	6046931	300	69.3	9.0	21.7	
92MOB1085	14	408294	6046973	300	67.3	19.7	13.0	
92MOB1087	14	408877	6047501	300	88.0	3.7	8.3	
92MOB1089	14	407808	6046795	300	97.7	0.3	2.0	
92MOB1094	14	406276	6047037	163	87.1	3.6	9.3	
92MOB1095	14	406276	6047037	300	95.0	2.0	3.0	14% of carbonates are dark pink, 2 rotten SS
92MOB1096	14	407504	6047946	300	2.3	1.0	96.7	
92MOB1099	14	406935	6046806	300	80.7	6.3	13.0	
92MOB1100	14	406276	6047037	300	86.6	4.7	8.7	
92MOB1102	14	405667	6048360	300	20.6	3.7	75.7	
92MOB1105	14	403895	6048603	300	78.6	19.7	1.7	
92MOB1111	14	486237	5999358	300	96.7	0.0	3.3	
92MOB1114	14	468667	6008703	300	96.3	0.0	3.7	
92MOB1120	14	461126	6000668	300	98.0	0.0	2.0	
92MOB1123	14	443601	6063696	300	1.3	0.0	98.7	
92MOB1126	14	441511	6063631	300	0.0	0.0	100.0	
92MOB1129	14	402170	6048956	300	99.3	0.0	0.7	
92MOB1132	14	401189	6049566	300	11.3	0.7	88.0	
92MOB1135	14	400171	6046924	300	91.7	0.3	8.0	
92MOB1138	14	400563	6047832	300	88.0	0.3	11.7	
92MOB1141	14	399635	6049019	300	65.0	0.0	35.0	
92MOB1144	14	398112	6048987	300	0.7	0.3	99.0	
92MOB1147	14	397064	6048741	300	95.0	0.7	4.3	
92MOB1150	14	394992	6047980	300	94.3	0.4	5.3	
92MOB1153	14	396619	6047562	300	87.6	3.7	8.7	
92MOB1156	14	393441	6048912	300	91.4	0.3	8.3	
92MOB1159	14	394420	6048878	300	84.6	0.7	14.7	
92MOB1165	14	454246	6113844	300	0.0	0.0	100.0	
92MOB1168	14	452692	6107468	300	0.0	0.0	100.0	
92MOB1171	14	475694	6109933	300	0.0	0.0	100.0	
92MOB1177	14	472957	6086600	300	0.0	0.0	100.0	
92MOB1183	14	466628	6075287	300	0.0	0.0	100.0	
92MOB1185	14	452797	6055250	300	0.0	0.0	100.0	
92MOB1188	14	444487	6043305	300	86.7	0.0	13.3	
92MOB1191	14	437390	6038430	300	72.0	0.7	27.3	
92MOB1194	14	439712	6063811	300	0.0	0.0	100.0	
92MOB1197	14	392630	6049740	300	96.3	0.0	3.7	
92MOB1200	14	390360	6051099	300	0.0	0.0	100.0	
92MOB1203A	14	389335	6051273	300	0.0	0.0	100.0	Metasediments mostly
92MOB1203C	14	389335	6051273	300	1.3	1.7	97.0	Metasediments mostly
92MOB1244	14	449069	6055501	215	17.7	0.0	82.3	
92MOB1245	14	448917	6055007	300	29.7	0.0	70.3	
93HJB2001	13	669702	6090111	250	0.0	0.0	100.0	Dirty, Silt covered sample. c.g. felsic DOM
93HJB2003	13	669525	6090100	250	0.0	0.0	100.0	Felsic DOM, mostly Biotite - Garnet Gneiss OTHER= mudstones
93HJB2005	13	669452	6091455	250	0.0	0.0	100.0	DOM Kisseynew, Biotite - Garnet Schist and Gneiss OTHER= red m.s.
93HJB2007	13	668175	6092200	250	0.0	0.0	100.0	DOM Kisseynew, Hornblende - Biotite - Garnet Gneiss
93HJB2008	13	668175	6092200	250	0.0	0.0	100.0	DOM Kisseynew, Hornblende - Biotite - Garnet Gneiss
93HJB2010	13	667500	6089750	250	0.0	0.0	100.0	DOM Kisseynew, several Amphibolites?
93HJB2012	13	669260	6096480	250	0.0	0.0	100.0	OTHER= mud/till balls DOM Kisseynew
93HJB2014	13	668000	6097415		0.0	0.0	100.0	
93HJB2016	13	668475	6095160	250	0.0	0.0	100.0	Felsic c.g. Granitic DOM
93HJB2018	13	664400	6093345		0.0	0.0	100.0	
93HJB2020	13	664900	6095115	250	0.0	0.0	100.0	OTHER= Coal? mud/till balls Felsic c.g. Gran. DOM
93HJB2022	13	665085	6094780		0.0	0.0	100.0	
93HJB2024	13	666950	6096415	250	0.0	0.0	100.0	
93HJB2026	13	670250	6090655		0.0	0.0	100.0	
93HJB2028	13	661700	6047345	250	0.0	0.0	100.0	DOM Kisseynew
93HJB2030	13	667760	6095600		0.0	0.0	100.0	
93HJB2032	13	668600	6094050	250	0.0	0.0	100.0	More abundant presence of Hornblende. OTHER= mudballs and unknown
93HJB2034	13	687375	6098250		0.0	0.0	100.0	
93HJB2036	13	686660	6096550	250	0.0	0.0	100.0	OTHER= Highly weathered pebbles
93HJB2038	13	687625	6094470		0.0	0.0	100.0	
93HJB2040	13	687950	6093275	250	0.0	0.0	100.0	Dirty sample, OTHER= till balls
93HJB2042	13	685250	6093410		0.0	0.0	100.0	
93HJB2044	13	686100	6092660	250	0.0	0.0	100.0	MAFIC= Hornblende Gneiss
93HJB2046	13	684425	6092725		0.0	0.0	100.0	
93HJB2048	13	685775	6091650	250	0.0	0.0	100.0	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93HJB2050	13	686200	6095400		0.0	0.0	100.0	
93HJB2052	14	309375	6093440	250	0.0	0.0	100.0	Large Garnets in Kisseynew
93HJB2054	13	688900	6098400		0.0	0.0	100.0	
93HJB2056	13	689775	6095450	250	0.0	0.0	100.0	Presence of shearing/metamorphism in FELSIC
93HJB2058	13	690880	6094260		0.0	0.0	100.0	
93HJB2060	14	309600	6098340	250	0.0	0.0	100.0	Abundant metamorphism/shearing, Transitional zone?
93HJB2062	14	309225	6096875		0.0	0.0	100.0	
93HJB2064	14	310360	6088200	250	0.0	0.0	100.0	OTHER= mud balls
93HJB2066	14	310860	6089700		0.0	0.0	100.0	
93HJB2068	14	312600	6088450	250	0.0	0.0	100.0	Metamorphism/shearing
93HJB2070	14	313675	6089225		0.0	0.0	100.0	
93HJB2072	14	315050	6088850	250	0.0	0.0	100.0	
93HJB2074	14	316500	6070100	250	0.0	0.0	100.0	Greenish FELSIC DOM. 2 Ultamafic
93HJB2076	14	314900	6069350	250	0.0	0.0	100.0	Felsic intrusions in Greenstones
93HJB2078	13	688890	6059300	250	0.0	0.0	100.0	Abundant Shale like Greenstones c.g. K-felspar DOM FELSIC
93HJB2080	13	674300	6086750	250	0.0	0.0	100.0	FELSIC c.g. to m.g. pebbles, OTHER= mud balls
93HJB2082	13	665500	6087300	250	0.0	0.0	100.0	Metamorphism/shearing in m.g. FELSIC OTHER= weathered, rusty pebbles and mud balls
93HJB2084	13	663325	6090375	250	0.0	0.0	100.0	Garnet - Biotite Gneiss and c.g. FELSIC DOM MAFIC DOM Hornblende Gneiss
93HJB2085	13	663325	6090375	250	0.0	0.0	100.0	Garnet - Biotite Gneiss, metamorphism, OTHER= mud/till balls
93HJB2087	13	668850	6085900	250	0.0	0.0	100.0	MAFIC= Hornblende Gneiss
93HJB2090	14	311425	6093325	250	0.0	0.0	100.0	Dirty Sample
93HJB2092	14	313820	6093250	250	0.0	0.0	100.0	FELSIC becoming finer grained, Gneissification
93HJB2094	14	310100	6084050	250	0.0	0.0	100.0	FELSIC Potassic DOM, several small loose grained FELSIC (5 - 10)
93HJB2097	13	684750	6080600	250	0.0	0.0	100.0	Dirty sample, 3 clastic in Greenstones
93HJB2099	13	674850	6075450	250	0.0	0.0	100.0	High metamorphism in certain pebbles, 1 large dark Garnet (with Biotite)
93HJB2101	13	673500	6076380	250	0.0	0.0	100.0	OTHER= mud/till balls, 3 clastic in Greenstones
93HJB2103	14	310940	6080850	250	0.0	0.0	100.0	1 large dark pink Garnet, 2 Ultramafic, Shearing in certain pebbles
93HJB2105	14	311325	6080525	250	0.0	0.0	100.0	OTHER= Coal? 3 leucocratic metasediments in Greenstones
93HJB2107	13	680450	6060380	250	0.0	0.0	100.0	OTHER= rusty pebbles, shale like pebbles with certain shearing
93HJB2109	13	667200	6066275	250	0.0	0.0	100.0	MAFIC= Hornblende with metamorphic minerals
93HJB2111	13	670550	6061900	250	0.0	0.0	100.0	DOM f.g. FELSIC, 5-7 clastics in Greenstones, 1 Ultramafic
93HJB2113	13	667660	6057175	250	0.0	0.0	100.0	GREENSTONE mostly metasediments, 2 Ultramafic
93HJB2115	13	665275	6047800	129	1.4	4.7	93.9	OTHER= angular metamorphics, 6 calcareous sandstones
93HJB2117	14	312300	6061500	250	0.0	0.0	100.0	Metasediments DOM in GREENSTONE, FELSIC transition to finer grain
93HJB2119	14	307535	6059175	250	0.0	0.0	100.0	Clastic and metasediment DOM in GREENSTONE, 2 Ultramafic
93HJB2121	14	309265	6061850	250	0.0	0.0	100.0	Clastic and metasediment DOM in GREENSTONE, 3-5 Ultramafic
93HJB2124	14	312850	6065700	105	0.0	0.0	100.0	Small sample, GREENSTONE DOM clastic/sedimentary
93HJB2126	14	312850	6081520	250	0.0	0.0	100.0	
93HJB2128	13	685180	6082815	250	0.0	0.0	100.0	GREENSTONE DOM clastic/sedimentary, 2 Grauwacke?
93HJB2130	14	313140	6083400	250	0.0	0.0	100.0	FELSIC fine grained, DOM green mineraled pebbles, shearing in certain pebbles
93HJB2132	13	689475	6062050	250	0.0	0.0	100.0	36 Ultramafic, Chromite with Serpentinite. Shearing in GREENSTONE/SCHIST/MAFIC
93HJB3001	13	662155	6051728	250	0.0	0.0	100.0	3 - 5 Ultramafic
93HJB3003	13	663615	6052762	250	0.0	0.0	100.0	Several small Garnets in FELSIC/SCHIST, 1 Ultramafic
93HJB3005	13	665302	6050308	238	0.3	0.0	99.7	GREENSTONE DOM clastic/sedimentary, 3 Ultramafic, 1 calcareous sandstone
93HJB3007	13	670880	6042658	250	0.0	0.0	100.0	Metavolcanics with oxidized minerals
93HJB3009	13	669975	6042325	250	0.0	0.0	100.0	
93HJB3011	13	671680	6050780	250	0.0	0.0	100.0	GREENSTONE DOM clastic/sedimentary, 2 possible Ultramafic
93HJB3013	13	671000	6047850	250	0.0	0.0	100.0	Several shale like pebbles
93HJB3015	13	670560	6049075	250	0.0	0.0	100.0	Metased. and clastic DOM GREENSTONE, 3 Ultramafic, few small Garnets in FELSIC
93HJB3017	13	674220	6050610	250	0.0	0.0	100.0	DOM GREENSTONE, 3 Ultramafic, Chromite in Ultramafic
93HJB3019	13	672065	6052730	250	0.0	0.0	100.0	Acicular Hornblende/Actinolite? in GREENSTONE, 1 porphyry, shearing in certain pebbles
93HJB3021	13	666870	6044510	250	88.6	0.0	11.4	Calcareous Sst. (Winnipeg Fm)
93HJB3023	13	669485	6047550	157	0.0	0.0	100.0	Acicular Hornblende in GREENSTONE
93HJB3025	13	672375	6047630	250	0.0	0.0	100.0	5 Ultramafic, Shearing
93HJB3027	13	675745	6066770	197	0.0	0.0	100.0	DOM greenstones, Shearing and schistosity
93HJB3029	13	687925	6059825	250	4.4	0.0	95.6	Calcareous Sst. in Carbonate, 2 porphyry in FELSIC, 1 Ultramafic, OTHER= till balls
93HJB3030	13	687925	6059825	250	0.0	0.0	100.0	Kisseynew (Garnet - Hornblende) in FELSIC, 3 porphyry with felsic clasts
93HJB3031	13	687925	6059825	250	1.6	0.0	98.4	Several Hmb- Garnet Gneiss, 1 Hmb - green Garnet Gneiss, 2 Carb. from Winnipeg Fm.
93HJB3033	13	681660	6062957	250	0.0	0.0	100.0	Few Kisseynew, Metavolc. and metased. DOM GREENSTONE, 1 Ultramafic
93HJB3035	13	669997	6066623	250	0.0	0.0	100.0	FELSIC DOM f.g. Few Kisseynew
93HJB3037	13	662620	6067920	250	0.0	0.0	100.0	DOM FELSIC (Kisseynew), OTHER= till balls
93HJB3039	13	664771	6065074	250	0.0	0.0	100.0	
93HJB3041	13	667068	6065209	250	0.0	0.0	100.0	FELSIC angular, massive
93HJB3043	13	663929	6044071	250	58.4	0.0	41.6	DOM beige-pink Carb. from Winnipeg Fm.
93HJB3045	13	679930	6064545	250	0.0	0.0	100.0	8 - 9 brown metasediments
93HJB3047	13	673300	6068505	250	0.0	0.0	100.0	Abundant sedimentary and metased. pebbles, OTHER= coal
93HJB3049	13	663753	6059788	250	0.0	0.0	100.0	Kisseynew DOM in FELSIC, Metavolcanic DOM in GREENSTONE, OTHER= till balls
93HJB3051	13	667901	6051776	250	0.0	0.0	100.0	Angular FELSIC with Biotite DOM, OTHER= coal
93HJB3053	13	667652	6046404	250	91.6	0.0	8.4	Carbonated pebbles DOM (winnipeg Fm.)
93HJB3055	14	310890	6051625	250	25.9	0.0	74.1	Angular c.g. FELSIC DOM, Carbonated sand/silt stone
93HJB3057	14	311820	6051785	250	59.1	0.0	40.9	DOM CARB. pebbles, several pink CARB., 1 Ultramafic
93HJB3059	14	314530	6052595	250	51.4	0.0	48.6	2 meta-porphyry (felsic clasts), pink CARB. from Winnipeg Fm., 1 red metasediment
93HJB3061	14	315615	6053575	250	0.0	0.0	100.0	DOM GREENSTONES (mostly metavolc.), 5 Ultramafic
93HJB3062	14	315615	6053575	250	1.4	0.0	98.6	DOM GREENSTONES (metasediment), weathered CARB.
93HJB3066	13	688600	6056590	250	2.3	0.0	97.7	DOM dark f.g. Greenstones, 5 Ultramafic
93HJB4001	13	669625	6087900	250	0.0	0.0	100.0	Biotite - Garnet Schist, 2 Ultramafic
93HJB4003	13	670850	6089275		0.0	0.0	100.0	
93HJB4005	13	671000	6090775	250	0.0	0.0	100.0	DOM Kisseynew f.g. Garnet - Hornblende Gneiss

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Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93HJB4007	13	671475	6095950		0.0	0.0	100.0	
93HJB4009	13	672975	6097400	250	0.0	0.0	100.0	
93HJB4011	13	673925	6097750		0.0	0.0	100.0	
93HJB4013	13	671000	6091775	250	0.0	0.0	100.0	MAFIC= Hornblende Gneiss, OTHER= till balls
93HJB4015	13	669725	6093550		0.0	0.0	100.0	
93HJB4017	13	668625	6092775	250	0.0	0.0	100.0	DOM Kisseynew with small Garnets
93HJB4019	13	668250	6091000		0.0	0.0	100.0	
93HJB4021	13	670825	6093550	250	0.0	0.0	100.0	DOM f.g. Kisseynew (Garnet - Hornblende Gneiss)
93HJB4023	13	683125	6095400		0.0	0.0	100.0	
93HJB4025	13	682750	6094400	250	0.0	0.0	100.0	OTHER= unknown, FELSIC= c.g., angular almost mono-mineral pebbles
93HJB4027	13	682525	6093175		0.0	0.0	100.0	
93HJB4029	13	681750	6092050	250	0.0	0.0	100.0	DOM FELSIC with f.g. Hornblende - Garnet Gneiss and c.g. angular pebbles
93HJB4031	13	684975	6095375	110	0.0	0.0	100.0	Small sample, MAFIC= Hornblende Gneiss
93HJB4033	13	684050	6096650	250	0.0	0.0	100.0	
93HJB4035	13	683125	6094000	93	0.0	0.0	100.0	Small sample, OTHER= mud/till balls, SCHIST= 3 red metased/clastic.
93HJB4037	13	683125	6094000	250	0.0	0.0	100.0	Several Hornblende Gneiss, 20 Ultramafic
93HJB4039	13	682875	6092100	250	0.0	0.0	100.0	Mafic= Hornblende Gneiss, slight shearing present
93HJB4041	13	692150	6089600	250	0.0	0.0	100.0	Mafic= Hornblende Gneiss, 1 brown clastic in Greenstone, Epidote? in Greenstone
93HJB4043	13	691750	6090650	250	0.0	0.0	100.0	
93HJB4045	13	691650	6090625	250	0.0	0.0	100.0	Silt covered sample
93HJB4047	14	309225	6094900		0.0	0.0	100.0	
93HJB4049	14	308200	6095700	250	0.0	0.0	100.0	Mafic= Hornblende Gneiss, FELSIC DOM: f.g. (Kisseynew) and c.g. (granitic)
93HJB4051	13	691450	6094075		0.0	0.0	100.0	
93HJB4053	14	308275	6093300	250	0.0	0.0	100.0	Several large garnets present, moderate shearing
93HJB4055	14	311800	6087350		0.0	0.0	100.0	
93HJB4057	14	312075	6086075	250	0.0	0.0	100.0	DOM c.g. Felsic Granitic
93HJB4059	14	313400	6086050		0.0	0.0	100.0	
93HJB4061	14	312225	6087350	250	0.0	0.0	100.0	Several large dark red Garnets (2mm+), pronounced shearing/metamorphism
93HJB4063	14	314800	6086600		0.0	0.0	100.0	
93HJB4065	13	692450	6065725	250	0.0	0.0	100.0	MAFIC= Hornblende Gneiss
93HJB4067	14	308850	6068325	250	0.0	0.0	100.0	Silt covered sample, metased. DOM Greenstone
93HJB4069	13	692900	6058925	250	0.0	0.0	100.0	
93HJB4071	13	691850	6059950	250	0.0	0.0	100.0	Dark (greenish black) volcanic?/granitic? pebbles
93HJB4073	14	312100	6068500	195	0.0	0.0	100.0	Metavolc-metased. DOM Greenstone, Certain Pyroclastics, 1 Ultramafic
93HJB4075	14	314950	6064100	250	0.0	0.0	100.0	Pyroclastics?, Syenite (granite) type pebble DOM FELSIC
93HJB4077	14	315700	6066975	250	0.0	0.0	100.0	FELSIC weathered, DOM volcanic and sedimentary pebbles
93HJB4079	14	311400	6097410	250	0.0	0.0	100.0	FELSIC DOM f.g. Kisseynew (Garnet- Hornblende)
93HJB4081	14	309550	6091700	150	0.0	0.0	100.0	
93HJB4083	13	688000	6076350	250	0.0	0.0	100.0	Variation in Kisseynew Facies within FELSIC
93HJB4085	13	681325	6076700	250	0.0	0.0	100.0	DOM GREENSTONE with evident metamorphism
93HJB4087	13	677775	6077000	250	0.0	0.0	100.0	
93HJB4089	13	668525	6077510	250	0.0	0.0	100.0	FELSIC DOM Hornblende-Garnet f.g. Kisseynew Gneiss
93HJB4091	13	687723	6052595	250	0.0	0.0	100.0	c.g. Granitic DOM, 10 Ultramafic, shale like pebbles in Greenstone
93HJB4092	13	687723	6052595	250	0.0	0.0	100.0	c.g. FELSIC DOM, 5 Ultramafic
93HJB4094	13	686022	6050386	250	0.0	0.0	100.0	DOM metased. Greenstone
93HJB4096	13	686703	6052604	250	0.0	0.0	100.0	OTHER= till balls, 2 Ultramafic
93HJB4097	13	686703	6052604	250	0.0	0.0	100.0	Amisk Group DOM, FELSIC c.g., 1 Serpentinite
93HJB4098	13	686703	6052604	250	0.0	0.0	100.0	
93HJB4100	13	687634	6048225	250	5.0	0.0	95.0	Carbonate sandstone, 5-7 Ultramafic
93HJB4102	13	692600	6071350	250	0.0	0.0	100.0	Several weathered stones in GREENSTONE
93HJB4104	13	694075	6070700	250	0.0	0.0	100.0	Dirty sample, DOM f.g. Kisseynew and Felsic
93HJB4106	13	676625	6080850	250	0.0	0.0	100.0	c.g. angular Felsic pebbles DOM, shearing in metased.
93HJB4108	13	684350	6088650	250	0.0	0.0	100.0	Several large Garnets in FELSIC
93HJB4110	13	684875	6086800	250	0.0	0.0	100.0	MAFIC= Hornblende Gneiss, several dark red garnets, c.g. Felsic DOM
93HJB4112	14	310400	6077725	250	0.0	0.0	100.0	Silt covered sample, several large Garnets
93HJB4114	13	666167	6071924	250	0.0	0.0	100.0	Silt covered sample, 2 Ultramafic
93HJB4116	13	668473	6071873	250	0.0	0.0	100.0	
93HJB4118	13	665165	6673803	250	0.0	0.0	100.0	Dark pink Garnet, c.g. Felsic DOM
93HJB4120	13	662532	6072998	250	0.0	0.0	100.0	c.g. Felsic DOM
93HJB4122	13	672872	6078513	250	0.0	0.0	100.0	Abundant Hornblende in entire sample
93HJB4124	13	680746	6095448	250	0.0	0.0	100.0	OTHER= till/mud balls
93HJB4126	13	678031	6097936	250	0.0	0.0	100.0	Hornblende- Garnet Gneiss DOM FELSIC
93HJB4128	13	678292	6096341	250	0.0	0.0	100.0	f.g. Kisseynew DOM FELSIC, 3 dark black shale like pebbles in GREENSTONE
93HJB4131	13	675783	6097475	250	0.0	0.0	100.0	OTHER= 2 till balls and coal, abundant Hornblende
93HJB4133	13	673925	6092250	223	0.0	0.0	100.0	
93HJB4135	13	689200	6066900	250	0.0	0.0	100.0	Other= Unknown, 3 Ultramafic, shearing and metamorphism
93JC0001	13	638966	6082010	300	0.0	0.0	100.0	
93JC0003	13	636744	6079511	300	0.0	0.0	100.0	
93JC0005	13	638205	6079537	300	0.0	0.0	100.0	
93JC0007	13	644960	6068731	300	0.0	0.0	100.0	
93JC0009	13	645225	6070326	260	0.0	0.0	100.0	
93JC0011	13	646400	6072701	300	0.0	0.0	100.0	
93JC0013	13	646400	6072701	300	0.0	0.0	100.0	
93JC0014	13	647000	6074440	300	0.0	0.0	100.0	
93JC0016	13	652900	6063800	300	0.0	0.0	100.0	
93JC0018	13	652450	6066591	300	0.0	0.0	100.0	
93JC0019	13	652090	6069970	300	0.0	0.0	100.0	
93JC0021	13	652950	6072090	208	0.0	0.0	100.0	

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Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93JC0023	13	655150	6075230	300	0.0	0.0	100.0	
93JC0024	13	655150	6075230	300	0.0	0.0	100.0	
93JC0026	13	655000	6075330	300	0.0	0.0	100.0	
93JC0028	13	637945	6066401	300	0.0	0.0	100.0	
93JC0030	13	640950	6060185	300	0.0	0.0	100.0	
93JC0032	13	641250	6068203	300	0.0	0.0	100.0	
93JC0036	13	639800	6090130	300	0.0	0.0	100.0	
93JC0038	13	643550	6062050	300	0.0	0.0	100.0	
93JC0040	13	641860	6058265	300	0.0	0.0	100.0	
93JC0042	13	659820	6094300	300	0.0	0.0	100.0	
93JC0044	13	658550	6091550	300	0.0	0.0	100.0	
93JC0046	13	658500	6087660	300	0.0	0.0	100.0	
93JC0048	13	659845	6085700	265	0.0	0.0	100.0	
93JC0049	13	659845	6085700	300	0.0	0.0	100.0	
93JC0051	13	672880	6039812	300	0.0	0.0	100.0	
93JC0053	13	675275	6041600	300	0.0	0.0	100.0	
93JC0055	13	675225	6036880	210	26.2	0.5	73.3	
93JC0056	13	675225	6036880	240	6.3	0.0	93.8	
93JC0057	13	675225	6036880	270	16.3	0.7	83.0	
93JC0059	13	677615	6038335	300	0.0	0.0	100.0	
93JC0061	13	681985	6041348	300	15.7	0.0	84.3	
93JC0063	13	679770	6034840	300	35.3	0.7	64.0	
93JC0065	13	681560	6038525	300	16.0	1.0	83.0	
93JC0067	13	693340	6036480	300	59.3	0.0	40.7	
93JC0069	13	691095	6037435	300	65.3	4.7	30.0	
93JC0071	13	690555	6041228	300	26.3	1.0	72.7	
93JC0073	13	693720	6042430	300	57.7	1.6	40.7	
93JC0075	14	308160	6042520	300	56.0	0.7	43.3	
93JC0077	13	689644	6032454	300	51.3	1.0	47.7	
93JC0079	13	688161	6035980	260	68.1	1.1	30.8	
93MOB0001	14	432993	5983988	178	94.4	0.0	5.6	
93MOB0002	14	432993	5983988	300	91.7	0.3	8.0	
93MOB0003	14	438370	5989760	89	94.4	0.0	5.6	
93MOB0004	14	442543	5997379	300	92.3	0.4	7.3	
93MOB0006	14	458927	5996929	300	95.7	0.0	4.3	Few orange-brown carbonates (oxydized)
93MOB0008	14	452792	5995076	300	90.7	1.0	8.3	Four carbonates oxydized.
93MOB0011	14	450386	6007798	300	90.0	0.7	9.3	
93MOB0016	14	396119	6010305	300	79.3	0.0	20.7	Most of the carbonates are pink
93MOB0017	14	396119	6010305	300	88.7	0.0	11.3	Most of the carbonates are pink
93MOB0021	14	392250	6003887	300	90.0	0.0	10.0	
93MOB0023	14	350273	5989115	300	93.0	1.0	6.0	Sandstones look different (a white, a yellow and a brown)
93MOB0026	14	349429	5992307	300	95.7	0.0	4.3	One dolomite very oxydized
93MOB0028	14	347659	5997180	300	86.0	0.0	14.0	
93MOB0031	14	383791	5994607	300	90.0	0.3	9.7	Six paleozoic chert
93MOB0033	14	346832	5999678	300	99.3	0.0	0.7	
93MOB0034	14	346832	5999678	300	0.0	0.0	100.0	
93MOB0035	14	339073	5998634	300	95.7	0.0	4.3	Carbonates are yellowish brownish
93MOB0037	14	350090	6002408	300	99.3	0.0	0.7	Some dolomites are weathered
93MOB0039	14	349715	5997955	300	92.7	0.0	7.3	
93MOB0041	14	352172	5999730	300	90.3	0.0	9.7	
93MOB0043	14	351677	6001231	300	91.0	0.7	8.3	
93MOB0045	14	353564	6010831	300	82.7	0.0	17.3	Three paleozoic chert
93MOB0047	14	351228	6011785	300	80.0	0.0	20.0	
93MOB0049	14	346775	6012468	300	68.0	0.0	32.0	
93MOB0051	14	343494	6010711	300	0.0	0.0	100.0	
93MOB0052	14	345944	6003674	300	96.7	0.0	3.3	
93MOB0054	14	337971	6007921	300	87.3	0.7	12.0	
93MOB0056	14	345525	6011531	231	71.9	0.9	27.2	
93MOB0059	14	345154	6011492	300	15.3	0.0	84.7	
93MOB0065	14	353564	6010831	300	84.3	0.0	15.7	Three dolomites very white, ten orange w black spots
93MOB0066	14	353564	6010831	300	79.0	1.0	20.0	One dolomite very oxydized
93MOB0067	14	353564	6010831	300	80.0	0.0	20.0	One paleozoic chert
93MOB0068	14	355418	6015172	200	83.5	1.0	15.5	
93MOB0070	14	360400	6018029	300	73.0	1.0	26.0	
93MOB0077	14	348975	6014506	300	79.3	0.0	20.7	Four paleozoic chert
93MOB0079	14	345167	6016156	300	66.7	0.0	33.3	
93MOB0081	14	343675	6018568	306	41.5	0.3	58.2	
93MOB0083	14	340216	6020885	227	40.5	0.9	58.6	
93MOB0085	14	337740	6015299	300	86.3	0.0	13.7	
93MOB0087	14	336625	6019200	300	39.3	1.0	59.7	
93MOB0089	14	332250	6014800	300	73.7	0.3	26.0	
93MOB0091	14	325600	6007000	300	86.7	0.3	13.0	
93MOB0095	14	329850	6015925	309	69.6	1.0	29.4	Five carbonates are oxydized
93MOB0097	14	326300	6017125	300	91.0	0.3	8.7	
93MOB0099	14	323025	6016300	300	93.3	0.0	6.7	
93MOB0101	14	320350	6011775	300	99.0	0.0	1.0	
93MOB0103	14	324500	5956250	300	89.7	0.3	10.0	
93MOB0104	14	422514	5990266	300	91.7	0.0	8.3	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93MOB0106	14	432235	6003552	304	85.2	0.0	14.8	
93MOB0108	14	425935	6008204	299	89.3	0.0	10.7	
93MOB0110	14	417700	6004128	300	87.3	1.3	11.4	
93MOB0112	14	410823	6008534	305	90.5	0.3	9.2	
93MOB0114	14	420329	6012190	300	86.3	0.0	13.7	
93MOB0116	14	424981	6019970	291	75.9	0.7	23.4	
93MOB0118	14	400204	6015621	304	73.0	0.7	26.3	
93MOB0122	14	408017	6017403	300	83.3	1.0	15.7	A lot of pink carbonates and one very oxydized
93MOB0124	14	422328	6028546	300	70.0	0.3	29.7	Pink carbonates
93MOB0126	14	433355	6040607	300	73.0	0.7	26.3	
93MOB0128	14	420837	6044984	300	17.7	0.0	82.3	
93MOB0130	14	414432	6035019	300	66.0	0.3	33.7	
93MOB0132	14	414432	6035019	301	73.4	0.3	26.3	
93MOB0133	14	343199	6020885	300	59.0	0.7	40.3	
93MOB0135	14	343834	6022027	300	0.7	0.0	99.3	
93MOB0137	14	344899	6025552	302	31.8	1.0	67.2	
93MOB0139	14	345886	6030351	298	11.7	0.3	88.0	
93MOB0141	14	351284	6033325	300	45.3	1.7	53.0	
93MOB0142	14	351284	6033325	300	91.3	0.0	8.7	Six paleozoic chert
93MOB0143	14	328300	6036800	300	56.7	1.0	42.3	
93MOB0145	14	336000	6039250	300	39.3	7.0	53.7	Yellowish carbonates
93MOB0147	14	340166	6043064	300	7.3	12.4	80.3	Carbonates are very weathered
93MOB0149	14	342439	6039720	298	9.1	2.3	88.6	
93MOB0151	14	342439	6039720	300	24.7	3.3	72.0	
93MOB0152	14	364591	6046852	300	44.0	2.3	53.7	
93MOB0154	14	367003	6049815	300	0.0	0.0	100.0	
93MOB0155	14	363058	6051702	300	0.0	0.0	100.0	
93MOB0157	14	359629	6052761	300	0.0	0.0	100.0	
93MOB0159	14	332500	6009700	300	74.7	0.7	24.6	
93MOB0162	14	334650	6008375	300	73.7	0.3	26.0	
93MOB0164	14	317275	6041425	300	5.3	0.0	94.7	
93MOB0166	14	321650	6036875	300	2.7	0.0	97.3	
93MOB0168	14	321650	6036875	300	0.0	0.0	100.0	
93MOB0169	14	326150	6038350	300	0.0	0.0	100.0	
93MOB0171	14	326150	6038350	300	0.0	0.0	100.0	
93MOB0172	14	329125	6039825	300	8.7	0.0	91.3	
93MOB0174	14	329125	6039825	300	0.0	0.0	100.0	
93MOB0175	14	329125	6039825	300	0.0	0.0	100.0	
93MOB0176	14	333950	6041950	300	6.3	0.0	93.7	
93MOB0178	14	359650	6003680	300	97.0	0.3	2.7	
93MOB0183	14	312750	6000000	300	98.3	0.0	1.7	
93MOB0185	14	317250	5999750	300	93.0	0.0	7.0	
93MOB0187	14	337900	6044770	300	17.3	4.4	78.3	
93MOB0189	14	341041	6046092	300	3.3	6.7	90.0	
93MOB0191	14	345607	6048055	300	7.7	12.0	80.3	
93MOB0193	14	346364	6044034	300	16.0	1.0	83.0	
93MOB0198	14	346364	6044034	300	21.0	1.3	77.7	
93MOB0202	14	346364	6044034	300	18.7	2.3	79.0	
93MOB0206	14	345801	6037727	300	41.3	1.0	57.7	
93MOB0208	14	348028	6050695	300	0.0	0.0	100.0	
93MOB0210	14	345515	6050997	300	0.0	0.0	100.0	
93MOB0214	14	431487	6033336	300	85.7	0.0	14.3	
93MOB0218	14	420216	6048319	300	86.7	2.0	11.3	
93MOB0220	14	409950	6040600	300	47.0	1.3	51.7	
93MOB0222	14	417241	6020531	290	72.1	0.3	27.6	
93MOB0224	14	413632	6015077	300	92.7	0.0	7.3	Most of the dolomites are dark pink
93MOB0226	14	403022	6010425	300	93.7	0.0	6.3	
93MOB0228	14	383977	6018524	300	94.0	0.0	6.0	
93MOB0230	14	380844	6027465	300	78.3	0.0	21.7	
93MOB0231	14	391605	6044611	300	55.3	0.4	44.3	
93MOB0233	14	383180	6047121	300	89.3	0.4	10.3	The dolomites are yellowish and weathered
93MOB0235	14	375463	6046365	300	84.3	0.0	15.7	Some dolomites are weathered
93MOB0237	14	394309	6025265	300	82.0	0.0	18.0	
93MOB0239	14	401278	6035643	300	62.7	0.6	36.7	
93MOB0241	14	399519	6040423	300	67.7	0.0	32.3	
93MOB0243	14	393750	6037063	300	66.7	1.0	32.3	
93MOB0245	14	388124	6033688	270	77.0	0.0	23.0	
93MOB0247	14	378984	6022046	300	34.0	0.0	66.0	
93MOB0249	14	368447	6027346	151	82.8	0.0	17.2	
93MOB0251	14	368558	6031608	300	77.0	0.0	23.0	
93MOB0253	14	366449	6035161	300	91.3	0.0	8.7	
93MOB0255	14	360721	6029788	300	82.3	0.0	17.7	
93MOB0257	14	355281	6031697	300	43.0	1.7	55.3	
93MOB0259	14	356424	6049639	300	1.3	0.7	98.0	
93MOB0261	14	368035	6059110	300	0.0	0.0	100.0	
93MOB0263	14	368154	6055975	300	0.0	0.0	100.0	
93MOB0265	14	385188	6050824	300	0.0	0.0	100.0	
93MOB1001	14	466768	5983546	303	89.3	0.0	10.7	

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93MOB1004	14	463849	5989061	300	89.7	0.0	10.3	
93MOB1005	14	422514	5990266	300	91.7	0.0	8.3	
93MOB1007	14	430725	5993414	300	92.7	0.0	7.3	Two dolomites very weathered
93MOB1009	14	433389	5990911	306	96.7	0.0	3.3	Very white dolomite
93MOB1011	14	387594	5998382	300	86.3	1.0	12.7	The carbonates are weathered
93MOB1013	14	387576	5994777	300	62.7	0.0	37.3	
93MOB1015	14	383034	5992036	300	95.7	0.0	4.3	
93MOB1017	14	382780	5991765	300	96.3	0.0	3.7	
93MOB1019	14	381705	5990377	300	93.3	0.0	6.7	
93MOB1021	14	376739	5990126	300	96.7	0.0	3.3	
93MOB1025	14	357977	5997269	300	91.7	0.0	8.3	
93MOB1027	14	361841	5997849	300	96.3	0.4	3.3	The sandstone is black and weathered
93MOB1029	14	346106	6011208	300	69.3	0.0	30.7	
93MOB1034	14	372835	5989725	300	96.7	0.6	2.7	
93MOB1035	14	373188	5996324	300	97.3	0.0	2.7	
93MOB1037	14	372835	5993521	52	92.3	0.0	7.7	
93MOB1038	14	376826	6003505	300	88.7	0.0	11.3	
93MOB1040	14	374455	6008735	300	84.3	0.0	15.7	Two paleozoic chert
93MOB1044	14	364477	6011360	300	84.3	4.7	11.0	
93MOB1046	14	368788	6014733	300	92.0	0.0	8.0	
93MOB1048	14	371208	6017636	300	81.0	0.0	19.0	
93MOB1049	14	373389	6021737	301	76.0	0.0	24.0	
93MOB1051	14	371539	6024037	302	84.7	0.3	15.0	
93MOB1052	14	417533	5984711	300	91.3	0.0	8.7	Two dolomites oxydized
93MOB1054	14	336500	6001025	300	86.0	0.0	14.0	
93MOB1056	14	331175	6002025	300	83.0	1.0	16.0	
93MOB1058	14	329525	6007000	302	88.7	0.6	10.7	
93MOB1060	14	330475	6011100	300	83.3	0.4	16.3	
93MOB1062	14	312850	6016400	304	83.3	2.0	14.7	
93MOB1064	14	318225	6019150	306	69.0	1.6	29.4	
93MOB1067	14	318175	6022675	300	83.3	4.3	12.4	
93MOB1069	14	322375	6023400	304	67.1	2.3	30.6	
93MOB1071	14	323850	6026150	300	67.7	3.6	28.7	
93MOB1073	14	325350	6029150	299	61.7	1.6	36.7	
93MOB1075	14	329050	6029450	303	58.3	1.7	40.0	
93MOB1077	14	333125	6030000	300	81.0	2.7	16.3	
93MOB1079	14	336850	6030450	300	32.0	2.7	65.3	
93MOB1081	14	339448	6031756	300	23.0	0.7	76.3	
93MOB1083	14	344397	6028479	300	41.3	1.0	57.7	
93MOB1085	14	340501	6024716	300	0.3	0.0	99.7	
93MOB1087	14	337050	6025850	278	46.8	0.7	52.5	
93MOB1089	14	342670	6032676	301	35.2	2.0	62.8	
93MOB1091	14	336800	6033750	300	28.7	5.0	66.3	
93MOB1093	14	332075	6035875	300	54.7	3.0	42.3	Brown yellowish carbonates
93MOB1097	14	351403	6041952	300	53.0	1.0	46.0	
93MOB1099	14	352396	6045382	300	56.3	0.0	43.7	
93MOB1101	14	348162	6044956	300	22.3	2.3	75.4	
93MOB1103	14	354005	6041786	300	22.0	0.3	77.7	
93MOB1105	14	339580	6013874	300	87.0	0.3	12.7	
93MOB1107	14	359999	6036185	300	74.7	0.6	24.7	
93MOB1109	14	359999	6036185	165	80.6	2.4	17.0	
93MOB1110	14	356916	6036540	300	64.0	0.3	35.7	The sandstone is very fine
93MOB1112	14	362238	6034544	300	79.0	0.0	21.0	
93MOB1114	14	361063	6037516	300	68.0	0.0	32.0	
93MOB1116	14	349377	6054138	300	0.0	0.0	100.0	
93MOB1118	14	343863	6057884	300	0.0	0.0	100.0	
93MOB1120	14	346376	6057140	300	0.0	0.0	100.0	
93MOB1122	14	345701	6053882	300	0.0	0.0	100.0	
93MOB1124	14	382815	6050328	300	0.0	0.0	100.0	
93MOB1126	14	377783	6050380	300	71.7	5.0	23.3	Pink dolomites and pink oxydized sandstones
93MOB1128	14	374915	6050719	300	80.7	0.6	18.7	
93MOB1130	14	354682	6051974	300	20.7	6.0	73.3	
93MOB1132	14	348516	6052021	300	0.0	0.0	100.0	
93MOB1134	14	360061	6056393	300	0.0	0.0	100.0	
93MOB1136	14	361988	6059887	300	0.0	0.0	100.0	
93MOB1138	14	357642	6058185	300	0.0	0.0	100.0	
93MOB1140	14	356776	6056154	300	0.0	0.0	100.0	Mostly metasediments
93MOB1142	14	366436	6062653	300	0.0	0.0	100.0	Mostly metasediments
93MOB1144	14	370223	6064596	300	0.0	0.0	100.0	
93MOB1146	14	371776	6066649	300	0.0	0.0	100.0	
93MOB1148	14	432400	6025063	300	46.0	0.3	53.7	Most carbonates are subrounded and polished
93MOB1152	14	432653	6047124	300	73.7	0.0	26.3	Some dolomites are weathered
93MOB1154	14	426036	6049054	300	39.3	2.0	58.7	Most carbonates are quite weathered
93MOB1156	14	414283	6043903	300	41.7	0.0	58.3	
93MOB1158	14	408060	6033130	300	75.0	0.0	25.0	
93MOB1160	14	415637	6025143	224	69.6	0.9	29.5	
93MOB1162	14	405331	6025544	300	71.7	0.3	28.0	
93MOB1164	14	393413	6019512	300	83.3	0.4	16.3	

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
93MOB1166	14	395679	6031035	300	65.3	0.0	34.7	
93MOB1169	14	381828	6037599	300	57.7	1.6	40.7	
93MOB1171	14	373273	6048503	300	88.3	1.4	10.3	
93MOB1173	14	369301	6051172	300	22.0	2.3	75.7	
93MOB1175	14	369246	6047354	300	73.7	0.6	25.7	
93MOB1177	14	362584	6043229	300	86.3	0.0	13.7	
93MOB1179	14	356007	6038092	300	60.7	0.3	39.0	
93MOB1181	14	353568	6035875	300	62.3	1.0	36.7	
93MOB1183	14	351173	6038114	300	18.3	0.4	81.3	
93MOB1185	14	349909	6036407	212	9.9	1.4	88.7	
94HJB0005	13	685500	6047000	250	45.3	0.0	54.7	RED DOLOMITE
94HJB0008	14	312106	6079750	250	0.0	0.0	100.0	
94HJB0010	14	313800	6045800	250	0.0	0.0	100.0	Few METASED in FELSIC PLUT.
94HJB0012	14	312846	6047503	250	0.0	0.0	100.0	Some SCHIST look like metased; RED DOLOMITE
94HJB0014	14	308985	6045900	250	46.0	0.0	54.1	
94HJB0016	14	307100	6045014	250	60.8	0.0	39.2	
94HJB0019	14	308351	6055125	194	2.4	0.0	97.6	
94HJB0021	14	307806	6057029	250	0.0	0.0	100.0	
94HJB0023	14	312625	6065616	250	0.0	0.0	100.0	
94HJB0025	13	686375	6044225	237	0.0	0.0	100.0	
94HJB0030	13	686375	6044225	250	7.1	0.0	92.9	Some MAFIC PLUT. look like GNEISS
94HJB0031	13	685600	6044950	250	2.0	0.0	98.0	
94HJB0035	13	685600	6044950	250	9.7	0.0	90.3	
94HJB0036	13	685250	6049400	250	0.0	0.0	100.0	Some MAFIC PLUT. coulb be GNEISS
94HJB0037	13	68560	605335	250	1.6	0.0	98.4	
94HJB0039	13	310250	6059425	250	0.0	0.0	100.0	
94HJB0041	13	309000	6059300	250	0.0	0.0	100.0	
94HJB0044	13	308650	6056275	250	11.3	0.0	88.7	3 RED DOLOMITE present
94HJB0050	13	691470	6072550	250	0.0	0.0	100.0	
94HJB0051	14	311670	6081425	250	0.0	0.0	100.0	Some SCHIST could be GNEISS
94HJB0057	14	313350	6080650	250	0.0	0.0	100.0	Green SCHIST, very fissile
94HJB0058	14	311470	6080450	250	0.0	0.0	100.0	Some SCHIST shine like graphite
94HJB0060A	14	307550	6054500	250	20.1	0.0	79.9	Few RED DOLOMITE present
94HJB0063	14	307775	6055200	250	1.9	0.0	98.1	
94HJB0064	14	307100	6053850	250	12.0	0.0	88.0	
94HJB0066	14	306550	6053025	250	8.3	0.0	91.8	
94HJB0067	13	693500	6053125	250	0.5	0.0	99.5	
94HJB0068	14	306275	6053700	250	1.0	0.0	99.0	
94JEC0001	13	630025	6117425	300	0.0	0.0	100.0	
94JEC0003	13	629020	6119415	300	0.0	0.0	100.0	
94JEC0005	13	627500	6115910	300	0.0	0.0	100.0	
94JEC0007	13	628615	6114125	300	0.0	0.0	100.0	
94JEC0009	13	630460	6115715	300	0.0	0.0	100.0	
94JEC0011	13	627625	6110150	300	0.0	0.0	100.0	
94JEC0013	13	627810	6107325	300	0.0	0.0	100.0	
94JEC0015	13	630175	6110525	300	0.0	0.0	100.0	
94JEC0017	13	631985	6112420	300	0.0	0.0	100.0	
94JEC0019	13	639710	6113200	300	0.0	0.0	100.0	
94JEC0021	13	640960	6116365	300	0.0	0.0	100.0	
94JEC0023	13	638875	6117080	300	0.0	0.0	100.0	
94JEC0024	13	638875	6117080	300	0.0	0.0	100.0	
94JEC0027	13	638220	6119060	208	0.0	0.0	100.0	
94JEC0029	13	636000	6118910	300	0.0	0.0	100.0	
94JEC0031	13	637710	6116045	300	0.0	0.0	100.0	
94JEC0033	13	641150	6111325	300	0.0	0.0	100.0	
94JEC0035	13	643850	6108310	300	0.0	0.0	100.0	
94JEC0037	13	645110	6105885	300	0.0	0.0	100.0	
94JEC0039	13	641125	6106920	300	0.0	0.0	100.0	
94JEC0041	13	639000	6109250	300	0.0	0.0	100.0	
94JEC0043	13	641750	6101330	300	0.0	0.0	100.0	
94JEC0045	13	641400	6104125	300	0.0	0.0	100.0	
94JEC0047	13	646275	6103850	300	0.0	0.0	100.0	
94JEC0049	13	647900	6101460	300	0.0	0.0	100.0	
94JEC0051	13	648010	6100020	300	0.0	0.0	100.0	
94JEC0053	13	645675	6101200	300	0.0	0.0	100.0	
94JEC0055	13	646390	6098900	300	0.0	0.0	100.0	
94JEC0057	13	644650	6099100	300	0.0	0.0	100.0	
94JEC0059	13	644960	6096260	300	0.0	0.0	100.0	
94JEC0061	14	389160	6030267	300	52.3	2.0	45.7	
94JEC0063	14	319604	6028863	300	28.0	1.7	70.3	
94JEC0065	14	305566	6016099	300	71.3	1.0	27.7	
94JEC0068	14	305075	6011354	300	85.0	0.7	14.3	
94JEC0070	14	323428	6004703	59	79.7	0.0	20.3	
94JEC0072	14	324516	5999402	93	74.2	1.1	24.7	
94JEC0074	14	322986	5990766	300	95.0	0.3	4.7	
94JEC0076	14	305595	5989606	300	89.0	1.3	9.7	
94JEC0077	14	305595	5989606	27	92.6	0.0	7.4	
94JEC0079	13	695260	5999576	300	74.0	0.7	25.3	One red dolomite pebble

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
94JEC0082	13	683482	5997608	300	84.7	0.3	15.0	Two purplish red dolomite pebbles
94JEC0084	13	673443	6009689	82	72.0	1.2	26.8	
94JEC0086	13	685366	6029712	300	67.3	2.0	30.7	One red dolomite pebble
94JEC0088	13	668563	6033331	300	29.0	1.3	69.7	
94JEC0090	13	649568	6016709	300	62.0	0.7	37.3	
94JEC0092	13	657675	6009927	300	83.3	0.0	16.7	
94JEC0095	13	663407	5998092	300	99.0	0.0	1.0	One pinkish dolomite pebble
94JEC0097	13	654063	6031582	209	71.3	0.0	28.7	
94JEC0099	13	639291	6030860	300	66.3	0.3	33.3	
94JEC0101	13	635330	6025081	300	98.0	0.0	2.0	
94JEC0103	13	632263	6019920	300	84.3	1.7	14.0	
94JEC0105	13	643994	6006849	229	76.9	0.0	23.1	
94JEC0107	13	649912	5995531	300	56.0	1.0	43.0	One purplish red dolomite pebble
94JEC0109	13	679205	6031137	285	41.8	1.8	56.5	Six purplish red dolomite pebbles
94MOB0006	14	346364	6044034	300	0.0	0.0	100.0	Oxidized pebble
94MOB0018	14	341700	6058450	153	0.0	0.0	100.0	
94MOB0019	14	341700	6058450	300	0.0	0.0	100.0	
94MOB0021	14	329435	6062695	300	0.3	0.0	99.7	Only one sub-rounded dlmt
94MOB0023	14	327902	6053304	300	0.0	0.0	100.0	Greenstones
94MOB0025	14	330266	6055471	300	0.0	0.0	100.0	Oxidized
94MOB0027	14	331190	6057398	183	16.4	0.0	83.6	Very rotten and angular dlmt
94MOB0029	14	329543	6057665	300	0.0	0.0	100.0	Metavolcanics, greenstones
94MOB0031	14	329505	6060160	300	0.0	0.0	100.0	Oxidized, metavolcanics
94MOB0033	14	321482	6055495	300	0.0	0.0	100.0	Oxidized
94MOB0035	14	322829	6056896	300	0.0	0.0	100.0	
94MOB0037	14	324080	6059044	300	0.0	0.0	100.0	
94MOB0039	14	325814	6060277	300	0.0	0.0	100.0	
94MOB0041	14	322960	6001967	300	0.0	0.0	100.0	
94MOB0043	14	325254	6052253	300	0.0	0.0	100.0	Oxidized pebbles
94MOB0045	14	324487	6054263	300	0.0	0.0	100.0	Pebbles are tainted red (due to red schist?)
94MOB0047	14	327049	6058806	300	0.0	0.0	100.0	Greenstones, blade shaped clasts
94MOB0049	14	332957	6052582	300	0.0	0.0	100.0	Metavolcanics and greenstones
94MOB0052	14	335230	6057295	300	0.0	0.0	100.0	Oxidized, granites and greenstones
94MOB0054	14	337189	6059359	95	0.0	0.0	100.0	Few pebbles, granite
94MOB0056	14	337262	6069350	300	0.0	0.0	100.0	Oxidized, metavolcanics
94MOB0057	14	337262	6069350	300	0.0	0.0	100.0	
94MOB0058	14	335854	6067049	300	0.0	0.0	100.0	
94MOB0060	14	337030	6063417	179	0.0	0.0	100.0	Granites
94MOB0062	14	339531	6060667	300	0.0	0.0	100.0	Granites, mafic intrusives
94MOB0064	14	339607	6059272	300	0.0	0.0	100.0	Metavolcanics and granites
94MOB0066	14	340042	6058391	300	0.0	0.0	100.0	
94MOB0068	14	339070	6059291	300	0.0	0.0	100.0	Granites and metavolcanics
94MOB0072	14	321060	6049353	63	0.0	0.0	100.0	Few pebbles
94MOB0074	14	324970	6049541	300	0.0	0.0	100.0	Oxidized, greenstones, granites, metavolcanics
94MOB0078	14	327941	6050604	300	0.0	0.0	100.0	
94MOB0080	14	317960	6049198	300	0.0	0.0	100.0	Metavolcanics and granites
94MOB0082	14	316351	6050315	300	0.0	0.0	100.0	Oxidized, mainly metavolcanics
94MOB0084	14	317960	6049198	300	0.0	0.0	100.0	
94MOB0085	14	318053	6051515	300	0.0	0.0	100.0	
94MOB0087	14	318053	6051515	300	0.0	0.0	100.0	Oxidized
94MOB0089	14	315369	6048714	300	3.7	0.0	96.3	
94MOB0091	14	317913	6047559	51	3.9	0.0	96.1	Calcareous concretion
94MOB0093	14	318302	6044697	75	53.3	0.0	46.7	Few pebbles, mainly dolomite
94MOB0095	14	323271	6044687	300	5.0	6.0	89.0	Half the paleozoics were sandstones
94MOB0097	14	321005	6042919	226	0.0	0.0	100.0	Greenstones
94MOB0099	14	321121	6039913	300	4.7	0.0	95.3	Greenstones and some dolomite
94MOB0101	14	323995	6038749	157	0.0	0.0	100.0	Granitoids and some greenstones
94MOB0103	14	326906	6041360	300	0.3	0.0	99.7	Metaseds and greenstones
94MOB0105	14	333504	6045446	300	14.7	0.7	84.7	Metavolcanic and dolomite
94MOB0107	14	338534	6048265	300	0.0	0.0	100.0	
94MOB0109	14	332355	6059628	300	0.0	0.0	100.0	Metaseds, metavolcanics
94MOB0111	14	332225	6058550	300	0.3	0.0	99.7	Metavolcanic
94MOB0113	14	367456	6045691	300	75.7	3.3	21.0	Angular dolomite
94MOB0115	14	396575	6058046	300	0.0	0.0	100.0	Oxidized
94MOB0117	14	397692	6055918	300	0.0	0.0	100.0	Mainly greenstones, oxidized
94MOB0119	14	394770	6052089	300	0.0	0.0	100.0	Mainly greenstones
94MOB0121	14	399882	6054354	300	0.0	0.0	100.0	Many sub-rounded
94MOB0123	14	403379	6052640	300	28.7	2.0	69.3	Many white-silver phyllades (schists)
94MOB0125	14	358203	6040186	300	57.3	1.0	41.7	
94MOB0127	14	431255	6061530	107	0.0	0.0	100.0	Almost exclusively granites
94MOB0129	14	432449	6065963	300	0.0	0.0	100.0	A lot of metaseds
94MOB0131	14	428408	6060430	300	0.0	0.0	100.0	Mainly metaseds
94MOB0133	14	424303	6055921	300	0.0	0.0	100.0	Grantoids
94MOB0135	14	415676	6064452	300	0.0	0.0	100.0	Mainly quartz
94MOB0137	14	412909	6067596	259	0.0	0.0	100.0	Granites
94MOB0139	14	411369	6061072	300	0.0	0.0	100.0	Oxidized, metaseds, metavolcanic
94MOB0143	14	392790	6060948	300	0.0	0.0	100.0	
94MOB0145	14	390152	6054116	300	0.0	0.0	100.0	

Appendix VIII; Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
94MOB0147	14	385914	6063961	300	0.0	0.0	100.0	
94MOB0149	14	382327	6062352	273	0.0	0.0	100.0	
94MOB0151	14	363892	6058168	300	0.0	0.0	100.0	A lot of granitic rock
94MOB0153	14	360393	6062760	300	0.0	0.0	100.0	
94MOB0155	14	363738	6067328	300	0.0	0.0	100.0	Mainly granitoids
94MOB0157	14	367152	6067196	300	0.0	0.0	100.0	Oxidized, metavolcanics, granite
94MOB0159	14	353032	6062312	300	0.0	0.0	100.0	Metavolcanics and granitoids
94MOB0161	14	352304	6058686	300	0.0	0.0	100.0	Oxidized, metavolcanics, granite
94MOB0163	14	355163	6069513	274	0.0	0.0	100.0	Granitoids
94MOB0165	14	363867	6072799	300	0.0	0.0	100.0	
94MOB0167	14	367904	6075122	300	0.0	0.0	100.0	Mainly granitoids and metaseds
94MOB0186	14	327426	6063495	300	0.0	0.0	100.0	Greenstones
94MOB0188	14	328507	6066487	300	0.0	0.0	100.0	Oxidized, greenstones, granites
94MOB0190	14	329474	6069792	300	0.0	0.0	100.0	Oxidized, greenstones, granites
94MOB0192	14	347476	6066023	300	0.0	0.0	100.0	
94MOB0194	14	356062	6065184	300	0.0	0.0	100.0	
94MOB0196	14	351846	6067672	300	0.0	0.0	100.0	
94MOB0198	14	343787	6070697	300	0.0	0.0	100.0	
94MOB0200	14	351416	6076905	300	0.0	0.0	100.0	
94MOB0202	14	356252	6074489	300	0.0	0.0	100.0	
94MOB0204	14	358265	6079406	300	0.0	0.0	100.0	
94MOB0246	14	320049	6034199	300	0.7	0.0	99.3	
94MOB0248	14	320049	6034199	300	85.3	0.7	14.0	
94MOB0251	14	308569	6021172	154	4.1	0.0	95.9	
94MOB0253	14	309340	6006131	300	84.0	1.0	15.0	
94MOB0255	14	308809	5995940	300	91.7	1.7	6.7	
94MOB0259	14	315436	5990998	300	85.0	0.7	14.3	
94MOB0261	13	696036	5994564	300	85.3	0.3	14.3	
94MOB0263	13	685828	5988542	300	90.0	0.0	10.0	Angular dolomite
94MOB0267	13	676437	6002532	300	78.0	0.0	22.0	
94MOB0269	14	307854	6028723	300	41.0	2.3	56.7	
94MOB0272	13	669396	6026432	300	42.0	0.0	58.0	Sub-angular dolomite
94MOB0274	13	674103	6023359	300	72.3	0.3	27.3	
94MOB0276	13	668239	6007176	300	83.7	1.3	15.0	
94MOB0278	13	671761	5992455	300	83.3	0.7	16.0	
94MOB0281	13	650988	6001536	300	57.7	0.3	42.0	
94MOB0283	13	657696	6039254	300	53.7	0.0	46.3	
94MOB0285	13	643381	6037359	228	59.7	0.9	39.5	
94MOB0287	13	632785	6031223	300	81.0	0.3	18.7	
94MOB0289	13	640262	6011466	300	78.3	0.3	21.3	
94MOB0291	13	634430	6003313	300	84.3	0.0	15.7	
94MOB0293	13	642858	5998989	273	85.0	0.0	15.0	
94MOB0295	13	667900	6017435	300	70.0	1.0	29.0	Two reddish pink dolomite pebbles
94MOB0297	14	310417	6036910	300	0.0	0.0	100.0	
94MOB0300	13	688194	6021564	300	90.0	0.3	9.7	
94MOB0302	13	690765	6014986	300	51.7	1.7	46.7	Four purplish red dolomite pebbles
94MOB0305	13	652458	6026146	300	52.3	0.3	47.3	
94MOB0307	13	640611	6020756	300	55.7	0.3	44.0	
94MOB0309	13	648250	6023873	300	5.0	0.3	94.7	
94MOB0311	13	662300	6040000	300	61.3	1.7	37.0	Dolomite and metaseds
94MOB0313	13	660246	6047170	300	55.3	4.0	40.7	Angular dolomite
94MOB0315	13	652354	6047611	300	61.0	0.7	38.3	Angular dolomite
94MOB0317	13	639321	6042862	109	0.0	0.0	100.0	Few pebbles
94MOB0319	13	640786	6047269	300	34.7	2.3	63.0	Sub-angular dolomite
94MOB0321	13	630962	6043820	300	41.7	2.3	56.0	Angular dolomite
94MOB0323	13	631346	6037986	145	35.9	1.4	62.8	Sub-angular dolomite
94MOB0325	13	633126	6049760	300	41.7	0.3	58.0	Sub-angular dolomite
94MOB0327	14	351971	6001502	300	87.7	0.0	12.3	Angular dolomite
94MOB0328	14	351859	6001413	300	82.0	0.0	18.0	Angular dolomite
94MOB0329	14	351859	6001413	300	81.0	1.7	17.3	Angular dolomite
94MOB0330	14	351709	6001263	300	83.0	0.0	17.0	Angular dolomite
94MOB0331	14	351709	6001263	300	93.0	0.7	6.3	Angular dolomite
94MOB1000	14	331357	6063662	300	0.0	0.0	100.0	
94MOB1002	14	329693	6064879	300	0.0	0.0	100.0	Greenstones
94MOB1004	14	330937	6066967	300	0.0	0.0	100.0	Oxidized, greenstones
94MOB1008	14	332238	6069839	300	0.0	0.0	100.0	
94MOB1010	14	330650	6069102	300	0.0	0.0	100.0	Metavolcanics, greenstones
94MOB1012	14	333284	6054643	300	0.0	0.0	100.0	
94MOB1014	14	335003	6050558	300	0.0	0.0	100.0	Granites
94MOB1016	14	335003	6050558	300	0.0	0.0	100.0	Mostly granites
94MOB1017	14	337791	6051633	300	1.7	0.0	98.3	
94MOB1019	14	341700	6058450	300	3.0	0.0	97.0	Very rotten dlmt
94MOB1020	14	330716	6052232	300	0.0	0.0	100.0	Granites and metaseds
94MOB1023	14	338282	6061856	300	0.0	0.0	100.0	Granites and greenstones
94MOB1025	14	342683	6063124	300	0.0	0.0	100.0	Granites and greenstones
94MOB1035	14	341811	6053038	300	0.0	0.0	100.0	Metavolcanics. metaseds
94MOB1037	14	343656	6052882	300	0.0	0.0	100.0	Greenstones, metaseds
94MOB1039	14	343123	6048878	300	0.0	0.0	100.0	Metavolcanics and granites

Appendix VIII: Lithological Composition

Sample Number	UTM Zone	Easting	Northing	Number of clasts	Paleozoic Carbonate	Paleozoic Sandstone	Pre-cambrian	Comments
94MOB1041	14	339491	6049902	300	0.0	0.0	100.0	
94MOB1045	14	399616	6060173	300	0.0	0.0	100.0	
94MOB1049	14	417981	6058288	300	0.0	0.0	100.0	Oxidized, granitoids
94MOB1054	14	318302	6044697	300	0.0	0.0	100.0	Granites
94MOB1056	14	409296	6054187	300	0.0	0.0	100.0	
94MOB1058	14	406195	6057775	300	0.0	0.0	100.0	Oxidized, metavolcanic
94MOB1062	14	402475	6063976	256	0.0	0.0	100.0	
94MOB1064	14	399616	6060173	148	0.0	0.0	100.0	
94MOB1067	14	333148	6058763	300	0.0	0.0	100.0	Mainly granites
94MOB1069	14	330667	6061021	300	0.0	0.0	100.0	Oxidized, mainly metaseds
94MOB1071	14	321724	6063933	300	0.0	0.0	100.0	
94MOB1073	14	324091	6067616	300	0.0	0.0	100.0	
94MOB1075	14	322273	6064654	300	0.0	0.0	100.0	
94MOB1077	14	323358	6063993	300	0.0	0.0	100.0	Mainly metaseds
94MOB1079	14	325154	6063614	300	0.3	0.0	99.7	Greenstones
94MOB1081	14	321421	6062614	273	0.0	0.0	100.0	
94MOB1083	14	320945	6060096	300	0.0	0.0	100.0	
94MOB1085	14	316425	6060122	300	0.0	0.0	100.0	
94MOB1087	14	315991	6058283	300	1.0	0.0	99.0	
94MOB1089	14	318355	6056795	300	0.0	0.0	100.0	Possibly two iron formation pebbles
94MOB1091	14	318914	6059558	272	0.0	0.0	100.0	
94MOB1093	14	318754	6062287	300	0.0	0.0	100.0	
94MOB1095	14	342966	6060949	300	0.0	0.0	100.0	
94MOB1097	14	341965	6060025	300	0.7	0.0	99.3	
94MOB1099	14	337544	6057768	300	0.0	0.0	100.0	
94MOB1101	14	316827	6070040	300	0.0	0.0	100.0	
94MOB1103	14	319484	6076927	300	0.0	0.0	100.0	
94MOB1104	14	318793	6066835	300	0.0	0.0	100.0	
94MOB1106	14	318297	6069207	300	0.3	0.0	99.7	
94MOB1108	14	321607	6057315	300	0.0	0.0	100.0	
94MOB1110	14	322364	6060597	300	0.0	0.0	100.0	
94MOB1112	14	322364	6060597	300	0.0	0.0	100.0	
94MOB1113	14	326049	6065931	300	0.0	0.0	100.0	
94MOB1115	14	327577	6068410	273	0.0	0.0	100.0	
94MOB1117	14	336217	6061250	300	0.0	0.0	100.0	
94MOB1119	14	320970	6069317	300	0.0	0.0	100.0	
94MOB1121	14	322984	6070011	300	0.0	0.0	100.0	
94MOB1123	14	321757	6064303	300	0.0	0.0	100.0	
94MOB1124	14	321048	6066312	300	0.0	0.0	100.0	
94MOB1126	14	318506	6069941	300	0.0	0.0	100.0	
95MOB0001	13	636348	6099574	300	0.0	0.0	100.0	
95MOB0003	13	631772	6096920	265	0.0	0.0	100.0	
95MOB0005	13	633883	6094193	300	0.0	0.0	100.0	
95MOB0007	13	637534	6089838	71	0.0	0.0	100.0	
95MOB0009	13	630084	6091687	300	0.0	0.0	100.0	
95MOB0011	13	629705	6085409	280	0.0	0.0	100.0	
95MOB0014	13	633337	6083469	300	0.0	0.0	100.0	
95MOB0018	13	688339	6101944	300	0.0	0.0	100.0	
95MOB0020	13	672507	6101531	148	0.0	0.0	100.0	
95MOB0022	13	672048	6110862	300	0.0	0.0	100.0	
95MOB0024	13	676182	6117037	300	0.0	0.0	100.0	
95MOB0026	13	671883	6123143	300	0.0	0.0	100.0	
95MOB0028	13	685129	6122932	300	0.0	0.0	100.0	
95MOB0030	13	658728	6121993	300	0.0	0.0	100.0	
95MOB0032	13	661254	6114547	300	0.0	0.0	100.0	
95MOB0034	13	656767	6103940	300	0.0	0.0	100.0	
95MOB0036	13	631718	6076437	247	0.0	0.0	100.0	
95MOB0038	13	630451	6057854	238	2.0	0.0	98.0	
95MOB0040	13	635600	6055150	300	23.0	1.0	76.0	

APPENDIX IX. Grain Size Distribution

Sample preparation: dry sieve at 0.002mm/0.063mm/2mm, percentage calculated by weight

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
91MOB0002	14	321918	6064172	45.30	30.70	24.00	35.78
91MOB0003	14	346435	6034384	53.70	38.40	7.90	21.53
91MOB0005	14	436605	6065413	49.00	23.70	27.30	32.41
91MOB0006	14	437378	6065419	64.70	32.00	3.30	11.18
91MOB0007	14	437098	6066101	47.30	28.50	24.20	11.13
91MOB0008	14	437910	6058120	46.30	41.50	12.20	15.26
91MOB0012A	14	488177	5986411	61.50	32.10	6.40	52.28
91MOB0012B	14	488110	5986428	26.20	59.30	14.50	14.67
91MOB0013	14	448421	6051727	52.20	42.90	4.90	28.92
91MOB0016	14	392461	6005860	34.40	49.10	16.50	23.96
91MOB0017	14	387039	5996312	37.20	49.20	13.60	29.31
91MOB0018	14	378309	5988710	47.00	41.90	11.10	48.70
91MOB0019	14	434729	5985248	36.60	52.70	10.70	15.53
91MOB0020	14	435590	5994429	23.50	59.20	17.30	14.35
91MOB0021	14	350786	5986291	18.80	59.30	21.90	7.39
91MOB0022	14	348391	5995709	32.30	50.00	17.70	28.92
91MOB0023	14	343644	6000122	35.10	52.20	12.70	37.98
91MOB0024	14	346426	6000957	30.20	58.60	11.20	27.49
91MOB0025	14	339790	6007820	55.20	30.00	14.80	28.73
91MOB0026	14	349546	6000003	40.50	43.50	16.00	30.14
91MOB0027B	14	353089	6003362	48.00	45.70	6.30	46.31
91MOB0028	14	355826	6011553	27.60	56.30	16.10	10.75
91MOB0029	14	348718	6011610	24.10	54.20	21.70	34.66
91MOB0030	14	315683	6100400	48.40	42.00	9.60	30.19
91MOB0031	14	324438	6097220	52.30	37.30	10.40	16.70
91MOB0032	14	370024	6099685	32.00	59.70	8.30	15.80
91MOB0033A	14	369147	6051387	69.30	23.40	7.30	27.03
91MOB0033B	14	369147	6051387	58.30	27.30	14.40	18.71
91MOB0033C	14	369147	6051387	38.40	38.20	23.40	6.62
91MOB0034	14	370255	6049783	62.70	32.40	4.90	25.49
91MOB0035	14	364910	6043984	51.70	41.50	6.80	30.18
91MOB0036	14	360264	6041461	17.10	66.40	16.50	6.56
91MOB0041	13	685910	6039437	55.10	33.20	11.70	13.55
91MOB0042	14	307966	6042535	37.70	32.00	30.30	19.15
92HJB1000	13	687475	6082000	49.82	48.91	1.27	13.38
92HJB1001	13	686650	6084650	77.70	18.05	4.25	26.31
92HJB1002	13	683450	6083860	56.66	40.70	2.64	21.69
92HJB1003	13	673075	6083150	77.14	20.53	2.33	25.92
92HJB1004	13	669685	6082550	45.32	47.69	7.00	18.35
92HJB1005A	14	313350	6080645	75.42	21.48	3.10	23.27
92HJB1005B	14	313350	6080645	53.27	36.33	10.39	30.07
92HJB1006	14	312850	6078675	42.94	45.81	11.24	13.35
92HJB1015A	13	692370	6085370	49.15	46.72	4.13	18.58
92HJB1015B	13	692370	6085370	39.84	50.73	9.43	24.71
92HJB1016	14	308100	6085100	75.26	21.03	3.70	25.18
92HJB1017	14	309460	6083240	46.33	51.71	1.96	17.73
92HJB1018	13	670305	6087650	70.56	26.25	3.20	21.76
92HJB1019	13	670030	6086700	44.85	43.58	11.57	7.61
92HJB1020	13	669645	6086165	82.76	16.19	1.04	5.36
92HJB1021	13	668410	6085590	33.93	61.85	4.21	6.79
92HJB1022A	13	668000	6083630	60.03	37.34	2.62	18.60
92HJB1022B	13	668000	6083630	84.17	14.78	1.04	19.97
92HJB1023	13	669320	6082150	91.78	7.30	0.92	10.15
92HJB1024	13	664290	6083170	75.88	22.86	1.26	32.77
92HJB1025A	13	690030	6079955	61.36	35.39	3.24	21.52
92HJB1025B	13	690030	6079955	59.42	32.89	7.69	20.51
92HJB1025C	13	690030	6079955	37.22	53.10	9.68	15.81
92HJB1026	14	315110	6071280	45.86	44.95	9.19	12.41
92HJB1027	14	312395	6072535	63.84	33.94	2.22	19.78

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
92HJB1028	14	311180	6075365	24.23	51.55	24.22	10.42
92HJB1029	13	686045	6079030	60.54	34.59	4.87	20.04
92HJB1030	13	687395	6079170	58.62	32.60	8.78	22.54
92HJB1031	13	688445	6078540	66.39	29.32	4.28	16.99
92HJB1032	13	689750	6078590	76.52	21.50	1.98	24.75
92HJB1033	13	675130	6080430	44.90	51.70	3.40	6.22
92HJB1034	13	676425	6079125	68.33	28.43	3.25	14.81
92HJB1035	13	678350	6081120	77.10	18.47	4.43	32.59
92HJB1036	13	679515	6078950	74.76	23.74	1.50	24.45
92HJB1037	13	680540	6080490	73.73	21.73	4.54	11.46
92HJB1038	13	681860	6079880	73.14	23.33	3.53	31.67
92HJB1039	13	683640	6080240	70.51	27.41	2.08	16.56
92HJB1040	13	685945	6077500	57.16	37.11	5.73	10.12
92HJB1041	13	686740	6089930	81.01	17.92	1.08	27.30
92HJB1042	13	685645	6088600	41.59	53.38	5.04	19.60
92HJB1043A	13	684700	6087040	64.83	32.19	2.98	41.78
92HJB1043B	13	684700	6087040	56.10	40.32	3.58	20.34
92HJB1044	13	688230	6086440	78.35	19.58	2.07	26.22
92HJB1045	14	312440	6071845	80.61	17.81	1.59	22.45
92HJB1046	14	312950	6071425	71.62	25.79	2.60	20.89
92HJB1047	13	687800	6080820	67.43	28.27	4.30	14.90
92HJB1048	13	660550	6080305	83.49	14.57	1.94	26.68
92HJB1049	14	313450	6076045	70.50	25.27	4.23	20.08
92HJB1050	13	691160	6078895	48.84	44.49	6.67	26.62
92HJB1051	14	315300	6080945	40.96	44.83	14.21	17.96
92HJB2000	14	314175	6070150	65.51	31.73	2.76	18.73
92HJB2001	14	311175	6063450	66.06	29.68	4.26	20.47
92HJB2002	14	315875	6058330	84.01	13.58	2.40	30.10
92HJB2003	14	315550	6068665	51.26	32.38	16.36	31.87
92HJB2004	14	307710	6056595	61.33	27.76	10.91	25.72
92HJB2005	14	307775	6055360	37.69	38.28	24.03	24.14
92HJB2006A	14	306770	6053380	60.26	31.24	8.50	32.41
92HJB2006B	14	306770	6053380	53.04	34.15	12.80	11.59
92HJB2007	14	306580	6052440	52.13	42.21	5.66	19.88
92HJB2008	13	691500	6063600	61.16	31.40	7.44	24.10
92HJB2009	13	692525	6056525	46.36	39.69	13.95	19.27
92HJB2010	14	306580	6052440	49.78	31.93	18.29	9.56
92HJB2011	13	691635	6046160	41.23	30.63	28.14	23.13
92HJB2012	13	693775	6044510	41.01	46.30	12.68	21.91
92HJB2013	14	306775	6043300	46.39	39.96	13.65	11.98
92HJB2014	13	689075	6042875	52.78	35.66	11.55	15.88
92HJB2015	13	686600	6043075	63.32	28.34	8.34	31.57
92HJB2016	13	685250	6045050	46.77	39.45	13.78	24.80
92HJB2018A	13	685260	6051625	68.04	22.71	9.25	24.80
92HJB2020	13	687750	6055685	64.26	28.15	7.59	31.71
92HJB2021	14	311175	6043700	54.26	33.57	12.17	23.83
92HJB2024	14	313000	6047785	47.49	38.48	14.03	13.43
92HJB2025	14	313230	6049650	45.96	40.55	13.49	16.94
92HJB2026A	13	680025	6049500	59.56	30.22	10.22	17.93
92HJB2026B	13	680025	6049500	68.24	24.96	6.79	19.65
92HJB2027	13	677650	6048900	54.69	33.04	12.28	18.68
92HJB2028	13	684425	6055400	64.01	25.51	10.47	33.14
92HJB2030	14	309800	6047950	61.91	30.36	7.73	19.00
92HJB2032A	14	307625	6044825	86.75	8.67	4.58	41.75
92HJB2032B	14	307625	6044825	17.08	26.92	56.00	6.76
92HJB2033	13	686050	6059375	82.08	9.81	8.12	23.99
92HJB2034	13	684000	6058150	50.21	25.35	24.44	23.79
92HJB2035	13	686500	6063350	61.11	29.74	9.15	18.36
92HJB2036A	13	691200	6064900	74.98	21.99	3.03	20.86

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
92HJB2036B	13	691200	6064900	65.42	30.32	4.26	20.57
92HJB2036C	13	691200	6064900	71.58	25.95	2.47	25.87
92HJB2037A	14	310715	6056350	68.58	26.68	4.74	8.96
92HJB2037B	14	310715	6056350	57.91	31.31	10.77	12.84
92HJB2038A	14	310280	6055230	71.71	17.08	11.21	23.06
92HJB2038B	14	310280	6055230	34.58	32.04	33.38	9.55
92HJB2040	13	687800	6052500	46.60	45.06	8.34	11.42
92HJB2041	13	686400	6050720	51.18	31.28	17.54	13.85
92HJB2042	13	684490	6066000	81.45	16.38	2.17	10.32
92HJB2043	13	681475	6067195	50.82	45.87	3.32	21.43
92HJB2044	13	679400	6070775	88.80	8.95	2.25	42.00
92HJB2045	13	677805	6070455	50.27	41.66	8.07	16.99
92HJB2046	13	679100	6068525	71.24	17.49	11.27	41.07
92HJB2047	13	677625	6067105	62.29	29.66	8.05	24.31
92HJB2048	13	676050	6067860	60.17	34.07	5.76	15.71
92HJB2049A	13	676560	6065775	50.12	41.65	8.22	16.46
92HJB2049B	13	676560	6065775	45.71	38.86	15.44	10.22
92HJB2050	13	674395	6067025	50.19	34.88	14.93	8.36
92HJB2051A	13	676400	6064050	69.32	19.81	10.87	20.05
92HJB2051B	13	676400	6064050	54.77	34.16	11.07	10.37
92HJB2052	13	674900	6063945	63.39	30.80	5.81	24.44
92HJB2053	13	673625	6062475	56.02	36.56	7.42	20.20
92HJB2054	13	675500	6061475	35.27	60.94	3.79	18.22
92HJB2055	13	672330	6061150	35.68	56.39	7.93	20.32
92HJB2056	13	672265	6055000	48.05	34.18	17.77	25.37
92HJB2057	13	672060	6058275	58.03	35.04	6.93	33.61
92HJB2058	13	674155	6059630	57.78	36.02	6.20	22.41
92HJB2059	13	674680	6057075	60.03	29.06	10.92	12.22
92HJB2060	13	679150	6056530	59.14	34.94	5.92	14.02
92HJB2061	13	676475	6056630	66.77	28.21	5.03	15.67
92HJB2062	13	677535	6058835	58.01	38.82	3.16	13.86
92HJB2063A	13	677900	6060885	65.77	25.83	8.40	14.70
92HJB2063B	13	677900	6060885	61.59	30.56	7.84	23.06
92HJB2064	13	680565	6058435	53.11	25.31	21.57	21.53
92HJB2065	13	682540	6059450	65.66	28.76	5.57	18.22
92HJB2066	13	690850	6055950	50.01	29.34	20.66	28.70
92HJB2067A	13	689530	6053650	64.39	29.16	6.45	22.39
92HJB2067B	13	689530	6053650	36.80	36.40	26.81	19.82
92HJB2068A	13	690225	6051700	72.32	23.44	4.24	25.84
92HJB2068B	13	690225	6051700	63.40	27.12	9.48	13.71
92HJB2069A	13	689450	6061525	49.67	46.83	3.50	13.74
92HJB2069B	13	689450	6061525	70.40	27.83	1.77	12.54
92HJB2070	13	689135	6061985	76.48	18.67	4.84	22.64
92HJB2071	13	689150	6062025	70.08	22.37	7.55	32.10
92HJB2072	14	313420	6068250	65.06	28.33	6.61	12.38
92HJB2073	14	314725	6065300	69.84	25.38	4.78	20.91
92HJB2074	14	315725	6068275	78.66	20.05	1.29	18.91
92HJB2075	14	313080	6063260	84.55	1.31	14.14	20.35
92HJB2076	13	690900	6060375	63.06	23.26	13.68	22.36
92HJB2078	14	311940	6097975	62.69	32.38	4.93	15.70
92JC0001	13	633000	6119250	42.90	36.50	20.60	17.92
92JC0003	13	641315	6122775	48.90	35.70	15.40	23.90
92JC0005	13	633500	6116400	63.20	20.40	16.40	38.01
92JC0007	13	634600	6114150	46.90	32.40	20.60	35.14
92JC0009	13	636475	6111535	50.40	33.50	16.10	20.97
92JC0011	13	637225	6108340	58.20	30.10	11.70	19.47
92JC0013	13	637180	6102325	63.10	21.10	15.80	28.12
92JC0015	13	638150	6101150	23.80	25.40	50.80	13.60
92JC0017	13	641100	6099360	37.10	44.40	18.50	14.28

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
92JC0018	13	641100	6099360	45.50	32.70	21.80	8.14
92JC0020	13	642475	6097775	54.70	23.20	22.10	23.93
92JC0022	13	644500	6093260	57.30	29.00	13.70	53.56
92JC0024	13	645225	6091670	44.00	27.90	28.10	17.23
92JC0026	13	645000	6088560	59.00	22.40	18.60	19.59
92JC0027	13	645000	6088560	57.20	26.40	16.40	22.75
92JC0029	13	643640	6085640	40.40	33.90	25.70	12.45
92JC0031	13	642410	6080025	56.00	31.00	13.00	11.99
92JC0033	13	640525	6076265	53.40	29.80	16.80	18.40
92JC0035	13	639800	6090130	65.20	17.30	17.50	15.25
92JC0037	13	634500	6069150	38.50	42.40	19.10	30.62
92JC0039	13	639175	6075730	62.10	21.90	16.00	11.29
92JC0041	13	630610	6066175	55.20	29.80	15.00	19.14
92JC0043	13	637850	6061125	37.10	39.20	23.70	5.66
92JC0045	13	634020	6064020	42.10	31.00	26.90	10.98
92JC0047	13	643865	6078050	63.70	18.30	18.00	25.87
92JC0049	13	646760	6077800	51.20	31.50	17.30	25.14
92JC0051	13	655720	6079510	64.50	17.80	17.70	32.29
92JC0052	13	655720	6079510	53.00	25.90	21.10	16.65
92JC0054	13	659375	6080830	42.00	42.90	15.10	21.53
92JC0056	13	658840	6082330	68.60	17.60	13.80	32.03
92JC0058	13	653425	6079760	45.60	37.80	16.60	20.34
92JC0060	13	651450	6077080	69.90	18.00	12.10	14.58
92JC0062	13	632175	6117650	50.60	47.90	1.50	17.99
92JC0064	13	639750	6120375	80.80	15.60	3.60	27.61
92JC0066	13	642765	6082160	74.40	5.60	17.00	11.10
92JC0068	13	648775	6076600	50.50	45.40	4.10	15.51
92JC0069	13	688865	6042365	64.50	27.70	7.80	23.82
92JC0071	13	687500	6040320	60.30	32.70	7.00	17.95
92JC0073	13	684425	6035900	64.00	17.60	18.40	8.12
92JC0075	13	685460	6038825	39.70	48.80	11.50	15.26
92JC0077	13	686150	6041600	54.89	37.63	7.48	18.08
92JC0078	13	686150	6041600	46.65	34.26	19.09	11.51
92MOB0001	14	449581	6050986	26.85	49.90	23.25	26.97
92MOB0005	14	488968	5989096	33.21	60.80	5.99	52.78
92MOB0008	14	487175	5983781	32.56	51.62	15.82	30.04
92MOB0009	14	487175	5983781	31.83	42.55	25.63	29.90
92MOB0019	14	496578	6059712	51.74	36.18	12.08	18.82
92MOB0023	14	493686	6056135	26.30	71.00	2.71	70.44
92MOB0024	14	493549	6055649	44.95	33.41	21.64	10.13
92MOB0027	14	493219	6055850	41.40	46.22	12.38	13.54
92MOB0029	14	452837	6045904	44.92	41.05	14.03	25.58
92MOB0032	14	448548	6035727	44.39	37.67	17.94	19.13
92MOB0035	14	445619	6034922	46.47	33.69	19.84	28.94
92MOB0039	14	447492	6035510	39.18	39.50	21.32	11.08
92MOB0042	14	450709	6037941	39.79	42.81	17.40	16.84
92MOB0045	14	450629	6039708	35.28	32.27	32.45	7.44
92MOB0048	14	450100	6045550	45.33	45.50	9.17	14.12
92MOB0051	14	450100	6045550	23.48	30.74	45.79	1.80
92MOB0052	14	450125	6045700	85.46	10.13	4.40	63.53
92MOB0053	14	449968	6059640	81.70	7.29	11.01	10.11
92MOB0057	14	445872	6060150	52.07	32.71	15.22	13.92
92MOB0060	14	445073	6061536	54.25	38.47	7.28	21.99
92MOB0063	14	444010	6063119	53.31	39.79	6.90	26.02
92MOB0066	14	451286	6046942	8.74	35.15	56.11	3.89
92MOB0067	14	450027	6047298	44.71	49.52	5.77	21.23
92MOB0070	14	443205	6055708	45.76	49.77	4.47	15.55
92MOB0073	14	436653	6054329	67.42	28.55	4.03	24.73
92MOB0079	14	427408	6053204	64.02	27.30	8.68	9.42

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
92MOB0082	14	427112	6053360	63.72	28.66	7.62	8.66
92MOB0085	14	424796	6052367	28.97	57.33	13.70	4.24
92MOB0088	14	424732	6051983	81.76	16.68	1.56	24.48
92MOB0090	14	424098	6051745	46.76	46.17	7.07	8.68
92MOB0093	14	423569	6051703	65.93	31.84	2.23	6.59
92MOB0101	14	421700	6051750	63.94	30.02	6.04	9.08
92MOB0104	14	418160	6052359	84.87	13.23	1.90	22.87
92MOB0105	14	418023	6051261	52.77	39.43	7.80	31.24
92MOB0108	14	416947	6050847	54.54	38.90	6.56	29.89
92MOB0111	14	416002	6049524	58.22	36.42	5.36	17.69
92MOB0114	14	416005	6050232	58.39	35.12	6.49	22.76
92MOB0117	14	414429	6049579	61.14	32.21	6.55	8.54
92MOB0120	14	413627	6048921	73.94	11.81	14.25	25.65
92MOB0121	14	413736	6048893	70.51	25.83	3.66	13.65
92MOB0124	14	469913	5986124	22.81	53.21	23.98	9.07
92MOB0127	14	473613	5983765	30.00	51.73	18.26	13.43
92MOB0130	14	479106	5983463	15.42	52.05	32.53	0.43
92MOB0133	14	479925	5987750	38.01	43.80	18.19	15.27
92MOB0136	14	484187	5984311	41.21	41.13	17.66	19.04
92MOB0139	14	445097	6001910	34.76	53.63	11.61	11.99
92MOB0145	14	437999	6002027	39.21	46.04	14.75	8.36
92MOB0148	14	443035	6011620	33.16	52.15	14.69	5.66
92MOB0151	14	460238	6017459	55.19	35.62	9.19	17.43
92MOB0154	14	453458	6020735	29.53	53.44	17.03	23.31
92MOB0157	14	444994	6020132	48.15	43.94	7.91	11.30
92MOB0160	14	436664	6018105	19.22	45.54	35.24	21.10
92MOB0163	14	441387	6027536	19.90	51.01	29.09	10.59
92MOB0166	14	453410	6029461	22.49	43.68	33.83	3.17
92MOB0169	14	460195	6031098	35.19	46.02	18.73	10.67
92MOB0172	14	479828	6021839	49.83	38.70	11.47	24.33
92MOB0175	14	480115	6015181	33.43	52.45	14.12	25.11
92MOB0179	14	482162	6044295	51.01	37.99	11.00	10.16
92MOB0182	14	490062	6063102	28.57	57.94	13.49	20.26
92MOB0189	14	480098	6083219	21.48	50.98	27.54	10.49
92MOB0192	14	499871	6122001	58.83	32.17	9.00	21.14
92MOB0195	14	488359	6113447	70.25	23.41	6.34	26.07
92MOB0198	14	498900	6108550	33.15	35.19	31.66	14.86
92MOB0201	14	445024	6097313	57.61	35.09	7.30	6.07
92MOB0204	14	444966	6103186	57.40	27.89	14.71	13.17
92MOB0207	14	445149	6111767	61.44	33.78	4.78	13.60
92MOB0210	14	445239	6118541	56.89	32.32	10.79	15.82
92MOB0213	14	461601	6119604	50.52	31.35	18.13	9.09
92MOB0216	14	464245	6112711	64.30	31.71	3.99	35.95
92MOB0219	14	464585	6107124	36.93	26.32	36.75	14.06
92MOB0222	14	471618	6102102	65.79	31.36	2.85	11.64
92MOB0225	14	466963	6096323	61.22	34.49	4.29	
92MOB0228	14	457229	6074244	60.05	25.17	14.78	14.85
92MOB0231	14	473950	6057628	44.57	36.06	19.37	11.79
92MOB0234	14	460605	6055996	47.92	41.38	10.70	10.78
92MOB0237	14	456780	6043730	51.12	35.02	13.86	24.81
92MOB0240	14	444463	6046879	42.08	49.34	8.58	28.64
92MOB0243	14	437296	6044050	59.31	34.05	6.64	33.49
92MOB0246	14	447067	6037421	37.71	53.98	6.31	39.14
92MOB0249	14	447067	6037421	32.82	42.37	24.81	13.75
92MOB0250	14	414384	6049111	90.44	7.94	1.61	44.01
92MOB0251	14	414265	6048923	61.43	33.78	4.79	28.20
92MOB0253	14	412243	6047565	63.25	33.09	3.66	36.93
92MOB0256	14	407528	6044548	39.18	54.96	5.86	18.56
92MOB0260	14	408137	6042729	58.87	34.08	7.05	19.78

