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Till geochemistry results, central Baffin Island, Nunavut (NTS 37A, 37D, 27B, 27C)

L. A. Dredge

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Geological Survey of Canada Open File 4543
2004

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Introduction

A regional-scale drift sampling survey was carried out in central Baffin Island as part of a GSC-CNGO collaborative project to map and understand the geology of this part of Nunavut. Paleoproterozoic supracrustal rocks of the Piling Group, prospective for several different mineral deposit types (Scott et al., 2003), are extensively covered by Quaternary sediments. Drift sampling therefore provides a valuable tool for mineral exploration in this remote region.

The Quaternary geology component of the Central Baffin Project was designed to provide a regional framework for geologic interpretation, sustainable development, environmental management, and drift prospecting in NTS areas 27B, C, and 37A, D (Fig. 1). The field programme involved helicopter-assisted ground work, including surficial geology mapping at a scale of 1: 100 000, till sampling, clast identification, and measuring of ice-flow indicators. About 750 2-kg samples were collected for trace and major element chemistry, textural analysis, and carbonate determinations.

The purpose of this report is to release geochemical and clast lithology data from the till sampling programme. The data establish regional background concentrations of selected elements for resource development and environmental baseline studies; and indicate which areas have anomalous concentrations of elements that may be of interest to mineral exploration.

The report presents the regional geologic setting, including a brief overview of the Quaternary ice-flow history. Sampling methods, and laboratory procedures used for analyses and quality control are described. The appendices contain sample location information, results of geochemical analyses of the <0.002 mm (clay) size fraction analyzed by inductively coupled plasma – atomic emission spectrometry (ICP-AES), and of the <0.063 mm (silt + clay) size fraction analysed by instrumental neutron activation analysis (INAA), platinum group element results, quality control data, and summary statistics for each element. Grain size information, and data on pebble counts, useful for assessing glacial transport distances, have also been included.

Interpretative reports and surficial geology maps for this region, complementary to this data release, are published separately (Dredge, 1999, 2002a, 2003). A final report containing a more complete interpretation of the glacial and postglacial evolution of the region, and of the data presented here, will be published later.

Regional Setting

The project lies in the central part of Baffin Island, and extends from Foxe Basin in the west, across the Barnes Ice Cap, to the headlands of fiords along the coast of Baffin Bay in the east (Fig. 1). The area is part of a tilted surface rising towards the northeast. It can be divided into three broad physiographic regions: coastal lowlands adjacent to Foxe Basin, a central upland plateau forming the spine of Baffin Island, and a cliffed fiord coast along the northeast rim. Elevations range from near sea level on the islands in Foxe Basin and coastal areas around Wordie Bay in the southwest, to 1370 m in the

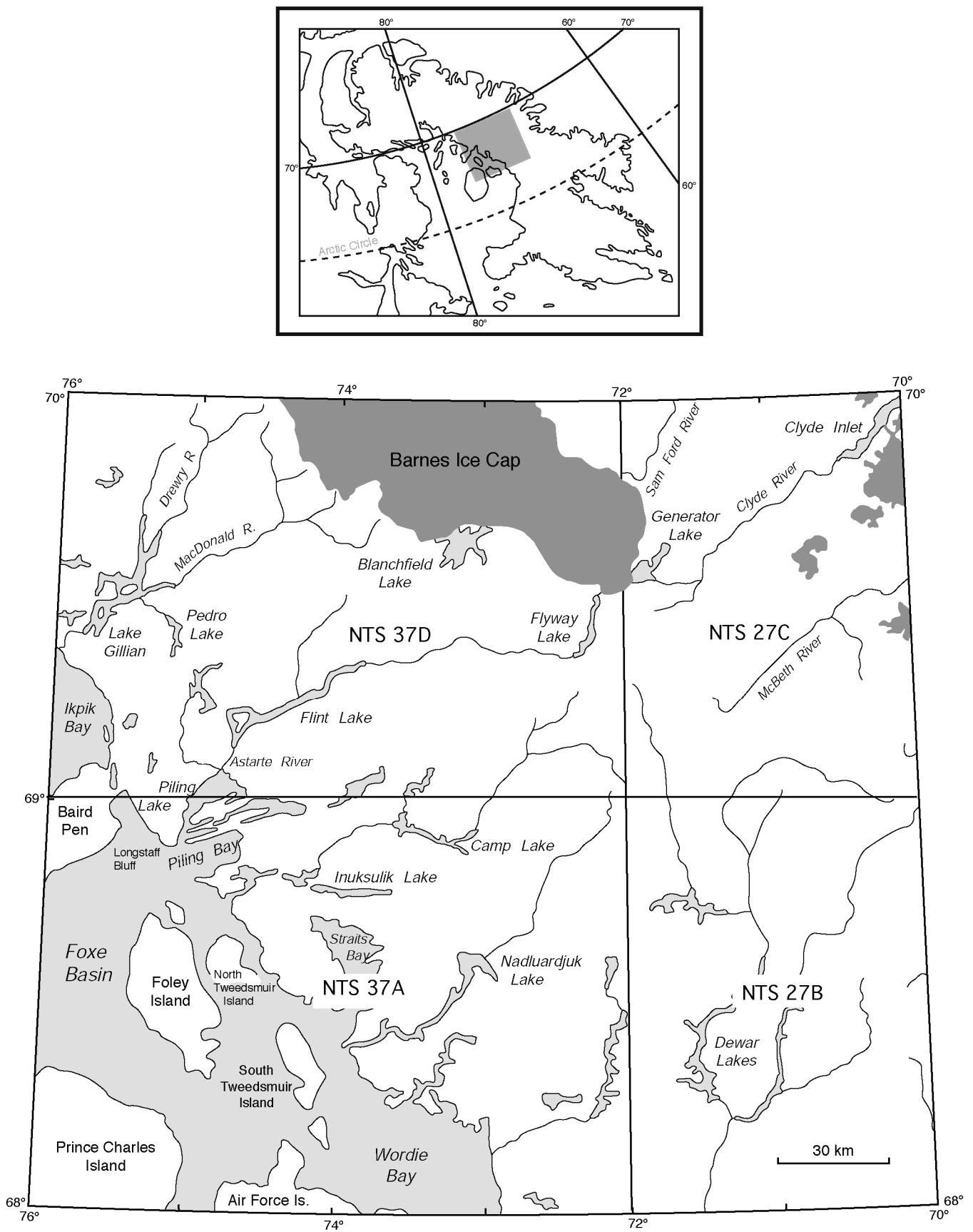


Figure 1 Location of the project area

northeast. The central plateau lies at an elevation of about 600 m in the north, and declines to about 420 near the southern limit of the map area. The south dome of the Barnes Ice Cap, and the main part of the central plateau lies at about 915 m, although the main glacier dome rises to 1060 m, and local ice caps above the fiords reach elevations of 1370 m. Most rivers and streams flow southwest into Foxe Basin. Only short streams, and the McBeth, Clyde, and Sam Ford rivers flow toward Baffin Bay.

The area lies within continuous permafrost. Summer thaw depths range from about <10 cm near the Barnes Ice Cap, to more than 2 m in wetlands near Foxe Basin. The depth of thaw, which is a limiting factor for sampling till, is commonly about 50 cm.

Bedrock geology and mineral potential

The area straddles the southeastern margin of the Rae craton on Baffin island (Scott et al., 2002, 2003). Major deformation and metamorphism occurred during the 1.8 Ga Trans-Hudson orogeny. Initial mapping of the north half of the map area by Morgan (1981) and Henderson (1985) broadly delineated a series of formations of Archean and Proterozoic age. Recent detailed mapping of a broader area (Scott et al., 2002, 2003; St-Onge et al. 2004) has increased coverage and has resulted in a more complete understanding of the bedrock geology.

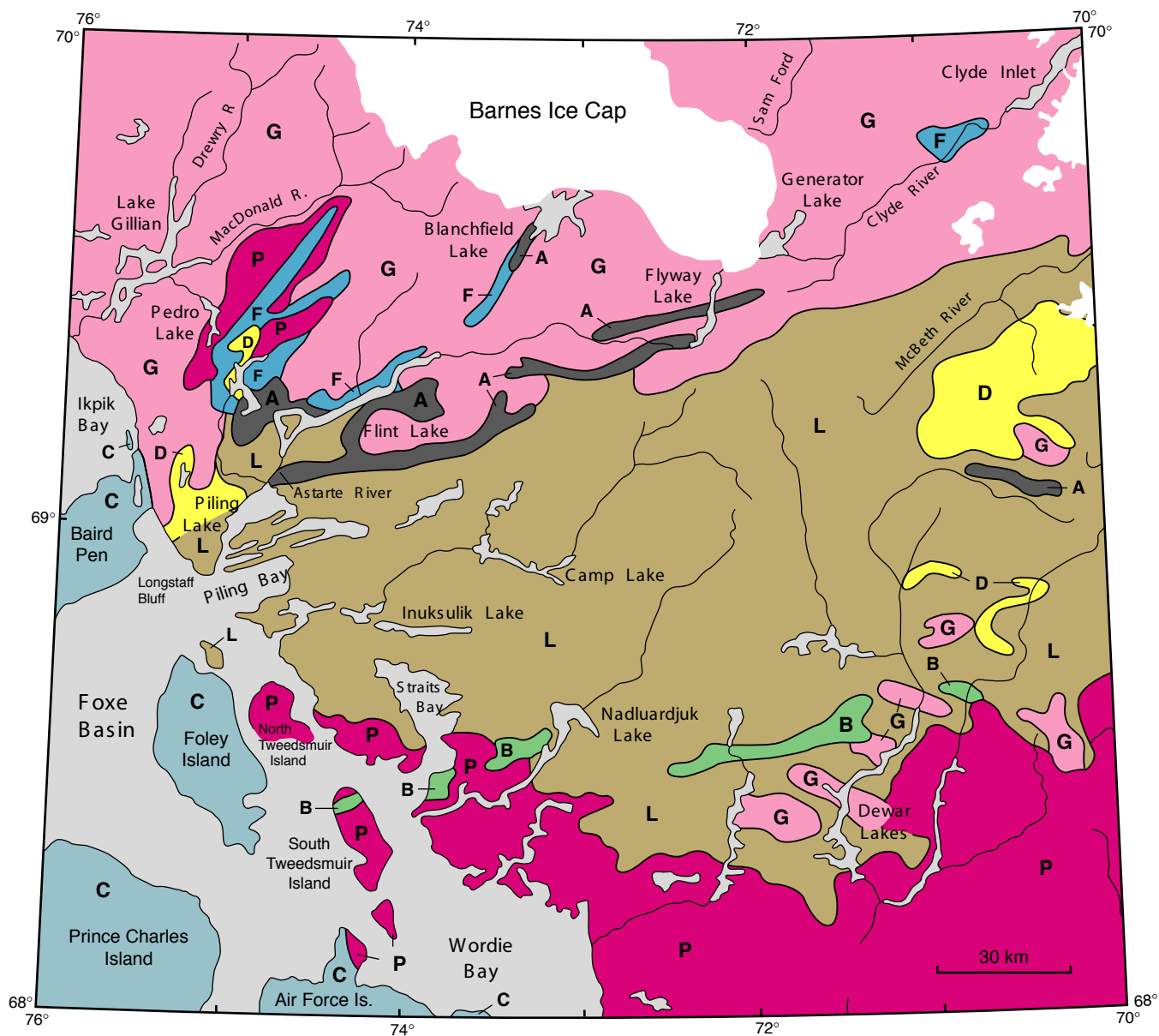
In summary, the northern part of the area contains Archean granitic and gneissic rocks of the Rae Craton (Fig. 2), and includes minor psammitic and amphibolite units of the Mary River Group (Scott et al., 2003). A central belt, called the Piling Group, represents a continental margin succession containing both supracrustal and volcanic rocks. The stratigraphically lowest unit of quartzite (Dewar Lakes Formation) is overlain by dolostone and marble (Flint Lake Formation). Mafic to ultramafic volcanic bodies and sills (Bravo Lake Formation) occupy the same relative stratigraphic position as the carbonate beds, and are confined to the southern part of the map area. Both the Flint Lake and the Bravo Lake Formations are overlain by rusty weathering graphitic pelite containing pyrite and pyrrhotite (Astarte River Formation). The uppermost unit of the Piling Group comprises a thick sequence of psammite and semi-pelite, with minor calc-silicate pods (Longstaff Bluff Formation) deposited as a molasse. Proterozoic plutonic rocks intrude the Piling group. The largest body consists of K-feldspar megacrystic monzogranite of the Cumberland batholith in the southernmost part of the map area. Small syenogranite pegmatite bodies containing muscovite occur throughout the area, particularly north of Longstaff Bluff and east of Wordie Bay. Northwest-trending diabase dykes of the Franklin swarm are also common.

The Proterozoic rocks hold potential for a variety of mineral deposit types (Scott et al., 2003), including Zn (Flint Lake Fm), SEDEX base metals (Astarte Fm), Ni-Cu-PGE (Bravo Lake Fm), Pb-Zn-Ag and Au (upper Dewar lakes Fm), and Sn-Ta (Longstaff Bluff Fm). Areas to the north of the project area are currently being prospected for diamonds.

Baird Peninsula, and the flat-lying islands in Foxe Basin are underlain by Paleozoic limestone and dolostone.

Quaternary geology

Mapping in this area began with the work of the Geographical Branch, when V.W. Sim (1964) showed the distribution of surface materials and glacial features at a scale of



Paleozoic

C Limestone

Paleoproterozoic

P Granite and gneiss

L Longstaff Bluff Fm. } Piling Gp.

A Astarte River Fm. }

Paleoproterozoic cont'd

B Bravo Lake Fm. }

F Flint Lake Fm. } Piling Gp.