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
92MOB0263	14	409407	6043109	57.25	36.00	6.75	21.78
92MOB0266	14	406262	6042259	59.66	33.21	7.13	24.26
92MOB0269	14	437250	6068800	62.47	28.19	9.34	13.55
92MOB0270	14	437600	6066450	35.49	36.74	27.77	4.42
92MOB0271	14	437325	6066050	81.64	11.38	6.98	27.83
92MOB0272	14	437650	6065850	64.27	29.82	5.91	42.29
92MOB0275	14	436550	6066000	74.81	21.43	3.76	7.15
92MOB0276	14	436650	6065625	68.68	27.66	3.66	21.66
92MOB0277	14	436825	6065400	64.38	28.90	6.72	7.96
92MOB0278	14	436725	6065450	69.48	11.57	18.98	25.15
92MOB0279	14	436850	6065050	52.38	28.01	19.60	11.03
92MOB0290	14	440050	6097100	47.99	48.04	3.97	14.02
92MOB0293	14	440050	6097100	77.17	20.39	2.44	19.09
92MOB0294	14	437775	6104100	58.47	35.12	6.41	17.51
92MOB0297	14	439449	6109142	63.19	32.45	4.36	13.21
92MOB0300	14	456511	6119192	51.04	29.15	19.81	12.80
92MOB0303	14	469484	6114570	73.37	24.55	2.08	8.89
92MOB0306	14	467960	6099299	64.56	24.49	10.95	5.27
92MOB0309	14	458353	6095664	81.19	15.12	3.69	22.51
92MOB0312	14	437200	6065600	70.64	23.11	6.25	18.21
92MOB0313	14	436700	6065150	66.13	18.71	15.16	24.19
92MOB0314	14	436400	6064450	68.18	26.53	5.29	11.46
92MOB0315	14	436800	6064250	69.11	25.35	5.54	12.31
92MOB0316	14	436775	6064700	63.68	24.43	11.89	16.20
92MOB0317	14	436850	6064800	52.55	26.16	21.29	10.30
92MOB0318	14	436800	6065225	68.95	25.98	5.07	10.07
92MOB0319	14	437225	6065200	67.17	27.97	4.86	11.19
92MOB0320	14	436450	6065100	56.07	36.54	7.39	6.37
92MOB0321	14	452900	6067950	55.40	35.29	9.31	8.50
92MOB0324	14	452900	6067950	60.20	32.85	6.95	17.17
92MOB0325	14	452900	6067950	52.00	32.87	15.13	13.60
92MOB0326	14	457650	6065725	64.75	29.10	6.15	19.49
92MOB0329	14	465650	6063550	52.72	36.06	11.22	13.47
92MOB0332	14	466005	6069900	46.05	48.12	5.83	2.80
92MOB0335	14	461250	6075250	56.74	24.46	18.80	19.16
92MOB0336	14	461250	6075250	44.95	17.23	37.82	4.60
92MOB0339	14	462075	6080250	63.09	33.81	3.10	7.98
92MOB0342	14	467970	6086450	50.95	39.72	9.33	23.99
92MOB1001	14	437763	6058408	62.83	33.37	3.74	27.95
92MOB1004	14	488133	5986132	28.47	49.97	21.56	19.26
92MOB1011	14	493196	6056073	69.52	24.79	5.69	19.44
92MOB1013	14	452428	6046513	55.56	35.10	9.34	17.89
92MOB1016	14	450336	6046454	77.28	20.64	2.08	36.23
92MOB1019	14	449871	6047711	56.51	35.30	8.19	18.69
92MOB1022	14	449401	6050524	36.11	11.01	52.88	20.18
92MOB1025	14	450463	6050864	87.32	2.97	9.71	15.96
92MOB1028	14	447536	6052245	50.50	43.06	6.44	14.75
92MOB1031	14	443918	6055391	48.71	45.81	5.48	14.75
92MOB1034	14	441520	6056933	48.35	39.52	12.13	12.78
92MOB1037	14	440586	6060315	54.72	38.99	6.29	20.14
92MOB1040	14	433231	6052330	55.55	38.17	6.28	5.80
92MOB1045A	14	434168	6051494	66.42	28.69	4.89	8.03
92MOB1045B	14	434168	6051494	64.27	27.71	8.02	9.46
92MOB1049	14	432046	6053177	52.54	37.84	9.62	14.66
92MOB1053	14	429743	6053092	62.11	30.42	7.47	10.63
92MOB1054	14	421757	6051069	64.39	32.53	3.08	13.49
92MOB1057	14	420578	6051908	61.97	34.44	3.59	29.47
92MOB1060	14	420100	6051007	63.28	30.20	6.52	19.04
92MOB1063	14	418507	6052535	39.23	52.51	8.26	38.88

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
92MOB1065	14	419947	6052417	57.21	35.16	7.63	48.59
92MOB1068	14	419301	6051720	58.44	32.05	9.51	27.68
92MOB1071	14	412040	6047178	71.49	25.58	2.93	32.51
92MOB1074	14	411762	6047204	56.84	38.18	4.98	40.89
92MOB1078	14	411245	6046891	50.20	43.64	6.16	31.49
92MOB1080	14	410518	6046931	71.89	26.09	2.02	47.13
92MOB1083	14	410518	6046931	64.14	30.97	4.89	32.61
92MOB1085	14	408294	6046973	55.34	35.09	9.57	26.75
92MOB1087	14	408877	6047501	54.46	38.32	7.22	37.64
92MOB1089	14	407808	6046795	50.96	42.63	6.41	47.20
92MOB1094	14	406276	6047037	25.52	29.94	44.54	19.99
92MOB1095	14	406276	6047037	45.44	46.30	8.26	36.29
92MOB1096	14	407504	6047946	56.77	33.41	9.82	25.03
92MOB1099	14	406935	6046806	56.31	36.47	7.22	19.58
92MOB1100	14	406276	6047037	73.84	24.72	1.44	58.64
92MOB1102	14	405667	6048360	61.87	33.11	5.02	30.99
92MOB1105	14	403895	6048603	64.83	32.70	2.47	32.73
92MOB1108	14	484967	5994440	56.23	40.70	3.07	43.12
92MOB1111	14	486237	5999358	36.12	34.48	29.40	48.61
92MOB1114	14	468667	6008703	33.11	57.69	9.20	18.00
92MOB1120	14	461126	6000668	35.41	52.06	12.53	24.66
92MOB1123	14	443601	6063696	32.06	59.50	8.44	24.35
92MOB1126	14	441511	6063631	61.85	33.42	4.73	25.23
92MOB1129	14	402170	6048956	52.53	41.54	5.93	51.42
92MOB1132	14	401189	6049566	70.58	26.55	2.87	22.30
92MOB1135	14	400171	6046924	51.01	44.02	4.97	53.74
92MOB1138	14	400563	6047832	42.52	45.30	12.18	26.14
92MOB1141	14	399635	6049019	39.75	46.48	13.77	16.76
92MOB1144	14	398112	6048987	59.51	29.40	11.09	11.12
92MOB1147	14	397064	6048741	54.37	44.19	1.44	28.84
92MOB1150	14	394992	6047980	51.96	44.58	3.46	44.46
92MOB1153	14	396619	6047562	55.50	37.22	7.28	32.62
92MOB1156	14	393441	6048912	47.71	47.82	4.47	22.89
92MOB1159	14	394420	6048878	57.80	39.93	2.27	24.01
92MOB1165	14	454246	6113844	54.74	40.21	5.05	22.71
92MOB1168	14	452692	6107468	55.95	35.07	8.98	8.07
92MOB1171	14	475694	6109933	88.26	6.85	4.89	37.96
92MOB1177	14	472957	6086600	55.73	37.45	6.82	39.95
92MOB1183	14	466628	6075287	70.14	24.90	4.96	18.63
92MOB1185	14	452797	6055250	61.81	32.53	5.66	11.30
92MOB1188	14	444487	6043305	43.82	47.00	9.18	18.40
92MOB1191	14	437390	6038430	49.80	40.24	9.96	14.57
92MOB1194	14	439712	6063811	56.77	36.31	6.92	33.73
92MOB1197	14	392630	6049740	68.54	29.04	2.42	50.16
92MOB1200	14	390360	6051099	59.70	32.91	7.39	25.14
92MOB1203A	14	389335	6051273	47.92	44.55	7.53	9.08
92MOB1203B	14	389335	6051273	29.54	59.48	10.98	25.78
92MOB1241	14	449083	6055772	44.87	47.92	7.21	16.91
92MOB1244	14	449069	6055501	49.73	19.08	31.19	67.81
92MOB1245	14	448917	6055007	68.60	29.30	2.10	23.25
93HJB2001	13	669702	6090111	66.64	29.11	4.25	32.68
93HJB2003	13	669525	6090100	67.62	26.60	5.78	28.32
93HJB2005	13	669452	6091455	66.02	28.52	5.46	32.74
93HJB2007	13	668175	6092200	39.21	50.52	10.27	23.31
93HJB2008	13	668175	6092200	56.27	30.50	13.23	11.74
93HJB2010	13	667500	6089750	76.58	17.47	5.95	34.52
93HJB2012	13	669260	6096480	69.73	25.66	4.61	25.36
93HJB2014	13	668000	6097415	67.51	28.18	4.31	18.10
93HJB2016	13	668475	6095160	53.11	38.50	8.39	35.64

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
93HJB2018	13	664400	6093345	73.16	20.86	5.98	16.83
93HJB2020	13	664900	6095115	77.51	17.11	5.37	18.97
93HJB2021	13	665085	6094780	42.07	47.65	10.28	34.29
93HJB2022	13	665085	6094780	68.92	26.70	4.38	31.23
93HJB2026	13	670250	6090655	57.01	34.62	8.36	11.95
93HJB2028	13	661700	6047345	67.79	27.12	5.09	40.23
93HJB2030	13	667760	6095600	69.23	27.43	3.35	10.91
93HJB2032	13	668600	6094050	40.08	53.34	6.59	16.80
93HJB2034	13	687375	6098250	59.44	36.29	4.27	22.39
93HJB2036	13	686660	6096550	54.35	37.12	8.53	35.55
93HJB2038	13	687625	6094470	46.52	48.09	5.39	35.20
93HJB2040	13	687950	6093275	77.88	18.25	3.87	38.35
93HJB2042	13	685250	6093410	69.50	26.31	4.19	26.61
93HJB2044	13	686100	6092660	70.24	26.61	3.15	25.34
93HJB2048	13	685775	6091650	62.87	26.83	10.30	26.82
93HJB2050	13	686200	6095400	47.71	44.36	7.93	18.78
93HJB2052	14	309375	6093440	51.17	41.04	7.79	34.47
93HJB2054	13	688900	6098400	76.84	17.36	5.79	32.54
93HJB2056	13	689775	6095450	52.70	42.72	4.58	36.42
93HJB2058	13	690880	6094260	72.08	24.01	3.91	29.91
93HJB2062	14	309225	6096875	69.15	27.97	2.89	32.72
93HJB2064	14	310360	6088200	69.95	25.80	4.25	27.63
93HJB2066	14	310860	6089700	73.44	22.98	3.58	21.30
93HJB2070	14	313675	6089225	70.11	25.76	4.13	46.76
93HJB2072	14	315050	6088850	41.19	54.28	4.53	20.89
93HJB2074	14	316500	6070100	43.46	42.46	14.09	14.11
93HJB2076	14	314900	6069350	67.66	28.37	3.98	15.48
93HJB2078	13	688890	6059300	50.63	44.64	4.73	25.63
93HJB2080	13	674300	6086750	57.35	37.15	5.50	26.36
93HJB2084	13	663325	6090375	54.66	36.60	8.73	44.57
93HJB2085	13	663325	6090375	56.91	34.30	8.78	24.44
93HJB2087	13	668850	6085900	30.01	66.38	3.61	9.82
93HJB2088	13	668850	6085900	24.60	73.25	2.15	3.39
93HJB2092	14	313820	6093250	62.82	35.20	1.98	13.96
93HJB2094	14	310100	6084050	66.14	30.59	3.27	25.91
93HJB2097	13	684750	6080600	57.86	38.45	3.69	28.20
93HJB2099	13	674850	6075450	45.56	45.30	9.14	12.56
93HJB2101	13	673500	6076380	57.45	34.56	7.99	28.58
93HJB2103	14	310940	6080850	52.53	29.22	18.25	19.08
93HJB2105	14	311325	6080525	44.64	43.14	12.22	17.44
93HJB2107	13	680450	6060380	64.90	22.96	12.15	7.06
93HJB2109	13	667200	6066275	53.41	31.40	15.19	8.76
93HJB2111	13	670550	6061900	60.24	33.92	5.83	11.06
93HJB2113	13	667660	6057175	65.54	28.62	5.83	26.24
93HJB2117	14	312300	6061500	55.16	36.77	8.07	18.65
93HJB2124	14	312850	6065700	53.07	36.49	10.45	24.56
93HJB2126	14	312850	6081520	80.55	17.29	2.16	22.62
93HJB2128	13	685180	6082815	80.90	16.10	3.00	14.60
93HJB2132	13	689475	6062050	56.94	38.36	4.71	28.11
93HJB3001	13	662155	6051728	65.20	32.00	2.80	16.46
93HJB3003	13	663615	6052762	62.21	35.16	2.63	18.16
93HJB3005	13	665302	6050308	35.88	55.02	9.10	5.76
93HJB3007	13	670880	6042658	64.41	24.02	11.57	9.50
93HJB3009	13	669975	6042325	62.64	26.52	10.84	5.54
93HJB3011	13	671680	6050780	47.07	36.30	16.63	18.23
93HJB3013	13	671000	6047850	52.38	35.55	12.07	9.07
93HJB3015	13	670560	6049075	41.41	42.50	16.10	11.84
93HJB3017	13	674220	6050610	47.55	39.26	13.19	27.20
93HJB3019	13	672065	6052730	23.17	45.92	30.91	25.33

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
93HJB3021	13	666870	6044510	41.89	46.08	12.03	36.06
93HJB3023	13	669485	6047550	53.13	40.73	6.15	17.34
93HJB3025	13	672375	6047630	44.84	41.01	14.15	16.99
93HJB3027	13	675745	6066770	32.67	39.61	27.71	18.46
93HJB3029	13	687925	6059825	50.26	36.92	12.83	36.59
93HJB3030	13	687925	6059825	48.56	44.27	7.17	17.71
93HJB3031	13	687925	6059825	48.89	34.54	16.57	16.10
93HJB3033	13	681660	6062957	60.60	25.92	13.47	20.16
93HJB3035	13	669997	6066623	67.41	29.01	3.58	20.87
93HJB3037	13	662620	6067920	64.39	31.72	3.89	18.32
93HJB3039	13	664771	6065074	75.75	20.13	4.13	18.49
93HJB3041	13	667068	6065209	62.52	32.72	4.76	14.42
93HJB3043	13	663929	6044071	61.22	31.12	7.66	15.23
93HJB3045	13	679930	6064545	70.93	26.12	2.95	34.90
93HJB3047	13	673300	6068505	62.12	29.33	8.55	11.47
93HJB3049	13	663753	6059788	71.08	25.21	3.70	28.36
93HJB3051	13	667901	6051776	65.15	24.66	10.19	36.54
93HJB3053	13	667652	6046404	56.85	33.18	9.98	29.89
93HJB3055	14	310890	6051625	49.53	37.97	12.50	18.25
93HJB3057	14	311820	6051785	47.27	27.31	25.42	39.27
93HJB3059	14	314530	6052595	59.05	33.47	7.48	38.33
93HJB3061	14	315615	6053575	59.26	32.86	7.88	24.57
93HJB3062	14	315615	6053575	51.93	31.65	16.41	29.47
93HJB3066	13	688600	6056590	54.65	37.72	7.63	30.40
93HJB4001	13	669625	6087900	55.34	31.09	13.56	18.98
93HJB4003	13	670850	6089275	68.44	28.80	2.76	18.73
93HJB4005	13	671000	6090775	55.87	37.65	6.48	28.01
93HJB4007	13	671475	6095950	58.13	36.24	5.62	17.53
93HJB4009	13	672975	6097400	49.39	38.24	12.37	19.71
93HJB4011	13	673925	6097750	83.29	7.42	9.28	26.49
93HJB4013	13	671000	6091775	59.37	37.94	2.69	12.84
93HJB4015	13	669725	6093550	30.88	42.08	27.04	18.40
93HJB4017	13	668625	6092775	59.91	33.94	6.16	28.79
93HJB4019	13	668250	6091000	72.94	24.55	2.50	32.32
93HJB4021	13	670825	6093550	58.31	36.57	5.12	14.46
93HJB4023	13	683125	6095400	47.53	47.93	4.54	10.89
93HJB4025	13	682750	6094400	53.35	43.28	3.37	9.74
93HJB4027	13	682525	6093175	67.30	26.74	5.96	27.17
93HJB4029	13	681750	6092050	89.31	8.17	2.52	27.92
93HJB4031	13	684975	6095375	28.03	62.01	9.95	4.43
93HJB4033	13	684050	6096650	56.91	35.20	7.89	21.72
93HJB4035	13	683125	6094000	22.91	67.95	9.14	4.52
93HJB4037	13	683125	6094000	35.27	58.77	5.97	17.57
93HJB4039	13	682875	6092100	34.76	58.20	7.04	17.94
93HJB4041	13	692150	6089600	52.87	42.62	4.51	25.24
93HJB4043	13	691750	6090650	36.08	60.31	3.61	21.31
93HJB4045	13	691650	6090625	41.07	49.47	9.47	10.34
93HJB4047	14	309225	6094900	22.71	66.62	10.68	5.30
93HJB4049	14	308200	6095700	34.61	60.52	4.86	18.85
93HJB4051	13	691450	6094075	33.44	62.30	4.26	2.23
93HJB4053	14	308275	6093300	45.04	47.69	7.26	30.67
93HJB4055	14	311800	6087350	51.18	42.21	6.62	23.34
93HJB4057	14	312075	6086075	38.90	55.74	5.36	18.53
93HJB4059	14	313400	6086050	72.14	21.77	6.09	40.00
93HJB4061	14	312225	6087350	58.87	34.97	6.16	43.00
93HJB4063	14	314800	6086600	70.71	25.06	4.23	31.78
93HJB4065	13	692450	6065725	51.88	44.95	3.16	19.69
93HJB4067	14	308850	6068325	68.92	28.56	2.52	12.60
93HJB4069	13	692900	6058925	62.98	32.86	4.16	20.20

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
93HJB4071	13	691850	6059950	67.43	26.18	6.39	37.53
93HJB4073	14	312100	6068500	69.28	27.19	3.53	6.81
93HJB4075	14	314950	6064100	65.37	29.51	5.12	46.28
93HJB4077	14	315700	6066975	58.87	34.66	6.47	32.67
93HJB4079	14	311400	6097410	62.82	35.10	2.08	16.58
93HJB4081	14	309550	6091700	51.30	45.47	3.23	16.50
93HJB4083	13	688000	6076350	69.80	28.37	1.83	23.34
93HJB4087	13	677775	6077000	64.78	29.17	6.04	22.76
93HJB4089	13	668525	6077510	60.29	34.53	5.18	41.53
93HJB4091	13	687723	6052595	64.26	31.74	4.00	16.93
93HJB4092	13	687723	6052595	58.12	27.89	13.99	17.40
93HJB4094	13	686022	6050386	51.19	40.60	8.21	19.76
93HJB4096	13	686703	6052604	59.59	29.14	11.27	34.73
93HJB4097	13	686703	6052604	61.07	30.21	8.72	22.15
93HJB4098	13	686703	6052604	68.37	26.49	5.14	39.18
93HJB4100	13	687634	6048225	52.79	37.41	9.79	11.45
93HJB4102	13	692600	6071350	78.58	15.77	5.65	34.06
93HJB4104	13	694075	6070700	66.15	27.11	6.74	44.90
93HJB4106	13	676625	6080850	41.96	49.74	8.30	31.92
93HJB4108	13	684350	6088650	50.67	42.83	6.50	22.35
93HJB4110	13	684875	6086800	45.78	50.86	3.36	14.02
93HJB4112	14	310400	6077725	57.56	34.72	7.72	20.42
93HJB4114	13	666167	6071924	67.48	25.53	6.99	23.25
93HJB4116	13	668473	6071873	58.95	33.29	7.76	13.81
93HJB4118	13	665165	6073803	76.22	19.99	3.79	32.17
93HJB4120	13	662532	6072998	55.47	33.85	10.67	29.54
93HJB4122	13	672872	6078513	56.24	32.87	10.89	32.45
93HJB4124	13	680746	6095448	63.55	32.38	4.07	27.63
93HJB4126	13	678031	6097936	62.54	34.43	3.03	19.77
93HJB4131	13	675783	6097475	60.73	33.41	5.87	14.20
93HJB4133	13	673925	6092250	52.07	41.50	6.44	10.20
93HJB4135	13	689200	6066900	53.16	38.93	7.91	30.76
93JC0001	13	638966	6082010	47.79	36.77	15.44	22.88
93JC0003	13	636744	6079511	57.13	40.87	2.00	12.43
93JC0005	13	638205	6079537	62.00	29.17	8.83	12.60
93JC0007	13	644960	6068731	56.47	32.02	11.51	10.14
93JC0009	13	645225	6070326	55.50	41.68	2.82	11.02
93JC0011	13	646400	6072701	64.86	24.44	10.70	21.04
93JC0013	13	646400	6072701	60.29	35.18	4.53	22.50
93JC0014	13	647000	6074440	51.35	41.33	7.32	8.54
93JC0016	13	652900	6063800	35.41	52.97	11.61	3.14
93JC0018	13	652450	6066591	54.87	40.18	4.95	23.52
93JC0019	13	652090	6069970	72.27	23.35	4.38	41.83
93JC0021	13	652950	6072090	35.78	54.47	9.75	6.64
93JC0023	13	655150	6075230	67.03	29.16	3.81	5.36
93JC0024	13	655150	6075230	84.49	14.67	0.84	31.25
93JC0026	13	655000	6075330	67.64	30.94	1.42	15.75
93JC0028	13	637945	6066401	71.88	23.75	4.37	21.69
93JC0030	13	640950	6060185	50.95	35.22	13.83	11.69
93JC0032	13	641250	6068203	50.69	24.33	24.98	24.25
93JC0034	13	644520	6065960	62.57	32.70	4.72	25.22
93JC0036	13	641540	6065830	68.97	26.06	4.97	27.25
93JC0038	13	643550	6062050	57.18	31.44	11.37	10.48
93JC0040	13	641860	6058265	60.07	23.52	16.41	18.44
93JC0042	13	659820	6094300	41.61	53.37	5.02	15.16
93JC0044	13	658550	6091550	55.94	36.03	8.03	12.43
93JC0046	13	658500	6087660	66.66	30.70	2.64	41.47
93JC0048	13	659845	6085700	29.45	65.47	5.08	8.77
93JC0049	13	659845	6085700	58.70	36.98	4.33	61.34

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
93JC0051	13	672880	6039812	57.57	31.06	11.37	13.57
93JC0053	13	675275	6041600	52.90	34.23	12.87	24.66
93JC0055	13	675225	6036880	41.48	52.14	6.38	5.24
93JC0056	13	675225	6036880	52.03	41.53	6.44	7.30
93JC0057	13	675225	6036880	40.76	32.38	26.86	28.68
93JC0059	13	677615	6038335	40.17	46.87	12.96	25.95
93JC0061	13	681985	6041348	46.69	41.82	11.49	20.50
93JC0063	13	679770	6034840	57.88	34.41	7.71	10.11
93JC0065	13	681560	6038525	61.33	27.67	11.01	23.58
93JC0067	13	693340	6036480	48.55	39.80	11.65	19.56
93JC0069	13	691095	6037435	35.48	50.61	13.91	16.06
93JC0071	13	690555	6041228	57.27	34.41	8.32	13.64
93JC0073	13	693720	6042430	42.02	40.32	17.66	29.28
93JC0075	14	308160	6042520	54.88	34.85	10.28	16.86
93JC0077	13	689644	6032454	49.48	39.48	11.03	22.16
93JC0079	13	688161	6035980	29.21	45.79	25.00	11.57
93MOB0001	14	432993	5983988	13.33	78.33	8.34	3.73
93MOB0002	14	432993	5983988	40.89	53.42	5.69	22.02
93MOB0003	14	438370	5989760	12.13	66.79	21.08	7.75
93MOB0004	14	442543	5997379	26.48	58.30	15.22	34.10
93MOB0006	14	458927	5996929	34.91	54.86	10.23	32.24
93MOB0008	14	452792	5995076	29.10	59.16	11.74	24.32
93MOB0010	14	452792	5995076	30.89	57.64	11.47	26.56
93MOB0011	14	450386	6007798	59.16	24.85	15.99	11.66
93MOB0016	14	396119	6010305	50.97	41.25	7.78	27.79
93MOB0017	14	396119	6010305	40.40	39.03	20.58	15.35
93MOB0021	14	392250	6003887	32.65	54.73	12.62	22.28
93MOB0023	14	350273	5989115	48.18	42.61	9.21	10.59
93MOB0026	14	349429	5992307	28.37	55.87	15.76	19.58
93MOB0028	14	347659	5997180	24.72	49.11	26.17	12.99
93MOB0029	14	347659	5997180	3.51	25.56	70.93	1.25
93MOB0031	14	383791	5994607	13.06	63.22	23.72	12.66
93MOB0033	14	346832	5999678	60.04	26.78	13.18	38.00
93MOB0035	14	339073	5998634	37.53	42.26	20.22	23.19
93MOB0037	14	350090	6002408	22.07	68.08	9.85	18.09
93MOB0039	14	349715	5997955	37.34	48.23	14.44	41.50
93MOB0041	14	352172	5999730	35.52	44.59	19.89	30.87
93MOB0043	14	351677	6001231	34.10	50.21	15.69	15.50
93MOB0045	14	353564	6010831	37.32	48.66	14.02	41.62
93MOB0047	14	351228	6011785	34.68	49.31	16.01	26.29
93MOB0049	14	346775	6012468	29.18	47.93	22.89	26.02
93MOB0051	14	343494	6010711	40.48	39.99	19.54	16.59
93MOB0052	14	345944	6003674	40.94	42.93	16.14	50.22
93MOB0054	14	337971	6007921	38.43	42.73	18.84	20.18
93MOB0056	14	345525	6011531	24.00	40.45	35.55	8.55
93MOB0057	14	345154	6011492	29.78	46.92	23.30	28.78
93MOB0059	14	345154	6011492	48.68	31.39	19.93	24.19
93MOB0068	14	355418	6015172	45.76	44.95	9.29	14.80
93MOB0070	14	360400	6018029	51.62	38.29	10.10	32.94
93MOB0072	14	346189	6012293	31.42	50.26	18.32	18.84
93MOB0073	14	346189	6012293	25.98	63.86	10.16	32.36
93MOB0074	14	346189	6012293	31.87	50.32	17.81	31.34
93MOB0075	14	346189	6012293	13.21	37.26	49.53	27.36
93MOB0076	14	346189	6012293	29.25	40.87	29.88	39.87
93MOB0077	14	348975	6014506	27.47	51.17	21.36	43.20
93MOB0079	14	345167	6016156	31.91	36.66	31.43	49.83
93MOB0081	14	343675	6018568	37.90	38.36	23.74	29.68
93MOB0083	14	340216	6020885	19.16	33.41	47.43	6.76
93MOB0085	14	340216	6020885	36.88	31.59	31.53	59.75

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
93MOB0085A	14	337740	6015299	31.81	39.69	28.50	16.87
93MOB0087	14	336625	6019200	32.62	26.66	40.72	19.97
93MOB0089	14	332250	6014800	40.64	38.85	20.51	40.48
93MOB0091	14	325600	6007000	25.06	40.07	34.87	45.71
93MOB0095	14	329850	6015925	39.85	40.89	19.27	36.52
93MOB0097	14	326300	6017125	34.76	41.96	23.28	17.92
93MOB0099	14	323025	6016300	34.02	45.94	20.04	53.71
93MOB0101	14	320350	6011775	38.44	45.02	16.53	52.95
93MOB0104	14	422514	5990266	31.83	54.20	13.97	13.25
93MOB0106	14	432235	6003552	30.02	55.71	14.27	18.10
93MOB0108	14	425935	6008204	33.14	52.29	14.57	18.00
93MOB0110	14	417700	6004128	28.83	52.61	18.55	30.80
93MOB0112	14	410823	6008534	28.71	54.15	17.14	19.66
93MOB0114	14	420329	6012190	30.45	50.05	19.51	10.95
93MOB0116	14	424981	6019970	50.91	36.75	12.33	11.71
93MOB0118	14	400204	6015621	47.11	43.43	9.45	11.03
93MOB0120	14	403085	6019729	65.54	30.57	3.89	5.93
93MOB0122	14	408017	6017403	36.69	47.68	15.63	25.50
93MOB0124	14	422328	6028546	37.46	52.15	10.39	34.65
93MOB0126	14	433355	6040607	40.31	45.95	13.74	17.96
93MOB0128	14	420837	6044984	33.71	40.14	26.14	10.34
93MOB0130	14	414432	6035019	29.81	53.48	16.72	14.81
93MOB0133	14	343199	6020885	33.44	33.21	33.35	11.29
93MOB0135	14	343834	6022027	37.06	31.41	31.53	15.10
93MOB0137	14	344899	6025552	40.11	44.24	15.66	27.11
93MOB0139	14	345886	6030351	46.20	37.21	16.58	16.16
93MOB0141	14	351284	6033325	31.60	38.84	29.56	16.40
93MOB0145	14	336000	6039250	51.18	38.47	10.35	22.57
93MOB0147	14	340166	6043064	67.06	24.77	8.17	22.69
93MOB0149	14	342439	6039720	65.03	27.95	7.02	13.73
93MOB0151	14	342439	6039720	48.52	41.20	10.28	25.90
93MOB0152	14	364591	6046852	56.79	32.28	10.93	25.32
93MOB0154	14	367003	6049815	43.92	47.14	8.94	11.64
93MOB0155	14	363058	6051702	59.50	33.43	7.07	26.97
93MOB0157	14	359629	6052761	67.30	28.01	4.70	24.84
93MOB0159	14	332500	6009700	42.34	37.36	20.30	22.71
93MOB0161	14	332500	6009700	26.74	31.38	41.88	10.39
93MOB0162	14	334650	6008375	39.84	40.38	19.78	22.76
93MOB0164	14	317275	6041425	29.43	53.77	16.80	20.03
93MOB0166	14	321650	6036875	40.09	47.89	12.02	17.08
93MOB0168	14	321650	6036875	43.86	46.02	10.12	14.75
93MOB0169	14	326150	6038350	44.96	30.07	24.97	15.06
93MOB0171	14	326150	6038350	50.83	37.64	11.53	37.31
93MOB0172	14	329125	6039825	45.58	41.23	13.19	9.15
93MOB0174	14	329125	6039825	50.64	29.88	19.47	15.05
93MOB0175	14	329125	6039825	53.32	31.30	15.38	25.74
93MOB0176	14	333950	6041950	40.73	41.41	17.86	31.41
93MOB0178	14	359650	6003680	27.17	59.19	13.64	14.40
93MOB0181	14	334000	5997600	39.46	40.01	20.53	13.33
93MOB0183	14	312750	6000000	45.94	39.54	14.52	53.38
93MOB0185	14	317250	5999750	38.49	46.16	15.35	33.87
93MOB0187	14	337900	6044770	58.70	33.05	8.25	25.52
93MOB0189	14	341041	6046092	49.75	40.11	10.14	22.45
93MOB0191	14	345607	6048055	29.20	55.78	15.02	36.72
93MOB0193	14	346364	6044034	57.43	31.58	10.99	25.51
93MOB0194	14	346364	6044034	55.30	33.37	11.34	20.24
93MOB0195	14	346364	6044034	55.03	33.94	11.03	44.21
93MOB0196	14	346364	6044034	55.88	33.32	10.80	36.86
93MOB0197	14	346364	6044034	54.39	33.98	11.63	27.90

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
93MOB0198	14	346364	6044034	56.40	32.90	10.70	23.46
93MOB0199	14	346364	6044034	52.38	36.34	11.28	24.68
93MOB0200	14	346364	6044034	52.95	36.50	10.55	28.73
93MOB0201	14	346364	6044034	55.15	39.54	5.31	23.43
93MOB0202	14	346364	6044034	56.65	32.13	11.22	24.97
93MOB0203	14	346364	6044034	54.29	31.99	13.72	20.68
93MOB0204	14	346364	6044034	60.49	32.64	6.87	25.95
93MOB0206	14	345801	6037727	52.23	36.57	11.20	21.05
93MOB0210	14	345515	6050997	67.39	26.34	6.26	20.72
93MOB0212	14	345980	6054883	19.91	49.70	30.39	10.68
93MOB0217	14	426688	6042763	39.54	40.73	19.73	28.51
93MOB0218	14	420216	6048319	64.73	25.76	9.51	33.27
93MOB0220	14	409950	6040600	54.83	36.61	8.56	25.99
93MOB0222	14	417241	6020531	41.55	47.30	11.15	4.14
93MOB0224	14	413632	6015077	42.33	46.23	11.45	19.41
93MOB0226	14	403022	6010425	13.66	69.98	16.36	37.02
93MOB0228	14	383977	6018524	20.01	62.09	17.89	17.94
93MOB0230	14	380844	6027465	47.93	37.07	14.99	42.18
93MOB0231A	14	391605	6044611	47.94	35.72	16.34	30.82
93MOB0231B	14	391605	6044611	48.49	34.00	17.51	21.91
93MOB0235	14	375463	6046365	61.03	35.43	3.54	54.88
93MOB0237	14	394309	6025265	44.17	44.65	11.18	9.00
93MOB0239	14	401278	6035643	60.01	31.23	8.76	23.51
93MOB0241	14	399519	6040423	61.09	34.10	4.81	17.72
93MOB0243	14	393750	6037063	40.98	51.96	7.06	20.46
93MOB0245	14	388124	6033688	29.25	57.59	13.15	11.08
93MOB0247	14	378984	6022046	36.96	46.99	16.06	26.48
93MOB0249	14	368447	6027346	21.54	62.68	15.78	14.11
93MOB0251	14	368558	6031608	31.28	48.65	20.08	16.88
93MOB0253	14	366449	6035161	29.00	49.16	21.84	24.51
93MOB0255	14	360721	6029788	32.34	48.49	19.17	21.03
93MOB0257	14	355281	6031697	15.49	43.75	40.76	3.50
93MOB0259	14	356424	6049639	60.83	31.25	7.92	17.56
93MOB0261	14	368035	6059110	52.84	37.33	9.83	12.41
93MOB0263	14	368154	6055975	67.90	27.44	4.66	18.25
93MOB0265	14	385188	6050824	38.17	53.17	8.66	21.06
93MOB1001	14	466768	5983546	20.43	53.83	25.74	12.29
93MOB1004	14	463849	5989061	37.17	52.29	10.53	8.19
93MOB1005	14	473218	5991160	26.16	56.85	17.00	26.73
93MOB1007	14	430725	5993414	31.74	55.57	12.68	29.71
93MOB1009	14	433389	5990911	35.74	51.88	12.39	15.76
93MOB1011	14	387594	5998382	47.64	38.23	14.14	22.90
93MOB1013	14	387576	5994777	40.09	43.41	16.50	26.90
93MOB1015	14	383034	5992036	43.45	45.62	10.93	27.18
93MOB1017	14	382780	5991765	40.33	47.94	11.72	20.83
93MOB1019	14	381705	5990377	27.13	57.88	14.99	22.06
93MOB1021	14	376739	5990126	30.18	54.56	15.27	25.79
93MOB1023	14	376979	5985562	59.69	25.85	14.45	28.56
93MOB1025	14	357977	5997269	34.19	54.35	11.45	7.76
93MOB1027	14	361841	5997849	37.82	47.78	14.40	23.67
93MOB1029	14	346106	6011208	23.55	51.85	24.61	19.35
93MOB1034	14	372835	5989725	35.70	49.44	14.86	28.28
93MOB1035	14	373188	5996324	35.67	51.18	13.15	23.06
93MOB1038	14	376826	6003505	29.94	54.43	15.63	25.25
93MOB1040	14	374455	6008735	29.67	51.93	18.40	22.75
93MOB1042	14	360588	6011721	47.89	40.22	11.89	17.39
93MOB1044	14	364477	6011360	88.40	3.85	7.75	6.70
93MOB1046	14	368788	6014733	54.86	32.85	12.29	25.55
93MOB1049	14	373389	6021737	25.00	53.41	21.59	26.31

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
93MOB1052	14	417533	5984711	28.19	54.89	16.92	29.81
93MOB1054	14	336500	6001025	39.69	38.47	21.84	28.38
93MOB1056	14	331175	6002025	69.93	8.32	21.75	44.15
93MOB1058	14	329525	6007000	23.67	25.01	51.32	34.47
93MOB1060	14	330475	6011100	38.40	40.05	21.55	18.45
93MOB1062	14	312850	6016400	54.11	32.43	13.46	47.62
93MOB1064	14	318225	6019150	24.17	51.78	24.05	35.03
93MOB1067	14	318175	6022675	11.74	74.00	14.26	29.68
93MOB1069	14	322375	6023400	38.96	49.71	11.34	24.40
93MOB1071	14	323850	6026150	56.60	30.89	12.50	35.54
93MOB1073	14	325350	6029150	59.42	27.68	12.90	19.59
93MOB1075	14	329050	6029450	42.17	42.91	14.92	25.04
93MOB1077	14	333125	6030000	57.22	25.63	17.15	28.92
93MOB1079	14	336850	6030450	48.87	31.73	19.41	15.53
93MOB1081	14	339448	6031756	32.25	45.83	21.92	24.36
93MOB1083	14	344397	6028479	48.58	37.10	14.32	17.43
93MOB1085	14	340501	6024716	38.21	27.42	34.37	9.89
93MOB1087	14	337050	6025850	24.87	32.27	42.85	14.34
93MOB1089	14	342670	6032676	42.23	41.32	16.45	23.85
93MOB1091	14	336800	6033750	35.72	44.72	19.56	9.66
93MOB1093	14	332075	6035875	41.64	29.23	29.12	15.00
93MOB1095	14	347869	6037760	45.53	39.22	15.25	17.82
93MOB1097	14	351403	6041952	41.32	39.99	18.69	12.87
93MOB1099	14	352396	6045382	55.03	37.47	7.50	16.65
93MOB1101	14	348162	6044956	38.14	49.33	12.53	29.05
93MOB1103	14	354005	6041786	42.64	50.04	7.32	18.25
93MOB1105	14	339580	6013874	42.99	38.21	18.80	24.77
93MOB1107	14	359999	6036185	42.47	35.06	22.47	37.13
93MOB1110	14	356916	6036540	55.22	35.89	8.89	15.77
93MOB1112	14	362238	6034544	39.47	44.03	16.50	11.35
93MOB1114	14	361063	6037516	30.86	51.21	17.93	17.06
93MOB1116	14	349377	6054138	54.76	37.32	7.92	20.76
93MOB1118	14	343863	6057884	66.72	32.22	1.06	35.52
93MOB1120	14	346376	6057140	73.91	20.69	5.39	24.15
93MOB1122	14	345701	6053882	58.80	38.01	3.19	13.74
93MOB1124	14	382815	6050328	54.72	35.07	10.21	15.41
93MOB1126	14	377783	6050380	59.76	31.92	8.32	32.08
93MOB1128	14	374915	6050719	60.65	34.79	4.56	47.46
93MOB1130	14	354682	6051974	36.66	47.83	15.51	17.41
93MOB1132	14	348516	6052021	68.98	22.60	8.41	37.84
93MOB1134	14	360061	6056393	56.99	38.30	4.72	24.46
93MOB1136	14	361988	6059887	60.97	34.07	4.95	24.64
93MOB1138	14	357642	6058185	56.97	33.08	9.95	47.76
93MOB1140	14	356776	6056154	52.38	38.95	8.67	20.74
93MOB1142	14	366436	6062653	61.65	30.24	8.11	16.77
93MOB1146	14	371776	6066649	79.44	17.96	2.60	33.24
93MOB1148	14	432400	6025063	30.92	20.45	48.62	16.95
93MOB1154	14	426036	6049054	49.89	37.42	12.68	19.53
93MOB1156	14	414283	6043903	63.07	30.92	6.01	31.94
93MOB1158	14	408060	6033130	43.63	41.49	14.87	20.50
93MOB1160	14	415637	6025143	54.41	36.86	8.72	17.13
93MOB1162	14	405331	6025544	42.73	48.08	9.19	9.35
93MOB1164	14	393413	6019512	38.88	48.66	12.46	25.93
93MOB1166	14	395679	6031035	53.17	31.91	14.92	21.29
93MOB1169	14	381828	6037599	51.17	41.52	7.31	21.79
93MOB1171	14	373273	6048503	50.79	43.39	5.82	23.15
93MOB1173	14	369301	6051172	62.31	29.97	7.73	19.99
93MOB1175	14	369246	6047354	53.59	41.55	4.86	23.05
93MOB1177	14	362584	6043229	42.53	47.52	9.95	22.54

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
93MOB1179	14	356007	6038092	45.48	38.98	15.53	22.48
93MOB1181	14	353568	6035875	47.97	34.92	17.11	10.36
93MOB1183	14	351173	6038114	58.27	30.32	11.41	14.01
93MOB1185	14	349909	6036407	49.66	37.67	12.67	7.93
94HJB0002	13	685500	6047000	32.34	62.88	4.78	15.00
94HJB0003	13	685500	6047000	65.89	20.17	13.94	22.03
94HJB0004	13	685500	6047000	58.09	27.25	14.66	35.95
94HJB0008	14	312106	6079750	46.17	46.69	7.14	17.93
94HJB0010	14	313800	6045800	58.49	34.00	7.51	22.16
94HJB0014	14	308985	6045900	50.86	34.41	14.73	24.89
94HJB0018	14	308351	6055125	34.57	59.44	5.99	12.40
94HJB0019	14	308351	6055125	37.66	48.78	13.57	21.09
94HJB0021	14	307806	6057029	70.19	21.83	7.98	15.04
94HJB0023	14	312625	6065616	57.56	35.82	6.62	10.86
94HJB0027	13	686375	6044225	60.15	33.47	6.38	15.93
94HJB0028	13	686375	6044225	54.98	35.45	9.58	17.94
94HJB0033	13	685600	6044950	61.38	32.68	5.93	13.49
94HJB0034	13	685600	6044950	62.56	31.33	6.11	30.44
94HJB0037	13	685600	6053350	37.31	37.60	25.09	30.22
94HJB0039	14	310250	6059425	67.25	29.73	3.03	30.25
94HJB0041	14	309000	6059300	50.85	45.06	4.09	22.87
94HJB0051	14	311670	6081425	58.14	37.89	3.97	35.43
94HJB0052	14	311100	6080650	67.50	27.38	5.12	26.78
94HJB0053	14	311100	6080650	65.80	30.22	3.98	30.25
94HJB0054	14	311100	6080650	59.18	29.08	11.74	17.10
94HJB0055	14	311100	6080650	55.30	34.09	10.62	26.99
94HJB0057	14	311100	6080650	57.31	29.77	12.92	31.51
94HJB0058	14	311470	6080450	50.46	27.99	21.55	28.13
94HJB0061	14	307775	6055200	51.45	30.69	17.86	16.97
94HJB0062	14	307775	6055200	52.58	37.68	9.74	21.27
94HJB0063	14	307775	6055200	41.86	48.58	9.56	19.76
94HJB0064	14	307100	6053850	51.86	41.39	6.75	18.11
94HJB0065	14	307100	6053850	63.19	30.44	6.37	17.04
94HJB0066	14	306550	6053025	47.61	41.43	10.96	16.35
94HJB0067	13	693500	6053125	43.99	42.14	13.87	33.99
94HJB0069	14	306275	6053700	53.77	36.37	9.86	14.95
94JEC0001	13	630025	6117425	60.87	33.21	5.92	22.64
94JEC0003	13	629020	6119415	63.59	30.85	5.57	26.40
94JEC0005	13	627500	6115910	61.03	31.88	7.08	35.59
94JEC0007	13	628615	6114125	58.10	35.70	6.20	8.87
94JEC0009	13	630460	6115715	62.75	32.90	4.35	34.87
94JEC0011	13	627625	6110150	44.95	44.53	10.51	7.21
94JEC0013	13	627810	6107325	33.82	58.45	7.73	19.71
94JEC0015	13	630175	6110525	54.78	38.43	6.78	17.82
94JEC0017	13	631985	6112420	50.99	33.51	15.50	16.34
94JEC0019	13	639710	6113200	49.32	33.93	16.75	14.63
94JEC0021	13	640960	6116365	54.54	36.87	8.59	20.30
94JEC0023	13	638875	6117080	49.13	45.74	5.14	13.62
94JEC0024	13	638875	6117080	66.33	27.61	6.06	13.68
94JEC0027	13	638220	6119060	53.21	36.80	9.99	15.08
94JEC0029	13	636000	6118910	50.20	17.77	32.03	44.81
94JEC0031	13	637710	6116045	46.80	44.43	8.78	27.08
94JEC0033	13	641150	6111325	56.23	34.63	9.13	19.64
94JEC0035	13	643850	6108310	50.61	43.05	6.33	21.53
94JEC0037	13	645110	6105885	51.99	40.59	7.43	17.75
94JEC0039	13	641125	6106920	49.65	47.63	2.73	20.40
94JEC0041	13	639000	6109250	74.45	23.31	2.25	31.75
94JEC0043	13	641750	6101330	58.85	34.13	7.02	32.21
94JEC0045	13	641400	6104125	57.41	10.25	32.35	19.45

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
94JEC0047	13	646275	6103850	58.98	35.39	5.63	11.41
94JEC0049	13	647900	6101460	68.02	27.43	4.55	32.78
94JEC0051	13	648010	6100020	73.13	24.71	2.16	20.40
94JEC0053	13	645675	6101200	29.61	64.53	5.85	14.10
94JEC0055	13	646390	6098900	68.52	25.54	5.94	23.21
94JEC0057	13	644650	6099100	78.68	19.45	1.87	29.21
94JEC0059	13	644960	6096260	65.54	29.63	4.83	28.50
94JEC0061	14	389160	6030267	36.64	48.63	14.73	32.70
94JEC0063	14	319604	6028863	24.08	57.74	18.19	18.51
94JEC0065	14	305566	6016099	43.49	40.13	16.38	34.15
94JEC0067	14	305566	6016099	11.50	29.19	59.31	7.36
94JEC0068	14	305075	6011354	34.52	46.33	19.15	25.43
94JEC0070	14	318100	6004703	9.03	30.15	60.82	18.05
94JEC0072	14	324250	6000300	16.16	34.75	49.08	8.67
94JEC0074	14	322750	5992150	32.97	53.38	13.64	27.86
94JEC0076	14	305595	5989606	54.71	32.38	12.91	38.08
94JEC0077	14	305595	5989606	9.90	23.67	66.44	4.11
94JEC0079	13	695260	5999576	43.75	36.99	19.25	18.79
94JEC0082	13	683482	5997608	35.84	44.70	19.46	16.31
94JEC0084	13	673443	6009689	13.30	24.32	62.38	9.68
94JEC0086	13	685366	6029712	45.63	46.03	8.34	11.18
94JEC0088	13	668563	6033331	60.67	34.80	4.53	19.95
94JEC0090	13	649568	6016709	48.18	31.82	20.00	26.26
94JEC0092	13	657675	6009927	36.19	38.00	25.81	41.19
94JEC0095	13	663407	5998092	27.55	44.05	28.41	33.31
94JEC0097	13	654063	6031582	40.89	49.14	9.97	3.35
94JEC0099	13	639291	6030860	54.41	29.21	16.39	21.54
94JEC0101	13	635330	6025081	28.58	47.00	24.42	24.24
94JEC0103	13	632263	6019920	53.19	38.36	8.45	24.26
94JEC0105	13	643994	6006849	46.50	39.48	14.02	17.54
94JEC0107	13	649912	5995531	56.77	35.27	7.95	15.66
94JEC0109	13	679205	6031137	43.66	28.76	27.58	22.50
94MOB0003	14	346364	6044034	52.29	34.48	13.23	20.08
94MOB0004	14	346364	6044034	52.69	34.87	12.44	15.62
94MOB0005	14	346364	6044034	53.78	34.24	11.99	15.99
94MOB0006	14	346364	6044034	57.71	31.70	10.59	15.29
94MOB0007	14	346364	6044034	55.28	32.92	11.79	16.51
94MOB0008	14	346364	6044034	59.88	30.22	9.90	17.47
94MOB0009	14	346364	6044034	55.96	33.04	11.00	22.70
94MOB0010	14	346364	6044034	57.49	33.38	9.13	26.25
94MOB0011	14	346364	6044034	56.19	29.50	14.31	22.46
94MOB0012	14	346364	6044034	54.87	31.57	13.56	17.23
94MOB0013	14	346364	6044034	64.85	28.68	6.47	31.19
94MOB0014	14	346376	6057140	69.13	25.37	5.50	20.27
94MOB0015	14	346376	6057140	70.94	21.07	8.00	18.40
94MOB0016	14	346376	6057140	58.05	40.65	1.30	24.81
94MOB0017	14	346376	6057140	58.30	40.62	1.08	22.25
94MOB0018	14	341700	6058450	23.23	61.31	15.46	4.26
94MOB0019	14	341700	6058450	72.06	20.75	7.19	32.83
94MOB0021	14	329435	6062695	22.17	65.97	11.86	13.02
94MOB0023	14	327902	6053304	23.31	55.97	20.72	30.71
94MOB0025	14	330266	6055471	31.77	55.97	12.26	18.24
94MOB0027	14	331190	6057398	64.83	27.66	7.51	10.55
94MOB0029	14	329543	6057665	56.46	29.48	14.06	36.70
94MOB0033	14	321482	6055495	40.19	53.63	6.18	5.55
94MOB0035	14	322829	6056896	63.41	29.39	7.20	27.98
94MOB0037	14	324080	6059044	59.61	32.03	8.36	19.99
94MOB0039	14	325814	6060277	44.94	49.65	5.42	13.78
94MOB0041	14	322960	6001967	23.76	73.10	3.14	12.38

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm sand	< 2 mm silt	< 2 mm clay	> 2 mm
94MOB0043	14	325254	6052253	67.76	28.26	3.97	9.24
94MOB0045	14	324487	6054263	33.23	57.39	9.38	26.32
94MOB0047	14	327049	6058806	28.27	49.79	21.94	39.72
94MOB0049	14	332957	6052582	63.85	30.96	5.19	25.41
94MOB0052	14	335230	6057295	75.73	19.85	4.41	48.14
94MOB0054	14	337189	6059359	13.05	66.97	19.98	8.54
94MOB0056	14	337262	6069350	77.80	20.36	1.84	44.92
94MOB0058	14	335854	6067049	84.24	13.84	1.91	34.31
94MOB0060	14	337030	6063417	30.99	56.50	12.51	9.48
94MOB0062	14	339531	6060667	28.62	62.90	8.48	7.03
94MOB0064	14	339607	6059272	68.78	27.01	4.21	43.47
94MOB0066	14	340042	6058391	74.30	22.25	3.45	26.40
94MOB0068	14	339070	6059291	65.78	28.83	5.40	23.55
94MOB0070	14	319987	6047693	54.12	27.46	18.42	33.42
94MOB0072	14	321060	6049353	59.61	31.55	8.84	4.44
94MOB0074	14	324970	6049541	58.55	29.65	11.80	24.18
94MOB0076	14	325919	6048515	51.18	34.72	14.11	18.30
94MOB0078	14	327941	6050604	43.74	36.22	20.04	11.77
94MOB0080	14	317960	6049198	37.77	44.39	17.84	19.21
94MOB0082	14	316351	6050315	56.30	26.44	17.26	28.60
94MOB0084	14	317960	6049198	54.15	37.85	8.00	26.22
94MOB0085	14	318053	6051515	43.35	40.35	16.31	14.29
94MOB0087	14	318053	6051515	47.24	42.37	10.40	15.88
94MOB0089	14	315369	6048714	49.64	33.90	16.46	11.03
94MOB0091	14	317913	6047559	18.03	42.47	39.49	0.06
94MOB0093	14	318302	6044697	15.35	34.48	50.18	17.78
94MOB0095	14	323271	6044687	36.39	40.82	22.79	16.62
94MOB0097	14	321005	6042919	21.89	38.30	39.82	13.50
94MOB0099	14	321121	6039913	37.05	43.64	19.31	17.49
94MOB0101	14	323995	6038749	27.64	41.45	30.91	5.50
94MOB0103	14	326906	6041360	49.69	39.51	10.80	23.69
94MOB0105	14	333504	6045446	54.51	33.53	11.96	27.56
94MOB0107	14	338534	6048265	42.42	49.93	7.65	23.97
94MOB0109	14	332355	6059628	72.46	24.98	2.56	18.04
94MOB0111	14	332225	6058550	65.92	30.54	3.53	17.46
94MOB0113	14	367456	6045691	48.84	41.09	10.07	25.63
94MOB0115	14	396575	6058046	60.99	29.94	9.06	43.38
94MOB0117	14	397692	6055918	57.28	38.59	4.13	35.71
94MOB0119	14	394770	6052089	37.09	57.76	5.14	16.21
94MOB0121	14	399882	6054354	28.57	58.50	12.93	11.06
94MOB0123	14	403379	6052640	27.10	48.50	24.40	8.24
94MOB0125	14	358203	6040186	48.06	38.03	13.91	19.09
94MOB0127	14	431255	6061530	26.28	47.78	25.94	3.72
94MOB0129	14	432449	6065963	60.76	29.59	9.64	18.81
94MOB0131	14	428408	6060430	62.62	25.16	12.21	17.13
94MOB0133	14	424303	6055921	35.65	55.29	9.05	28.56
94MOB0135	14	415676	6064452	42.08	39.47	18.44	8.14
94MOB0137	14	412909	6067596	33.59	58.84	7.57	7.22
94MOB0139	14	411369	6061072	21.48	48.54	29.98	11.18
94MOB0141	14	399959	6066752	37.29	58.40	4.31	9.50
94MOB0143	14	392790	6060948	83.17	10.75	6.08	56.92
94MOB0145	14	390152	6054116	25.46	63.45	11.09	16.30
94MOB0147	14	385914	6063961	45.26	50.98	3.75	29.64
94MOB0149	14	382327	6062352	60.68	34.68	4.64	14.81
94MOB0151	14	363892	6058168	67.56	28.94	3.50	19.43
94MOB0153	14	360393	6062760	73.33	17.86	8.81	17.05
94MOB0155	14	363738	6067328	58.76	26.25	14.99	28.67
94MOB0157	14	367152	6067196	47.36	48.58	4.06	15.21
94MOB0159	14	353032	6062312	52.56	44.41	3.03	12.26

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
94MOB0161	14	352304	6058686	53.40	43.71	2.90	32.73
94MOB0163	14	355163	6069513	57.57	32.57	9.86	19.28
94MOB0165	14	363867	6072799	68.75	28.58	2.67	12.67
94MOB0167	14	367904	6075122	62.18	34.48	3.34	11.22
94MOB0169	14	396119	6010305	44.84	47.31	7.85	16.51
94MOB0170	14	396119	6010305	55.90	36.94	7.16	16.33
94MOB0170	14	396119	6010305	55.90	36.94	7.16	14.21
94MOB0171	14	396119	6010305	44.53	46.40	9.07	11.09
94MOB0172	14	396119	6010305	43.64	47.08	9.28	23.62
94MOB0173	14	396119	6010305	45.00	45.75	9.25	23.07
94MOB0174	14	396119	6010305	48.45	43.15	8.40	22.21
94MOB0175	14	396119	6010305	39.61	49.88	10.52	28.72
94MOB0176	14	396119	6010305	32.18	56.02	11.80	20.26
94MOB0177	14	396119	6010305	32.10	54.34	13.57	17.60
94MOB0178	14	396119	6010305	41.49	47.29	11.22	24.40
94MOB0179	14	396119	6010305	37.59	50.45	11.96	26.24
94MOB0180	14	396119	6010305	39.55	47.76	12.69	25.07
94MOB0181	14	396119	6010305	40.18	46.25	13.58	14.21
94MOB0182	14	396119	6010305	35.23	49.99	14.78	15.24
94MOB0183	14	396119	6010305	34.37	50.30	15.32	27.42
94MOB0184	14	396119	6010305	35.56	54.15	10.29	23.86
94MOB0185	14	331092	6059922	26.86	70.85	2.30	3.36
94MOB0186	14	327426	6063495	75.00	22.13	2.87	28.52
94MOB0188	14	328507	6066487	40.76	54.92	4.32	26.73
94MOB0190	14	329474	6069792	48.86	44.39	6.76	15.14
94MOB0192	14	347476	6066023	59.26	33.03	7.70	19.62
94MOB0194	14	356062	6065184	59.48	26.12	14.40	23.25
94MOB0196	14	351846	6067672	46.34	40.84	12.82	13.74
94MOB0200	14	351416	6076905	58.52	37.21	4.27	18.31
94MOB0202	14	356252	6074489	75.39	22.92	1.69	12.54
94MOB0246	14	320049	6034199	23.12	60.69	16.18	12.77
94MOB0248	14	313667	6027275	21.74	38.62	39.64	10.27
94MOB0249	14	313667	6027275	34.72	47.30	17.99	12.55
94MOB0251	14	308569	6021172	30.91	27.16	41.93	8.46
94MOB0253	14	309340	6006131	43.27	38.89	17.85	18.38
94MOB0255	14	308809	5995940	22.34	40.28	37.38	27.50
94MOB0257	14	314646	5995826	33.37	46.94	19.69	21.01
94MOB0261	13	696036	5994564	40.34	42.30	17.36	37.50
94MOB0263	13	685828	5988542	34.92	49.49	15.59	23.87
94MOB0265	13	684094	6005059	29.08	19.21	51.72	18.54
94MOB0267	13	676437	6002532	36.23	42.56	21.21	30.06
94MOB0269	14	307854	6028723	36.18	46.87	16.95	20.70
94MOB0271	14	307854	6028723	34.77	41.85	23.39	17.52
94MOB0272	13	669396	6026432	29.31	29.27	41.42	15.91
94MOB0274	13	674103	6023359	30.32	55.02	14.67	24.27
94MOB0276	13	668239	6007176	34.72	44.94	20.33	27.01
94MOB0278	13	671761	5992455	33.18	44.21	22.61	20.16
94MOB0281	13	650988	6001536	38.78	44.42	16.80	14.62
94MOB0283	13	657696	6039254	40.16	35.01	24.84	23.58
94MOB0285	13	643381	6037359	49.53	38.81	11.66	12.94
94MOB0287	13	632785	6031223	62.36	34.28	3.37	36.99
94MOB0289	13	640262	6011466	55.37	37.87	6.76	20.20
94MOB0291	13	634430	6003313	38.22	45.90	15.88	13.74
94MOB0293	13	642858	5998989	35.88	47.02	17.09	17.56
94MOB0295	13	667900	6017435	39.64	49.10	11.26	27.01
94MOB0297	14	310417	6036910	47.50	36.04	16.46	16.57
94MOB0299	14	310417	6036910	30.61	41.10	28.30	12.55
94MOB0300	13	688194	6021564	34.55	53.89	11.56	32.59
94MOB0302	13	690765	6014986	42.26	45.40	12.34	20.67

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
94MOB0305	13	652458	6026146	60.32	33.19	6.49	28.46
94MOB0307	13	640611	6020756	57.36	31.91	10.73	12.09
94MOB0309	13	648250	6023873	64.57	28.11	7.32	14.80
94MOB0311	13	662300	6040000	50.90	37.65	11.45	19.86
94MOB0313	13	660246	6047170	71.93	22.12	5.96	14.28
94MOB0315	13	652354	6047611	63.81	26.67	9.53	12.93
94MOB0317	13	639321	6042862	33.18	48.56	18.26	10.55
94MOB0319	13	640786	6047269	46.03	40.66	13.31	14.51
94MOB0321	13	630962	6043820	63.10	27.65	9.25	19.77
94MOB0323	13	631346	6037986	35.95	40.79	23.26	11.05
94MOB0325	13	633126	6049760	60.72	28.99	10.29	18.98
94MOB0327	14	351971	6001502	40.05	46.59	13.36	33.17
94MOB0328	14	351859	6001413	37.09	50.20	12.71	36.50
94MOB0329	14	351859	6001413	38.47	49.09	12.44	28.10
94MOB0330	14	351709	6001263	36.55	49.19	14.26	26.52
94MOB0331	14	351709	6001263	39.88	47.20	12.92	22.16
94MOB0332	14	351245	6000938	19.36	52.21	28.43	14.74
94MOB0335	14	345154	6011492	38.97	40.50	20.53	17.52
94MOB0336	14	345154	6011492	42.00	33.51	24.49	20.53
94MOB0338	14	345525	6011531	20.23	48.14	31.62	27.52
94MOB0340	14	345154	6011492	36.19	43.43	20.38	29.11
94MOB0341	14	345154	6011492	35.16	44.36	20.48	20.87
94MOB0344	14	345154	6011492	50.95	31.69	17.36	22.17
94MOB0345	14	345154	6011492	57.69	30.05	12.26	27.69
94MOB0346	14	345154	6011492	37.26	31.64	31.10	30.66
94MOB0347	14	345154	6011492	55.78	27.41	16.80	19.83
94MOB0348	14	344400	6011400	44.54	39.17	16.30	32.78
94MOB1000	14	331357	6063662	41.03	22.39	36.58	54.62
94MOB1002	14	329693	6064879	46.38	50.53	3.09	30.40
94MOB1004	14	330937	6066967	64.24	29.33	6.43	21.31
94MOB1006	14	332518	6068536	57.75	33.91	8.34	34.65
94MOB1008	14	332238	6069839	62.67	33.75	3.58	19.69
94MOB1010	14	330650	6069102	56.46	37.46	6.08	21.85
94MOB1012	14	333284	6054643	59.30	30.82	9.88	27.18
94MOB1014	14	335003	6050558	63.12	29.57	7.31	25.64
94MOB1017	14	337791	6051633	63.83	29.49	6.68	11.43
94MOB1019	14	330716	6052232	58.64	26.44	14.92	31.43
94MOB1023	14	338282	6061856	27.46	64.02	8.53	13.11
94MOB1025	14	342683	6063124	33.61	62.54	3.85	13.69
94MOB1027	14	330716	6052232	55.39	29.87	14.73	31.52
94MOB1028	14	330716	6052232	56.42	31.62	11.96	33.04
94MOB1029	14	330716	6052232	65.04	22.27	12.70	30.09
94MOB1030	14	330716	6052232	58.75	23.10	18.14	31.89
94MOB1031	14	330716	6052232	24.27	43.34	32.39	10.15
94MOB1032	14	330716	6052232	48.18	42.01	9.80	22.62
94MOB1033	14	330716	6052232	64.33	29.85	5.82	29.17
94MOB1034	14	330716	6052232	65.95	27.25	6.80	36.50
94MOB1034b	14	330716	6052232	67.44	22.77	9.79	30.69
94MOB1035	14	341811	6053038	49.32	36.77	13.90	26.26
94MOB1037	14	343656	6052882	56.79	36.43	6.78	33.14
94MOB1039	14	343123	6048878	68.19	24.59	7.23	13.68
94MOB1041	14	339491	6049902	52.82	33.06	14.12	27.79
94MOB1045	14	413033	6054454	65.69	26.04	8.27	23.57
94MOB1047	14	417193	6056386	58.82	34.73	6.45	23.06
94MOB1049	14	417981	6058288	61.23	33.82	4.95	41.04
94MOB1052	14	414489	6059404	50.64	44.48	4.88	13.37
94MOB1054	14	411088	6057738	55.37	30.76	13.87	21.70
94MOB1054	14	411088	6057738	55.37	30.76	13.87	12.47
94MOB1056	14	409296	6054187	31.78	61.47	6.76	6.63

Appendix IX: Grain size distribution

Sample Number	UTM Zone	Easting	Northing	< 2 mm			> 2 mm
				sand	silt	clay	
94MOB1058	14	406195	6057775	61.02	31.81	7.17	45.84
94MOB1060	14	405872	6062048	61.78	29.86	8.36	28.09
94MOB1062	14	402475	6063976	18.32	77.41	4.27	6.80
94MOB1064	14	399616	6060173	14.23	58.73	27.03	7.67
94MOB1065	14	399616	6060173	53.20	38.84	7.96	14.03
94MOB1067	14	333148	6058763	29.71	24.91	45.38	12.05
94MOB1069	14	330667	6061021	39.69	49.37	10.94	31.09
94MOB1073	14	324091	6067616	79.46	17.28	3.26	31.61
94MOB1075	14	322273	6064654	63.50	22.26	14.24	55.46
94MOB1077	14	323358	6063993	63.08	30.90	6.03	13.00
94MOB1079	14	325154	6063614	48.32	45.89	5.79	26.05
94MOB1081	14	321421	6062614	35.29	53.93	10.78	6.22
94MOB1083	14	320945	6060096	42.49	47.19	10.32	10.51
94MOB1085	14	316425	6060122	53.73	34.09	12.18	11.41
94MOB1087	14	315991	6058283	56.34	34.50	9.16	29.16
94MOB1089	14	318355	6056795	58.48	30.55	10.97	31.28
94MOB1091	14	318914	6059558	30.11	46.27	23.63	6.50
94MOB1093	14	318754	6062287	43.02	22.45	34.53	24.29
94MOB1095	14	342966	6060949	52.34	34.83	12.84	10.68
94MOB1097	14	341965	6060025	61.76	29.41	8.83	27.02
94MOB1099	14	337544	6057768	53.51	36.33	10.15	21.19
94MOB1101	14	316827	6070040	63.83	31.60	4.57	13.87
94MOB1104	14	318793	6066835	60.57	31.65	7.78	32.47
94MOB1106	14	318297	6069207	58.50	37.44	4.05	26.99
94MOB1108	14	321607	6057315	62.52	20.11	17.38	21.72
94MOB1110	14	322364	6060597	52.94	25.76	21.30	31.65
94MOB1112	14	322364	6060597	57.54	29.38	13.08	9.73
94MOB1115	14	327577	6068410	62.81	29.58	7.61	12.75
94MOB1117	14	336217	6061250	69.37	25.86	4.78	29.24
94MOB1119	14	320970	6069317	52.69	32.62	14.69	16.38
94MOB1121	14	322984	6070011	64.90	20.59	14.51	17.56
94MOB1123	14	321757	6064303	81.19	16.26	2.55	34.63
94MOB1124	14	321048	6066312	57.12	34.46	8.42	20.67
94MOB1126	14	318506	6069941	73.83	23.14	3.03	50.44
95MOB001	13	636348	6099574	77.75	19.93	2.31	22.74
95MOB003	13	631772	6096920	53.35	31.54	15.11	0.00
95MOB005	13	633883	6094193	43.15	49.79	7.07	15.06
95MOB007	13	637534	6089838	24.39	29.32	46.29	6.81
95MOB009	13	630084	6091687	59.14	25.45	15.41	9.54
95MOB011	13	629705	6085409	62.74	29.26	8.00	14.46
95MOB014	13	633337	6083469	62.17	31.83	6.00	16.64
95MOB016	13	659550	6078850	98.74	0.50	0.76	0.00
95MOB018	13	688339	6101944	60.93	35.90	3.17	31.95
95MOB020	13	672507	6101531	40.93	15.88	43.20	0.00
95MOB022	13	672048	6110862	61.78	31.18	7.04	23.18
95MOB024	13	676182	6117037	68.26	24.17	7.57	27.63
95MOB026	13	671883	6123143	32.95	43.84	23.21	22.37
95MOB028	13	685129	6122932	69.09	27.20	3.71	29.87
95MOB030	13	658728	6121993	57.13	39.94	2.93	22.25
95MOB032	13	661254	6114547	75.61	20.95	3.44	37.02
95MOB034	13	656767	6103940	33.30	55.52	11.19	10.36
95MOB036	13	631718	6076437	36.68	44.44	18.89	5.28
95MOB038	13	630451	6057854	67.61	23.66	8.73	7.16
95MOB040	13	635600	6055150	44.90	45.40	9.69	10.33

APPENDIX X. Analytical Quality Control

Results of humus and till geochemical analysis of duplicate samples and GSC laboratory standards

1) Duplicate samples

Humus geochemistry

Sample Number		Ag (ppm)			Al (%)			As (ppm)			Ba (ppm)			Bi (ppm)			Ca (%)			Cd (ppm)			Co (ppm)			Cr (ppm)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0001h	Duplicate-1	2.4	2.5	2.04	0.19	0.22	7.32	57	54	2.70	203	212	2.17	2.5	6	41.18	1.45	1.57	3.97	44.1	48.9	5.16	14	15	3.45	16	11	18.52
91MOB0010h	Duplicate-2																											
91MOB0012h	Duplicate-3	0.1	0.2	33.33	0.36	0.41	6.49	10	7	17.65	49	58	8.41	2.5	2.5	0.00	3.53	3.93	5.36	0.1	0.2	33.33	0.5	0.5	0.00	19	22	7.32
91MOB0027h	Duplicate-4																											
92JC0002	93PL0056	0.4	0.8	33.33	2.38	2.11	6.01	1	1	0.00	470	440	3.30	1	1	0.00	0.52	0.53	0.95	0.5	0.5	0.00	95	89	3.26	107	96	5.42
92MOB0030	93PL0057	0.1	0.1	0.00	2.19	1.96	5.54	4	8	33.33	190	180	2.70	1	4	60.00	4.67	4.12	6.26	1.0	0.5	33.33	11	11	0.00	50	47	3.09
92MOB0059	93PL0058	0.1	0.1	0.00	1.66	1.62	1.22	1	8	77.78	110	100	4.76	1	2	33.33	0.56	0.53	2.75	0.3	0.3	0.00	14	13	3.70	28	29	1.75
92MOB0077	93PL0059	0.4	0.2	33.33	4.07	3.81	3.30	14	12	7.69	230	220	2.22	1	4	60.00	1.66	1.56	3.11	0.3	0.5	33.33	18	20	5.26	90	88	1.12
92MOB1026	93PL0060	0.1	0.1	0.00	0.34	0.34	0.00	6	1	71.43	60	60	0.00	1	1	0.00	1.15	1.07	3.60	1.0	1.0	0.00	2	3	20.00	7	7	0.00
92MOB1075	93PL0063	0.2	0.1	33.33	1.33	1.27	2.31	1	8	77.78	160	160	0.00	1	2	33.33	3.79	3.46	4.55	0.5	0.5	0.00	7	8	6.67	27	29	3.57
92MOB1090	93PL0064	0.2	0.1	33.33	0.90	1.04	7.22	2	4	33.33	90	100	5.26	1	2	33.33	3.79	4.00	2.70	0.5	0.5	0.00	7	8	6.67	24	26	4.00
92EL039h	93PL0127	0.1	0.1	0.00	0.19	0.19	0.00	1	1	0.00	120	130	4.00	1	1	0.00	0.33	0.36	4.35	1.0	1.5	20.00	1	2	33.33	9	7	12.50
92EL047h	93PL0128	0.1	0.1	0.00	0.37	0.39	2.63	6	4	20.00	160	170	3.03	1	1	0.00	0.64	0.70	4.48	0.5	1.0	33.33	1	2	33.33	7	10	17.65
92EL059h	93PL0129	0.1	0.1	0.00	0.31	0.32	1.59	1	2	33.33	300	340	6.25	1	1	0.00	1.82	1.96	3.70	1.0	1.0	0.00	17	19	5.56	12	10	9.09
92EL092h	93PL0130	0.1	0.1	0.00	0.26	0.36	16.13	6	4	20.00	100	110	4.76	1	1	0.00	0.74	0.86	7.50	1.5	1.5	0.00	1	1	0.00	8	9	5.88
92EL099h	93PL0131	0.1	0.1	0.00	0.34	0.29	7.94	4	2	33.33	270	260	1.89	1	1	0.00	1.94	1.92	0.52	2.0	2.0	0.00	3	3	0.00	12	10	9.09
92EL149h	93PL0133	0.1	0.1	0.00	0.36	0.36	0.00	1	4	60.00	290	290	0.00	1	1	0.00	3.10	3.08	0.32	1.5	1.5	0.00	7	6	7.69	9	9	0.00
93MOB0109	93PL0232	0.1	0.1	0.00	1.83	1.97	3.68	1	1	0.00	160	180	5.88	1	1	0.00	0.60	0.63	2.44	0.5	0.5	0.00	6	6	0.00	35	33	2.94
93MOB0213	93PL0233	0.1	0.1	0.00	0.26	0.27	1.89	1	1	0.00	50	60	9.09	1	1	0.00	5.28	5.10	1.73	0.5	0.5	0.00	6	6	0.00	12	10	9.09
93MOB1084	93PL0234	0.1	0.6	71.43	1.09	1.13	1.80	1	2	33.33	120	120	0.00	1	1	0.00	3.54	3.45	1.29	0.3	0.3	0.00	1	1	0.00	24	22	4.35
93MOB1135	93PL0235	0.1	0.1	0.00	0.53	0.53	0.00	1	1	0.00	460	490	3.16	1	1	0.00	1.10	1.22	5.17	2.5	3.0	9.09	6	7	7.69	19	19	0.00
93MOB1159	93PL0236	0.1	0.1	0.00	0.47	0.49	2.08	2	1	33.33	40	40	0.00	1	1	0.00	2.89	2.36	10.10	0.5	0.5	0.00	0.5	1	33.33	13	9	18.18
93JC0033	93PL0238	0.1	0.2	33.33	0.78	0.85	4.29	2	2	0.00	150	160	3.23	1	1	0.00	0.26	0.28	3.70	0.5	1.0	33.33	8	7	6.67	17	13	13.33
93NA001h	93PL0239	0.1	0.1	0.00	0.66	0.72	4.35	4	6	20.00	130	150	7.14	1	1	0.00	0.58	0.65	5.69	1.5	1.5	0.00	6	9	20.00	21	17	10.53
93NA026h	93PL0240	0.1	0.1	0.00	0.67	0.54	10.74	12	12	0.00	60	60	0.00	1	1	0.00	0.27	0.24	5.88	1.0	0.5	33.33	1	1	0.00	16	12	14.29
93NA062h	93PL0241	0.1	0.1	0.00	0.55	0.53	1.85	2	1	33.33	130	120	4.00	1	1	0.00	0.26	0.27	1.89	1.0	1.0	0.00	1	3	50.00	9	7	12.50
93NA089h	93PL0242	0.1	0.1	0.00	0.71	0.70	0.71	4	1	60.00	40	40	0.00	1	1	0.00	0.10	0.11	4.76	0.5	1.0	33.33	1	1	0.00	12	11	4.35
93NA100h	93PL0243	0.1	0.1	0.00	0.23	0.22	2.22	4	4	0.00	80	70	6.67	1	1	0.00	0.22	0.21	2.33	1.5	1.0	20.00	2	1	33.33	7	6	7.69
93NA120h	93PL0244	0.2	0.1	33.33	0.27	0.31	6.90	1	6	71.43	100	100	0.00	1	1	0.00	0.29	0.32	4.92	1.5	1.5	0.00	0.5	1	33.33	9	9	0.00
93NA136h	93PL0246	0.1	0.1	0.00	0.25	0.25	0.00	1	1	0.00	90	80	5.88	1	1	0.00	0.27	0.25	3.85	1.5	1.5	0.00	1	1	0.00	7	9	12.50
93NA147h	93PL0247	0.1	0.1	0.00	0.27	0.23	8.00	1	1	0.00	140	140	0.00	1	1	0.00	0.52	0.48	4.00	1.5	1.5	0.00	1	1	0.00	7	6	7.69
94MOB0187	94PL0001	0.4	0.6	20.00	0.29	0.41	17.14	22	30	15.38	210	270	12.50	1	1	0.00	0.79	1.07	15.05	6.5	8.5	13.33	4	6	20.00	4	6	20.00
94MOB0201	94PL0002	0.1	0.1	0.00	1.38	1.57	6.44	8	8	0.00	140	150	3.45	1	1	0.00	0.12	0.14	7.69	0.5	0.5	0.00	3	3	0.00	28	29	1.75
94MOB0210	94PL0004	0.1	0.1	0.00	0.87	0.88	0.57	18	16	5.88	130	120	4.00	1	1	0.00	0.25	0.23	4.17	3.0	2.5	9.09	2	1	33.33	11	10	4.76
94MOB1078	94PL0005	0.6	0.4	20.00	0.46	0.50	4.17	38	44	7.32	500	520	1.96	2	2	0.00	1.35	1.48	4.59	22.5	22.5	0.00	8	7	6.67	4	5	11.11
94MOB0055	94PL0144	0.1	0.2	33.33	0.38	0.29	13.43	20	24	9.09	70	40	27.27	1	1	0.00	1.32	1.06	10.92	2.0	1.5	14.29	2	2	0.00	8	7	6.67
94MOB0156	94PL0145	0.1	0.1	0.00	0.29	0.27	3.57	4	4	0.00	120	80	20.00	1	1	0.00	0.25	0.23	4.17	1.5	1.0	20.00	0.5	1	33.33	4	4	0.00
94MOB0304	94PL0146	0.1	0.6	71.43	1.46	1.43	1.04	8	12	20.00	210	200	2.44	1	2	33.33	1.86	1.98	3.13	1.5	1.5	0.00	3	4	14.29	21	22	2.33
94MOB0326	94PL0147	0.1	0.1	0.00	0.29	0.29	0.00	1	2	33.33	60	40	20.00	1	1	0.00	0.41	0.38	3.80	1.0	0.5	33.33	0.5	1	33.33	5	5	0.00
94MOB1066	94PL0148	0.1	0.2	33.33	0.14	0.13	3.70	1	2	33.33	50	30	25.00	1	1	0.00	1.34	1.22	4.69	0.5	0.5	0.00	4	4	0.00	2	3	20.00
94JEC0073	94PL0149	0.6	0.6	0.00	0.90	0.80	5.88	2	1	33.33	70	60	7.69	1	1	0.00	2.32	2.18	3.11	0.5	0.3	33.33	3	3	0.00	16	15	3.23
94FF0023	94PL0150	5.6	3.8	19.15	1.03	0.98	2.49	92	90	1.10	220	170	12.82	1	1	0.00	0.34	0.28	9.68	41.5	35.0	8.50	10	10	0.00	17	15	6.25
94FF0047	94PL0151	0.1	0.2	33.33	0.33	0.30	4.76	24	32	14.29	200	160	11.11	1	1	0.00	0.50	0.46	4.17	7.0	6.5	3.70	1	1	0.00	4	5	11.11
94FF0085	94PL0152	0.1	0.2	33.33	0.36	0.42	7.69	1	8	77.78	130	120	4.00	1	2	33.33	0.09	0.10	5.26	3.5	3.5	0.00	1	1	0.00	10	12	9.09
94FF0105	94PL0153	0.1	0.2	33.33	0.33	0.39	8.33	22	42	31.25	120	90	14.29	1	1	0.00	0.55	0.46	8.91	32.0	27.0	8.47	2	3	20.00	9	13	18.18
94FF0129	94PL0154	2.8	2.4	7.69	0.30	0.27	5.26	92	80	6.98	180	150	9.09	1	2	33.33	1.42	1.31	4.03	78.5	66.5	8.28	6	6	0.00	5	6	9.09
95ISK0010H	95PL0281	0.1	0.2	33.33	0.41	0.43	2.38	1	1	0.00	170	180	2.86	1	1	0.00	0.47	0.49	2.08	0.5	1.0	33.33	1	1	0.00	6	8	14.29
95ISK0018H	95PL0282	0.1	0.1	0.00	0.49	0.44	5.38	2	1	33.33	230	210	4.55	1	1	0.00	1.48	1.41	2.42	2.0	1.5	14.29	12	10	9.09	18	16	5.88
Mean (precision)				± 14.02%			± 4.53%			± 23.09%			± 6.02%			± 7.85%			± 4.56%			± 10.60%			± 10.51%			± 7.83%

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Sample Number		Cu (ppm)			Fe (%)			K (%)			La (ppm)			Mg (%)			Mn (ppm)			Mo (ppm)			Na (%)			Ni (ppm)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0001h	Duplicate-1	1574	1634	1.87	0.93	1.02	4.62	0.11	0.12	4.35	1	1	0.00	0.52	0.60	7.14	1928	2031	2.60	4	2	33.33	0.01	0.02	33.33	9	9	0.00
91MOB0010h	Duplicate-2																											
91MOB0012h	Duplicate-3	7	11	22.22	0.43	0.49	6.52	0.07	0.09	12.50	4	4	0.00	1.79	1.97	4.79	306	351	6.85	3	4	14.29	0.02	0.02	0.00	5	5	0.00
91MOB0027h	Duplicate-4																											
92JC0002	93PL0056	294	272	3.89	3.56	3.18	5.64	0.35	0.30	7.69	40	40	0.00	0.81	0.72	5.88	2010	1885	3.21	6	4	20.00	0.02	0.02	0.00	169	156	4.00
92MOB0030	93PL0057	34	30	6.25	2.45	2.13	6.99	0.44	0.37	8.64	5	20	60.00	1.65	1.45	6.45	580	475	9.95	0.5	0.5	0.00	0.01	0.01	0.00	31	29	3.33
92MOB0059	93PL0058	18	16	5.88	2.38	2.31	1.49	0.22	0.20	4.76	5	10	33.33	0.71	0.70	0.71	372	305	9.90	0.5	0.5	0.00	0.01	0.01	0.00	15	14	3.45
92MOB0077	93PL0059	37	34	4.23	4.09	3.83	3.28	0.64	0.60	3.23	70	90	12.50	1.40	1.30	3.70	525	480	4.48	0.5	0.5	0.00	0.02	0.02	0.00	52	50	1.96
92MOB1026	93PL0060	10	9	5.26	0.60	0.61	0.83	0.09	0.07	12.50	5	10	33.33	0.30	0.30	0.00	360	335	3.60	0.5	0.5	0.00	0.005	0.005	0.00	4	6	20.00
92MOB1075	93PL0063	14	15	3.45	2.02	1.98	1.00	0.14	0.13	3.70	5	5	0.00	1.64	1.37	8.97	1640	1555	2.66	0.5	0.5	0.00	0.005	0.005	0.00	11	12	4.35
92MOB1090	93PL0064	30	31	1.64	1.69	1.80	3.15	0.16	0.18	5.88	5	5	0.00	1.63	1.62	0.31	620	645	1.98	0.5	0.5	0.00	0.005	0.005	0.00	12	15	11.11
92EL039h	93PL0127	13	13	0.00	0.21	0.20	2.44	0.15	0.17	6.25	5	5	0.00	0.07	0.07	0.00	90	95	2.70	0.5	0.5	0.00	0.005	0.005	0.00	6	6	0.00
92EL047h	93PL0128	16	16	0.00	0.34	0.35	1.45	0.07	0.08	6.67	5	5	0.00	0.10	0.10	0.00	60	65	4.00	0.5	0.5	0.00	0.005	0.005	0.00	6	7	7.69
92EL059h	93PL0129	22	22	0.00	0.38	0.40	2.56	0.19	0.22	7.32	5	5	0.00	0.23	0.24	2.13	3035	3350	4.93	0.5	0.5	0.00	0.005	0.005	0.00	10	11	4.76
92EL092h	93PL0130	29	31	3.33	0.29	0.36	10.77	0.08	0.10	11.11	5	5	0.00	0.08	0.10	11.11	230	265	7.07	0.5	0.5	0.00	0.005	0.005	0.00	4	6	20.00
92EL099h	93PL0131	39	36	4.00	0.35	0.31	6.06	0.14	0.12	7.69	5	5	0.00	0.20	0.18	5.26	1335	1280	2.10	0.5	0.5	0.00	0.005	0.005	0.00	7	7	0.00
92EL149h	93PL0133	31	30	1.64	0.49	0.51	2.00	0.17	0.18	2.86	5	5	0.00	0.33	0.33	0.00	1115	1110	0.22	0.5	0.5	0.00	0.005	0.005	0.00	8	8	0.00
93MOB0109	93PL0232	19	23	9.52	1.69	1.83	3.98	0.09	0.09	0.00	10	10	0.00	0.49	0.53	3.92	90	100	5.26	0.5	0.5	0.00	0.01	0.02	33.33	19	22	7.32
93MOB0213	93PL0233	18	18	0.00	0.31	0.32	1.59	0.05	0.04	11.11	5	5	0.00	0.88	0.91	1.68	375	395	2.60	0.5	0.5	0.00	0.005	0.005	0.00	11	10	4.76
93MOB1084	93PL0234	132	142	3.65	1.10	1.11	0.45	0.06	0.05	9.09	30	70	40.00	0.74	0.76	1.33	10	10	0.00	0.5	0.5	0.00	0.01	0.01	0.00	26	28	3.70
93MOB1135	93PL0235	48	54	5.88	0.65	0.67	1.52	0.12	0.13	4.00	5	5	0.00	0.25	0.26	1.96	2440	2600	3.17	0.5	0.5	0.00	0.005	0.005	0.00	13	12	4.00
93MOB1159	93PL0236	8	8	0.00	0.44	0.45	1.12	0.05	0.04	11.11	5	5	0.00	1.34	1.01	14.04	455	470	1.62	0.5	0.5	0.00	0.005	0.005	0.00	4	3	14.29
93JC0033	93PL0238	21	24	6.67	0.67	0.73	4.29	0.12	0.13	4.00	10	10	0.00	0.15	0.17	6.25	130	135	1.89	0.5	0.5	0.00	0.005	0.005	0.00	13	13	0.00
93NA001h	93PL0239	56	63	5.88	0.94	1.00	3.09	0.09	0.11	10.00	10	10	0.00	0.29	0.31	3.33	520	600	7.14	0.5	0.5	0.00	0.005	0.005	0.00	10	10	0.00
93NA026h	93PL0240	36	34	2.86	0.77	0.67	6.94	0.07	0.06	7.69	10	10	0.00	0.14	0.12	7.69	95	80	8.57	1	0.5	33.33	0.005	0.005	0.00	7	6	7.69
93NA062h	93PL0241	21	21	0.00	0.50	0.57	6.54	0.07	0.06	7.69	5	5	0.00	0.08	0.09	5.88	30	35	7.69	0.5	0.5	0.00	0.005	0.005	0.00	7	6	7.69
93NA089h	93PL0242	18	20	5.26	0.93	0.95	1.06	0.03	0.03	0.00	5	5	0.00	0.07	0.07	0.00	50	55	4.76	0.5	0.5	0.00	0.005	0.005	0.00	4	3	14.29
93NA100h	93PL0243	27	26	1.89	0.24	0.23	2.13	0.09	0.08	5.88	5	5	0.00	0.09	0.08	5.88	55	55	0.00	0.5	0.5	0.00	0.005	0.005	0.00	6	6	0.00
93NA120h	93PL0244	34	38	5.56	0.37	0.41	5.13	0.12	0.13	4.00	5	5	0.00	0.07	0.07	0.00	130	145	5.45	0.5	0.5	0.00	0.005	0.005	0.00	5	6	9.09
93NA136h	93PL0246	25	25	0.00	0.25	0.27	3.85	0.11	0.10	4.76	5	5	0.00	0.06	0.06	0.00	90	80	5.88	0.5	0.5	0.00	0.005	0.005	0.00	7	7	0.00
93NA147h	93PL0247	34	30	6.25	0.32	0.29	4.92	0.14	0.13	3.70	5	5	0.00	0.09	0.08	5.88	865	800	3.90	1	1	0.00	0.005	0.005	0.00	9	8	5.88
94MOB0187	94PL0001	274	344	11.33	0.54	0.62	6.90	0.04	0.07	27.27	5	5	0.00	0.13	0.17	13.33	1390	1840	13.93	0.5	0.5	0.00	0.005	0.005	0.00	3	3	0.00
94MOB0201	94PL0002	34	38	5.56	1.52	1.62	3.18	0.07	0.09	12.50	10	10	0.00	0.18	0.19	2.70	45	55	10.00	1	1	0.00	0.005	0.005	0.00	14	14	0.00
94MOB0210	94PL0004	73	73	0.00	0.88	0.83	2.92	0.07	0.08	6.67	5	5	0.00	0.07	0.07	0.00	55	60	4.35	1	0.5	33.33	0.005	0.005	0.00	7	7	0.00
94MOB1078	94PL0005	765	694	4.87	0.84	0.89	2.89	0.14	0.14	0.00	5	5	0.00	0.14	0.19	15.15	3560	3910	4.69	1	1	0.00	0.005	0.005	0.00	7	7	0.00
94MOB0055	94PL0144	75	66	6.38	0.36	0.29	10.77	0.11	0.09	10.00	5	5	0.00	0.12	0.10	9.09	100	80	11.11	0.5	0.5	0.00	0.01	0.005	33.33	4	3	14.29
94MOB0156	94PL0145	29	27	3.57	0.29	0.24	9.43	0.09	0.07	12.50	5	5	0.00	0.05	0.04	11.11	75	65	7.14	0.5	0.5	0.00	0.005	0.005	0.00	2	2	0.00
94MOB0304	94PL0146	28	25	5.66	1.26	1.24	0.80	0.14	0.10	16.67	5	5	0.00	0.69	0.67	1.47	1015	1090	3.56	0.5	0.5	0.00	0.005	0.005	0.00	10	12	9.09
94MOB0326	94PL0147	13	12	4.00	0.26	0.24	4.00	0.14	0.11	12.00	5	5	0.00	0.08	0.07	6.67	245	225	4.26	0.5	0.5	0.00	0.005	0.005	0.00	2	2	0.00
94MOB1066	94PL0148	13	13	0.00	0.19	0.19	0.00	0.03	0.03	0.00	5	5	0.00	0.19	0.19	0.00	30	25	9.09	0.5	0.5	0.00	0.005	0.005	0.00	6	5	9.09
94JEC0073	94PL0149	18	16	5.88	0.98	0.81	9.50	0.17	0.14	9.68	5	5	0.00	0.63	0.57	5.00	125	105	8.70	0.5	0.5	0.00	0.005	0.005	0.00	12	12	0.00
94FF0023	94PL0150	2960	2560	7.25	2.87	2.17	13.89	0.09	0.06	20.00	10	5	33.33	0.49	0.40	10.11	145	130	5.45	0.5	0.5	0.00	0.01	0.01	0.00	10	9	5.26
94FF0047	94PL0151	177	171	1.72	0.37	0.32	7.25	0.13	0.11	8.33	5	5	0.00	0.07	0.06	7.69	600	570	2.56	0.5	0.5	0.00	0.005	0.005	0.00	4	3	14.29
94FF0085	94PL0152	109	109	0.00	0.59	0.57	1.72	0.07	0.06	7.69	10	5	33.33	0.09	0.09	0.00	100	105	2.44	0.5	0.5	0.00	0.01	0.01	0.00	3	3	0.00
94FF0105	94PL0153	542	496	4.43	0.47	0.55	7.84	0.07	0.04	27.27	5	5	0.00	0.15	0.17	6.25	135	125	3.85	0.5	0.5	0.00	0.005	0.005	0.00	5	5	0.00
94FF0129	94PL0154	2080	1900	4.52	1.00	0.72	16.28	0.10	0.09	5.26	5	5	0.00	0.16	0.13	10.34	865	775	5.49	0.5	0.5	0.00	0.005	0.005	0.00	4	4	0.00
95ISK0010H	95PL0281	17	18	2.86	0.61	0.61	0.00	0.11	0.12	4.35	5	5	0.00	0.16	0.16	0.00	115	115	0.00	0.5	0.5	0.00	0.005	0.005	0.00	5	5	0.00
95ISK0018H	95PL0282	31	28	5.08	0.83	0.68	9.93	0.15	0.14	3.45	5	5	0.00	0.41	0.37	5.13	1330	1405	2.74	0.5	0.5	0.00	0.005	0.005	0.00	11	10	4.76
Mean (precision)				± 4.13%			± 4.62%			± 8.08%			± 5.34%			± 4.75%			± 4.86%			± 2.92%			± 2.17 %			± 4.70%