D Dewar Lakes Fm. }

Archean

G Granite and gneiss

Figure 2. Generalized bedrock geology (after St-Onge et al., 2004, Open file 4482)

1:500 000 for NTS areas 37A and 37D. Systematic, more detailed field work across the entire report area in 1998, 2001, and 2002 during the collaborative GSC-CNGO project resulted in a set of surficial geology maps at a scale of 1:100 000 (Dredge, 2003a-I), and short papers on glacial history and emergence (Dredge, 1999, 2002a). Between these two projects, an extensive lake sediment sampling programme was executed (Friske et al., 1999).

Ice flow history

Early field work (Andrews and Sim, 1964), recent cosmogenic dates (Coulthard et al., 2003) and ice-mass models have suggested a major flow of glacier ice across Baffin Island from Foxe Basin before and during the last glacial maximum (LGM). Tippet (1985) and results of field work from this project indicate that an ice stream carried carbonate drift across the peninsula from Wordie Bay to Ekalugad Fiord across relatively low terrain, but that limestone indicators relating to Foxe Ice do not extend far inland in other areas. It is possible that Foxe ice was cold-based for most of the LGM. Striations (Fig. 3), indicator erratics, and landforms suggest later glacial flow from a Baffin ice centre. The prevalence of weathered rock, lack of ice-scoured lake basins, and absence of striations on the central plateau suggests that the island spine was a major ice divide, and that ice flowed out towards the two coasts. Baffin Ice may have been cold-based much of the time, producing rubble fields indicative of short-distance glacial transport. Striations, roches moutonnées and sharply defined swaths of eroded bedrock indicate that Baffin-centred ice was warm-based at some places and at some times, transporting till for greater distances. Crossing striations indicate that the ice-flow centre gradually shifted northwestwards towards the present Barnes Ice Cap, and that ice tongues located in valleys flowed towards both coasts during ice recession.

Deglaciation began more than 9200 years ago (GSC-707) in the eastern outer fiords. Massive upland end moraines (Cockburn Moraines) developed along the eastern part of the field area, crossing the heads of fiords about 8000 years ago (I-1932 Clyde Fiord; I-1602 Inugsuin Fiord; Fig. 4), when sea level was about 50-60 m above present. The Foxe Basin coast became ice-free about 6700 years ago (I-406 at 90m; Sim, 1964) when sea level stood at 110 m. Other large end moraines on the plateau, ice-dammed glacial lakes with sublacustrine moraines, and stacked sets of meltwater channels trace the pattern of ice recession towards and along the central plateau, and the recession of ice tongues from major valleys towards the Barnes Ice Cap.

Lichen-free zones on the east side of the field area and around the west side of the Barnes Ice Cap denote areas of snow and icefields during the Little Ice Age.

Surficial Materials

Figure 4 is a generalized surficial materials map based on the detailed maps listed in the references (Dredge, 2003).

Rock outcrop

Rock outcrop forms extensive surfaces in the northern and southern parts of the region, where granite and gneiss are the dominant lithologies. Fresh cliff faces form the walls of the deep valleys opening into the eastern fiords, and along the Drewry River, McDonald River, and arms of Gillian and Flint Lakes. Glacially scoured bedrock surfaces form linear swaths along the Sam Ford, Clyde and McBeth Rivers east of the Barnes Ice Cap.

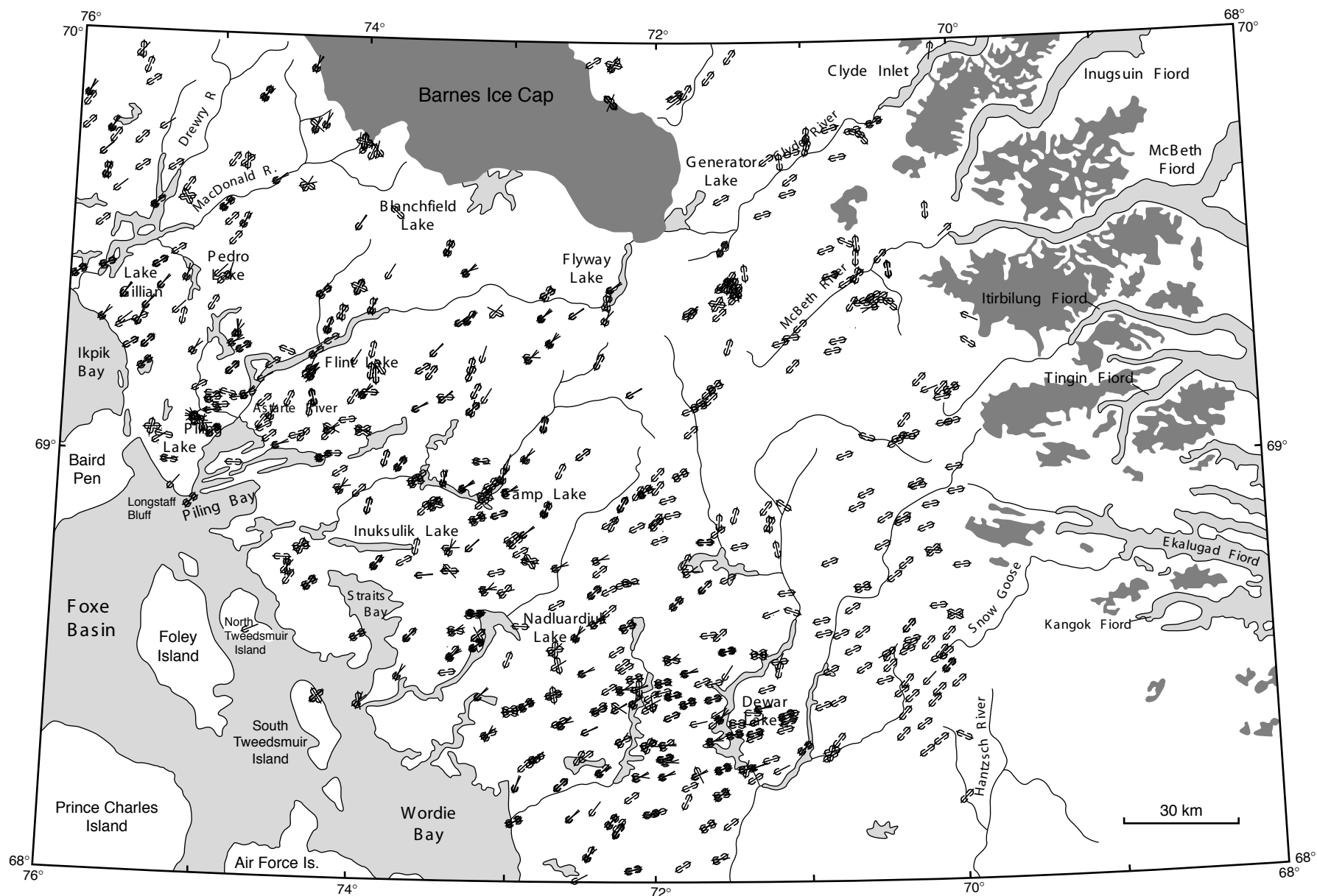
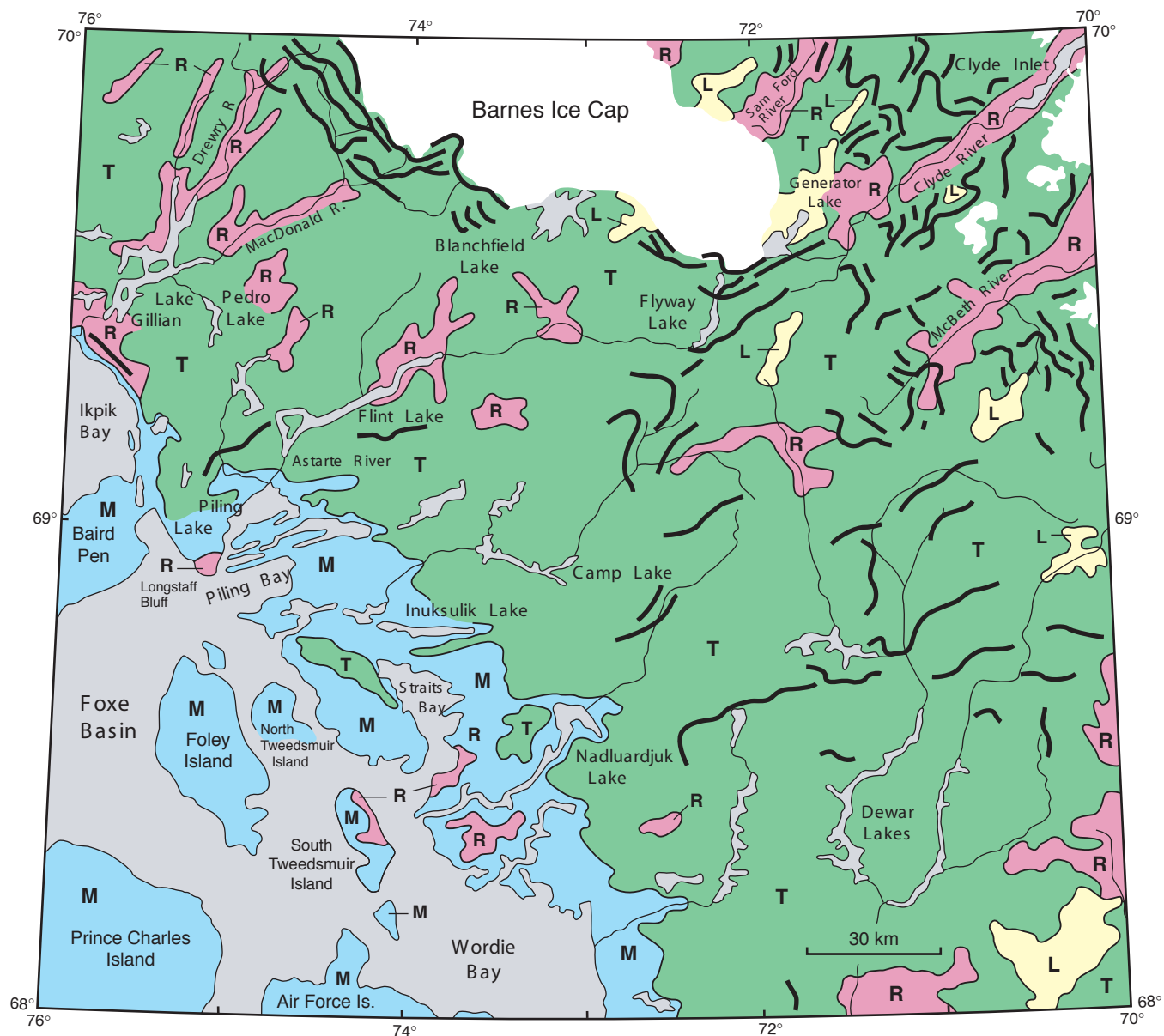


Figure 3. Ice flow indicators



Surficial materials

— Moraine belts

M Marine sand and silt

L Glaciolacustrine sand

T Till diamicton

R Bedrock outcrop

Figure 4. Surficial materials

East-west trending outcrops are common along valley walls and scarps within the Piling Group west of the central plateau. Rock outcrop in the south-central area is substantially weathered, and the weathering byproducts lie over outcrop surfaces.

Till

Till covers most of central Baffin Island. For this project the till has been divided on the basis of thickness into till veneer (Tv on the maps), till blanket (Tb), hummocky till (Th), and major moraines (Tm). The till surfaces are covered with mudboils, the features used for geochemical sampling. Till veneers are thin (<2 m thick) and discontinuous covers of till containing substantial amounts of rock outcrop. Underlying rock structures are visible. This till unit tends to be more stony or bouldery than till blanket deposits, and has probably been glacially transported for shorter distances. Till blanket units form rolling terrain with till thicknesses ranging from 2 to 10 m. Small outcrops protude through the till cover in some places. Hummocky till and major moraines occur primarily in the northeast and central parts of the map area. The moraines are commonly >20 m thick, and mark recessional positions of the Baffin Ice mass. Large ice-wedge polygons and solifluction lobes on these surfaces suggest buried ground ice or relict glacial ice in the subsurface. The location of smaller end moraines and sublacustrine moraines are shown on the 1:100 000 scale maps of the region by symbols.

The character of the till is directly related to rock types and ice dynamics. Sharply defined changes from scoured rock to till blankets are indicative of changes from erosive to depositional basal ice regimes. Except for the Wordie Bay carbonate train, an indicator of long distance transport, the till reflects closely the composition of the underlying bedrock. Till over granite and gneiss tends to have a sandy matrix with relatively few fine materials. Boulderfields are common in the northern landscape, and mudboils are poorly developed where fine material is lacking. Till over the Piling Group rocks has a silty sand matrix and well-developed mudboils. Boulder content is generally low, but some boulderfields have developed by frost riving where cleavage angles and bedding planes are near vertical. Boulderfields or weathered surfaces with grus are common in the south in areas underlying the Baffin Ice divide, where basal ice transport was minimal.

Kames and outwash

Kame deposits are scarce in the area, but gravelly outwash is prevalent along major river valleys in the northern half of the map area.

Glacial lake deposits

Glacial lake deposits occur where meltwater was ponded between heights of land and the ice margin on the eastern side of the study area. The deposits consist of drapes of sand or silt less than 2 m thick, interspersed with small (sublacustrine) moraines in the north, particularly around the existing Barnes Ice Cap. In the southeast, the lacustrine deposits within glacial lake basins are very thin, and most of the material consists of washed till surfaces with boulder lag deposits.