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Sample Number		P (ppm)			Pb (ppm)			Sb (ppm)			Sc (ppm)			Sr (ppm)			Ti (%)			V (ppm)			Zn (ppm)			Hg (ppb)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0001h	Duplicate-1				1249	1339	3.48	11	13	8.33	2.5	2.5	0.00	40	42	2.44				5	6	9.09	10299	11075	3.63			
91MOB0010h	Duplicate-2																									45	42	3.45
91MOB0012h	Duplicate-3				1	5	66.67	2.5	2.5	0.00	2.5	2.5	0.00	16	18	5.88				7	8	6.67	29	35	9.38			
91MOB0027h	Duplicate-4																									125	115	4.17
92JC0002	93PL0056	2210	2110	2.31	30	32	3.23	1	1	0.00	7	6	7.69	45	43	2.27	0.13	0.11	8.33	63	57	5.00	134	122	4.69	100	60	25.00
92MOB0030	93PL0057	970	880	4.86	26	22	8.33	1	1	0.00	5	4	11.11	38	35	4.11	0.06	0.05	9.09	38	36	2.70	156	136	6.85	80	60	14.29
92MOB0059	93PL0058	890	850	2.30	8	6	14.29	1	1	0.00	4	4	0.00	16	16	0.00	0.05	0.05	0.00	38	38	0.00	70	66	2.94	30	10	50.00
92MOB0077	93PL0059	1300	1300	0.00	18	20	5.26	2	1	33.30	12	12	0.00	48	47	1.05	0.10	0.09	5.26	51	50	0.99	138	126	4.55	20	10	33.33
92MOB1026	93PL0060	570	560	0.88	24	22	4.35	1	1	0.00	0.5	0.5	0.00	9	9	0.00	0.01	0.01	0.00	8	7	6.67	38	36	2.70	180	160	5.88
92MOB1075	93PL0063	750	740	0.67	54	48	5.88	1	1	0.00	2	.2	0.00	17	17	0.00	0.03	0.03	0.00	23	24	2.13	96	92	2.13	120	100	9.09
92MOB1090	93PL0064	580	640	4.92	44	46	2.22	1	1	0.00	2	3	20.00	12	14	7.69	0.03	0.03	0.00	24	29	9.43	64	72	5.88	120	120	0.00
92EL039h	93PL0127	1080	1230	6.49	30	34	6.25	1	1	0.00	0.5	0.5	0.00	22	24	4.35	0.005	0.005	0.00	3	3	0.00	68	70	1.45			
92EL047h	93PL0128	830	920	5.14	34	42	10.53	1	1	0.00	0.5	0.5	0.00	43	47	4.44	0.01	0.01	0.00	6	7	7.69	44	46	2.22			
92EL059h	93PL0129	1430	1650	7.14	44	50	6.38	1	1	0.00	0.5	0.5	0.00	68	75	4.90	0.005	0.005	0.00	6	7	7.69	178	188	2.73			
92EL092h	93PL0130	830	980	8.29	64	74	7.25	1	1	0.00	0.5	0.5	0.00	31	35	6.06	0.005	0.005	0.00	5	7	16.67	174	160	4.19			
92EL099h	93PL0131	1320	1260	2.33	78	78	0.00	1	1	0.00	0.5	0.5	0.00	65	65	0.00	0.005	0.005	0.00	7	6	7.69	256	232	4.92			
92EL149h	93PL0133	1450	1410	1.40	46	46	0.00	1	1	0.00	0.5	0.5	0.00	105	103	0.96	0.01	0.01	0.00	9	10	5.26	148	148	0.00			
93MOB0109	93PL0232	600	640	3.23	8	10	11.11	1	2	33.33	4	4	0.00	13	14	3.70	0.01	0.01	0.00	30	36	9.09	40	44	4.76	50	50	0.00
93MOB0213	93PL0233	1030	1000	1.48	2	2	0.00	1	2	33.33	0.5	0.5	0.00	39	41	2.50	0.005	0.005	0.00	4	6	20.00	108	110	0.92	200	140	17.65
93MOB1084	93PL0234	930	1020	4.62	1	4	60.00	1	1	0.00	4	5	11.11	28	29	1.75	0.01	0.01	0.00	49	52	2.97	8	8	0.00	140	140	0.00
93MOB1135	93PL0235	1140	1280	5.79	76	88	7.32	1	1	0.00	1	1	0.00	45	51	6.25	0.02	0.02	0.00	14	14	0.00	308	340	4.94	300	310	1.64
93MOB1159	93PL0236	380	360	2.70	14	16	6.67	1	1	0.00	0.5	0.5	0.00	10	10	0.00	0.005	0.005	0.00	9	9	0.00	36	40	5.26	120	130	4.00
93JC0033	93PL0238	1210	1290	3.20	48	52	4.00	1	1	0.00	2	1	33.33	41	44	3.53	0.01	0.01	0.00	11	12	4.35	106	122	7.02	370	370	0.00
93NA001h	93PL0239	660	690	2.22	68	84	10.53	1	2	33.33	1	2	33.33	31	35	6.06	0.03	0.03	0.00	21	23	4.55	308	348	6.10	230	230	0.00
93NA026h	93PL0240	460	410	5.75	54	56	1.82	1	1	0.00	1	1	0.00	16	15	3.23	0.03	0.02	20.00	16	14	6.67	164	158	1.86	320	210	20.75
93NA062h	93PL0241	870	870	0.00	26	30	7.14	2	1	33.33	0.5	0.5	0.00	26	25	1.96	0.01	0.01	0.00	7	10	17.65	72	76	2.70	240	280	7.69
93NA089h	93PL0242	380	400	2.56	18	26	18.18	1	1	0.00	0.5	1	33.33	8	9	5.88	0.03	0.03	0.00	19	19	0.00	72	84	7.69	130	130	0.00
93NA100h	93PL0243	660	610	3.94	42	42	0.00	1	1	0.00	0.5	0.5	0.00	32	30	3.23	0.005	0.005	0.00	4	4	0.00	86	84	1.18	280	260	3.70
93NA120h	93PL0244	860	970	6.01	52	60	7.14	1	1	0.00	0.5	0.5	0.00	14	15	3.45	0.01	0.01	0.00	7	9	12.50	134	154	6.94	350	390	5.41
93NA136h	93PL0246	880	820	3.53	52	46	6.12	1	1	0.00	0.5	0.5	0.00	24	22	4.35	0.005	0.005	0.00	5	6	9.09	132	122	3.94	330	280	8.20
93NA147h	93PL0247	1190	1090	4.39	42	42	0.00	1	1	0.00	0.5	0.5	0.00	25	24	2.04	0.01	0.005	33.33	7	6	7.69	160	144	5.26	400	170	40.35
94MOB0187	94PL0001	660	850	12.58	414	552	14.29	1	2	33.33	0.5	0.5	0.00	38	53	16.48	0.005	0.01	33.33	9	10	5.26	730	948	12.99	710	950	14.46
94MOB0201	94PL0002	850	890	2.30	22	26	8.33	1	1	0.00	0.5	0.5	0.00	17	20	8.11	0.01	0.01	0.00	23	23	0.00	32	42	13.51	110	120	4.35
94MOB0210	94PL0004	960	900	3.23	110	110	0.00	1	1	0.00	0.5	0.5	0.00	19	20	2.56	0.01	0.01	0.00	9	8	5.88	242	222	4.31	470	430	4.44
94MOB1078	94PL0005	1000	1010	0.50	820	834	0.85	4	2	33.33	0.5	0.5	0.00	64	68	3.03	0.01	0.01	0.00	9	10	5.26	3640	4010	4.84	2250	2050	4.65
94MOB0055	94PL0144	880	780	6.02	48	38	11.63	2	1	33.33	0.5	0.5	0.00	26	20	13.04	0.01	0.01	0.00	8	6	14.29	226	190	8.65	330	320	1.54
94MOB0156	94PL0145	690	690	0.00	92	84	4.55	1	1	0.00	0.5	0.5	0.00	28	20	16.67	0.005	0.005	0.00	7	6	7.69	118	114	1.72	460	470	1.08
94MOB0304	94PL0146	1450	1520	2.36	70	78	5.41	6	2	50.00	2	2	0.00	20	20	0.00	0.02	0.02	0.00	25	25	0.00	144	144	0.00	270	290	3.57
94MOB0326	94PL0147	1020	1020	0.00	36	32	5.88	2	1	33.33	0.5	0.5	0.00	9	7	12.50	0.005	0.005	0.00	7	7	0.00	90	84	3.45	340	350	1.45
94MOB1066	94PL0148	730	720	0.69	4	4	0.00	2	4	33.33	0.5	0.5	0.00	38	28	15.15	0.005	0.005	0.00	3	3	0.00	8	2	60.00	150	170	6.25
94JEC0073	94PL0149	540	520	1.89	20	20	0.00	1	1	0.00	2	1	33.33	19	16	8.57	0.03	0.02	20.00	19	16	8.57	38	36	2.70	110	130	8.33
94FF0023	94PL0150	670	550	9.84	1630	1380	8.31	12	4	50.00	3	2	20.00	14	11	12.00	0.04	0.03	14.29	35	26	14.75	5030	4430	6.34	6550	8050	10.27
94FF0047	94PL0151	940	950	0.53	308	274	5.84	4	4	0.00	0.5	0.5	0.00	26	22	8.33	0.005	0.005	0.00	7	7	0.00	644	630	1.10	460	930	33.81
94FF0085	94PL0152	460	460	0.00	138	126	4.55	1	2	33.33	0.5	1	33.33	11	11	0.00	0.01	0.02	33.33	11	12	4.35	344	350	0.86	290	300	1.69
94FF0105	94PL0153	650	570	6.56	384	332	7.26	4	1	60.00	0.5	1	33.33	25	19	13.64	0.01	0.01	0.00	10	12	9.09	3630	3330	4.31	820	900	4.65
94FF0129	94PL0154	970	940	1.57	1800	1625	5.11	20	14	17.65	0.5	0.5	0.00	57	47	9.62	0.005	0.005	0.00	8	7	6.67	7710	7480	1.51	2700	2150	11.34
95ISK0010H	95PL0281	960	1070	5.42	38	40	2.56	2	1	33.33	0.5	1	33.33	20	23	6.98	0.01	0.01	0.00	10	11	4.76	78	84	3.70	260	300	7.14
95ISK0018H	95PL0282	1160	960	9.43	44	40	4.76	1	2	33.33	0.5	0.5	0.00	46	40	6.98	0.005	0.01	33.33	16	13	10.34	204	186	4.62	250	230	4.17
Mean (precision)				**± 3.62%**			**± 8.12%**			**± 13.46%**			**± 6.59%**			**± 5.34%**			**± 4.78%**			**± 6.07%**			**± 5.47%**			**± 9.44%**

Till geochemistry

Sample Number		Ag (ppm)			Al (%)			As (ppm)			Ba (ppm)			Bi (ppm)			Ca (%)			Cd (ppm)			Co (ppm)			Cr (ppm)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0024	92PH0039	0.1	0.1	0.00	1.37	1.53	5.52	2.5	2.5	0.00	75	81	3.85	9	11	10.00	10.00	10.00	0.00	0.1	0.7	75.0	6	6	0.00	24	26	4.00
91MOB0033C	92PH0040	0.6	0.4	20.00	5.07	4.71	3.68	2.5	2.5	0.00	264	247	3.33	2.5	2.5	0.00	0.51	0.50	0.99	2.5	0.8	51.5	27	25	3.85	117	108	4.00
92JC0029	92PH0441	0.1	0.1	0.00	6.12	6.57	3.55	8	1	77.78	580	590	0.85	10	4	42.86	0.22	0.24	4.35	0.25	0.25	0.00	33	33	0.00	280	285	0.88
92JC0078	92PH0442	0.1	0.1	0.00	5.41	6.89	12.03	12	4	50.00	400	260	21.21	10	1	81.82	0.47	0.49	2.08	0.25	0.25	0.00	30	24	11.11	221	189	7.80
92MOB0027	92PH0434	0.1	0.1	0.00	2.66	2.72	1.12	1	1	0.00	200	190	2.56	1	2	33.33	8.39	8.18	1.27	0.25	0.25	0.00	16	15	3.23	114	110	1.79
92MOB0085	92PH0435	0.1	0.1	0.00	3.82	3.84	0.26	18	22	10.00	270	270	0.00	1	2	33.33	5.27	5.26	0.09	0.25	0.25	0.00	16	16	0.00	100	99	0.50
92MOB0136	92PH0429	0.1	0.1	0.00	1.12	0.98	6.67	1	1	0.00	60	50	9.09	1	2	33.33	13.09	11.85	4.97	0.25	0.25	0.00	4	4	0.00	33	31	3.13
92MOB0175	92PH0430	0.1	0.1	0.00	1.76	1.78	0.56	1	1	0.00	70	70	0.00	1	1	0.00	11.17	11.20	0.13	0.25	0.25	0.00	7	8	6.67	60	61	0.83
92MOB0231	92PH0431	0.1	0.1	0.00	2.88	2.94	1.03	1	1	0.00	200	200	0.00	8	1	77.78	10.47	10.60	0.62	0.25	0.25	0.00	14	14	0.00	114	115	0.44
92MOB0260	92PH0432	0.1	0.1	0.00	2.41	2.50	1.83	14	6	40.00	200	210	2.44	1	1	0.00	7.76	7.98	1.40	0.25	0.25	0.00	11	11	0.00	62	63	0.80
92MOB0329	92PH0433	0.1	0.1	0.00	4.12	4.30	2.14	1	1	0.00	290	300	1.69	4	1	60.00	4.34	4.47	1.48	0.25	0.25	0.00	22	23	2.22	150	153	0.99
92MOB1019	92PH0437	0.1	0.1	0.00	1.43	1.41	0.70	1	2	33.33	100	90	5.26	2	1	33.33	15.00	14.65	1.18	0.25	0.25	0.00	10	10	0.00	57	56	0.88
92MOB1078	92PH0438	0.1	0.1	0.00	3.25	3.00	4.00	2	4	33.33	110	100	4.76	1	2	33.33	7.10	6.79	2.23	0.25	0.25	0.00	23	22	2.22	97	89	4.30
92MOB1120	92PH0439	0.1	0.1	0.00	1.19	1.06	5.78	1	1	0.00	60	50	9.09	1	1	0.00	15.00	15.00	0.00	0.25	0.25	0.00	7	6	7.69	40	38	2.56
92MOB1168	92PH0440	0.1	0.1	0.00	4.76	5.19	4.32	6	12	33.33	270	280	1.82	4	1	60.00	0.34	0.36	2.86	0.25	0.25	0.00	21	20	2.44	141	150	3.09
93JC0040	93PL0361	0.8	0.8	0.00	6.38	6.14	1.92	4	4	0.00	380	390	1.30	1	1	0.00	0.50	0.51	0.99	0.25	0.25	0.00	21	21	0.00	200	199	0.25
93JC0042	93PL0366	0.1	0.2	33.33	5.38	5.65	2.45	20	12	25.00	220	220	0.00	1	1	0.00	0.36	0.35	1.41	0.25	0.25	0.00	22	21	2.33	172	183	3.10
93JC0079	93PL0362				3.44	3.58	1.99	4	8	33.33	300	300	0.00	1	1	0.00	6.35	6.41	0.47	0.25	0.25	0.00	17	16	3.03	139	143	1.42
93MOB0003	93PL0267	0.1	0.1	0.00	1.22	1.38	6.15	1	6	71.43	110	120	4.35	1	1	0.00	12.13	14.50	8.90	0.25	0.25	0.00	7	4	27.27	76	81	3.18
93MOB0035	93PL0268	0.1	0.1	0.00	1.62	1.39	7.64	4	4	0.00	90	80	5.88	1	1	0.00	8.52	9.04	2.96	0.25	0.25	0.00	13	11	8.33	70	63	5.26
93MOB0045	93PL0270	0.1	0.1	0.00	2.21	2.26	1.12	1	14	86.67	150	150	0.00	1	1	0.00	7.75	8.94	7.13	0.25	0.25	0.00	11	8	15.79	72	72	0.00
93MOB0056	93PL0271	0.1	0.1	0.00	2.93	2.78	2.63	8	1	77.78	240	230	2.13	1	1	0.00	4.13	4.25	1.43	0.25	0.25	0.00	15	13	7.14	107	104	1.42
93MOB0076	93PL0272	0.1	0.1	0.00	3.05	3.12	1.13	1	2	33.33	270	270	0.00	1	1	0.00	3.70	3.91	2.76	0.25	0.25	0.00	15	14	3.45	107	110	1.38
93MOB0101	93PL0273	0.1	0.1	0.00	1.84	2.23	9.58	4	10	42.86	110	110	0.00	1	1	0.00	6.40	6.62	1.69	0.25	0.25	0.00	12	12	0.00	84	93	5.08
93MOB0137	93PL0363	0.4	0.2	33.33	3.08	3.05	0.49	10	8	11.11	230	230	0.00	1	1	0.00	5.67	5.76	0.79	0.25	0.25	0.00	14	14	0.00	131	131	0.00
93MOB0178	93PL0351	0.1	0.1	0.00	2.64	2.95	5.55	8	12	20.00	130	150	7.14	1	1	0.00	7.68	8.08	2.54	0.25	0.25	0.00	4	6	20.00	69	74	3.50
93MOB0197	93PL0352	0.1	0.1	0.00	3.38	3.50	1.74	8	14	27.27	90	100	5.26	1	1	0.00	4.79	4.85	0.62	0.5	0.25	33.33	19	20	2.56	80	82	1.23
93MOB0222	93PL0353	0.1	0.1	0.00	2.31	2.53	4.55	12	12	0.00	160	170	3.03	1	1	0.00	12.41	13.70	4.94	0.25	0.25	0.00	6	7	7.69	97	105	3.96
93MOB0245	93PL0354	0.1	0.1	0.00	2.28	2.34	1.30	10	4	42.86	180	180	0.00	1	1	0.00	12.90	12.95	0.19	0.25	0.25	0.00	7	7	0.00	68	69	0.73
93MOB1038	93PL0274	0.1	0.1	0.00	1.76	1.82	1.68	12	4	50.00	140	140	0.00	1	1	0.00	10.70	10.54	0.75	0.25	0.25	0.00	6	5	9.09	55	55	0.00
93MOB1079	93PL0276	0.1	0.1	0.00	2.98	2.85	2.23	1	2	33.33	220	220	0.00	1	1	0.00	6.74	6.72	0.15	0.5	0.25	33.33	15	16	3.23	171	166	1.48
93MOB1114	93PL0356	0.1	0.1	0.00	1.81	1.87	1.63	18	18	0.00	100	110	4.76	1	1	0.00	14.02	14.55	1.86	0.25	0.25	0.00	1	1	0.00	51	51	0.00
93MOB1130	93PL0364	0.1	0.2	33.33	2.15	2.21	1.38	2	2	0.00	110	110	0.00	1	1	0.00	6.16	6.41	1.99	0.25	0.25	0.00	17	18	2.86	70	73	2.10
93MOB1154	93PL0357	0.1	0.1	0.00	3.33	3.73	5.67	28	26	3.70	200	220	4.76	1	1	0.00	7.05	7.81	5.11	0.25	0.25	0.00	13	14	3.70	86	94	4.44
93MOB1166	93PL0358	0.1	0.1	0.00	3.29	3.22	1.08	12	6	33.33	280	270	1.82	1	1	0.00	9.80	9.35	2.35	0.25	0.25	0.00	10	11	4.76	101	97	2.02
93MOB1183	93PL0359	0.1	0.1	0.00	2.54	2.70	3.05	8	6	14.29	190	200	2.56	1	1	0.00	10.39	10.51	0.57	0.25	0.25	0.00	9	10	5.26	106	109	1.40
95MOB0009	95PL0276	0.1	0.1	0.00	7.19	7.30	0.76	14	14	0.00	350	340	1.45	1	18	89.47	0.20	0.21	2.44	0.25	0.25	0.00	27	26	1.89	170	161	2.72
95MOB0040	95PL0278	0.1	0.1	0.00	3.04	3.03	0.16	2	4	33.33	230	240	2.13	2	2	0.00	9.52	9.23	1.55	0.25	0.25	0.00	17	17	0.00	111	118	3.06
94JC0007	94PL0139	0.1	0.2	33.33	5.40	5.67	2.44	26	14	30.00	180	200	5.26	1	1	0.00	0.16	0.21	13.51	0.25	0.25	0.00	20	18	5.26	188	187	0.27
94JC0045	94PL0140	0.1	0.2	33.33	4.38	4.32	0.69	2	6	50.00	290	310	3.33	1	1	0.00	0.21	0.22	2.33	0.25	0.25	0.00	18	15	9.09	134	130	1.52
94JC0076	94PL0142	0.1	0.1	0.00	2.75	2.55	3.77	8	1	77.78	160	160	0.00	1	1	0.00	5.77	5.88	0.94	0.25	0.5	33.33	19	18	2.70	97	96	0.52
94JC0109	94PL0143	0.1	0.1	0.00	3.57	3.98	5.43	16	6	45.45	240	270	5.88	1	1	0.00	1.51	1.68	5.33	0.25	0.25	0.00	20	18	5.26	124	131	2.75
94MOB0003	94PL0121	0.1	0.1	0.00	2.95	2.91	0.68	12	12	0.00	120	110	4.35	1	1	0.00	6.82	6.56	1.94	0.25	0.25	0.00	20	22	4.76	76	73	2.01
94MOB0023	94PL0122	0.1	0.1	0.00	5.08	4.59	5.07	4	12	50.00	100	90	5.26	1	1	0.00	0.30	0.23	13.21	0.25	0.25	0.00	20	18	5.26	97	92	2.65
94MOB0070	94PL0123	0.1	0.1	0.00	3.60	3.16	6.51	44	46	2.22	110	100	4.76	1	1	0.00	3.29	3.18	1.70	0.25	0.5	33.33	31	30	1.64	266	249	3.30
94MOB0084	94PL0124	0.1	0.1	0.00	5.63	5.10	4.94	102	104	0.97	220	200	4.76	1	1	0.00	0.45	0.40	5.88	0.25	0.25	0.00	29	28	1.75	150	143	2.39
94MOB0113	94PL0125	0.1	0.1	0.00	2.09	2.06	0.72	2	1	33.33	120	120	0.00	2	1	33.33	9.69	9.76	0.36	0.25	0.25	0.00	12	11	4.35	64	65	0.78
94MOB0145	94PL0127	0.1	0.1	0.00	5.85	5.76	0.78	22	24	4.35	160	160	0.00	1	1	0.00	0.26	0.26	0.00	0.25	0.25	0.00	21	18	7.69	130	127	1.17
94MOB0172	94PL0128	0.1	0.1	0.00	2.49	2.73	4.60	14	12	7.69	170	190	5.56	1	1	0.00	8.38	8.83	2.61	0.25	0.25	0.00	11	10	4.76	71	81	6.58
94MOB0183	94PL0129	0.1	0.2	33.33	1.56	1.59	0.95	2	1	33.33	110	110	0.00	1	2	33.33	15.00	14.40	2.04	0.25	0.25	0.00	9	7	12.50	51	55	3.77
94MOB0257	94PL0130	0.2	0.1	33.33	2.61	2.63	0.38	14	10	16.67	130	140	3.70	1	2	33.33	8.40	8.42	0.12	0.25	0.25	0.00	14	13	3.70	99	99	0.00
94MOB0291	94PL0131	0.2	0.1	33.33	2.79	2.90	1.93	4	1	60.00	250	270	3.85	1	6	71.43	7.91	8.12	1.31	0.25	0.5	33.33	14	13	3.70	119	120	0.42
94MOB0307	94PL0132	0.2	0.1	33.33	1.62	1.59	0.93	2	1	33.33	160	160	0.00	1	4	60.00	15.00	14.75	0.84	0.25	0.25	0.00	10	8	11.11	82	80	1.23
94MOB0327B	94PL0134	0.2	0.1	33.33	2.60	2.54	1.17	10	4	42.86	150	170	6.25	1	1	0.00	7.35	7.10	1.73	0.25	0.25	0.00	13	12	4.00	77	74	1.99
94MOB0346	94PL0135	0.6	0.2	50.00	3.72	3.59	1.78	16	4	60.00	290	300	1.69	1	1	0.00	3.09	3.16	1.12	0.25	0.25	0.00	18	17	2.86	123	118	2.07
94MOB1012	94PL0136	0.6	0.2	50.00	6.41	6.40	0.08	122	98	10.91	140	150	3.45	1	1	0.00	0.27	0.31	6.90	0.25	0.25	0.00	24	23	2.13	106	102	1.92
94MOB1034B	94PL0137	0.1	0.2	33.33	1.87	1.96	2.35	12	8	20.00	180	200	5.26	1	1	0.00	15.00	14.80	0.67	0.25	0.25	0.00	14	11	12.00	87	93	3.33
94MOB1069	94PL0138	0.4	0.4	0.00	4.91	4.90	0.10	40	20	33.33	220	230	2.22	1	1	0.00	0.43	0.46	3.37	0.25	0.25	0.00	24	20	9.09	88	84	2.33
Mean (precision)				**± 8.54%**			**± 2.83%**			**± 26.37%**			**± 3.07%**			**± 14.14%**			**± 2.47%**			**± 5.05%**			**± 4.85%**			**± 2.15%**

Till geochemistry

Sample Number		Cu (ppm)			Fe (%)			K (%)			La (ppm)			Mg (%)			Mn (ppm)			Mo (ppm)			Na (%)			Ni (ppm)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0024	92PH0039	24	26	4.00	1.73	1.87	3.89	0.31	0.35	6.06	13	14	3.70	8.93	9.60	3.62	295	318	3.75	6	6	0.00	0.36	0.36	0.00	25	29	7.41
91MOB0033C	92PH0040	70	66	2.94	6.91	6.51	2.98	1.11	0.98	6.22	39	37	2.63	4.58	4.37	2.35	554	522	2.97	0.5	1	33.33	0.68	0.64	3.03	81	74	4.52
92JC0029	92PH0441	146	152	2.01	6.87	7.25	2.69	2.26	2.34	1.74	20	20	0.00	3.19	3.21	0.31	325	340	2.26	0.5	0.5	0.00	0.58	0.63	4.13	107	109	0.93
92JC0078	92PH0442	116	34	54.67	6.53	5.28	10.58	1.46	0.69	35.81	20	10	33.33	2.90	2.40	9.43	550	400	15.79	0.5	0.5	0.00	0.47	0.50	3.09	87	81	3.57
92MOB0027	92PH0434	70	66	2.94	3.49	3.44	0.72	0.67	0.67	0.00	30	30	0.00	2.44	2.38	1.24	490	485	0.51	0.5	0.5	0.00	0.44	0.44	0.00	59	59	0.00
92MOB0085	92PH0435	79	78	0.64	4.19	4.21	0.24	0.42	0.43	1.18	30	30	0.00	2.49	2.45	0.81	330	335	0.75	0.5	0.5	0.00	0.51	0.51	0.00	43	43	0.00
92MOB0136	92PH0429	16	14	6.67	0.91	0.83	4.60	0.13	0.11	8.33	5	5	0.00	8.67	7.69	5.99	160	140	6.67	0.5	0.5	0.00	0.27	0.24	5.88	20	18	5.26
92MOB0175	92PH0430	20	19	2.56	1.77	1.80	0.84	0.21	0.22	2.33	5	10	33.33	7.69	7.62	0.46	275	280	0.90	0.5	0.5	0.00	0.41	0.41	0.00	32	31	1.59
92MOB0231	92PH0431	60	62	1.64	2.93	2.98	0.85	0.86	0.86	0.00	5	10	33.33	4.10	4.10	0.00	290	295	0.85	0.5	0.5	0.00	0.37	0.37	0.00	52	53	0.95
92MOB0260	92PH0432	73	74	0.68	2.59	2.69	1.89	0.60	0.63	2.44	5	20	60.00	5.34	5.42	0.74	305	315	1.61	0.5	0.5	0.00	0.47	0.48	1.05	29	29	0.00
92MOB0329	92PH0433	68	69	0.73	4.52	4.68	1.74	1.40	1.43	1.06	20	20	0.00	2.57	2.64	1.34	420	435	1.75	0.5	0.5	0.00	0.52	0.54	1.89	67	70	2.19
92MOB1019	92PH0437	50	48	2.04	1.85	1.81	1.09	0.26	0.26	0.00	5	10	33.33	5.71	5.50	1.87	420	410	1.20	0.5	0.5	0.00	0.45	0.43	2.27	27	27	0.00
92MOB1078	92PH0438	76	73	2.01	4.17	3.96	2.58	0.57	0.49	7.55	20	10	33.33	5.62	5.33	2.65	450	430	2.27	0.5	0.5	0.00	0.75	0.73	1.35	46	43	3.37
92MOB1120	92PH0439	20	19	2.56	1.33	1.27	2.31	0.15	0.12	11.11	5	10	33.33	6.52	6.63	0.84	220	220	0.00	0.5	0.5	0.00	0.32	0.30	3.30	22	19	7.32
92MOB1168	92PH0440	126	135	3.45	5.47	5.80	2.93	0.89	0.97	4.30	30	30	0.00	1.75	1.88	3.58	295	315	3.28	0.5	0.5	0.00	0.83	0.89	3.49	144	155	3.68
93JC0040	93PL0361	67	69	1.47	6.69	6.74	0.37	0.96	0.94	1.05	40	40	0.00	2.19	2.19	0.00	545	560	1.36	1	2	33.33	0.58	0.60	1.69	83	85	1.19
93JC0042	93PL0366	111	106	2.30	5.91	6.17	2.15	0.61	0.60	0.83	20	20	0.00	2.17	2.26	2.03	375	370	0.67	0.5	0.5	0.00	0.71	0.71	0.00	59	57	1.72
93JC0079	93PL0362	71	73	1.39	4.39	4.51	1.35	0.90	0.92	1.10	5	5	0.00	2.90	2.97	1.19	390	395	0.64	1	1	0.00	0.52	0.53	0.95	52	54	1.89
93MOB0003	93PL0267	32	35	4.48	1.71	1.90	5.26	0.25	0.27	3.85	5	5	0.00	5.07	5.57	4.70	275	285	1.79	0.5	0.5	0.00	0.40	0.40	0.00	48	50	2.04
93MOB0035	93PL0268	45	45	0.00	3.43	3.34	1.33	0.46	0.38	9.52	5	5	0.00	3.26	3.23	0.46	330	320	1.54	0.5	0.5	0.00	0.52	0.49	2.97	42	39	3.70
93MOB0045	93PL0270	50	55	4.76	3.19	3.41	3.33	0.66	0.64	1.54	5	5	0.00	4.57	4.98	4.29	355	370	2.07	0.5	0.5	0.00	0.41	0.41	0.00	31	33	3.13
93MOB0056	93PL0271	47	48	1.05	3.76	3.76	0.00	0.86	0.80	3.61	20	5	60.00	3.38	3.48	1.46	405	400	0.62	0.5	0.5	0.00	0.58	0.56	1.75	44	42	2.33
93MOB0076	93PL0272	51	55	3.77	4.12	4.18	0.72	0.86	0.87	0.58	30	5	71.43	3.19	3.32	2.00	410	420	1.20	0.5	1	33.33	0.53	0.53	0.00	46	47	1.08
93MOB0101	93PL0273	55	56	0.90	3.03	3.30	4.27	0.39	0.45	7.14	5	5	0.00	3.98	4.24	3.16	315	325	1.56	0.5	0.5	0.00	0.46	0.48	2.13	49	51	2.00
93MOB0137	93PL0363	66	66	0.00	4.14	4.14	0.00	1.11	1.12	0.45	10	10	0.00	4.00	3.98	0.25	465	465	0.00	0.5	0.5	0.00	0.40	0.39	1.27	52	49	2.97
93MOB0178	93PL0351	40	42	2.44	2.85	3.00	2.56	0.32	0.39	9.86	5	5	0.00	5.23	5.40	1.60	260	270	1.89	1	0.5	33.33	0.70	0.71	0.71	35	39	5.41
93MOB0197	93PL0352	170	167	0.89	6.06	5.99	0.58	0.41	0.47	6.82	5	5	0.00	4.61	4.53	0.88	445	435	1.14	1	1	0.00	0.57	0.58	0.87	51	51	0.00
93MOB0222	93PL0353	56	60	3.45	2.76	2.92	2.82	0.61	0.68	5.43	5	5	0.00	5.78	6.11	2.78	350	370	2.78	1	1	0.00	0.48	0.50	2.04	45	50	5.26
93MOB0245	93PL0354	51	53	1.92	2.82	2.84	0.35	0.47	0.49	2.08	5	5	0.00	4.88	4.91	0.31	305	315	1.61	1	0.5	33.33	0.49	0.49	0.00	28	28	0.00
93MOB1038	93PL0274	43	42	1.18	2.41	2.48	1.43	0.40	0.39	1.27	5	5	0.00	5.06	5.13	0.69	290	285	0.87	0.5	0.5	0.00	0.84	0.83	0.60	30	29	1.69
93MOB1079	93PL0276	93	93	0.00	4.29	4.24	0.59	0.71	0.68	2.16	5	5	0.00	3.34	3.31	0.45	400	395	0.63	0.5	0.5	0.00	0.80	0.82	1.23	56	56	0.00
93MOB1114	93PL0356	52	55	2.80	2.24	2.32	1.75	0.35	0.36	1.41	5	5	0.00	7.09	7.25	1.12	375	395	2.60	0.5	0.5	0.00	0.32	0.34	3.03	21	22	2.33
93MOB1130	93PL0364	187	196	2.35	3.18	3.30	1.85	0.39	0.40	1.27	5	5	0.00	1.84	1.89	1.34	245	255	2.00	0.5	0.5	0.00	0.51	0.52	0.97	35	36	1.41
93MOB1154	93PL0357	69	75	4.17	4.03	4.44	4.84	0.39	0.43	4.88	5	5	0.00	3.44	3.77	4.58	335	375	5.63	1	1	0.00	0.52	0.57	4.59	44	48	4.35
93MOB1166	93PL0358	70	70	0.00	3.76	3.62	1.90	0.69	0.69	0.00	5	5	0.00	4.36	4.14	2.59	340	335	0.74	1	0.5	33.33	0.44	0.42	2.33	46	45	1.10
93MOB1183	93PL0359	71	76	3.40	3.21	3.29	1.23	0.59	0.62	2.48	5	5	0.00	4.53	4.56	0.33	355	380	3.40	0.5	0.5	0.00	0.42	0.44	2.33	46	50	4.17
95MOB0009	95PL0276	66	64	1.54	6.22	6.34	0.96	0.78	0.80	1.27	10	10	0.00	1.81	1.84	0.82	305	310	0.81	1	0.5	33.33	0.78	0.79	0.64	93	95	1.06
95MOB0040	95PL0278	127	126	0.40	3.85	3.64	2.80	0.58	0.56	1.75	10	10	0.00	2.65	2.49	3.11	305	285	3.39	0.5	0.5	0.00	0.77	0.75	1.32	51	52	0.97
94JC0007	94PL0139	76	82	3.80	5.90	5.82	0.68	0.65	0.74	6.47	30	20	20.00	1.91	2.18	6.60	280	285	0.88	0.5	2	60.00	0.55	0.58	2.65	64	64	0.00
94JC0045	94PL0140	61	64	2.40	5.29	4.98	3.02	1.09	1.16	3.11	30	30	0.00	1.76	1.89	3.56	340	330	1.49	0.5	1	33.33	0.63	0.65	1.56	60	57	2.56
94JC0076	94PL0142	58	56	1.75	3.58	3.44	1.99	0.69	0.70	0.72	5	10	33.33	4.67	5.27	6.04	515	495	1.98	0.5	0.5	0.00	0.43	0.40	3.61	48	44	4.35
94JC0109	94PL0143	72	75	2.04	4.62	4.88	2.74	0.69	0.80	7.38	30	20	20.00	2.26	2.73	9.42	395	410	1.86	0.5	0.5	0.00	0.71	0.71	0.00	58	62	3.33
94MOB0003	94PL0121	132	141	3.30	4.75	4.79	0.42	0.44	0.37	8.64	10	5	33.33	5.40	4.64	7.57	405	415	1.22	0.5	0.5	0.00	0.39	0.40	1.27	40	42	2.44
94MOB0023	94PL0122	140	136	1.45	5.18	4.90	2.78	0.36	0.28	12.50	10	10	0.00	2.02	1.86	4.12	400	380	2.56	0.5	1	33.33	0.49	0.49	0.00	41	41	0.00
94MOB0070	94PL0123	118	115	1.29	5.77	5.45	2.85	0.53	0.39	15.22	20	20	0.00	4.60	4.29	3.49	625	600	2.04	0.5	0.5	0.00	0.45	0.44	1.12	188	183	1.35
94MOB0084	94PL0124	255	247	1.59	11.10	10.55	2.54	0.53	0.44	9.28	20	20	0.00	2.36	2.19	3.74	510	485	2.51	0.5	2	60.00	0.55	0.54	0.92	81	77	2.53
94MOB0113	94PL0125	60	62	1.64	2.44	2.43	0.21	0.41	0.39	2.50	10	10	0.00	7.80	7.85	0.32	375	375	0.00	0.5	0.5	0.00	0.35	0.36	1.41	41	42	1.20
94MOB0145	94PL0127	80	81	0.62	5.77	5.43	3.04	0.61	0.63	1.61	20	10	33.33	1.81	1.96	3.98	340	325	2.26	1	1	0.00	0.69	0.69	0.00	52	49	2.97
94MOB0172	94PL0128	64	71	5.19	2.77	2.87	1.77	0.69	0.81	8.00	5	10	33.33	5.22	6.32	9.53	280	295	2.61	0.5	0.5	0.00	0.42	0.48	6.67	34	34	0.00
94MOB0183	94PL0129	31	32	1.59	1.65	1.61	1.23	0.29	0.32	4.92	5	10	33.33	4.75	5.37	6.13	210	205	1.20	0.5	0.5	0.00	0.36	0.37	1.37	24	24	0.00
94MOB0257	94PL0130	59	60	0.84	3.27	3.14	2.03	0.54	0.58	3.57	5	10	33.33	4.46	4.98	5.51	335	335	0.00	0.5	0.5	0.00	0.29	0.30	1.69	39	37	2.63
94MOB0291	94PL0131	53	55	1.85	3.39	3.33	0.89	0.85	0.93	4.49	5	20	60.00	3.83	4.40	6.93	285	290	0.87	0.5	0.5	0.00	0.37	0.40	3.90	43	43	0.00
94MOB0307	94PL0132	27	28	1.82	1.95	1.86	2.36	0.55	0.58	2.65	5	10	33.33	3.41	3.71	4.21	185	180	1.37	0.5	0.5	0.00	0.37	0.38	1.33	28	25	5.66
94MOB0327B	94PL0134	47	50	3.09	3.01	2.94	1.18	0.63	0.68	3.82	5	10	33.33	5.18	5.61	3.99	325	310	2.36	0.5	0.5	0.00	0.38	0.38	0.00	36	33	4.35
94MOB0346	94PL0135	58	60	1.69	4.52	4.25	3.08	1.09	1.13	1.80	20	20	0.00	2.76	2.97	3.66	430	415	1.78	0.5	0.5	0.00	0.42	0.42	0.00	48	46	2.13
94MOB1012	94PL0136	80	83	1.84	5.38	5.18	1.89	0.40	0.43	3.61	20	10	33.33	1.58	1.73	4.53	455	455	0.00	1	1	0.00	0.64	0.68	3.03	56	55	0.90
94MOB1034B	94PL0137	147	143	1.38	2.55	2.53	0.39	0.19	0.23	9.52	5	5	0.00	2.03	2.28	5.80	265	265	0.00	0.5	0.5	0.00	0.38	0.40	2.56	36	29	10.77
94MOB1069	94PL0138	203	199	1.00	7.19	6.76	3.08	0.59	0.64	4.07	20	20	0.00	2.36	2.56	4.07	665	640	1.92	1	1	0.00	0.60	0.62	1.64	34	32	3.03
Mean (precision)				**± 3.01%**			**± 2.07%**			**± 4.70%**			**± 13.75%**			**± 3.07%**			**± 1.94%**			**± 7.24%**			**± 1.65 %**			**± 2.43%**

Till geochemistry

Sample Number		P (ppm)			Pb (ppm)			Sb (ppm)			Sc (ppm)			Sr (ppm)			Ti (%)			V (ppm)			Zn (ppm)			Hg (ppb)		
Original	Duplicate	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)	Orig.	Dup.	Prec. (%)
91MOB0024	92PH0039				16	20	11.11	47	51	4.08	2.5	2.5	0.00	92	103	5.64				35	38	4.11	47	51	4.08	43	50	7.53
91MOB0033C	92PH0040				29	28	1.75	2.5	6	41.18	13	12	4.00	31	27	6.90				121	111	4.31	126	120	2.44	37	44	8.64
92JC0029	92PH0441	1420	1350	2.53	12	16	14.29	4	4	0.00	23	24	2.13	18	19	2.70	0.45	0.45	0.00	225	211	3.21	172	182	2.82	30	30	0.00
92JC0078	92PH0442	1960	2480	11.71	14	14	0.00	4	2	33.33	23	17	15.00	25	20	11.11	0.31	0.19	24.00	164	109	20.15	130	292	38.39	40	40	0.00
92MOB0027	92PH0434	1570	1550	0.64	12	10	9.09	4	1	60.00	10	10	0.00	66	65	0.76	0.19	0.18	2.70	77	76	0.65	80	80	0.00	40	40	0.00
92MOB0085	92PH0435	2570	2530	0.78	14	6	40.00	1	2	33.33	13	13	0.00	29	29	0.00	0.17	0.18	2.86	85	86	0.58	88	90	1.12	60	60	0.00
92MOB0136	92PH0429	1140	1020	5.56	4	1	60.00	1	2	33.33	3	2	20.00	35	31	6.06	0.03	0.03	0.00	21	19	5.00	14	12	7.69	60	40	20.00
92MOB0175	92PH0430	1590	1570	0.63	12	8	20.00	4	1	60.00	4	4	0.00	30	30	0.00	0.07	0.06	7.68	34	34	0.00	32	34	3.03	70	50	16.67
92MOB0231	92PH0431	1520	1490	1.00	12	10	9.09	1	2	33.33	9	9	0.00	46	46	0.00	0.21	0.19	5.00	80	79	0.63	72	74	1.37	30	30	0.00
92MOB0260	92PH0432	2010	2060	1.23	10	8	11.11	1	1	0.00	8	8	0.00	27	27	0.00	0.12	0.12	0.00	59	60	0.84	66	68	1.49	30	20	20.00
92MOB0329	92PH0433	1190	1350	6.30	8	8	0.00	2	1	33.33	14	15	3.45	45	47	2.17	0.20	0.23	6.98	110	115	2.22	142	148	2.07	20	20	0.00
92MOB1019	92PH0437	1870	1880	0.27	8	10	11.11	2	2	0.00	4	4	0.00	37	35	2.78	0.04	0.06	20.00	41	41	0.00	34	34	0.00	40	40	0.00
92MOB1078	92PH0438	4050	3950	1.25	12	12	0.00	2	2	0.00	14	13	3.70	29	27	3.57	0.10	0.09	5.26	88	81	4.14	66	64	1.54	40	40	0.00
92MOB1120	92PH0439	1580	1560	0.64	10	6	25.00	1	1	0.00	3	3	0.00	53	50	2.91	0.03	0.03	0.00	28	26	3.70	22	20	4.76	50	40	11.11
92MOB1168	92PH0440	2170	2260	2.03	8	8	0.00	2	1	33.33	15	16	3.23	21	23	4.55	0.24	0.23	2.13	101	108	3.35	108	114	2.70	30	30	0.00
93JC0040	93PL0361	2840	2900	1.05	4	8	33.33	2	1	33.33	20	20	0.00	25	22	6.38	0.25	0.22	6.38	140	138	0.72	144	144	0.00	90	90	0.00
93JC0042	93PL0366	2700	2650	0.93	1	4	60.00	1	1	0.00	18	18	0.00	24	23	2.13	0.39	0.43	4.88	160	163	0.93	134	138	1.47	50	70	16.67
93JC0079	93PL0362	2560	2670	2.10	2	2	0.00	1	2	33.33	14	14	0.00	42	44	2.33	0.17	0.19	5.56	102	106	1.92	106	108	0.93	50	50	0.00
93MOB0003	93PL0267	1810	1770	1.12	4	1	60.00	1	2	33.33	4	5	11.11	62	64	1.59	0.08	0.09	5.88	34	37	4.23	34	40	8.11	40	40	0.00
93MOB0035	93PL0268	3980	3750	2.98	6	2	50.00	2	2	0.00	9	8	5.88	74	50	19.35	0.06	0.05	9.09	56	55	0.90	56	54	1.82	100	100	0.00
93MOB0045	93PL0270	2090	2080	0.24	4	2	33.33	2	4	33.33	9	9	0.00	40	38	2.56	0.12	0.13	4.00	66	71	3.65	80	86	3.61	40	50	11.11
93MOB0056	93PL0271	3480	3320	2.35	4	2	33.33	1	2	33.33	11	11	0.00	30	26	7.14	0.16	0.16	0.00	88	87	0.57	100	102	0.99	40	30	14.29
93MOB0076	93PL0272	2450	2340	2.30	2	4	33.33	1	2	33.33	11	12	4.35	32	34	3.03	0.16	0.16	0.00	86	94	4.44	118	122	1.67	50	40	11.11
93MOB0101	93PL0273	1830	1960	3.43	4	4	0.00	2	2	0.00	7	8	6.67	38	68	28.30	0.05	0.07	16.67	54	59	4.42	70	76	4.11	60	60	0.00
93MOB0137	93PL0363	1830	1740	2.52	2	4	33.33	1	1	0.00	12	12	0.00	39	39	0.00	0.21	0.21	0.00	93	93	0.00	110	110	0.00	60	70	7.69
93MOB0178	93PL0351	2390	2520	2.65	2	1	33.33	1	2	33.33	8	9	5.88	31	40	12.68	0.09	0.11	10.00	51	53	1.92	68	72	2.86	90	90	0.00
93MOB0197	93PL0352	3090	3390	4.63	1	1	0.00	2	2	0.00	16	17	3.03	17	19	5.56	0.04	0.04	0.00	108	103	2.37	100	98	1.01	50	50	0.00
93MOB0222	93PL0353	2580	2640	1.15	2	1	33.33	1	2	33.33	8	9	5.88	27	29	3.57	0.15	0.14	3.45	66	67	0.75	66	72	4.35	60	60	0.00
93MOB0245	93PL0354	1950	1990	1.02	1	1	0.00	1	1	0.00	9	9	0.00	46	46	0.00	0.12	0.12	0.00	66	65	0.76	64	64	0.00	50	50	0.00
93MOB1038	93PL0274	6360	6310	0.39	2	1	33.33	2	1	33.33	7	7	0.00	34	35	1.45	0.07	0.08	6.67	60	59	0.84	54	56	1.82	50	50	0.00
93MOB1079	93PL0276	5240	5560	2.96	1	1	0.00	1	2	33.33	12	11	4.35	46	44	2.22	0.13	0.13	0.00	91	90	0.55	98	96	1.03	40	50	11.11
93MOB1114	93PL0356	1580	1720	4.24	1	1	0.00	2	2	0.00	7	8	6.67	26	27	1.89	0.07	0.07	0.00	45	47	2.17	50	52	1.96	50	50	0.00
93MOB1130	93PL0364	2880	2860	0.35	1	2	33.33	1	1	0.00	8	10	11.11	40	42	2.44	0.01	0.01	0.00	46	48	2.13	54	56	1.82	130	130	0.00
93MOB1154	93PL0357	2650	2870	3.99	2	1	33.33	4	2	33.33	12	13	4.00	22	24	4.35	0.15	0.15	0.00	73	80	4.58	86	92	3.37	80	80	0.00
93MOB1166	93PL0358	2980	2820	2.76	1	1	0.00	1	1	0.00	11	10	4.76	32	31	1.59	0.16	0.16	0.00	76	75	0.66	90	86	2.27	60	60	0.00
93MOB1183	93PL0359	1740	1950	5.69	1	1	0.00	1	1	0.00	9	10	5.26	31	34	4.62	0.13	0.13	0.00	63	67	3.08	76	78	1.30	70	70	0.00
95MOB0009	95PL0276	4910	4590	3.37	14	10	16.67	1	1	0.00	13	13	0.00	20	20	0.00	0.19	0.20	2.56	139	138	0.36	160	156	1.27	20	20	0.00
95MOB0040	95PL0278	3930	4030	1.26	1	1	0.00	1	1	0.00	10	11	4.76	37	34	4.23	0.14	0.14	0.00	79	83	2.47	72	72	0.00	40	40	0.00
94JC0007	94PL0139	2370	2270	2.16	4	14	55.56	4	2	33.33	16	18	5.88	11	13	8.33	0.37	0.37	0.00	127	140	4.87	106	110	1.85	10	30	50.00
94JC0045	94PL0140	1740	1720	0.58	6	12	33.33	1	4	60.00	15	15	0.00	33	33	0.00	0.24	0.24	0.00	100	104	1.96	118	114	1.72	20	20	0.00
94JC0076	94PL0142	1910	1820	2.41	2	4	33.33	2	2	0.00	10	10	0.00	50	49	1.01	0.11	0.12	4.35	75	78	1.96	78	76	1.30	70	60	7.69
94JC0109	94PL0143	2340	2500	3.31	8	8	0.00	2	1	33.33	13	14	3.70	24	29	9.43	0.14	0.16	6.67	88	102	7.37	108	116	3.57	10	30	50.00
94MOB0003	94PL0121	1590	1600	0.31	4	1	60.00	2	2	0.00	15	14	3.45	28	25	5.66	0.04	0.04	0.00	93	87	3.33	76	78	1.30	10	20	33.33
94MOB0023	94PL0122	1540	1540	0.00	8	6	14.29	1	4	60.00	14	12	7.69	23	16	17.95	0.16	0.14	6.67	104	96	4.00	98	94	2.08	10	10	0.00
94MOB0070	94PL0123	2110	2060	1.20	6	14	40.00	1	2	33.33	24	22	4.35	65	59	4.84	0.09	0.07	12.50	98	88	5.38	82	78	2.50	80	90	5.88
94MOB0084	94PL0124	2920	2860	1.04	12	16	14.29	8	8	0.00	33	31	3.13	25	22	6.38	0.13	0.12	4.00	151	142	3.07	98	94	2.08	230	210	4.55
94MOB0113	94PL0125	1910	1930	0.52	4	4	0.00	1	2	33.33	7	7	0.00	26	26	0.00	0.06	0.07	7.69	56	56	0.00	42	42	0.00	30	10	50.00
94MOB0145	94PL0127	2010	1950	1.52	2	16	77.78	1	1	0.00	13	13	0.00	20	19	2.56	0.22	0.23	2.22	114	122	3.39	118	114	1.72	20	30	20.00
94MOB0172	94PL0128	2150	2230	1.83	1	6	71.43	4	1	60.00	8	9	5.88	26	31	8.77	0.12	0.13	4.00	57	70	10.24	72	76	2.70	10	10	0.00
94MOB0183	94PL0129	1920	1780	3.78	4	2	33.33	2	2	0.00	4	4	0.00	34	37	4.23	0.08	0.08	0.00	32	39	9.86	36	36	0.00	30	20	20.00
94MOB0257	94PL0130	1570	1550	0.64	2	6	50.00	2	1	33.33	10	10	0.00	41	46	5.75	0.10	0.10	0.00	67	77	6.94	66	64	1.54	50	40	11.11
94MOB0291	94PL0131	1580	1550	0.96	4	8	33.33	4	2	33.33	10	10	0.00	43	48	5.49	0.17	0.17	0.00	79	90	6.51	82	82	0.00	30	30	0.00
94MOB0307	94PL0132	2220	2130	2.07	1	4	60.00	2	2	0.00	6	6	0.00	99	105	2.94	0.09	0.10	5.26	39	46	8.24	42	38	5.00	50	40	11.11
94MOB0327B	94PL0134	1680	1500	5.66	2	6	50.00	2	1	33.33	9	9	0.00	40	41	1.23	0.11	0.11	0.00	58	64	4.92	72	72	0.00	50	40	11.11
94MOB0346	94PL0135	1570	1530	1.29	2	14	75.00	2	1	33.33	13	13	0.00	37	38	1.33	0.19	0.19	0.00	102	104	0.97	116	114	0.87	20	10	33.33
94MOB1012	94PL0136	2390	2390	0.00	6	16	45.45	4	1	60.00	10	11	4.76	23	24	2.13	0.14	0.14	0.00	106	114	3.64	102	100	0.99	40	10	60.00
94MOB1034B	94PL0137	2360	2060	6.79	4	1	60.00	2	2	0.00	9	9	0.00	265	293	5.02	0.05	0.06	9.09	53	62	7.83	38	36	2.70	160	150	3.23
94MOB1069	94PL0138	1960	1870	2.35	1	6	71.43	4	1	60.00	28	29	1.75	25	26	1.96	0.14	0.15	3.45	114	118	1.72	184	180	1.10	260	270	1.89
Mean (precision)				**± 2.26%**			**± 27.78%**			**± 22.39%**			**± 3.03%**			**± 4.51%**			**± 4.48%**			**± 3.34%**			**± 2.63%**			**± 9.12%**

2) Control reference samples

Analyzed with humus samples:

Sample Number		Ag (ppm)		Al (%)		As (ppm)		Ba (ppm)		Bi (ppm)		Ca (%)		Cd (ppm)		Co (ppm)		Cr (ppm)		Cu (ppm)		Fe (%)		K (%)		La (ppm)		Mg (%)	
Original	Duplicate	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.
SBA	93PL0061	0.2	< 0.2	3.03	2.92	19	38	92	100	< 2	2	0.08	0.08	0.4	< 0.5	15	17	37	41	69	70	3.45	3.59	0.35	0.3	34	30	0.77	0.79
SBA	93PL0065	0.2	< 0.2	3.03	2.98	19	38	92	100	< 2	4	0.08	0.11	0.4	< 0.5	15	17	37	39	69	69	3.45	3.59	0.35	0.32	34	40	0.77	0.79
SBA	93PL0126	0.2	0.4	3.03	3.16	19	22	92	100	< 2	< 2	0.08	0.09	0.4	< 0.5	15	16	37	42	69	76	3.45	3.71	0.35	0.32	34	30	0.77	0.83
SBA	93PL0132	0.2	0.2	3.03	3.01	19	26	92	100	< 2	< 2	0.08	0.08	0.4	< 0.5	15	16	37	41	69	75	3.45	3.70	0.35	0.32	34	30	0.77	0.83
SBA	93PL0237	0.2	< 0.2	3.03	3.51	19	14	92	100	< 2	< 2	0.08	0.13	0.4	1	15	16	37	39	69	74	3.45	3.63	0.35	0.40	34	30	0.77	0.84
SBA	93PL0245	0.2	< 0.2	3.03	3.52	19	28	92	100	< 2	< 2	0.08	0.09	0.4	< 0.5	15	15	37	41	69	74	3.45	3.68	0.35	0.40	34	30	0.77	0.83
SBA	93PL0248	0.2	< 0.2	3.03	3.18	19	2	92	90	< 2	< 2	0.08	0.08	0.4	1	15	15	37	38	69	71	3.45	3.50	0.35	0.33	34	30	0.77	0.79
SBA	94PL0003	0.2	< 0.2	3.03	3.51	19	36	92	100	< 2	2	0.08	0.08	0.4	< 0.5	15	13	37	40	69	77	3.45	3.69	0.35	0.39	34	20	0.77	0.81
TCA-8010	95PL0280	< 0.2	< 0.2	1.01	0.99	5	2	34	30	< 2	< 2	0.47	0.46	< 0.5	< 0.5	9	7	29	27	37	33	1.83	1.66	0.07	0.06	20	20	0.44	0.43

Sample Number		Mn (ppm)		Mo (ppm)		Na (%)		Ni (ppm)		P (ppm)		Pb (ppm)		Sb (ppm)		Sc (ppm)		Sr (ppm)		Ti (%)		V (ppm)		Zn (ppm)		Hg (ppb)	
Original	Duplicate	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.
SBA	93PL0061	841	815		< 1	< 0.01	< 0.01	34	37	538	590	18	22	< 5	< 2		8	9	9	0.10	0.09	42	48	97	104		20
SBA	93PL0065	841	810		< 1	< 0.01	< 0.01	34	37	538	610	18	22	< 5	< 2		8	9	9	0.10	0.09	42	47	97	106		20
SBA	93PL0126	841	880		< 1	< 0.01	0.01	34	37	538	600	18	24	< 5	< 2		8	9	9	0.10	0.08	42	44	97	110		
SBA	93PL0132	841	880		< 1	< 0.01	0.01	34	36	538	600	18	22	< 5	< 2		8	9	8	0.10	0.07	42	43	97	110		
SBA	93PL0237	841	840		< 1	< 0.01	0.01	34	35	538	560	18	24	< 5	2		8	9	10	0.10	0.09	42	49	97	101		50
SBA	93PL0245	841	850		< 1	< 0.01	0.01	34	36	538	550	18	20	< 5	< 2		8	9	11	0.10	0.09	42	50	97	106		50
SBA	93PL0248	841	805		< 1	< 0.01	0.01	34	35	538	540	18	22	< 5	< 2		8	9	9	0.10	0.08	42	46	97	100		40
SBA	94PL0003	841	835		2	< 0.01	< 0.01	34	35	538	570	18	28	< 5	< 2		7	9	11	0.10	0.09	42	50	97	106		20
TCA-8010	95PL0280	282	210	< 1	< 1	0.02	0.01	18	16	526	530	6	2	3	< 2	6	6	22	25	0.09	0.09	32	31	31	32		40

Analyzed with till samples:

Sample Number		Ag (ppm)		Al (%)		As (ppm)		Ba (ppm)		Bi (ppm)		Ca (%)		Cd (ppm)		Co (ppm)		Cr (ppm)		Cu (ppm)		Fe (%)		K (%)		La (ppm)		Mg (%)	
Original	Duplicate	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.
SBA	92PH0038	0.2	< 0.2	3.03	3.26	19	< 5	92	92	< 2	< 5	0.08	0.09	0.4	1.2	15	18	37	40	69	73	3.45	4.01	0.35	0.36	34	35	0.77	2.04
SBA	92PH0041	0.2	< 0.2	3.03	2.94	19	< 5	92	85	< 2	< 5	0.08	0.08	0.4	0.7	15	17	37	36	69	68	3.45	3.75	0.35	0.32	34	31	0.77	1.90
SBA	92PH0428	0.2	< 0.2	3.03	3.22	19	22	92	90	< 2	2	0.08	0.08	0.4	< 0.5	15	14	37	36	69	71	3.45	3.51	0.35	0.35	34	30	0.77	0.77
SBA	92PH0436	0.2	< 0.2	3.03	3.13	19	24	92	90	< 2	< 2	0.08	0.09	0.4	< 0.5	15	15	37	36	69	72	3.45	3.53	0.35	0.32	34	30	0.77	0.78
SBA	92PH0443	0.2	< 0.2	3.03	3.22	19	20	92	90	< 2	< 2	0.08	0.49	0.4	< 0.5	15	24	37	189	69	34	3.45	5.28	0.35	0.69	34	10	0.77	2.40
SBA	93PL0269	0.2	< 0.2	3.03	2.56	19	26	92	80	< 2	< 2	0.08	0.06	0.4	< 0.5	15	14	37	40	69	63	3.45	3.51	0.35	0.26	34	20	0.77	0.76
SBA	93PL0275	0.2	< 0.2	3.03	2.81	19	24	92	90	< 2	< 2	0.08	0.06	0.4	< 0.5	15	15	37	41	69	68	3.45	3.66	0.35	0.28	34	30	0.77	0.80
SBA	93PL0355	0.2	0.8	3.03	3.24	19	30	92	100	< 2	< 2	0.08	0.10	0.4	< 0.5	15	15	37	40	69	72	3.45	3.72	0.35	0.35	34	30	0.77	0.83
SBA	93PL0360	0.2	0.6	3.03	3.02	19	30	92	90	< 2	< 2	0.08	0.09	0.4	< 0.5	15	15	37	40	69	70	3.45	3.63	0.35	0.31	34	30	0.77	0.80
SBA	93PL0365	0.2	0.2	3.03	2.99	19	28	92	90	< 2	< 2	0.08	0.07	0.4	< 0.5	15	14	37	41	69	65	3.45	3.54	0.35	0.32	34	30	0.77	0.78
SBA	93PL0590	0.2	< 0.2	3.03	3.11	19	18	92	90	< 2	< 2	0.08	0.08	0.4	< 0.5	15	14	37	41	69	73	3.45	3.39	0.35	0.32	34	30	0.77	0.81
SBA	94PL0126	0.2	0.2	3.03	2.89	19	28	92	90	< 2	< 2	0.08	0.09	0.4	< 0.5	15	13	37	37	69	69	3.45	3.41	0.35	0.32	34	30	0.77	0.83
SBA	94PL0133	0.2	0.2	3.03	2.98	19	26	92	90	< 2	< 2	0.08	0.09	0.4	0.5	15	14	37	39	69	70	3.45	3.46	0.35	0.33	34	30	0.77	0.83
SBA	94PL0141	0.2	0.2	3.03	2.77	19	20	92	90	< 2	< 2	0.08	0.07	0.4	0.5	15	13	37	39	69	67	3.45	3.35	0.35	0.30	34	30	0.77	0.79
TCA-8010	95PL0277	< 0.2	< 0.2	1.01	1.16	5	12	34	30	< 2	< 2	0.47	0.47	< 0.5	< 0.5	9	9	29	33	37	41	1.83	1.90	0.07	0.05	20	10	0.44	0.52

SBA: analyzed at Bondar-Clegg by ICP-AES, nitric aqua regia digestion
TCA-8010: < 0.063 mm fraction analyzed at Chemex by ICP-AES, nitric aqua regia digestion

Appendix X: Analytical Quality Control

Sample Number		Mn (ppm)		Mo (ppm)		Na (%)		Ni (ppm)		P (ppm)		Pb (ppm)		Sb (ppm)		Sc (ppm)		Sr (ppm)		Ti (%)		V (ppm)		Zn (ppm)		Hg (ppb)	
Original	Duplicate	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.	Orig.	Dup.
SBA	92PH0038	841	1017		< 1	< 0.01	0.07	34	41	538		18	37	< 5	< 5		6	9	9	0.10		42	48	97	122		17
SBA	92PH0041	841	999		1	< 0.01	0.06	34	39	538		18	33	< 5	< 5		6	9	8	0.10		42	44	97	113		14
SBA	92PH0428	841	780		< 1	< 0.01	0.01	34	32	538	490	18	20	< 5	< 2		8	9	9	0.10	0.09	42	45	97	102		40
SBA	92PH0436	841	795		< 1	< 0.01	0.01	34	34	538	510	18	22	< 5	2		8	9	9	0.10	0.10	42	45	97	102		30
SBA	92PH0443	841	400		< 1	< 0.01	0.01	34	35	538	520	18	22	< 5	2		8	9	9	0.10	0.09	42	44	97	102		40
SBA	93PL0269	841	790		1	< 0.01	< 0.01	34	32	538	540	18	20	< 5	2		7	9	7	0.10	0.09	42	45	97	98		50
SBA	93PL0275	841	825		< 1	< 0.01	< 0.01	34	34	538	560	18	18	< 5	2		8	9	8	0.10	0.09	42	46	97	104		50
SBA	93PL0355	841	835		1	< 0.01	0.01	34	36	538	580	18	20	< 5	< 2		8	9	9	0.10	0.10	42	47	97	110		60
SBA	93PL0360	841	820		1	< 0.01	0.01	34	35	538	550	18	18	< 5	2		8	9	8	0.10	0.09	42	44	97	106		60
SBA	93PL0365	841	810		< 1	< 0.01	< 0.01	34	32	538	520	18	20	< 5	< 2		8	9	8	0.10	0.10	42	45	97	104		70
SBA	93PL0590	841	790		< 1	< 0.01	0.01	34	33	538	570	18	20	< 5	< 2		8	9	8	0.10	0.08	42	46	97	100		10
SBA	94PL0126	841	775		< 1	< 0.01	0.01	34	33	538	540	18	22	< 5	< 2		8	9	8	0.10	0.09	42	46	97	100		10
SBA	94PL0133	841	790		< 1	< 0.01	0.01	34	33	538	540	18	20	< 5	2		8	9	8	0.10	0.09	42	46	97	100		30
SBA	94PL0141	841	760		< 1	< 0.01	0.01	34	32	538	540	18	18	< 5	2		7	9	8	0.10	0.09	42	45	97	96		60
TCA-8010	95PL0277	282	270	< 1	< 1	0.02	0.01	18	18	526	570	6	4	3	< 2	6	6	22	22	0.09	0.09	32	35	31	32		40

SBA: analyzed at Bondar-Clegg by ICP-AES, nitric aqua regia digestion
TCA-8010: < 0.063 mm fraction analyzed at Chemex by ICP-AES, nitric aqua regia digestion

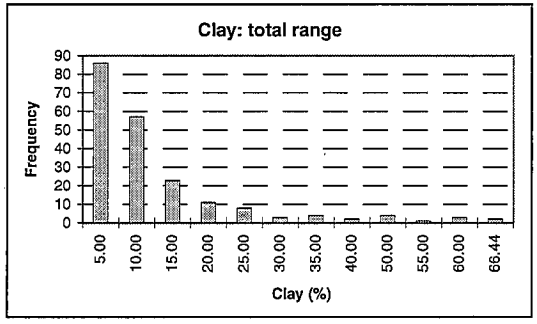
APPENDIX XI. Textural Plots and Statistics

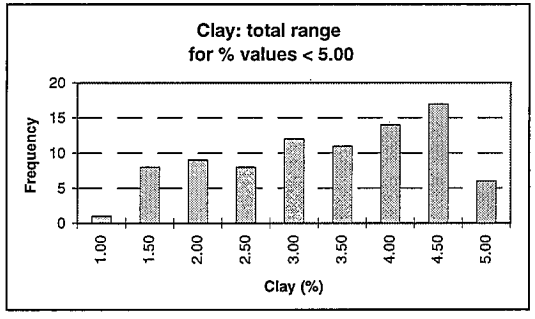
Distribution of clay content (%) in till and diamicton matrix
Distribution of silt content (%) in till and diamicton matrix
Distribution of sand content (%) in till and diamicton matrix

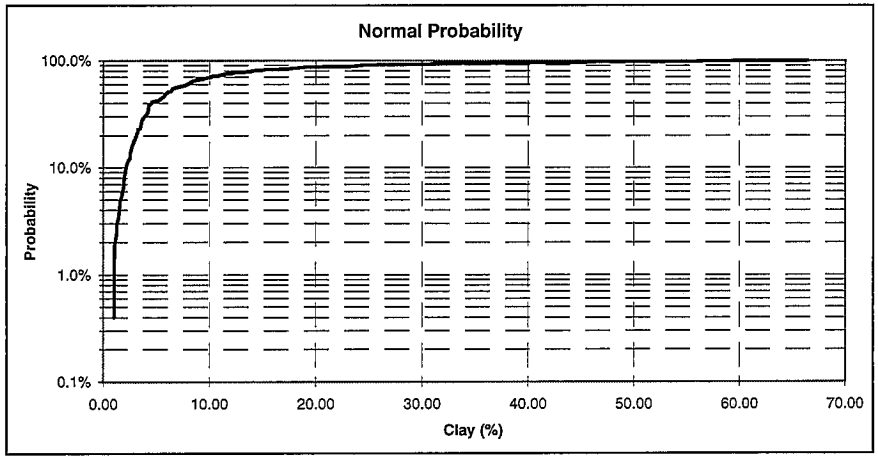
Diamicton texture
Clay (%)
in <2 mm fraction

Descriptive Statistics

Mean	10.51
Standard Error	0.86
Median	6.025
Mode	3.53
Standard Deviation	12.22
Sample Variance	149.21
Kurtosis	6.557
Skewness	2.51
Range	65.52
Minimum	0.92
Maximum	66.44
Sum	2144.65
Count	204
Confidence Level (95.0%)	1.68
Maximum	66.44
99th percentile	59.51
98th percentile	56.00
95th percentile	37.82
90th percentile	24.03
75th percentile	11.27
Median	5.99
25th percentile	3.53
5th percentile	1.61
Minimum	0.92



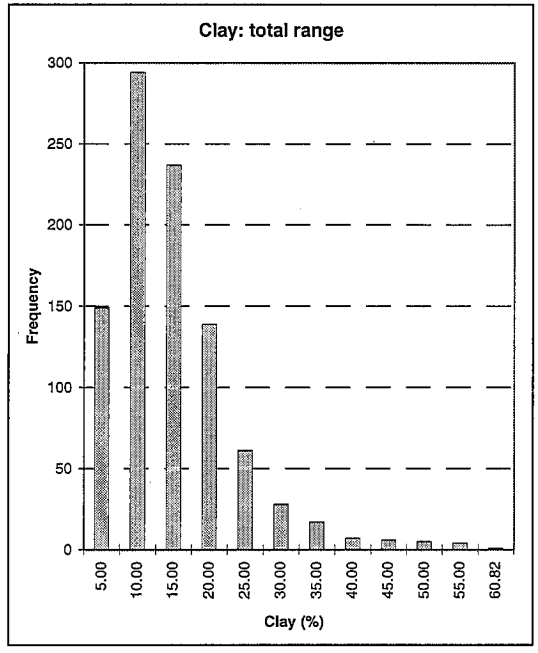


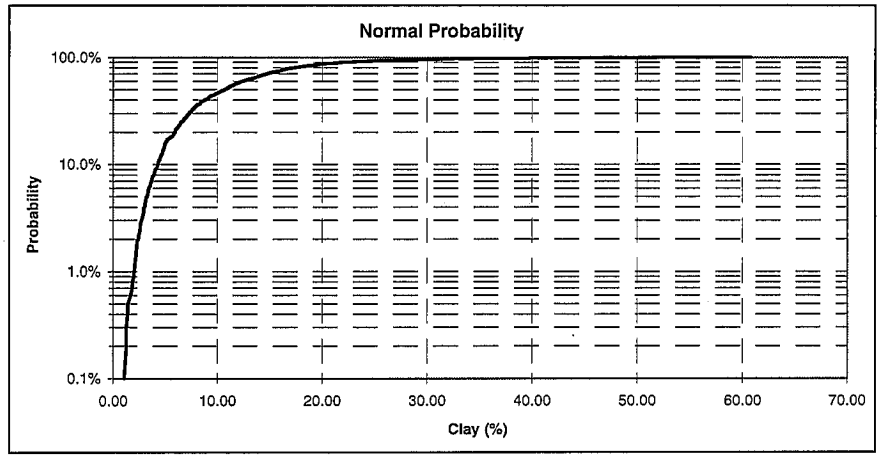


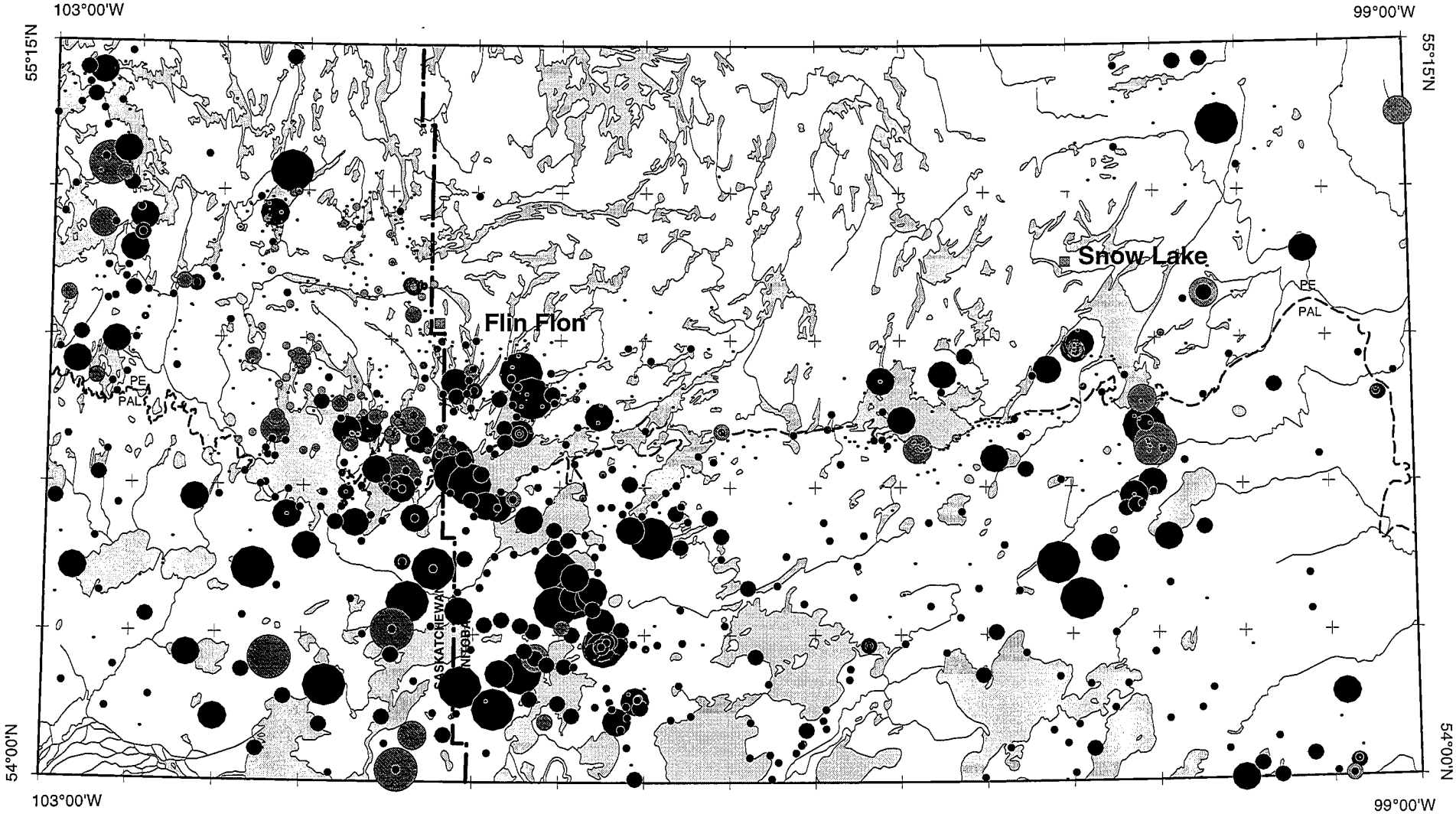
Till texture
Clay (%)
in < 2mm fraction

Descriptive Statistics

Mean	12.44
Standard Error	0.27
Median	10.70
Mode	8.34
Standard Deviation	8.41
Sample Variance	70.67
Kurtosis	4.766
Skewness	1.80
Range	59.98
Minimum	0.84
Maximum	60.82
Sum	11788.79
Count	948
Confidence Level (95.0%)	0.54
Maximum	60.82
99th percentile	45.38
98th percentile	39.49
95th percentile	28.41
90th percentile	21.94
75th percentile	16.01
Median	10.70
25th percentile	6.56
5th percentile	3.26
Minimum	0.84







Clay

in till

MIN.	MAX.	%TILE	#SAMP
0.84	10.00	46.7	443
10.00	18.00	81.8	332
18.00	24.00	91.7	94
24.00	35.00	97.6	56
35.00	60.82	100	23

in diamicton

MIN.	MAX.	%TILE	#SAMP
0.92	7.00	55.9	114
7.00	15.00	81.4	52
15.00	30.00	92.2	22
30.00	50.00	97.1	10
50.00	66.50	100	6

Clay (%)

TILL AND DIAMICTON TEXTURE

NATMAP SHIELD MARGIN AREA

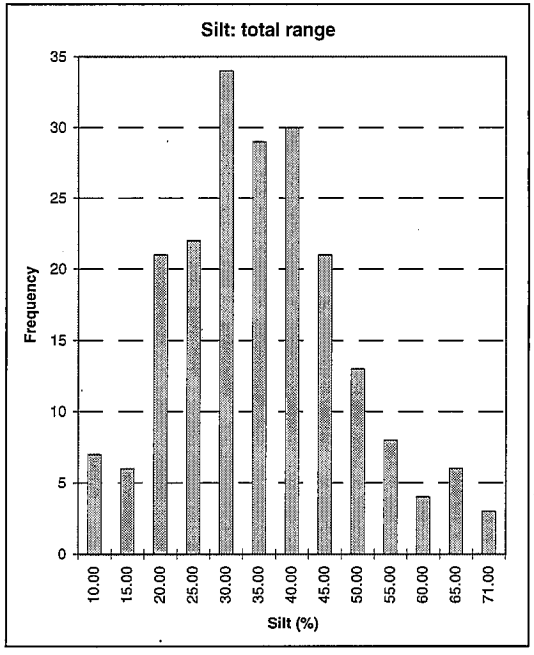
Km 5 0 5 10 15 Km

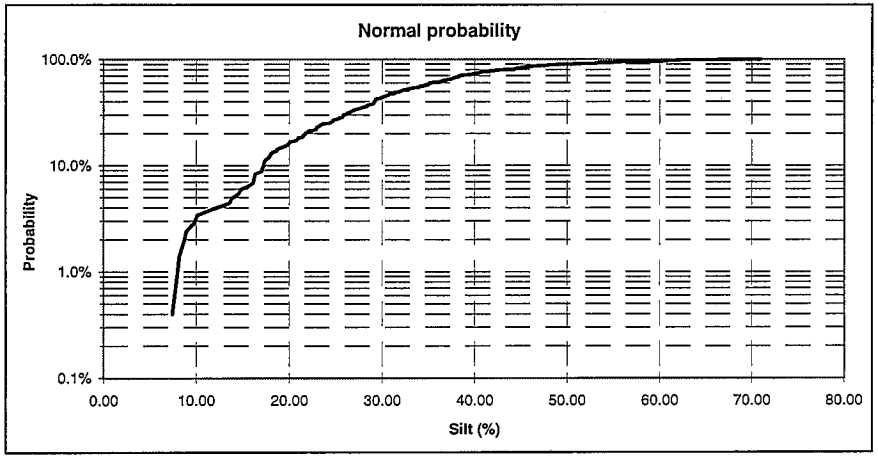
1 : 1 100 000

Diamicton texture
Silt (%)
in < 2mm fraction

Descriptive Statistics

Mean	33.02
Standard Error	0.91
Median	31.985
Mode	28.370
Standard Deviation	12.96
Sample Variance	168.04
Kurtosis	0.088
Skewness	0.43
Range	63.70
Minimum	7.30
Maximum	71.00
Sum	6735.50
Count	204
Confidence Level (95.0%)	1.78
Maximum	71.00
99th percentile	66.38
98th percentile	62.01
95th percentile	56.39
90th percentile	49.47
75th percentile	40.55
Median	31.93
25th percentile	23.67
5th percentile	13.84
Minimum	7.30

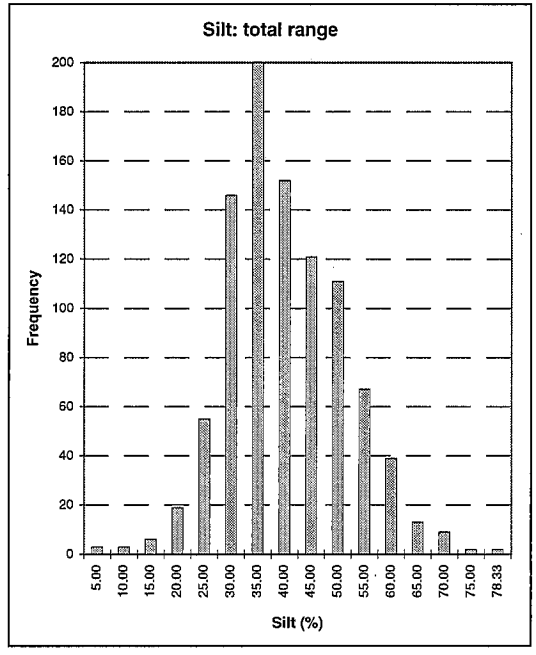


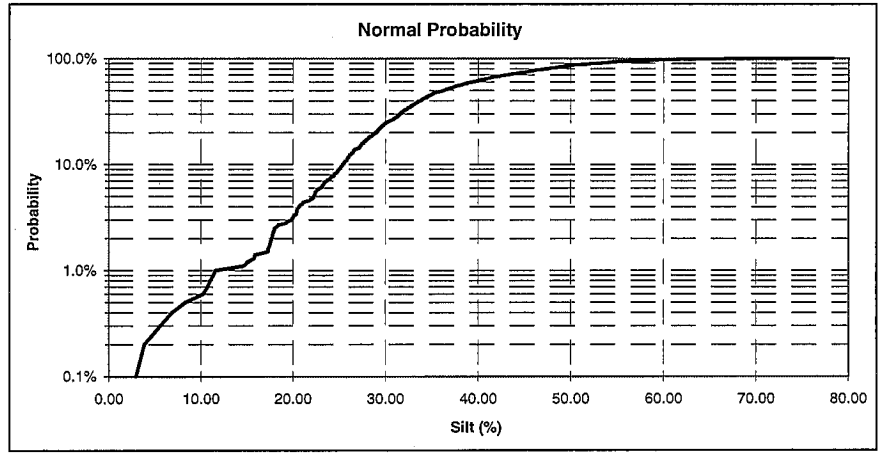


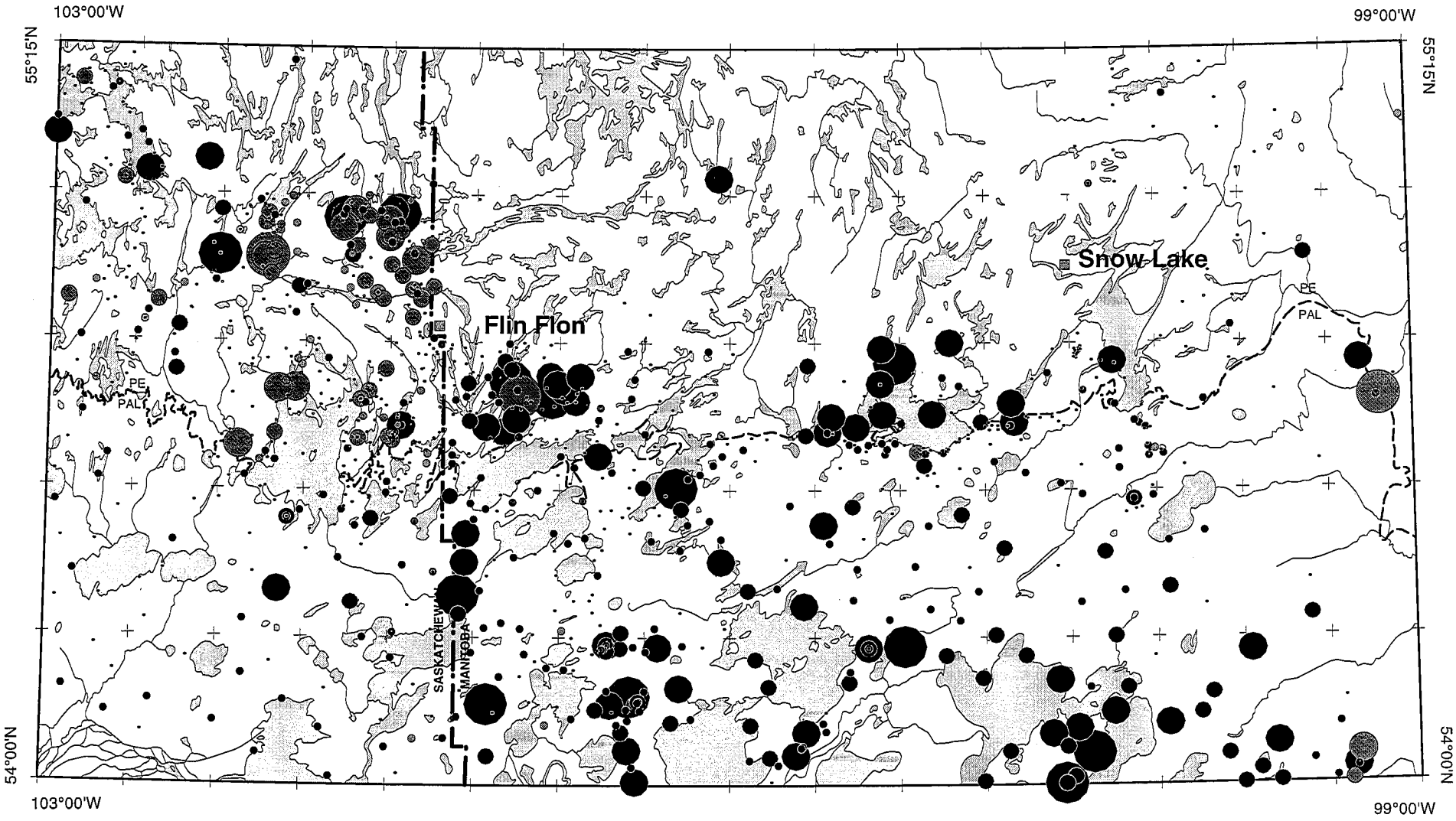
Till texture
Silt (%)
in < 2mm fraction

Descriptive Statistics

Mean	37.81
Standard Error	0.36
Median	36.33
Mode	32.38
Standard Deviation	11.13
Sample Variance	123.94
Kurtosis	0.388
Skewness	0.34
Range	77.02
Minimum	1.31
Maximum	78.33
Sum	35842.66
Count	948
Confidence Level (95.0%)	0.71
Maximum	78.33
99th percentile	66.62
98th percentile	62.90
95th percentile	57.69
90th percentile	52.97
75th percentile	45.50
Median	36.33
25th percentile	30.20
5th percentile	22.26
Minimum	1.31







Silt (%)

TILL AND DIAMICTON TEXTURE

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

Silt

in till

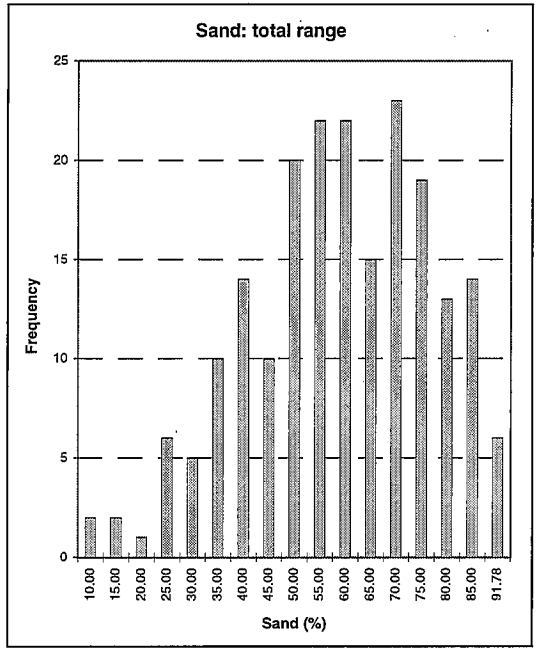
MIN.	MAX.	%TILE	#SAMP
1.31	40.00	61.6	584
40.00	50.00	86.0	231
50.00	55.00	93.1	68
55.00	65.00	98.6	52
65.00	78.33	100	13

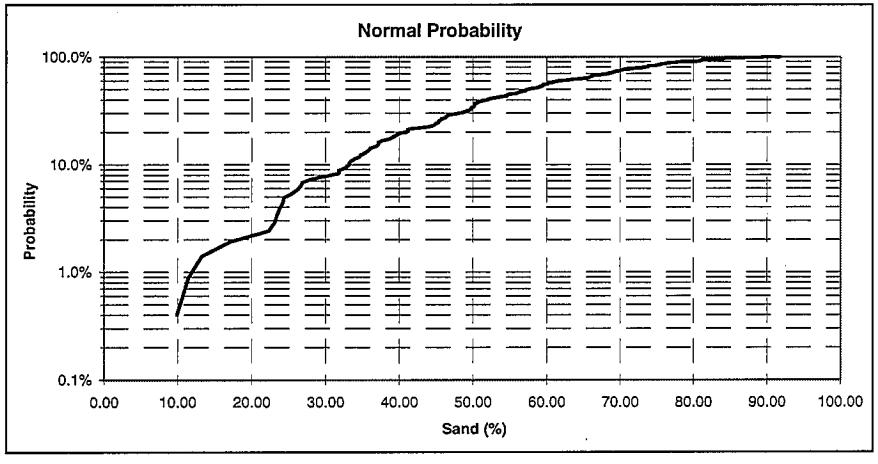
in diamicton

MIN.	MAX.	%TILE	#SAMP
7.30	35.00	58.3	119
35.00	42.00	77.9	40
42.00	55.00	93.6	32
55.00	65.00	98.5	10
65.00	71.00	100	3

Diamicton texture
Sand (%)
in < 2mm fraction

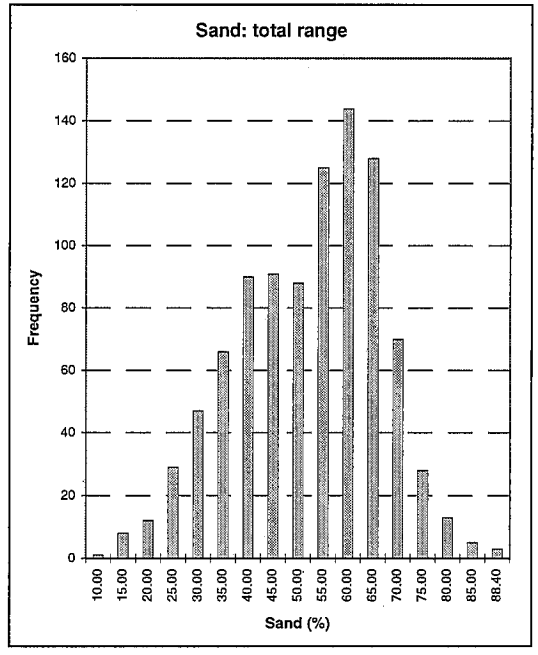
Descriptive Statistics	
Mean	56.47
Standard Error	1.25
Median	57.40
Mode	37.10
Standard Deviation	17.87
Sample Variance	319.48
Kurtosis	-0.396
Skewness	-0.34
Range	83.04
Minimum	8.74
Maximum	91.78
Sum	11519.86
Count	204
Confidence Level (95.0%)	2.45
Maximum	91.78
99th percentile	89.31
98th percentile	86.75
95th percentile	83.29
90th percentile	77.88
75th percentile	70.11
Median	57.35
25th percentile	45.30
5th percentile	24.39
Minimum	8.74