Postglacial marine deposits

On the west side of Baffin Island, raised marine deposits cover the islands in Foxe Basin and Baird Peninsula, and extend inland from the east coast for distances of 1 to 4 km in the north, and as much as 30 km inland in the south. Widespread marine deposits form lowland wetlands having a substrate of stony silt and sand, but flights of flaggy limestone or granitic cobble beaches flank large scarps that trend parallel to the west side of the

island. Marine deposits extend to an elevation of 110 m near the west coast but only to about 60 m ASL at Nadluarjuk Lake farther inland. On the east side of the island marine deposits are limited to the heads of fiords, where they form terraces and deltas of clayey silt and sand. These occur up to an elevation of 68 m within the map area, but most are below 30 m ASL.

Methodology

Sampling methods

A survey strategy was devised to obtain representative, approximately evenly spaced samples from across the entire study area, a general practice in reconnaissance surveys (McMartin and McClenaghan, 2001).

Samples of 2 kg size were collected for trace, major and minor element geochemistry. Till was used as the sampling medium, and samples were taken from the walls of pits dug into mudboils. Most samples were taken from depths ranging from 20 to 50 cm. Care was taken to avoid obvious oxidation or organic layers. The frost churning that creates mudboils brings up fresh material from unoxidized subsurface sediment and homogenizes material throughout the mudboil. Studies by Schau (1983) and Pehrsson (2002) on mainland Nunavut indicate a close relationship between the chemical composition in the mudboils and that of the underlying bedrock. The same relationship between till and bedrock should apply to most of central Baffin Island, where local tills are prevalent.

A total of about 764 samples were collected for till analysis over an area of about 45 000 km² during the field seasons of 1998, 2001, and 2002. Sample locations are shown on Figure 5, and co-ordinates are given in Appendix I. Additional samples were taken in areas where gossans were mapped. In particular, gossanous material and adjacent unweathered till pairs were sampled so that fresh samples in areas of potential mineralization could be examined (cf Dredge, 2002b). The gossan samples are listed with a "G" suffix in the data tables. In addition to matrix sampling, sets of 50 pebbles, each ranging in size from 1 to 4 cm, were collected from mudboils sampled for geochemical analysis, and were classified according to lithology.

Laboratory preparations and analytic procedures

Preparations in the Terrain Sciences Sedimentology Laboratory follow those described by Klassen et al. (2000), and detailed sampling and analytic procedures have been described by McMartin and McClenaghan (2001). For this project, two size fractions were analysed: the clay fraction (< 0.002 mm), and the silt + clay fraction (<0.063 mm).

The clay size is especially useful for detecting elements such as Cu, Pb, and Zn (Klassen, 2001), that occur preferentially in clay sizes, and for those elements that occur in rock types, such as pelites, that are glacially ground to clay-sized material. In addition, glacially produced lattice irregularities in the clay-sized minerals, even non-phyllsilicates, tend to adsorb cations better than coarser materials, thus accentuating the concentrations of metals, and emphasizing the contrast between background and anomalous concentrations of elements. The silt + clay fraction was used to pick up elements that do not occur in the clay fraction (e.g. Au), or for samples that contain

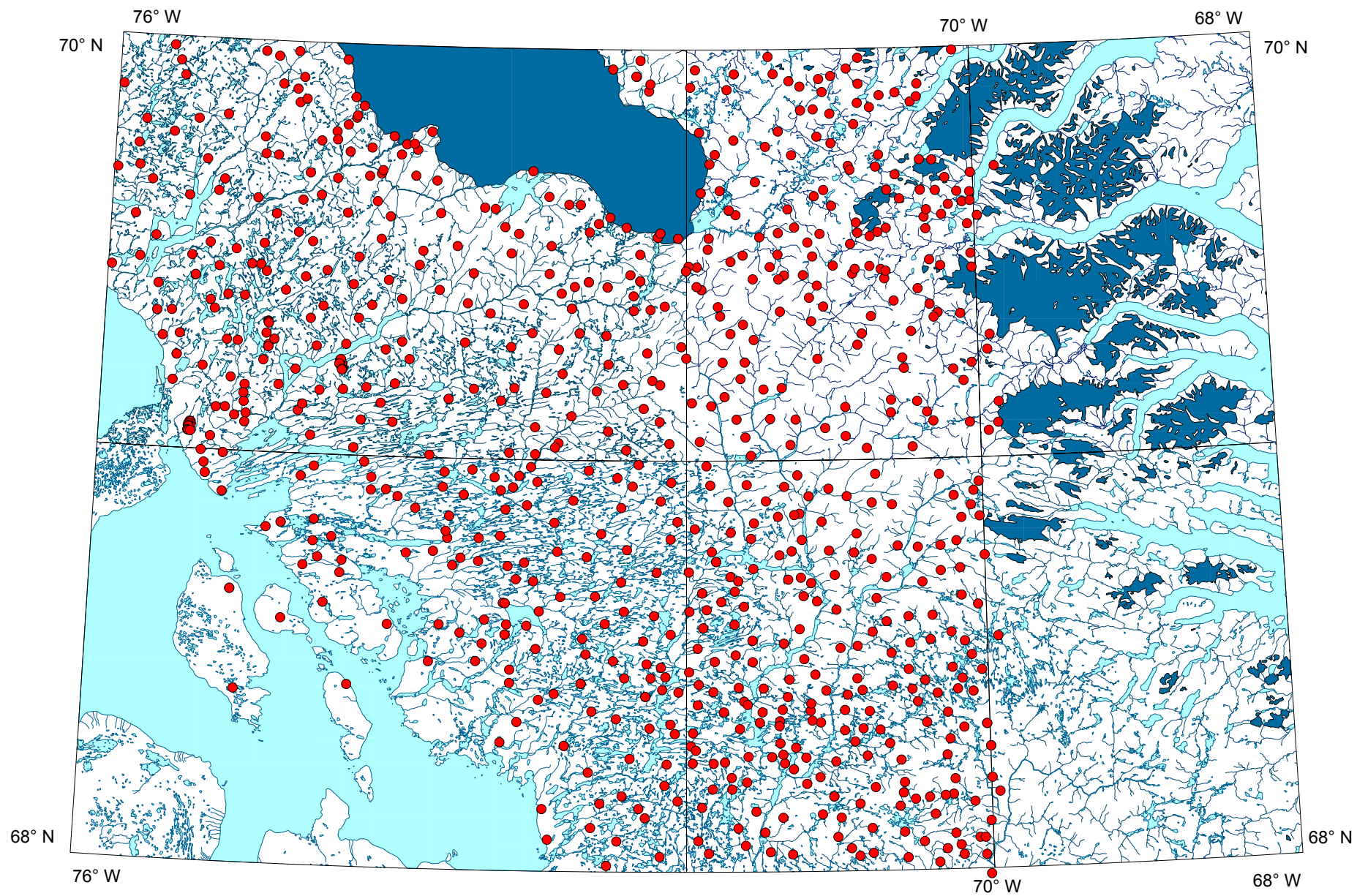


Figure 5 Location of till samples

insufficient clay material. This size fraction is the one most commonly chosen by industry.

Detection limits for elements are shown in Table 1, and results for both the ICP analyses and the INAA analyses are presented in the appendices. Element concentrations below the detection limit are listed in the appendices at half the detection level for the calculation of summary statistics.

ICP analyses

500-gram splits from bulk till samples were centrifuged and decanted to obtain the clay-sized (<0.002 mm) fraction. 5-gram aliquots of the clay material were then analyzed for selected trace and major elements using inductively coupled plasma – atomic emission spectrometry (ICP-AES) at ALS Chemex laboratory, Mississauga, Ontario. All the clay-sized samples were digested in an aqua-regia solution (3HCl:1HNO₃) prior to analysis in order to break down organic matter, salts, phyllosilicates, sulphides, and most silicates; this digestion may be incomplete for aluminum, barium, beryllium, calcium, chromium, gallium, lanthanum, magnesium, potassium, scandium, sodium, strontium, thallium, titanium, and tungsten. Analytic results and related statistics are reported in Appendices II, III, and IV. In all samples, tungsten was below the detection limit. Phosphorous results are erroneous due to the addition of sodium metaphosphate as a deflocculant.

For 133 selected samples, gold, platinum and palladium concentrations were analyzed by fire assay – ICP-ES on the <0.063 mm fraction at the ALS Chemex lab. Most of these samples overlie or surround the Bravo Lake Formation.

INAA analyses

The silt+clay size fraction (<0.063 mm) of the till was prepared by dry sieving at the GSC and sent to Activation Laboratories Ltd., Ancaster, Ontario for irradiation and analysis using Instrumental neutron activation analysis (INAA) on approximately 30 gm aliquots. This method is particularly sensitive for rare earth elements (La, Ce, Nd, Sm, Eu, Tb, Yb, and Lu), and Sc, Co, Cr, Cs, Hf, Ta, Th, U, and Au. Geochemical results for 35 elements are presented in Appendices V and VI. For all samples, Hg, Ir, Ni, Sn and Sr concentrations were below detection limits.

Pebble lithologies

Clasts from the surfaces of mudboils were classified into eight different rock types that were easily recognized in the field. These data, shown in Appendix IX as percent counts, aid in the interpretation of the geochemical data, and in assessing till transport distances.

Textural data

Textural analyses on samples were completed by dry sieving sample splits for the size range between 4 mm and 0.063 mm. Silt and clay fractions were determined with a particle size analyzer (Klassen et al., 2000). The results are given in Appendix X.

Other analyses and sample archiving

Additional analyses, not included in this report, were performed on the till samples.

1) Carbonate analysis. 3-gram aliquots of the <0.063mm fraction were used to determine inorganic and organic carbon using a Leco Cr-412 analyzer. An interpretation of the carbonate results will be presented separately.

2) In addition to ICP and INAA analyses, all till samples were analysed for U, Th, and K by gamma ray spectrometry. Comparative results between laboratory determinations of various size fractions, and with airborne and ground spectrometry data will be presented in a separate report.

3) About 500 g of each bulk till sample were archived.

Quality control

Accuracy of geochemical analyses was monitored using GSC till standards (TCA 8010), and the CanMet certified standards (Till-2, Till-3) according to procedures established by the GSC Sedimentology Laboratory (Klassen et al., 2000). The standards were inserted into the sample set at regular intervals. Analytic precision was established by analysis of sample duplicates (subsplits). Several field sites from 2001 were also resampled in 2002, and the results were compared with those analysed the previous year. Quality control results are listed in Appendices VII and VIII.

Accuracy is good for most elements, and standards are within acceptable limits, although there is a consistent downward drift of about 15% in element concentrations in the ICP-AES analyses for this project, relative to the independent standards. Accuracy is good for INAA results on most elements that are above their minimum detection limit, and are within 15% of expected values. However, arsenic values are consistently slightly above standard values, and nickel and zinc show considerable variation in consecutive runs of the standard.

Analysis of duplicate splits from the till samples are generally in good agreement with the originals for elements above detection limits. The duplicate ICP-AES results suggest that precision is low for Bi, Ga, and for elements near the lower detection limit, specifically B, Cd, Hg, Sb, Tl, Pd, U, and W. The precision is good for other elements. INAA duplicates indicate that precision is good for most elements, but that Mo, Ni, Tb, W, and perhaps Zn values should be interpreted with caution. Precision is also low for Au, Ca, Eu, Sr, and Ta, which have most values near the lower detection limit.

Acknowledgements

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Table 1 Lower detection limits for analyses

Element	Lower detection limits for each method		
	ICP-AES aqua regia	INAA	Fire Assay ICP-AES
Ag (ppm)	0.2	5	-
Al (%)	0.01	-	-
As (ppm)	2	0.5	-
Au (ppb)	-	2	1
B (ppm)	10	-	-
Ba (ppm)	10	50	-
Be (ppm)	0.5	-	-
Bi (ppm)	2	-	-
Br (ppm)	-	0.5	-
Ca (%)	0.01	1	-
Cd (ppm)	0.5	-	-
Ce (ppm)	-	3	-
Co (ppm)	1	1	-
Cr (ppm)	1	5	-
Cs (ppm)	-	1	-
Cu (ppm)	1	-	-
Eu (ppm)	-	0.2	-
Fe (%)	0.01	0.01	-
Ga (ppm)	10	-	-
Hf (ppm)	-	1	-
Hg (ppm)	1	1	-
Ir (ppb)	-	5	-
K (%)	0.01	-	-
La (ppm)	10	0.5	-
Lu (ppm)	-	0.05	-
Mg (%)	0.01	-	-
Mn (ppm)	5	-	-
Mo (ppm)	1	1	-
Na (%)	0.01	0.01	-
Nd (ppm)	-	5	-
Ni (ppm)	1	20	-
P (ppm)	10	-	-
Pb (ppm)	2	-	-
Pd (ppb)	-	-	1
Pt (ppb)	-	-	5
Rb (ppm)	-	15	-
S (%)	0.01	-	-
Sb (ppm)	2	0.1	-
Sc (ppm)	1	0.1	-
Se (ppm)	-	3	-
Sm (ppm)	-	0.1	-
Sn (%)	-	0.01	-
Sr (ppm)	1	0.02	-
Ta (ppm)	-	0.5	-
Tb (ppm)	-	0.5	-
Th (ppm)	-	0.2	-
Ti (%)	0.01	-	-
Tl (ppm)	10	-	-
U (ppm)	10	0.5	-
V (ppm)	1	-	-
W (ppm)	10	1	-
Yb (ppm)	-	0.2	-
Zn (ppm)	2	50	-

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Appendix I: Sample locations