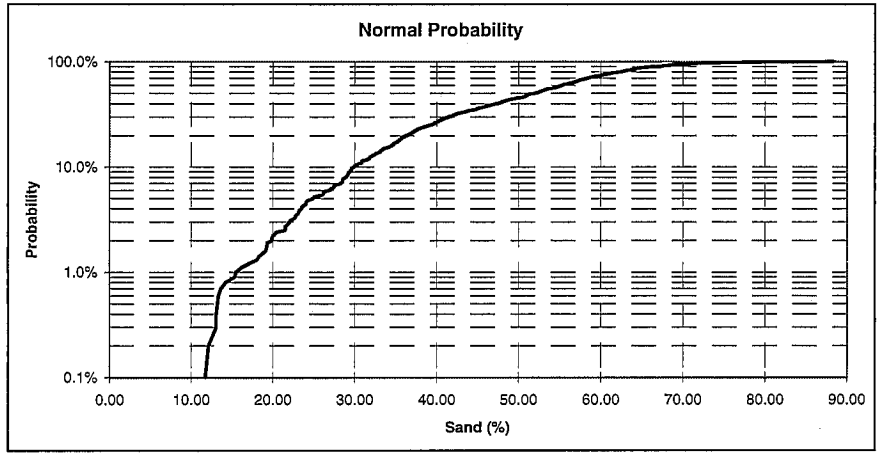


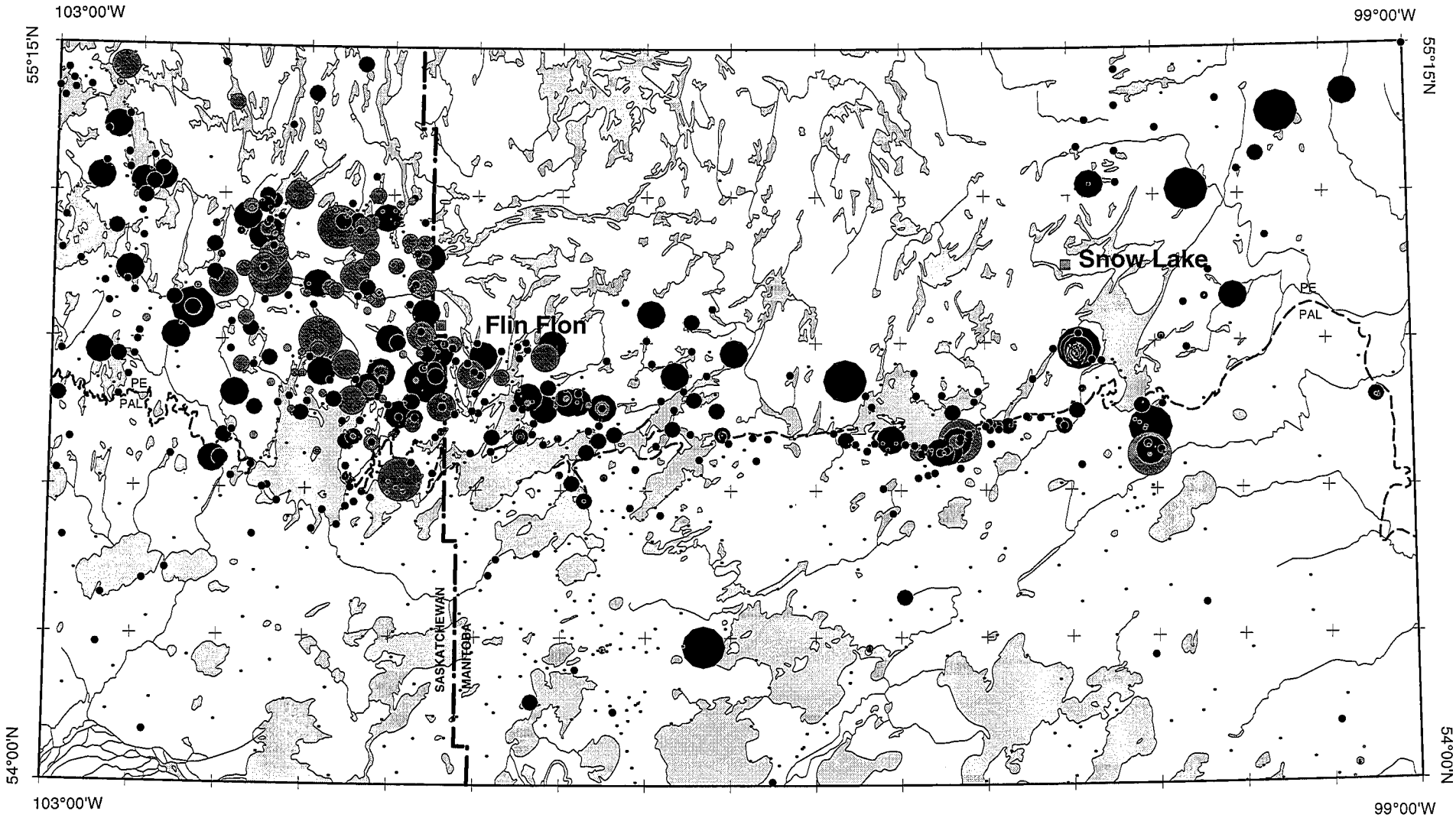


Till texture
Sand (%)
in < 2mm fraction

Descriptive Statistics	
Mean	49.75
Standard Error	0.46
Median	51.945
Mode	52.380
Standard Deviation	14.29
Sample Variance	204.29
Kurtosis	-0.398
Skewness	-0.27
Range	79.37
Minimum	9.03
Maximum	88.40
Sum	47163.24
Count	948
Confidence Level (95.0%)	0.91
Maximum	88.40
99th percentile	79.44
98th percentile	76.58
95th percentile	70.14
90th percentile	67.25
75th percentile	60.32
Median	51.96
25th percentile	39.18
5th percentile	24.87
Minimum	9.03







Sand

in till

MIN.	MAX.	%TILE	#SAMP
9.03	55.00	58.8	557
55.00	65.00	87.4	272
65.00	70.00	94.8	70
70.00	80.00	99.2	41
80.00	88.40	100	8

in diamicton

MIN.	MAX.	%TILE	#SAMP
8.74	60.00	55.9	114
60.00	70.00	74.5	38
70.00	80.00	90.2	32
80.00	85.00	97.1	14
85.00	91.78	100	6

Sand (%)

TILL AND DIAMICTON TEXTURE

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

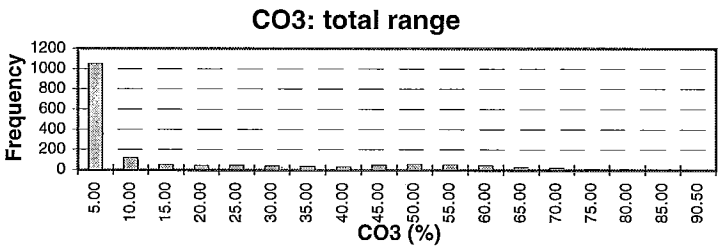
APPENDIX XII. Till Carbonate Content Plots and Statistics

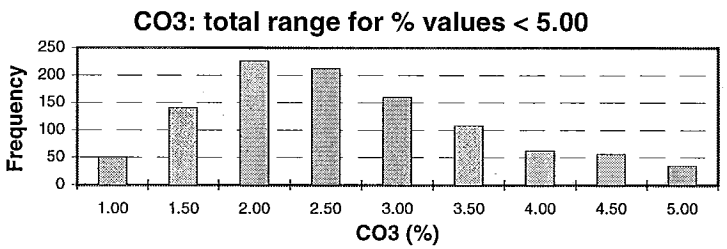
Carbonate Content (< 63 µm)

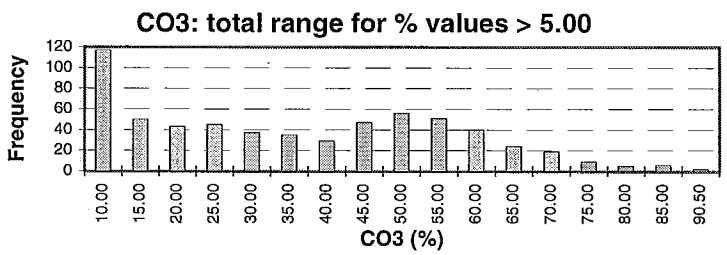
Total CO3 (%)

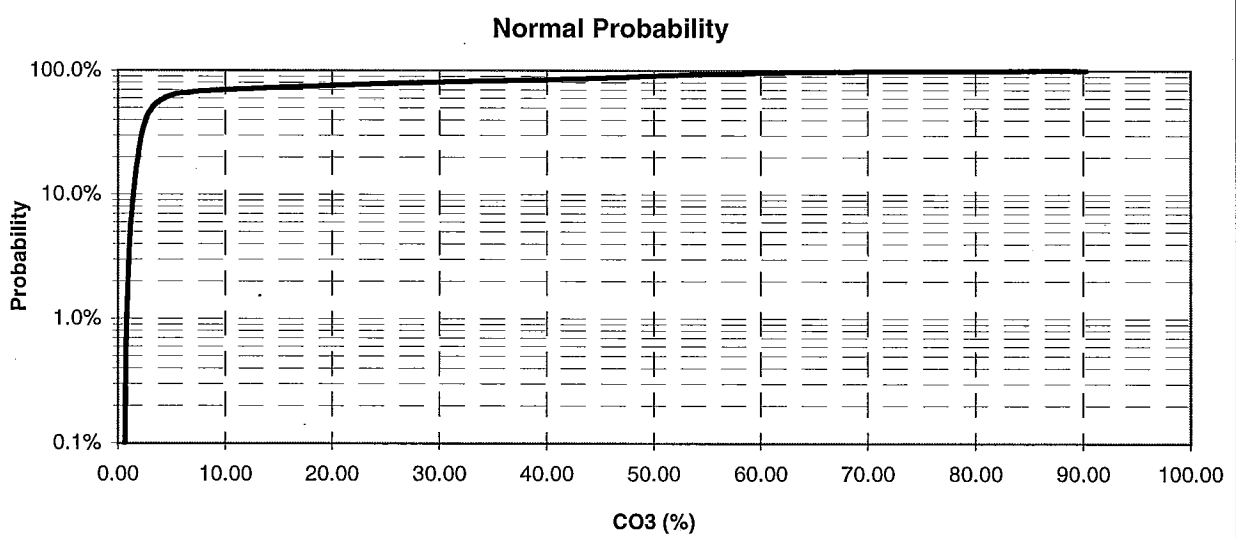
by AAS

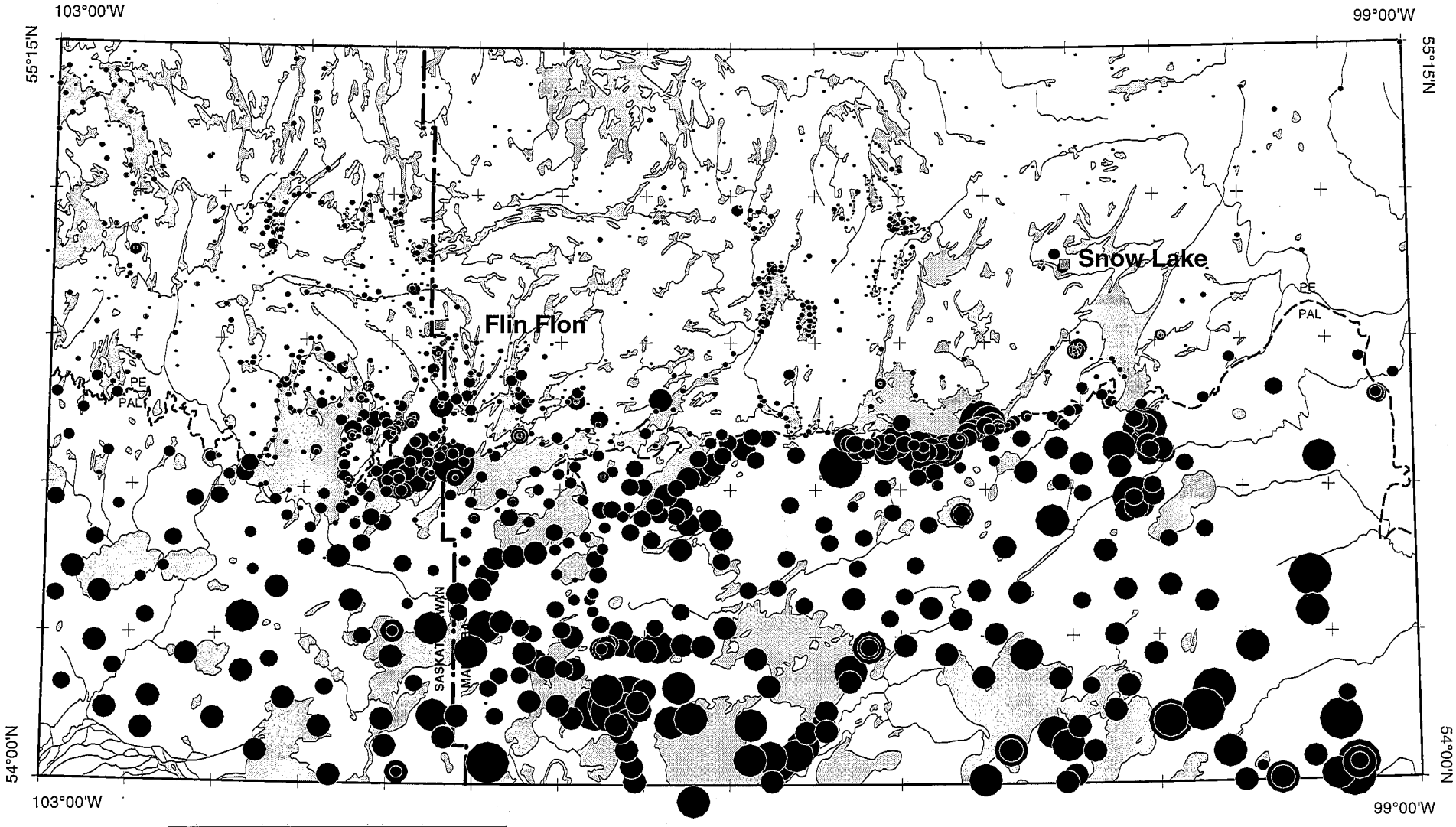
Descriptive Statistics	
Mean	13.88
Standard Error	0.48
Median	3.19
Mode	1.99
Standard Deviation	19.64
Sample Variance	385.85
Kurtosis	1.349
Skewness	1.60
Range	89.74
Minimum	0.56
Maximum	90.30
Sum	23105.75
Count	1665
Confidence Level (95.0%)	0.94
Maximum	90.30
99th percentile	71.73
98th percentile	66.87
95th percentile	58.27
90th percentile	49.01
75th percentile	18.86
Median	3.20
25th percentile	2.01
5th percentile	1.14
Minimum	0.56











Carbonate content

MIN	MAX	%TILE	#SAMP
0.50	2.50	37.50	625
2.50	5.50	64.90	456
5.50	25.00	78.40	224
25.00	45.00	87.30	148
45.00	60.00	96.10	147
60.00	70.00	98.70	43
70.00	90.50	100	22

Total CO3 (%)

CARBONATE IN TILL (< 63 µm)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

APPENDIX XIII. Till Lithological Plots and Statistics

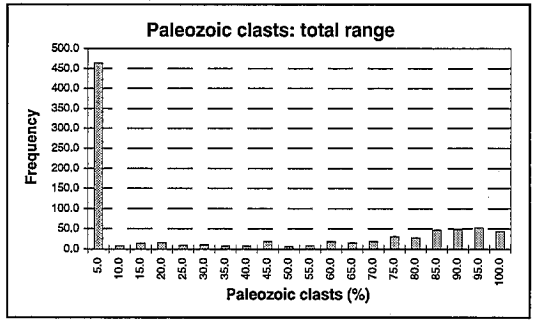
Distribution of Paleozoic sandstones and carbonates in till (% counted and weighted)
Distribution of Paleozoic sandstones in till (% counted and weighted)
Distribution of Precambrian lithologies in till (% counted and weighted)

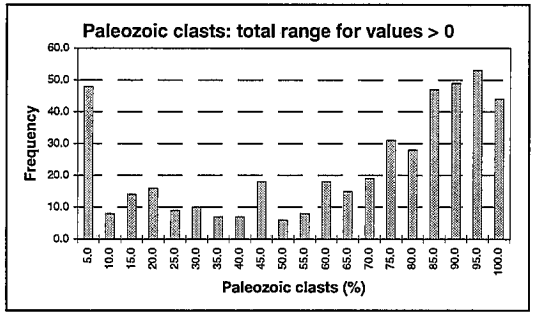
Clast Composition (4 - 8mm)

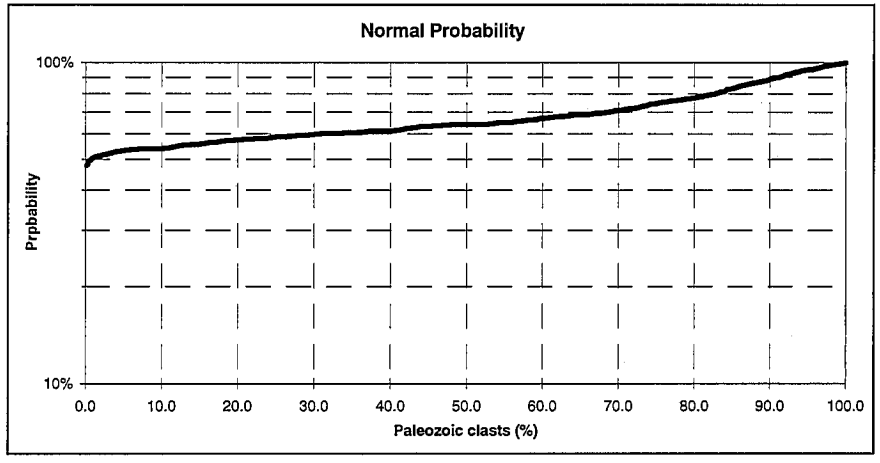
Paleozoic clasts

(% no counted)

Descriptive Statistics	
Mean	32.3
Standard Error	1.3
Median	0.7
Mode	0.0
Standard Deviation	38.79
Sample Variance	1504.46
Kurtosis	-1.465
Skewness	0.57
Range	100.0
Minimum	0.0
Maximum	100.0
Sum	28109.5
Count	871
Confidence Level (95.0%)	2.58
Maximum	100.0
99th percentile	99.3
98th percentile	98.0
95th percentile	95.3
90th percentile.	91.3
75th percentile	75.4
Median	0.7
25th percentile	0.0
5th percentile	0.0
Minimum	0.0





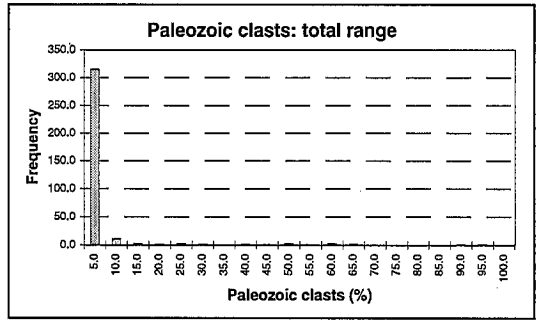


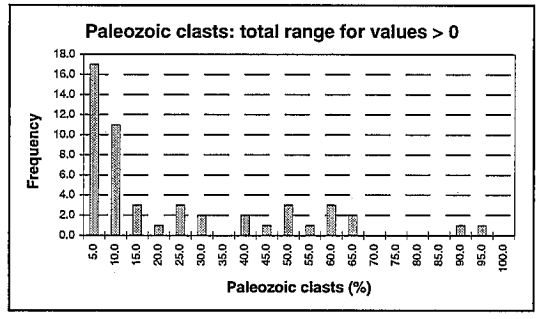
Clasts Composition (4-8 mm)

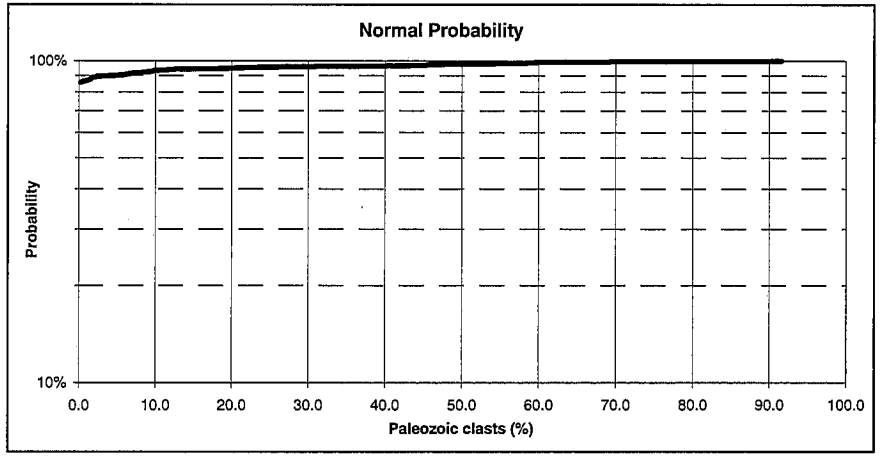
Paleozoic clasts

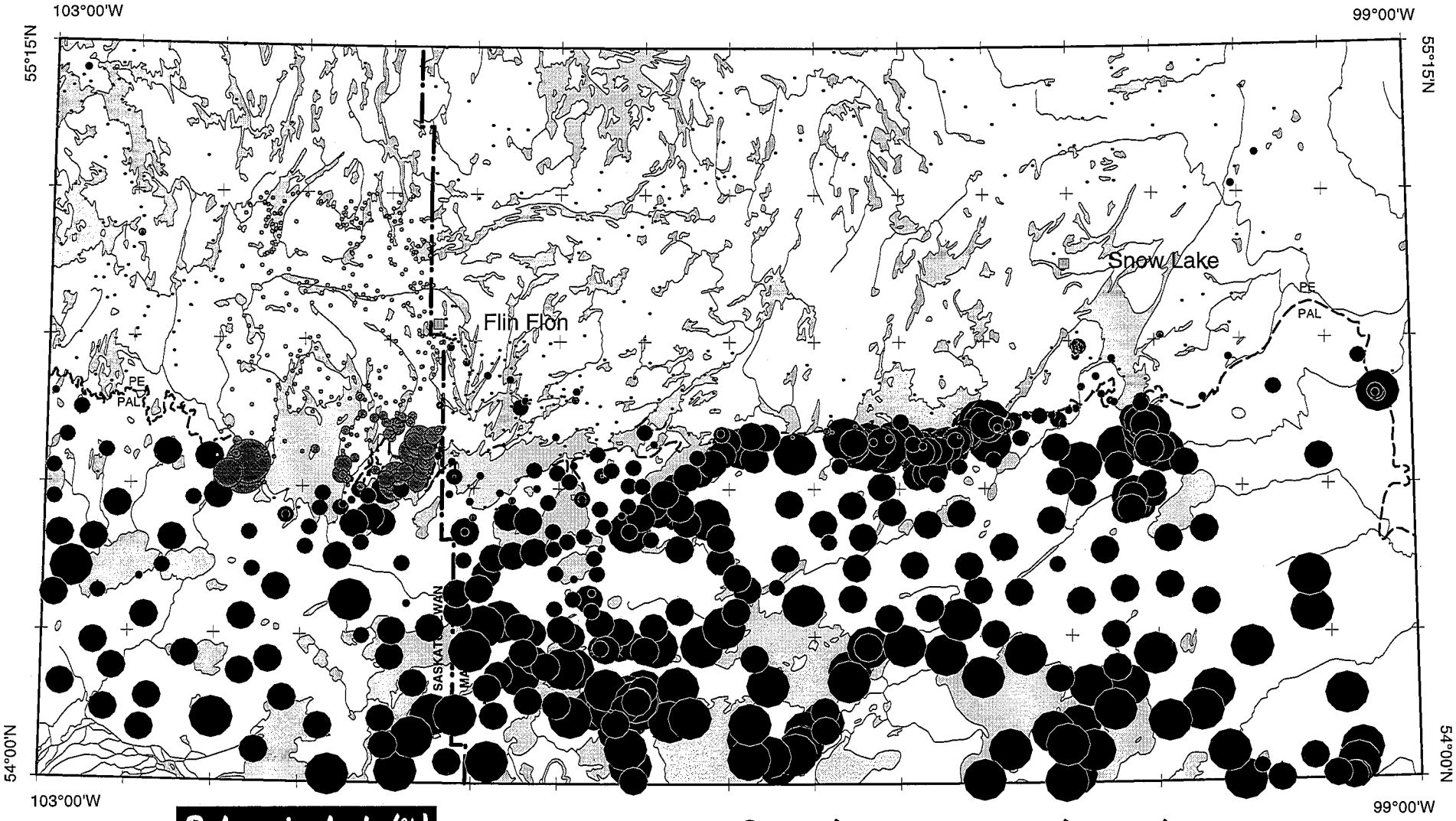
(% weight)

Descriptive Statistics	
Mean	3.1
Standard Error	0.6
Median	0.0
Mode	0.0
Standard Deviation	11.85
Sample Variance	140.44
Kurtosis	25.069
Skewness	4.83
Range	91.6
Minimum	0.0
Maximum	91.6
Sum	1074.9
Count	349
Confidence Level (95.0%)	1.24
Maximum	91.6
99th percentile	60.8
98th percentile	57.3
95th percentile	20.6
90th percentile	5.0
75th percentile	0.0
Median	0.0
25th percentile	0.0
5th percentile	0.0
Minimum	0.0









Paleozoic clasts (%)

% no counted

MIN.	MAX.	%TILE	#SAMP
0.0	0.1	47.7	416
0.1	15.0	55.7	69
15.0	57.0	65.7	87
57.0	87.7	86.2	179
87.0	100	100	120

% weight

MIN.	MAX.	%TILE	#SAMP
0.0	0.1	85.4	298
0.1	15.0	94.3	31
15.0	57.0	98.0	13
57.0	87.7	99.4	5
87.7	100	100	2

Sandstones and carbonates

CLAST DISTRIBUTION IN TILL (4-8mm)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

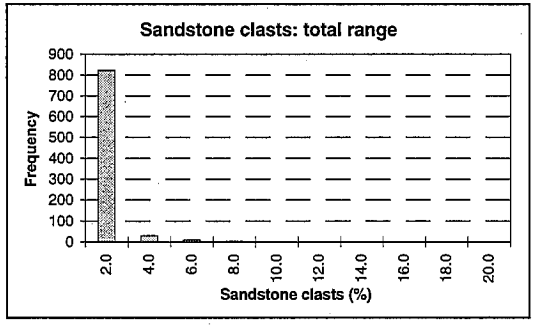
1 : 1 100 000

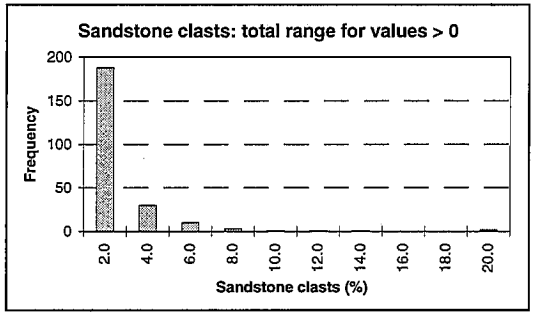
Clast Composition (4 - 8mm)

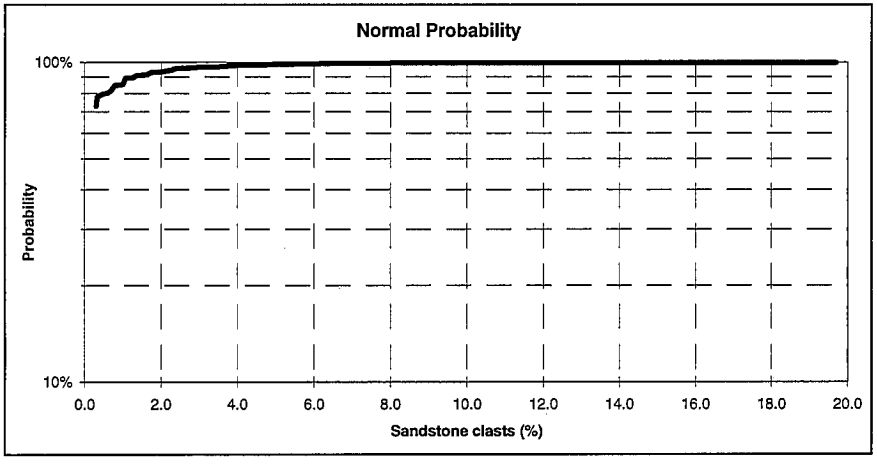
Sandstone clasts

(% no counted)

Descriptive Statistics	
Mean	0.4
Standard Error	0.05
Median	0.0
Mode	0.0
Standard Deviation	1.45
Sample Variance	2.09
Kurtosis	84.161
Skewness	7.78
Range	19.7
Minimum	0.0
Maximum	19.7
Sum	391.7
Count	871
Confidence Level (95.0%)	0.10
Maximum	19.7
99th percentile	6.3
98th percentile	4.3
95th percentile	2.3
90th percentile	1.3
75th percentile	0.3
Median	0.0
25th percentile	0.0
5th percentile	0.0
Minimum	0.0





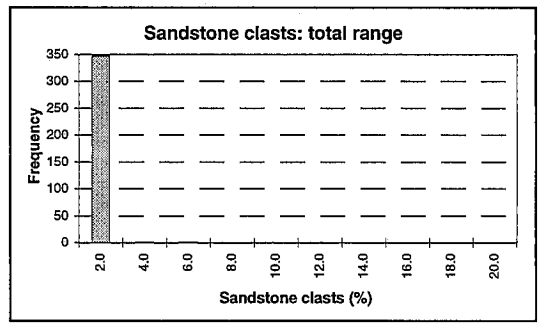


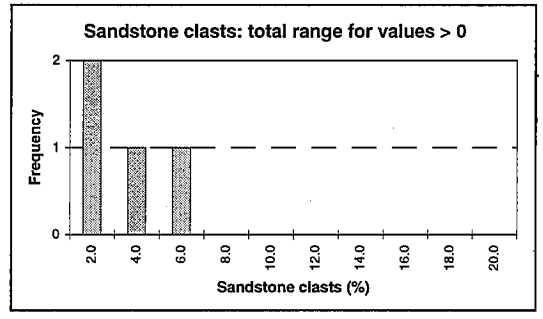
Clasts Composition (4-8 mm)

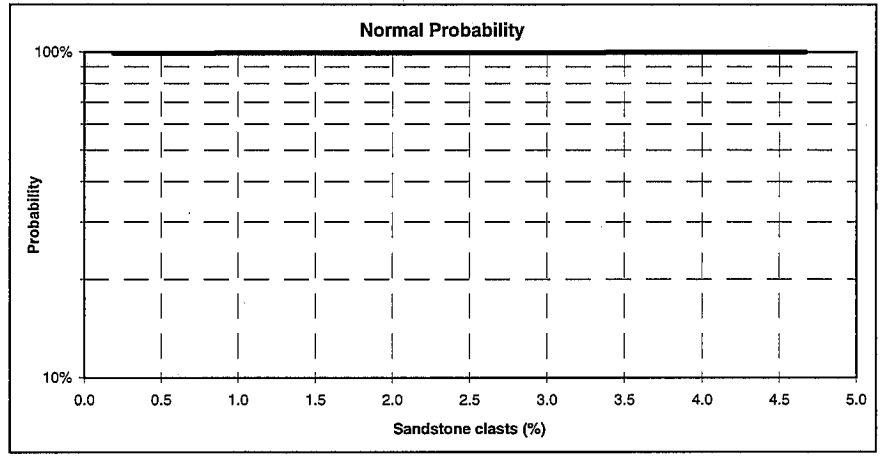
Sandstone clasts

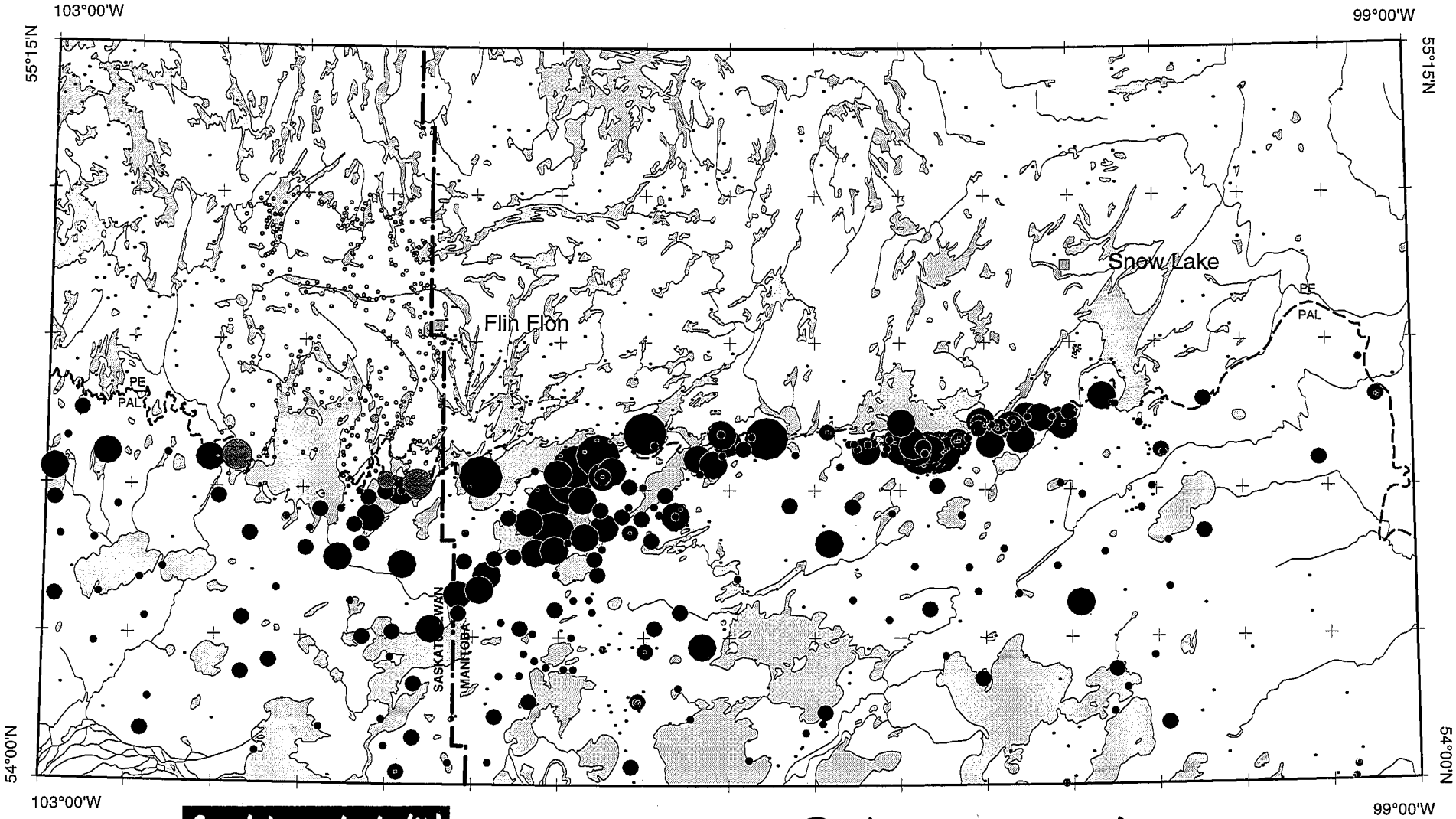
(% weight)

Descriptive Statistics	
Mean	0.03
Standard Error	0.02
Median	0.0
Mode	0.0
Standard Deviation	0.34
Sample Variance	0.11
Kurtosis	157.290
Skewness	12.39
Range	4.67
Minimum	0.0
Maximum	4.67
Sum	10.36
Count	349
Confidence Level (95.%)	0.04
Maximum	4.67
99th percentile	0.19
98th percentile	0.0
95th percentile	0.0
90th percentile	0.0
75th percentile	0.0
Median	0.0
25th percentile	0.0
5th percentile	0.0
Minimum	0.0









Sandstone clasts (%)

% no counted

MIN.	MAX.	%TILE	#SAMP
0.00	0.00	72.9	635
0.19	1.00	85.2	107
1.00	2.00	93.1	69
2.00	5.00	98.6	48
5.00	19.70	100	12

% weight

MIN.	MAX.	%TILE	#SAMP
0.00	0.00	98.9	345
0.19	1.00	99.1	1
1.00	2.00	99.4	1
2.00	5.00	100	2

Paleozoic sandstones

CLAST DISTRIBUTION IN TILL (4-8mm)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

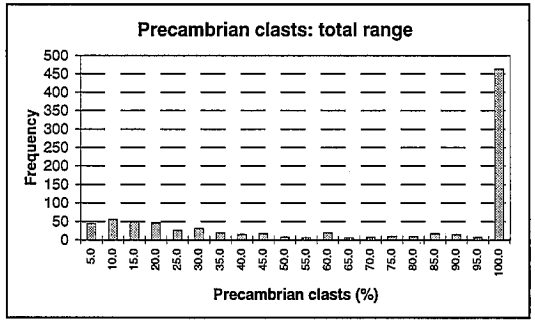
Clast Composition (4 - 8mm)

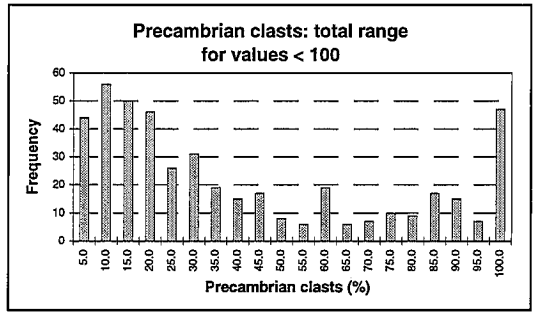
Precambrian clasts

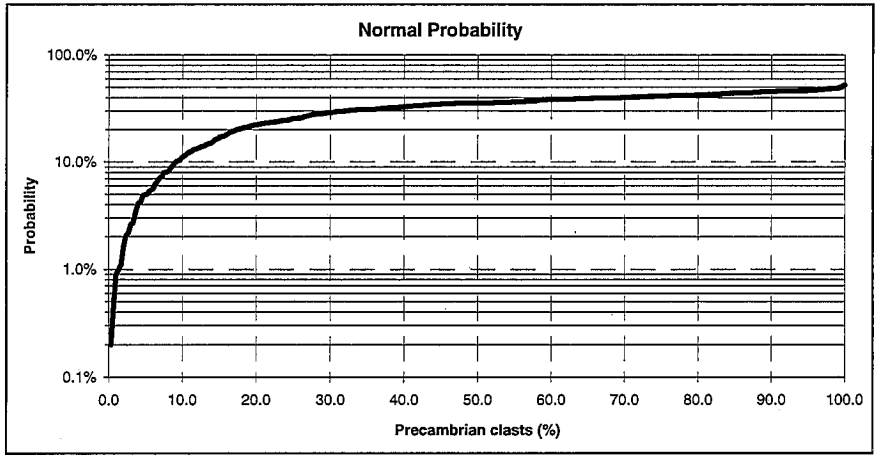
(% no counted)

Descriptive Statistics

Mean	67.7
Standard Error	1.31
Median	99.3
Mode	100.0
Standard Deviation	38.79
Sample Variance	1504.46
Kurtosis	-1.465
Skewness	-0.57
Range	100.0
Minimum	0.0
Maximum	100.0
Sum	58990.5
Count	871
Confidence Level (95.0%)	2.58
Maximum	100.0
99th percentile	100.0
98th percentile	100.0
95th percentile	100.0
90th percentile	100.0
75th percentile	100.0
Median	99.3
25th percentile	24.7
5th percentile	5.2
Minimum	0.00







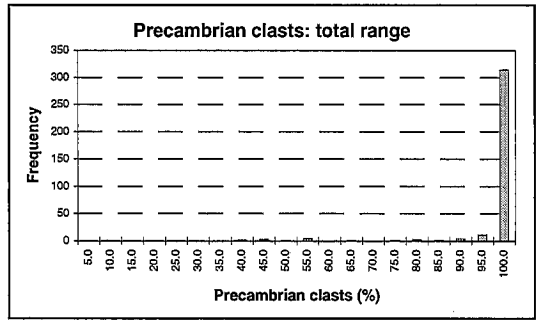
Clasts Composition (4-8 mm)

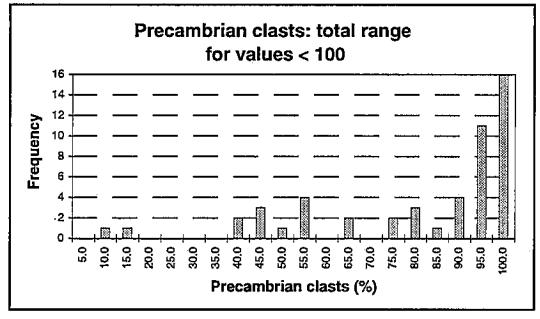
Precambrian clasts

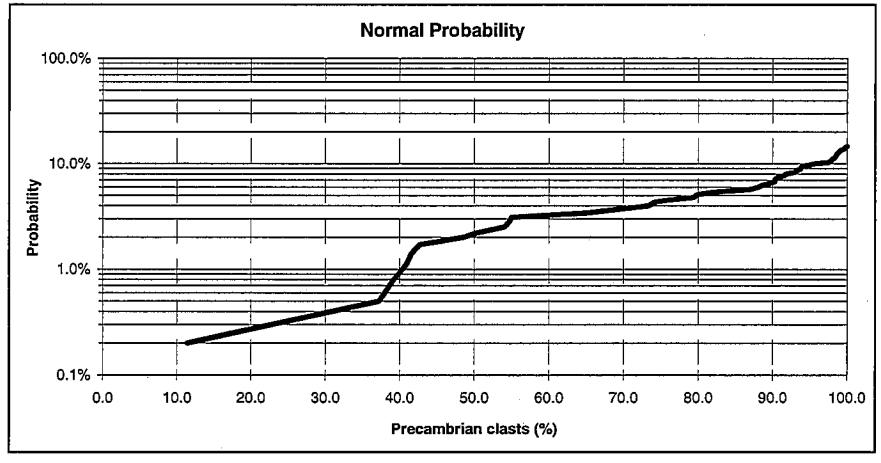
(% weight)

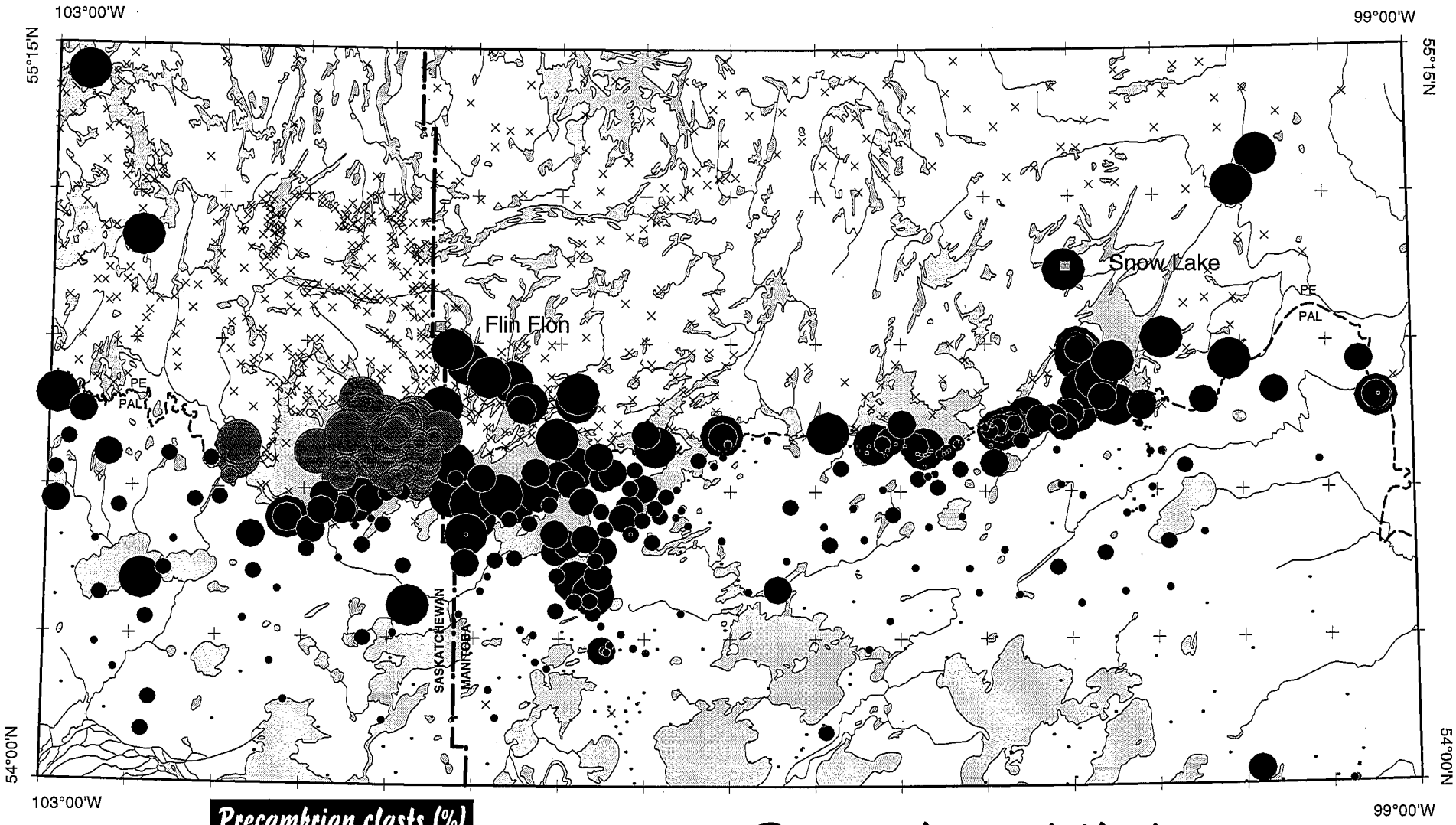
Descriptive Statistics

Mean	96.9
Standard Error	0.63
Median	100.0
Mode	100.0
Standard Deviation	11.85
Sample Variance	140.44
Kurtosis	25.069
Skewness	-4.83
Range	91.6
Minimum	8.4
Maximum	100.0
Sum	33825.1
Count	349
Confidence Level (95.%)	1.24
Maximum	100.0
99th percentile	100.0
98th percentile	100.0
95th percentile	100.0
90th percentile	100.0
75th percentile	100.0
Median	100.0
25th percentile	100.0
5th percentile	79.9
Minimum	8.4









Precambrian clasts (%)

% no counted

MIN.	MAX.	%TILE	#SAMP
0	20	22.2	193
20	35	31.1	78
35	60	38.6	65
60	90	45.8	63
90	100	52.2	56
-	100	100	416

% weight

MIN.	MAX.	%TILE	#SAMP
0	20	0.6	2
20	35	0.6	0
35	60	3.4	10
60	90	6.6	11
90	100	14.6	28
-	100	100	298

Precambrian lithologies

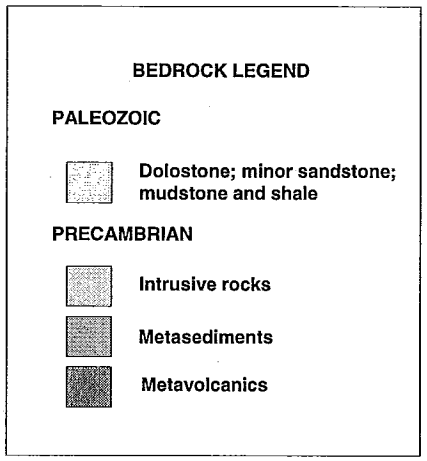
CLAST DISTRIBUTION IN TILL (4-8mm)

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

APPENDIX XIV. Till Geochemical Plots and Statistics

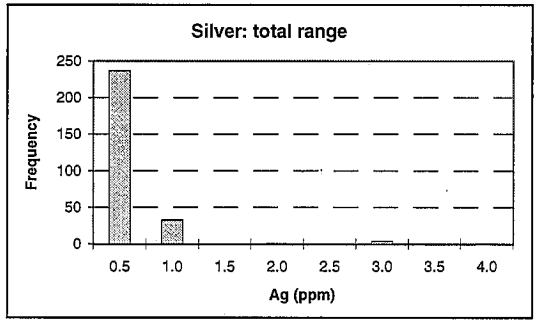


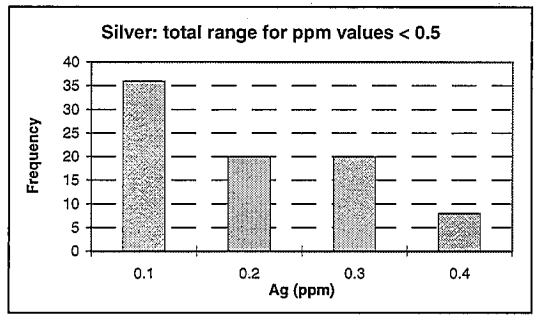
Till geochemistry (< 2 µm)

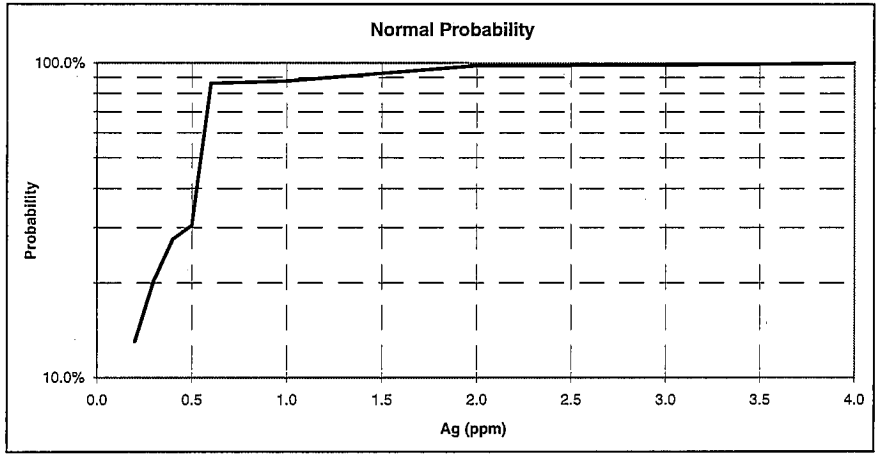
Ag (ppm)

by AAS

Descriptive Statistics	
Mean	0.52
Standard Error	0.03
Median	0.5
Mode	0.5
Standard Deviation	0.45
Sample Variance	0.20
Kurtosis	25.149
Skewness	4.32
Range	3.9
Minimum	0.1
Maximum	4.0
Sum	143.0
Count	276
Confidence Level (95.0%)	0.05
Maximum	4.0
99th percentile	3.0
98th percentile	1.0
95th percentile	1.0
90th percentile	1.0
75th percentile	0.5
Median	0.5
25th percentile	0.3
5th percentile	0.1
Minimum	0.1





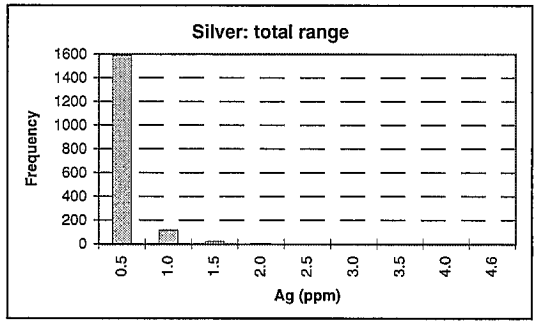


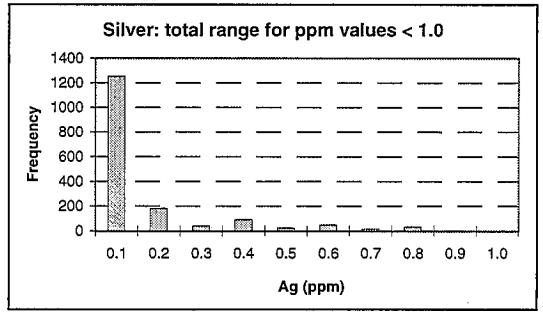
Till geochemistry (< 2 µm)

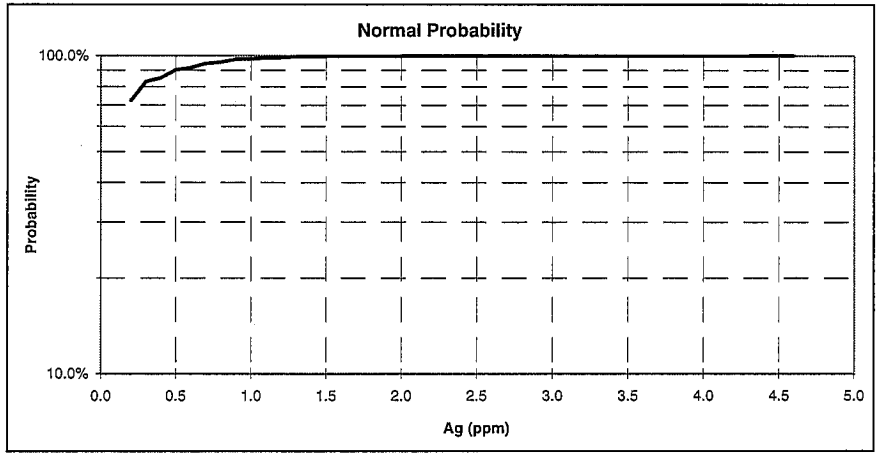
Ag (ppm)

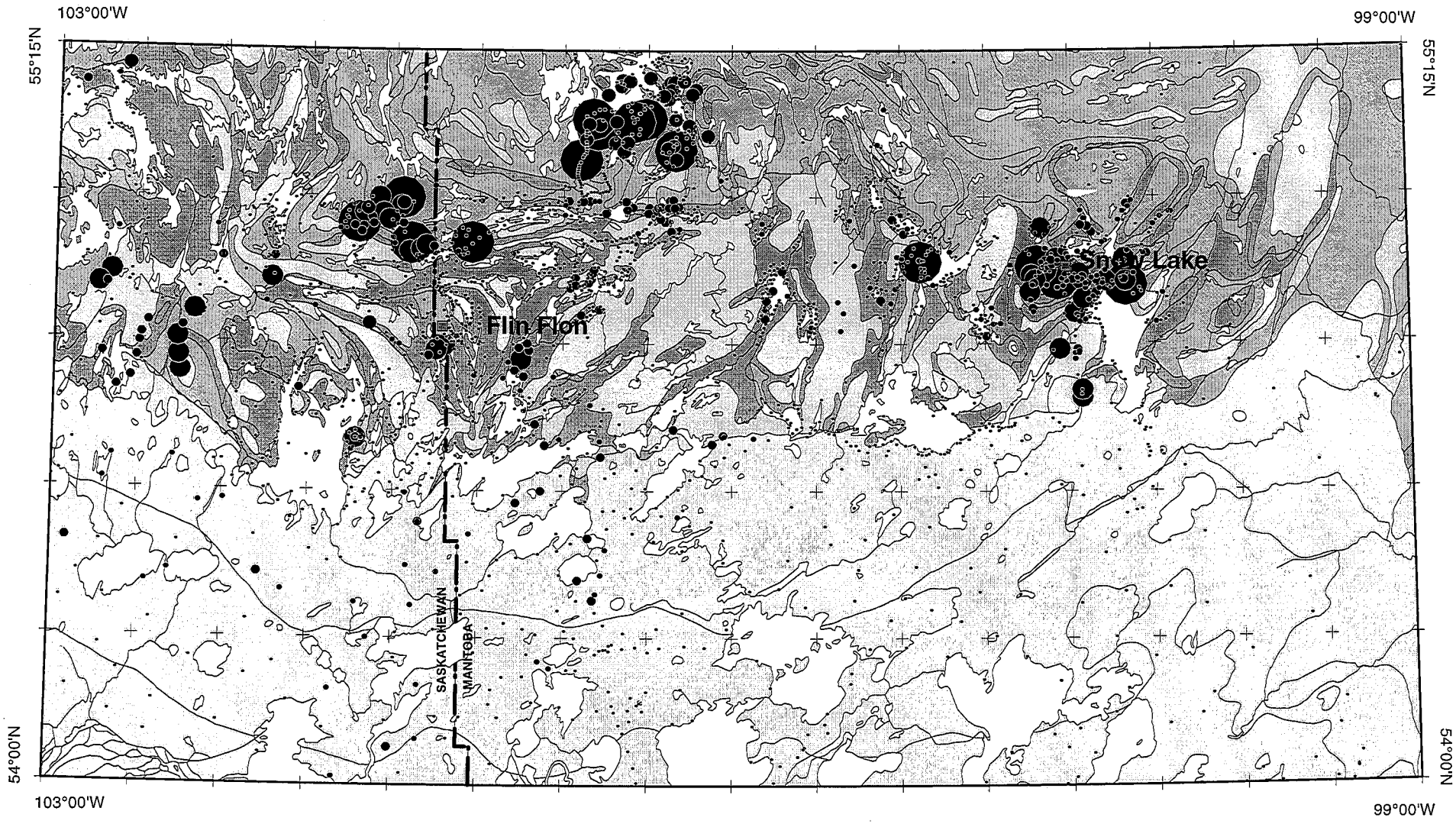
by ICP-AES

Descriptive Statistics	
Mean	0.20
Standard Error	0.01
Median	0.1
Mode	0.1
Standard Deviation	0.27
Sample Variance	0.07
Kurtosis	78.589
Skewness	6.54
Range	4.5
Minimum	0.1
Maximum	4.6
Sum	349.5
Count	1732
Confidence Level (95.0%)	0.01
Maximum	4.6
99th percentile	1.2
98th percentile	1.0
95th percentile	0.7
90th percentile	0.4
75th percentile	0.2
Median	0.1
25th percentile	0.1
5th percentile	0.1
Minimum	0.1









Silver in clay

MIN.	MAX.	%TILE	#SAMP
0.1	0.6	85.9	237
0.6	1.1	97.8	33
1.1	4.0	100	6

by Atomic Absorption Spectrometry

MIN.	MAX.	%TILE	#SAMP
0.1	0.3	82.9	1436
0.3	0.6	91.7	152
0.6	1.0	97.5	101
1.0	1.5	99.5	35
1.5	4.6	100	8

by Inductively Coupled Plasma

Ag (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

Till geochemistry (< 2 µm)

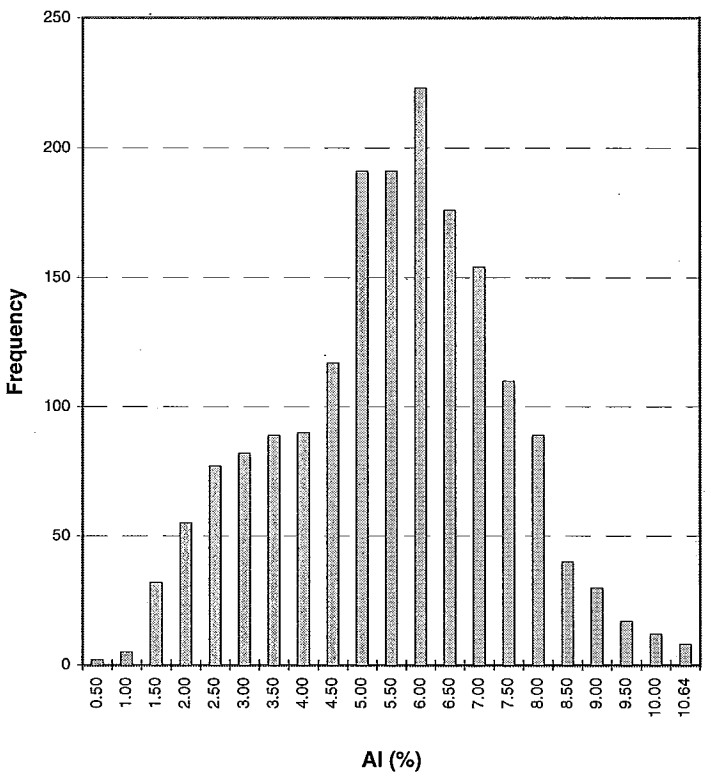
Al (%)

by ICP-AES

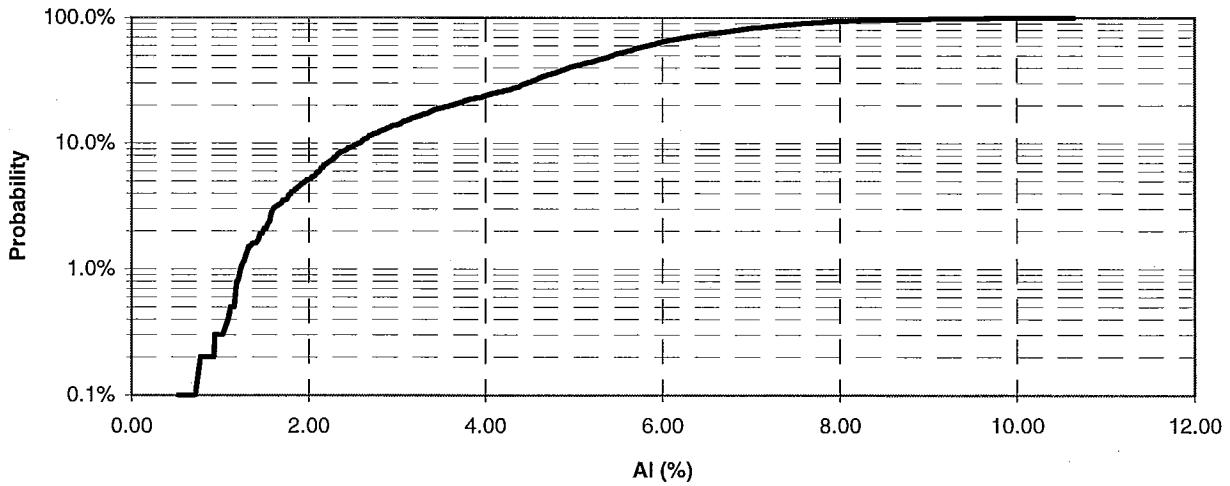
Descriptive Statistics

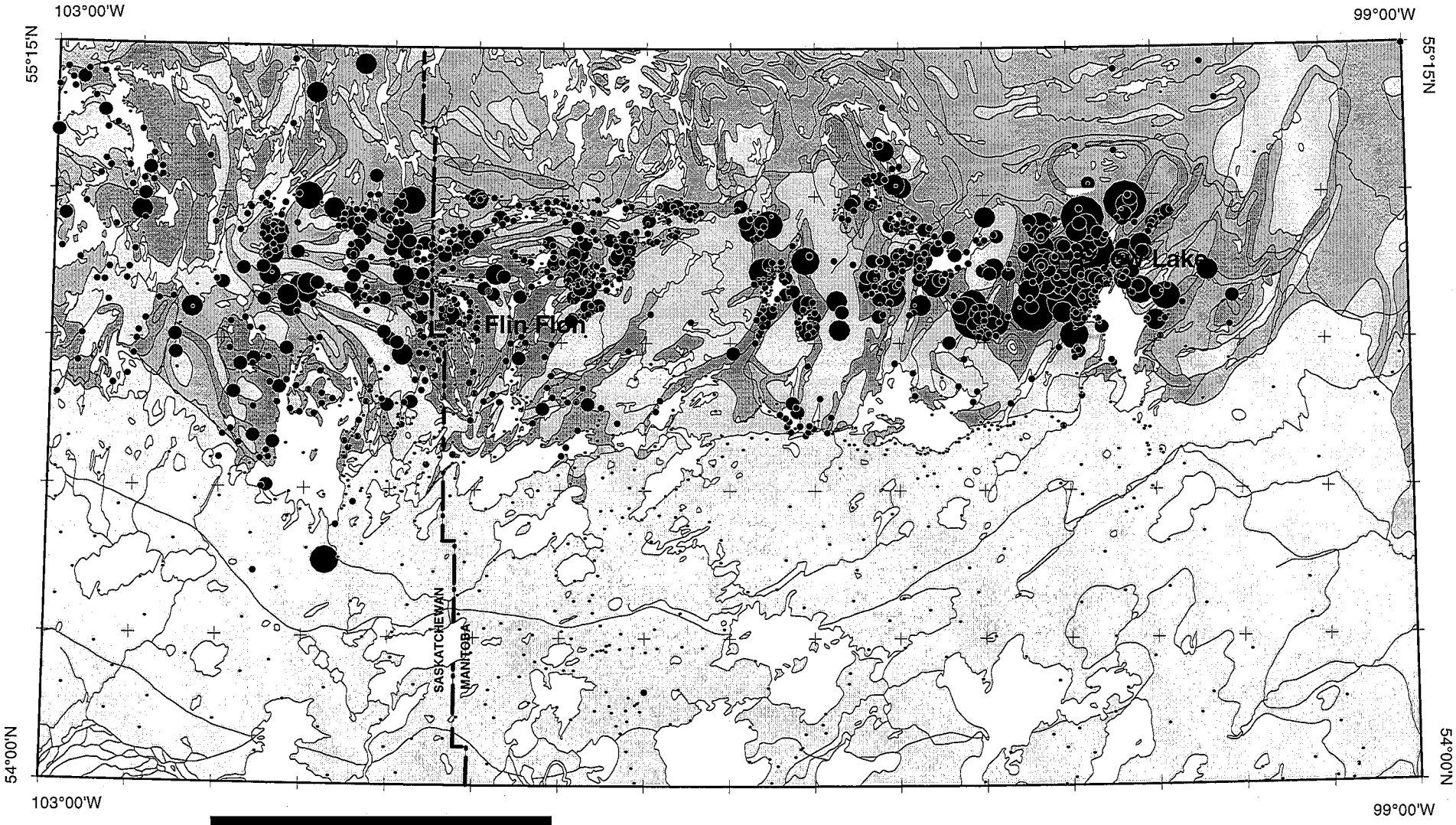
Mean	5.28
Standard Error	0.04
Median	5.43
Mode	4.63
Standard Deviation	1.88
Sample Variance	3.52
Kurtosis	-0.292
Skewness	-0.14
Range	10.43
Minimum	0.21
Maximum	10.64
Sum	9446.15
Count	1790
Confidence Level (95.0%)	0.09
Maximum	10.64
99th percentile	9.53
98th percentile	9.02
95th percentile	8.19
90th percentile	7.56
75th percentile	6.57
Median	5.44
25th percentile	4.09
5th percentile	1.97
Minimum	0.21

Aluminum: total range



Normal Probability





Aluminum in clay

	MIN.	MAX.	%TILE	#SAMP
•	0.21	5.50	51.8	927
•	5.50	7.00	82.8	555
●	7.00	8.00	94.0	200
●	8.00	9.00	97.9	71
●	9.00	10.00	99.6	29
●	10.00	10.64	100	8

by Inductively Coupled Plasma

Al (%)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

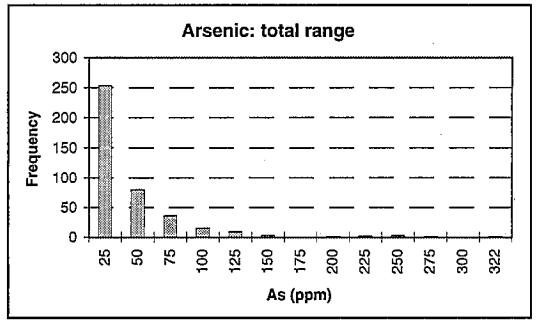
1 : 1 100 000

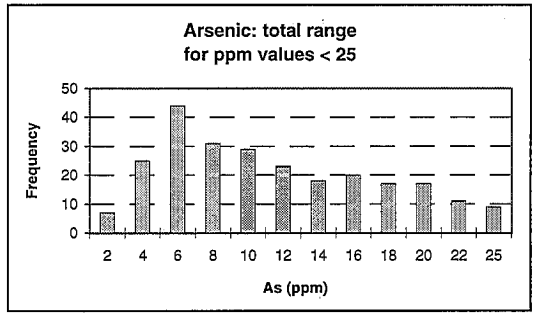
Till geochemistry (< 2 µm)

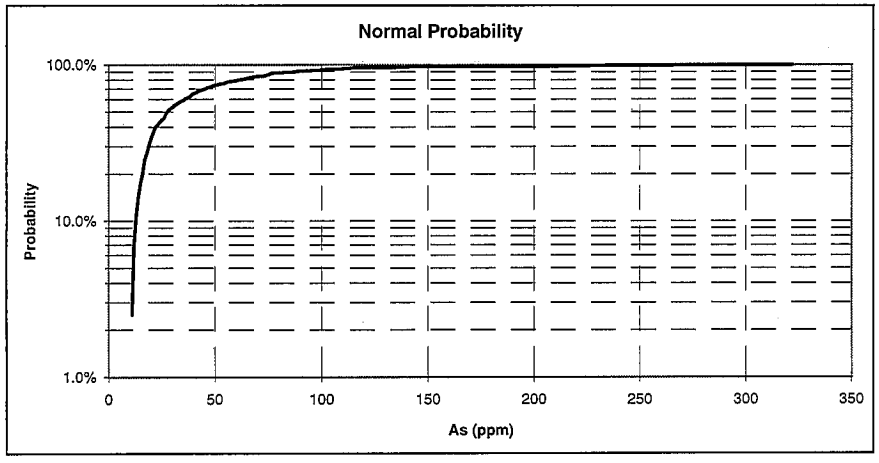
As (ppm)

by AAS

Descriptive Statistics	
Mean	30.94
Standard Error	1.98
Median	17
Mode	5
Standard Deviation	39.89
Sample Variance	1591.53
Kurtosis	15.615
Skewness	3.41
Range	320
Minimum	2
Maximum	322
Sum	12530
Count	405
Confidence Level (95.0%)	3.89
Maximum	322
99th percentile	234
98th percentile	206
95th percentile	110
90th percentile	86
75th percentile	51
Median	27
25th percentile	17
5th percentile	11
Minimum	2





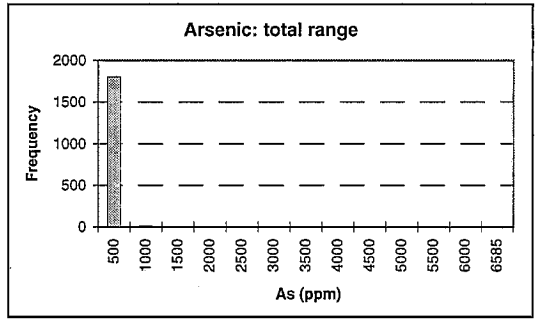


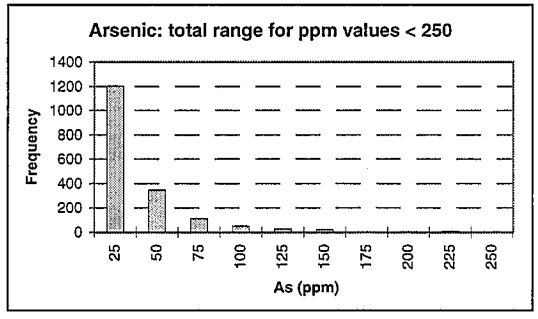
Till geochemistry (< 2 µm)

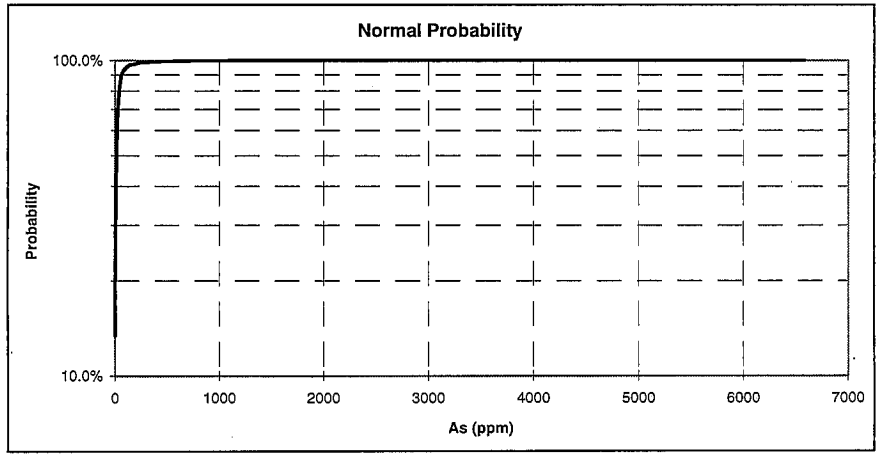
As (ppm)

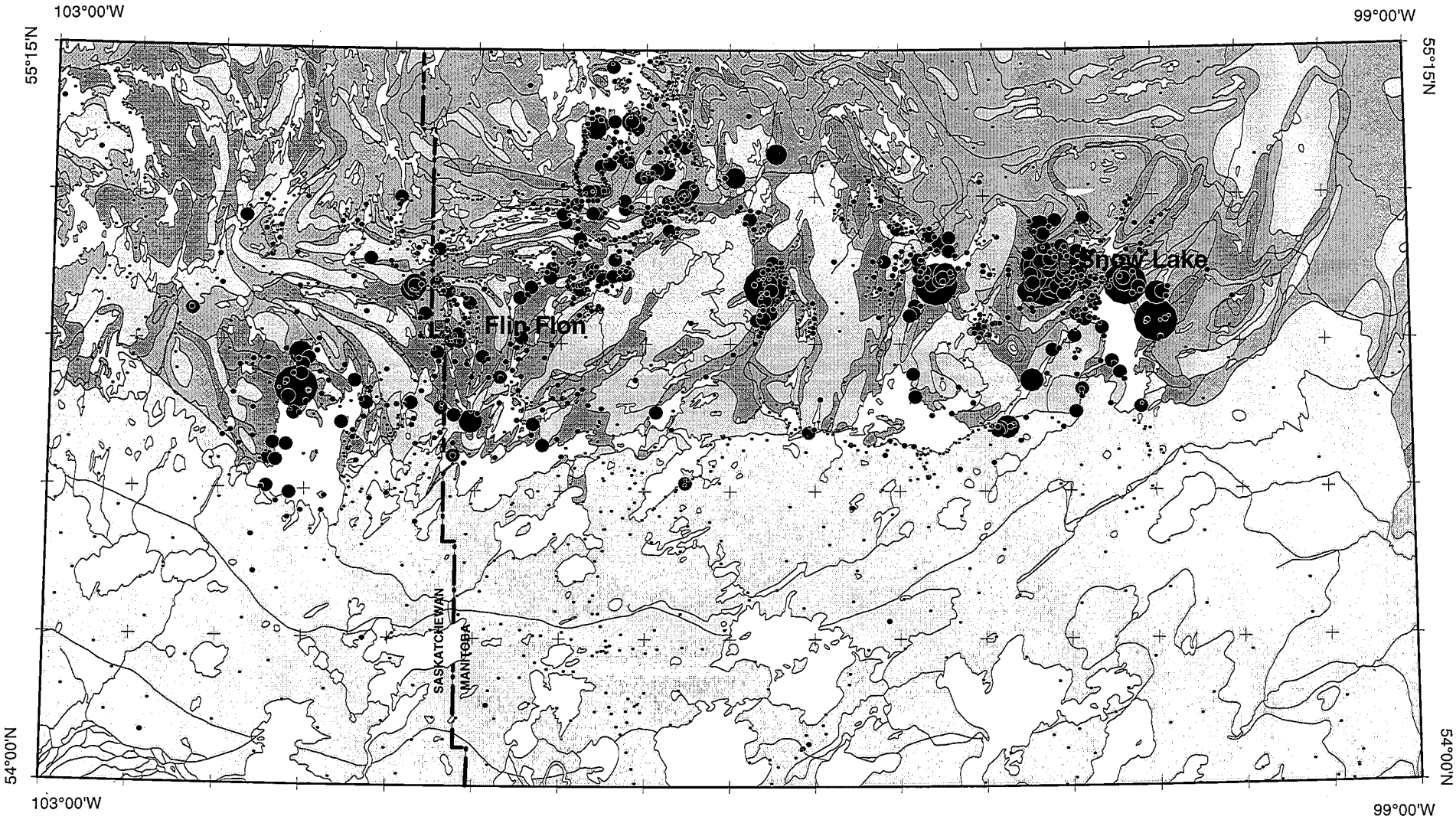
by ICP-AES

Descriptive Statistics	
Mean	36.12
Standard Error	3.96
Median	16
Mode	1
Standard Deviation	168.74
Sample Variance	28473.233
Kurtosis	1252.5456
Skewness	32.72
Range	6584
Minimum	1
Maximum	6585
Sum	65629
Count	1817
Confidence Level (95.0%)	7.76
Maximum	6585
99th percentile	395
98th percentile	220
95th percentile	109
90th percentile	64
75th percentile	34
Median	16
25th percentile	4
5th percentile	1
Minimum	1









Arsenic in clay

	MIN.	MAX.	%TILE	#SAMP
·	2	25	61.9	251
•	25	75	90.4	115
●	75	150	98.0	31
●	150	322	100	8

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
·	1	25	66.0	1200
•	25	70	90.9	451
●	70	230	98.3	136
●	230	900	99.3	18
●	900	6585	100	12

by Inductively Coupled Plasma

As (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

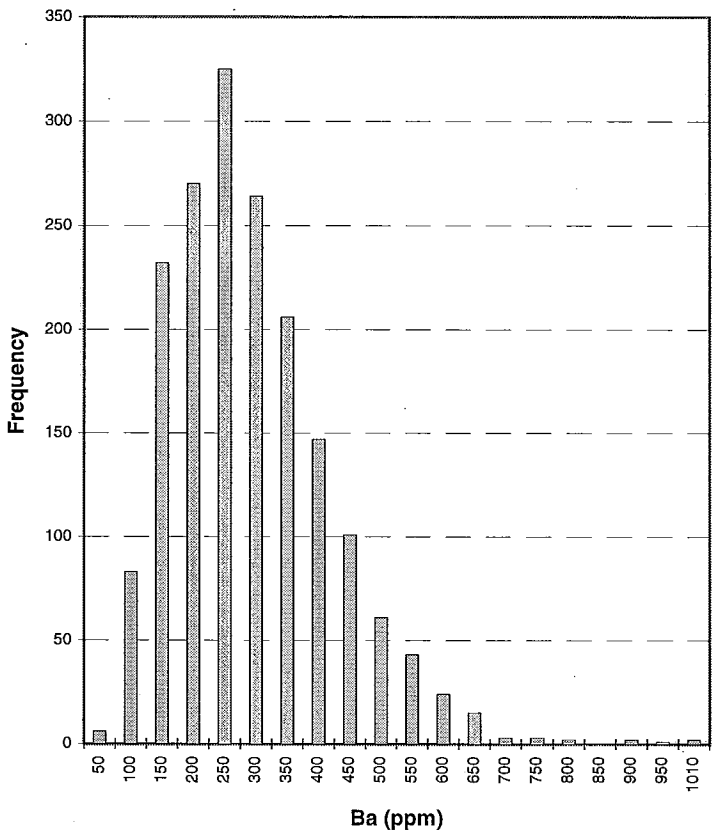
Till geochemistry (< 2 µm)

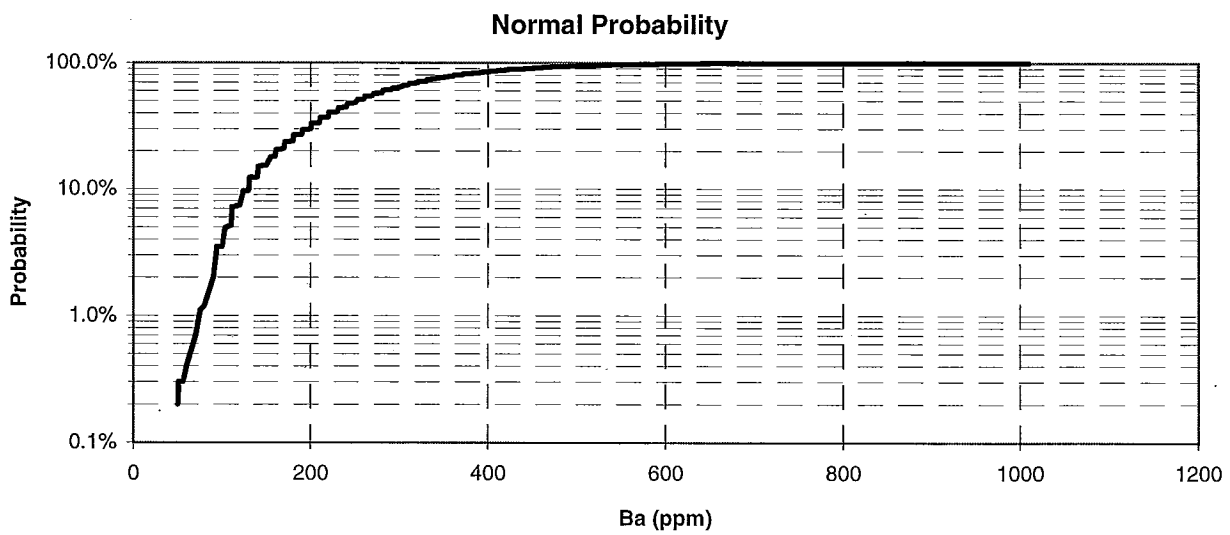
Ba (ppm)

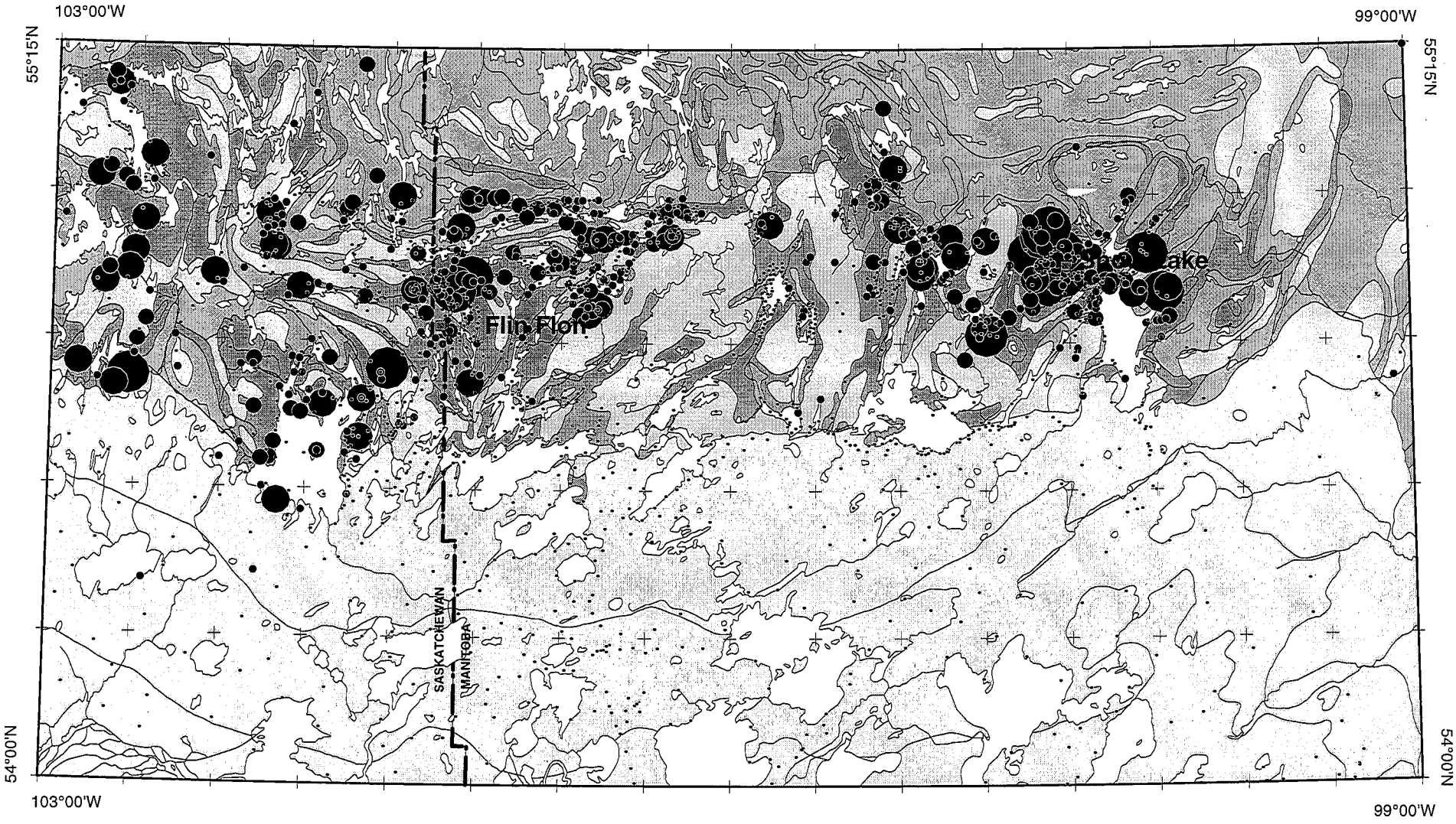
by ICP-AES

Descriptive Statistics

Mean	271.59
Standard Error	3.01
Median	250
Mode	220
Standard Deviation	127.31
Sample Variance	16208.92
Kurtosis	2.159
Skewness	1.07
Range	970
Minimum	40
Maximum	1010
Sum	486149
Count	1790
Confidence Level (95.0%)	5.90
Maximum	1010
99th percentile	620
98th percentile	590
95th percentile	512
90th percentile	440
75th percentile	340
Median	250
25th percentile	180
5th percentile	106
Minimum	40







Barium in clay

	MIN.	MAX.	%TILE	#SAMP
•	40	350	76.3	1365
●	350	450	90.5	255
●	450	550	96.8	112
●	550	650	99.2	44
●	650	1010	100	14

by Inductively Coupled Plasma

Ba (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

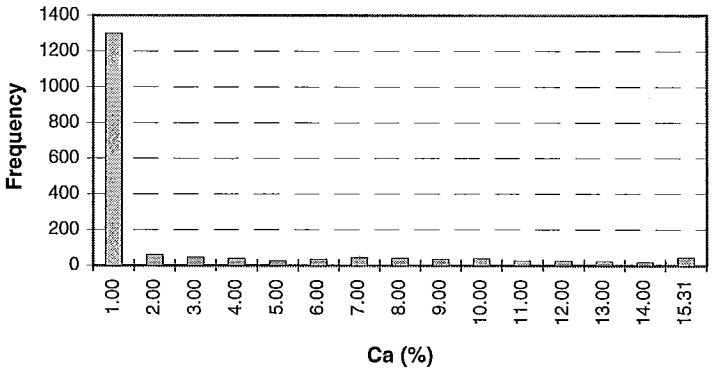
1 : 1 100 000

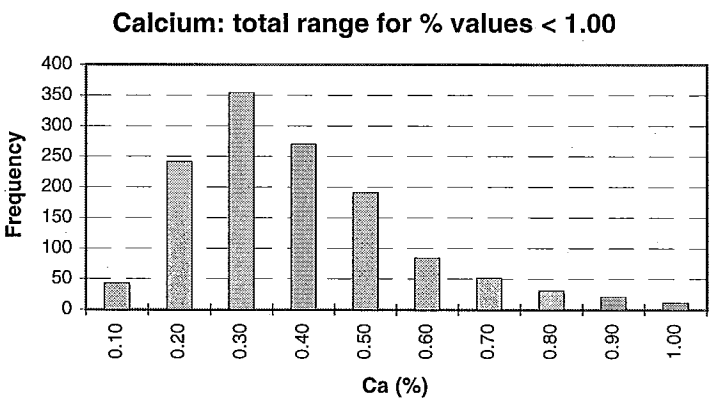
Till geochemistry (< 2 µm)

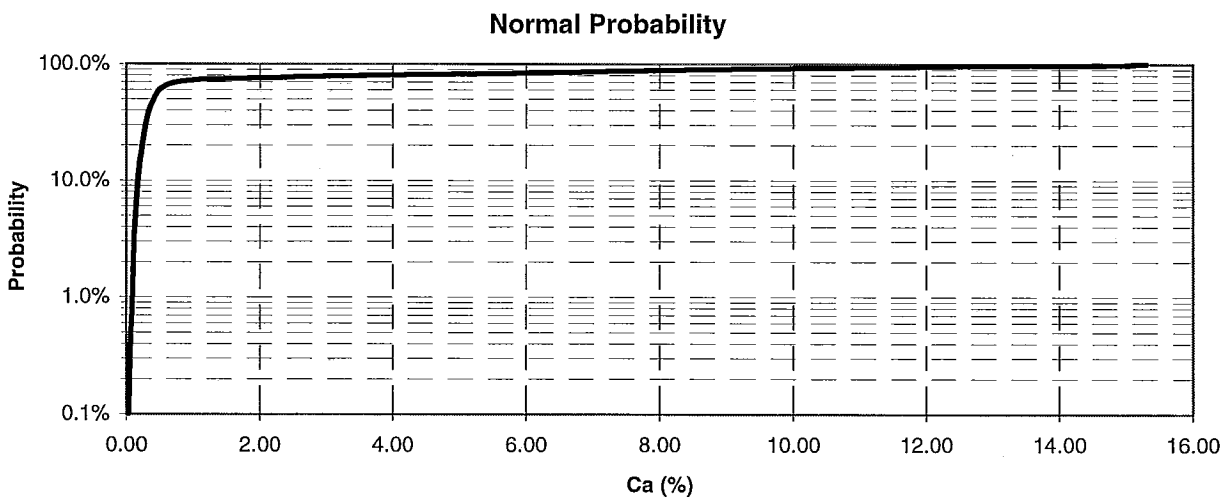
Ca (%)

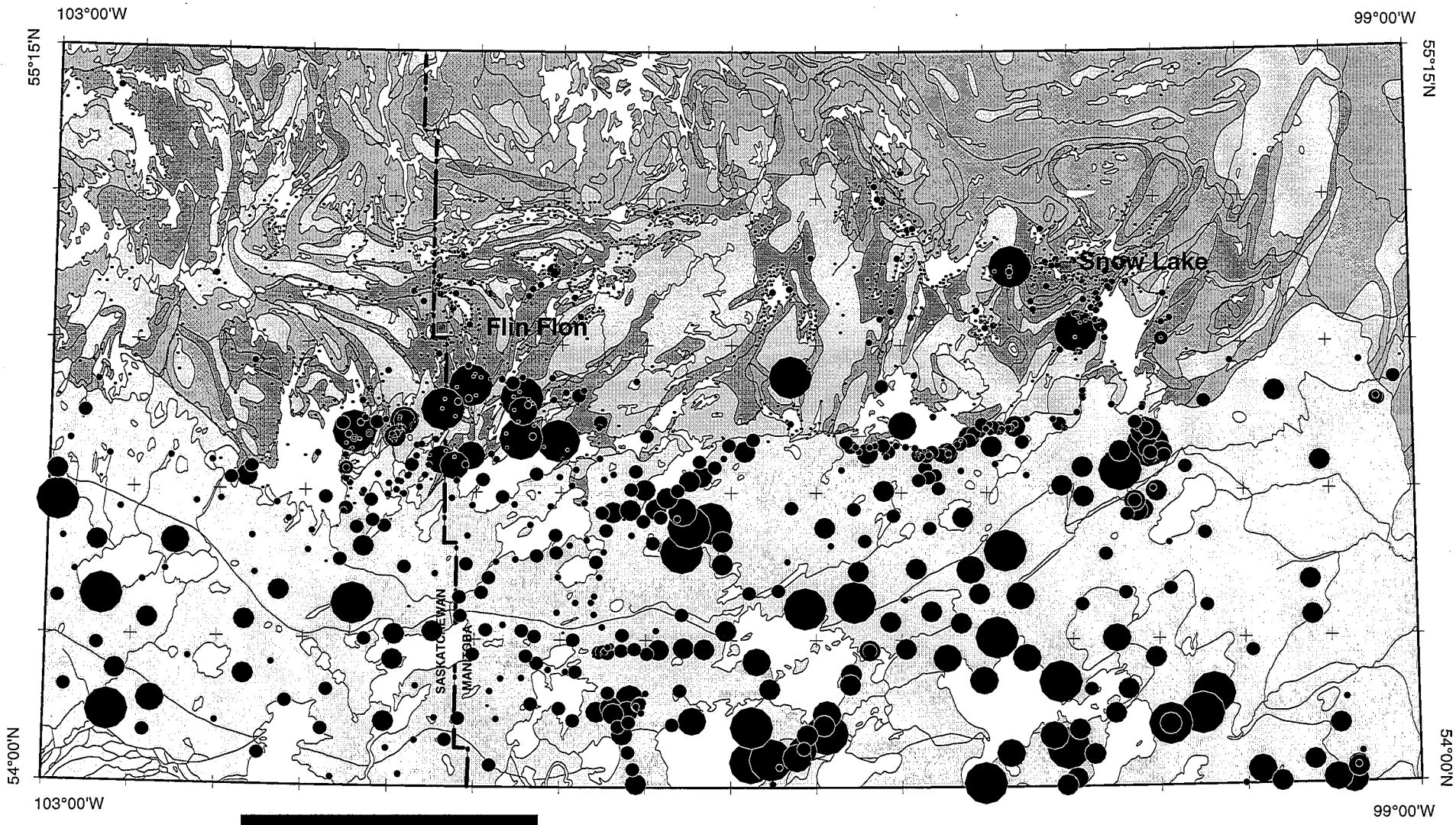
by ICP-AES

Descriptive Statistics	
Mean	2.25
Standard Error	0.09
Median	0.40
Mode	0.22
Standard Deviation	3.81
Sample Variance	14.54
Kurtosis	2.734
Skewness	1.97
Range	15.28
Minimum	0.03
Maximum	15.31
Sum	4026.59
Count	1789
Confidence Level (95.0%)	0.18
Maximum	15.31
99th percentile	15.00
98th percentile	14.69
95th percentile	11.74
90th percentile	8.69
75th percentile	1.60
Median	0.40
25th percentile	0.25
5th percentile	0.13
Minimum	0.03









Calcium in clay

MIN.	MAX.	%TILE	#SAMP
0.03	0.70	68.7	1229
0.70	6.00	83.8	271
6.00	10.00	92.0	145
10.00	13.00	96.7	85
13.00	15.00	98.2	27
15.00	15.31	100	32

by Inductively Coupled Plasma

Ca (%)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

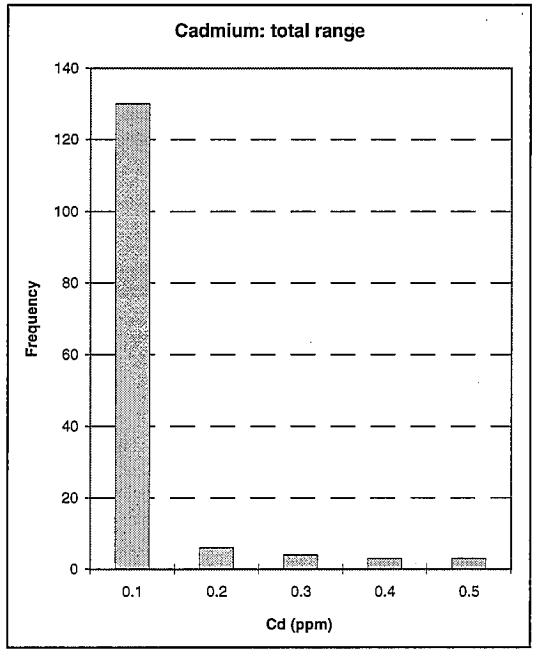
1 : 1 100 000

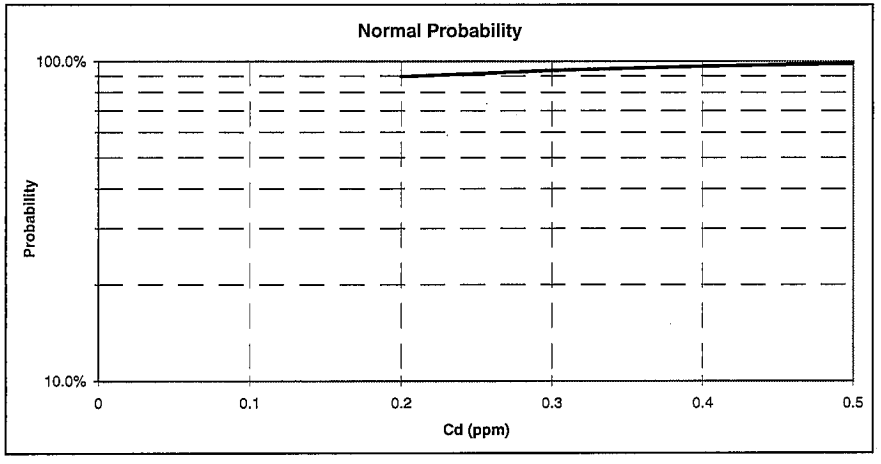
Till geochemistry (< 2 µm)

Cd (ppm)

by AAS

Descriptive Statistics	
Mean	0.12
Standard Error	0.01
Median	0.1
Mode	0.1
Standard Deviation	0.08
Sample Variance	0.01
Kurtosis	12.620
Skewness	3.59
Range	0.4
Minimum	0.1
Maximum	0.5
Sum	18.1
Count	146
Confidence Level (95.0%)	0.01
Maximum	0.5
99th percentile	0.5
98th percentile	0.4
95th percentile	0.3
90th percentile	0.2
75th percentile	0.1
Median	0.1
25th percentile	0.1
5th percentile	0.1
Minimum	0.1



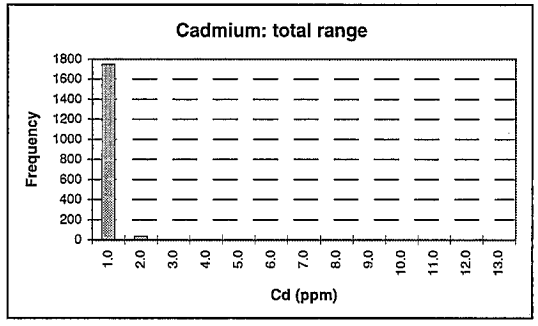


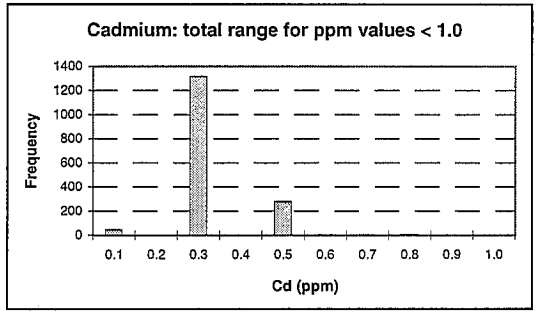
Till geochemistry (< 2 µm)

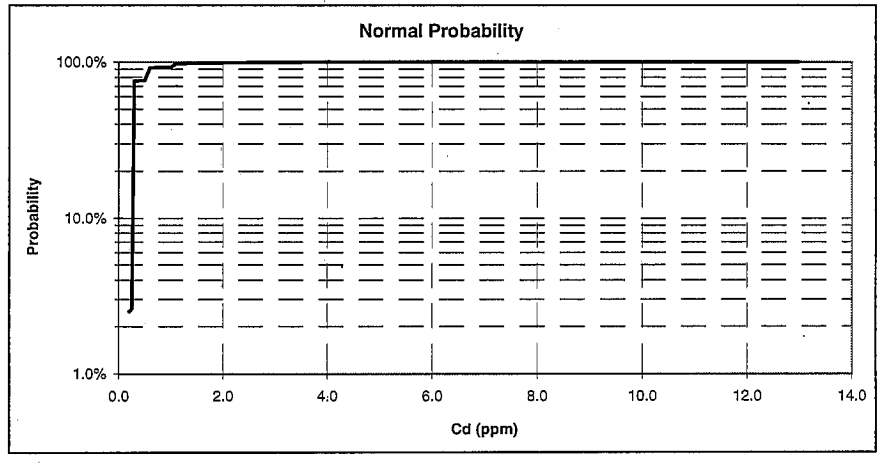
Cd (ppm)

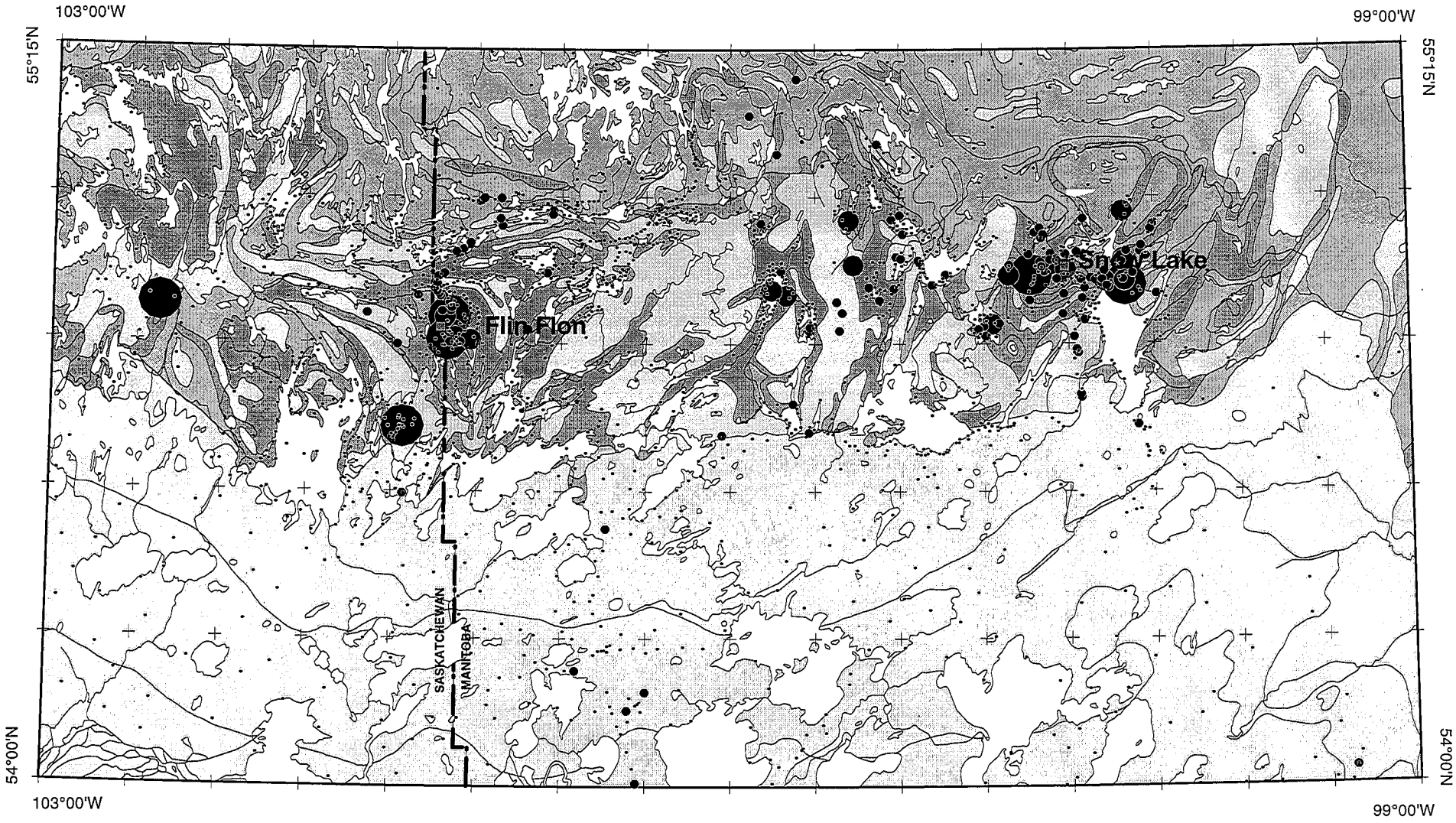
by ICP-AES

Descriptive Statistics	
Mean	0.37
Standard Error	0.01
Median	0.25
Mode	0.25
Standard Deviation	0.45
Sample Variance	0.21
Kurtosis	363.352
Skewness	15.03
Range	12.9
Minimum	0.1
Maximum	13.0
Sum	667.55
Count	1790
Confidence Level (95.0%)	0.02
Maximum	13.0
99th percentile	2.0
98th percentile	1.3
95th percentile	1.0
90th percentile	0.5
75th percentile	0.25
Median	0.25
25th percentile	0.25
5th percentile	0.25
Minimum	0.1









Cadmium in clay

	MIN.	MAX.	%TILE	#SAMP
•	0.1	0.2	89.0	130
•	0.2	0.5	97.9	13
●	0.5	0.6	100	3

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	0.1	0.6	91.9	1645
●	0.6	1.8	98.8	123
●	1.8	3.0	99.7	16
●	3.0	13.0	100	6

by Inductively Coupled Plasma

Cd (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

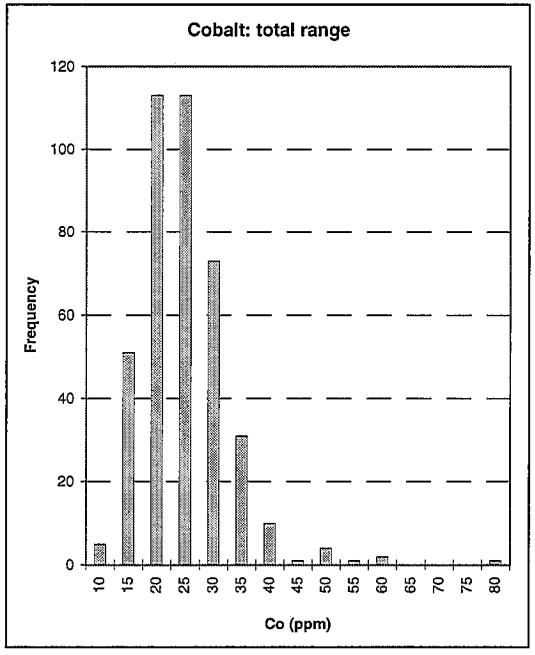
1 : 1 100 000

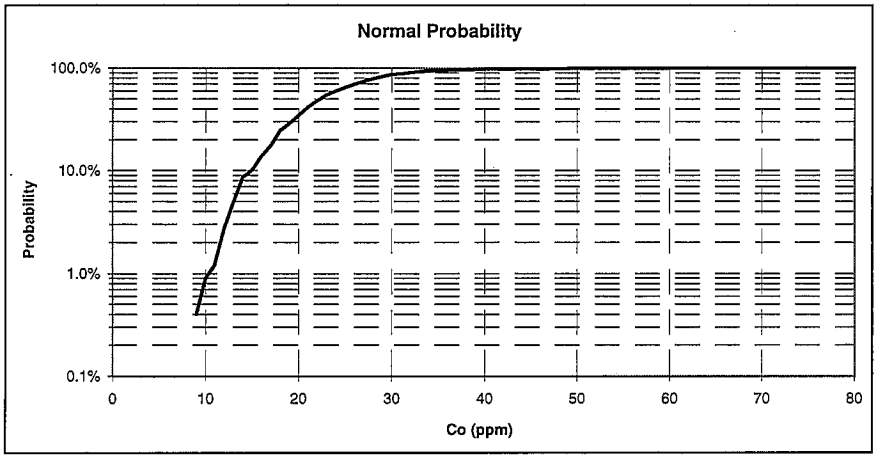
Till geochemistry (< 2 µm)

Co (ppm)

by AAS

Descriptive Statistics	
Mean	22.80
Standard Error	0.39
Median	22
Mode	20
Standard Deviation	7.91
Sample Variance	62.51
Kurtosis	8.878
Skewness	1.90
Range	74
Minimum	6
Maximum	80
Sum	9233
Count	405
Confidence Level (95.0%)	0.77
Maximum	80
99th percentile	49
98th percentile	41
95th percentile	35
90th percentile	31
75th percentile	27
Median	22
25th percentile	19
5th percentile	13
Minimum	6



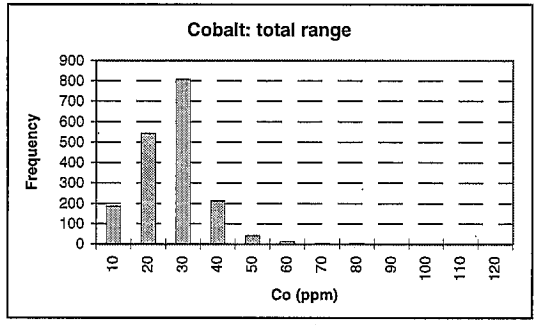


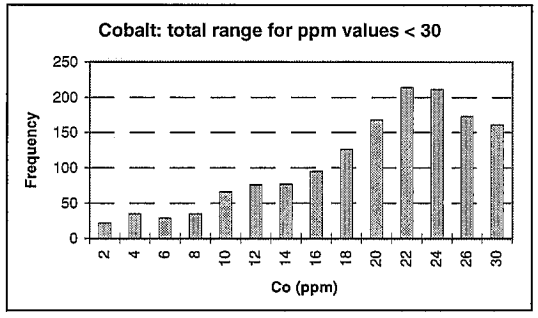
Till geochemistry (< 2 µm)

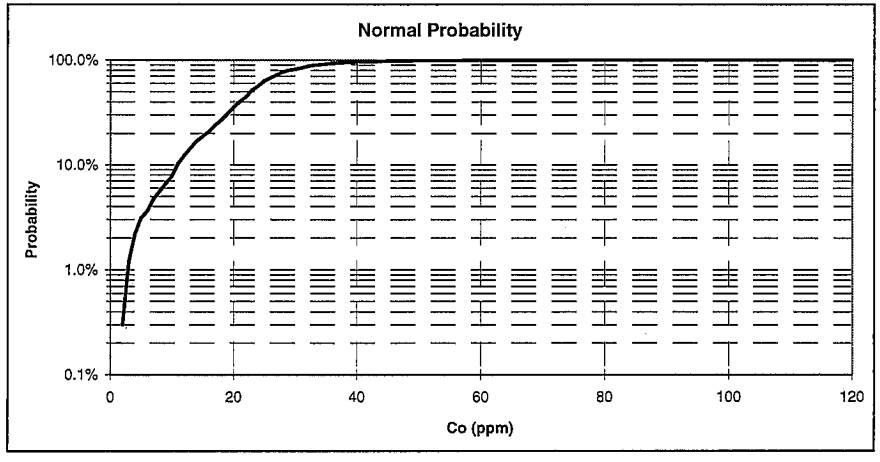
Co (ppm)

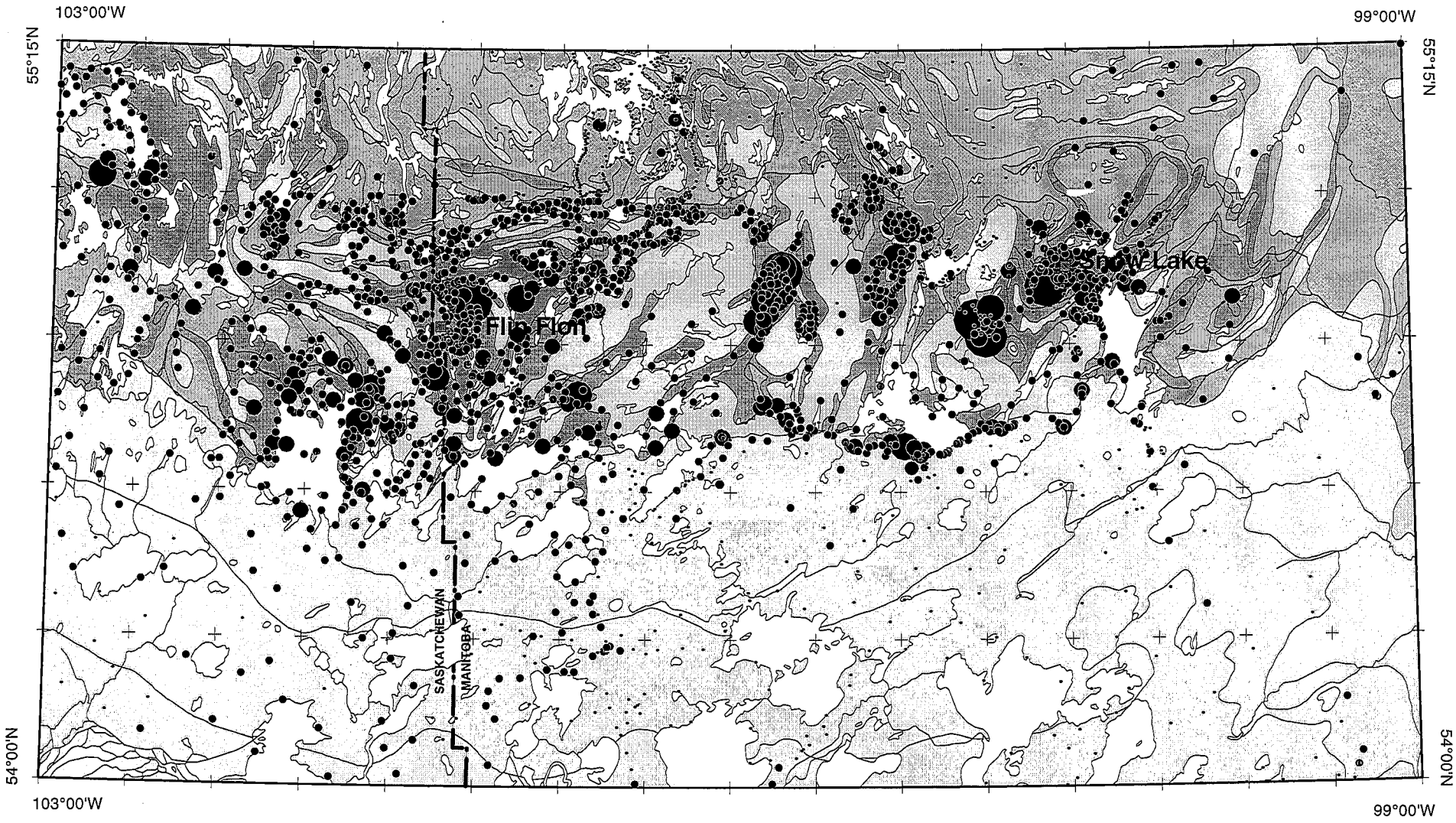
by ICP-AES

Descriptive Statistics	
Mean	22.47
Standard Error	0.24
Median	22
Mode	22
Standard Deviation	10.29
Sample Variance	105.91
Kurtosis	12.165
Skewness	1.82
Range	119
Minimum	1
Maximum	120
Sum	40826
Count	1817
Confidence Level (95.0%)	0.47
Maximum	120
99th percentile	56
98th percentile	48
95th percentile	39
90th percentile	33
75th percentile	27
Median	22
25th percentile	17
5th percentile	7
Minimum	1









Cobalt in clay

	MIN.	MAX.	%TILE	#SAMP
·	6	35	83.4	384
●	35	40	93.1	11
●	40	60	98.6	8
●	60	80	100	2

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
·	1	15	18.7	340
●	15	35	91.9	1330
●	35	50	98.5	119
●	50	65	99.6	21
●	65	120	100	7

by Inductively Coupled Plasma

Co (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

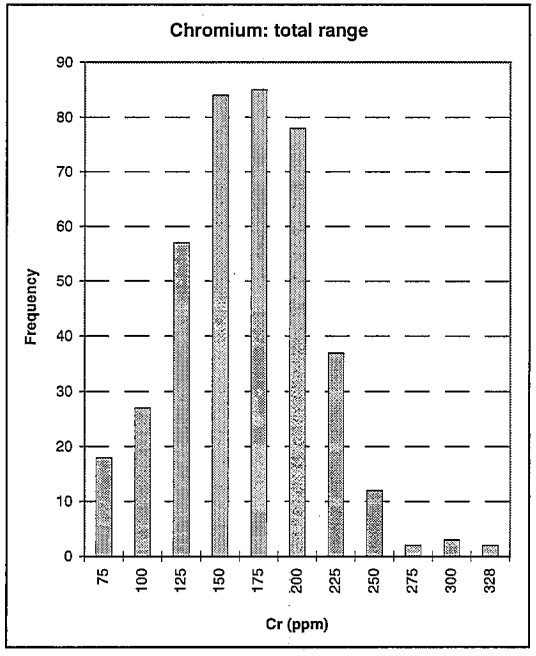
Till geochemistry (< 2 µm)

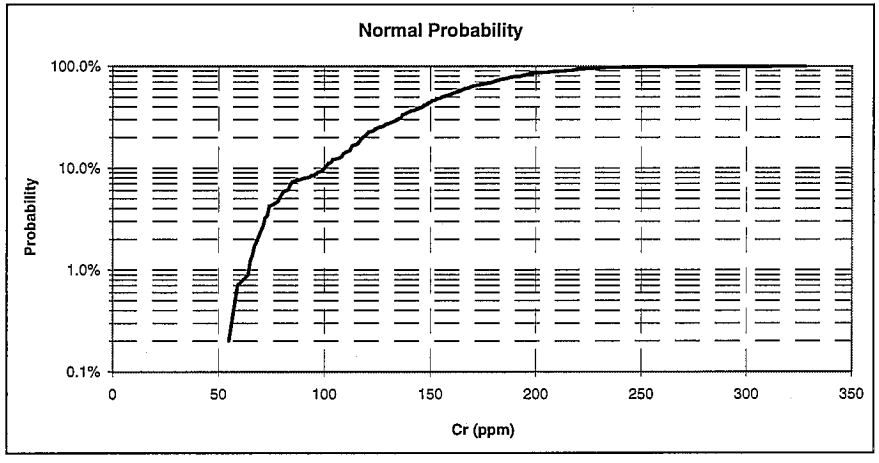
Cr (ppm)

by AAS

Descriptive Statistics

Mean	155.62
Standard Error	2.22
Median	155
Mode	136
Standard Deviation	44.74
Sample Variance	2001.46
Kurtosis	0.512
Skewness	0.24
Range	277
Minimum	51
Maximum	328
Sum	63028
Count	405
Confidence Level (95.0%)	4.36
Maximum	328
99th percentile	277
98th percentile	247
95th percentile	223
90th percentile	212
75th percentile	184
Median	155
25th percentile	124
5th percentile	78
Minimum	51





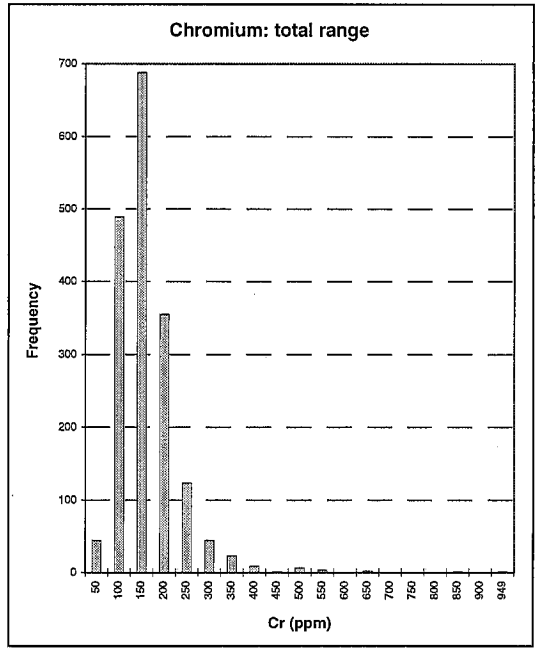
Till geochemistry (< 2 µm)

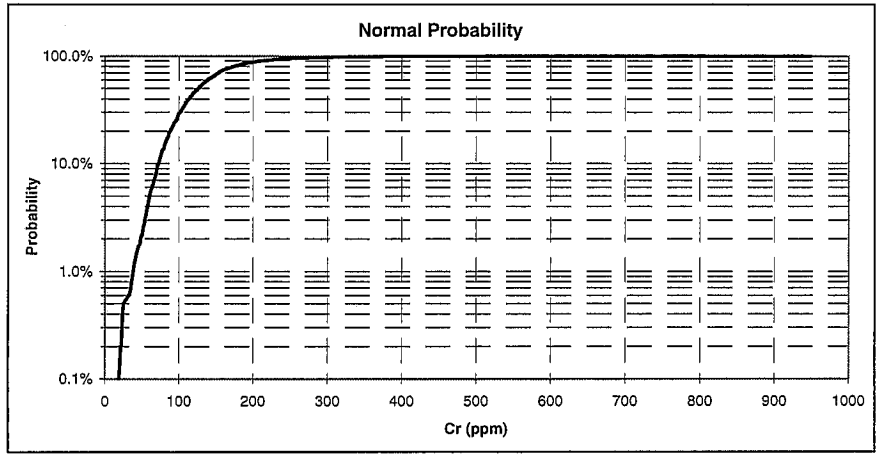
Cr (ppm)

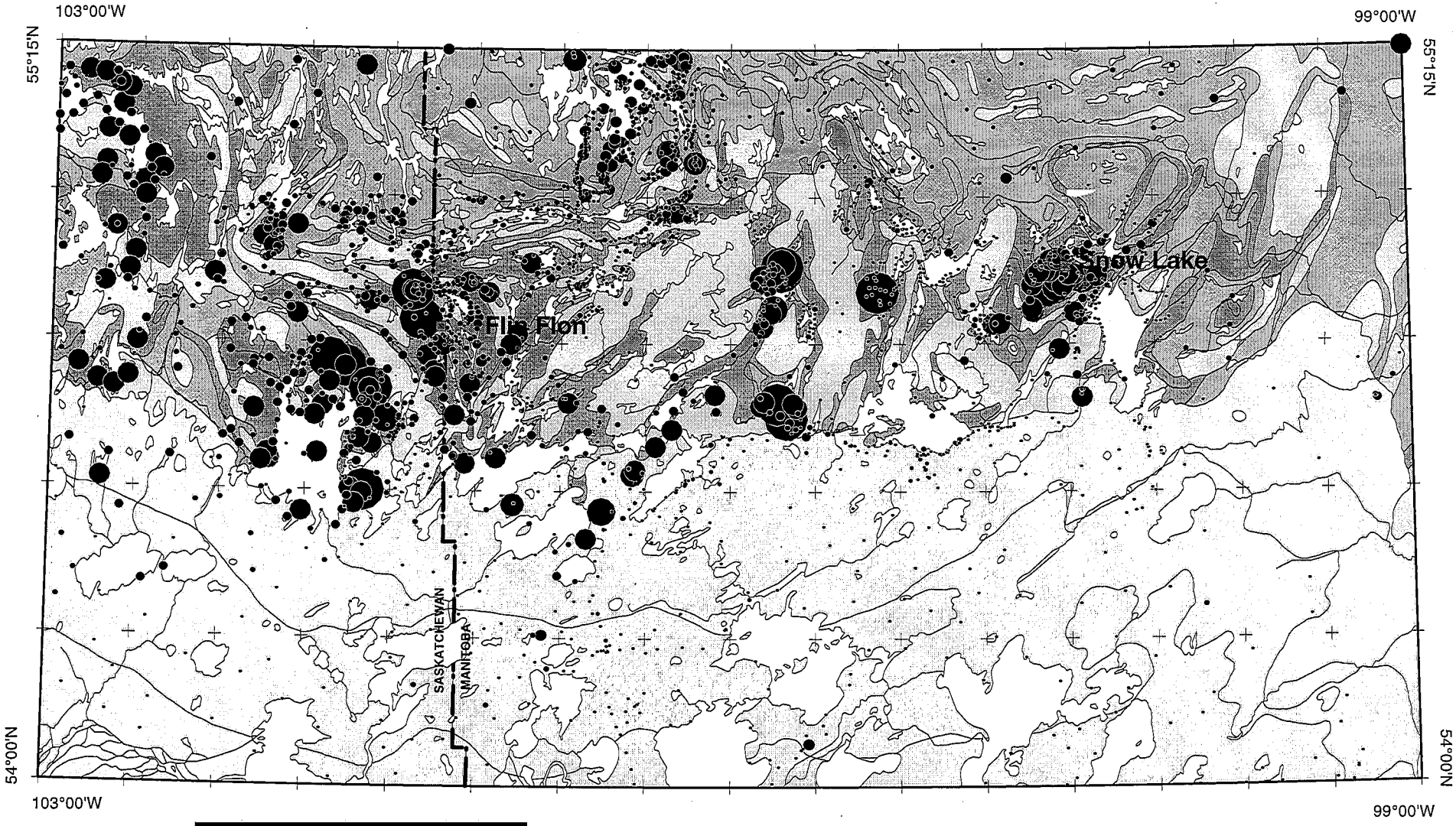
by ICP-AES

Descriptive Statistics

Mean	136.89
Standard Error	1.64
Median	125
Mode	97
Standard Deviation	69.37
Sample Variance	4812.44
Kurtosis	21.735
Skewness	3.07
Range	938
Minimum	11
Maximum	949
Sum	245039
Count	1790
Confidence Level (95.0%)	3.21
Maximum	949
99th percentile	374
98th percentile	316
95th percentile	251
90th percentile	209
75th percentile	162
Median	125
25th percentile	95
5th percentile	60
Minimum	11







Chromium in clay

MIN.	MAX.	%TILE	#SAMP
51	200	85.7	347
200	230	96.0	42
230	275	97.5	10
275	328	100	6

by Atomic Absorption Spectrometry

MIN.	MAX.	%TILE	#SAMP
11	140	61.2	1096
140	180	82.1	373
180	230	92.7	190
230	350	98.7	108
350	450	99.3	10
450	949	100	13

by Inductively Coupled Plasma

Cr (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

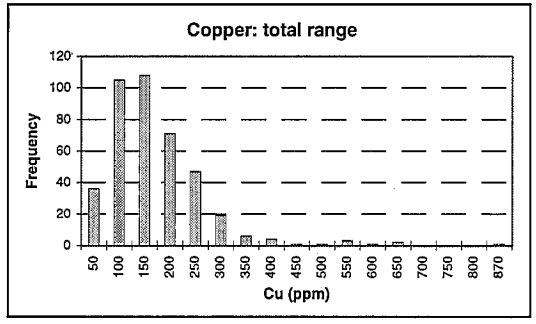
1 : 1 100 000

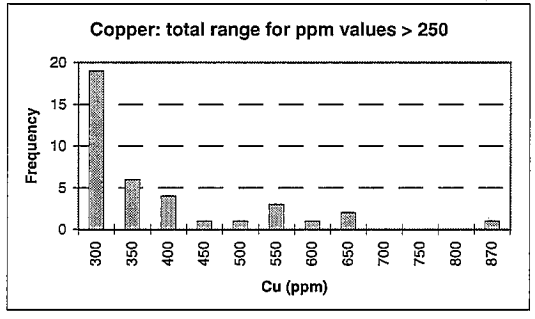
Till geochemistry (< 2 µm)

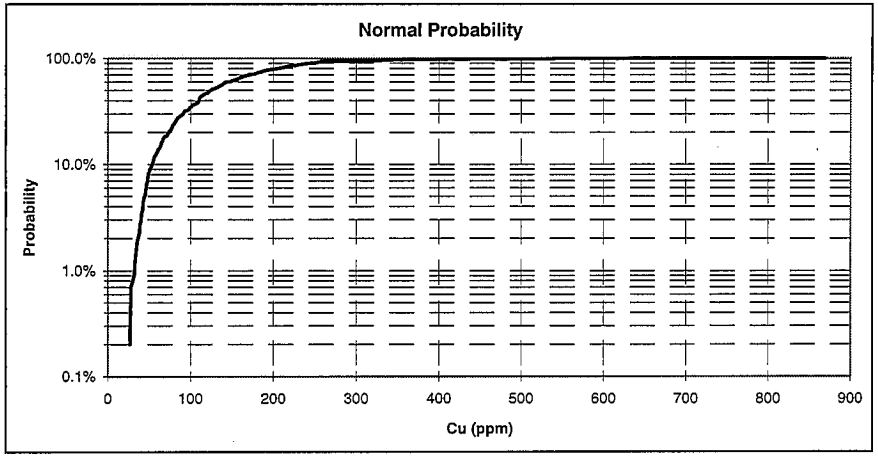
Cu (ppm)

by AAS

Descriptive Statistics	
Mean	146.04
Standard Error	4.87
Median	124
Mode	110
Standard Deviation	98.03
Sample Variance	9610.30
Kurtosis	11.389
Skewness	2.56
Range	850
Minimum	20
Maximum	870
Sum	59146
Count	405
Confidence Level (95.0%)	9.55
Maximum	870
99th percentile	539
98th percentile	410
95th percentile	296
90th percentile	244
75th percentile	186
Median	124
25th percentile	81
5th percentile	44
Minimum	20





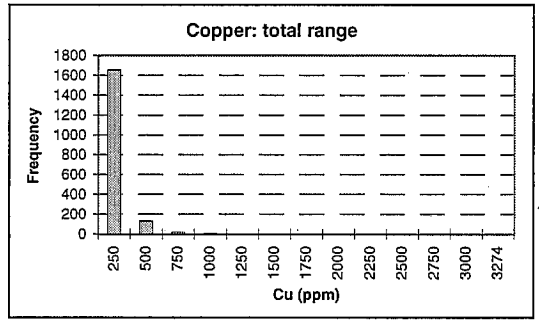


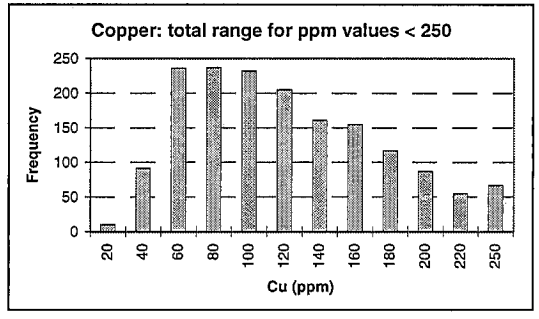
Till geochemistry (< 2 µm)

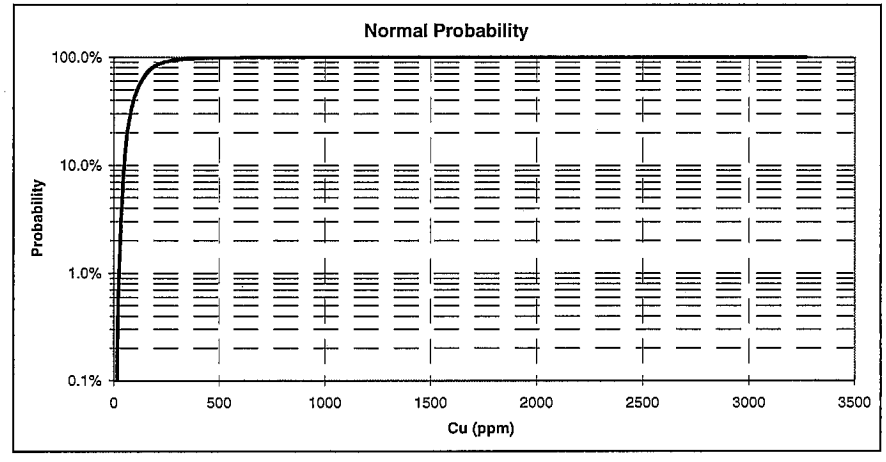
Cu (ppm)

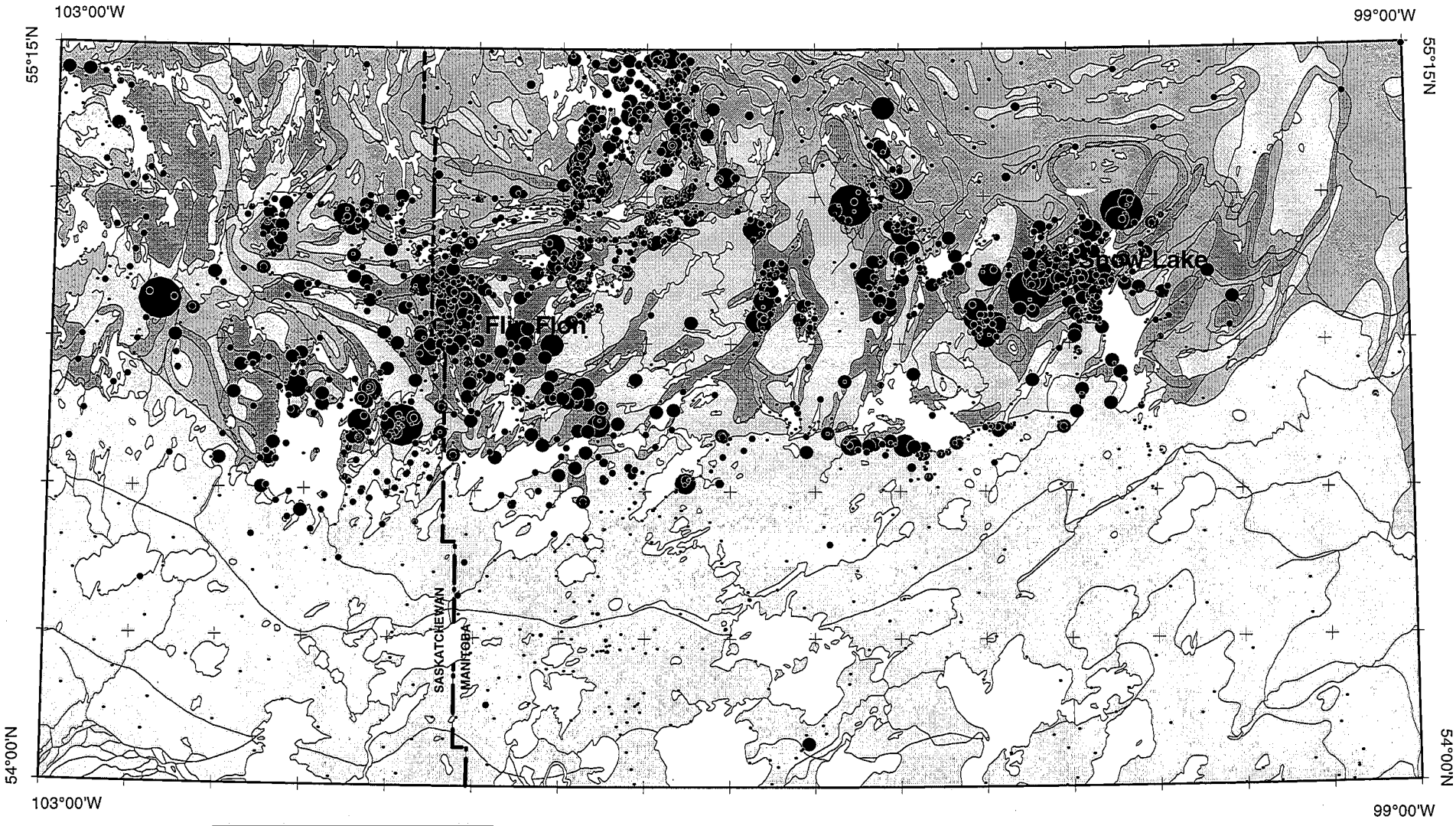
by ICP-AES

Descriptive Statistics	
Mean	138.68
Standard Error	3.27
Median	110.5
Mode	79.0
Standard Deviation	139.50
Sample Variance	19460.02
Kurtosis	169.451
Skewness	9.59
Range	3259
Minimum	15
Maximum	3274
Sum	252125
Count	1818
Confidence Level (95.0%)	6.41
Maximum	3274
99th percentile	606
98th percentile	463
95th percentile	310
90th percentile	240
75th percentile	166
Median	111
25th percentile	71
5th percentile	39
Minimum	15









Copper in clay

	MIN.	MAX.	%TILE	#SAMP
•	20	125	49.7	204
●	125	200	78.9	116
●	200	400	97.7	76
●	400	870	100	9

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	15	125	57.3	1043
●	125	200	84.1	486
●	200	400	97.4	242
●	400	900	99.7	41
●	900	3274	100	6

by Inductively Coupled Plasma

Cu (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

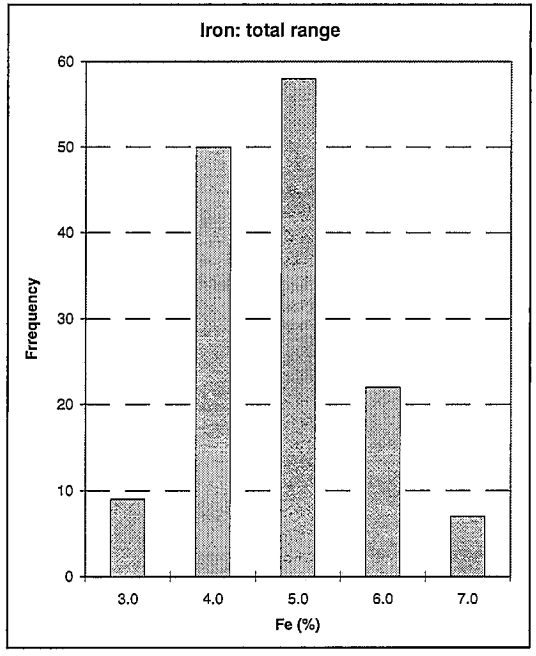
Km 5 0 5 10 15 Km

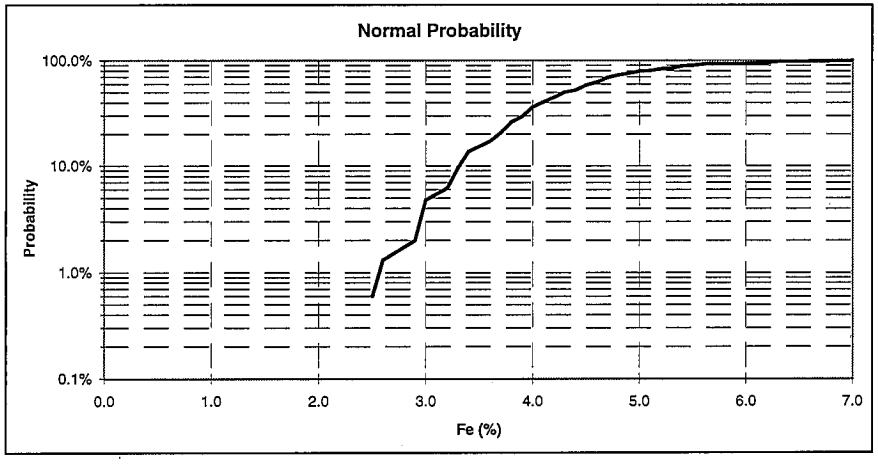
1 : 1 100 000

Till geochemistry (< 2 µm)
Fe (%)
by AAS

Descriptive Statistics

Mean	4.34
Standard Error	0.07
Median	4.25
Mode	3.90
Standard Deviation	0.90
Sample Variance	0.81
Kurtosis	0.328
Skewness	0.46
Range	4.9
Minimum	2.1
Maximum	7.0
Sum	633.0
Count	146
Confidence Level (95.0%)	0.15
Maximum	7.0
99th percentile	6.6
98th percentile	6.3
95th percentile	3.0
90th percentile	5.4
75th percentile	4.8
Median	4.2
25th percentile	3.7
5th percentile	3.0
Minimum	2.1

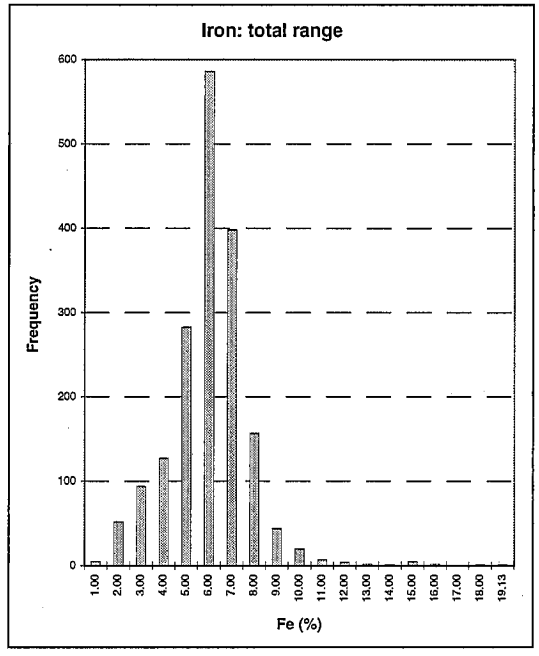


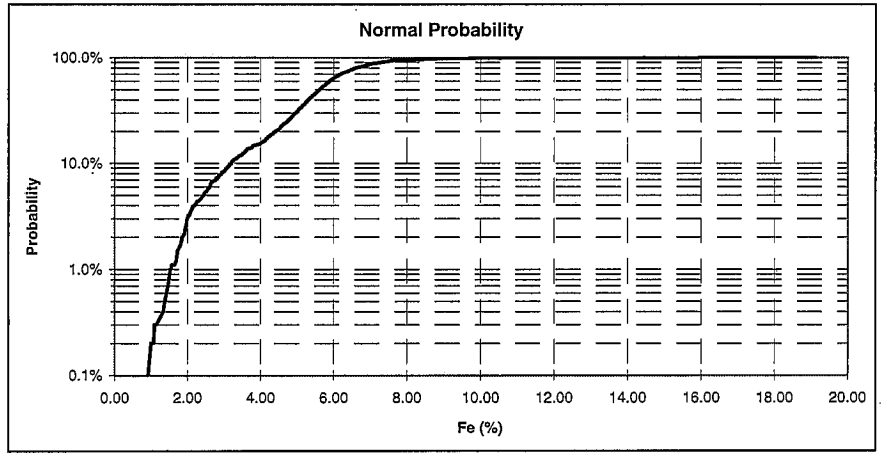


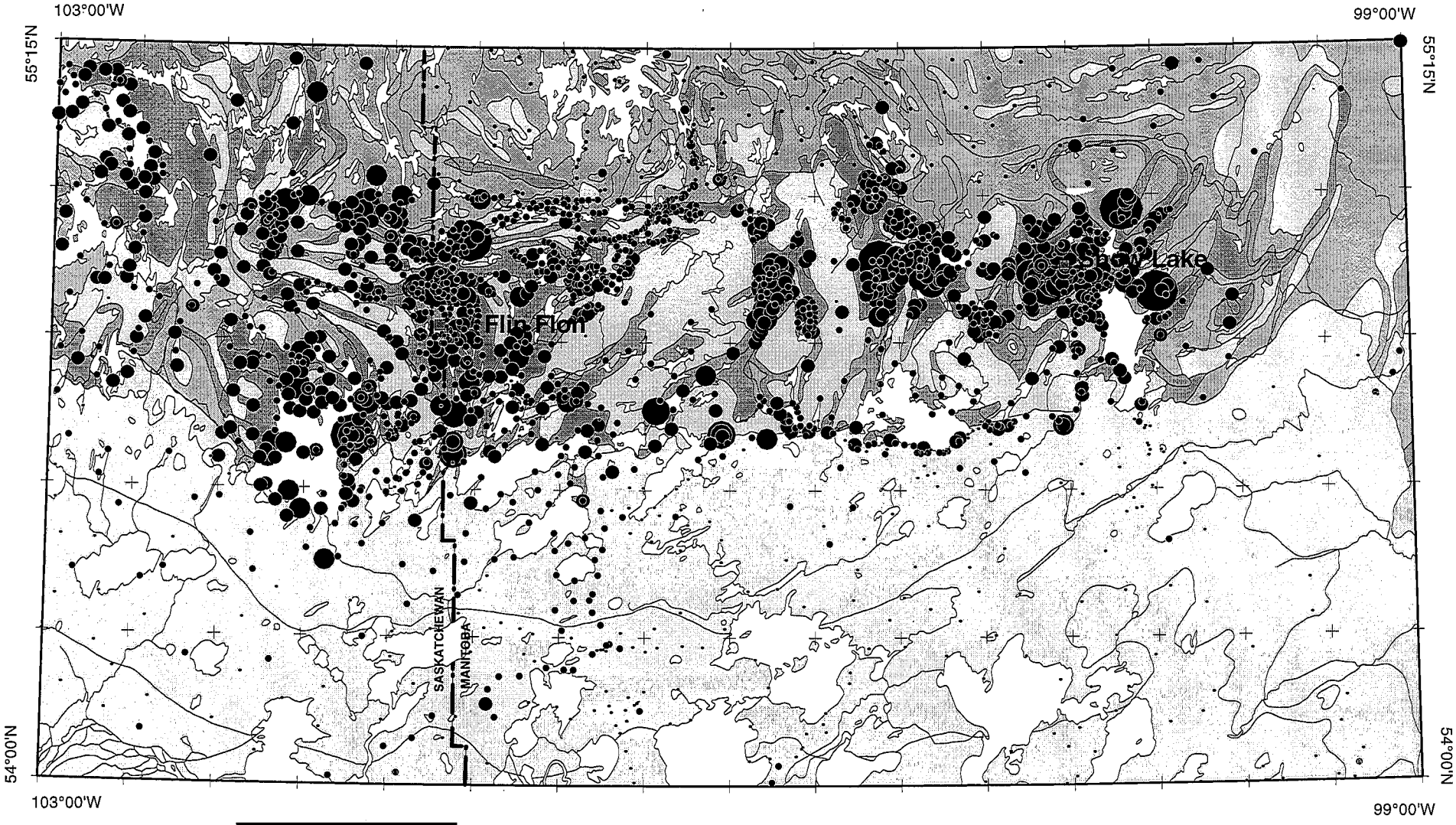
Till geochemistry (< 2 µm)
Fe (%)
by ICP-AES

Descriptive Statistics

Mean	5.53
Standard Error	0.04
Median	5.60
Mode	5.77
Standard Deviation	1.78
Sample Variance	3.18
Kurtosis	6.676
Skewness	0.99
Range	18.95
Minimum	0.18
Maximum	19.13
Sum	9889.47
Count	1789
Confidence Level (95.0%)	0.08
Maximum	19.13
99th percentile	10.57
98th percentile	9.46
95th percentile	7.92
90th percentile	7.29
75th percentile	6.41
Median	5.61
25th percentile	4.73
5th percentile	2.44
Minimum	0.18







Iron in clay

	MIN.	MAX.	%TILE	#SAMP
•	2.1	5.5	89.7	131
●	5.5	7.0	100	15

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	0.18	4.00	15.4	276
•	4.00	6.00	63.8	865
●	6.00	8.00	95.1	561
●	8.00	10.00	98.5	61
●	10.00	13.00	99.4	16
●	13.00	19.13	100	10

by Inductively Coupled Plasma

Fe (%)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

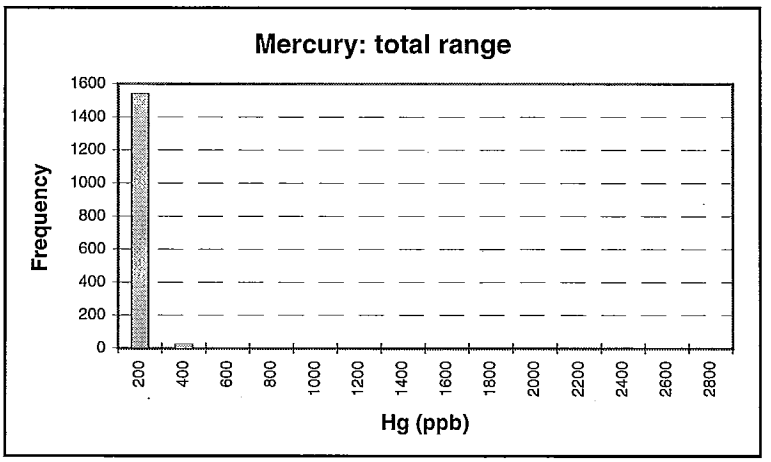
Till geochemistry (< 2 µm)

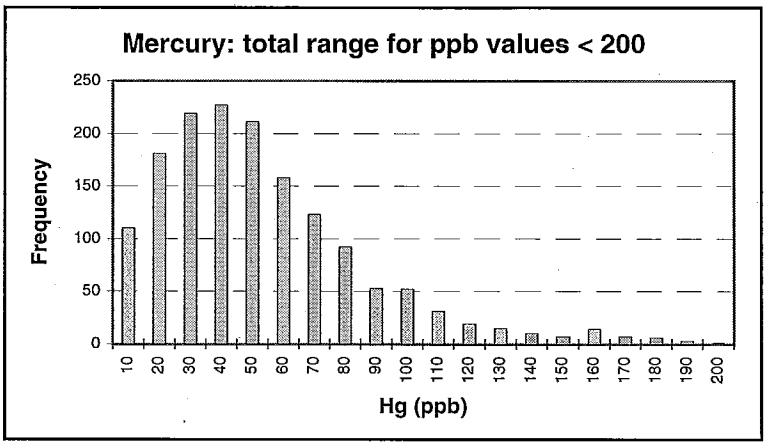
Hg (ppb)

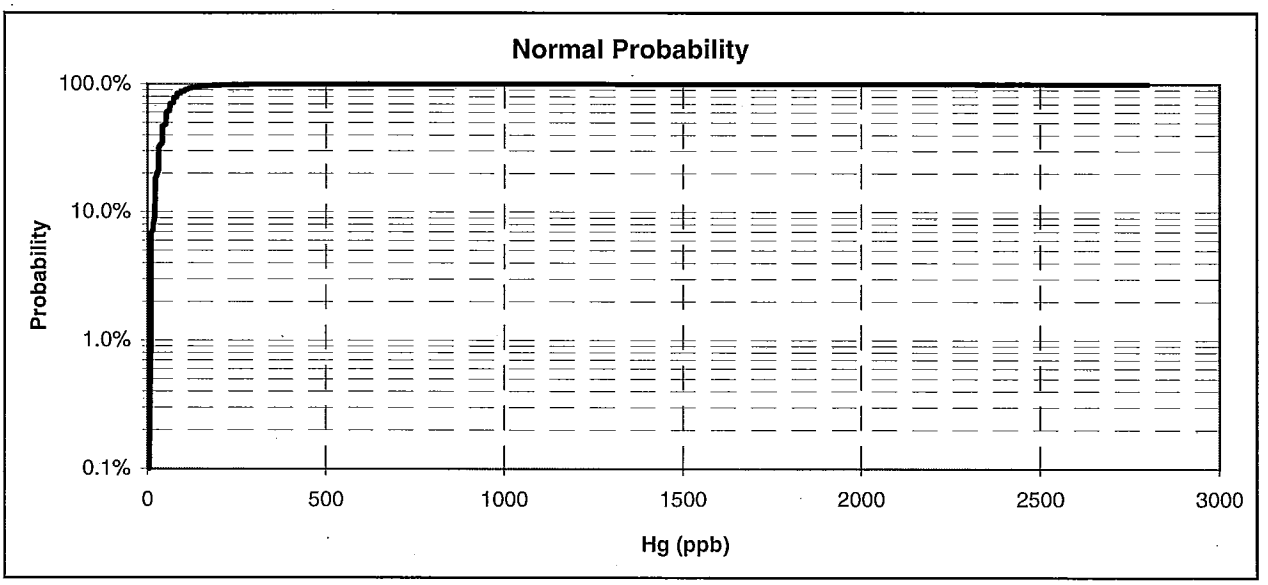
by C.V. AAS

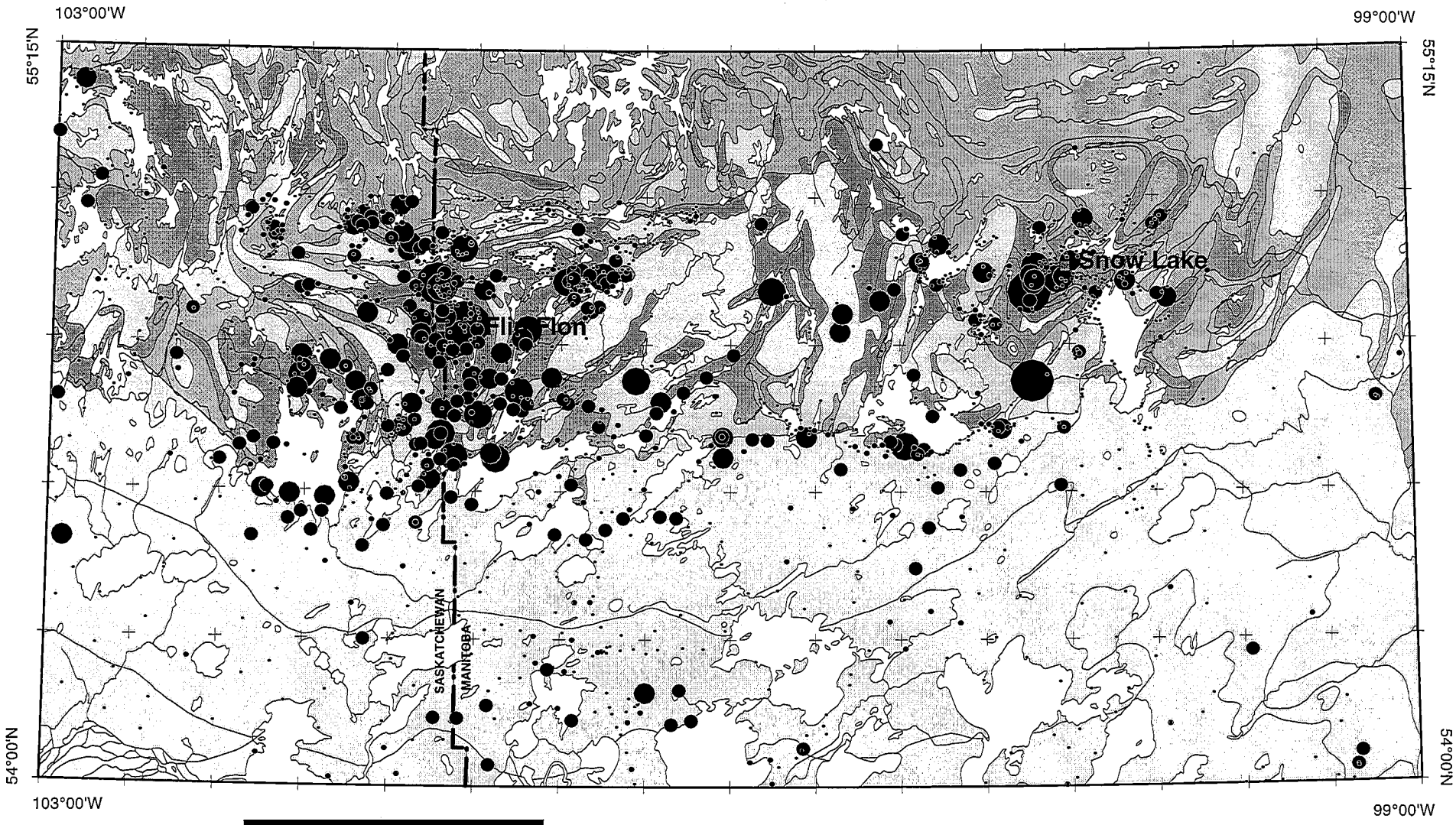
Descriptive Statistics

Mean	60.59
Standard Error	2.62
Median	50
Mode	40
Standard Deviation	103.97
Sample Variance	10809.27
Kurtosis	470.713
Skewness	19.41
Range	2797
Minimum	3
Maximum	2800
Sum	95314
Count	1573
Confidence Level (95.0%)	5.14
Maximum	2800
99th percentile	260
98th percentile	205
95th percentile	140
90th percentile	100
75th percentile	70
Median	50
25th percentile	30
5th percentile	10
Minimum	3









Mercury in clay

	MIN.	MAX.	%TILE	#SAMP
•	3	65	70.4	1107
•	65	90	84.3	219
●	90	140	94.9	166
●	140	220	98.3	54
●	220	400	99.6	21
●	400	2800	100	6

by C.A. Atomic Absorption Spectrometry

Hg (ppb)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

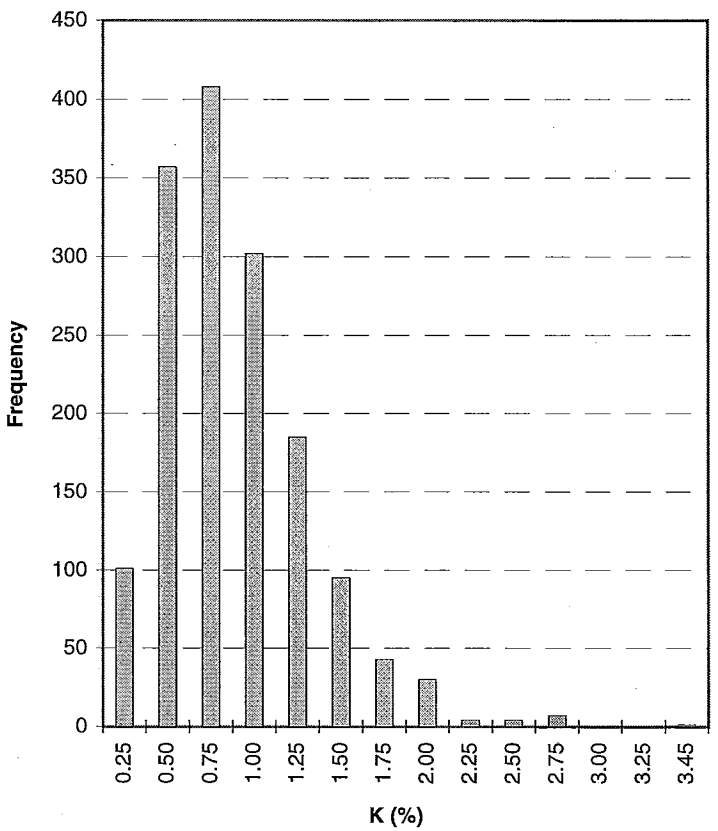
1 : 1 100 000

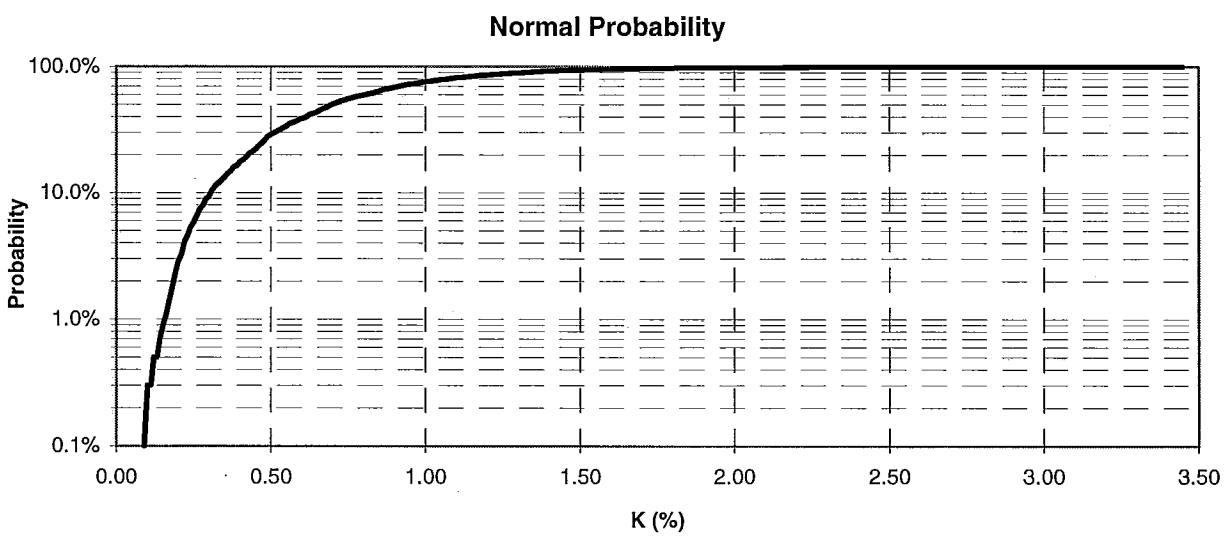
Till geochemistry (< 2 µm)

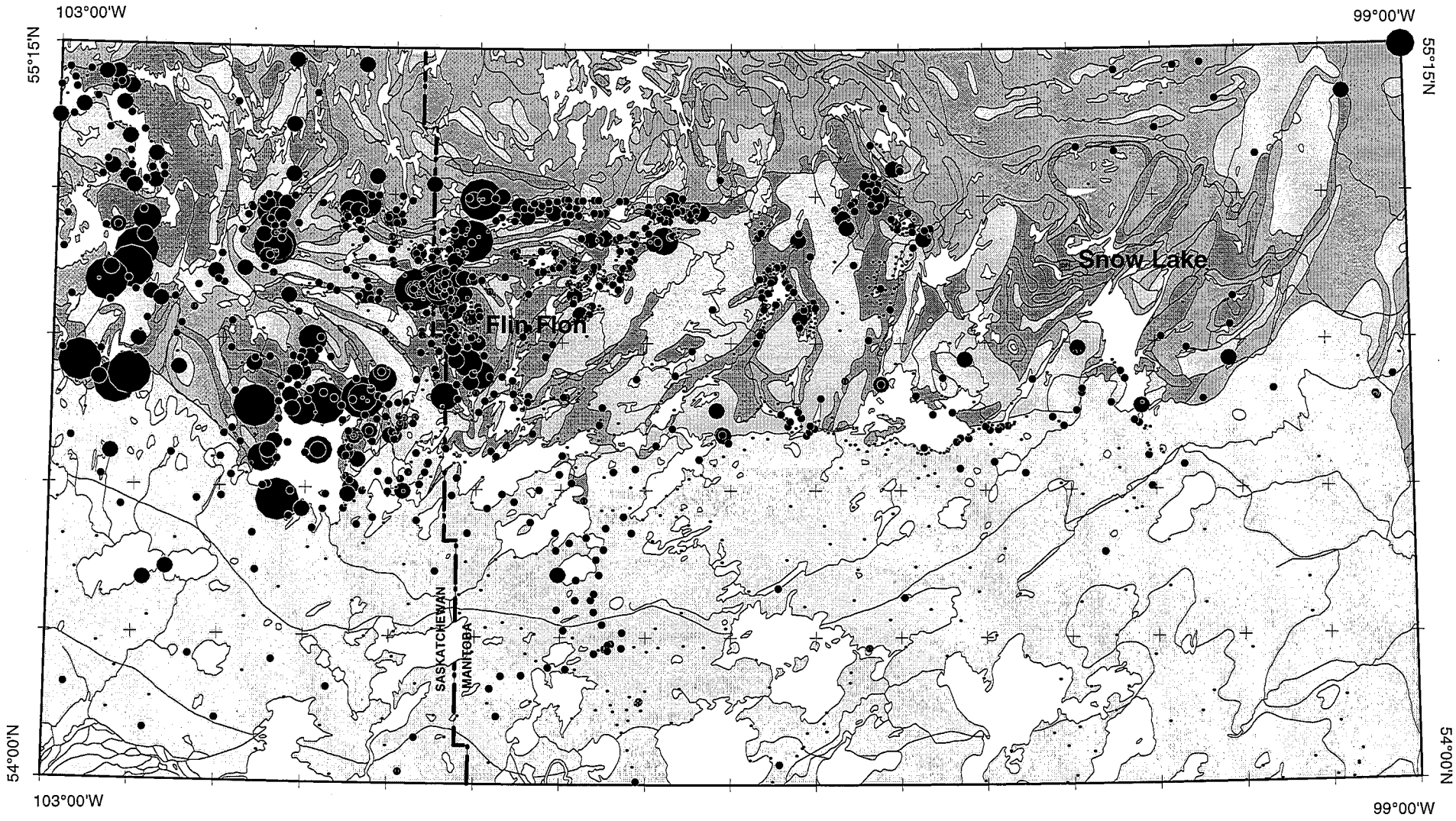
K (%)

by ICP-AES

Descriptive Statistics	
Mean	0.77
Standard Error	0.01
Median	0.69
Mode	0.48
Standard Deviation	0.42
Sample Variance	0.18
Kurtosis	2.776
Skewness	1.24
Range	3.42
Minimum	0.03
Maximum	3.45
Sum	1180.73
Count	1537
Confidence Level (95.0%)	0.02
Maximum	3.45
99th percentile	2.10
98th percentile	1.81
95th percentile	1.54
90th percentile	1.32
75th percentile	0.99
Median	0.69
25th percentile	0.47
5th percentile	0.23
Minimum	0.03







Potassium in clay

MIN.	MAX.	%TILE	#SAMP
0.03	0.70	50.4	774
0.70	1.30	89.2	597
1.30	1.80	97.5	127
1.80	2.00	99.0	23
2.00	3.45	100	16

by Inductively Coupled Plasma

K (%)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

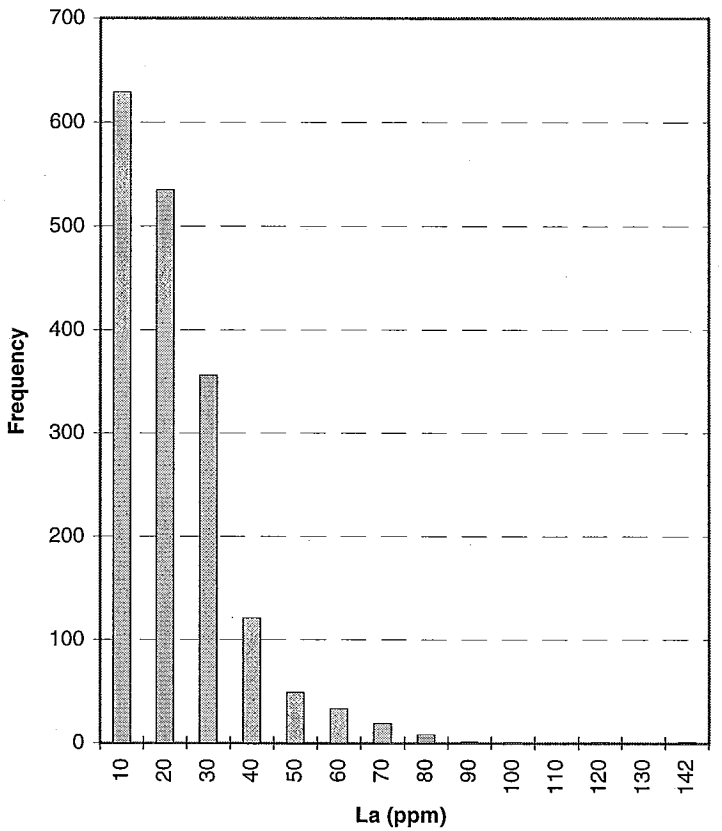
Till geochemistry (< 2 µm)

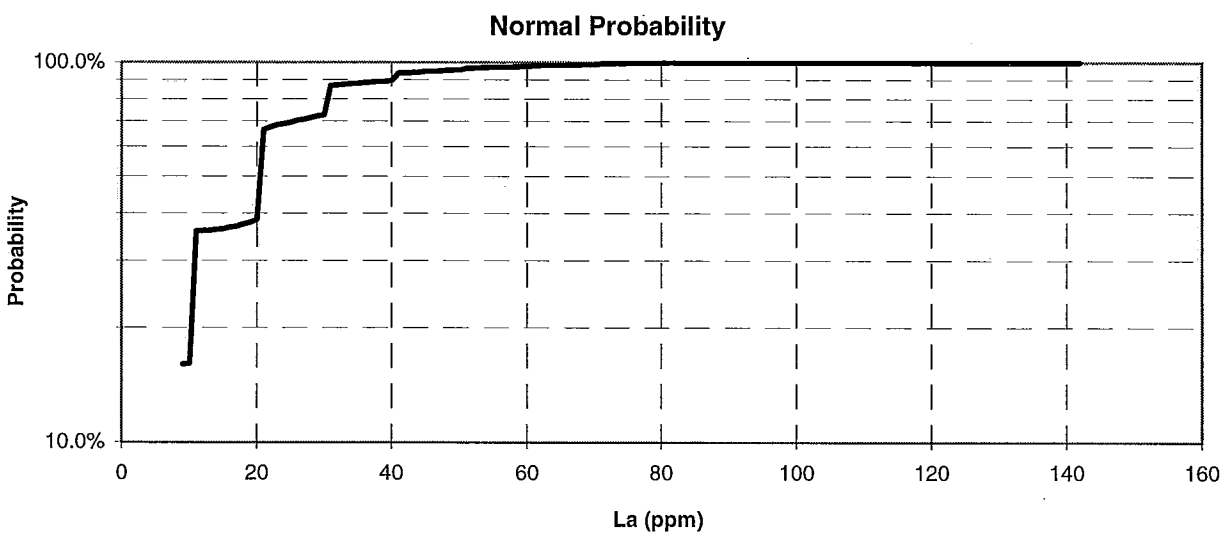
La (ppm)

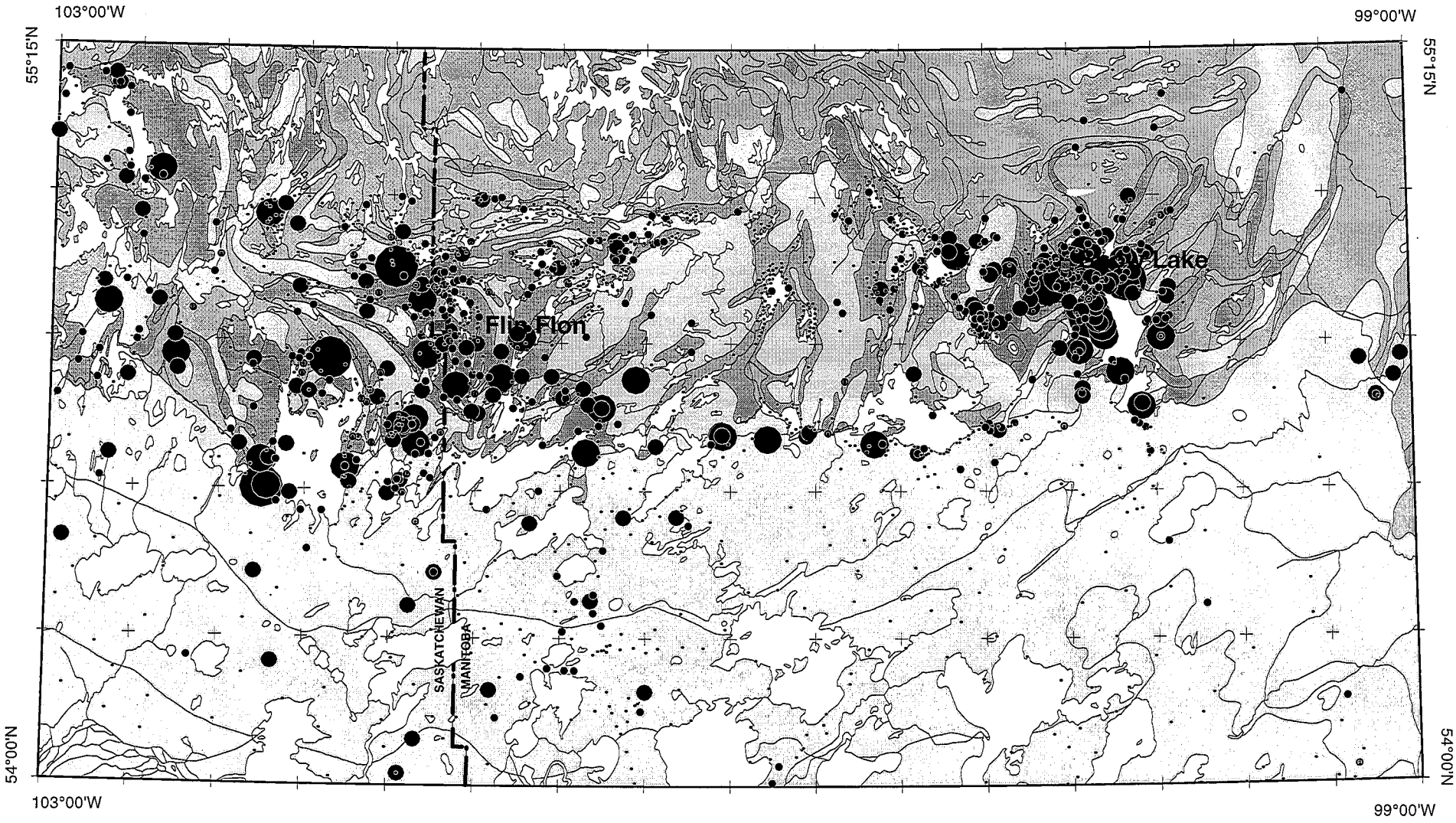
by ICP-AES

Descriptive Statistics

Mean	20.84
Standard Error	0.34
Median	20
Mode	20
Standard Deviation	14.05
Sample Variance	197.30
Kurtosis	6.332
Skewness	1.713
Range	137
Minimum	5
Maximum	142
Sum	36555
Count	1754
Confidence Level (95.0%)	0.66
Maximum	142
99th percentile	70
98th percentile	60
95th percentile	47
90th percentile	40
75th percentile	30
Median	20
25th percentile	10
5th percentile	5
Minimum	5







Lanthanum in clay

	MIN.	MAX.	%TILE	#SAMP
·	5	25	69.3	1216
•	25	40	89.4	352
●	40	60	97.5	143
●	60	80	99.7	37
●	80	142	100	6

by Inductively Coupled Plasma

La (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

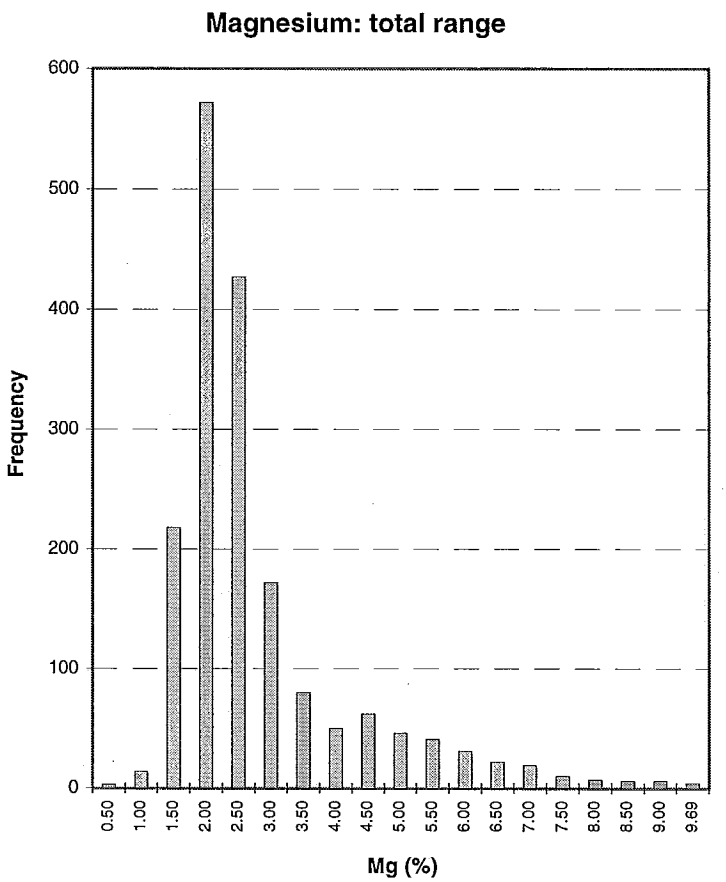
1 : 1 100 000

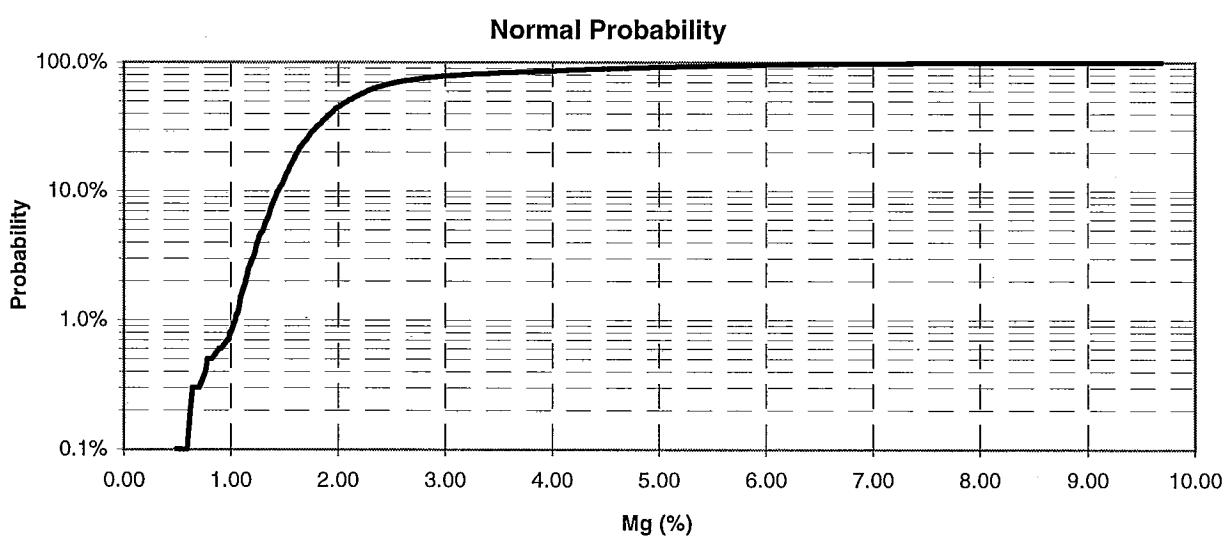
Till geochemistry (< 2 µm)

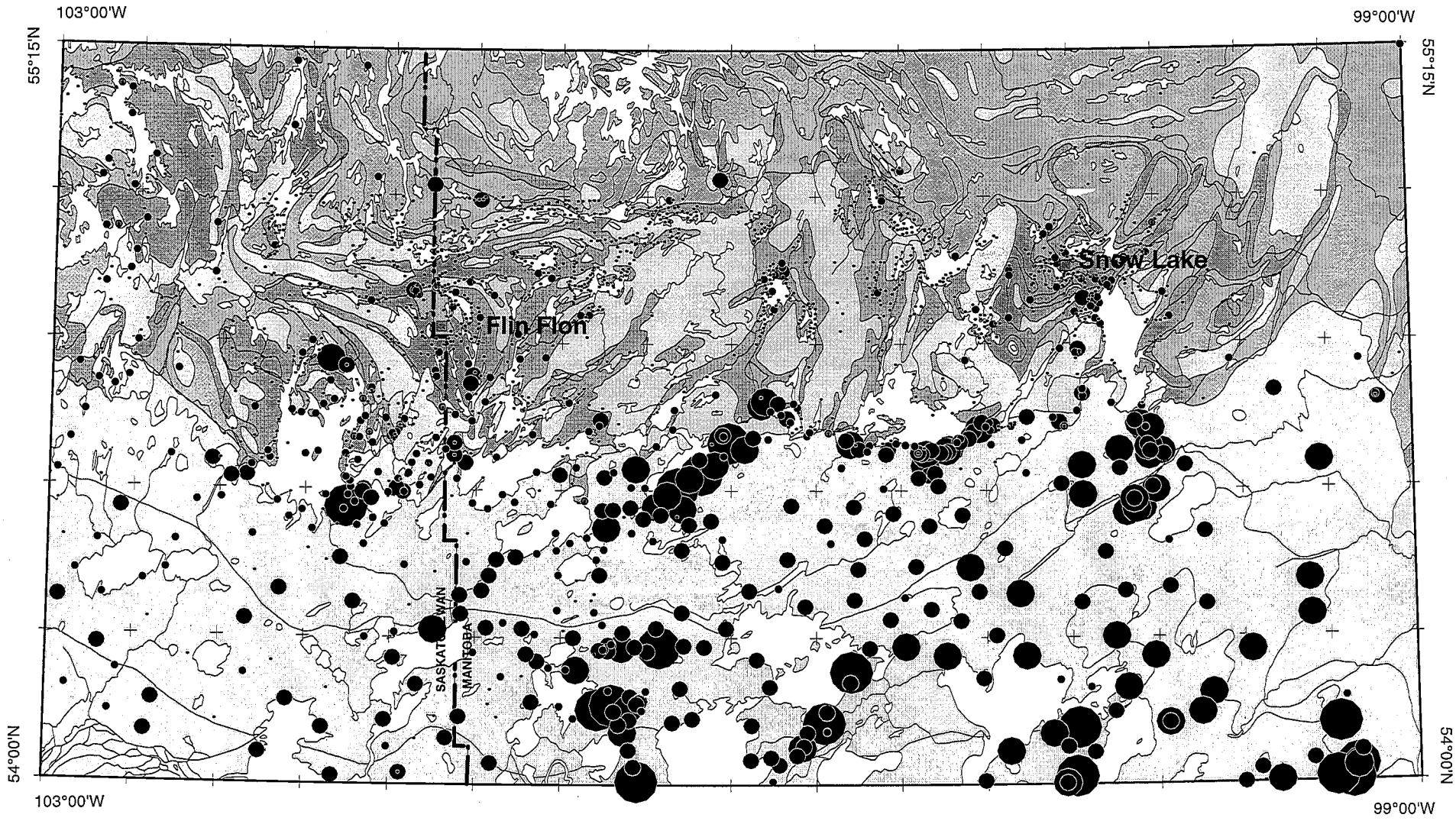
Mg (%)

by ICP-AES

Descriptive Statistics	
Mean	2.56
Standard Error	0.03
Median	2.09
Mode	1.84
Standard Deviation	1.42
Sample Variance	2.01
Kurtosis	4.203
Skewness	1.99
Range	9.44
Minimum	0.25
Maximum	9.69
Sum	4580.72
Count	1790
Confidence Level (95.0%)	0.07
Maximum	9.69
99th percentile	7.84
98th percentile	6.94
95th percentile	5.76
90th percentile	4.64
75th percentile	2.78
Median	2.09
25th percentile	1.70
5th percentile	1.30
Minimum	0.25