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
98-DU-FL-1	37D	18	525000	7680400
98-DU-FL2	37D	18	524800	7680200
98-DU-FL3	37D	18	524800	7680000
98-DU-FL4	37D	18	524850	7679800
98-DU-FL5	37D	18	525000	7679600
98-DU-FL6	37D	18	525100	7679400
98-DU-FL7	37D	18	525200	7679200
98-DU-FL8	37D	18	525200	7679000
98-DU-FL9	37D	18	525200	7678800
98-DU-FL10	37D	18	525300	7678500
98-DU-FL11	37D	18	525400	7678200
98-DU-FL11A	37D	18	525400	7678200
98-DU-FL11B	37D	18	525400	7678200
98-DU-FL12	37D	18	524950	7678800
98-DU-FL13	37D	18	524800	7679000
98-DU-FL14	37D	18	524600	7679200
98-DU-FL15	37D	18	525600	7678200
98-DU-FL16	37D	18	525400	7677800
98-DU-FL17	37D	18	525300	7678000
98-DU-FL18	37D	18	525400	7677600
98-DU-RB1	37D	18	484800	7661700
98-DU-RB2	37D	18	485100	7661600
98-DU-RB3	37D	18	485200	7661000
98-DU-RB4	37D	18	485100	7660400
98-DU-RB5	37D	18	484500	7661050
98-DU-RB6	37D	18	484400	7660600
98-DU-RB7	37D	18	484600	7660300
98-DU-RB8	37D	18	484300	7659400
98-DU-RB9	37D	18	484600	7659200
98-DU-RB10	37D	18	485100	7659200
98-DU-RB11	37D	18	484400	7658600
98-DU-01	37D	18	489600	7648000
98-DU-02	37D	18	499200	7667800
98-DU-06	37D	18	499000	7670100
98-DU-07	37D	18	499200	7671200
98-DU-08	37D	18	499200	7672400
98-DU-09	37D	18	494200	7666100
98-DU-10	37D	18	494400	7665800
98-DU-11	37D	18	494900	7665400
98-DU-12	37D	18	495000	7664900
98-DU-13	37D	18	495500	7664600
98-DU-14	37D	18	495600	7664700
98-DU-15	37D	18	496200	7664200
98-DU-16	37D	18	496700	7663700
98-DU-17	37D	18	496800	7664000
01-DU-001	37A	18	577324	7643202
01-DU-002	37A	18	570473	7634598
01-DU-003	37A	18	556116	7633362
01-DU-004	37A	18	554287	7647151
01-DU-005	37A	18	554543	7651230
01-DU-006	37A	18	568177	7650548
01-DU-007	37A	18	568183	7650433
01-DU-008	37A	18	570043	7646959
01-DU-009	37A	18	530692	7592449
01-DU-010	37A	18	494207	7601527
01-DU-011	37A	18	485600	7611800
01-DU-012	37A	18	497759	7616960
01-DU-013	37A	18	511941	7609651
01-DU-014	37A	18	476950	7637650
01-DU-015	37D	18	478300	7655600
01-DU-016	37A	18	476712	7647574
01-DU-017	37A	18	494404	7643253
01-DU-018	37A	18	494210	7653654
01-DU-019	37A	18	524675	7632329
01-DU-020	37A	18	521165	7626661
01-DU-021	37A	18	527352	7622659
01-DU-022	37A	18	517247	7624341
01-DU-023	37A	18	513156	7631932
01-DU-024	37A	18	506767	7634134

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-025	37A	18	505536	7654028
01-DU-026	37D	18	476398	7684776
01-DU-027	37D	18	476002	7686993
01-DU-028	37D	18	479668	7672819
01-DU-029	37D	18	482578	7672855
01-DU-030	37D	18	495361	7674225
01-DU-031	37D	18	480544	7666386
01-DU-032	37D	18	496461	7663335
01-DU-033	37D	18	488186	7654157
01-DU-034	37A	18	594800	7569400
01-DU-035	37A	18	594600	7564600
01-DU-036	37A	18	598670	7556660
01-DU-037	37A	18	588300	7556200
01-DU-038	37A	18	587100	7552900
01-DU-039	37A	18	594900	7548600
01-DU-040	37A	18	598100	7548000
01-DU-041	37A	18	607300	7549800
01-DU-042	37A	18	605940	7553351
01-DU-043	37A	18	613358	7559994
01-DU-044	37A	18	611475	7562417
01-DU-045	37A	18	606766	7565620
01-DU-046	37A	18	603200	7570500
01-DU-047	37A	18	618231	7569035
01-DU-048	37A	18	560704	7607868
01-DU-049	37A	18	549300	7594600
01-DU-050	37A	18	555700	7592000
01-DU-051	37A	18	542200	7591700
01-DU-052	37A	18	564900	7591800
01-DU-053	37A	18	585400	7571200
01-DU-054	37A	18	582700	7593200
01-DU-055	37A	18	594191	7595587
01-DU-056	37A	18	582823	7590662
01-DU-057	37D	18	499865	7664660
01-DU-058	37A	18	515654	7648365
01-DU-059	37A	18	518000	7644000
01-DU-060	37A	18	535118	7635133
01-DU-061	37A	18	552428	7629685
01-DU-062	37A	18	559972	7628171
01-DU-063	37A	18	555618	7635259
01-DU-064	37A	18	534830	7645468
01-DU-065	37A	18	562900	7624200
01-DU-066	37A	18	561400	7623600
01-DU-067	37A	18	540200	7641600
01-DU-068	37D	18	502143	7705130
01-DU-069	37D	18	496500	7735700
01-DU-070	37D	18	494000	7736600
01-DU-071	37D	18	502140	7735134
01-DU-072	37D	18	467612	7736613
01-DU-073	37D	18	466900	7730000
01-DU-074	37D	18	468111	7730673
01-DU-075	37D	18	471745	7726877
01-DU-076	37A	18	482000	7723000
01-DU-077	37D	18	491259	7727766
01-DU-078	37D	18	501400	7723100
01-DU-079	37D	18	495600	7717800
01-DU-080	37D	18	495300	7716400
01-DU-081	37D	18	484900	7715900
01-DU-082	37D	18	484900	7712900
01-DU-083	37D	18	461705	7703460
01-DU-084	37D	18	469259	7705965
01-DU-085	37D	18	491200	7759400
01-DU-086	37D	18	476157	7763442
01-DU-087	37D	18	468300	7765000
01-DU-088	37D	18	462000	7757700
01-DU-089	37D	18	462747	7752454
01-DU-090	37D	18	482892	7755506
01-DU-091	37D	18	489900	7752900
01-DU-092	37D	18	495498	7753106
01-DU-093	37D	18	501736	7739709

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-094	37D	18	469345	7743155
01-DU-095	37D	18	503966	7679308
01-DU-096	37D	18	508400	7672800
01-DU-097	37D	18	505032	7689351
01-DU-098	37D	18	488922	7694930
01-DU-099	37D	18	490158	7692640
01-DU-100	37D	18	486284	7698520
01-DU-101	37D	18	463270	7696559
01-DU-102	37D	18	469160	7692403
01-DU-103	37D	18	480732	7695943
01-DU-104	37D	18	467449	7692952
01-DU-105	37D	18	467449	7694000
01-DU-106	37D	18	523100	7761600
01-DU-107	37D	18	509899	7763211
01-DU-108	37D	18	525737	7751544
01-DU-109	37D	18	526400	7750200
01-DU-110	37D	18	525900	7752500
01-DU-111	37D	18	526400	7746600
01-DU-112	37D	18	523600	7745200
01-DU-113	37D	18	528100	7749300
01-DU-114	37D	18	530763	7738098
01-DU-115	37D	18	534000	7732130
01-DU-116	37D	18	538800	7736600
01-DU-117	37D	18	542981	7731037
01-DU-118	37D	18	543095	7724624
01-DU-119	37D	18	504534	7761712
01-DU-120	37D	18	506006	7754273
01-DU-121	37D	18	510678	7749430
01-DU-122	37D	18	513500	7744000
01-DU-123	37D	18	521042	7742043
01-DU-124	37D	18	521284	7739852
01-DU-125	37D	18	514368	7730560
01-DU-126	37D	18	574638	7733808
01-DU-127	37D	18	584800	7725200
01-DU-128	37D	18	587900	7725300
01-DU-129	37D	18	596072	7722228
01-DU-130	37D	18	593085	7720374
01-DU-131	37D	18	600640	7719708
01-DU-132	37D	18	609205	7717440
01-DU-133	37D	18	602283	7706913
01-DU-134	37D	18	605044	7705407
01-DU-135	37D	18	593800	7710900
01-DU-136	37D	18	596252	7703315
01-DU-137	37D	18	603705	7697306
01-DU-138	37D	18	605466	7696545
01-DU-139	37D	18	604811	7698972
01-DU-140	37D	18	612008	7698836
01-DU-141	37D	18	595362	7698046
01-DU-142	37D	18	612600	7709800
01-DU-143	37D	18	617249	7708699
01-DU-144	37D	18	609632	7678583
01-DU-145	37D	18	611800	7677500
01-DU-146	37D	18	585746	7719215
01-DU-147	37A	18	613095	7597969
01-DU-148	37A	18	616369	7594939
01-DU-149	37A	18	619076	7585679
01-DU-150	37A	18	620376	7583173
01-DU-151	37A	18	613430	7584340
01-DU-152	37A	18	611906	7592875
01-DU-153	37A	18	597315	7571602
01-DU-154	37A	18	590447	7578544
01-DU-155	37A	18	597480	7588170
01-DU-156	37D	18	519569	7694628
01-DU-157	37D	18	509225	7698489
01-DU-158	37D	18	502824	7710854
01-DU-159	37D	18	500500	7723100
01-DU-160	37D	18	488171	7710498
01-DU-161	37D	18	495305	7709050
01-DU-162	37D	18	503769	7703312

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-163	37D	18	514816	7681177
01-DU-164	37D	18	518247	7683741
01-DU-165	37D	18	586867	7697061
01-DU-166	37D	18	589342	7690485
01-DU-167	37D	18	596600	7690177
01-DU-168	37D	18	585200	7679300
01-DU-169	37D	18	597541	7682408
01-DU-170	37D	18	612149	7667507
01-DU-171	37D	18	617007	7688094
01-DU-172	37D	18	598322	7664303
01-DU-173	37D	18	566184	7708204
01-DU-174	37D	18	560441	7713972
01-DU-175	37D	18	550185	7721224
01-DU-176	37D	18	548736	7730021
01-DU-177	37D	18	552700	7728600
01-DU-178	37D	18	563161	7729494
01-DU-179	37D	18	540081	7739422
01-DU-180	37D	18	543129	7738099
01-DU-181	37D	18	580572	7713753
01-DU-182	37D	18	580381	7706183
01-DU-183	37D	18	583907	7701028
01-DU-184	37D	18	535300	7691700
01-DU-185	37D	18	532760	7695480
01-DU-186	37D	18	540787	7697472
01-DU-187	37D	18	527511	7700851
01-DU-188	37D	18	520182	7704316
01-DU-189	37D	18	515909	7711970
01-DU-190	37D	18	517643	7724651
01-DU-191	37D	18	521846	7729415
01-DU-192	37D	18	525033	7720150
01-DU-193	37D	18	536624	7719708
01-DU-194	37D	18	544869	7716310
01-DU-195	37D	18	555108	7712557
01-DU-196	37A	18	575216	7623071
01-DU-197	37A	18	580012	7622718
01-DU-198	37A	18	567200	7611700
01-DU-199	37A	18	573232	7610655
01-DU-200	37A	18	566850	7605200
01-DU-201	37A	18	565321	7600362
01-DU-202	37A	18	574768	7594875
01-DU-203	37A	18	578732	7610594
01-DU-204	37A	18	584600	7610000
01-DU-205	37A	18	585900	7610900
01-DU-206	37A	18	587529	7618844
01-DU-207	37A	18	581917	7614655
01-DU-208	37A	18	580300	7616400
01-DU-209	37A	18	599947	7612093
01-DU-210	37A	18	602631	7602127
01-DU-211	37A	18	604972	7615651
01-DU-212	37A	18	610585	7607871
01-DU-213	37A	18	596930	7619346
01-DU-214	37A	18	594180	7629959
01-DU-215	37A	18	597796	7636398
01-DU-216	37A	18	602904	7643727
01-DU-217	37A	18	605683	7649687
01-DU-218	37A	18	613532	7646039
01-DU-219	37A	18	564660	7633719
01-DU-220	37A	18	540959	7633034
01-DU-221	37A	18	503016	7650626
01-DU-222	37A	18	532627	7652962
01-DU-223	37A	18	534777	7648889
01-DU-224	37A	18	538899	7645767
01-DU-225	37A	18	543800	7641900
01-DU-226	37A	18	547063	7641062
01-DU-227	37A	18	560066	7645291
01-DU-228	37A	18	563838	7647234
01-DU-230	37D	18	517632	7659489
01-DU-231	37D	18	525943	7672334
01-DU-232	37D	18	525000	7667000

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-233	37D	18	525307	7679266
01-DU-235	37D	18	543570	7681273
01-DU-236	37D	18	537027	7683616
01-DU-237	37D	18	531176	7664287
01-DU-238	37D	18	571796	7657256
01-DU-239	37D	18	568879	7671233
01-DU-240	37D	18	550846	7700432
01-DU-241	37D	18	558615	7697179
01-DU-242	37D	18	566950	7695500
01-DU-243	37D	18	564923	7694726
01-DU-244	37D	18	585007	7660455
01-DU-245	37D	18	578480	7664489
01-DU-246	37D	18	539768	7664067
01-DU-247	37D	18	584156	7659261
01-DU-248	37A	18	607029	7655649
01-DU-249	37A	18	593638	7653432
01-DU-250	37A	18	589793	7645097
01-DU-251	37A	18	579814	7649700
01-DU-252	27B	19	401978	7585608
01-DU-253	27B	19	401804	7584291
01-DU-254	27B	19	402745	7574103
01-DU-255	27B	19	405095	7572407
01-DU-256	27B	19	412177	7569940
01-DU-257	27B	19	408490	7568290
01-DU-258	27B	19	415171	7580858
01-DU-259	27B	19	410390	7588054
01-DU-260	27B	19	410642	7590009
01-DU-261	27B	19	395549	7607767
01-DU-262	27B	19	404027	7606571
01-DU-263	27B	19	396489	7585422
01-DU-264	27B	19	380418	7596500
01-DU-265	27B	19	385061	7602536
01-DU-266	27B	19	379863	7590995
01-DU-267	27B	19	384303	7594363
01-DU-268	27B	19	397735	7550231
01-DU-269	27B	19	403761	7549345
01-DU-270	27B	19	399352	7575968
01-DU-271	27B	19	394391	7561409
01-DU-272	27B	19	392962	7576337
01-DU-273	27B	19	391000	7584000
01-DU-274	37D	18	602378	7755146
01-DU-275	37D	18	601800	7755000
01-DU-276	37D	18	604885	7756945
01-DU-277	37D	18	605160	7758871
01-DU-278	37D	18	602162	7765128
01-DU-279	37D	18	594884	7762430
01-DU-280	37D	18	601363	7760769
01-DU-281	37D	18	601264	7760791
01-DU-282	37D	18	611200	7765524
01-DU-283	27B	19	391408	7621292
01-DU-284	27B	19	382557	7621231
01-DU-285	27B	19	393421	7590467
01-DU-286	27B	19	378250	7554189
01-DU-287	27B	19	380951	7550651
01-DU-288	27B	19	388156	7570863
01-DU-289	27B	19	392223	7569462
01-DU-290	27B	19	386514	7575130
01-DU-291	27B	19	377504	7579920
01-DU-292	27B	19	378239	7583461
01-DU-293	37D	18	514000	7666000
01-DU-500	37A	18	571536	7641850
01-DU-501	37A	18	556371	7639366
01-DU-502	37A	18	562071	7652200
01-DU-503	37A	18	574861	7651097
01-DU-504	37A	18	573300	7647900
01-DU-505	37A	18	500000	7590000
01-DU-506	37A	18	489110	7650802
01-DU-507	37A	18	574697	7647909
01-DU-508	37A	18	574697	7647909

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-509	37A	18	491808	7653006
01-DU-510	37A	18	519776	7636803
01-DU-511	37A	18	519704	7630976
01-DU-512	37A	18	527749	7626036
01-DU-513	37A	18	540922	7609240
01-DU-514	37A	18	523226	7614432
01-DU-515	37A	18	512963	7629185
01-DU-516	37A	18	510804	7635561
01-DU-517	37A	18	510802	7635563
01-DU-518	37D	18	481000	7685500
01-DU-519	37D	18	480432	7679711
01-DU-520	37D	18	480430	7679713
01-DU-521	37D	18	487588	7677053
01-DU-522	37D	18	491700	7665984
01-DU-523	37D	18	490531	7658042
01-DU-524	37A	18	585209	7561145
01-DU-525	37A	18	603489	7546567
01-DU-526	37A	18	617859	7549710
01-DU-527	37A	18	600862	7563331
01-DU-528	37A	18	622000	7565000
01-DU-529	37A	18	554921	7609877
01-DU-530	37A	18	552539	7599715
01-DU-531	37A	18	572955	7578682
01-DU-532	37A	18	577290	7584383
01-DU-533	37D	18	499630	7662266
01-DU-534	37A	18	519050	7651169
01-DU-535	37A	18	529321	7641234
01-DU-536	37A	18	545139	7628839
01-DU-537	37A	18	564788	7627502
01-DU-538	37A	18	557862	7626033
01-DU-539	37A	18	542126	7644007
01-DU-540	37D	18	505520	7734945
01-DU-541	37D	18	486347	7733024
01-DU-542	37D	18	476993	7740030
01-DU-543	37D	18	462113	7729843
01-DU-544	37D	18	489793	7724582
01-DU-545	37D	18	473378	7711747
01-DU-546	37D	18	467509	7717440
01-DU-547	37D	18	484171	7762941
01-DU-548	37D	18	478006	7759437
01-DU-549	37D	18	469314	7761363
01-DU-550	37D	18	479340	7755455
01-DU-551	37D	18	491394	7745396
01-DU-552	37D	18	483550	7743896
01-DU-553	37D	18	493858	7684374
01-DU-554	37D	18	496795	7684250
01-DU-555	37D	18	506691	7685053
01-DU-556	37D	18	504504	7686572
01-DU-557	37D	18	498188	7696544
01-DU-558	37D	18	493633	7696626
01-DU-559	37D	18	490907	7704202
01-DU-560	37D	18	483342	7706850
01-DU-561	37D	18	484563	7701474
01-DU-562	37D	18	477983	7706356
01-DU-563	37D	18	473581	7690567
01-DU-564	37D	18	474200	7689900
01-DU-565	37D	18	474577	7691503
01-DU-566	37D	18	478579	7691737
01-DU-567	37D	18	511592	7756312
01-DU-568	37D	18	526216	7745975
01-DU-569	37D	18	524000	7744000
01-DU-570	37D	18	536591	7741446
01-DU-571	37D	18	533637	7731206
01-DU-572	37D	18	530474	7730387
01-DU-573	37D	18	507294	7758639
01-DU-574	37D	18	500953	7762928
01-DU-575	37D	18	509912	7753057
01-DU-576	37D	18	512509	7750476
01-DU-577	37D	18	517029	7739358

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-578	37D	18	524887	7736745
01-DU-579	37D	18	579312	7727093
01-DU-580	37D	18	577172	7726333
01-DU-581	37D	18	609835	7718595
01-DU-582	37D	18	604666	7712584
01-DU-583	37D	18	590736	7717977
01-DU-584	37D	18	591143	7704455
01-DU-585	37D	18	591143	7704455
01-DU-586	37D	18	603423	7701248
01-DU-587	37D	18	608211	7697748
01-DU-588	37D	18	617900	7710000
01-DU-589	37D	18	607893	7685977
01-DU-590	37A	18	617099	7598450
01-DU-591	37A	18	620800	7594500
01-DU-592	37A	18	618566	7574790
01-DU-593	37A	18	605964	7597620
01-DU-594	37A	18	595131	7603595
01-DU-595	37A	18	608442	7575875
01-DU-596	37A	18	604250	7586429
01-DU-597	37A	18	587026	7592511
01-DU-598	37D	18	526238	7684592
01-DU-599	37D	18	529342	7691774
01-DU-600	37D	18	514428	7702304
01-DU-601	37D	18	511945	7714294
01-DU-602	37D	18	505753	7719017
01-DU-603	37D	18	474575	7698810
01-DU-604	37D	18	499727	7705166
01-DU-605	37D	18	516264	7691148
01-DU-606	37D	18	573795	7697630
01-DU-607	37D	18	576504	7689959
01-DU-608	37D	18	583916	7685819
01-DU-609	37D	18	594695	7674995
01-DU-610	37D	18	601778	7677106
01-DU-611	37D	18	607634	7670895
01-DU-612	27C	19	391205	7674164
01-DU-613	37D	18	615074	7661718
01-DU-614	37D	18	603479	7659390
01-DU-615	37D	18	569819	7711267
01-DU-616	37D	18	561624	7718435
01-DU-617	37D	18	564926	7723100
01-DU-618	37D	18	562040	7723317
01-DU-619	37D	18	546760	7743165
01-DU-620	37D	18	542150	7739689
01-DU-621	37D	18	567744	7718325
01-DU-622	37D	18	571572	7716667
01-DU-623	37D	18	587398	7703001
01-DU-624	37D	18	534900	7692800
01-DU-625	37D	18	536942	7702459
01-DU-626	37D	18	528653	7708368
01-DU-627	37D	18	534427	7713489
01-DU-628	37D	18	516800	7717500
01-DU-629	37D	18	512725	7723078
01-DU-630	37D	18	532905	7723655
01-DU-631	37D	18	545085	7706925
01-DU-632	37D	18	545876	7710825
01-DU-633	37A	18	577282	7627642
01-DU-634	37A	18	572865	7626509
01-DU-635	37A	18	572049	7616528
01-DU-636	37A	18	572587	7616404
01-DU-637	37A	18	572947	7607910
01-DU-638	37A	18	574667	7598479
01-DU-639	37A	18	581502	7604443
01-DU-640	37A	18	594020	7607765
01-DU-641	37A	18	611822	7601702
01-DU-642	37A	18	615721	7600988
01-DU-643	37A	18	617916	7610058
01-DU-644	37A	18	613171	7614866
01-DU-645	37A	18	604981	7632390
01-DU-646	37A	18	603816	7623585

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
01-DU-647	37A	18	616652	7635829
01-DU-648	37A	18	613319	7626678
01-DU-649	37A	18	618313	7640666
01-DU-650	37D	18	529506	7656699
01-DU-651	37D	18	515091	7667847
01-DU-652	37D	18	519594	7671823
01-DU-653	37D	18	512789	7677184
01-DU-654	37D	18	541347	7685929
01-DU-655	37D	18	539950	7674513
01-DU-656	37D	18	532213	7673129
01-DU-657a	37D	18	536324	7669089
01-DU-657b	37D	18	578857	7657177
01-DU-658	37D	18	561422	7674088
01-DU-659	37D	18	572379	7674827
01-DU-660	37D	18	558414	7686485
01-DU-661	37D	18	559840	7705372
01-DU-662	37D	18	570954	7685896
01-DU-663	37D	18	588207	7667925
01-DU-664	37D	18	581044	7673937
01-DU-665	37D	18	554645	7671065
01-DU-666	37D	18	550215	7655643
01-DU-667	37A	18	616116	7651227
01-DU-668	37A	18	601461	7651782
01-DU-669	37A	18	584965	7638846
01-DU-670	37A	18	586122	7631057
01-DU-671	37A	18	577915	7653681
01-DU-672	27B	19	404401	7592049
01-DU-673	27B	19	402820	7588680
01-DU-674	27B	19	401789	7579586
01-DU-675	27B	19	402442	7576499
01-DU-676	27B	19	405983	7578218
01-DU-677	27B	19	408606	7575401
01-DU-678	27B	19	413032	7584741
01-DU-679	27B	19	410736	7585367
01-DU-680	27B	19	395337	7601972
01-DU-681	27B	19	390798	7603998
01-DU-682	27B	19	397334	7588236
01-DU-683	27B	19	380578	7606324
01-DU-684	27B	19	377949	7600064
01-DU-685	27B	19	391186	7595181
01-DU-686	27B	19	386886	7588717
01-DU-687	27B	19	401588	7559384
01-DU-688	27B	19	396526	7555645
01-DU-689	27B	19	391095	7552299
01-DU-690	27B	19	389270	7557083
01-DU-691	27B	19	386747	7629592
01-DU-692	27B	19	390443	7625313
01-DU-693	27B	19	397936	7594660
01-DU-694	27B	19	392516	7591358
01-DU-695	27B	19	379704	7563156
01-DU-696	27B	19	382856	7568008
01-DU-697	27B	19	388153	7567698
01-DU-698	27B	19	377734	7575264
01-DU-699	27B	19	383405	7574925
01-DU-700	27B	19	378766	7578711
01-DU-701	37D	18	504872	7689881
01-DU-703	37D	18	505201	7683491
01-DU-704	37D	18	505194	7682944
01-DU-7061	37D	18	466895	7693380
01-DU-7062	37D	18	466895	7693441
01-DU-7063	37D	18	466829	7693516
01-DU-7064	37D	18	466808	7693629
01-DU-706a	37D	18	466393	7691000
01-DU-706h	37D	18	466431	7691925
01-DU-706v	37D	18	466489	7692644
01-DU-706w	37D	18	466651	7692836
01-DU-706y	37D	18	466793	7693068
01-DU-706z	37D	18	466850	7693244
02-DU-1001	27B	19	379300	7618990

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1002	27B	19	378863	7616453
02-DU-1003	27B	19	378083	7610452
02-DU-1004	27B	19	382379	7611770
02-DU-1005	27B	19	383569	7616664
02-DU-1006	27B	19	390892	7612323
02-DU-1007	27B	19	393686	7617092
02-DU-1008	27B	19	387656	7618639
02-DU-1009	27B	19	384193	7628602
02-DU-1010	27B	19	392482	7624067
02-DU-1011	27B	19	385688	7632314
02-DU-1012	27B	19	396494	7635366
02-DU-1013	27B	19	386167	7650354
02-DU-1014	27B	19	396038	7650022
02-DU-1015	27B	19	404073	7641000
02-DU-1016	27B	19	410240	7634428
02-DU-1017	27B	19	403970	7630553
02-DU-1018	27B	19	409860	7651981
02-DU-1019	27B	19	409926	7941558
02-DU-1020	27B	19	422960	7645728
02-DU-1021	27B	19	425153	7635468
02-DU-1022	27B	19	417469	7631205
02-DU-1023	27B	19	424194	7630376
02-DU-1024	27B	19	432687	7623295
02-DU-1025	27B	19	441573	7631091
02-DU-1026	27B	19	435136	7642940
02-DU-1027	27B	19	430999	7651390
02-DU-1028	27B	19	438141	7612404
02-DU-1029	27B	19	428225	7608662
02-DU-1030	27B	19	433072	7602692
02-DU-1031	27B	19	437514	7598106
02-DU-1032	27B	19	439599	7589221
02-DU-1033	27B	19	445015	7591320
02-DU-1034	27B	19	441852	7594931
02-DU-1035	27B	19	451971	7595021
02-DU-1036	27B	19	449432	7598076
02-DU-1037	27B	19	438272	7605235
02-DU-1038	27B	19	424738	7593016
02-DU-1039	27B	19	423469	7596204
02-DU-1040	27B	19	412127	7597780
02-DU-1041	27B	19	405077	7596759
02-DU-1042	27B	19	409492	7604363
02-DU-1043	27B	19	408507	7610302
02-DU-1044	27B	19	418696	7615084
02-DU-1045	27B	19	413564	7617593
02-DU-1046	27B	19	409480	7624219
02-DU-1047	27B	19	406046	7623843
02-DU-1048	27B	19	415675	7564518
02-DU-1049	27B	19	416251	7553502
02-DU-1050	27B	19	422002	7548117
02-DU-1051	27B	19	425641	7548739
02-DU-1052	27B	19	422692	7562254
02-DU-1053	27B	19	434386	7554080
02-DU-1054	27B	19	439620	7551240
02-DU-1055	27B	19	445735	7549035
02-DU-1056	27B	19	449541	7549875
02-DU-1057	27B	19	457400	7541686
02-DU-1058	27B	19	448268	7553123
02-DU-1059	27B	19	454745	7551695
02-DU-1060	27B	19	453835	7561522
02-DU-1061	27B	19	441604	7563228
02-DU-1062	27B	19	437772	7562833
02-DU-1063	27B	19	434563	7564688
02-DU-1064	27B	19	435006	7567535
02-DU-1065	27B	19	448094	7563713
02-DU-1066	27B	19	460731	7563918
02-DU-1067	27B	19	458808	7567797
02-DU-1068	27B	19	448753	7567872
02-DU-1069	27B	19	458048	7582405
02-DU-1070	27B	19	447586	7585967