Magnesium in clay

	MIN.	MAX.	%TILE	#SAMP
·	0.25	2.50	68.6	1228
•	2.50	4.00	85.6	305
●	4.00	6.00	95.9	183
●	6.00	8.00	99.1	58
●	8.00	9.69	100	16

by Inductively Coupled Plasma

Mg (%)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

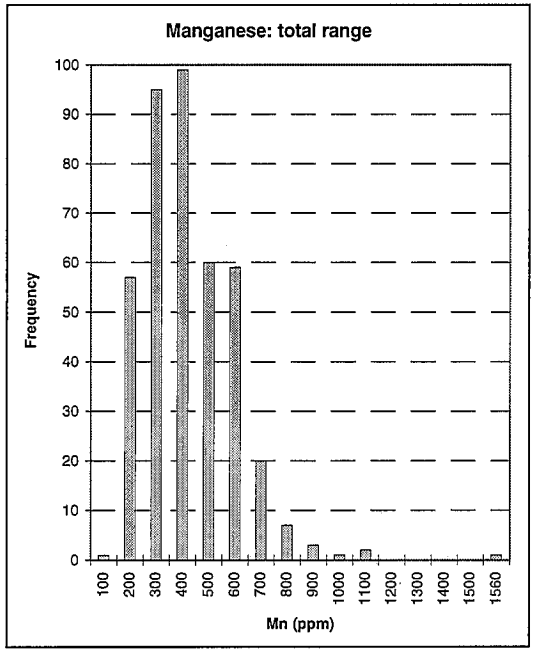
Till geochemistry (< 2 µm)

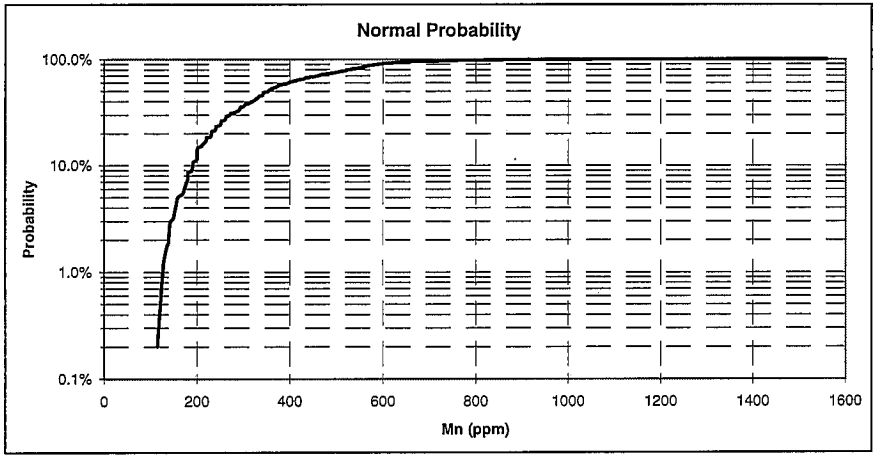
Mn (ppm)

by AAS

Descriptive Statistics

Mean	378.66
Standard Error	8.55
Median	350
Mode	350
Standard Deviation	172.06
Sample Variance	29604.65
Kurtosis	5.501
Skewness	1.43
Range	1490
Minimum	70
Maximum	1560
Sum	153356
Count	405
Confidence Level (95.0%)	16.76
Maximum	1560
99th percentile	860
98th percentile	760
95th percentile	650
90th percentile	590
75th percentile	490
Median	350
25th percentile	250
5th percentile	158
Minimum	70





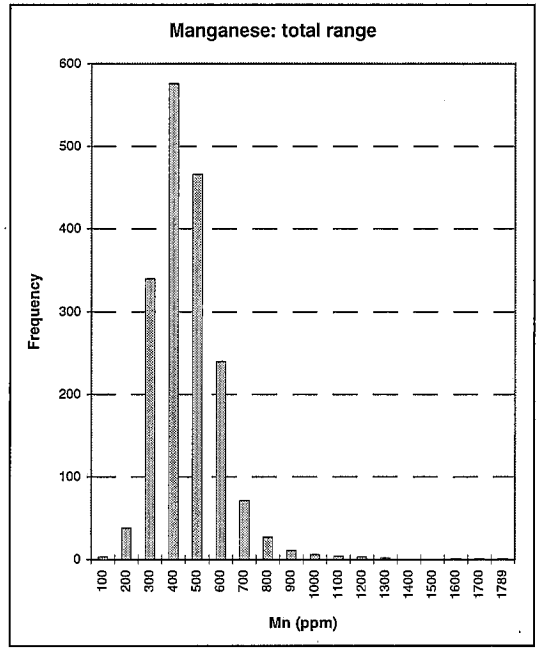
Till geochemistry (< 2 µm)

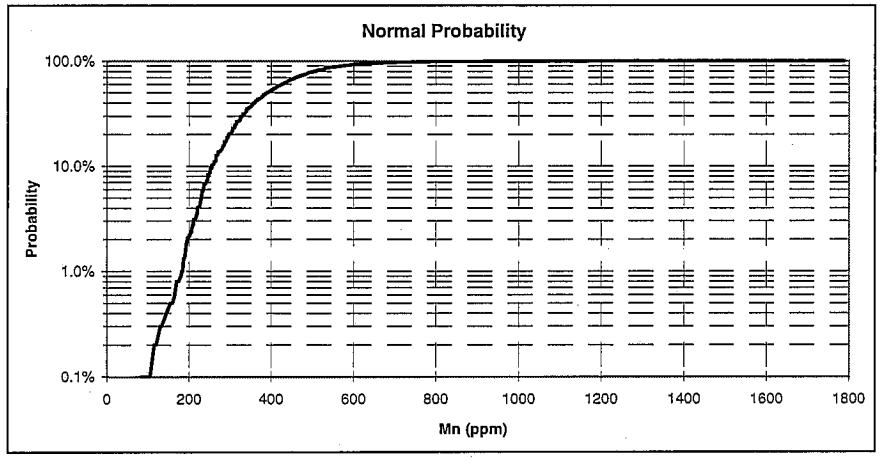
Mn (ppm)

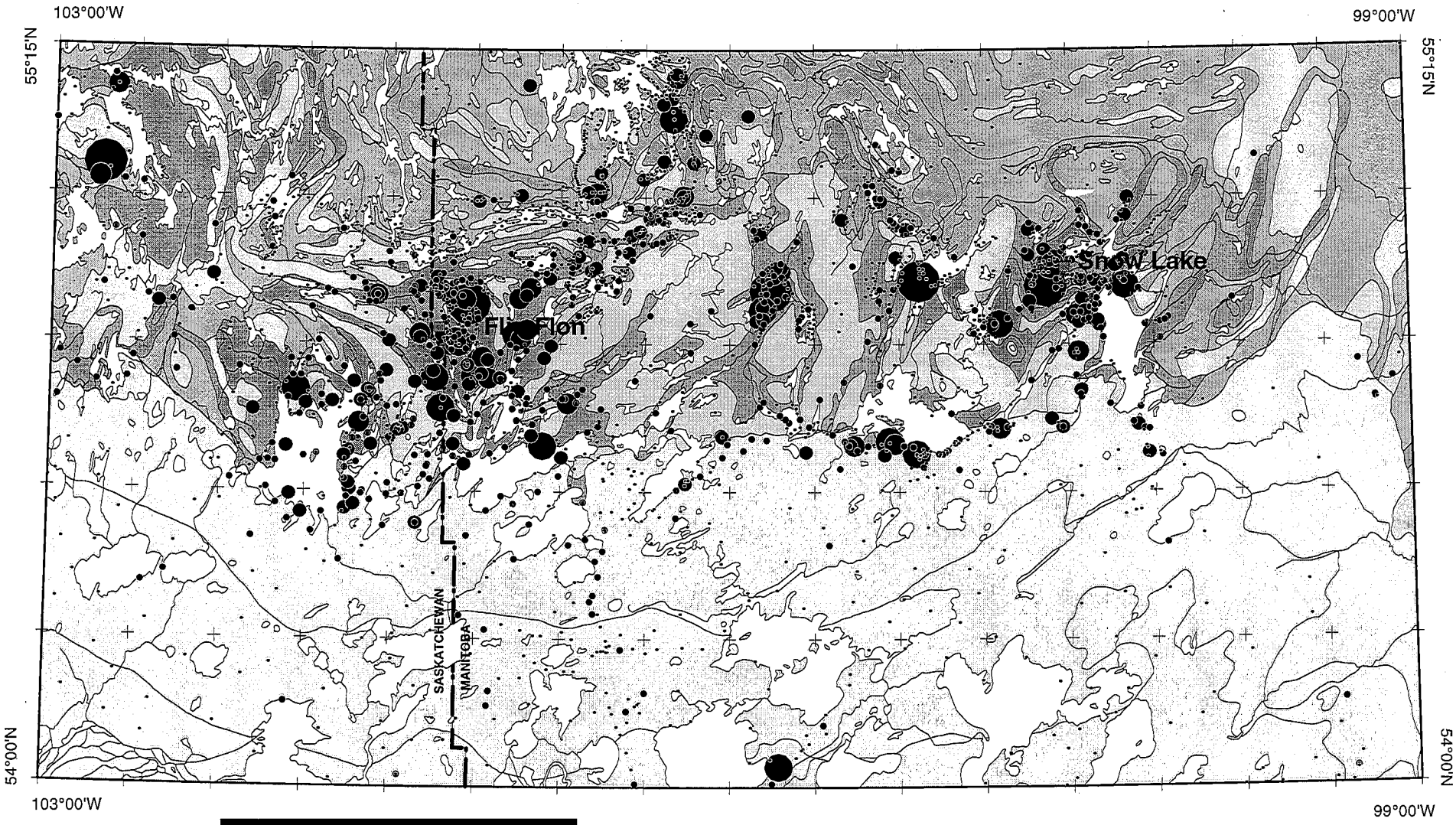
by ICP-AES

Descriptive Statistics

Mean	409.65
Standard Error	3.47
Median	390
Mode	360
Standard Deviation	146.63
Sample Variance	21499.65
Kurtosis	11.542
Skewness	2.10
Range	1724
Minimum	65
Maximum	1789
Sum	733276
Count	1790
Confidence Level (95.0%)	6.79
Maximum	1789
99th percentile	915
98th percentile	765
95th percentile	640
90th percentile	575
75th percentile	480
Median	390
25th percentile	315
5th percentile	230
Minimum	65







Manganese in clay

MIN.	MAX.	%TILE	#SAMP
70	600	80.3	369
600	750	97.7	27
750	850	99.0	4
850	1560	100	5

by Atomic Absorption Spectrometry

MIN.	MAX.	%TILE	#SAMP
65	450	66.8	1196
450	600	92.6	461
600	750	97.8	93
750	900	99.0	22
900	1200	99.7	13
1200	1789	100	5

by Inductively Coupled Plasma

Mn (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

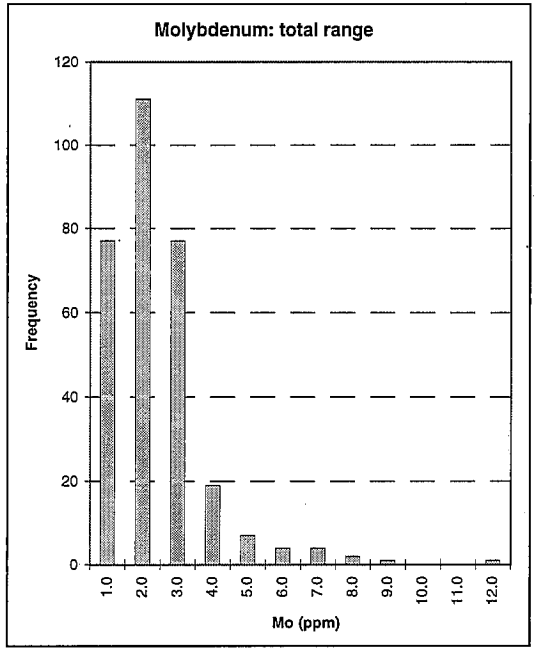
1 : 1 100 000

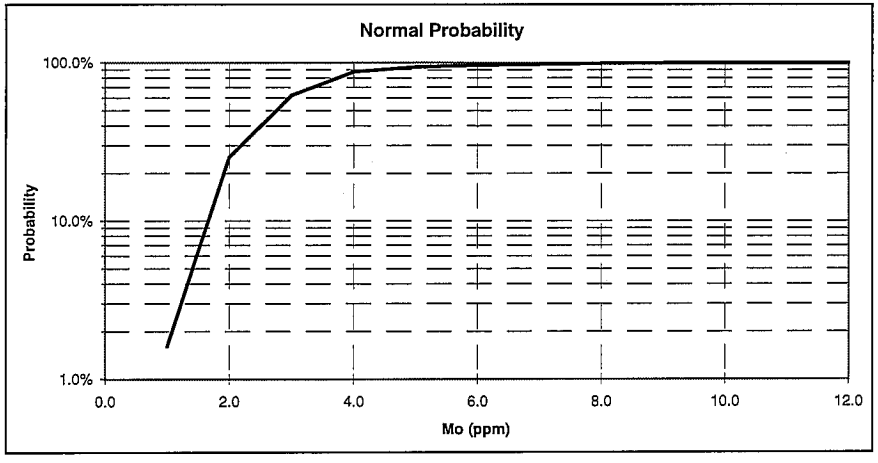
Till geochemistry (< 2 µm)

Mo (ppm)

by AAS

Descriptive Statistics	
Mean	2.40
Standard Error	0.08
Median	2.0
Mode	2.0
Standard Deviation	1.45
Sample Variance	2.10
Kurtosis	8.877
Skewness	2.27
Range	11.5
Minimum	0.5
Maximum	12.0
Sum	727.5
Count	303
Confidence Level (95.0%)	0.16
Maximum	12.0
99th percentile	8.0
98th percentile	7.0
95th percentile	5.0
90th percentile	4.0
75th percentile	3.0
Median	2.0
25th percentile	1.0
5th percentile	1.0
Minimum	0.5



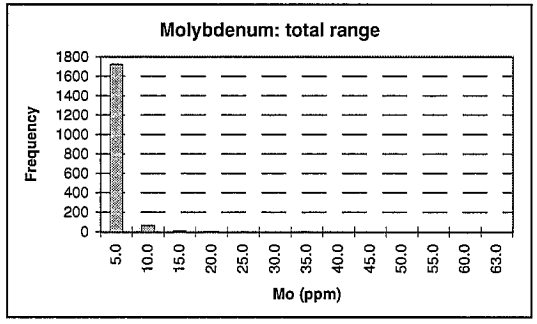


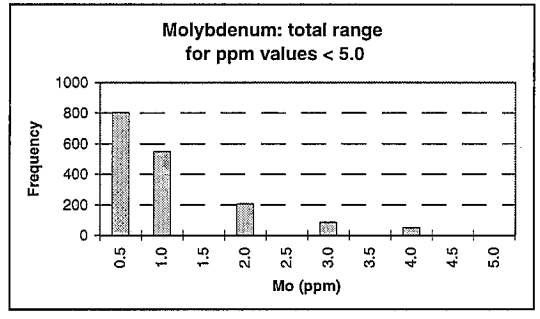
Till geochemistry (< 2 µm)

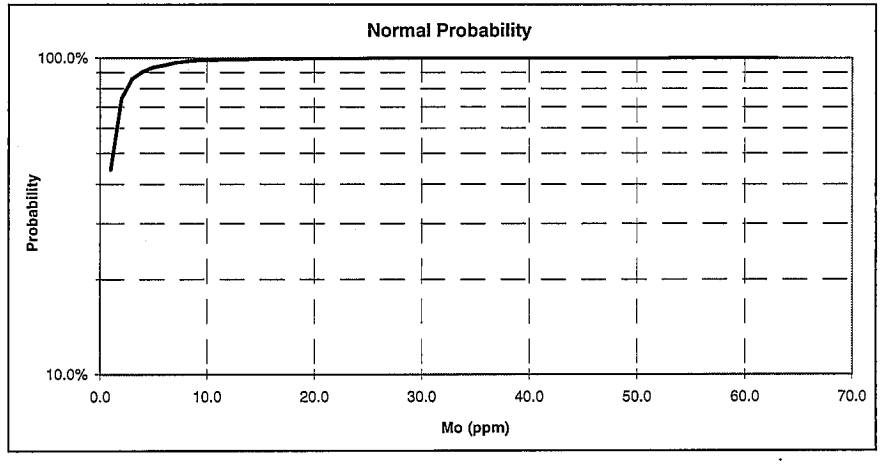
Mo (ppm)

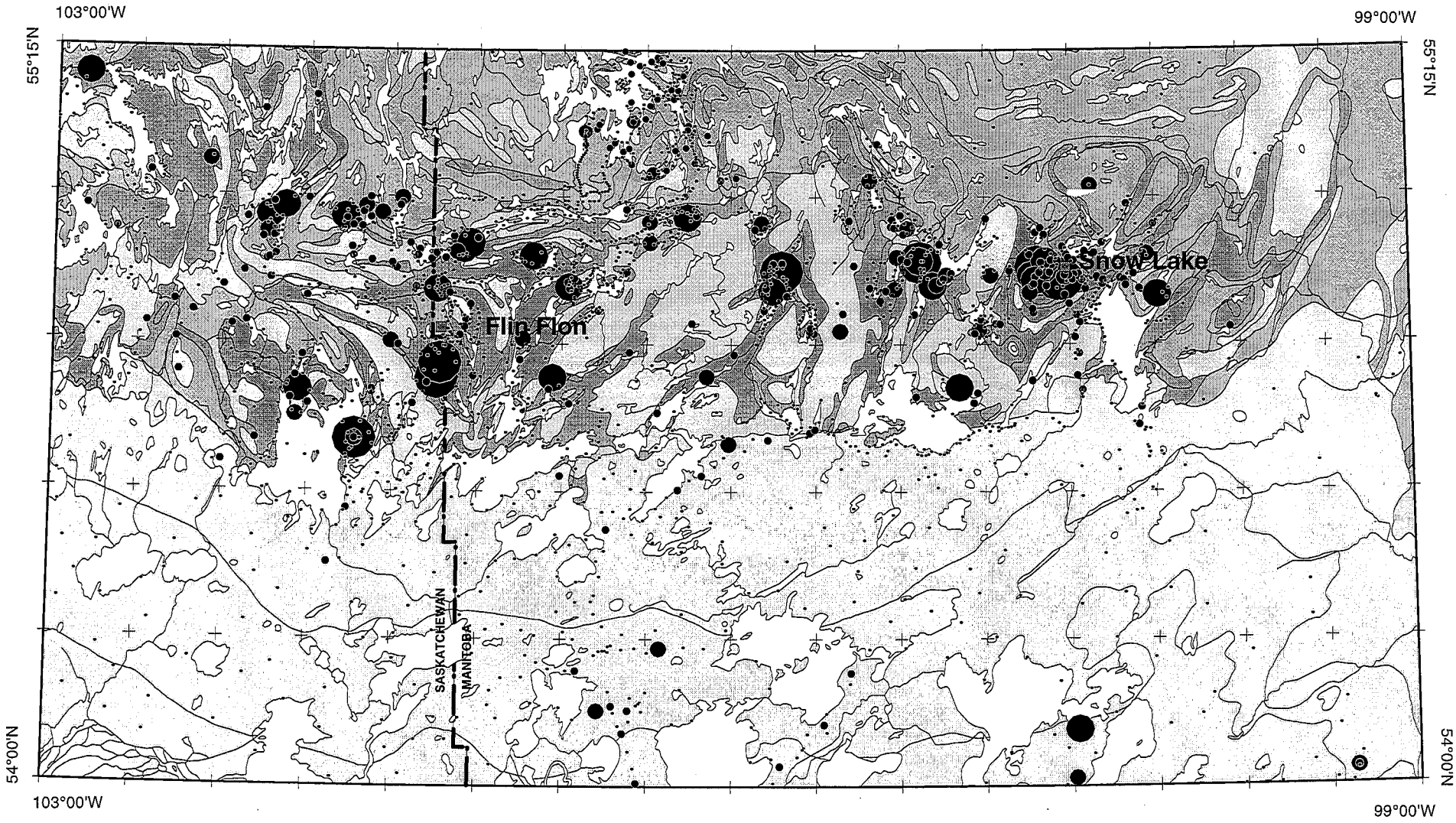
by ICP-AES

Descriptive Statistics	
Mean	1.65
Standard Error	0.08
Median	1.0
Mode	0.5
Standard Deviation	3.21
Sample Variance	10.30
Kurtosis	139.272
Skewness	9.76
Range	62.5
Minimum	0.5
Maximum	63.0
Sum	2991.5
Count	1818
Confidence Level (95.0%)	0.15
Maximum	63.0
99th percentile	13.0
98th percentile	8.0
95th percentile	6.0
90th percentile	3.0
75th percentile	2.0
Median	1.0
25th percentile	0.5
5th percentile	0.5
Minimum	0.5









Molybdenum in clay

	MIN.	MAX.	%TILE	#SAMP
•	0.5	4.0	62.4	265
●	4.0	8.0	98.0	34
●	8.0	12.0	100	4

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	0.5	3.0	85.9	1561
●	3.0	7.0	96.5	194
●	7.0	10.0	98.3	33
●	10.0	20.0	99.6	22
●	20.0	63.0	100	8

by Inductively Coupled Plasma

Mo (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

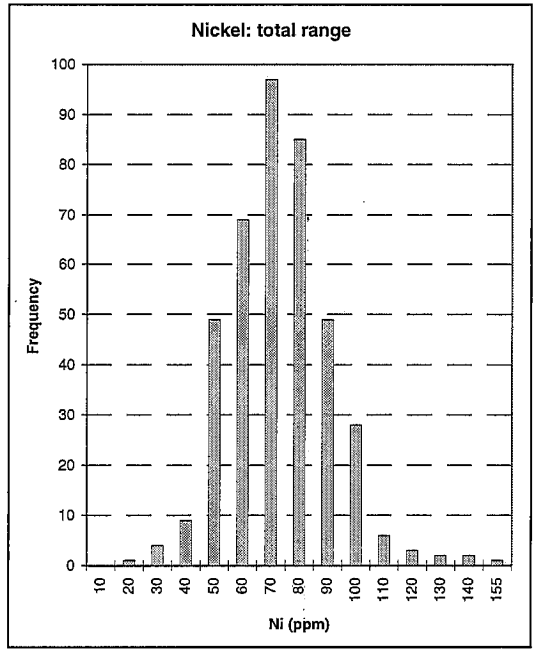
1 : 1 100 000

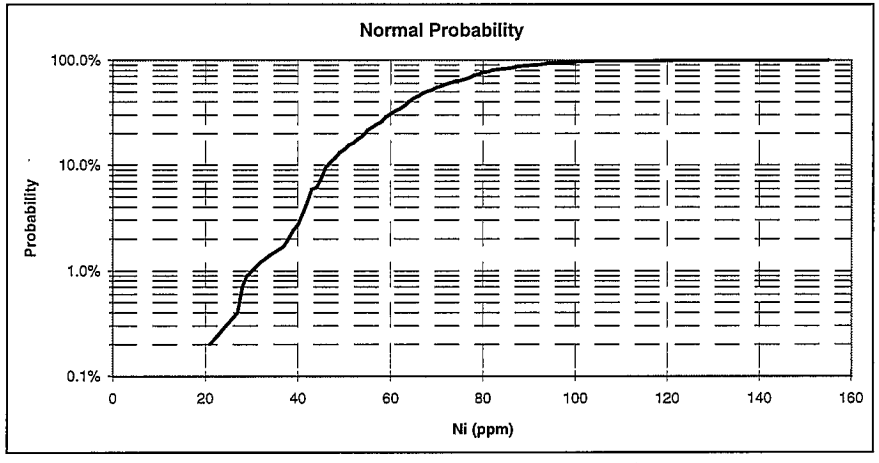
Till geochemistry (< 2 µm)

Ni (ppm)

by AAS

Descriptive Statistics	
Mean	68.54
Standard Error	0.90
Median	67
Mode	77
Standard Deviation	18.08
Sample Variance	326.88
Kurtosis	1.839
Skewness	0.59
Range	143
Minimum	12
Maximum	155
Sum	27760
Count	405
Confidence Level (95.0%)	1.76
Maximum	155
99th percentile	121
98th percentile	109
95th percentile	98
90th percentile	91
75th percentile	79
Median	67
25th percentile	57
5th percentile	42
Minimum	12



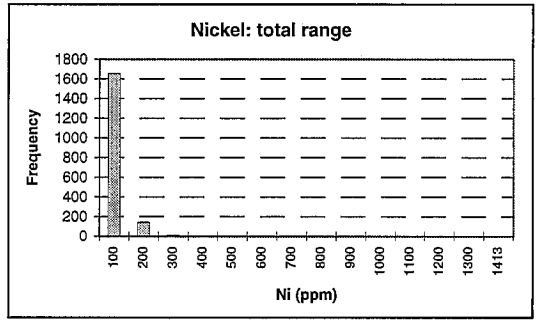


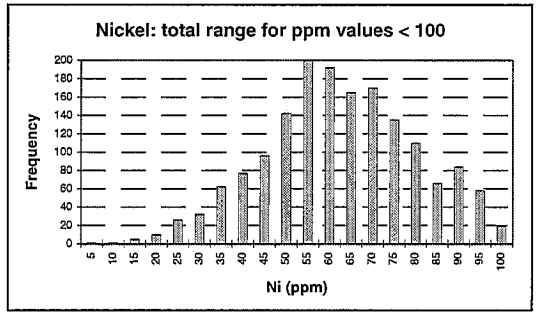
Till geochemistry (< 2 µm)

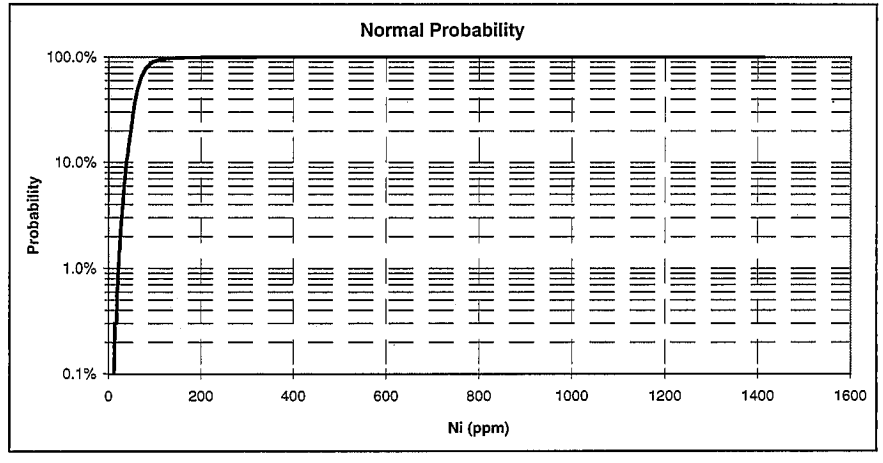
Ni (ppm)

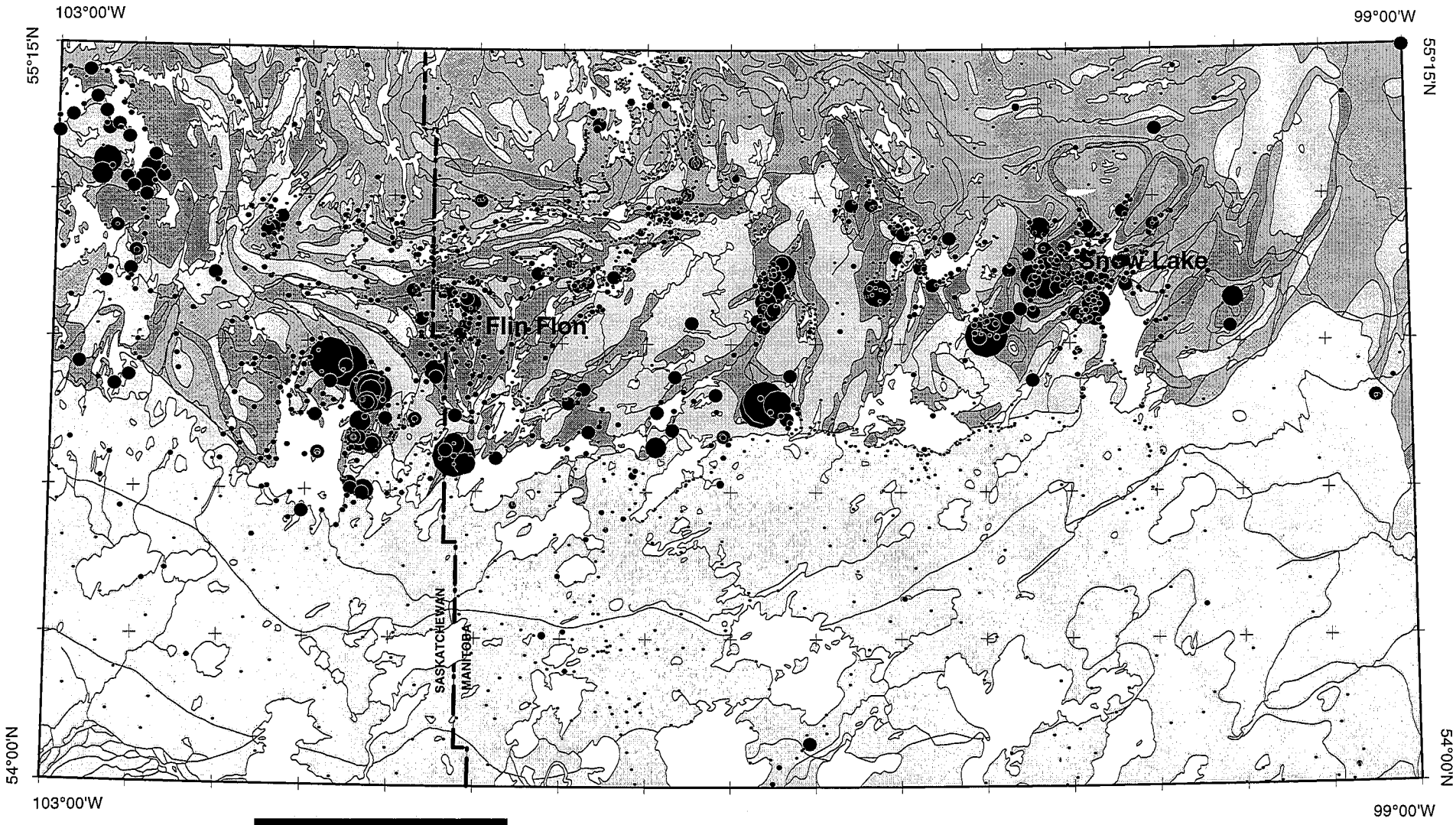
by ICP-AES

Descriptive Statistics	
Mean	68.73
Standard Error	1.12
Median	62
Mode	53
Standard Deviation	47.64
Sample Variance	2269.42
Kurtosis	368.10
Skewness	14.71
Range	1409
Minimum	4
Maximum	1413
Sum	124888
Count	1817
Confidence Level (95.0%)	2.19
Maximum	1413
99th percentile	200
98th percentile	152
95th percentile	117
90th percentile	97
75th percentile	78
Median	62
25th percentile	51
5th percentile	32
Minimum	4









Nickel in clay

	MIN.	MAX.	%TILE	#SAMP
•	12	95	93.3	378
●	95	120	98.7	22
●	120	155	100	5

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	4	70	63.3	1150
•	70	100	90.9	501
●	100	150	97.8	126
●	150	200	99.0	21
●	200	300	99.6	12
●	300	1413	100	7

by Inductively Coupled Plasma

Ni (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

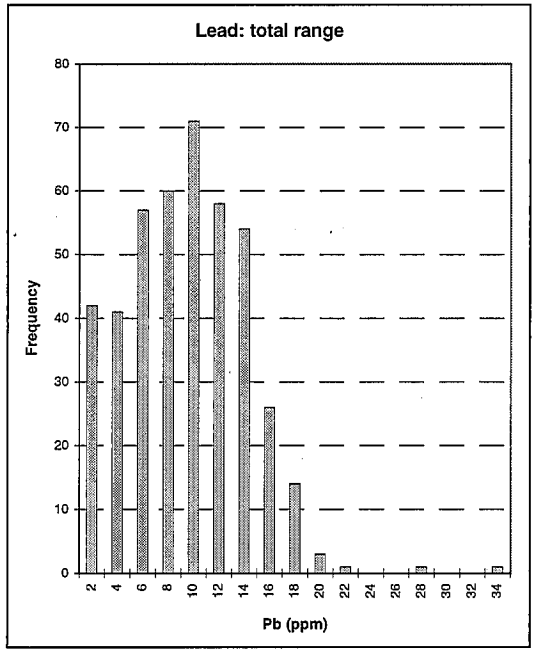
1 : 1 100 000

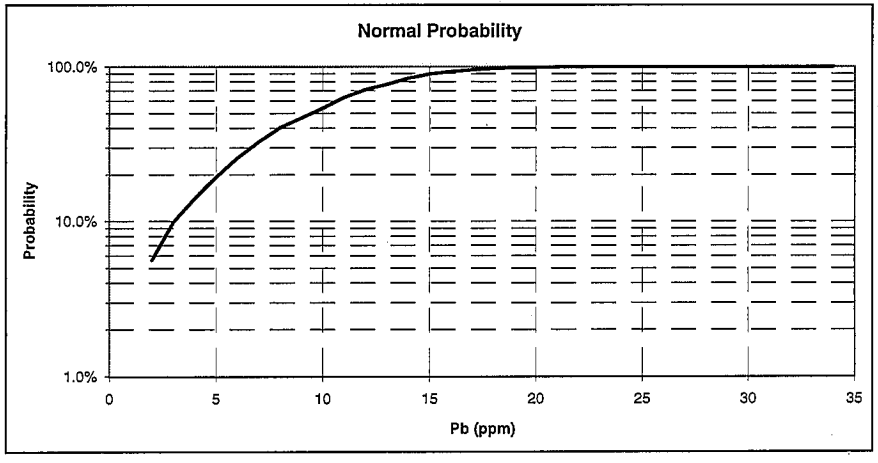
Till geochemistry (< 2 µm)

Pb (ppm)

by AAS

Descriptive Statistics	
Mean	8.90
Standard Error	0.23
Median	9
Mode	10
Standard Deviation	4.70
Sample Variance	22.11
Kurtosis	1.418
Skewness	0.53
Range	33
Minimum	1
Maximum	34
Sum	3818
Count	429
Confidence Level (95.0%)	0.44
Maximum	34
99th percentile	20
98th percentile	18
95th percentile	16
90th percentile	15
75th percentile	12
Median	9
25th percentile	5
5th percentile	1
Minimum	1



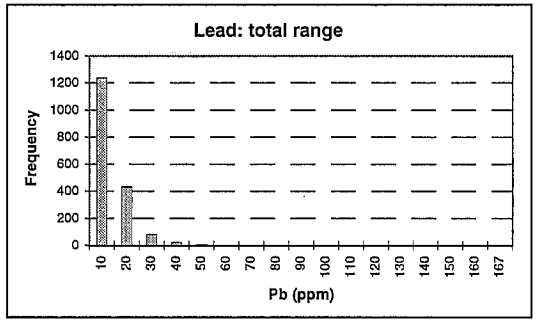


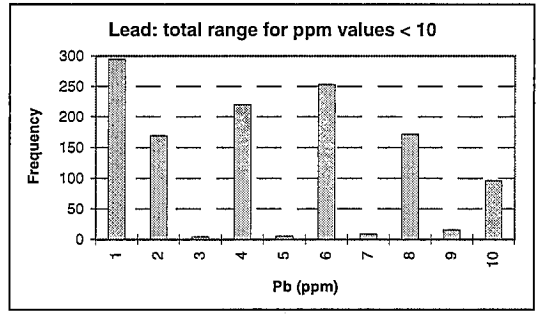
Till geochemistry (< 2 µm)

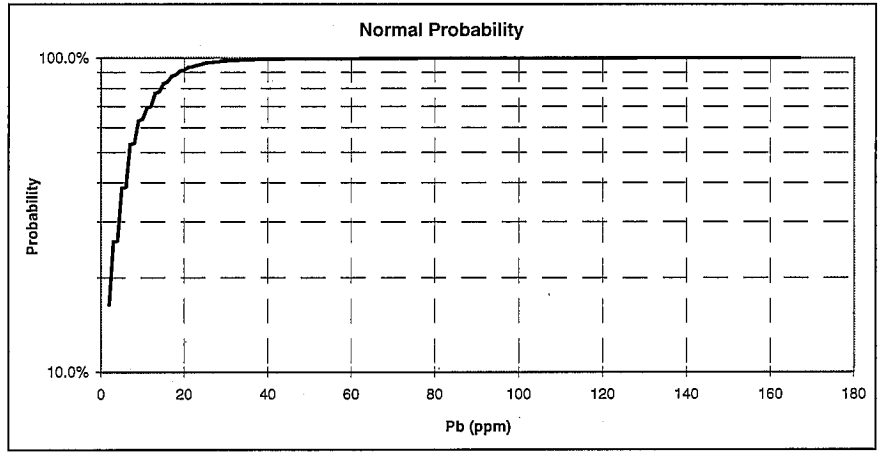
Pb (ppm)

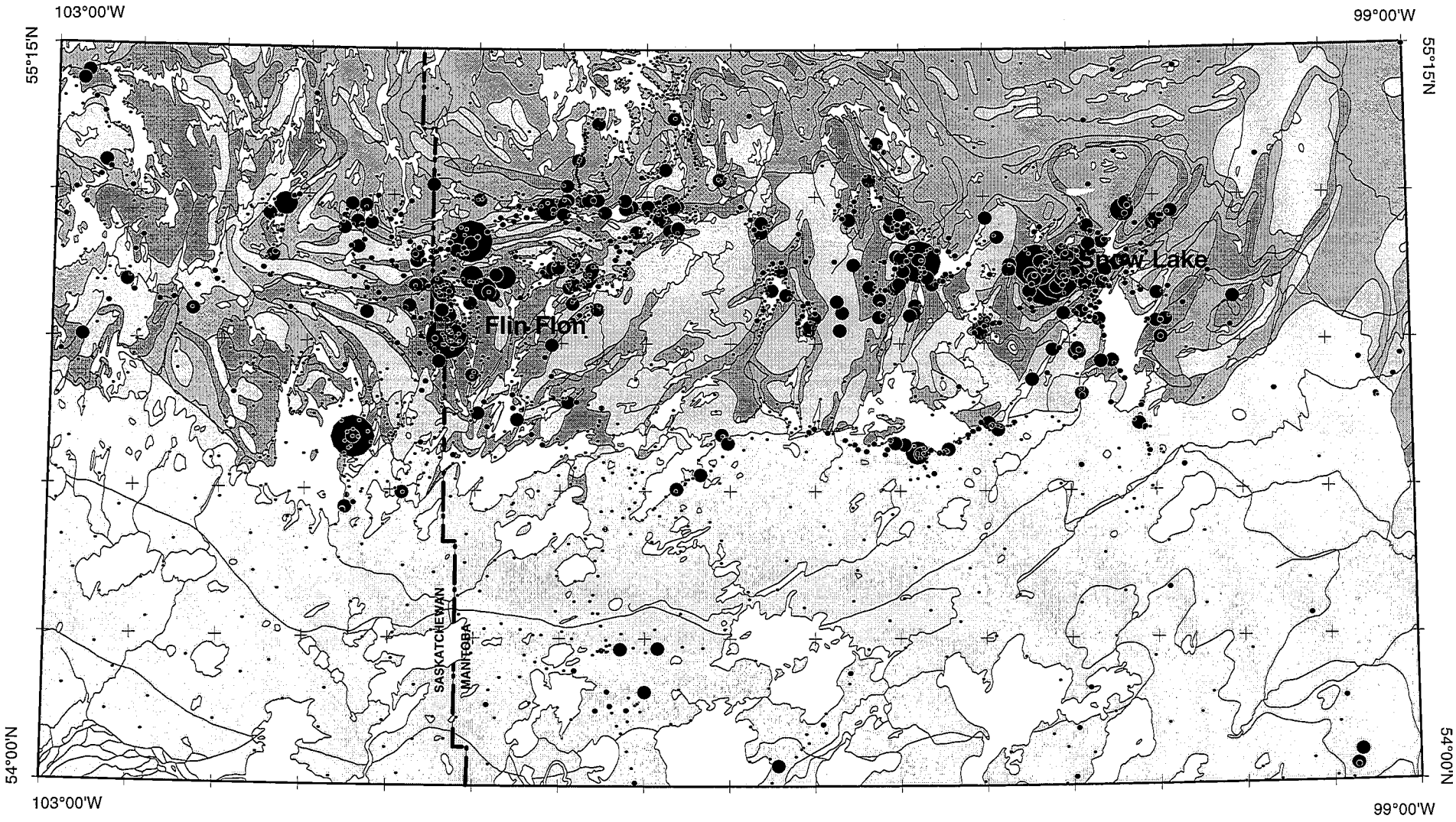
by ICP-AES

Descriptive Statistics	
Mean	8.86
Standard Error	0.23
Median	6
Mode	1
Standard Deviation	9.93
Sample Variance	98.63
Kurtosis	66.210
Skewness	5.89
Range	166
Minimum	1
Maximum	167
Sum	15842
Count	1789
Confidence Level (95.0%)	0.46
Maximum	167
99th percentile	38
98th percentile	31
95th percentile	23
90th percentile	18
75th percentile	12
Median	6
25th percentile	2
5th percentile	1
Minimum	1









Lead in clay

	MIN.	MAX.	%TILE	#SAMP
•	1	18	97.7	419
●	18	20	98.8	5
●	20	34	100	5

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
•	1	12	70.2	1255
•	12	18	88.5	329
●	18	37	99.0	187
●	37	70	99.6	11
●	70	167	100	7

by Inductively Coupled Plasma

Pb (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

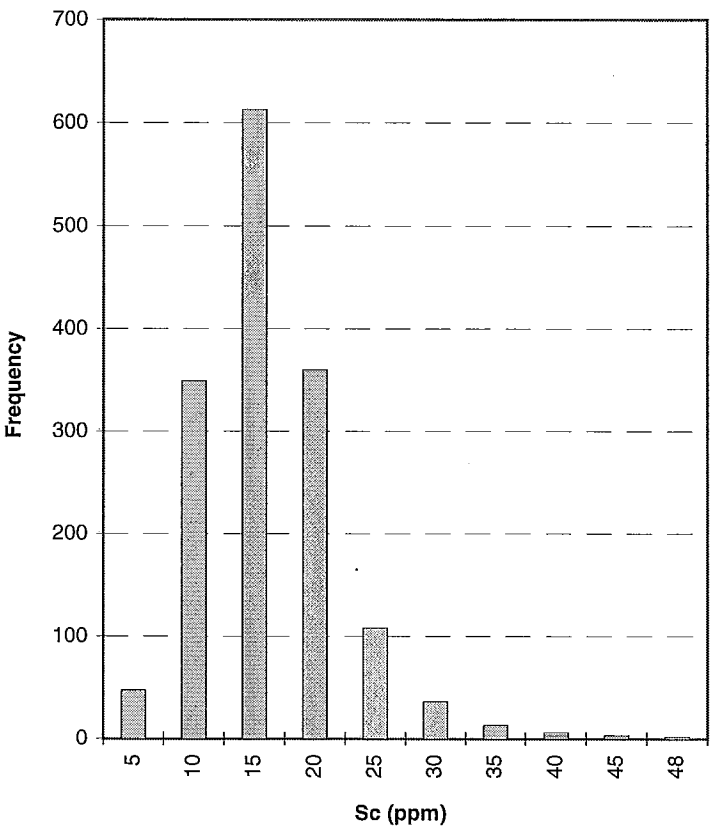
Till geochemistry (< 2 µm)

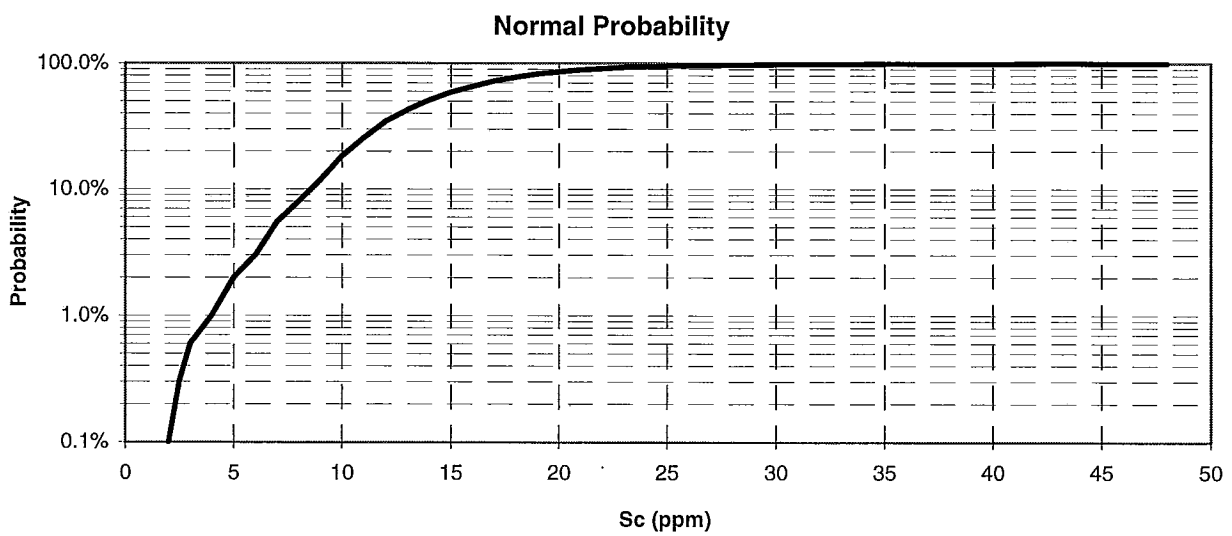
Sc (ppm)

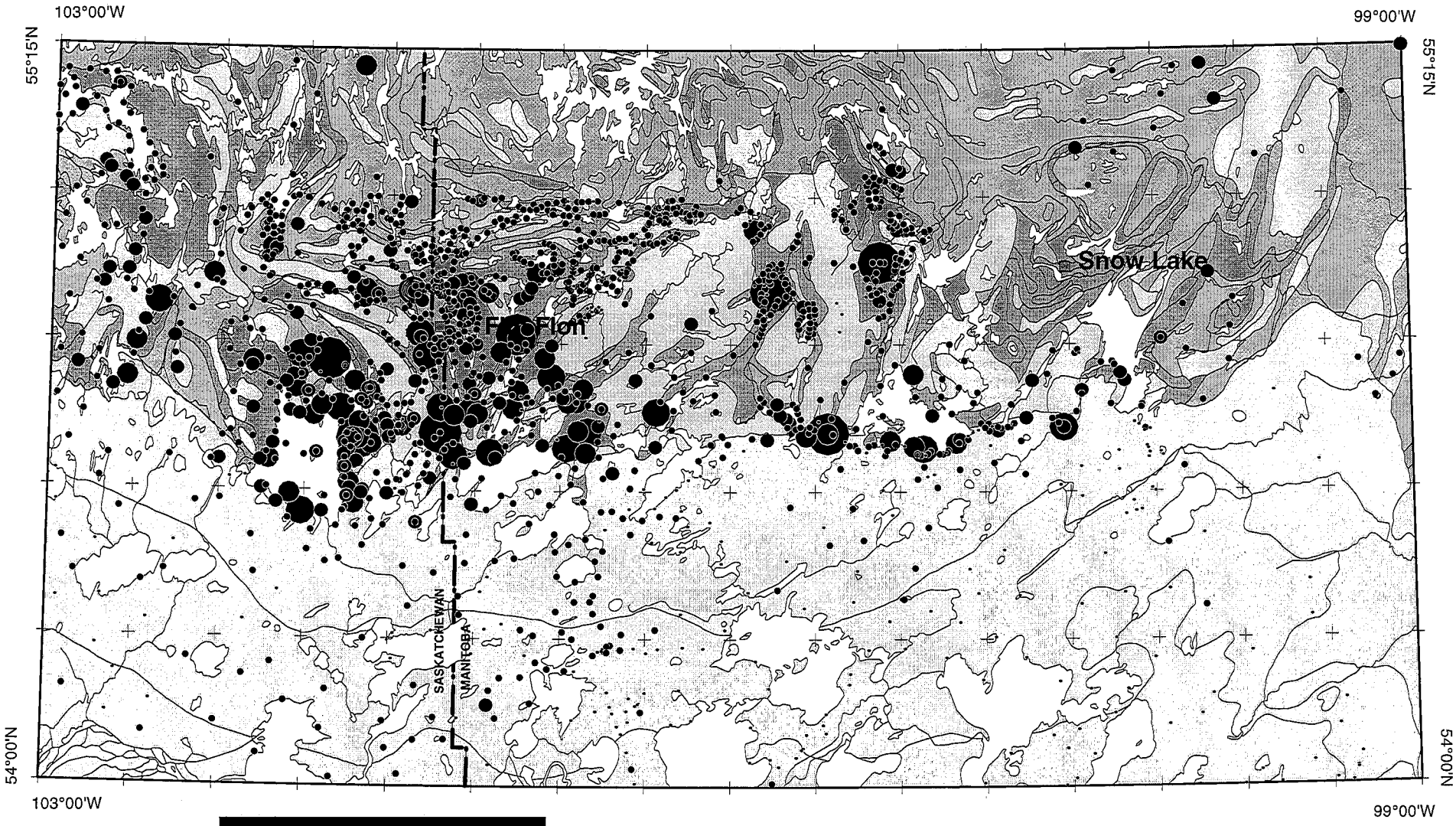
by ICP-AES

Descriptive Statistics

Mean	14.13
Standard Error	0.15
Median	13.0
Mode	11.0
Standard Deviation	5.71
Sample Variance	32.66
Kurtosis	3.584
Skewness	1.23
Range	47.0
Minimum	1.0
Maximum	48.0
Sum	21711.5
Count	1537
Confidence Level (95.0%)	0.29
Maximum	48.0
99th percentile	34.0
98th percentile	30.0
95th percentile	24.0
90th percentile	21.0
75th percentile	17.0
Median	13.0
25th percentile	10.0
5th percentile	6.0
Minimum	1.0







Scandium in clay

	MIN.	MAX.	%TILE	#SAMP
·	1	10	18.3	282
•	10	20	86.1	1041
●	20	25	95.3	142
●	25	30	98.3	46
●	30	40	99.5	19
●	40	48	100	7

by Inductively Coupled Plasma

Sc (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

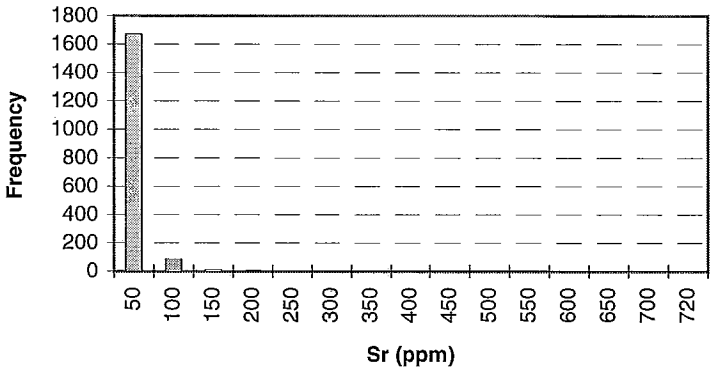
1 : 1 100 000

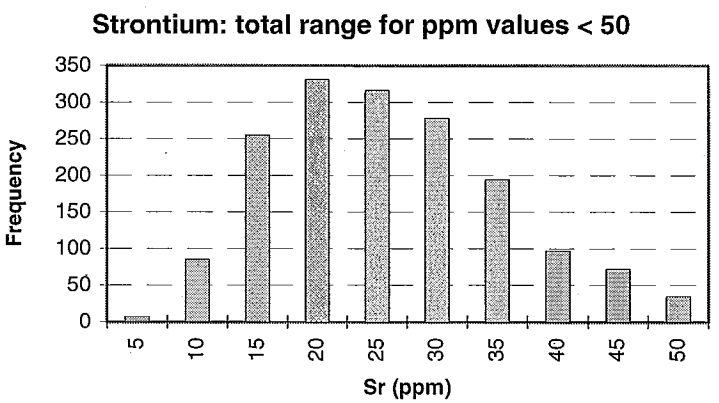
Till geochemistry (< 2 µm)

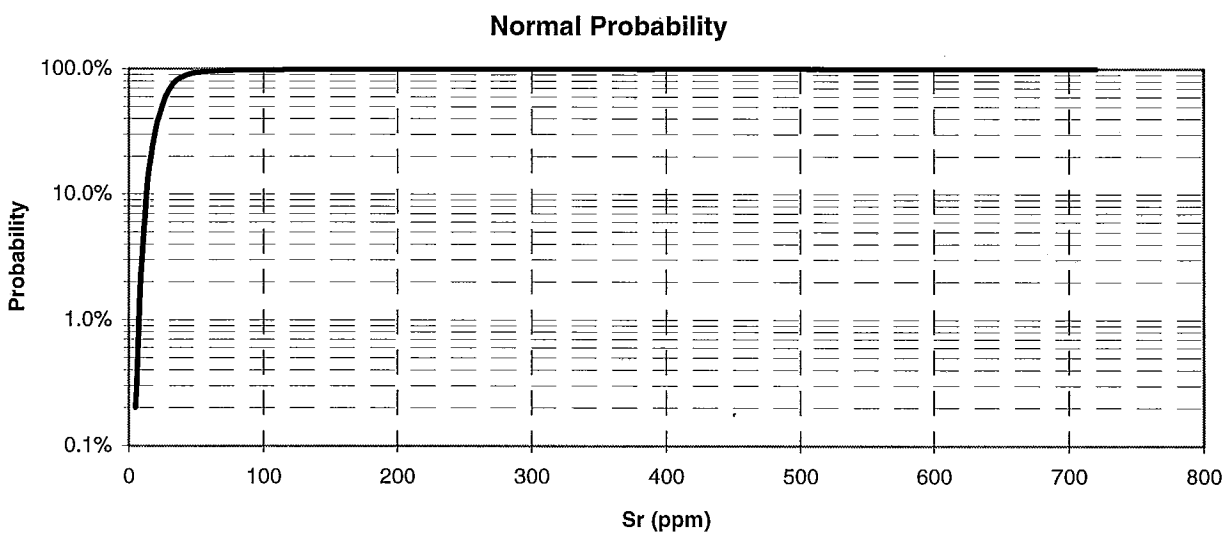
Sr (ppm)

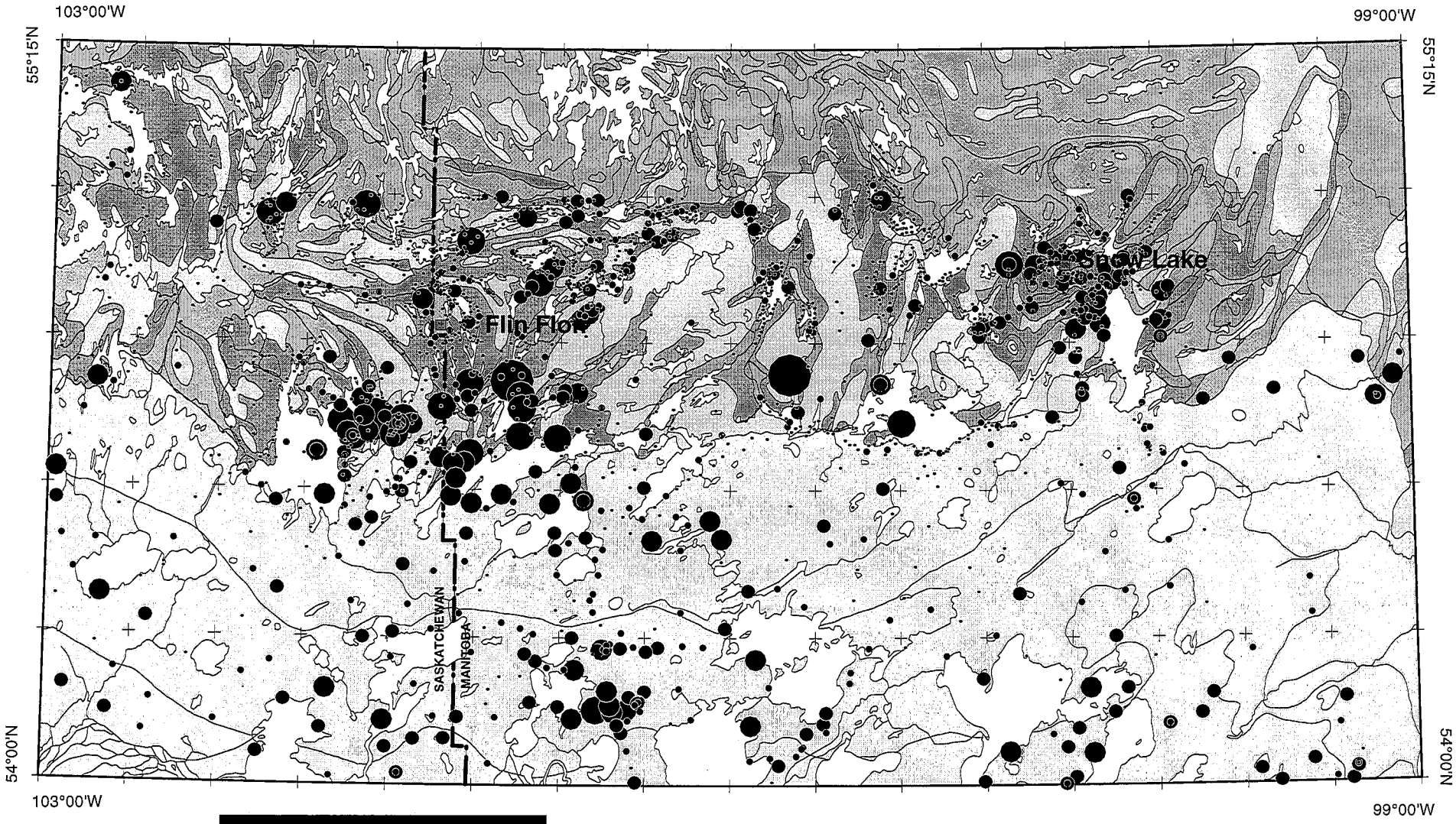
by ICP-AES

Descriptive Statistics	
Mean	29.61
Standard Error	0.83
Median	24
Mode	26
Standard Deviation	35.26
Sample Variance	1243.48
Kurtosis	129.171
Skewness	9.60
Range	716
Minimum	4
Maximum	720
Sum	52996
Count	1790
Confidence Level (95.0%)	1.63
Maximum	720
99th percentile	166
98th percentile	98
95th percentile	58
90th percentile	44
75th percentile	32
Median	24
25th percentile	17
5th percentile	10
Minimum	4









Strontium in clay

	MIN.	MAX.	%TILE	#SAMP
·	4	30	68.8	1232
•	30	40	86.4	315
●	40	60	95.4	161
●	60	120	98.7	59
●	120	400	99.8	20
●	400	720	100	3

by Inductively Coupled Plasma

Sr (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

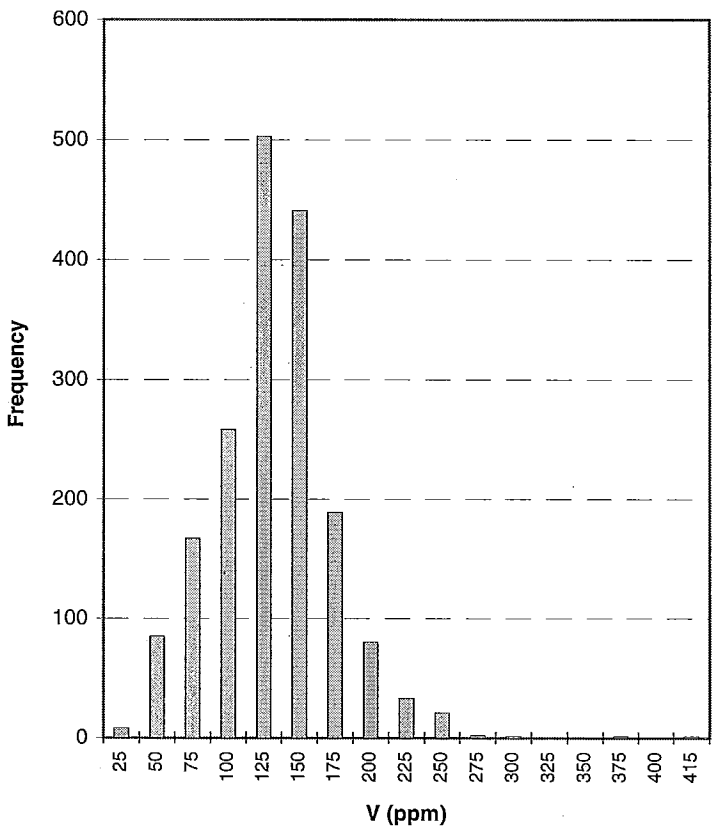
Till geochemistry (< 2 µm)

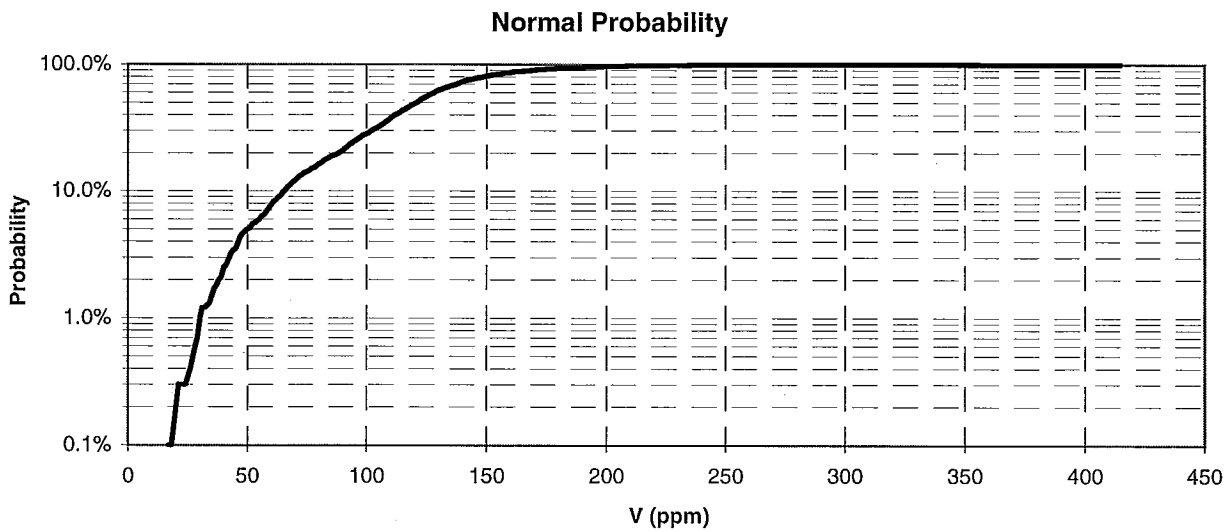
V (ppm)

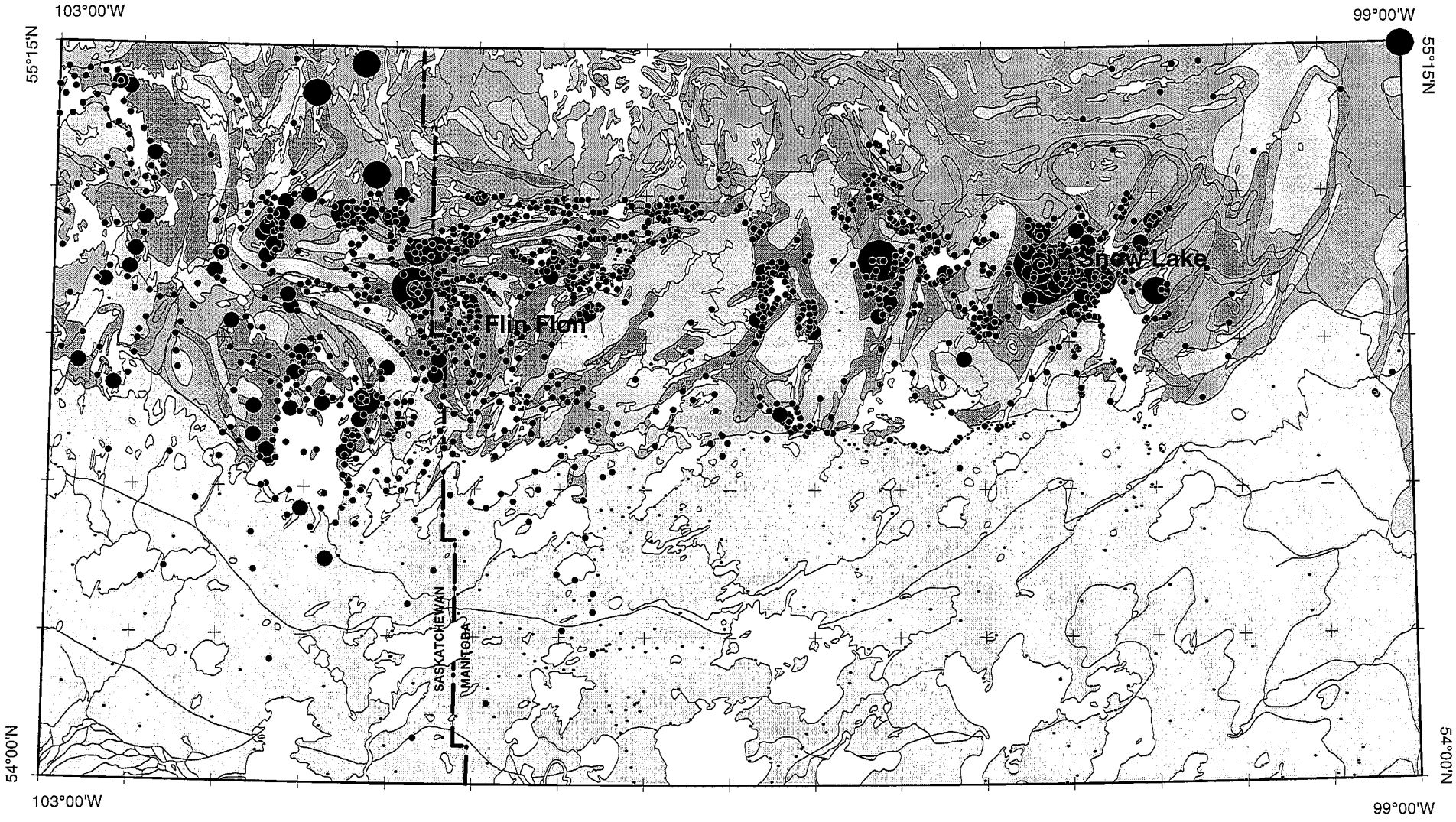
by ICP-AES

Descriptive Statistics

Mean	119.41
Standard Error	0.98
Median	121
Mode	122
Standard Deviation	41.31
Sample Variance	1706.62
Kurtosis	2.247
Skewness	0.47
Range	410
Minimum	5
Maximum	415
Sum	213743
Count	1790
Confidence Level (95.0%)	1.91
Maximum	415
99th percentile	232
98th percentile	214
95th percentile	190
90th percentile	168
75th percentile	142
Median	124
25th percentile	95
5th percentile	50
Minimum	5







Vanadium in clay

	MIN.	MAX.	%TILE	#SAMP
·	5	100	28.3	506
•	100	180	93.3	1164
●	180	230	98.8	98
●	230	250	99.7	16
●	250	415	100	6

by Inductively Coupled Plasma

V (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

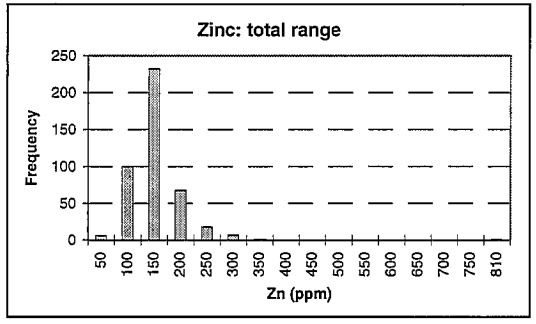
1 : 1 100 000

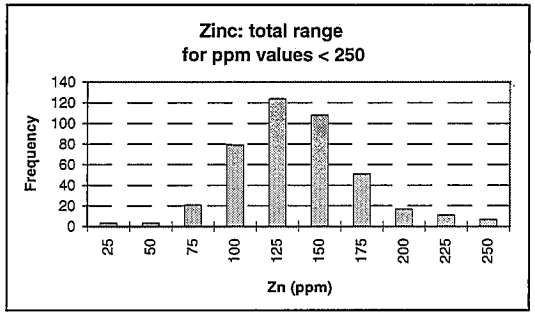
Till geochemistry (< 2 µm)

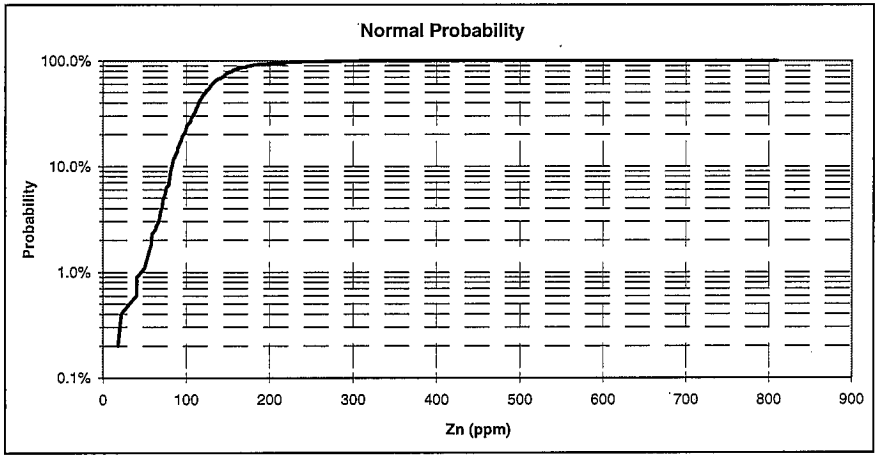
Zn (ppm)

by AAS

Descriptive Statistics	
Mean	129.29
Standard Error	2.56
Median	122
Mode	114
Standard Deviation	53.20
Sample Variance	2830.17
Kurtosis	62.013
Skewness	5.34
Range	795
Minimum	15
Maximum	810
Sum	55981
Count	433
Confidence Level (95.0%)	5.01
Maximum	810
99th percentile	285
98th percentile	238
95th percentile	212
90th percentile	175
75th percentile	147
Median	122
25th percentile	101
5th percentile	72
Minimum	15





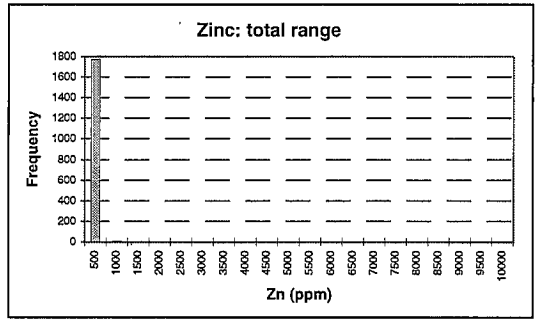


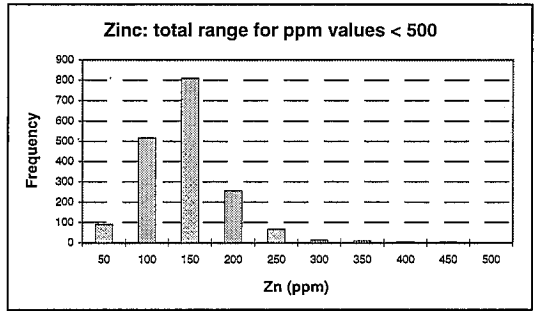
Till geochemistry (< 2 µm)

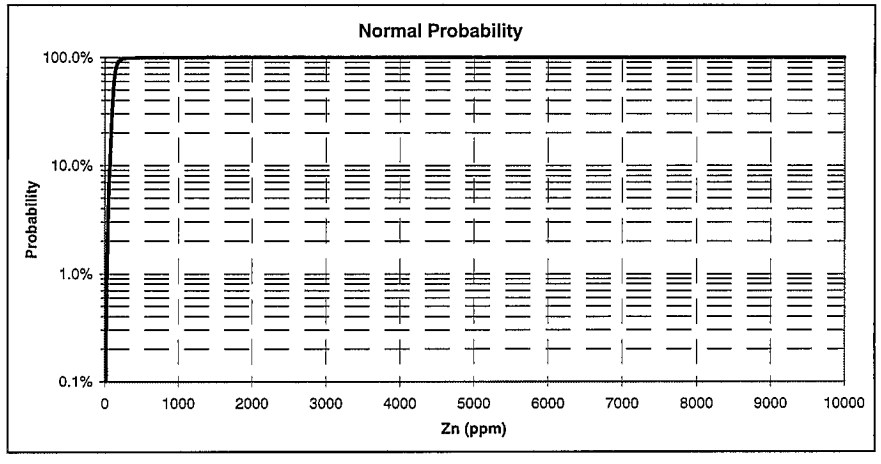
Zn (ppm)

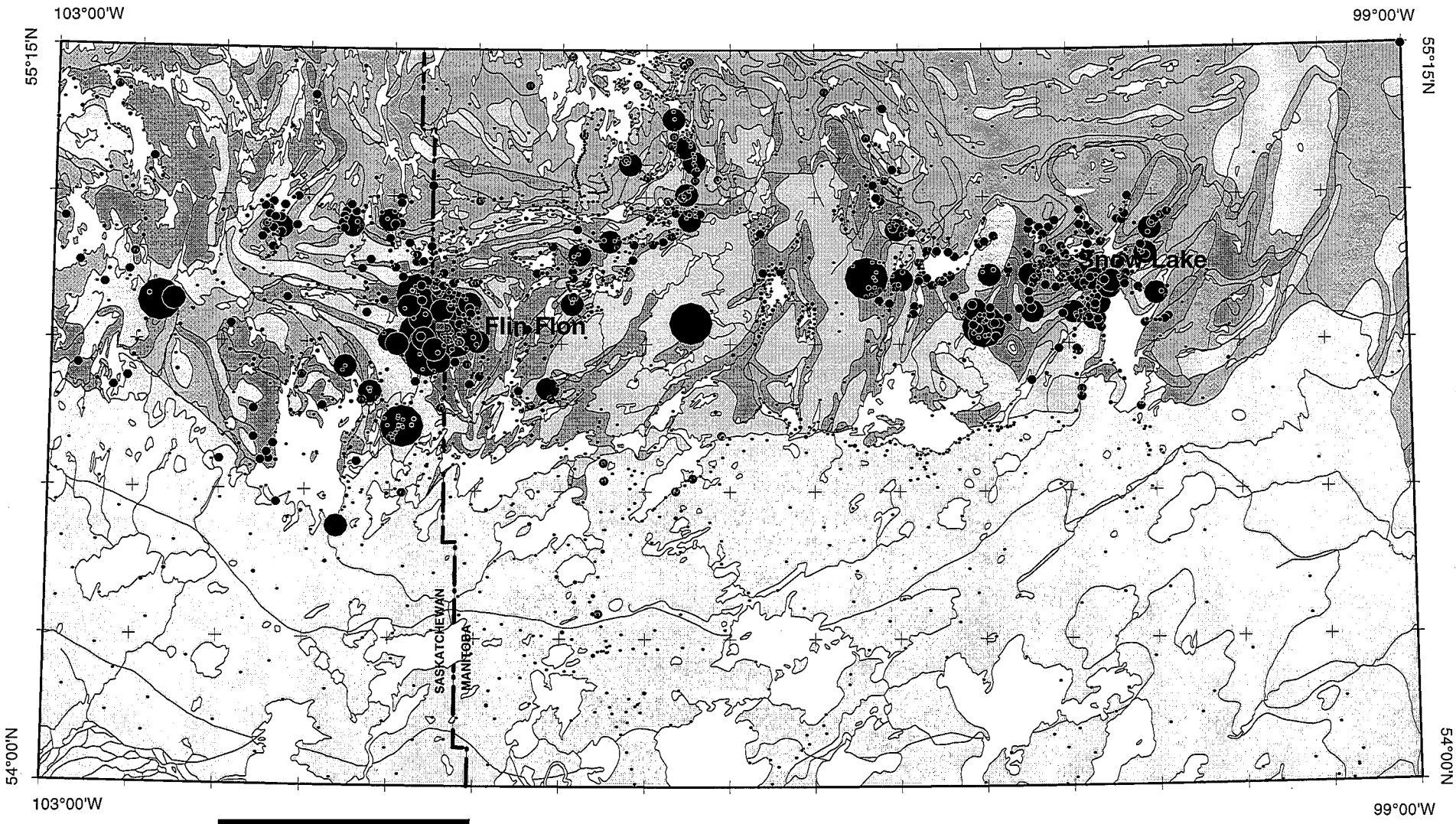
by ICP-AES

Descriptive Statistics	
Mean	138.26
Standard Error	7.23
Median	116
Mode	100
Standard Deviation	305.72
Sample Variance	93462.99
Kurtosis	730.850
Skewness	25.20
Range	9994
Minimum	6
Maximum	10000
Sum	247480
Count	1790
Confidence Level (95.0%)	14.16
Maximum	10000
99th percentile	426
98th percentile	306
95th percentile	216
90th percentile	179
75th percentile	144
Median	116
25th percentile	92
5th percentile	52
Minimum	6









Zinc in clay

	MIN.	MAX.	%TILE	#SAMP
·	15	180	90.1	394
●	180	260	98.2	31
●	260	810	100	8

by Atomic Absorption Spectrometry

	MIN.	MAX.	%TILE	#SAMP
·	6	125	60.4	1082
·	125	160	83.3	409
●	160	240	96.7	240
●	240	900	99.2	45
●	900	10000	100	14

by Inductively Coupled Plasma

Zn (ppm)

TILL GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

APPENDIX XV. Humus Geochemical Plots and Statistics

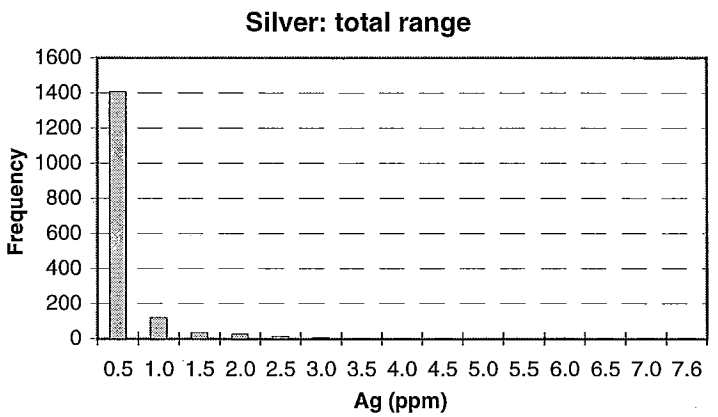
Humus geochemistry (<0.425 mm)

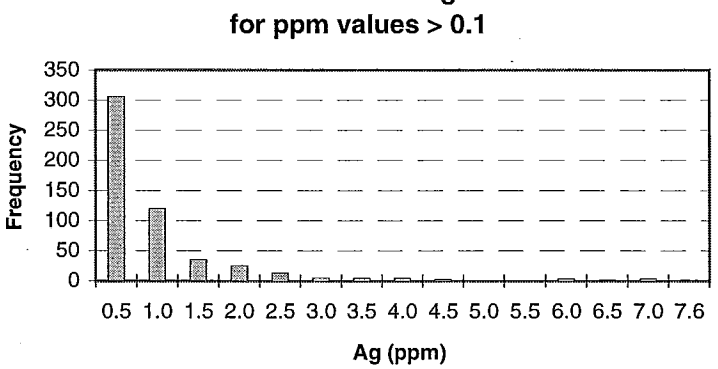
Ag (ppm)

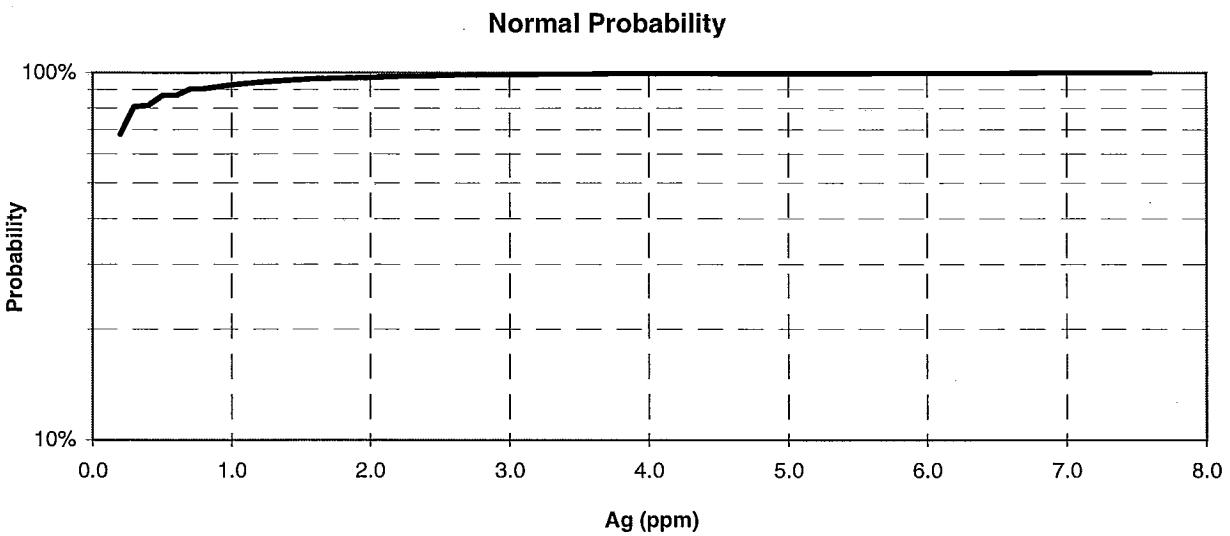
by ICP-AES

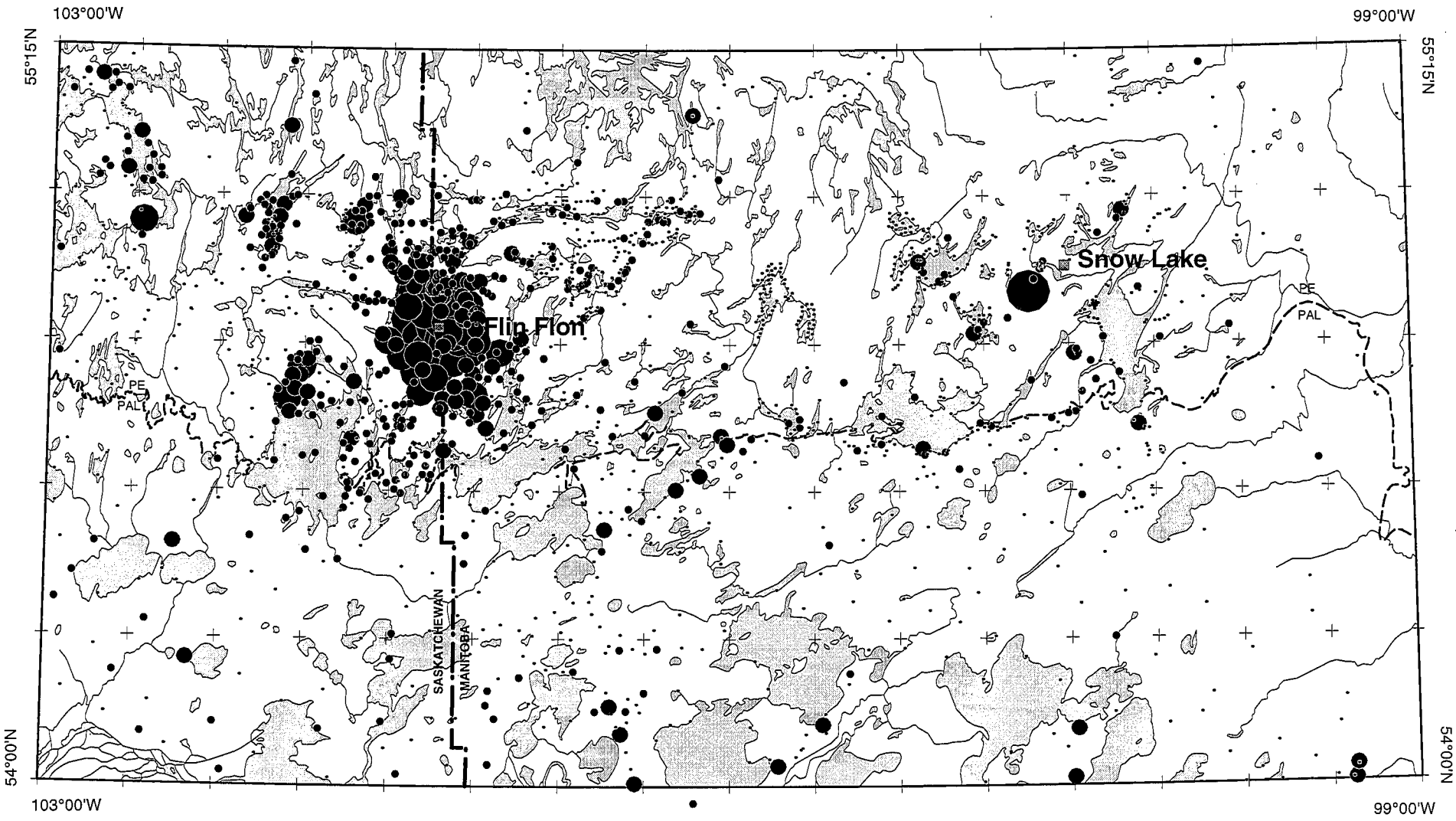
Descriptive Statistics

Mean	0.3
Standard Error	0.02
Median	0.1
Mode	0.1
Standard Deviation	0.64
Sample Variance	0.41
Kurtosis	46.683
Skewness	5.98
Range	7.5
Minimum	0.1
Maximum	7.6
Sum	501.2
Count	1624
Confidence Level (95.0%)	0.03
Maximum	7.6
99th percentile	3.4
98th percentile	2.4
95th percentile	1.2
90th percentile	0.6
75th percentile	0.2
Median	0.1
25th percentile	0.1
5th percentile	0.1
Minimum	0.1









Silver in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.1	0.2	67.8	1102
•	0.2	0.7	90.2	364
●	0.7	1.5	96.2	99
●	1.5	2.8	98.8	41
●	2.8	7.6	100	20

by Inductively Coupled Plasma

Ag (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

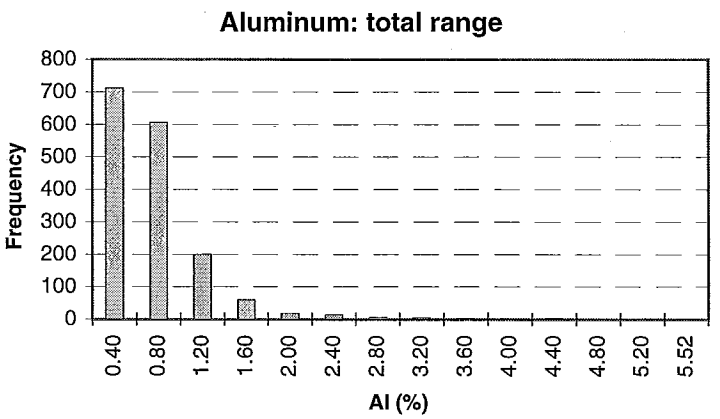
1 : 1 100 000

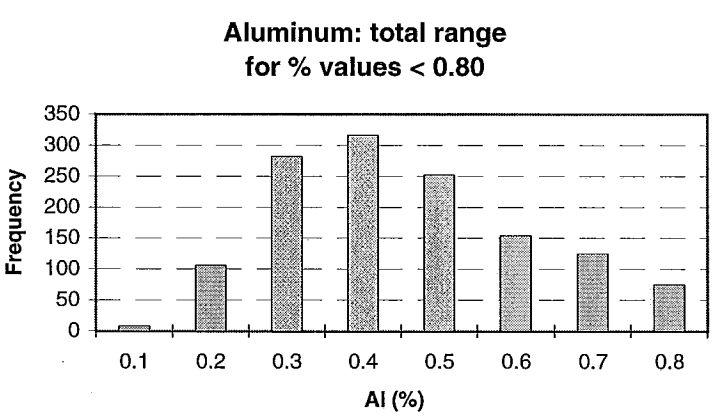
Humus geochemistry (<0.425 mm)

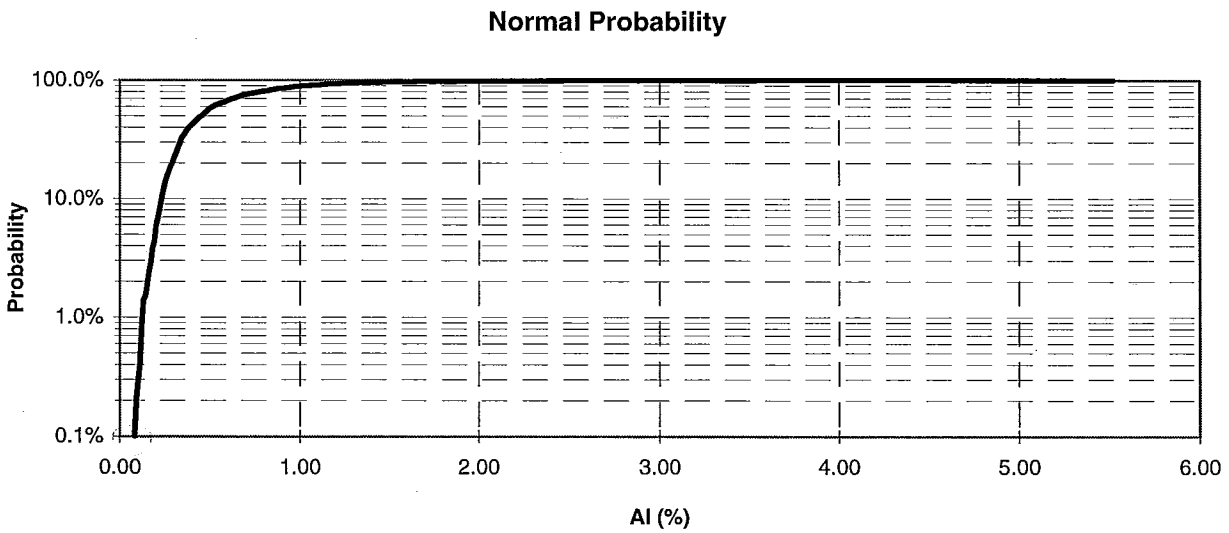
Al (%)

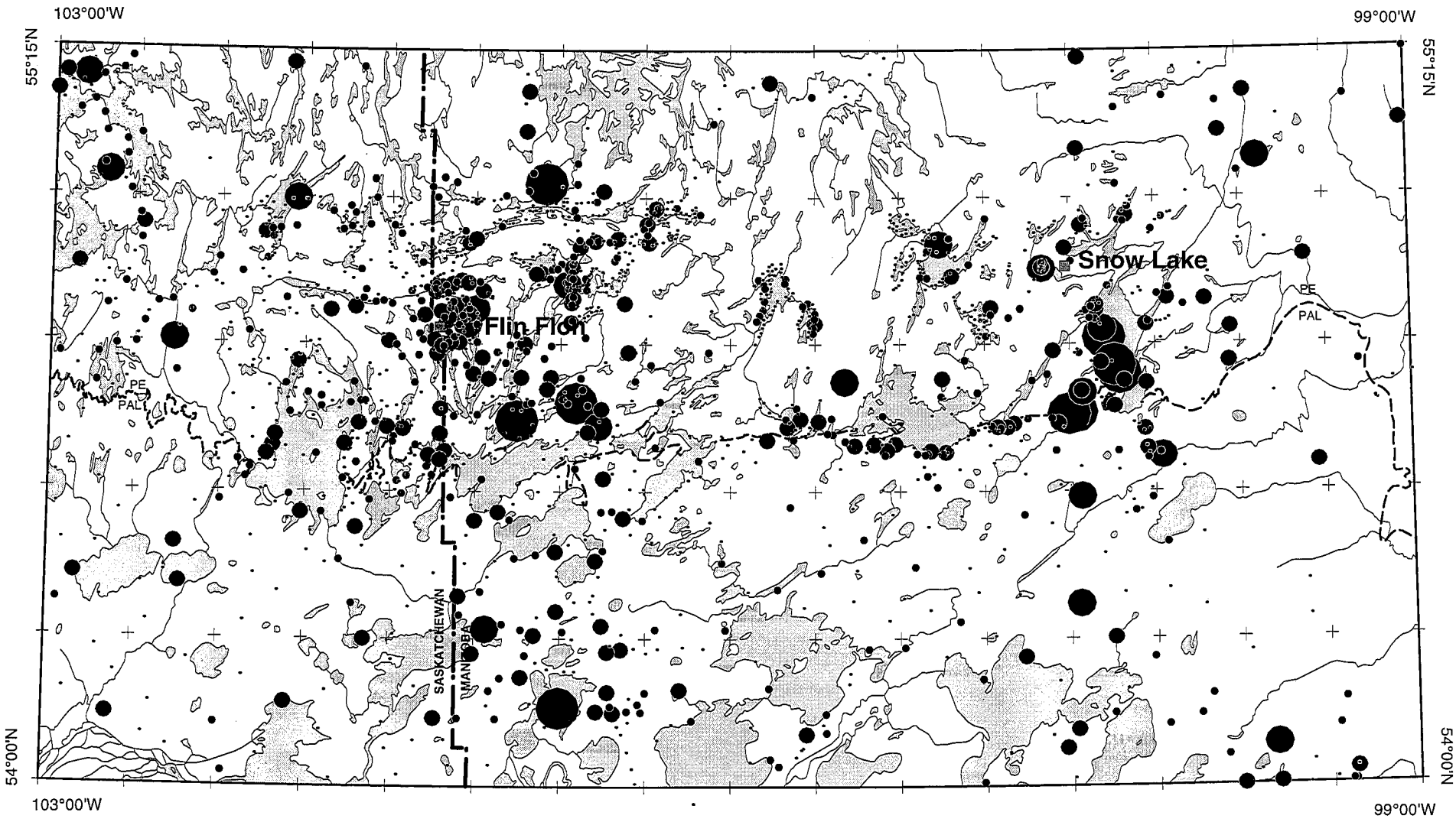
by ICP-AES

Descriptive Statistics	
Mean	0.57
Standard Error	0.01
Median	0.45
Mode	0.33
Standard Deviation	0.45
Sample Variance	0.20
Kurtosis	21.241
Skewness	3.51
Range	5.50
Minimum	0.02
Maximum	5.52
Sum	924.14
Count	1624
Confidence Level (95.0%)	0.02
Maximum	5.52
99th percentile	2.38
98th percentile	1.90
95th percentile	1.33
90th percentile	1.04
75th percentile	0.68
Median	0.45
25th percentile	0.31
5th percentile	0.19
Minimum	0.02









Aluminum in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.02	0.60	68.1	1106
0.60	1.00	89.0	340
1.00	2.00	98.3	150
2.00	3.00	99.4	19
3.00	5.52	100	9

by Inductively Coupled Plasma

Al (%)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

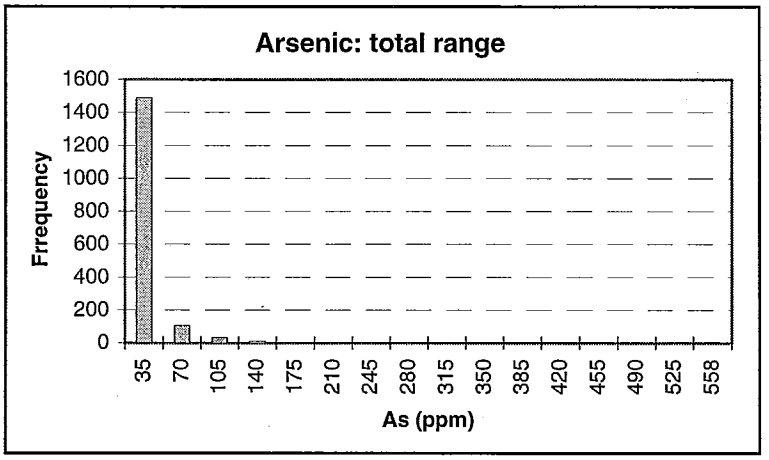
Humus geochemistry (<0.425 mm)

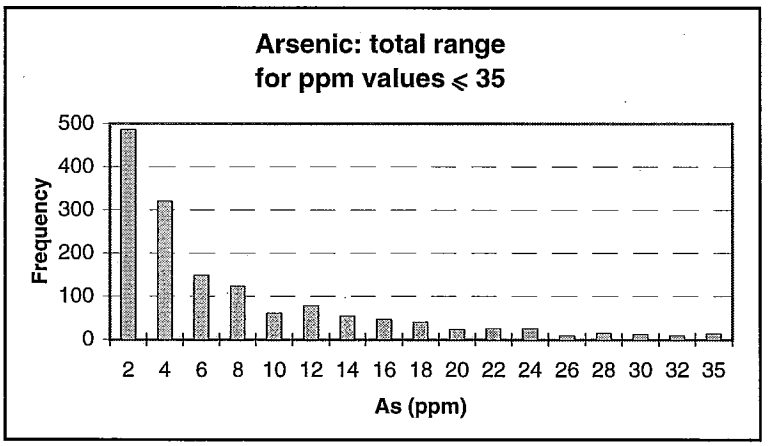
As (ppm)

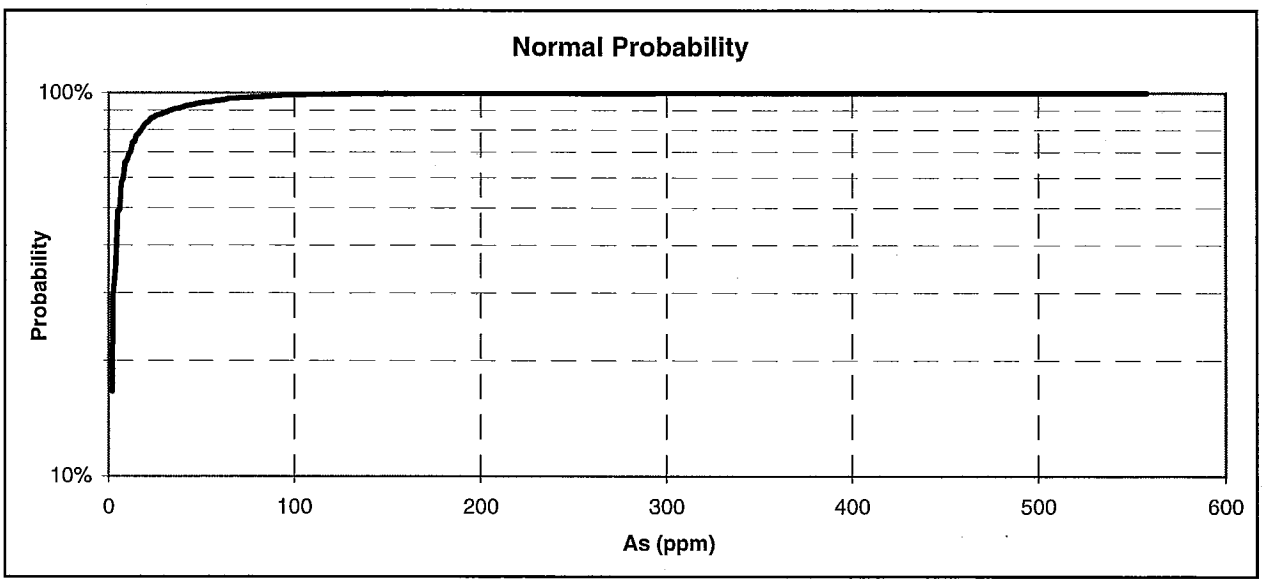
by ICP-AES

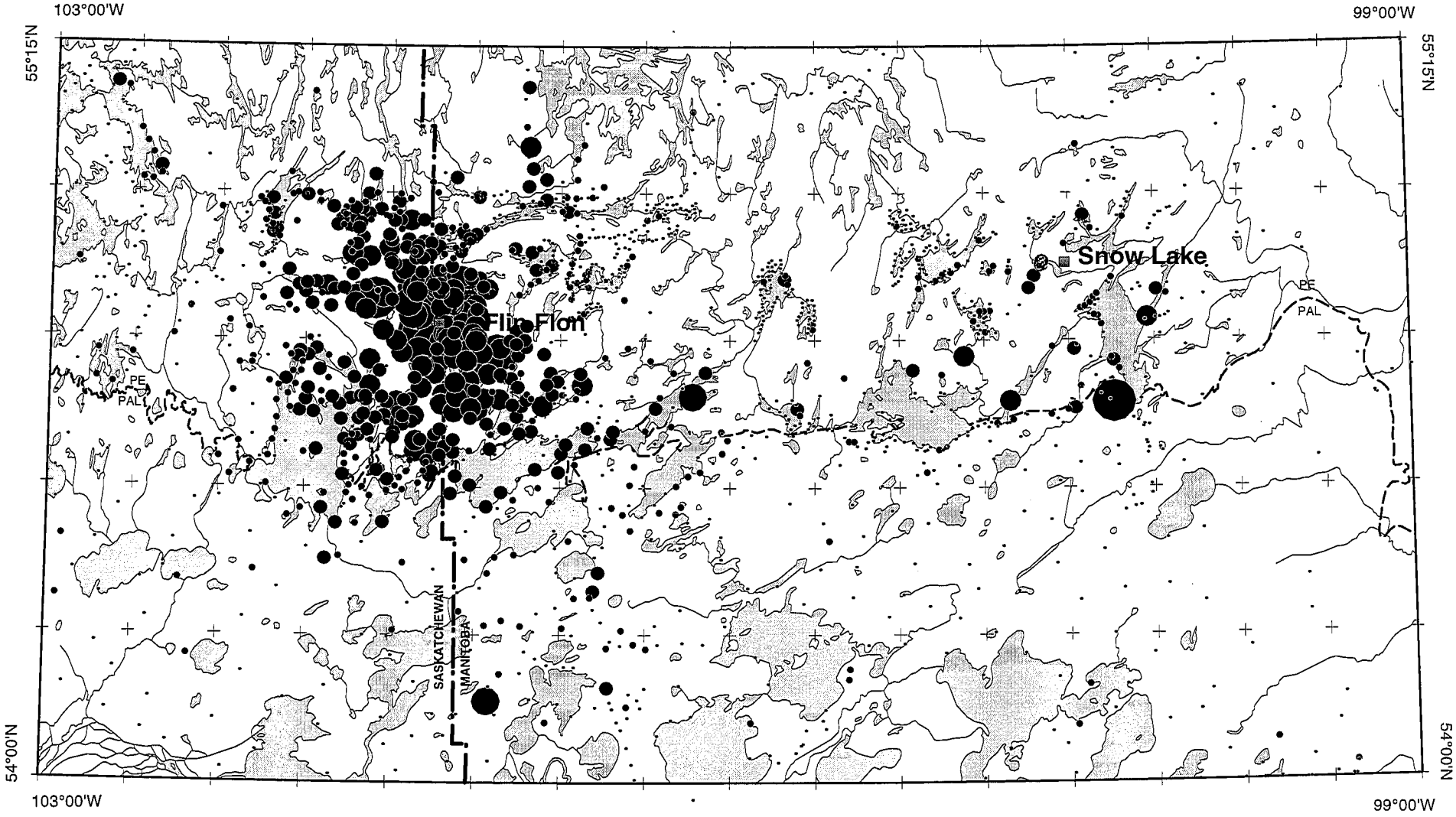
Descriptive Statistics

Mean	13.5
Standard Error	0.72
Median	6
Mode	1
Standard Deviation	29.20
Sample Variance	852.82
Kurtosis	132.126
Skewness	9.30
Range	557
Minimum	1
Maximum	558
Sum	22071
Count	1639
Confidence Level (95.0%)	1.41
Maximum	558
99th percentile	106
98th percentile	84
95th percentile	56
90th percentile	33
75th percentile	14
Median	6
25th percentile	2
5th percentile	1
Minimum	1









Arsenic in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	1	8	59.5	97
•	8	15	77.6	296
●	15	35	90.7	216
●	35	7	96.9	102
●	70	120	99.3	38
●	120	558	100	12

by Inductively Coupled Plasma

As (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

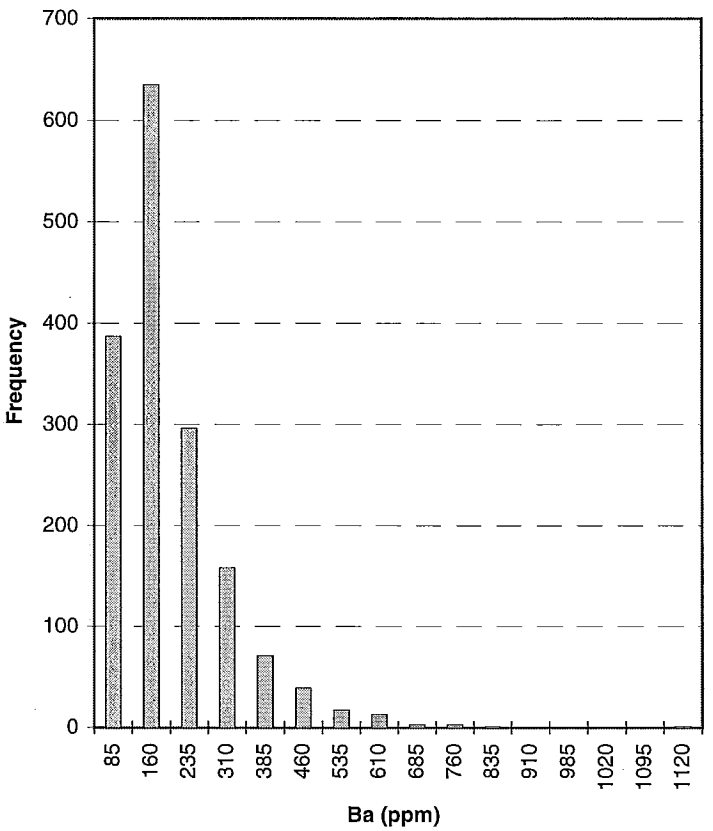
1 : 1 100 000

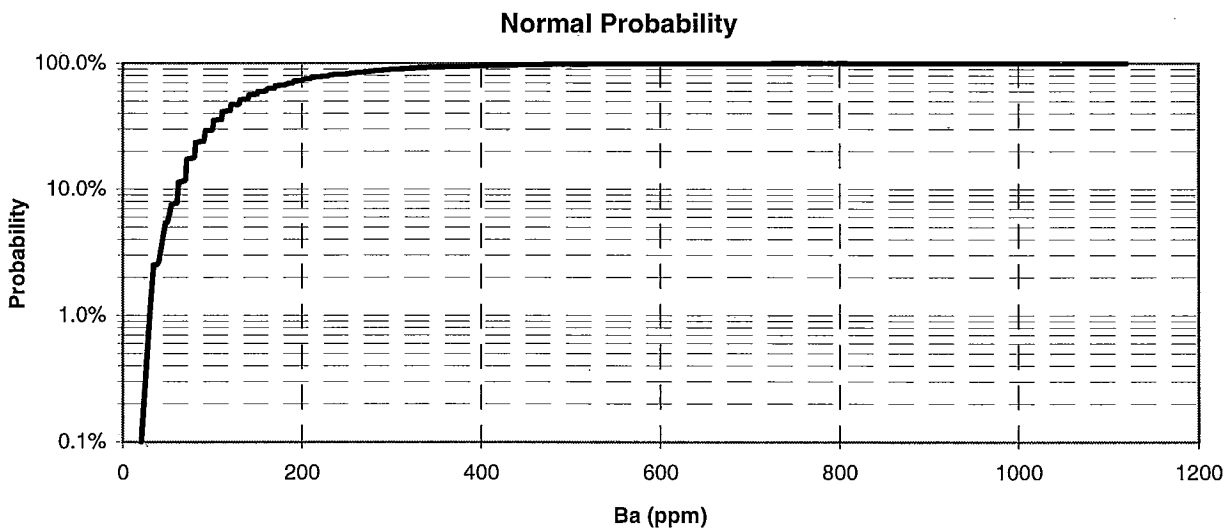
Humus geochemistry (<0.425 mm)

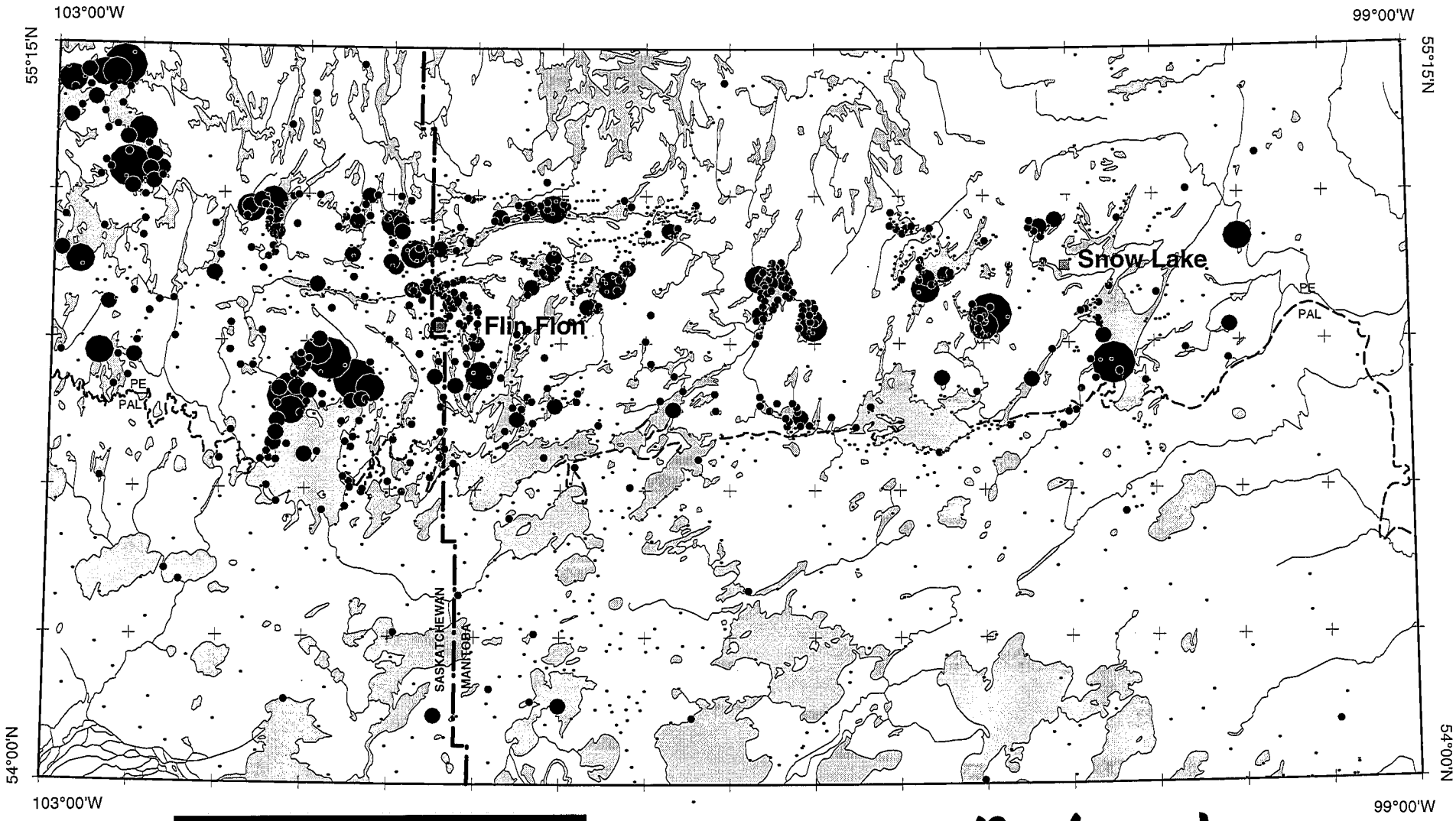
Ba (ppm)

by ICP-AES

Descriptive Statistics	
Mean	162.7
Standard Error	2.77
Median	130
Mode	100
Standard Deviation	111.47
Sample Variance	12425.49
Kurtosis	6.655
Skewness	1.97
Range	1110
Minimum	10
Maximum	1120
Sum	264238
Count	1624
Confidence Level (95.0%)	5.42
Maximum	1120
99th percentile	560
98th percentile	478
95th percentile	380
90th percentile	310
75th percentile	207
Median	130
25th percentile	90
5th percentile	40
Minimum	10







Barium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	10	200	72.4	1177
•	200	350	93.2	338
●	350	500	98.3	83
●	500	625	99.6	21
●	625	1120	100	7

by Inductively Coupled Plasma

Ba (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

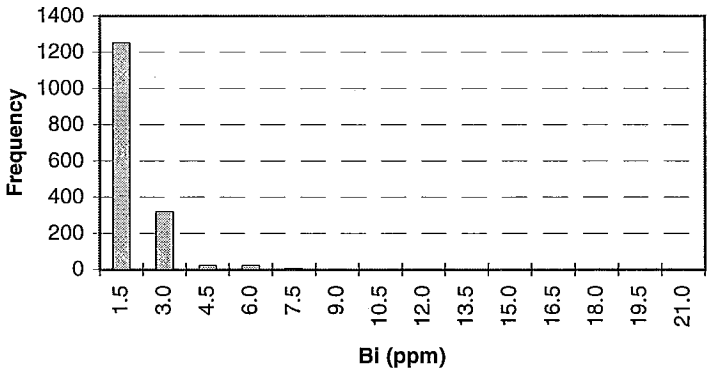
1 : 1 100 000

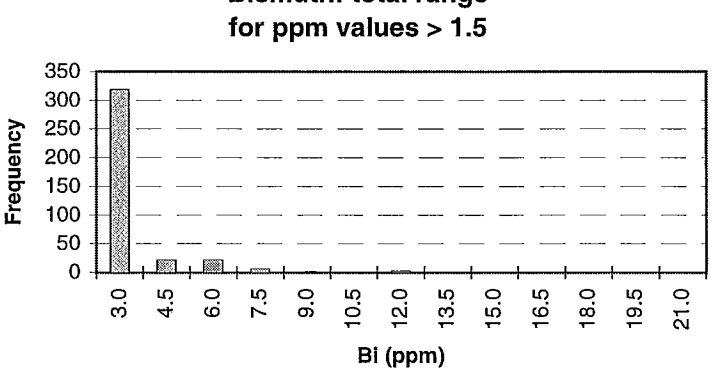
Humus geochemistry (<0.425 mm)

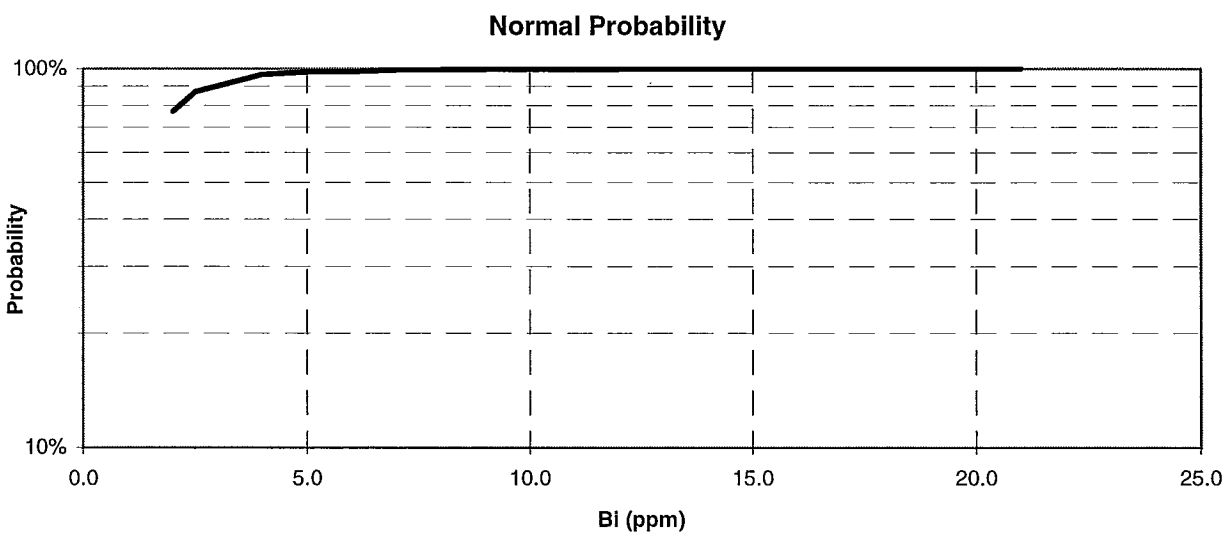
Bi (ppm)

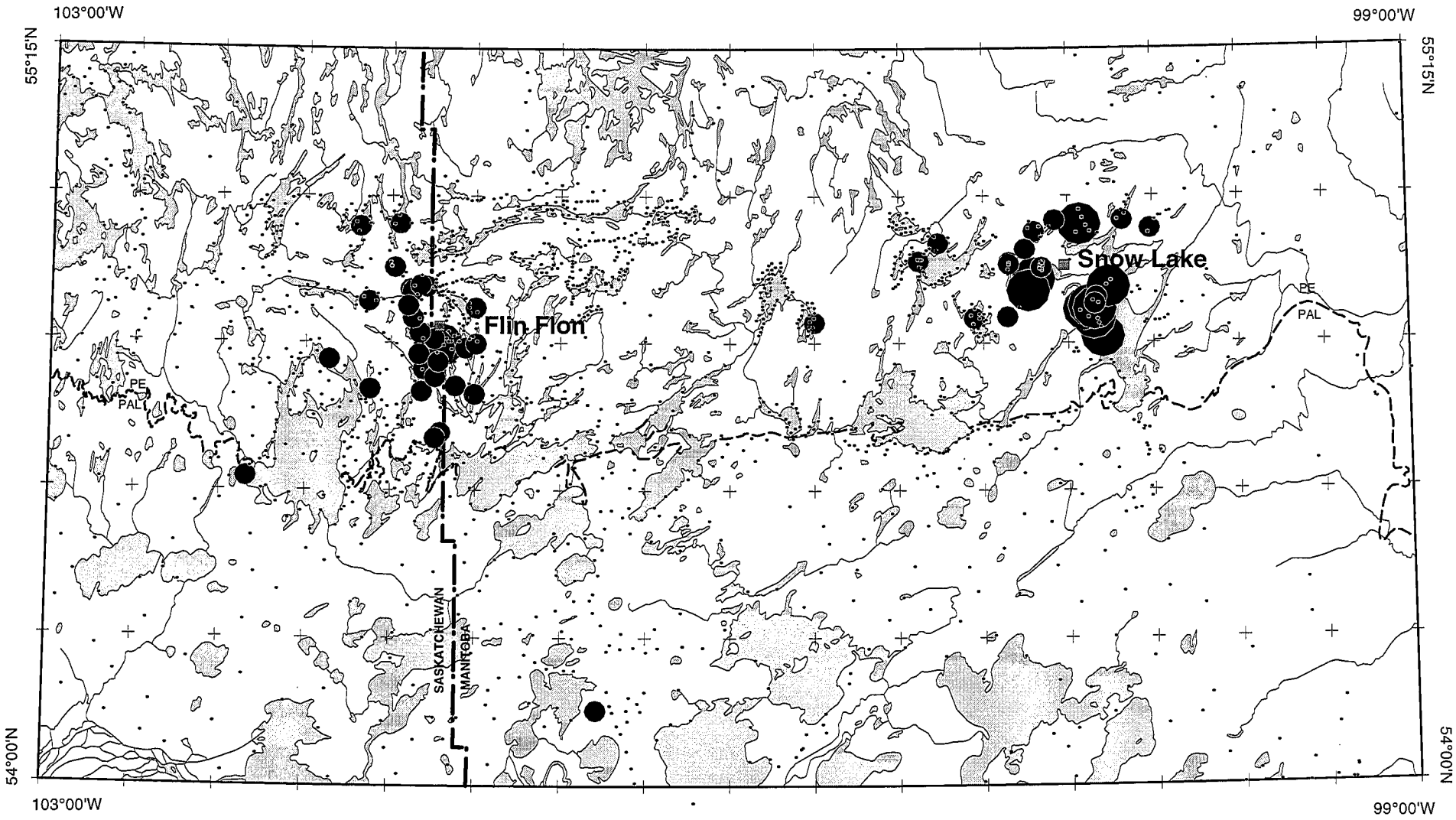
by ICP-AES

Descriptive Statistics	
Mean	1.4
Standard Error	0.03
Median	1.0
Mode	1.0
Standard Deviation	1.12
Sample Variance	1.25
Kurtosis	81.939
Skewness	6.92
Range	20.0
Minimum	1.0
Maximum	21.0
Sum	2292.5
Count	1624
Confidence Level (95.0%)	0.05
Maximum	21.0
99th percentile	6.0
98th percentile	5.0
95th percentile	2.5
90th percentile	2.5
75th percentile	1.0
Median	1.0
25th percentile	1.0
5th percentile	1.0
Minimum	1.0









Bismuth in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
1.0	3.0	96.6	1569
3.0	7.0	99.3	44
7.0	21.0	100	11

by Inductively Coupled Plasma

Bi (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

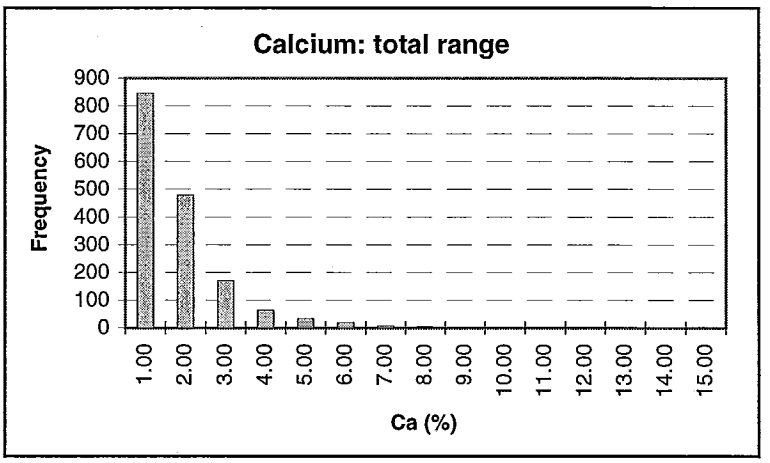
1 : 1 100 000

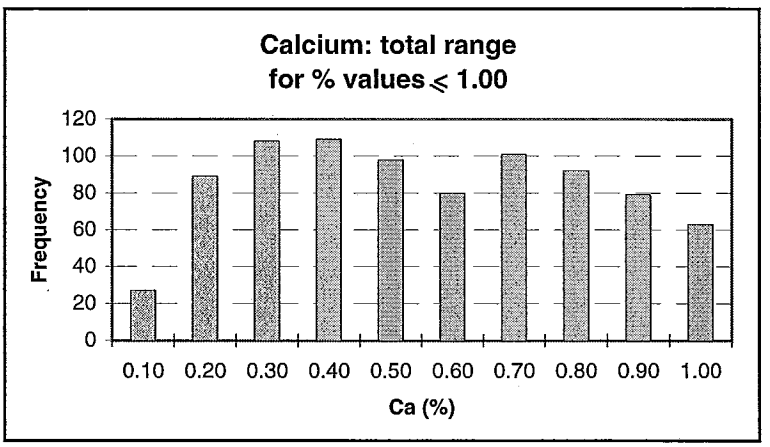
Humus geochemistry (<0.425 mm)

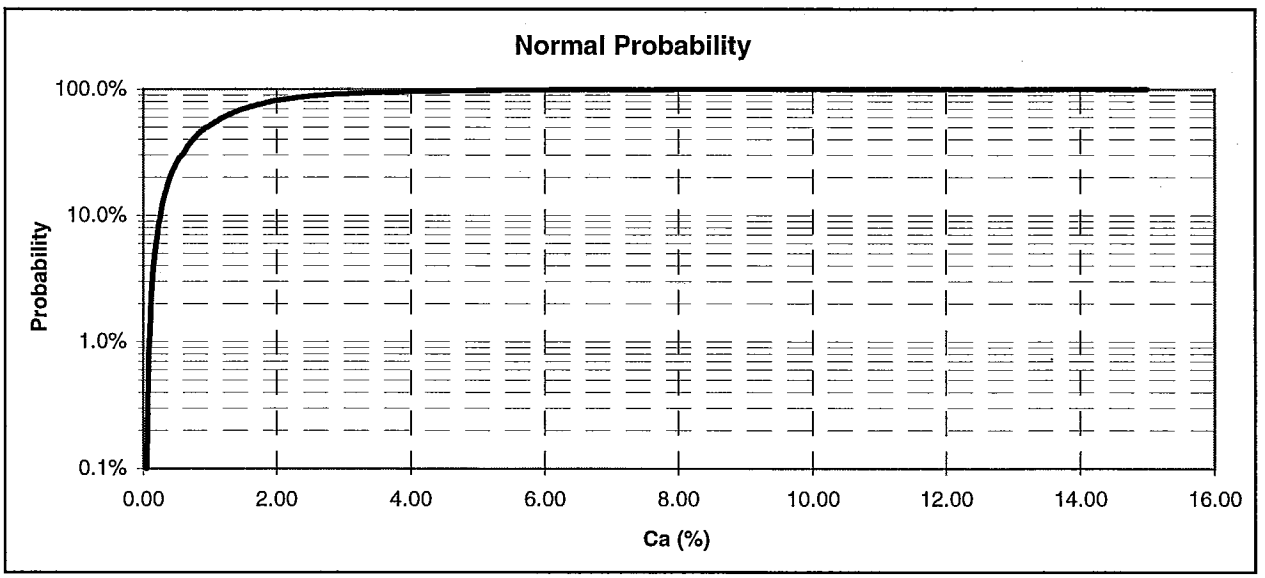
Ca (%)

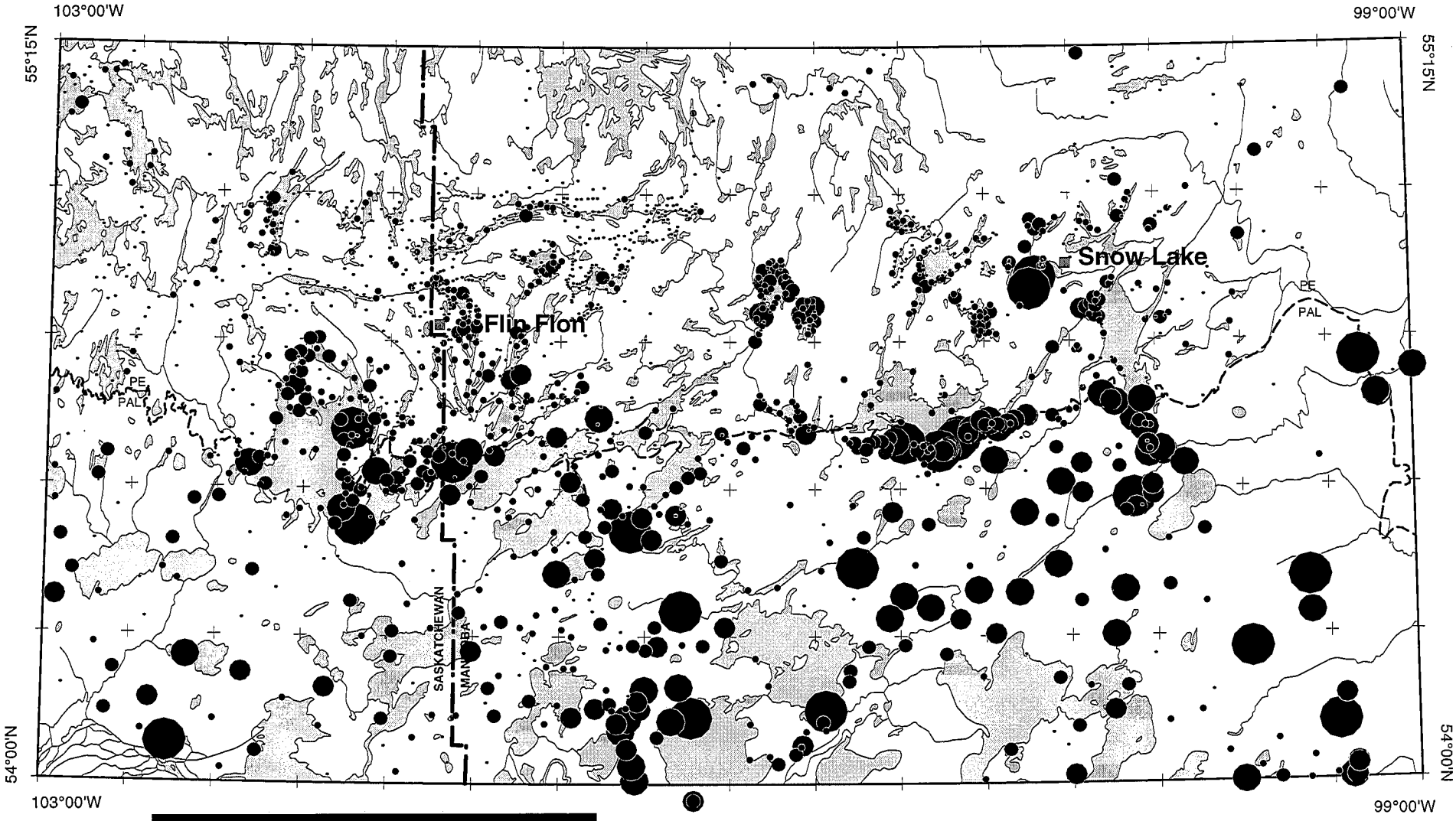
by ICP-AES

Descriptive Statistics	
Mean	1.30
Standard Error	0.03
Median	0.95
Mode	0.65
Standard Deviation	1.23
Sample Variance	1.52
Kurtosis	14.963
Skewness	2.78
Range	14.96
Minimum	0.04
Maximum	15.00
Sum	2108.25
Count	1624
Confidence Level (95.0%)	0.06
Maximum	15.00
99th percentile	5.66
98th percentile	5.07
95th percentile	3.66
90th percentile	2.72
75th percentile	1.70
Median	0.95
25th percentile	0.47
5th percentile	0.17
Minimum	0.04









Calcium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.04	1.00	51.7	840
•	1.00	2.00	81.4	484
●	2.00	3.00	92.1	173
●	3.00	4.00	95.9	63
●	4.00	5.50	98.8	46
●	5.50	15.00	100	20

by Inductively Coupled Plasma

Ca (%)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

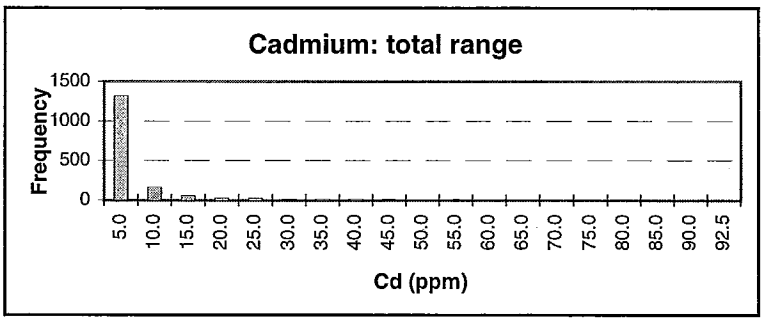
1 : 1 100 000

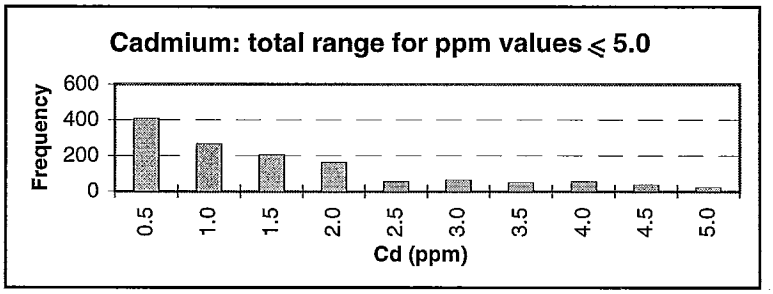
Humus geochemistry (<0.425 mm)

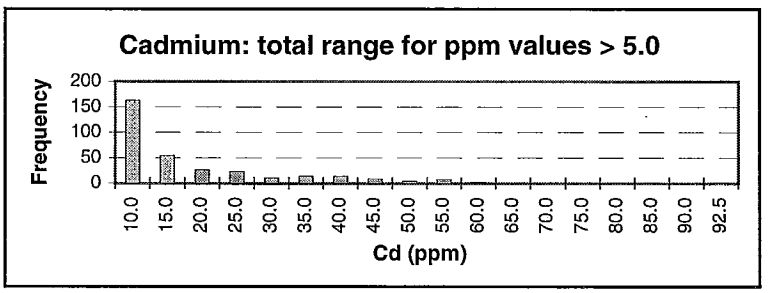
Cd (ppm)

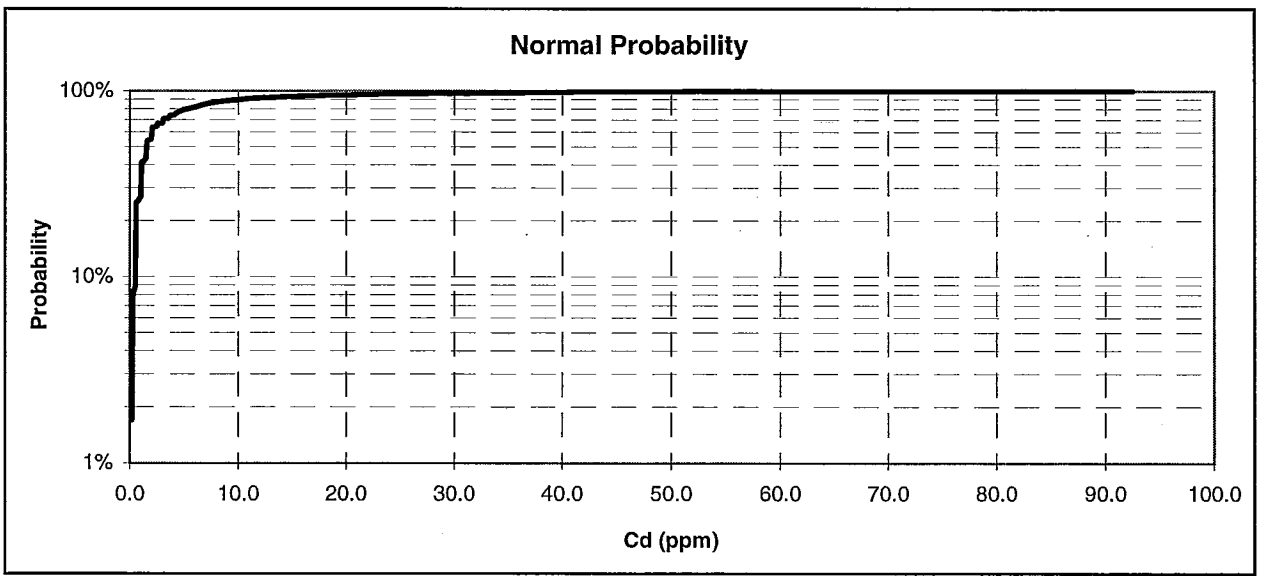
by ICP-AES

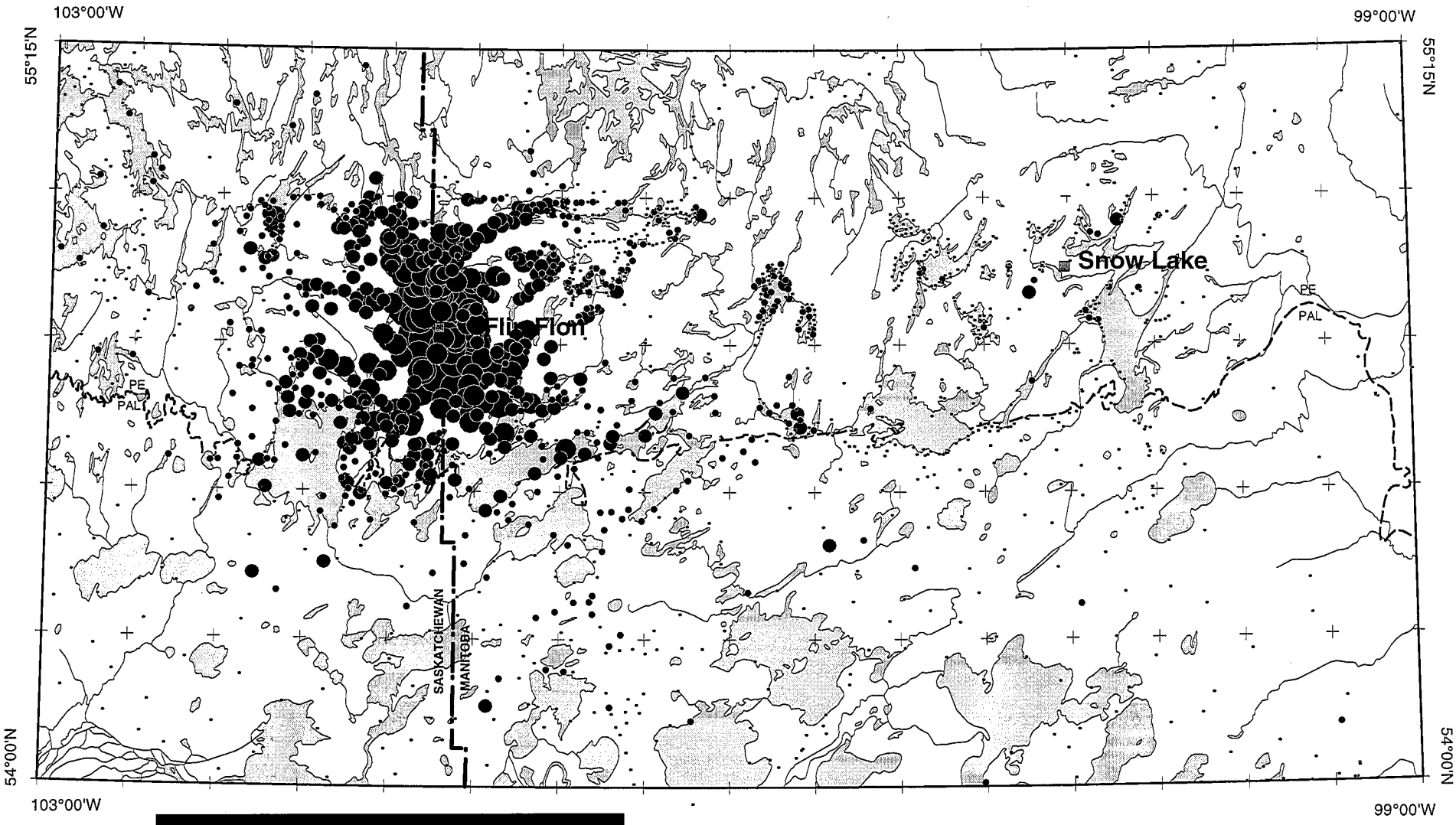
Descriptive Statistics	
Mean	4.38
Standard Error	0.21
Median	1.5
Mode	0.5
Standard Deviation	8.42
Sample Variance	70.93
Kurtosis	25.236
Skewness	4.40
Range	92.4
Minimum	0.1
Maximum	92.5
Sum	7173.7
Count	1638
Confidence Level (95.0%)	0.41
Maximum	92.5
99th percentile	44.0
98th percentile	36.5
95th percentile	20.0
90th percentile	10.0
75th percentile	4.0
Median	1.5
25th percentile	0.6
5th percentile	0.3
Minimum	0.1











Cadmium in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.1	2.0	54.8	898
2.0	4.5	76.8	362
4.5	10.0	89.6	209
10.0	21.5	95.5	97
21.5	44.5	99.1	59
44.5	92.5	100	15

by Inductively Coupled Plasma

Cd (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

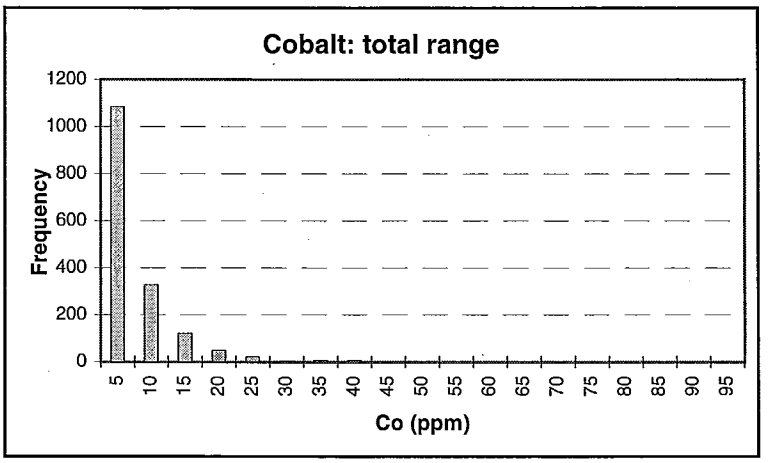
1 : 1 100 000

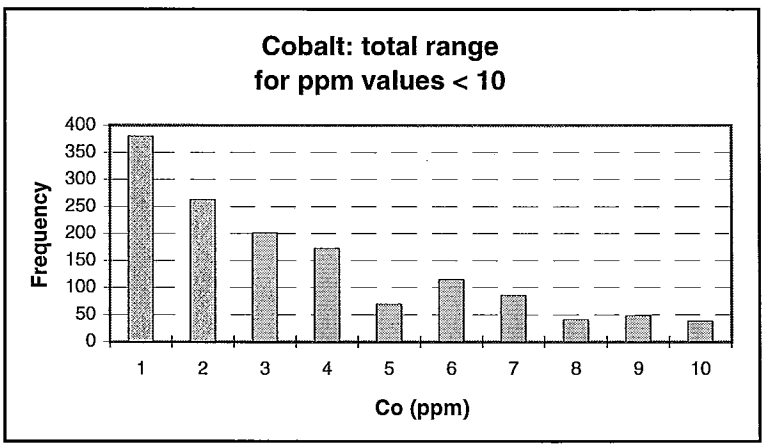
Humus geochemistry (<0.425 mm)

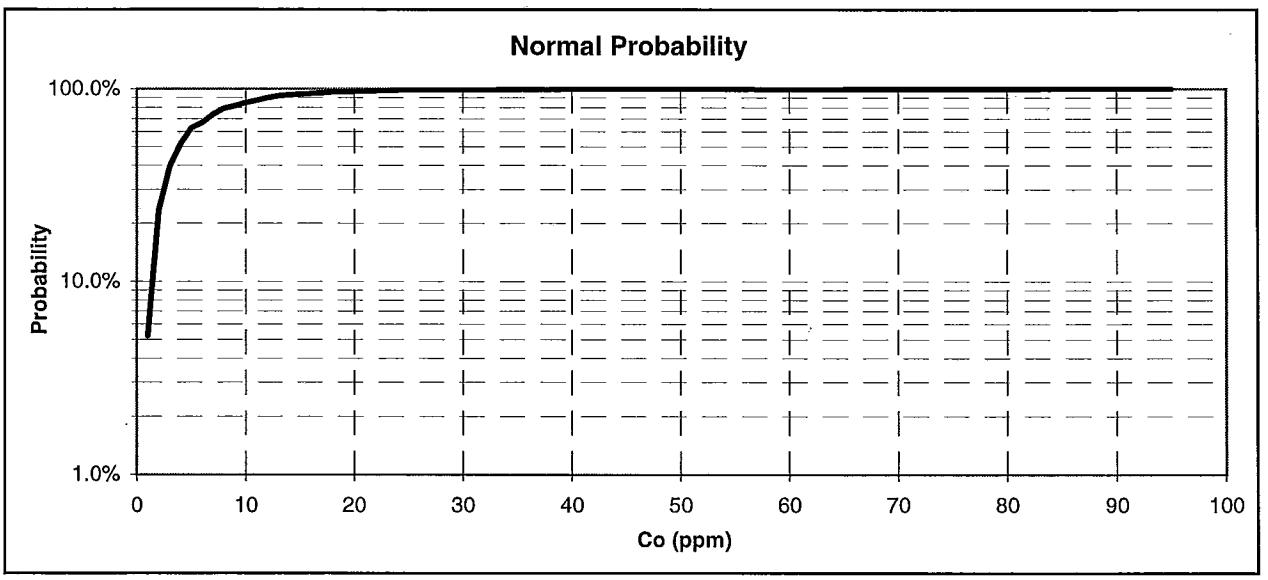
Co (ppm)

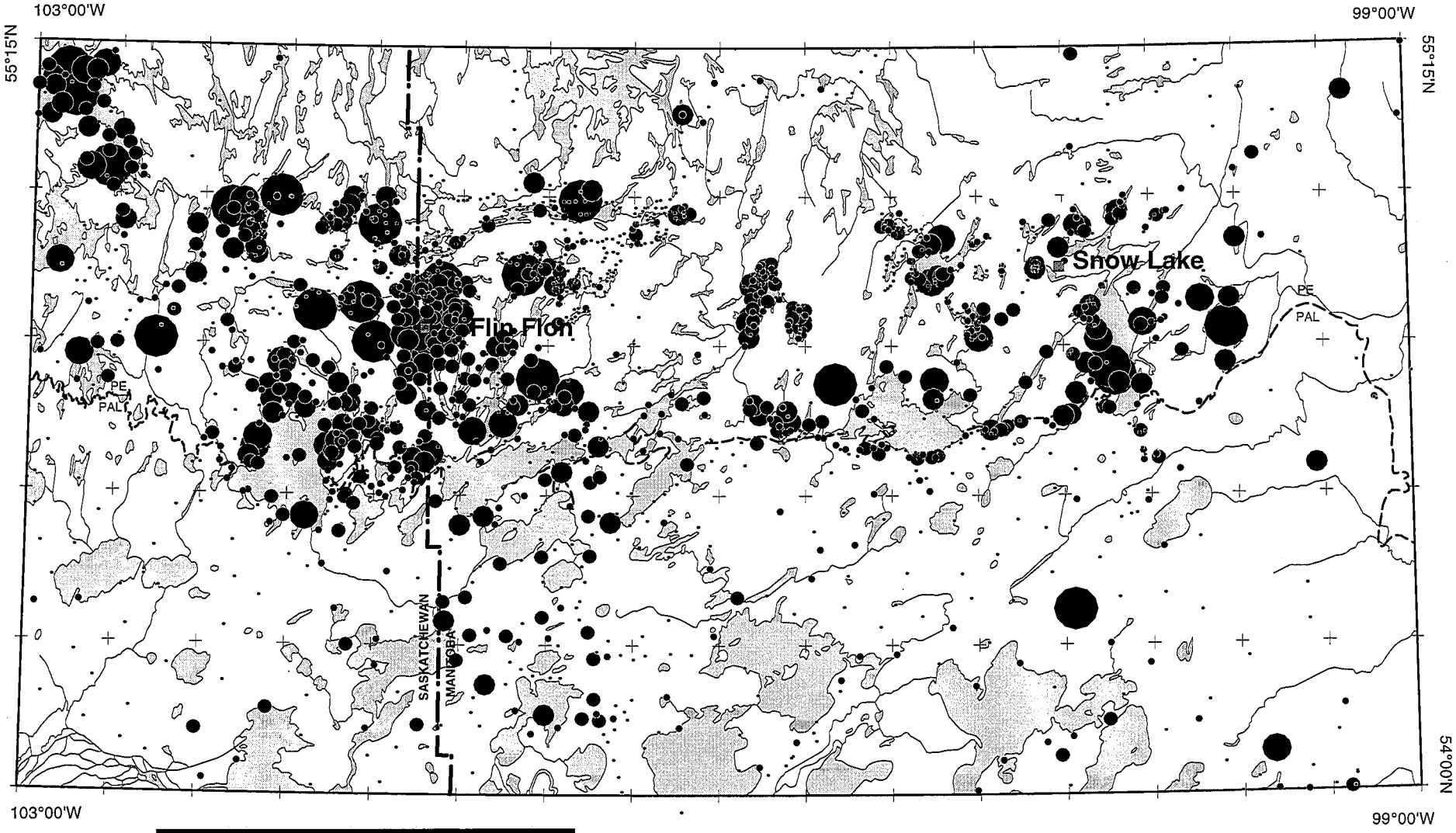
by ICP-AES

Descriptive Statistics	
Mean	5.32
Standard Error	0.16
Median	3
Mode	1
Standard Deviation	6.57
Sample Variance	43.18
Kurtosis	43.771
Skewness	4.92
Range	94.5
Minimum	0.5
Maximum	95
Sum	8647
Count	1624
Confidence Level (95.0%)	0.32
Maximum	95
99th percentile	33
98th percentile	23
95th percentile	16
90th percentile	12
75th percentile	7
Median	3
25th percentile	2
5th percentile	0.5
Minimum	0.5









Cobalt in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
0.5	4.0	52.0	846
4.0	7.0	73.2	356
7.0	12.0	89.7	256
12.0	20.0	97.1	121
20.0	30.0	98.8	28
30.0	95.0	100	19

by Inductively Coupled Plasma

Co (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

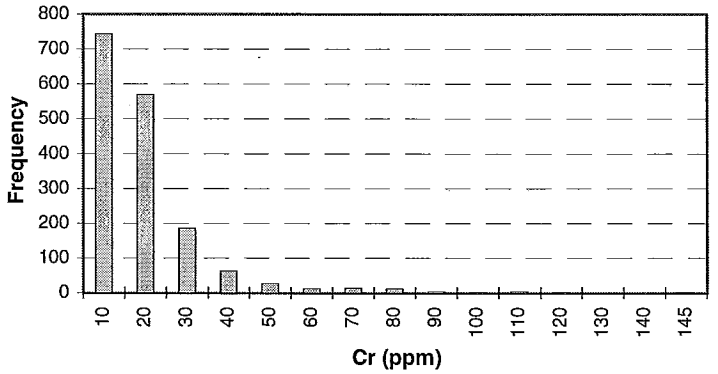
1 : 1 100 000

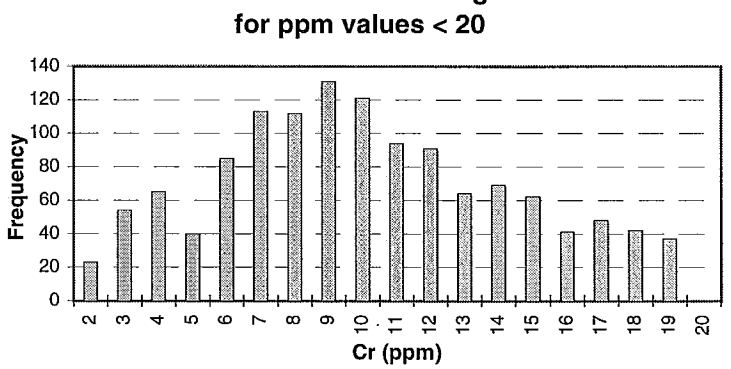
Humus geochemistry (<0.425 mm)

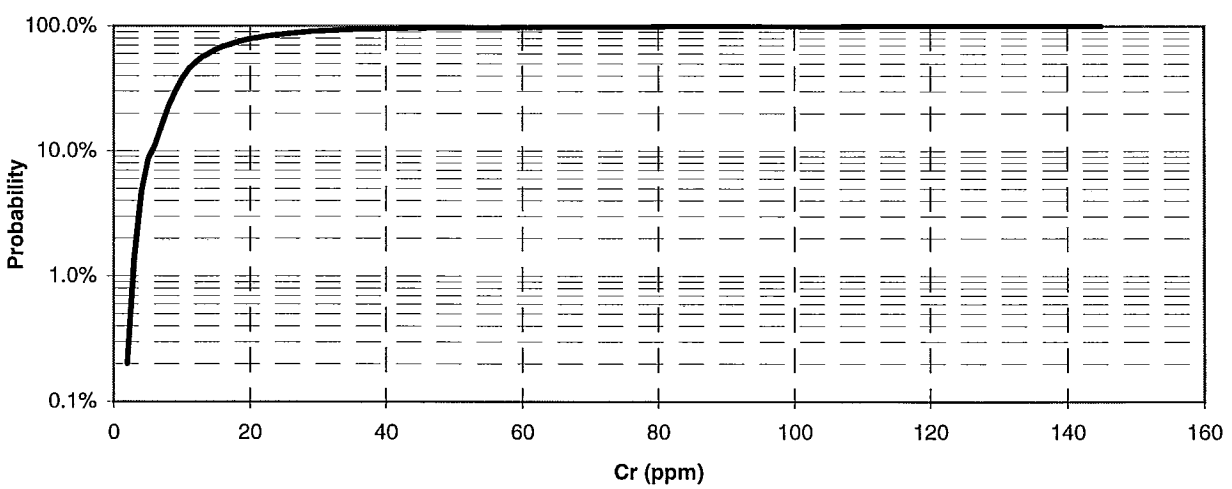
Cr (ppm)

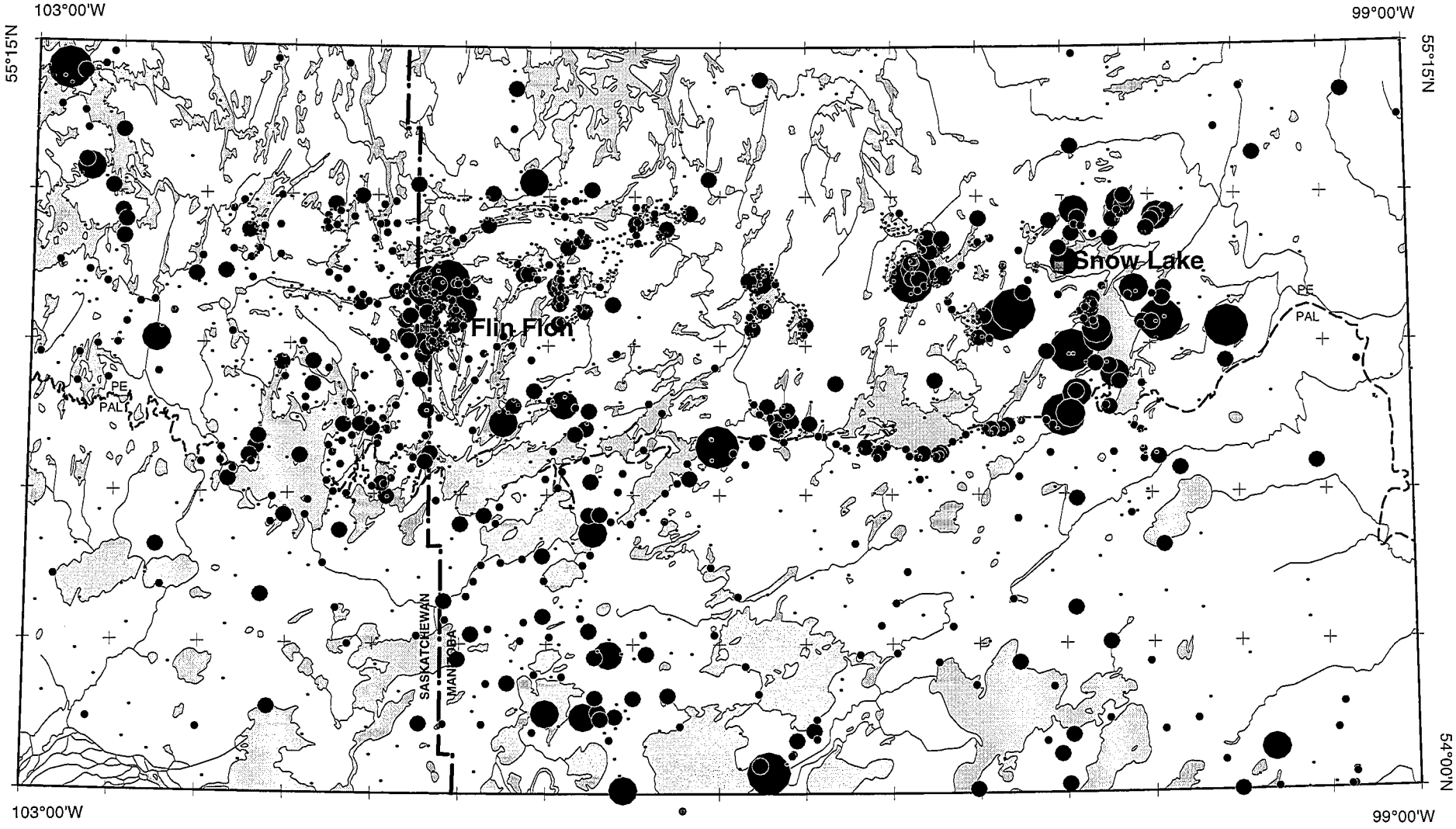
by ICP-AES

Descriptive Statistics	
Mean	15.3
Standard Error	0.35
Median	11
Mode	9
Standard Deviation	14.05
Sample Variance	197.31
Kurtosis	18.937
Skewness	3.57
Range	144
Minimum	1
Maximum	145
Sum	25124
Count	1639
Confidence Level (95.0%)	0.68
Maximum	145
99th percentile	76
98th percentile	62
95th percentile	39
90th percentile	28
75th percentile	18
Median	11
25th percentile	8
5th percentile	4
Minimum	1









Chromium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	1	15	64.8	1062
•	15	25	86.3	352
●	25	60	97.7	187
●	60	80	99.2	25
●	80	145	100	13

by Inductively Coupled Plasma

Cr (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

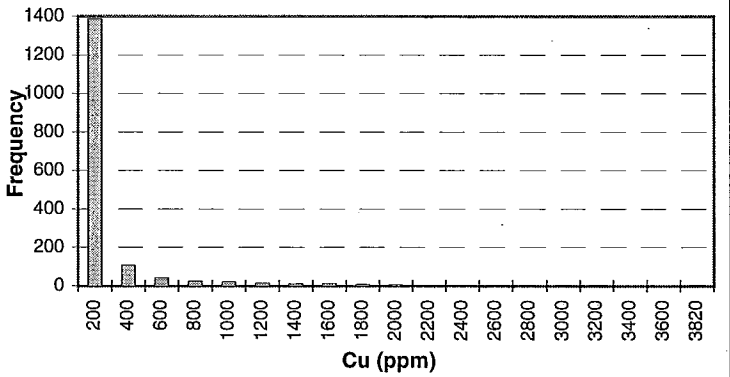
1 : 1 100 000

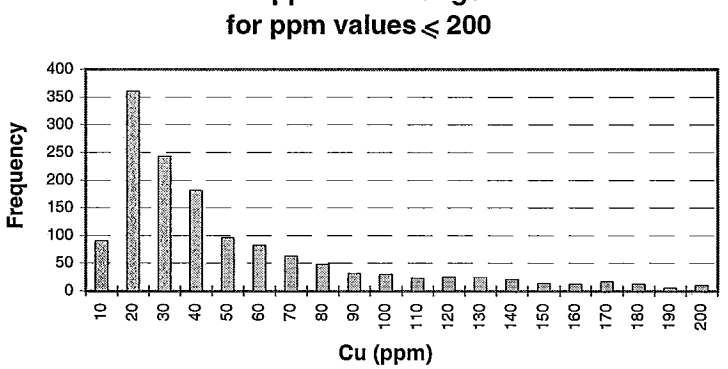
Humus geochemistry (<0.425 mm)

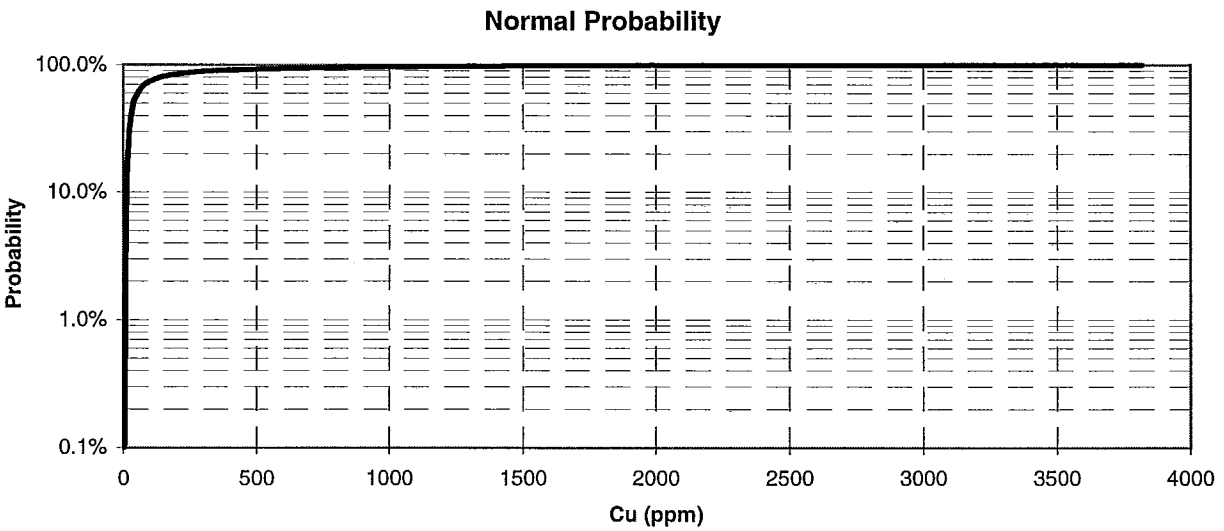
Cu (ppm)

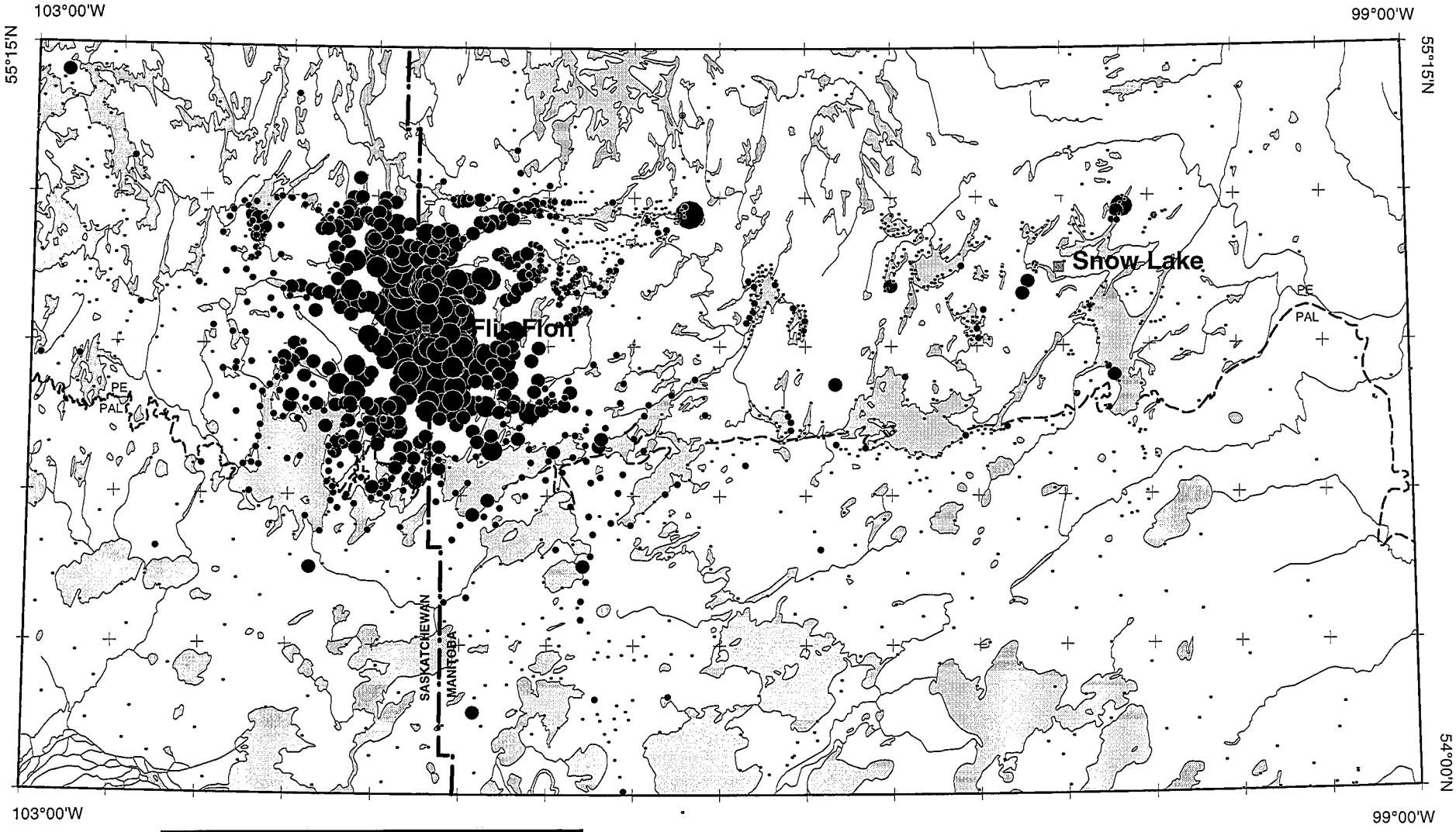
by ICP-AES

Descriptive Statistics	
Mean	151.87
Standard Error	8.89
Median	36
Mode	11
Standard Deviation	359.76
Sample Variance	129426.7
Kurtosis	31.708
Skewness	5.02
Range	3816
Minimum	4
Maximum	3820
Sum	248923
Count	1639
Confidence Level (95.0%)	17.42
Maximum	3820
99th percentile	1877
98th percentile	1430
95th percentile	734
90th percentile	338
75th percentile	102
Median	36
25th percentile	19
5th percentile	10
Minimum	4









Copper in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
4	50	58.5	958
50	120	77.5	313
120	300	89.1	190
300	1100	96.8	126
1100	2000	99.2	39
2000	3820	100	13

by Inductively Coupled Plasma

Cu (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

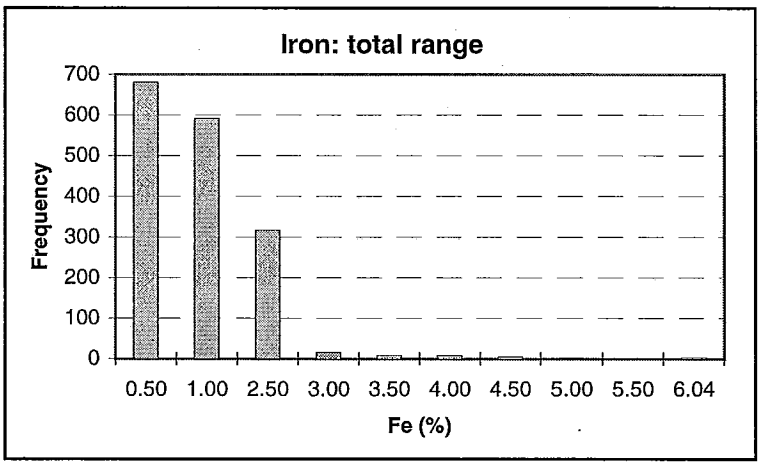
1 : 1 100 000

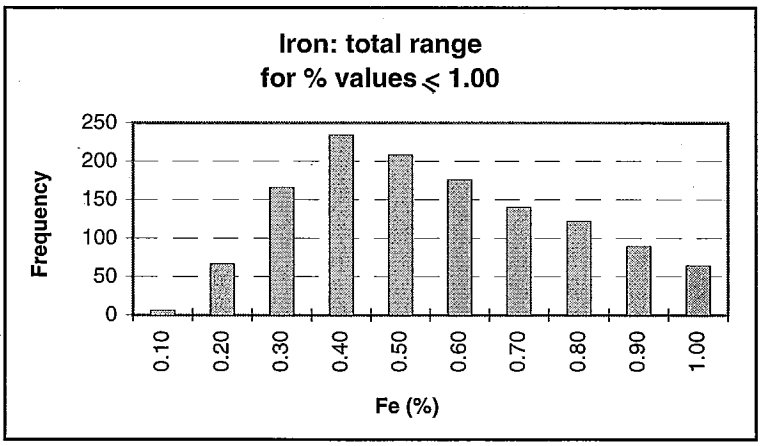
Humus geochemistry (<0.425 mm)

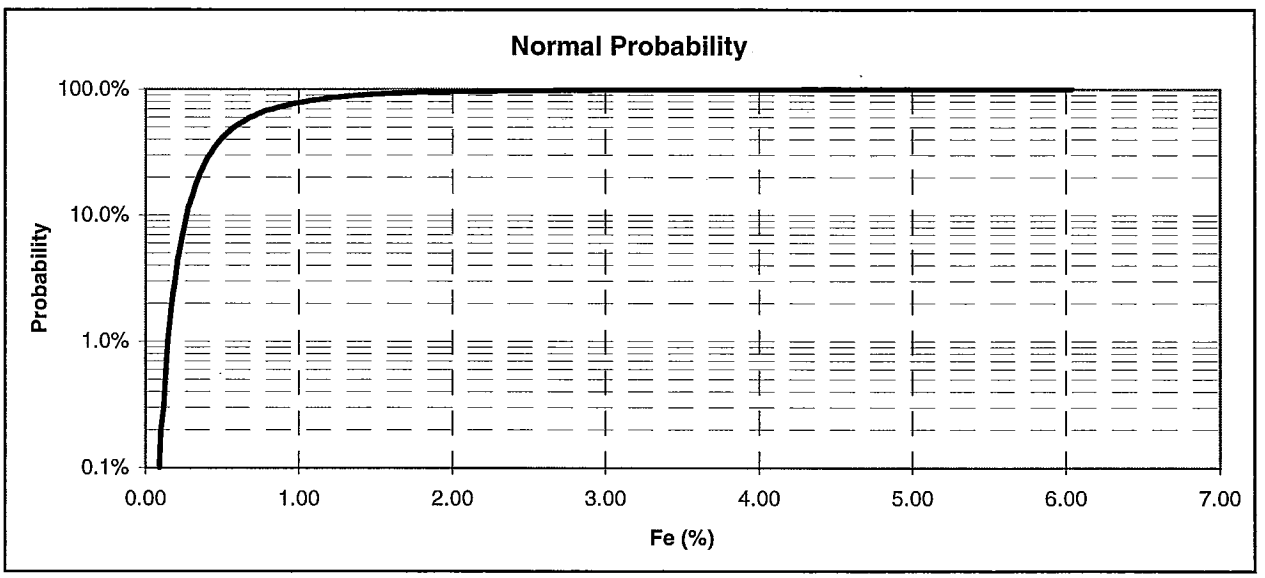
Fe (%)

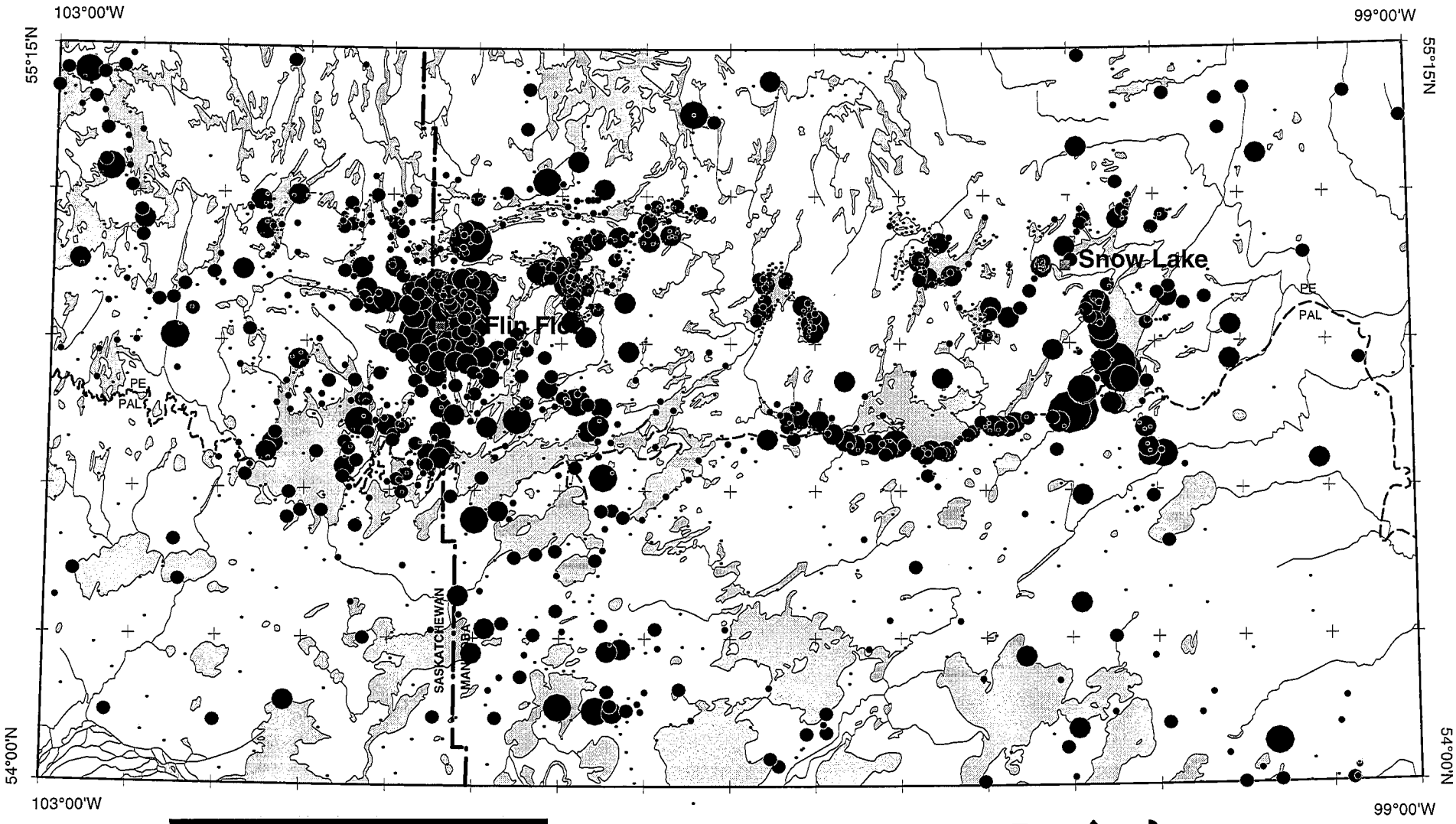
by ICP-AES

Descriptive Statistics	
Mean	0.75
Standard Error	0.02
Median	0.58
Mode	0.4
Standard Deviation	0.61
Sample Variance	0.37
Kurtosis	12.657
Skewness	2.87
Range	5.96
Minimum	0.08
Maximum	6.04
Sum	1223.11
Count	1624
Confidence Level (95.0%)	0.03
Maximum	6.04
99th percentile	3.45
98th percentile	2.69
95th percentile	1.85
90th percentile	1.40
75th percentile	0.93
Median	0.58
25th percentile	0.38
5th percentile	0.22
Minimum	0.08









Iron in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.08	0.65	56.2	913
•	0.65	0.90	73.6	282
●	0.90	1.30	87.7	230
●	1.30	2.30	96.9	149
●	2.30	3.70	99.4	40
●	3.70	6.04	100	10

by Inductively Coupled Plasma

Fe (%)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

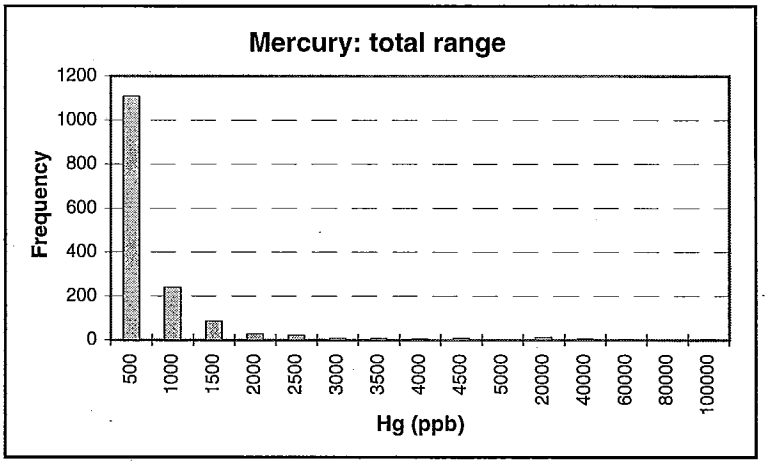
Humus geochemistry (<0.425 mm)

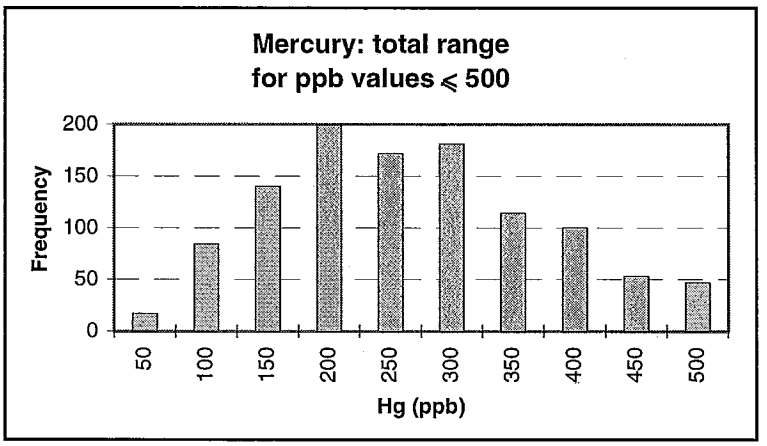
Hg (ppb)

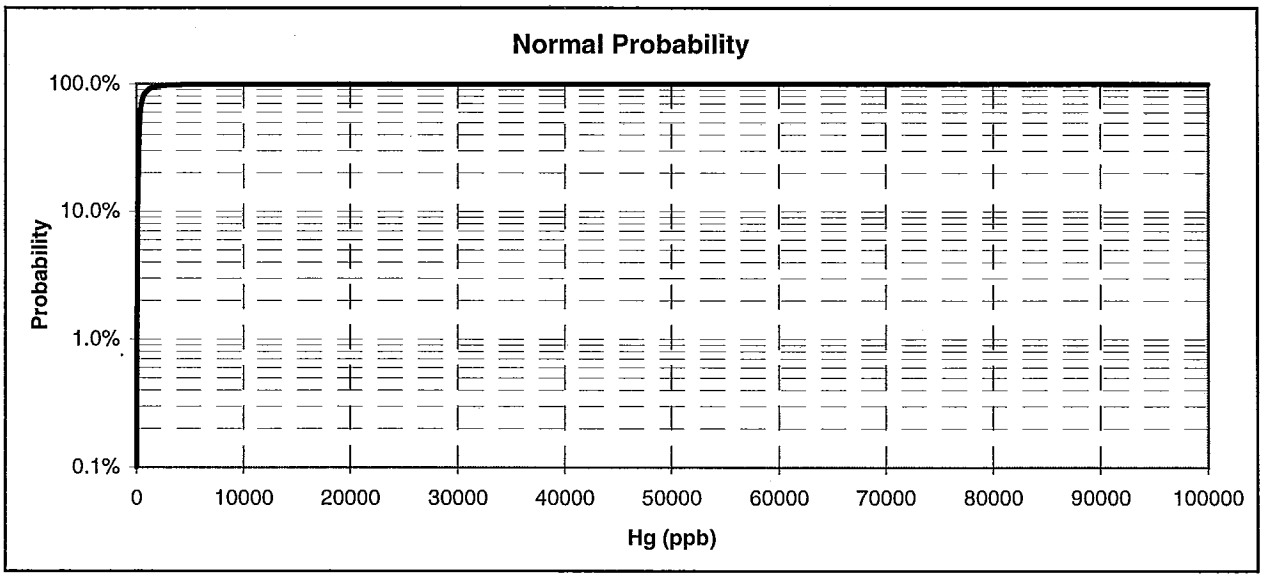
by C.V. AAS

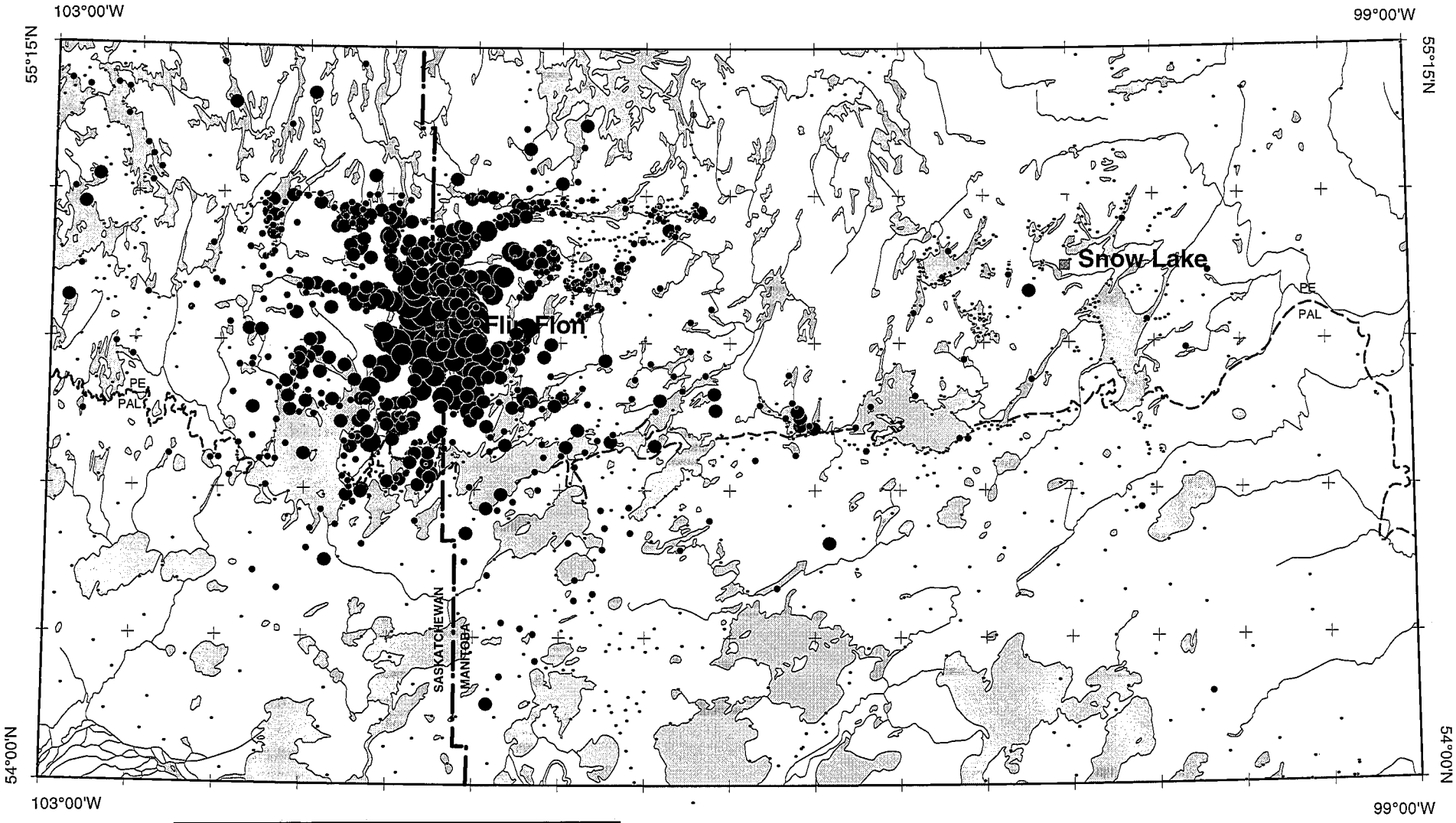
Descriptive Statistics

Mean	772.97
Standard Error	94.64
Median	300
Mode	200
Standard Deviation	3693.51
Sample Variance	13642026
Kurtosis	398.656
Skewness	17.90
Range	99980
Minimum	20
Maximum	100000
Sum	1177226
Count	1523
Confidence Level (95.0%)	185.50
Maximum	100000
99th percentile	8950
98th percentile	3600
95th percentile	1750
90th percentile	1100
75th percentile	540
Median	300
25th percentile	190
5th percentile	100
Minimum	20