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1071	27B	19	446903	7574447
02-DU-1072	27B	19	440810	7577381
02-DU-1073	27B	19	431489	7578249
02-DU-1074	27B	19	425256	7575167
02-DU-1075	27B	19	416672	7573984
02-DU-1076	27B	19	419463	7582344
02-DU-1077	27B	19	429055	7582064
02-DU-1078	27B	19	426404	7587215
02-DU-1079	27B	19	419714	7587811
02-DU-1080	27B	19	462303	7592728
02-DU-1081	27B	19	454841	7601316
02-DU-1082	27B	19	462196	7606087
02-DU-1083	27B	19	449593	7607668
02-DU-1084	27B	19	444663	7612452
02-DU-1085	27B	19	457147	7614903
02-DU-1086	27B	19	452807	7617532
02-DU-1087	27B	19	459572	7628153
02-DU-1088	27B	19	442365	7621609
02-DU-1089	27B	19	452121	7632328
02-DU-1090	27B	19	447699	7631299
02-DU-1091	27B	19	448269	7650534
02-DU-1092	27C	19	458895	7648151
02-DU-1093	27C	19	457369	7645781
02-DU-1094	27C	19	453749	7638593
02-DU-1095	27C	19	458734	7638755
02-DU-1096	27C	19	429227	7689577
02-DU-1097	27C	19	427731	7686931
02-DU-1098	27C	19	436048	7667811
02-DU-1099	27C	19	443319	7670594
02-DU-1100	27C	19	447459	7665060
02-DU-1101	27C	19	441507	7658345
02-DU-1102	27C	19	390605	7698602
02-DU-1103	27C	19	386357	7703454
02-DU-1104	27C	19	385402	7709626
02-DU-1105	27C	19	389145	7707834
02-DU-1106	27C	19	394587	7710682
02-DU-1107	27C	19	394587	7710682
02-DU-1108	27C	19	407424	7712021
02-DU-1109	27C	19	407424	7712021
02-DU-1110	27C	19	408889	7706304
02-DU-1111	27C	19	407341	7705328
02-DU-1112	27C	19	400398	7705681
02-DU-1113	27C	19	383881	7662300
02-DU-1114	27C	19	388757	7666938
02-DU-1115	27C	19	382277	7672915
02-DU-1116	27C	18	618509	7685050
02-DU-1117	27C	19	397162	7683226
02-DU-1118	27C	19	395767	7678815
02-DU-1119	27C	19	394027	7677352
02-DU-1120	27C	19	398205	7670627
02-DU-1121	27C	19	391522	7667350
02-DU-1122	27C	19	396328	7662912
02-DU-1123	27C	19	400781	7660954
02-DU-1124	27C	19	397163	7693498
02-DU-1125	27C	19	393630	7691121
02-DU-1126	27C	19	399862	7689233
02-DU-1127	27C	19	416851	7683304
02-DU-1128	27C	19	406792	7675835
02-DU-1129	27C	19	401825	7675682
02-DU-1130	27C	19	403254	7667606
02-DU-1131	27C	19	408429	7660310
02-DU-1132	27C	19	410173	7667136
02-DU-1133	27C	19	413401	7662698
02-DU-1134	27C	19	418074	7664434
02-DU-1135	27C	19	419217	7667088
02-DU-1136	27C	19	423779	7669902
02-DU-1137	27C	19	423513	7662015
02-DU-1138	27C	19	429083	7658504
02-DU-1139	27C	18	614692	7717435

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1140	27C	19	388599	7714305
02-DU-1141	27C	19	389011	7717249
02-DU-1142	27C	19	402732	7716960
02-DU-1143	27C	19	407821	7717856
02-DU-1144	27C	19	412296	7719159
02-DU-1145	27C	19	419089	7717104
02-DU-1146	27C	19	429346	7716939
02-DU-1147	27C	19	429069	7719707
02-DU-1148	27C	19	428965	7723960
02-DU-1149	27C	19	421695	7723150
02-DU-1150	27C	19	422604	7724559
02-DU-1151	27C	19	418022	7727383
02-DU-1152	27C	19	420654	7728955
02-DU-1153	27C	19	413956	7730900
02-DU-1154	27C	19	410723	7724184
02-DU-1155	27C	19	400081	7726641
02-DU-1156	27C	19	396587	7723300
02-DU-1157	27C	19	396941	7726092
02-DU-1158	27C	19	392580	7730010
02-DU-1159	27C	19	387476	7729666
02-DU-1160	27C	19	430926	7752093
02-DU-1161	27C	19	431396	7757277
02-DU-1162	27C	19	431606	7764318
02-DU-1163	27C	19	428349	7761560
02-DU-1164	27C	19	424080	7759743
02-DU-1165	27C	19	421552	7755513
02-DU-1166	27C	19	420766	7759073
02-DU-1167	27C	19	417569	7754692
02-DU-1168	27C	19	415592	7757279
02-DU-1169	27C	19	412691	7758866
02-DU-1170	27C	19	408522	7761020
02-DU-1171	27C	19	407365	7765731
02-DU-1172	27C	19	402687	7755941
02-DU-1173	27C	19	399144	7760066
02-DU-1174	27C	19	397995	7761459
02-DU-1175	27C	19	387546	7763078
02-DU-1176	27C	19	611600	7761740
02-DU-1177	27C	19	386018	7758414
02-DU-1178	27C	19	395836	7757295
02-DU-1179	27C	19	395838	7757292
02-DU-1180	27C	19	408981	7754573
02-DU-1181	27C	19	407354	7696568
02-DU-1182	27C	19	415651	7693561
02-DU-1183	27C	19	419116	7697385
02-DU-1184	27C	19	421979	7698493
02-DU-1185	27C	19	427408	7705930
02-DU-1186	27C	19	428165	7707172
02-DU-1187	27C	19	432110	7707113
02-DU-1188	27C	19	432156	7707783
02-DU-1189	27C	19	436024	7704240
02-DU-1190	27C	19	435174	7706836
02-DU-1191	27C	19	436487	7706273
02-DU-1192	27C	19	437120	7717876
02-DU-1193	27C	19	434786	7716900
02-DU-1194	27C	19	432641	7715852
02-DU-1195	27C	19	426428	7710256
02-DU-1196	27C	19	427221	7713985
02-DU-1197	27C	19	422267	7708343
02-DU-1198	27C	19	416783	7711103
02-DU-1199	27C	19	415673	7714933
02-DU-1200	27C	19	414041	7706160
02-DU-1201	27C	19	417677	7703136
02-DU-1202	27C	19	415378	7699964
02-DU-1220	27C	19	427639	7735163
02-DU-1221	27C	19	428066	7734080
02-DU-1222	27C	19	431497	7738690
02-DU-1223	27C	19	435990	7737817
02-DU-1224	27C	19	435038	7734611
02-DU-1225	27C	19	440215	7732246

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1226	27C	19	446297	7741955
02-DU-1227	27C	19	445257	7751807
02-DU-1228	27C	19	446087	7749034
02-DU-1229	27C	19	446978	7753119
02-DU-1230	27C	19	447302	7756583
02-DU-1231	27C	19	457195	7765312
02-DU-1232	27C	19	457256	7765371
02-DU-1233	27C	19	457231	7765384
02-DU-1234	27C	19	441256	7754481
02-DU-1235	27C	19	436920	7753921
02-DU-1236	27C	19	434158	7750799
02-DU-1237	27C	19	437757	7728213
02-DU-1238	27C	19	441097	7725692
02-DU-1239	27C	19	446847	7727781
02-DU-1240	27C	19	450911	7727490
02-DU-1241	27C	19	453648	7730864
02-DU-1242	27C	19	453648	7730864
02-DU-1243	27C	19	450344	7735811
02-DU-1244	27C	19	447003	7736036
02-DU-1245	27C	19	460614	7731919
02-DU-1246	27C	19	465368	7738233
02-DU-1247	27C	19	467162	7733433
02-DU-1248	27C	19	465387	7729124
02-DU-1249	27C	19	460175	7726710
02-DU-1250	27C	19	460180	7724308
02-DU-1251	27C	19	458002	7724117
02-DU-1252	27C	19	454222	7723561
02-DU-1253	27C	19	452281	7720931
02-DU-1254	27C	19	447818	7717253
02-DU-1255	27C	19	447499	7720426
02-DU-1256	27C	19	448248	7722401
02-DU-1257	27C	19	438283	7698106
02-DU-1258	27C	19	444921	7701090
02-DU-1259	27C	19	450024	7694372
02-DU-1260	27C	19	451676	7694902
02-DU-1261	27C	19	456156	7693837
02-DU-1262	27C	19	463837	7687787
02-DU-1263	27C	19	464047	7687732
02-DU-1264	27C	19	463000	7683833
02-DU-1265	27C	19	463007	7683981
02-DU-1266	27C	19	464644	7694529
02-DU-1267	27C	19	459847	7706214
02-DU-1268	27C	19	459691	7709994
02-DU-1269	27C	19	461097	7711947
02-DU-1270	27C	19	461937	7720197
02-DU-1271	27C	19	460456	7722977
02-DU-1272	27C	19	456689	7726995
02-DU-1273	27C	19	455185	7724440
02-DU-1274	27C	19	459171	7718037
02-DU-1275	27C	19	459230	7717926
02-DU-1276	27C	19	451358	7707077
02-DU-1277	27C	19	448424	7708795
02-DU-1278	27C	19	443446	7713101
02-DU-1279	27C	19	392486	7675537
02-DU-1280	27C	19	437588	7700484
02-DU-1281	27C	19	447968	7696750
02-DU-1282	27C	19	448895	7693195
02-DU-1283	27C	19	445599	7692749
02-DU-1284	27C	19	442560	7689614
02-DU-1285	27C	19	439847	7682556
02-DU-1286	27C	19	453551	7678890
02-DU-1287	27C	19	456176	7675632
02-DU-1288	27C	19	456204	7675763
02-DU-1289	27C	19	458322	7668812
02-DU-1290	27C	19	457322	7664286
02-DU-1291	27C	19	460682	7656187
02-DU-1292	27C	19	460639	7656159
02-DU-1293	27C	19	461682	7658211
02-DU-1294	27C	19	462359	7661802

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1295	27C	19	465037	7663875
02-DU-1296	27C	19	465394	7669497
02-DU-1297	27C	19	458601	7680448
02-DU-1298	27C	19	390212	7737368
02-DU-1299	27C	19	391780	7739882
02-DU-1300	27C	19	396987	7743526
02-DU-1301	27C	19	393695	7736524
02-DU-1302	27C	19	400650	7739397
02-DU-1303	27C	19	402268	7731967
02-DU-1304	27C	19	405475	7741407
02-DU-1305	27C	19	409133	7745385
02-DU-1306	27C	19	412445	7738789
02-DU-1307	27C	19	412939	7735572
02-DU-1308	27C	19	419538	7743512
02-DU-1309	27C	19	423294	7741536
02-DU-1310	27C	19	429685	7746422
02-DU-1311	27C	19	427639	7748249
02-DU-1312	27C	19	423359	7749549
02-DU-1313	27C	19	418868	7750941
02-DU-1314	27C	19	415470	7750833
02-DU-1315	27C	19	404166	7750427
02-DU-1316	27C	19	393667	7749873
02-DU-1317	27C	19	387807	7746083
02-DU-1501	27C	19	379206	7627108
02-DU-1502	27C	19	396723	7627205
02-DU-1503	27C	19	381402	7638713
02-DU-1504	27C	19	391100	7637286
02-DU-1505	27C	19	397501	7639555
02-DU-1506	27C	19	390844	7645680
02-DU-1507	27C	19	401014	7645365
02-DU-1508	27C	19	408519	7641272
02-DU-1509	27C	19	407345	7631474
02-DU-1510	27C	19	406164	7649037
02-DU-1511	27C	19	412636	7646187
02-DU-1512	27C	19	418111	7647958
02-DU-1513	27C	19	415843	7639135
02-DU-1514	27C	19	418728	7624520
02-DU-1515	27C	19	428916	7628347
02-DU-1516	27C	19	436117	7631678
02-DU-1517	27C	19	429657	7643672
02-DU-1518	27C	19	429747	7617714
02-DU-1519	27C	19	432123	7611320
02-DU-1520	27C	19	423949	7605035
02-DU-1521	27C	19	433023	7593781
02-DU-1522	27C	19	438269	7592707
02-DU-1523	27C	19	450614	7592177
02-DU-1524	27C	19	443853	7605920
02-DU-1525	27C	19	420645	7591928
02-DU-1526	27C	19	414922	7593331
02-DU-1527	27C	19	409342	7602117
02-DU-1528	27C	19	419295	7604682
02-DU-1529	27C	19	409962	7619171
02-DU-1530	27C	19	412220	7622623
02-DU-1531	27C	19	412346	7559816
02-DU-1532	27C	19	417396	7558677
02-DU-1533	27C	19	419765	7550289
02-DU-1534	27C	19	425636	7555485
02-DU-1535	27C	19	434992	7547081
02-DU-1536	27C	19	443518	7545445
02-DU-1537	27C	19	450221	7547272
02-DU-1538	27C	19	456318	7546972
02-DU-1539	27C	19	456196	7551621
02-DU-1540	27C	19	457965	7556100
02-DU-1541	27C	19	442930	7558517
02-DU-1542	27C	19	433528	7561146
02-DU-1543	27C	19	427034	7566527
02-DU-1544	27C	19	445942	7563514
02-DU-1545	27C	19	458828	7576308
02-DU-1546	27C	19	451807	7581732

Appendix I - Sample locations

Sample	NTS	Zone	Easting	Northing
02-DU-1547	27C	19	447904	7578759
02-DU-1548	27C	19	441794	7583500
02-DU-1549	27C	19	434357	7573639
02-DU-1550	27C	19	422107	7579153
02-DU-1551	27C	19	424496	7582602
02-DU-1552	27C	19	454771	7591390
02-DU-1553	27C	19	457348	7597144
02-DU-1554	27C	19	453110	7605132
02-DU-1555	27C	19	452772	7624981
02-DU-1556	27C	19	447487	7624448
02-DU-1557	27C	19	451957	7644653
02-DU-1558	27C	19	456492	7641879
02-DU-1559	27C	19	431917	7694169
02-DU-1560	27C	19	427847	7686590
02-DU-1561	27C	19	440168	7679702
02-DU-1562	27C	19	436254	7671264
02-DU-1563	27C	19	445874	7667597
02-DU-1564	27C	19	391092	7696049
02-DU-1565	27C	19	385107	7704339
02-DU-1566	27C	19	397987	7712228
02-DU-1567	27C	19	405149	7708788
02-DU-1568	27B	19	385376	7655635
02-DU-1569	27C	19	387500	7671832
02-DU-1570	27C	19	391113	7683467
02-DU-1571	27C	19	394139	7667889
02-DU-1572	27C	19	397594	7657899
02-DU-1095b	27C	19	426252	7691638
02-DU-1574	27C	19	395621	7709302
02-DU-1575	27C	19	395765	7708985
02-DU-1576	27C	19	394823	7709461
02-DU-1577	27C	19	393696	7709944
02-DU-1578	27C	19	393514	7711625
02-DU-1579	27C	19	393143	7712147
02-DU-1580	27C	19	408654	7679846
02-DU-1581	27C	19	441722	7747668
02-DU-1582	27C	19	441722	7747668
02-DU-1583	27C	19	441722	7747668
02-DU-1584	27C	19	386498	7757110
02-DU-1585	27C	19	388765	7757110
02-DU-1586	27C	19	388183	7753868
02-DU-1587	27C	19	388499	7755294
02-DU-1588	27C	19	388574	7755194
02-DU-1589	27C	19	388574	7755194
02-DU-1590	27C	19	443091	7740049
02-DU-1591	27C	19	443651	7740324
02-DU-1592	27C	19	443303	7741400
02-DU-1593	27C	19	442995	7741559
02-DU-1594	27C	19	441982	7743029
02-DU-1595	27C	19	441002	7743094
02-DU-1596	27C	19	440727	7743369
02-DU-1597	27C	19	394786	7724679
02-DU-1598	27C	19	389491	7697256
02-DU-1599	27C	19	389866	7697891
02-DU-1600	27C	19	389995	7698147
02-DU-1601	27C	19	390027	7698618
02-DU-1602	27C	19	390177	7699269
02-DU-1603	27C	19	390580	7699464
02-DU-1604	27C	19	390580	7699464
02-DU-1605	27C	19	390911	7702132
02-DU-1606	27C	19	391106	7702629
02-DU-1607	27C	19	390825	7703037

Appendix II: Till geochemistry, <0.002 mm, ICP-AES

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
98-DU-1	18	489600	7648000	0.2	6.63	156	5	340	2.0	2	0.09	2.5	76
98-DU-17	18	496800	7664000	0.1	5.04	1	30	190	2.0	1	0.43	0.3	26
98-DU-2	18	499200	7667800	0.1	5.67	146	5	340	2.5	8	0.22	4.0	52
98-DU-6	18	499000	7670100	0.2	5.71	164	5	280	3.0	1	0.22	3.5	45
98-DU-8	18	499200	7672400	0.1	5.69	118	5	260	3.0	1	0.17	3.0	45
98-DU-9	18	494200	7666100	0.2	5.48	122	5	260	3.0	1	0.20	4.0	39
98-DU-FL-1	18	525000	7680400	0.2	6.04	102	5	250	3.5	1	0.11	4.0	65
98-DU-FL-10G	18	525300	7678500	0.8	2.60	216	5	140	1.5	1	0.01	6.0	8
98-DU-FL-11G	18	525400	7678200	0.8	0.30	42	5	90	0.5	1	0.01	7.0	2
98-DU-FL-12	18	524950	7678800	0.1	5.55	30	5	310	3.0	6	0.17	4.0	66
98-DU-FL-13	18	524800	7679000	0.1	5.78	14	5	370	2.5	1	0.18	7.5	36
98-DU-FL-14	18	524600	7679200	0.2	5.68	48	5	270	2.5	1	0.13	4.0	51
98-DU-FL-15G	18	525600	7678200	1.2	1.49	166	5	190	1.0	1	0.01	8.5	7
98-DU-FL-16	18	525400	7677800	0.6	5.60	54	5	260	3.0	1	0.24	6.0	71
98-DU-FL-18	18	525400	7677600	0.1	5.93	22	5	340	2.5	1	0.23	4.0	49
98-DU-FL-2	18	524800	7680200	0.2	6.52	82	5	210	5.5	1	0.05	3.0	68
98-DU-FL-3	18	524800	7680000	0.8	4.59	188	5	190	1.5	1	0.01	4.0	19
98-DU-FL-4	18	524850	7679800	0.2	6.24	64	5	210	3.5	4	0.05	3.0	85
98-DU-FL-5	18	525000	7679600	0.2	5.60	48	5	190	2.5	4	0.03	3.0	22
98-DU-FL-6	18	525100	7679400	1.2	4.06	102	5	180	2.0	1	0.01	3.5	15
98-DU-FL-7	18	525200	7679200	0.2	6.14	58	5	250	2.5	1	0.04	2.5	34
98-DU-FL-8	18	525200	7679000	0.1	5.02	26	5	210	3.0	2	0.13	3.5	54
98-DU-FL-9	18	525200	7678800	0.4	3.33	148	5	180	2.0	1	0.01	5.0	13
98-DU-RB-1	18	484800	7661700	0.2	6.02	118	5	200	3.5	6	0.10	3.0	57
98-DU-RB-10	18	485100	7659200	0.2	5.58	140	5	250	3.0	1	0.16	5.0	46
98-DU-RB-2	18	485100	7661600	0.2	5.94	104	5	250	3.0	1	0.14	2.5	49
98-DU-RB-3	18	485200	7661000	0.1	5.97	158	5	240	2.5	1	0.14	3.0	44
98-DU-RB-4	18	485100	7660400	0.1	5.93	132	5	290	3.0	4	0.27	3.5	46
98-DU-RB-5	18	484500	7661050	0.2	6.05	160	5	250	3.0	1	0.17	4.5	70
98-DU-RB-6	18	484400	7660600	0.1	6.39	114	5	290	3.0	1	0.17	4.0	55
98-DU-RB-7	18	484600	7660300	0.1	5.83	112	5	250	3.0	1	0.17	4.5	44
98-DU-RB-8	18	484300	7659400	0.1	5.86	134	10	240	3.0	1	0.17	5.5	49
98-DU-RB-9	18	484600	7659200	0.2	5.48	136	5	250	3.0	1	0.16	3.0	48
01-DU-001	18	577324	7643202	0.1	6.34	282	5	250	2.0	1	0.06	0.3	32
01-DU-002	18	570473	7634598	0.1	6.43	224	5	280	2.0	1	0.05	0.3	43
01-DU-003	18	556116	7633362	0.1	6.61	54	5	290	2.0	1	0.09	0.3	34
01-DU-004	18	554287	7647151	0.2	6.37	148	5	380	1.5	1	0.05	0.3	29
01-DU-005	18	554543	7651230	0.1	7.28	112	5	390	2.5	1	0.03	0.3	34
01-DU-007	18	568183	7650433	0.1	6.68	180	5	290	2.5	1	0.04	0.3	40
01-DU-008	18	570043	7646959	0.2	5.44	144	5	320	1.5	1	0.07	0.3	27
01-DU-009	18	530692	7592449	0.1	5.32	36	10	230	2.5	1	0.13	0.3	34
01-DU-012A	18	497759	7616960	0.1	2.60	2	40	50	0.5	1	10.75	0.5	15
01-DU-012B	18	497759	7616960	0.1	2.75	10	30	90	1.5	1	1.76	0.3	26
01-DU-013	18	511941	7609651	0.1	5.82	40	5	310	2.0	2	1.02	0.3	32
01-DU-017	18	494404	7643253	0.1	6.27	202	5	280	2.5	1	0.06	0.3	60
01-DU-018	18	494210	7653654	0.1	5.36	1	10	250	2.0	8	0.67	0.3	24
01-DU-019	18	524675	7632329	0.6	6.47	132	5	310	2.0	1	0.11	0.3	44
01-DU-020	18	521165	7626661	0.1	7.08	132	5	380	2.0	1	0.09	0.3	35
01-DU-021	18	527352	7622659	0.1	6.68	124	5	370	2.0	1	0.12	0.3	35

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
98-DU-1	174	341	11.65	10	0.5	2.57	10	3.06	970	4	1.24	296	15000
98-DU-17	80	68	7.00	20	0.5	1.89	50	3.65	760	0.5	0.61	60	2500
98-DU-2	121	263	12.40	10	0.5	1.82	20	3.00	950	7	0.60	250	3660
98-DU-6	126	266	13.05	10	0.5	2.09	20	3.10	755	12	0.61	257	3810
98-DU-8	126	283	13.00	10	0.5	1.81	20	3.04	1055	8	0.68	247	4400
98-DU-9	122	250	12.95	10	0.5	2.08	30	3.18	740	11	0.74	235	4740
98-DU-FL-1	141	394	20.00	10	0.5	2.00	10	2.94	930	16	0.83	412	5570
98-DU-FL-10G	118	215	20.00	10	0.5	2.63	20	1.26	295	38	0.85	23	15000
98-DU-FL-11G	21	75	20.00	5	0.5	3.26	5	0.14	45	23	0.74	10	7840
98-DU-FL-12	118	344	13.20	10	0.5	1.94	30	2.92	945	20	0.69	394	4160
98-DU-FL-13	130	253	11.30	10	0.5	2.44	30	3.28	850	3	0.57	410	3220
98-DU-FL-14	133	336	11.10	10	0.5	2.26	10	3.08	895	14	0.73	413	5700
98-DU-FL-15G	88	145	20.00	20	0.5	1.48	5	0.69	190	72	1.20	31	15000
98-DU-FL-16	112	376	20.00	10	0.5	1.58	10	2.51	1375	28	0.82	459	6070
98-DU-FL-18	129	303	11.15	10	0.5	2.04	10	3.19	1075	7	0.60	412	3410
98-DU-FL-2	120	429	14.40	10	0.5	1.46	10	2.44	845	26	0.67	363	7900
98-DU-FL-3	124	375	20.00	10	0.5	1.13	10	1.74	390	58	0.69	112	9510
98-DU-FL-4	116	376	12.80	10	0.5	1.50	5	2.48	1295	20	0.69	343	8100
98-DU-FL-5	138	371	20.00	10	0.5	1.46	10	2.29	475	31	0.42	107	6870
98-DU-FL-6	137	388	20.00	10	0.5	1.07	10	1.46	290	56	2.04	72	15000
98-DU-FL-7	119	305	12.60	10	0.5	1.57	10	2.58	645	22	0.63	232	9160
98-DU-FL-8	106	392	13.60	10	0.5	1.83	40	2.77	775	23	0.75	505	6560
98-DU-FL-9	130	198	20.00	10	0.5	2.54	60	1.60	320	31	0.90	48	15000
98-DU-RB-1	151	265	12.75	20	0.5	1.80	10	3.10	1005	12	0.78	194	5580
98-DU-RB-10	133	320	12.95	10	0.5	2.01	20	2.94	975	11	0.76	259	6130
98-DU-RB-2	139	293	11.40	10	0.5	2.04	20	3.16	950	7	0.84	230	5600
98-DU-RB-3	144	287	11.50	10	0.5	2.42	10	3.35	885	11	0.74	251	5200
98-DU-RB-4	128	265	12.65	10	0.5	2.06	20	3.23	865	13	0.68	220	4360
98-DU-RB-5	146	338	13.30	10	0.5	2.33	10	3.27	1035	20	0.84	323	6060
98-DU-RB-6	148	296	12.10	20	0.5	2.35	20	3.26	990	10	0.70	251	5670
98-DU-RB-7	135	263	12.00	10	0.5	2.20	10	3.24	940	9	0.61	228	3590
98-DU-RB-8	139	276	10.85	10	0.5	2.35	10	3.38	910	11	0.64	269	4370
98-DU-RB-9	141	284	11.60	10	0.5	2.12	10	3.19	910	14	0.60	262	4020
01-DU-001	169	260	9.68	10	0.5	2.20	30	2.66	610	4	0.55	101	4550
01-DU-002	178	274	9.57	10	0.5	2.48	20	2.84	690	2	0.40	137	2790
01-DU-003	190	153	9.61	20	0.5	3.11	60	3.37	730	0.5	0.49	107	2900
01-DU-004	191	215	10.25	20	0.5	3.32	20	3.17	800	3	0.59	83	6200
01-DU-005	201	239	10.95	20	0.5	3.38	10	3.46	825	3	0.45	107	3150
01-DU-007	186	284	10.30	20	0.5	2.33	30	2.98	710	3	0.49	128	4730
01-DU-008	167	163	8.34	10	0.5	2.78	30	2.74	680	0.5	1.69	85	15000
01-DU-009	188	128	7.32	20	0.5	2.19	10	2.56	755	0.5	0.47	102	2400
01-DU-012A	61	27	3.61	5	0.5	0.39	5	2.42	590	0.5	0.92	47	7020
01-DU-012B	79	35	5.46	10	0.5	0.65	10	2.56	760	0.5	0.65	52	3760
01-DU-013	170	171	7.79	20	0.5	2.75	10	2.92	750	0.5	0.61	110	2370
01-DU-017	156	368	12.60	10	0.5	2.04	10	2.70	850	11	0.58	231	6210
01-DU-018	131	99	8.41	20	0.5	2.46	40	3.57	770	1	0.43	83	2120
01-DU-019	191	254	10.65	20	0.5	3.19	20	3.29	735	4	0.48	132	2920
01-DU-020	206	284	10.60	20	0.5	3.69	10	3.49	850	0.5	0.44	179	1800
01-DU-021	196	226	9.92	20	0.5	3.42	20	3.29	805	1	0.43	146	1670