Mercury in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
20	350	58.4	889
350	600	77.9	297
600	1300	92.1	216
1300	3300	97.8	87
3300	10000	99.2	22
10000	100000	100	12

by C.V. Atomic Absorption Spectrometry

Hg (ppb)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

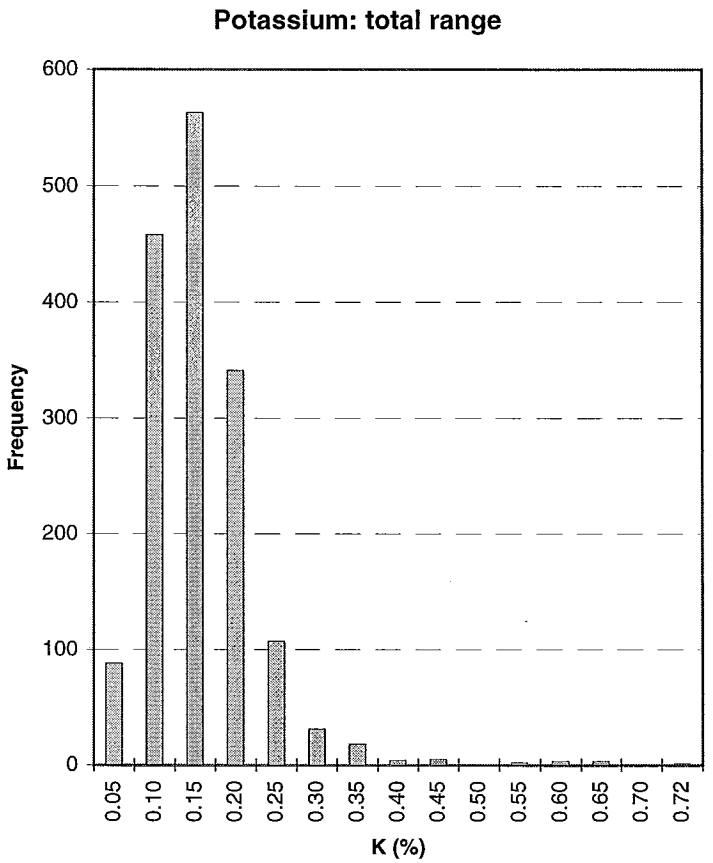
1 : 1 100 000

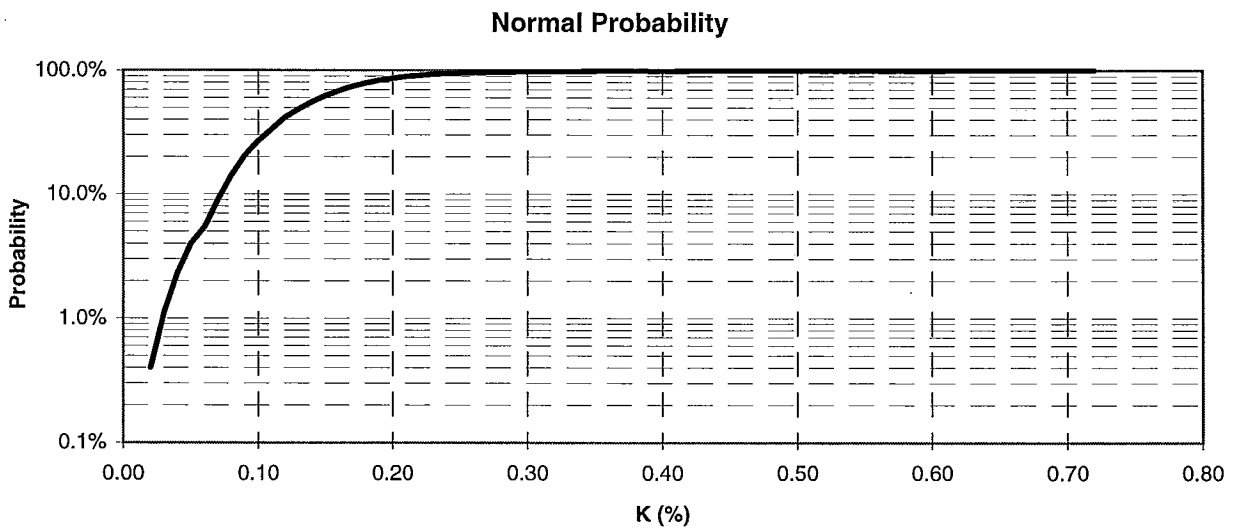
Humus geochemistry (<0.425 mm)

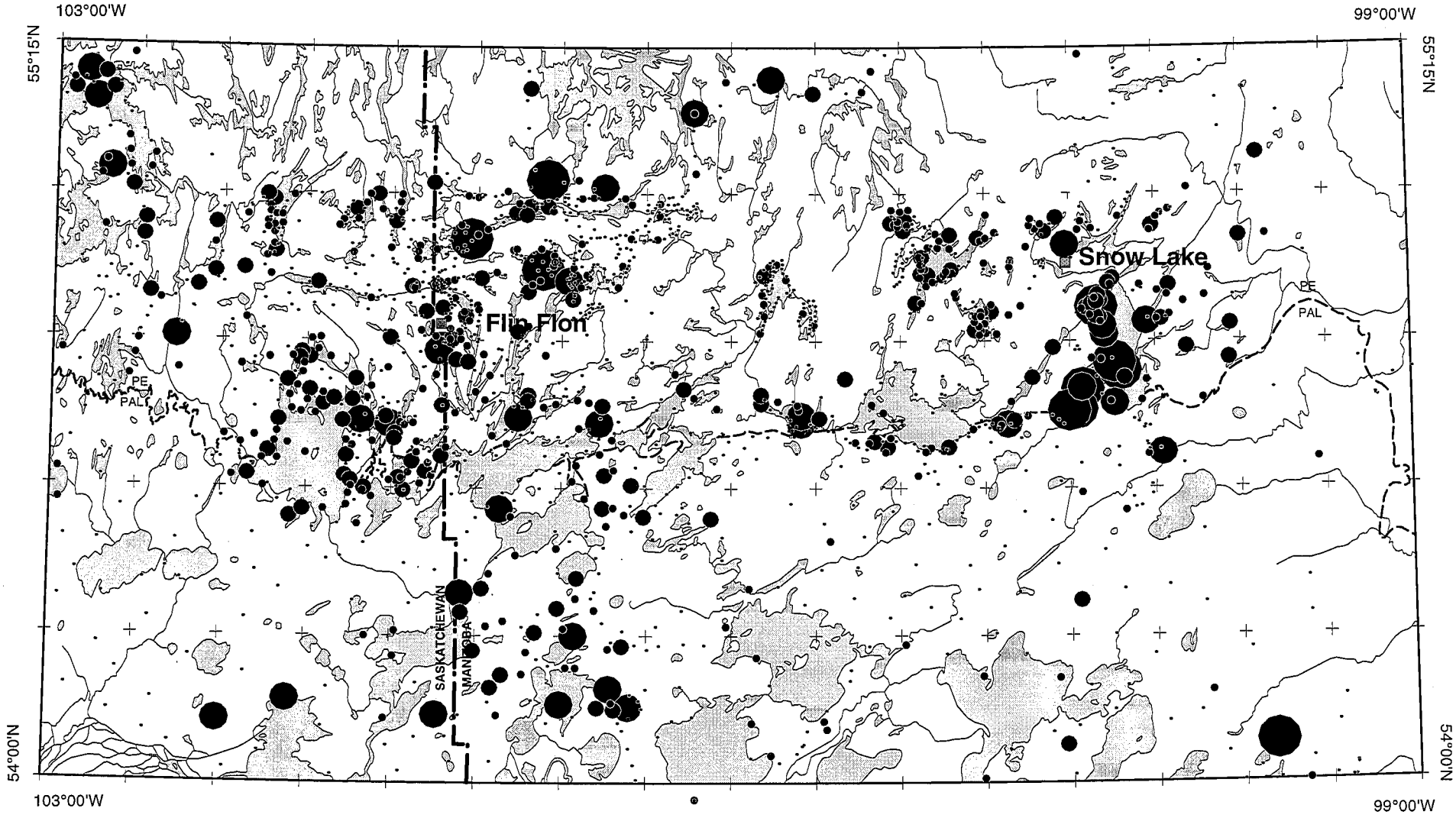
K (%)

by ICP-AES

Descriptive Statistics	
Mean	0.14
Standard Error	0.002
Median	0.13
Mode	0.11
Standard Deviation	0.07
Sample Variance	0.005
Kurtosis	11.580
Skewness	2.27
Range	0.71
Minimum	0.01
Maximum	0.72
Sum	221.21
Count	1624
Confidence Level (95.0%)	0.003
Maximum	0.72
99th percentile	0.37
98th percentile	0.31
95th percentile	0.24
90th percentile	0.21
75th percentile	0.17
Median	0.13
25th percentile	0.09
5th percentile	0.05
Minimum	0.01







Potassium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.01	0.16	68.3	1109
●	0.16	0.21	89.3	341
●	0.21	0.30	97.4	132
●	0.30	0.45	99.4	32
●	0.45	0.72	100	10

by Inductively Coupled Plasma

K (%)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

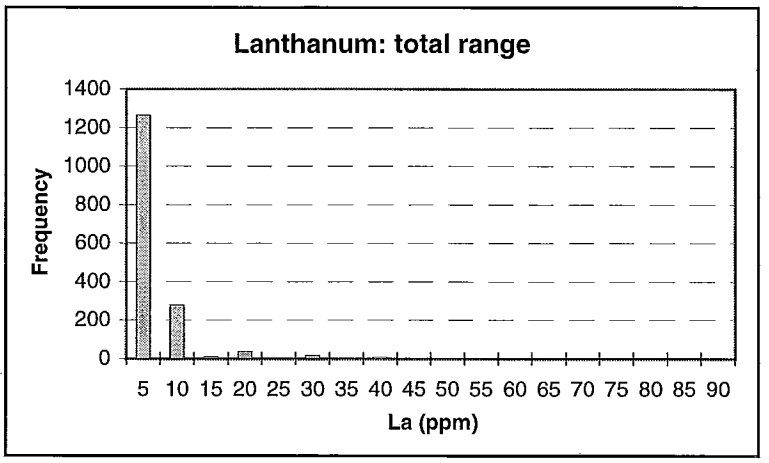
1 : 1 100 000

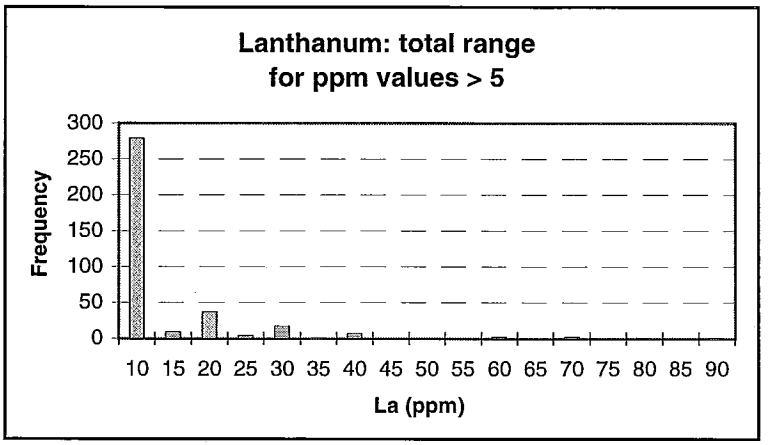
Humus geochemistry (<0.425 mm)

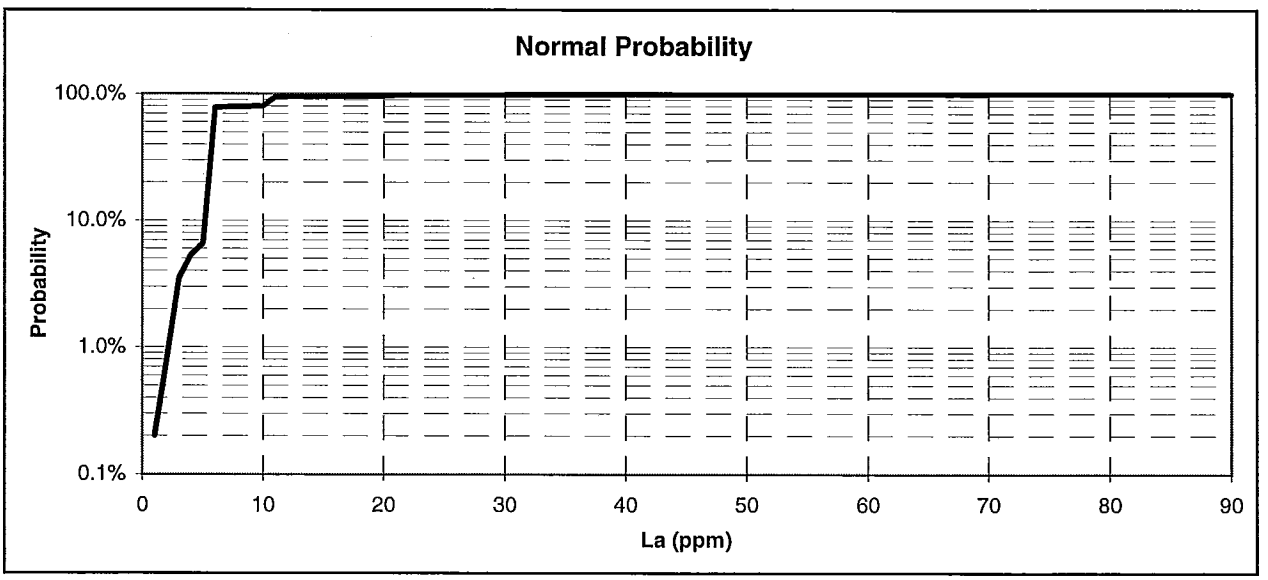
La (ppm)

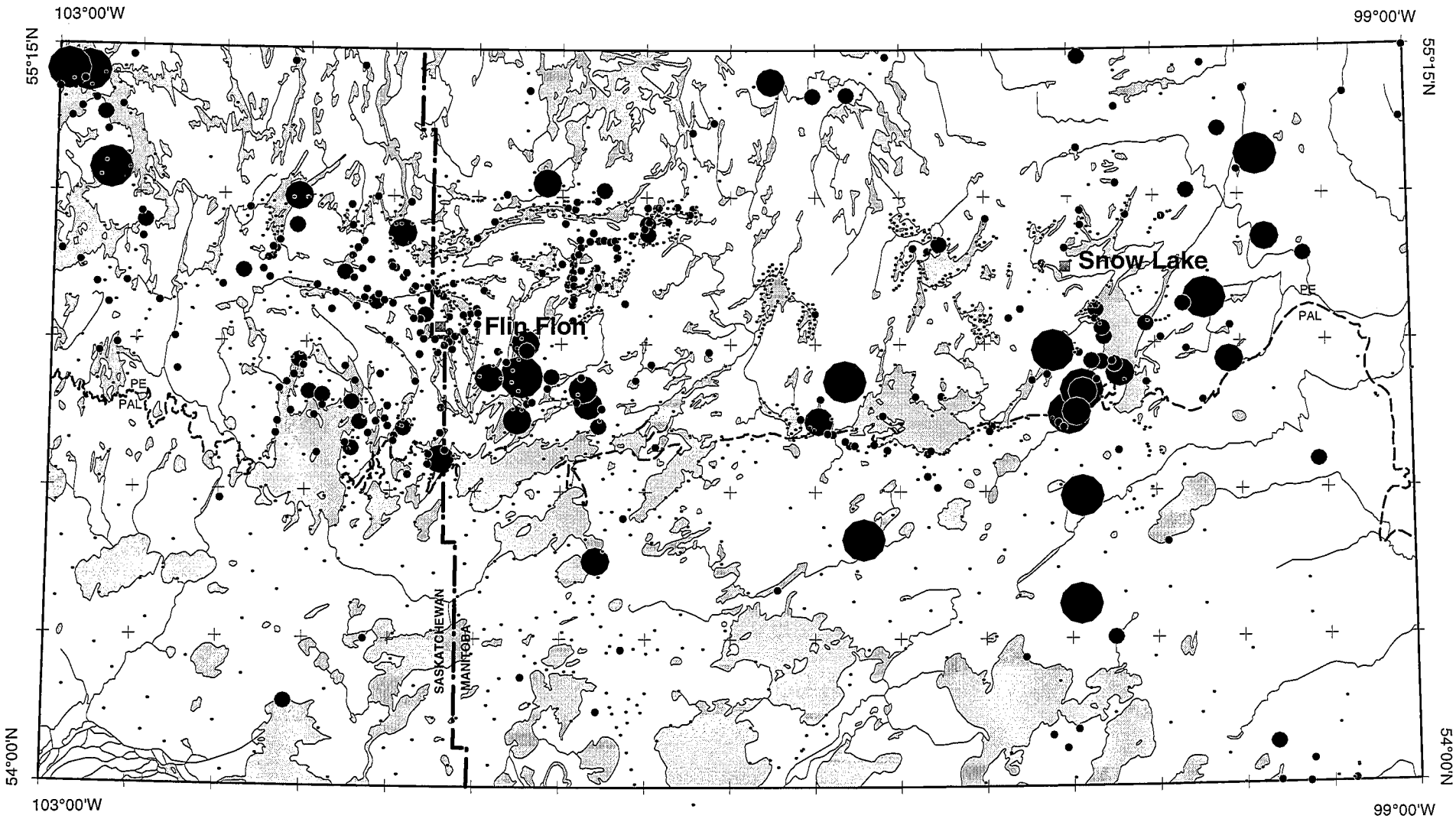
by ICP-AES

Descriptive Statistics	
Mean	6.72
Standard Error	0.15
Median	5
Mode	5
Standard Deviation	6.03
Sample Variance	36.42
Kurtosis	62.460
Skewness	6.62
Range	89.5
Minimum	0.5
Maximum	90
Sum	10917
Count	1624
Confidence Level (95.0%)	0.29
Maximum	90
99th percentile	30
98th percentile	25
95th percentile	11
90th percentile	10
75th percentile	5
Median	5
25th percentile	5
5th percentile	3
Minimum	0.5









Lanthanum in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.5	10	80.0	1300
•	10	20	95.8	255
●	20	30	98.2	39
●	30	35	99.2	17
●	35	90	100	13

by Inductively Coupled Plasma

La (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

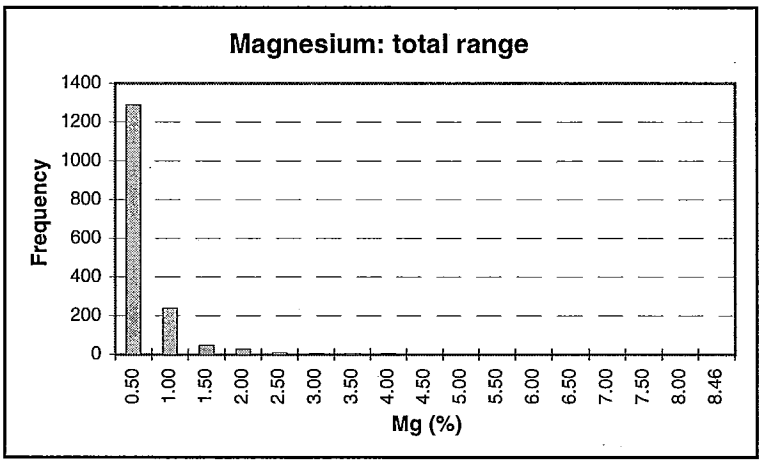
1 : 1 100 000

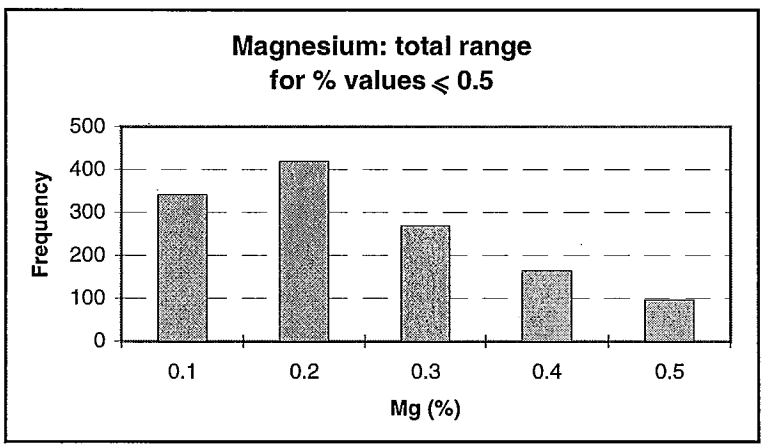
Humus geochemistry (<0.425 mm)

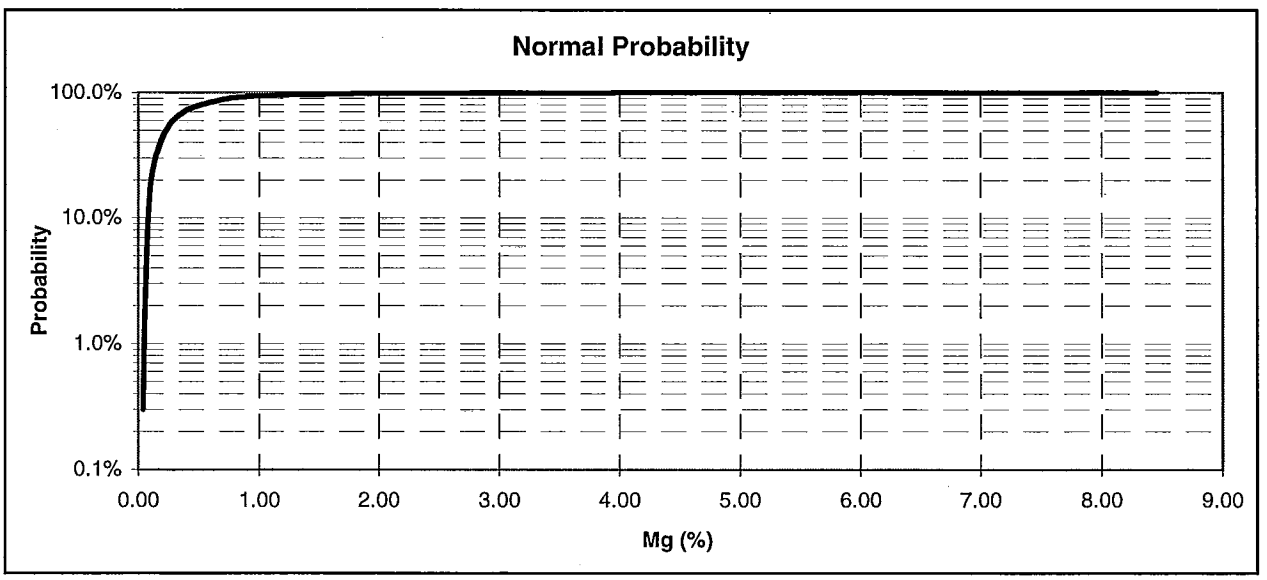
Mg (%)

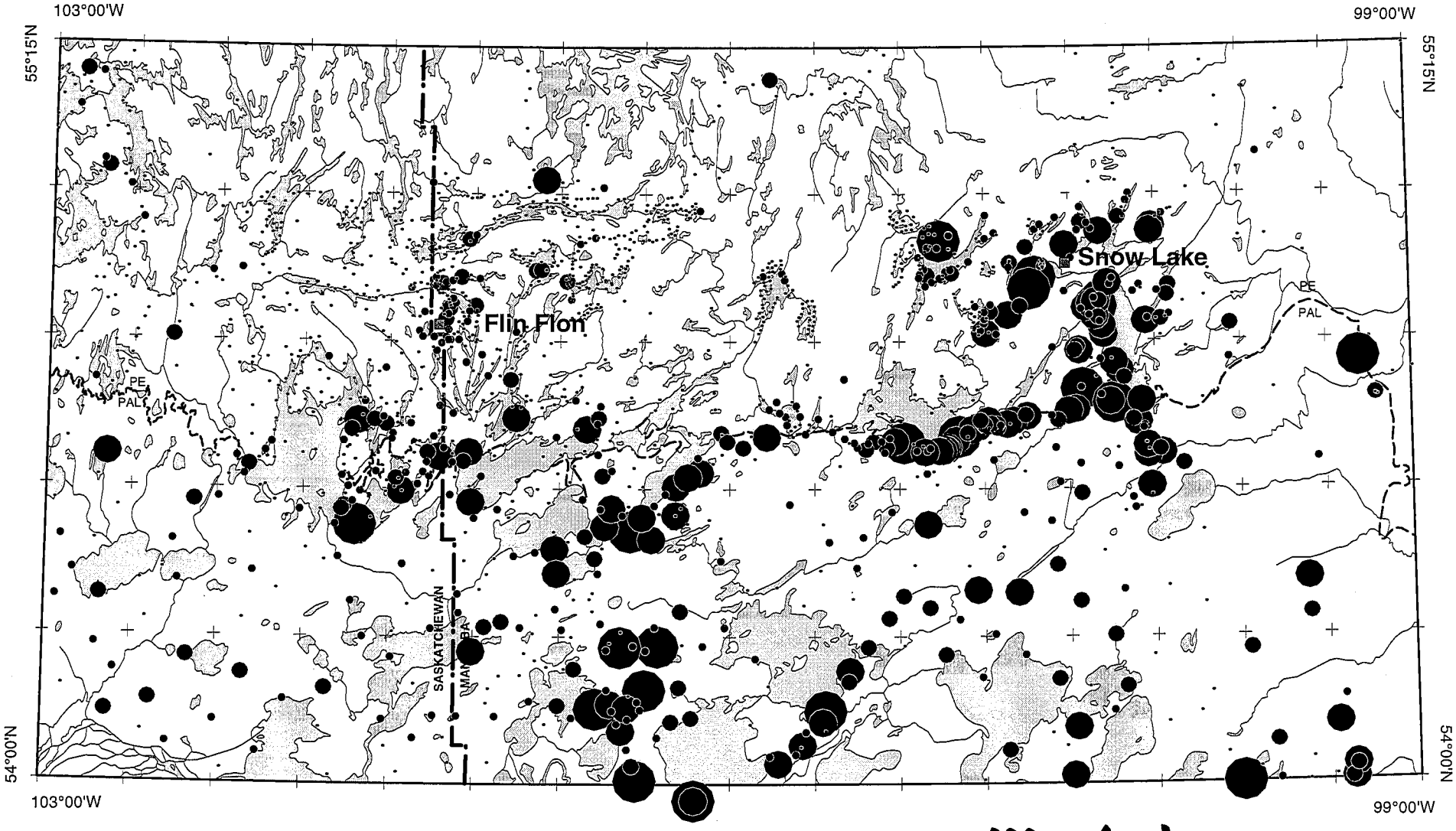
by ICP-AES

Descriptive Statistics	
Mean	0.37
Standard Error	0.01
Median	0.22
Mode	0.08
Standard Deviation	0.50
Sample Variance	0.25
Kurtosis	60.874
Skewness	5.89
Range	8.44
Minimum	0.02
Maximum	8.46
Sum	601.94
Count	1624
Confidence Level (95.0%)	0.02
Maximum	8.46
99th percentile	2.45
98th percentile	1.78
95th percentile	1.13
90th percentile	0.75
75th percentile	0.43
Median	0.22
25th percentile	0.12
5th percentile	0.06
Minimum	0.02









Magnesium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	0.02	0.40	72.6	1179
•	0.40	0.70	88.1	251
●	0.70	1.00	94.0	96
●	1.00	2.30	98.8	79
●	2.30	8.46	100	19

by Inductively Coupled Plasma

Mg (%)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

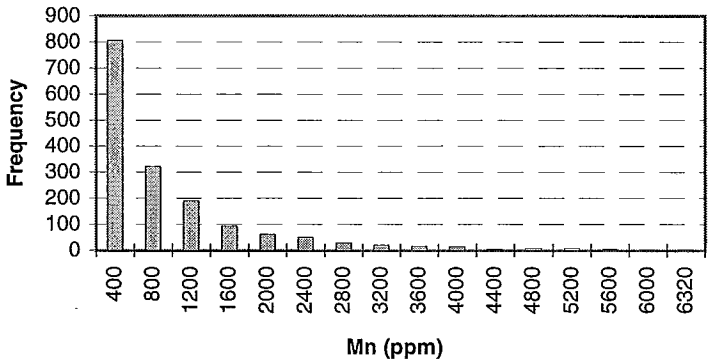
1 : 1 100 000

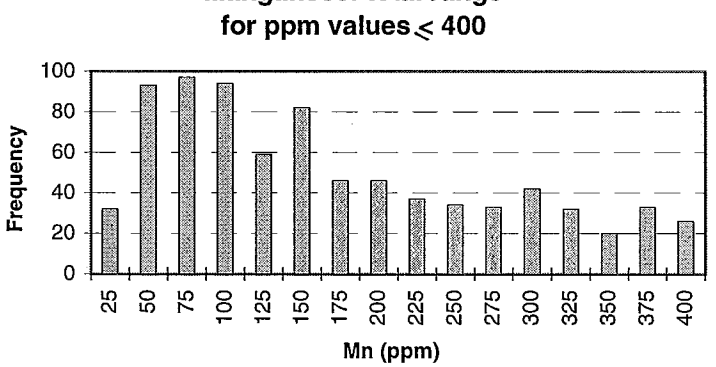
Humus geochemistry (<0.425 mm)

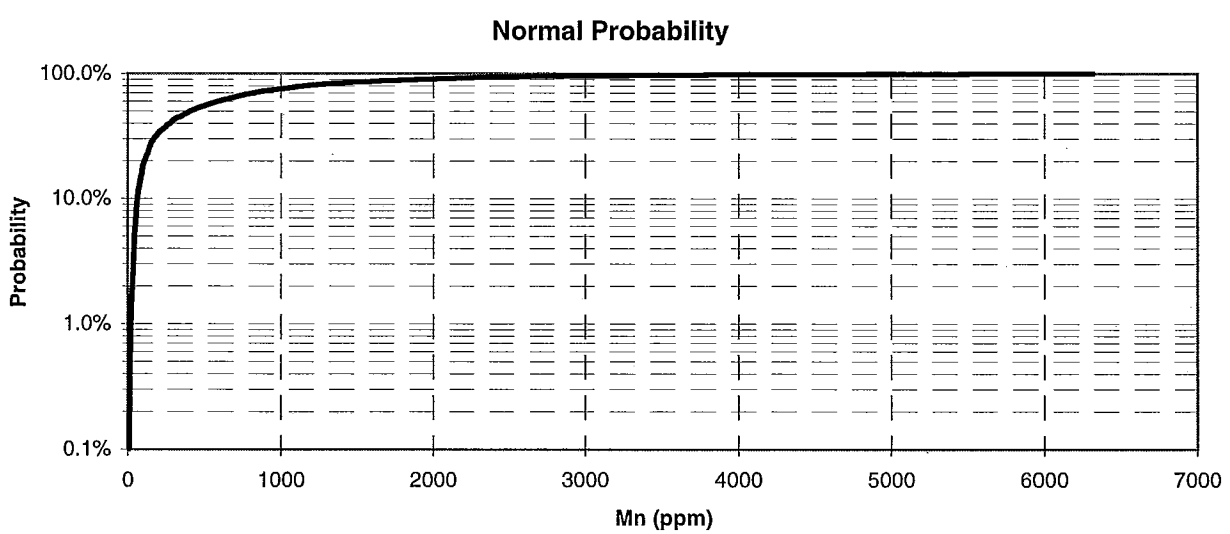
Mn (ppm)

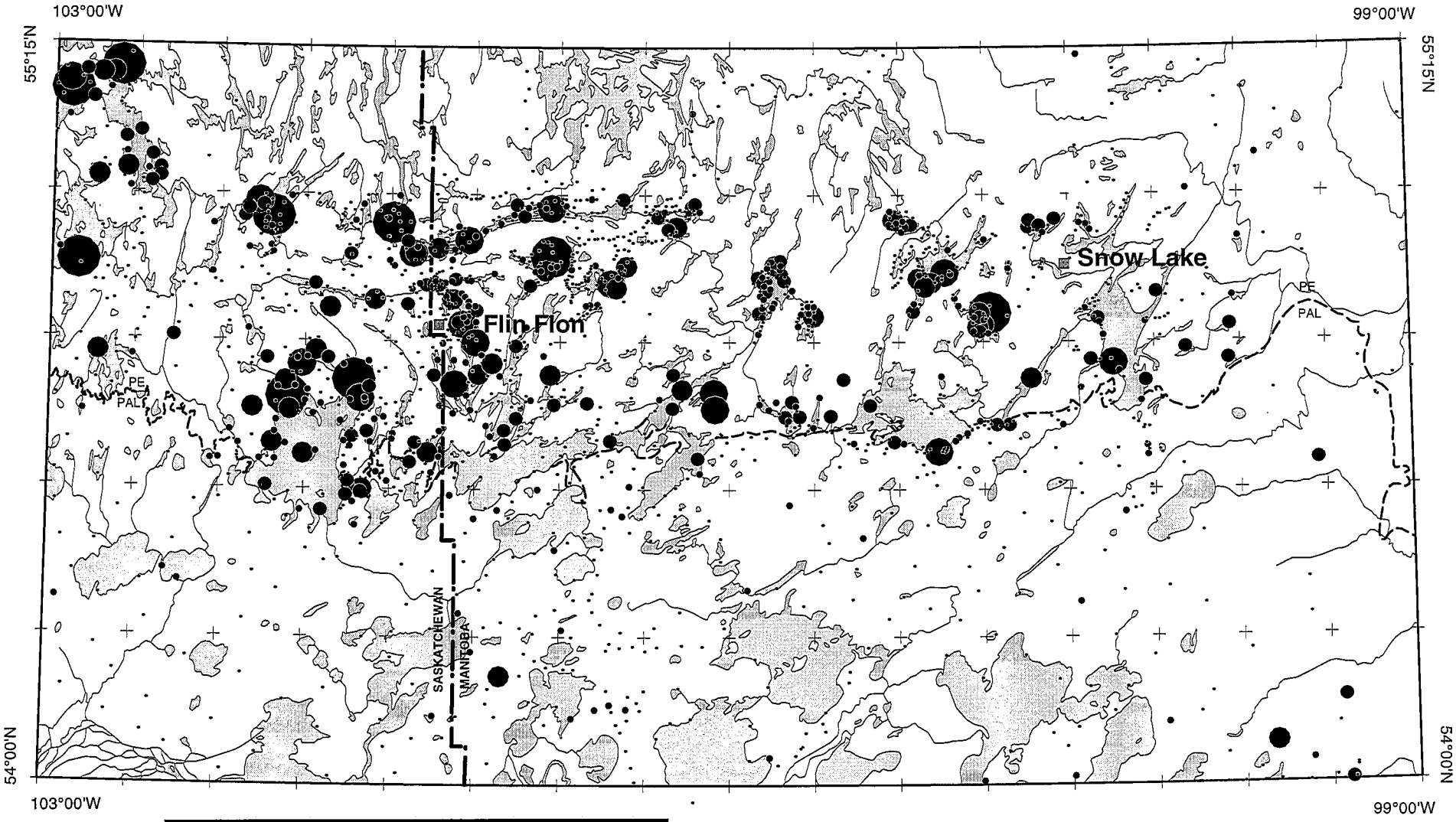
by ICP-AES

Descriptive Statistics	
Mean	746.84
Standard Error	22.98
Median	410
Mode	60
Standard Deviation	925.99
Sample Variance	857465
Kurtosis	6.671
Skewness	2.360
Range	6315
Minimum	5
Maximum	6320
Sum	1212875
Count	1624
Confidence Level (95.0%)	45.04
Maximum	6320
99th percentile	4520
98th percentile	3800
95th percentile	2610
90th percentile	1915
75th percentile	977
Median	410
25th percentile	135
5th percentile	40
Minimum	5









Manganese in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
5	1000	75.6	1227
1000	2000	90.6	244
2000	3000	96.1	90
3000	4000	98.5	38
4000	5000	99.4	16
5000	6320	100	9

by Inductively Coupled Plasma

Mn (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

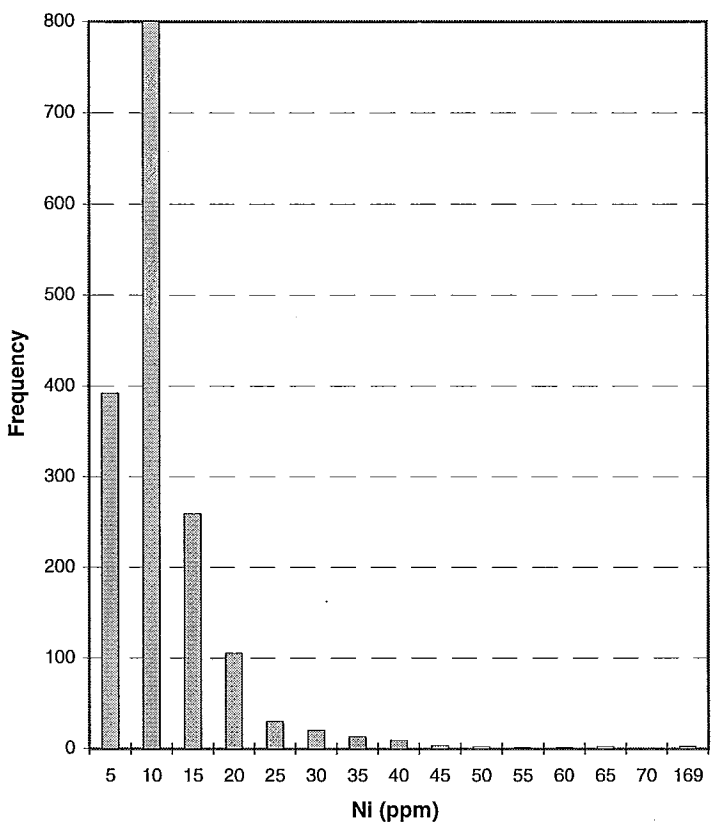
1 : 1 100 000

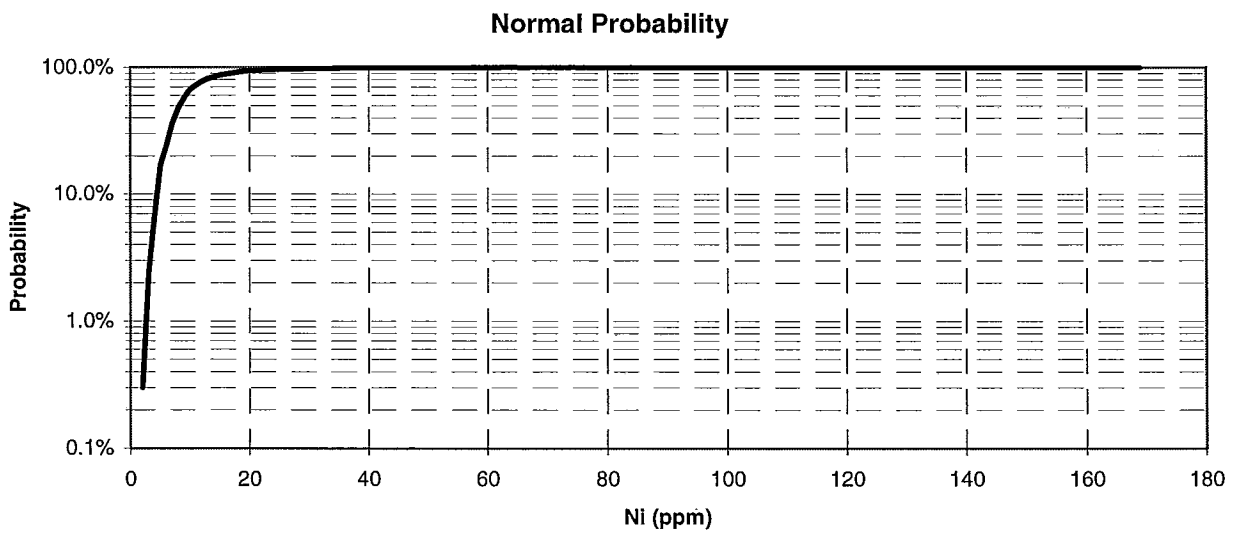
Humus geochemistry (<0.425 mm)

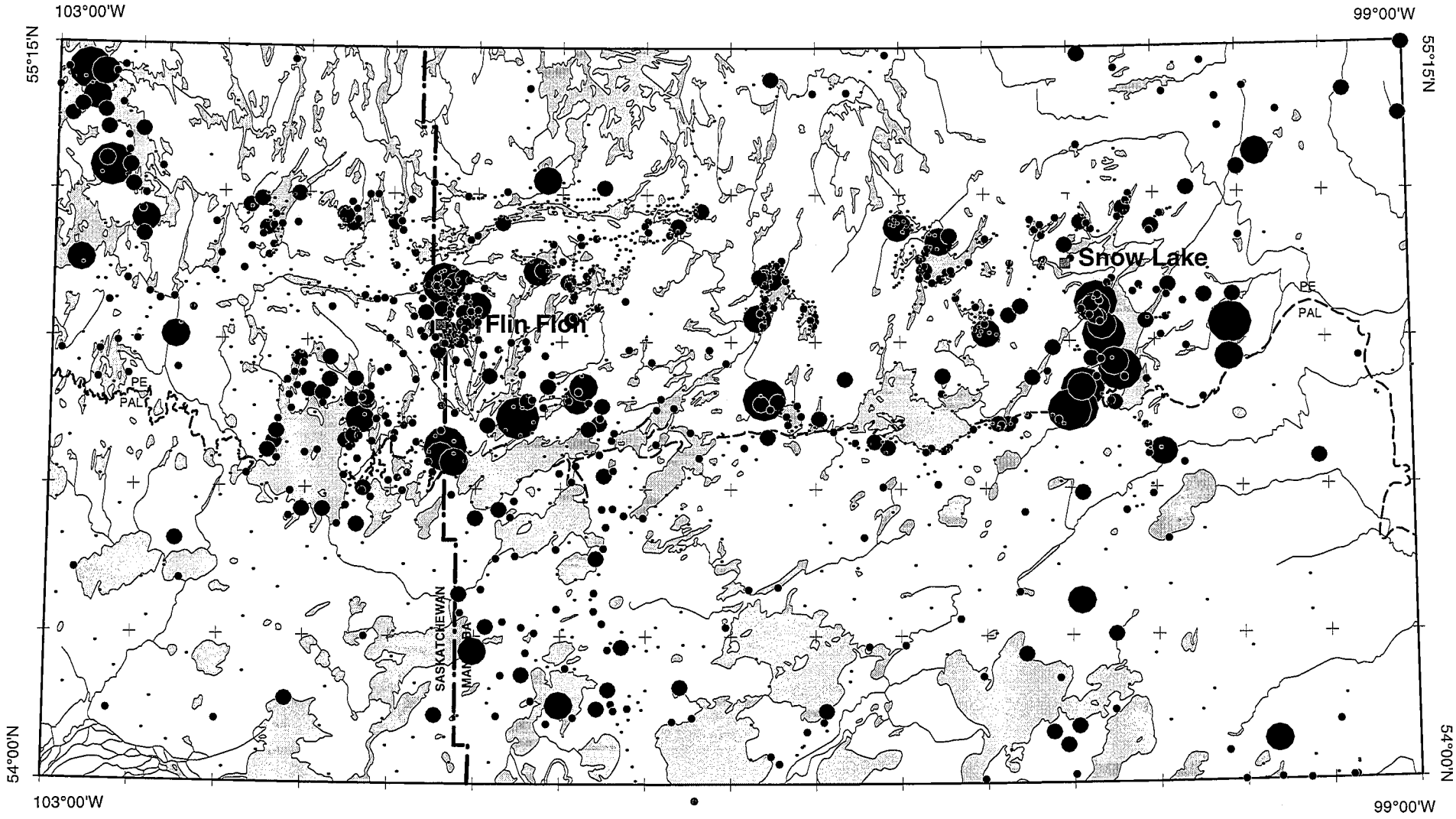
Ni (ppm)

by ICP-AES

Descriptive Statistics	
Mean	9.51
Standard Error	0.21
Median	8
Mode	6
Standard Deviation	8.52
Sample Variance	72.57
Kurtosis	147.298
Skewness	9.03
Range	168
Minimum	1
Maximum	169
Sum	15582
Count	1639
Confidence Level (95.0%)	0.41
Maximum	169
99th percentile	38
98th percentile	31
95th percentile	21
90th percentile	16
75th percentile	11
Median	8
25th percentile	6
5th percentile	3
Minimum	1







Nickel in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
1	10	66.8	1095
10	17	90.1	381
17	28	97.4	121
28	40	99.2	29
40	169	100	13

by Inductively Coupled Plasma

Ni (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

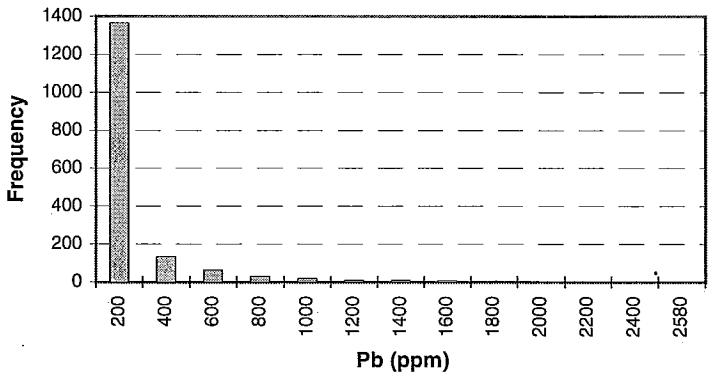
1 : 1 100 000

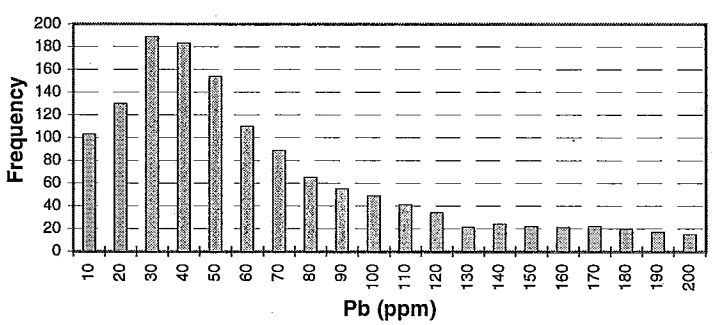
Humus geochemistry (<0.425 mm)

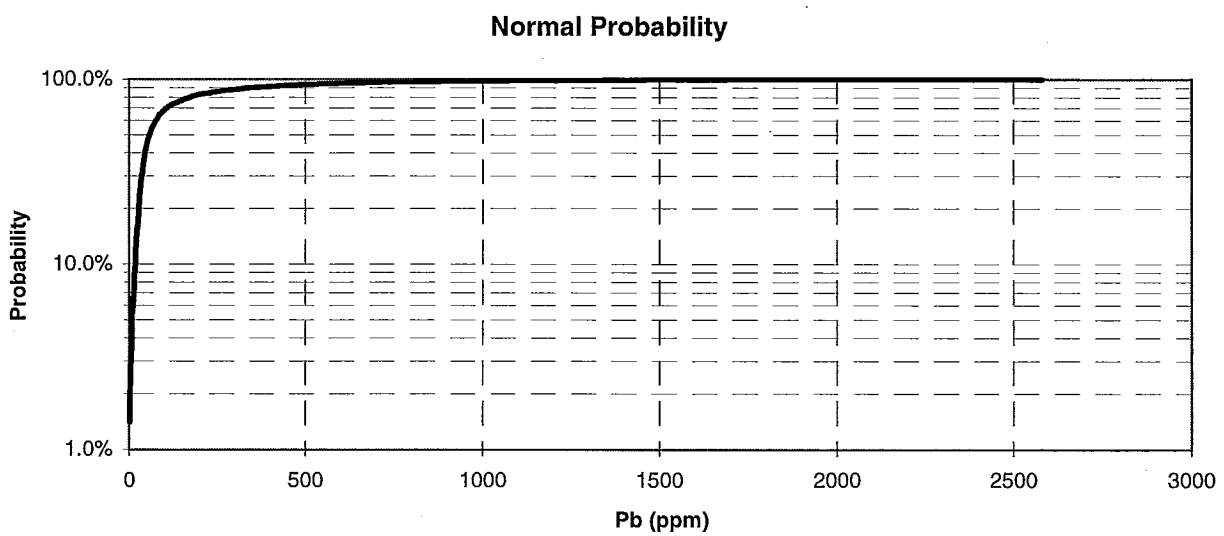
Pb (ppm)

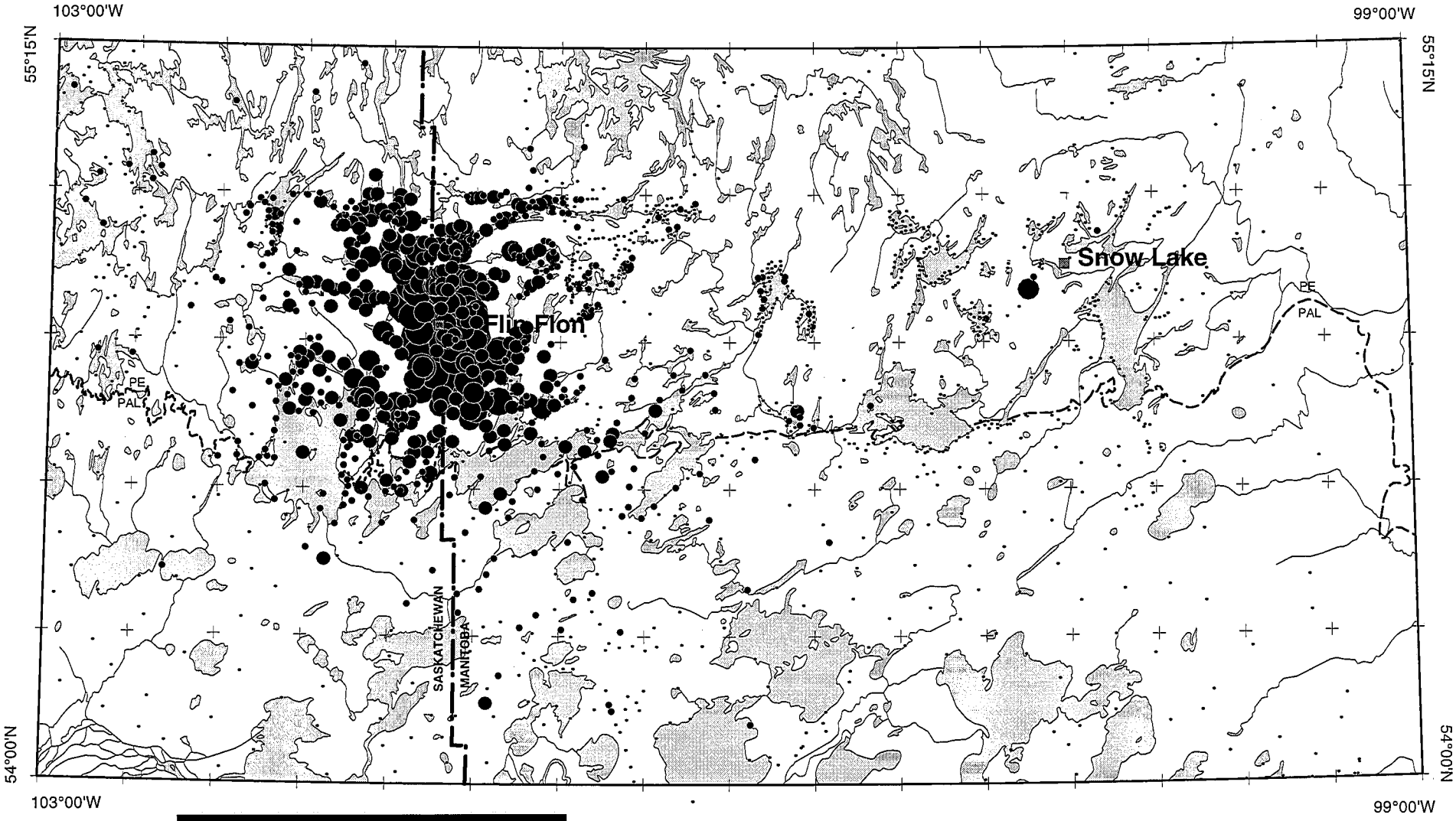
by ICP-AES

Descriptive Statistics	
Mean	140.03
Standard Error	5.94
Median	56
Mode	26
Standard Deviation	240.41
Sample Variance	57799.22
Kurtosis	22.831
Skewness	4.13
Range	2579
Minimum	1
Maximum	2580
Sum	229516
Count	1639
Confidence Level (95.0%)	11.64
Maximum	2580
99th percentile	1328
98th percentile	996
95th percentile	584
90th percentile	340
75th percentile	134
Median	56
25th percentile	30
5th percentile	8
Minimum	1









Lead in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
•	1	80	61.7	1011
•	80	170	79.6	293
●	170	420	91.9	202
●	420	716	96.5	75
●	716	1438	99.3	47
●	1438	2580	100	11

by Inductively Coupled Plasma

Pb (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

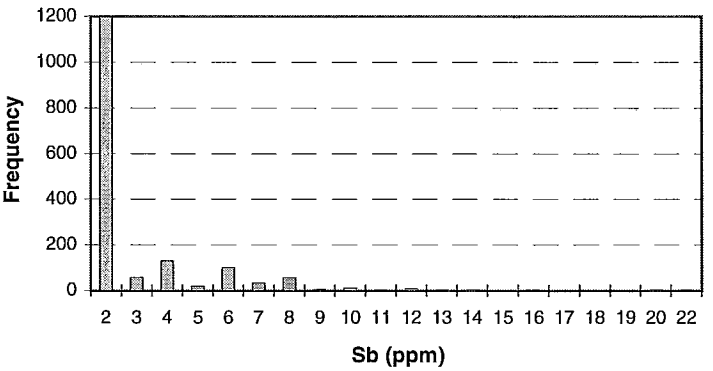
1 : 1 100 000

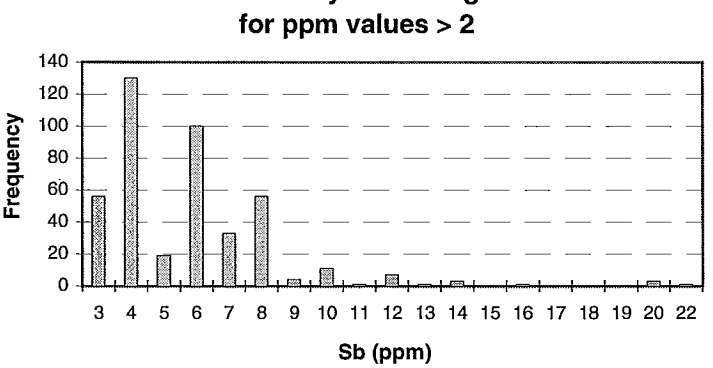
Humus geochemistry (<0.425 mm)

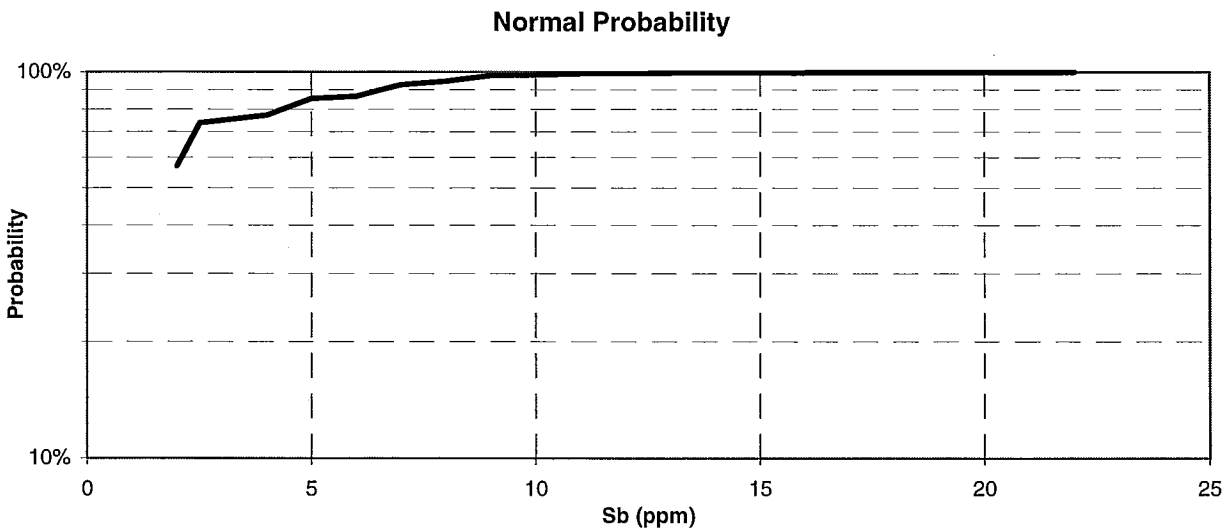
Sb (ppm)

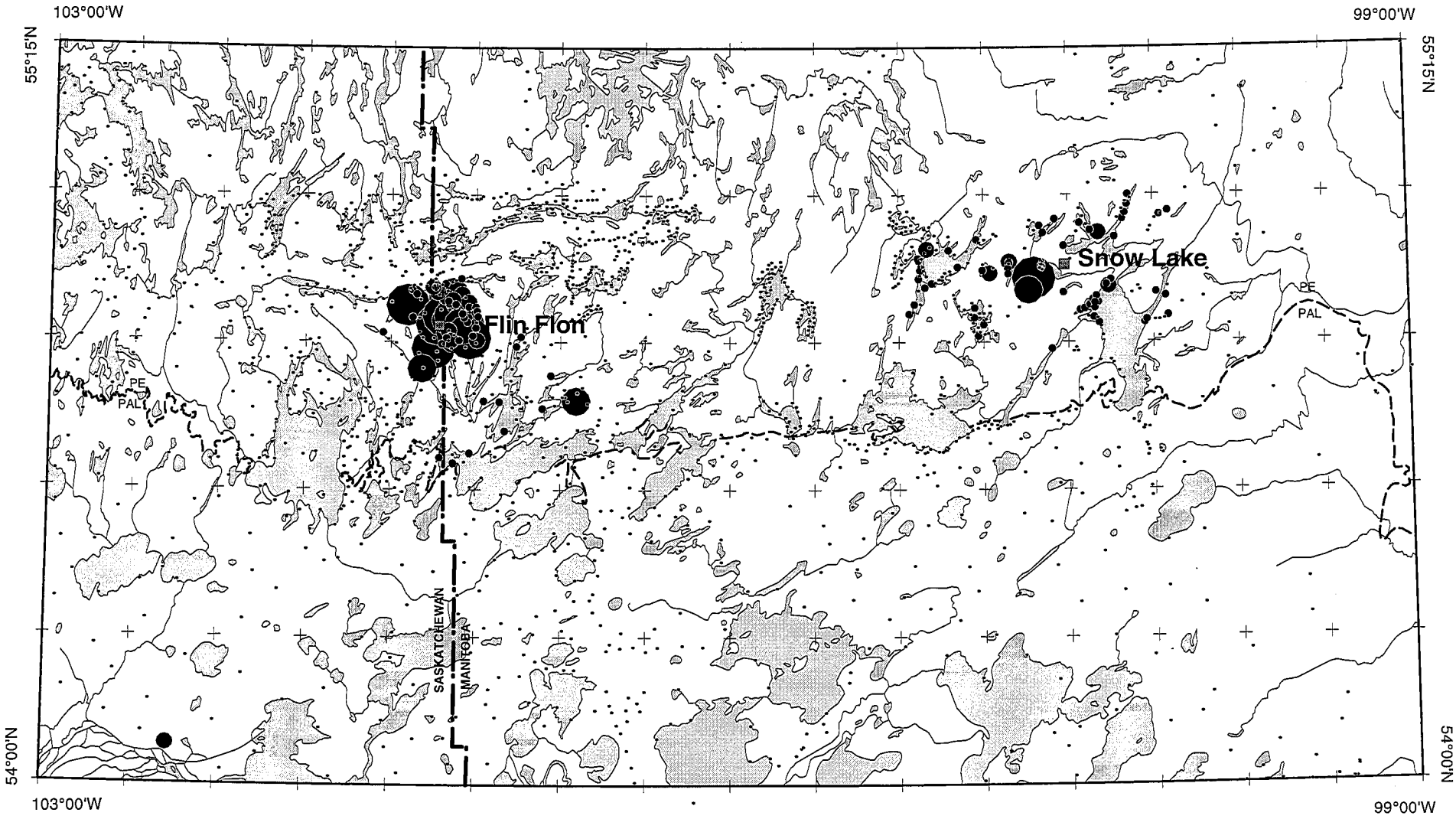
by ICP-AES

Descriptive Statistics	
Mean	2.40
Standard Error	0.06
Median	1
Mode	1
Standard Deviation	2.43
Sample Variance	5.93
Kurtosis	9.989
Skewness	2.61
Range	21
Minimum	1
Maximum	22
Sum	3897
Count	1623
Confidence Level (95.0%)	0.12
Maximum	22
99th percentile	11
98th percentile	9
95th percentile	8
90th percentile	6
75th percentile	2.5
Median	1
25th percentile	1
5th percentile	1
Minimum	1









Antimony in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
1	7	92.5	1502
7	9	98.0	89
9	11	99.0	15
11	14	99.5	9
14	22	100	8

by Inductively Coupled Plasma

Sb (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

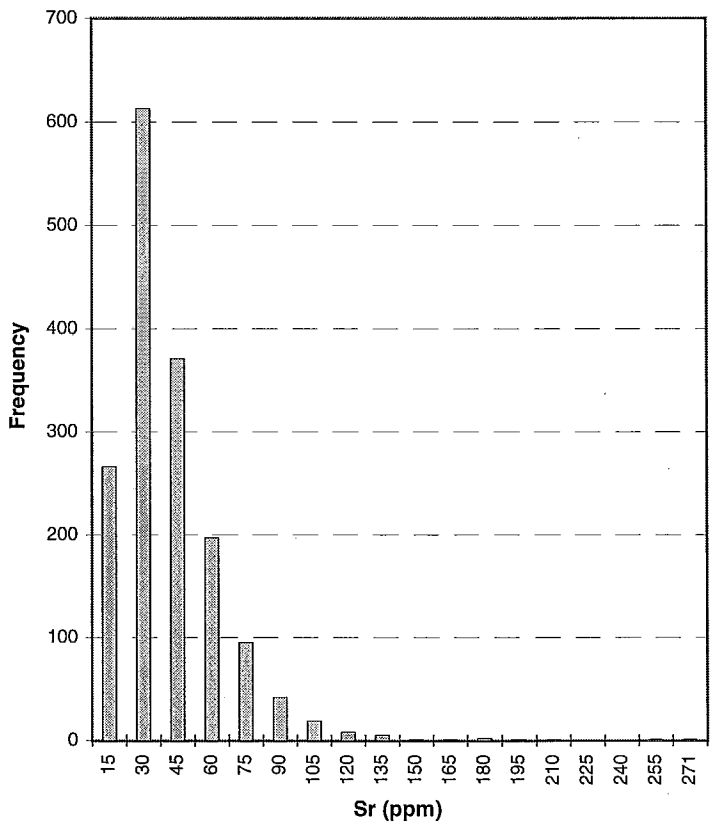
Humus geochemistry (<0.425 mm)

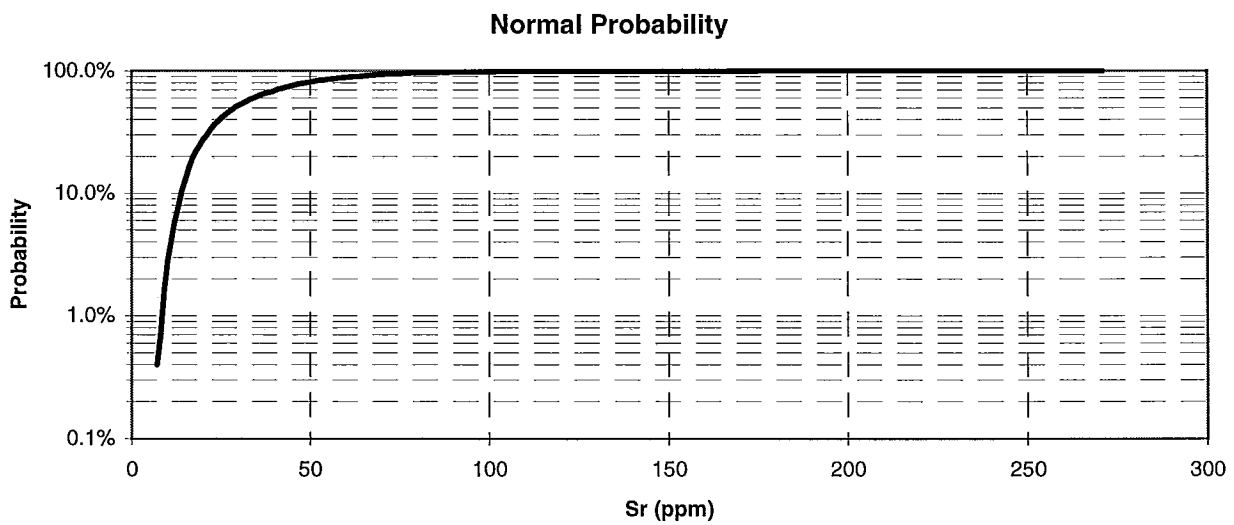
Sr (ppm)

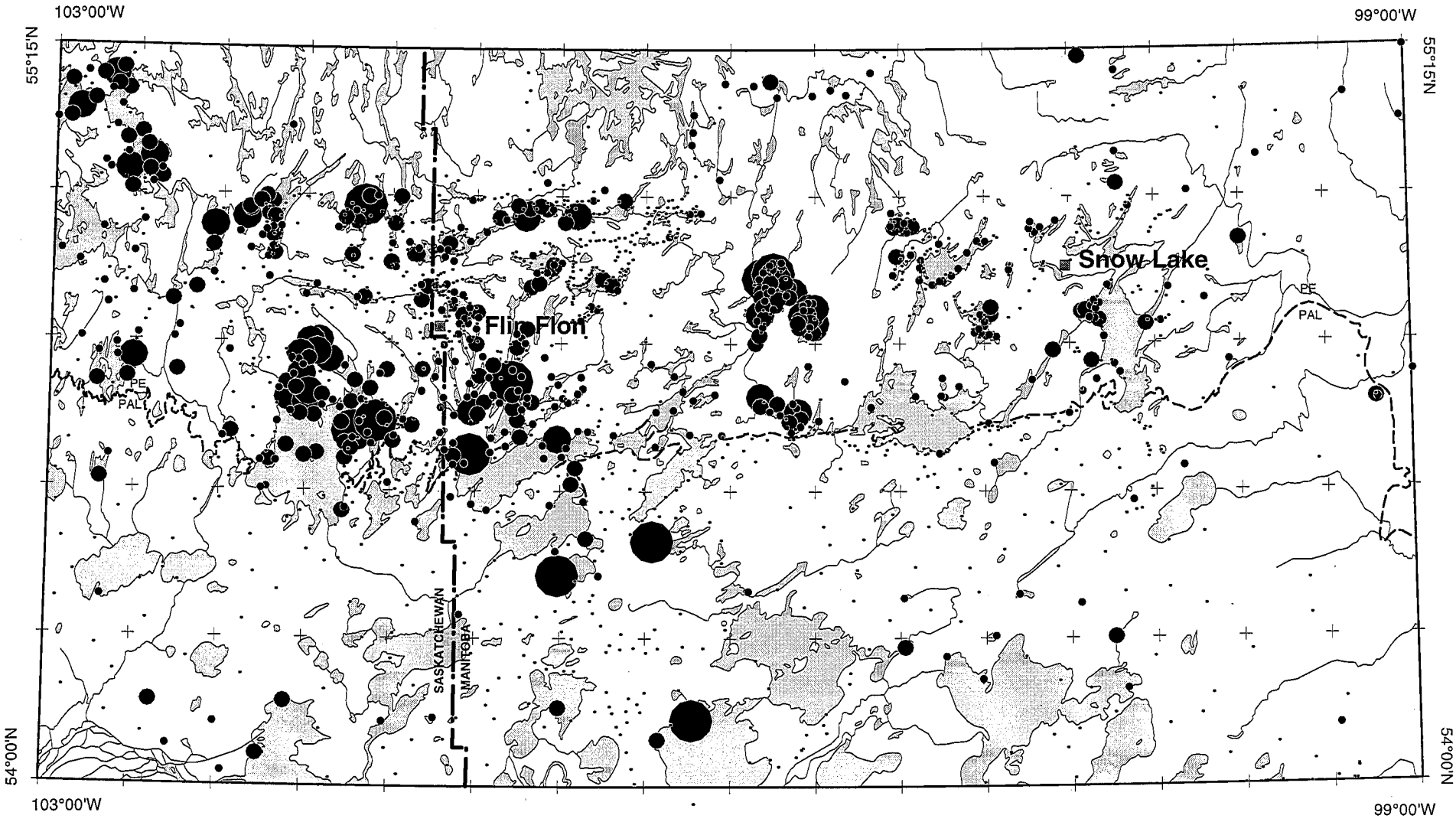
by ICP-AES

Descriptive Statistics

Mean	34.35
Standard Error	0.58
Median	28
Mode	15
Standard Deviation	23.28
Sample Variance	542.11
Kurtosis	15.756
Skewness	2.74
Range	265
Minimum	6
Maximum	271
Sum	55792
Count	1624
Confidence Level (95.0%)	1.13
Maximum	271
99th percentile	111
98th percentile	93
95th percentile	76
90th percentile	63
75th percentile	44
Median	28
25th percentile	19
5th percentile	11
Minimum	6







Strontium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	6	40	68.9	1119
•	40	60	88.5	318
●	60	90	97.5	146
●	90	130	99.4	31
●	130	271	100	10

by Inductively Coupled Plasma

Sr (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000

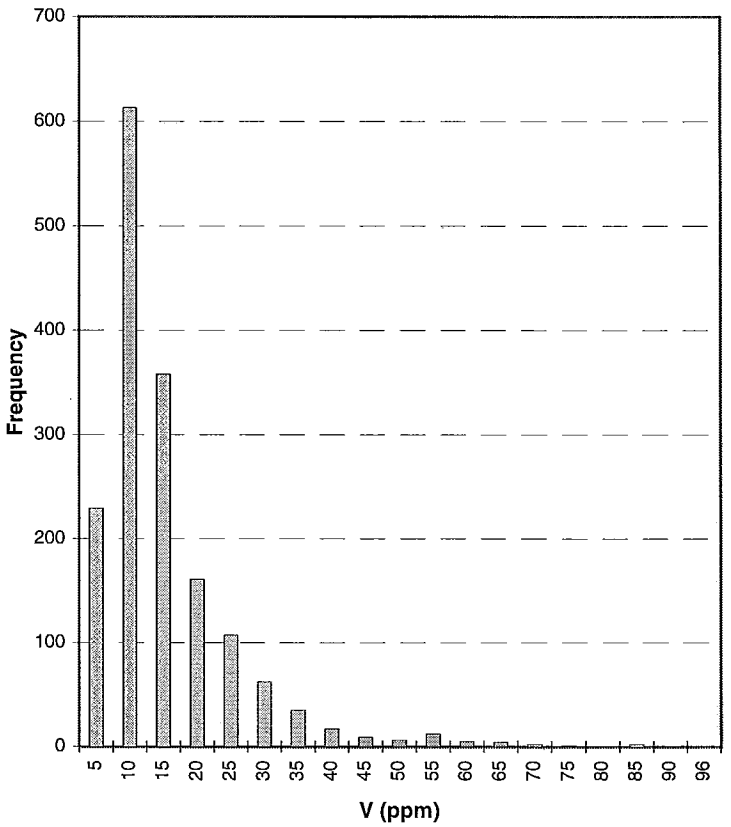
Humus geochemistry (<0.425 mm)

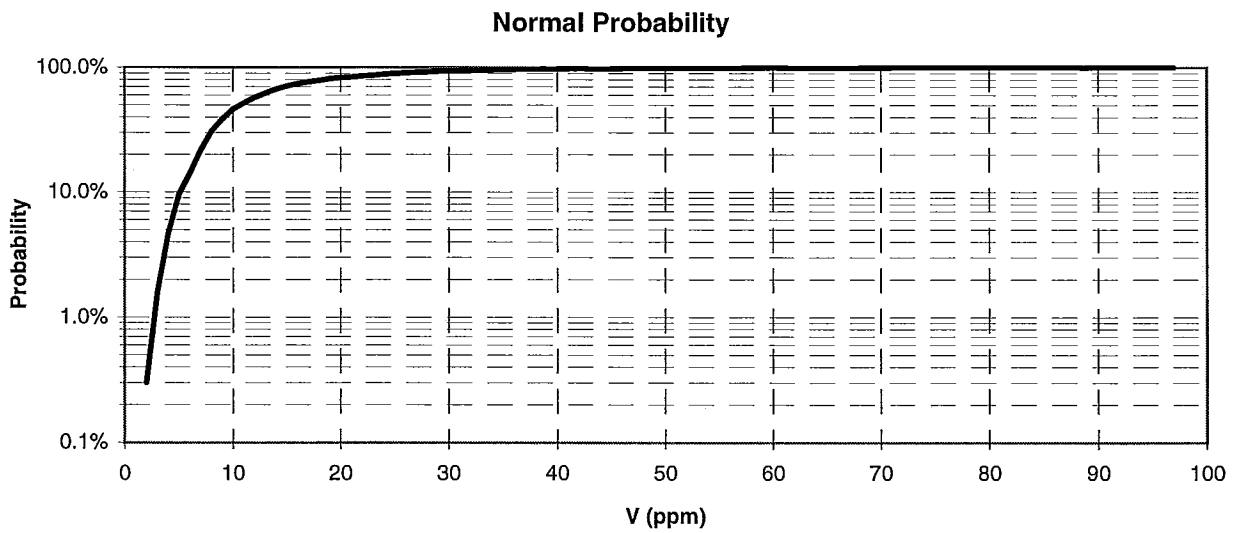
V (ppm)

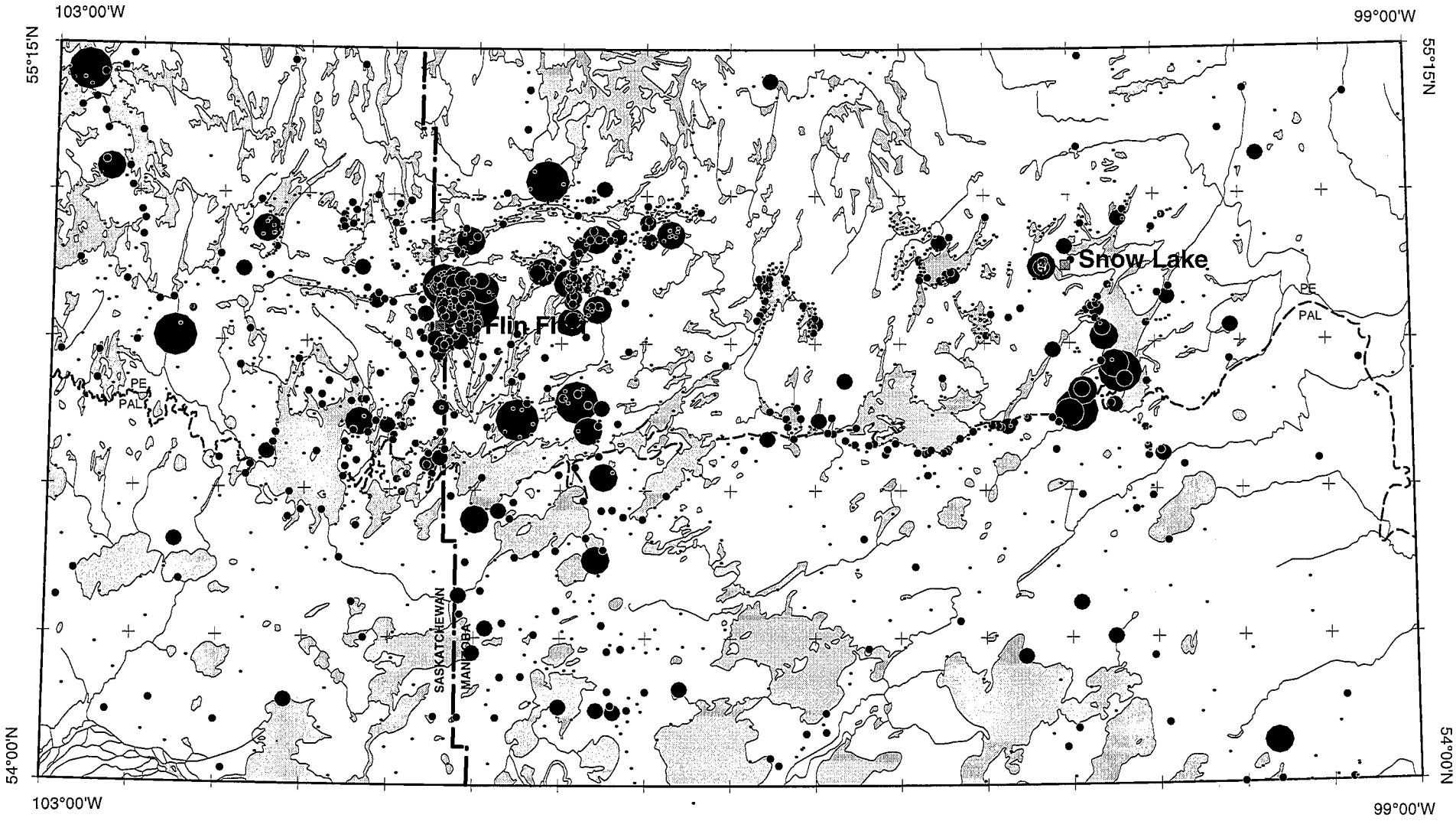
by ICP-AES

Descriptive Statistics

Mean	13.17
Standard Error	0.25
Median	10
Mode	7
Standard Deviation	10.25
Sample Variance	105.15
Kurtosis	9.965
Skewness	2.57
Range	96
Minimum	1
Maximum	97
Sum	21389
Count	1624
Confidence Level (95.0%)	0.50
Maximum	97
99th percentile	55
98th percentile	46
95th percentile	33
90th percentile	25
75th percentile	16
Median	10
25th percentile	7
5th percentile	4
Minimum	1







Vanadium in <0.425 mm

	MIN.	MAX.	%TILE	#SAMP
·	1	15	70.7	1148
•	15	30	93.8	375
●	30	45	97.9	67
●	45	60	99.4	24
●	60	97	100	10

by Inductively Coupled Plasma

V (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

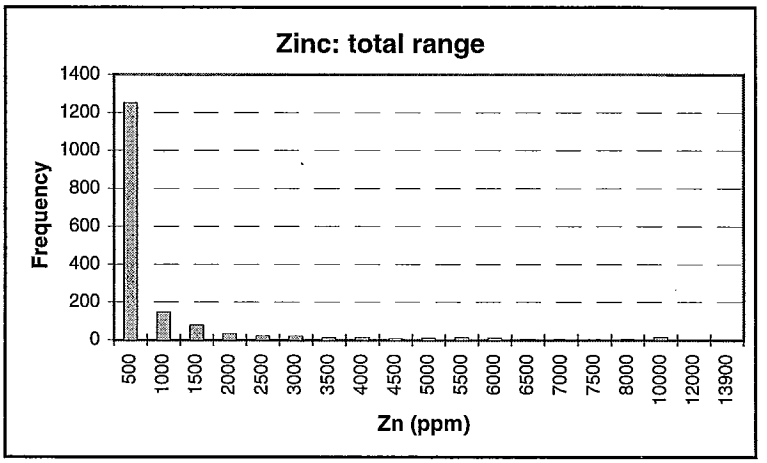
1 : 1 100 000

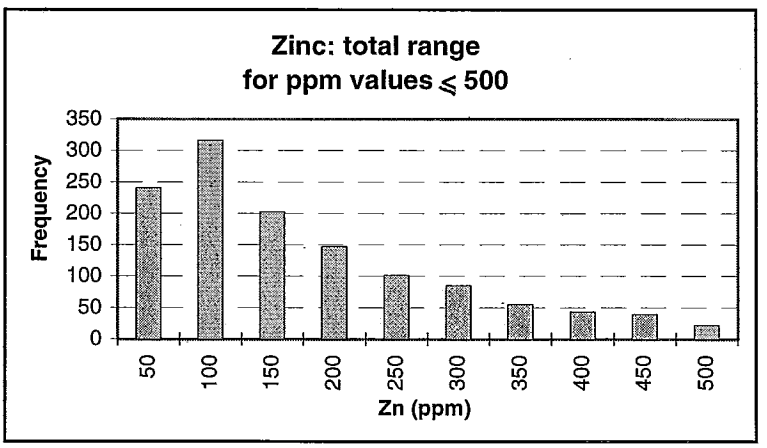
Humus geochemistry (<0.425 mm)

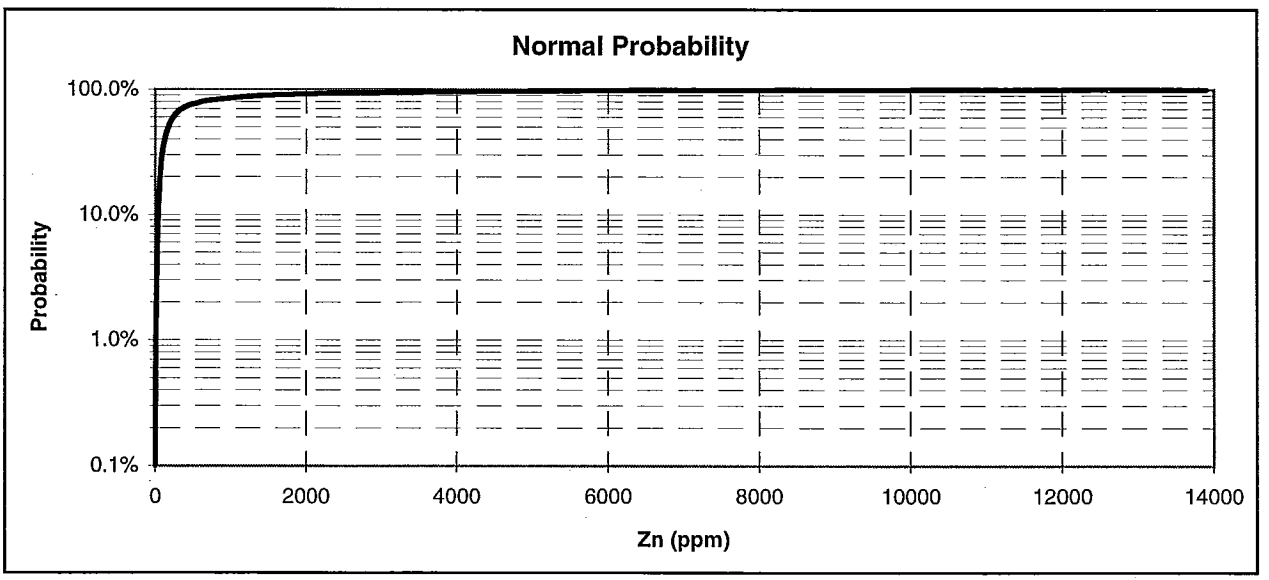
Zn (ppm)

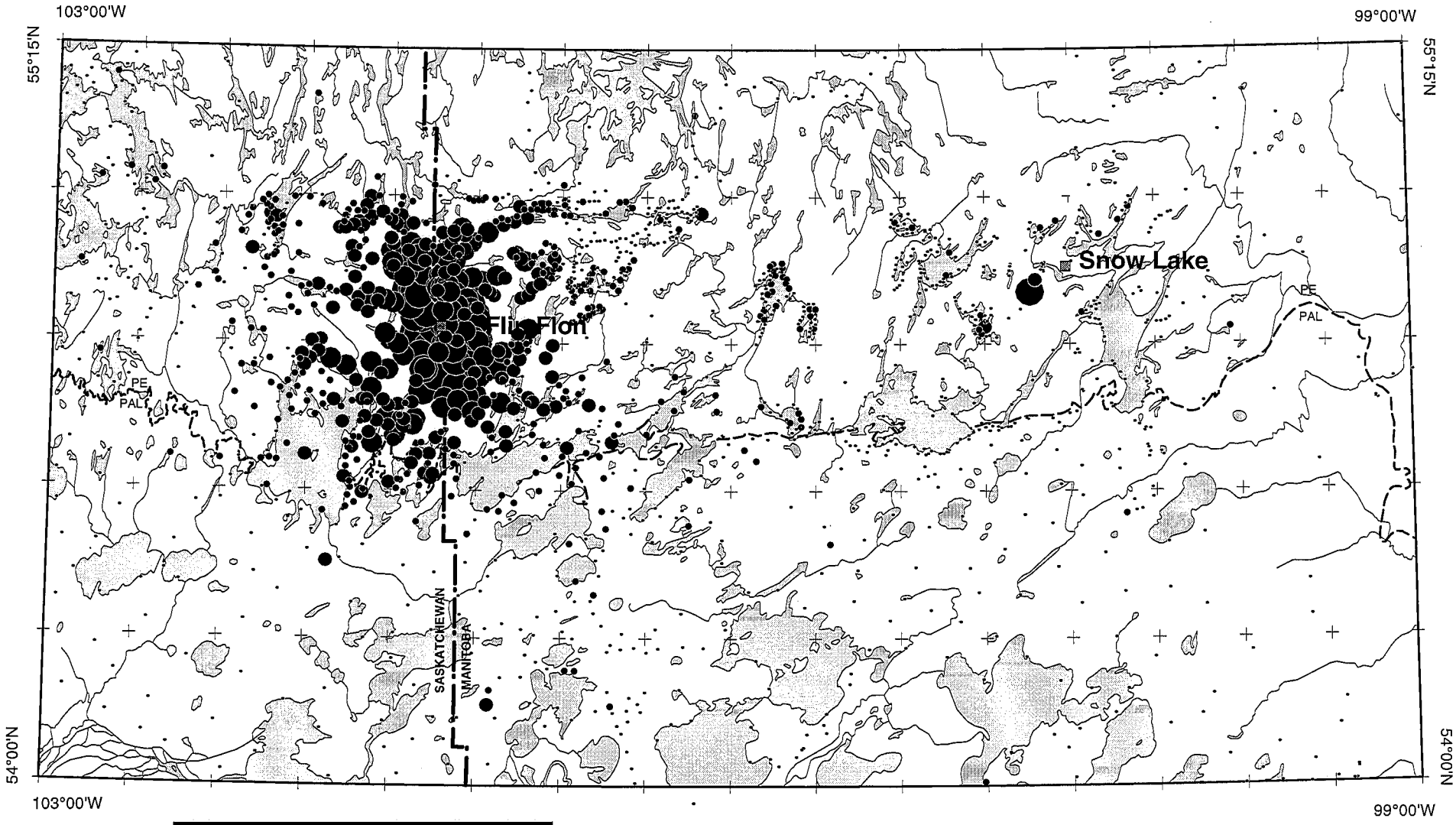
by ICP-AES

Descriptive Statistics	
Mean	647.83
Standard Error	35.01
Median	172
Mode	54
Standard Deviation	1417.43
Sample Variance	2009100
Kurtosis	21.271
Skewness	4.24
Range	13898
Minimum	2
Maximum	13900
Sum	1061789
Count	1639
Confidence Level (95.0%)	68.62
Maximum	13900
99th percentile	7908
98th percentile	5630
95th percentile	3380
90th percentile	1520
75th percentile	454
Median	172
25th percentile	74
5th percentile	26
Minimum	2









Zinc in <0.425 mm

MIN.	MAX.	%TILE	#SAMP
2	250	61.3	1004
250	698	81.3	329
698	1598	90.4	148
1598	4000	95.9	91
4000	7000	98.7	46
7000	13900	100	21

by Inductively Coupled Plasma

Zn (ppm)

HUMUS GEOCHEMISTRY

NATMAP SHIELD MARGIN AREA

Km 5 0 5 10 15 Km

1 : 1 100 000