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
98-DU-1	46	0.04	1	15	14	0.35	10	5	140	5	412	
98-DU-17	46	0.01	1	14	21	0.37	10	5	115	5	238	
98-DU-2	44	0.04	1	12	14	0.29	5	5	144	5	438	
98-DU-6	40	0.01	1	13	15	0.32	5	5	150	5	432	
98-DU-8	46	0.04	1	14	14	0.30	5	5	154	5	394	
98-DU-9	48	0.01	1	13	16	0.31	5	5	147	5	444	
98-DU-FL-1	42	0.07	1	14	13	0.30	5	5	141	5	694	
98-DU-FL-10G	56	3.28	1	10	58	0.22	5	5	162	5	122	
98-DU-FL-11G	32	7.12	1	2	69	0.20	5	5	119	5	36	
98-DU-FL-12	32	0.06	1	13	15	0.32	5	5	151	5	568	
98-DU-FL-13	30	0.02	1	15	17	0.39	5	5	145	5	1090	
98-DU-FL-14	32	0.03	1	14	14	0.33	5	5	156	5	824	
98-DU-FL-15G	60	1.86	2	7	23	0.21	5	5	176	5	124	
98-DU-FL-16	44	0.17	1	12	15	0.25	5	5	138	5	798	
98-DU-FL-18	26	0.03	1	13	12	0.32	5	5	147	5	746	
98-DU-FL-2	46	0.13	1	11	18	0.25	5	5	126	5	704	
98-DU-FL-3	66	0.58	1	14	16	0.25	5	10	205	5	368	
98-DU-FL-4	40	0.17	1	13	12	0.30	10	5	142	5	704	
98-DU-FL-5	42	0.17	1	13	15	0.29	5	5	176	5	380	
98-DU-FL-6	60	0.60	1	14	18	0.22	5	5	210	5	240	
98-DU-FL-7	52	0.07	1	12	12	0.31	5	5	141	5	516	
98-DU-FL-8	30	0.02	1	13	16	0.31	5	5	161	5	344	
98-DU-FL-9	82	2.45	1	12	48	0.23	5	5	135	5	174	
98-DU-RB-1	54	0.03	1	16	12	0.34	5	5	160	5	400	
98-DU-RB-10	38	0.04	2	13	13	0.32	5	5	138	5	558	
98-DU-RB-2	36	0.02	1	14	13	0.32	5	5	142	5	428	
98-DU-RB-3	28	0.01	1	15	13	0.36	5	5	139	5	466	
98-DU-RB-4	38	0.04	1	13	14	0.31	5	5	148	5	496	
98-DU-RB-5	48	0.03	1	15	14	0.35	5	5	145	5	708	
98-DU-RB-6	40	0.01	1	15	13	0.37	5	5	147	10	426	
98-DU-RB-7	36	0.01	1	14	13	0.34	5	5	145	5	452	
98-DU-RB-8	42	0.01	2	14	13	0.35	5	5	141	5	830	
98-DU-RB-9	30	0.01	1	14	11	0.33	5	5	135	5	554	
01-DU-001	56	0.07	1	16	15	0.36	20	5	141	5	172	
01-DU-002	40	0.04	1	16	11	0.41	10	5	147	5	222	
01-DU-003	34	0.01	1	17	20	0.45	10	5	152	10	216	
01-DU-004	40	0.02	1	18	8	0.50	5	5	152	5	200	
01-DU-005	40	0.03	1	18	11	0.52	5	5	163	5	228	
01-DU-007	42	0.05	1	16	12	0.39	10	5	149	10	204	
01-DU-008	18	0.04	1	14	12	0.35	10	5	127	5	162	
01-DU-009	24	0.03	1	18	8	0.39	5	5	143	10	168	
01-DU-012A	20	0.11	1	4	87	0.05	5	5	63	5	96	
01-DU-012B	34	0.05	1	9	22	0.14	5	5	87	5	106	
01-DU-013	16	0.03	1	17	16	0.42	5	5	138	10	222	
01-DU-017	48	0.03	1	15	8	0.36	10	5	136	5	378	
01-DU-018	32	0.01	1	15	18	0.41	10	5	139	5	274	
01-DU-019	46	0.05	1	18	9	0.49	5	5	163	5	242	
01-DU-020	32	0.01	1	19	9	0.54	5	5	166	5	260	
01-DU-021	30	0.01	1	18	10	0.49	5	5	163	5	240	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-022	18	517247	7624341	0.1	6.64	154	5	380	2.0	1	0.13	0.3	42
01-DU-024	18	506767	7634134	0.1	4.87	1	30	220	2.0	1	2.64	0.3	25
01-DU-026	18	476398	7684776	0.1	2.33	1	5	50	1.5	1	0.31	0.3	11
01-DU-028	18	479668	7672819	0.1	3.94	1	5	180	1.5	1	0.28	0.3	18
01-DU-030	18	495361	7674225	0.1	5.53	2	5	220	2.5	1	0.79	0.3	31
01-DU-033	18	488186	7654157	0.1	5.57	166	5	300	2.5	1	0.16	0.5	48
01-DU-036	18	598670	7556660	0.1	4.00	1	20	200	2.0	1	2.73	0.3	17
01-DU-038	18	587100	7552900	0.1	3.57	1	10	150	2.0	1	1.04	0.3	15
01-DU-042	18	605940	7553351	0.1	4.58	1	5	230	4.0	1	0.17	0.3	20
01-DU-043	18	613358	7559994	0.1	3.46	1	5	180	2.0	1	0.21	0.3	17
01-DU-044	18	611475	7562417	0.1	5.10	1	10	440	2.5	1	0.87	0.5	26
01-DU-045	18	606766	7565620	0.1	4.40	1	10	320	2.0	1	0.26	0.3	20
01-DU-047	18	618231	7569035	0.1	4.42	1	10	350	2.0	1	3.70	0.3	19
01-DU-048	18	560704	7607868	0.1	8.11	186	5	500	3.0	1	0.04	0.3	58
01-DU-055AG	18	594191	7595587	5.2	0.18	64	5	100	1.0	6	0.01	6.5	6
01-DU-055BG	18	594191	7595587	14.4	0.05	114	5	110	1.0	1	0.01	7.0	5
01-DU-056	18	582823	7590662	0.1	6.64	1	5	250	7.0	1	0.02	0.3	28
01-DU-057	18	499865	7664660	0.1	4.98	1	30	230	2.0	1	1.24	0.5	27
01-DU-058	18	515654	7648365	0.1	6.14	342	5	380	1.5	1	0.05	0.3	34
01-DU-061	18	552428	7629685	0.1	6.49	184	5	330	1.5	1	0.08	0.3	41
01-DU-062	18	559972	7628171	0.1	7.02	124	10	290	2.0	1	0.11	0.3	39
01-DU-063	18	555618	7635259	0.1	6.98	234	5	300	2.0	1	0.05	0.5	44
01-DU-064	18	534830	7645468	0.1	5.40	272	5	280	1.5	1	0.12	0.3	51
01-DU-068	18	502143	7705130	0.1	2.10	1	10	70	1.5	1	0.34	0.3	12
01-DU-071	18	502140	7735134	0.1	3.96	1	5	160	1.5	1	0.29	0.3	27
01-DU-072	18	467612	7736613	0.1	4.83	1	5	280	1.5	1	0.40	0.3	37
01-DU-074	18	468111	7730673	0.1	2.05	1	5	90	1.5	2	0.32	0.3	10
01-DU-075	18	471745	7726877	0.1	3.81	1	5	100	2.5	1	0.21	0.3	24
01-DU-076	18	482000	7723000	0.1	3.19	1	5	80	1.5	1	0.27	0.3	15
01-DU-077	18	491259	7727766	0.1	1.49	1	5	60	1.5	2	0.44	0.3	10
01-DU-083	18	461705	7703460	0.1	2.35	1	5	40	1.5	1	0.21	0.3	10
01-DU-084	18	469259	7705965	0.1	1.88	1	5	50	1.0	1	0.70	0.3	9
01-DU-086	18	476157	7763442	0.1	3.74	1	5	250	0.5	1	0.33	0.3	26
01-DU-089	18	462747	7752454	0.1	3.34	2	5	100	1.5	1	0.25	0.3	26
01-DU-093	18	501736	7739709	0.1	2.89	1	20	50	1.5	6	0.14	0.3	13
01-DU-094	18	469345	7743155	0.2	2.94	1	5	100	1.0	1	0.22	0.3	21
01-DU-095	18	503966	7679308	0.2	5.27	40	10	290	2.5	2	1.37	4.5	38
01-DU-096	18	508400	7672800	0.2	5.10	194	5	320	2.5	1	0.31	1.5	70
01-DU-097	18	505032	7689351	0.1	6.14	1	10	490	2.5	2	1.46	2.0	33
01-DU-098	18	488922	7694930	0.1	2.28	1	5	80	1.0	1	0.31	0.3	13
01-DU-099	18	490158	7692640	0.1	3.89	1	5	110	2.0	1	0.24	0.3	20
01-DU-106	18	523100	7761600	0.1	6.10	1	5	170	1.5	1	0.19	0.3	33
01-DU-107	18	509899	7763211	0.1	4.84	1	5	140	2.0	1	0.21	0.3	37
01-DU-108	18	525737	7751544	0.1	1.29	1	40	70	0.5	1	0.30	0.5	10
01-DU-111	18	526400	7746600	0.1	2.12	1	5	80	0.5	1	0.47	0.3	15
01-DU-113	18	528100	7749300	0.1	3.24	1	5	120	1.0	1	0.30	0.3	21
01-DU-114	18	530763	7738098	0.1	3.03	1	10	80	2.5	1	0.33	0.3	21
01-DU-115	18	534000	7732130	0.1	6.14	1	10	530	3.0	1	0.41	0.3	29
01-DU-116	18	538800	7736600	0.1	7.13	1	5	430	3.0	2	0.23	0.3	19

Appendix II – Till geochemistry, <0.002 mm, ICP–AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-022	189	309	10.20	20	0.5	3.31	10	3.29	830	0.5	0.47	197	1620
01-DU-024	136	76	6.86	10	0.5	2.26	30	2.98	565	0.5	0.54	75	1560
01-DU-026	20	43	3.19	10	0.5	0.53	50	1.26	500	0.5	0.54	16	3180
01-DU-028	51	54	5.51	20	0.5	1.60	40	2.41	800	0.5	0.57	45	2920
01-DU-030	128	131	8.09	20	0.5	2.24	20	3.39	885	0.5	0.48	111	2250
01-DU-033	153	242	11.25	10	0.5	2.54	10	3.08	995	10	0.47	227	2510
01-DU-036	95	30	6.25	10	0.5	1.55	30	2.64	420	0.5	0.67	40	2000
01-DU-038	81	39	4.89	10	0.5	1.03	30	2.25	280	0.5	0.58	37	1870
01-DU-042	110	43	5.66	20	0.5	1.24	30	1.74	500	0.5	0.76	38	3140
01-DU-043	90	35	5.16	10	0.5	1.12	50	1.54	430	0.5	0.84	34	7480
01-DU-044	99	48	7.07	10	0.5	1.15	50	2.35	760	0.5	0.57	46	2220
01-DU-045	66	43	6.10	10	0.5	1.24	40	2.06	615	0.5	0.73	30	3490
01-DU-047	75	35	5.61	10	0.5	1.47	30	2.04	465	0.5	0.46	32	1470
01-DU-048	241	245	11.30	30	0.5	3.89	10	3.75	900	0.5	0.40	183	3910
01-DU-055AG	25	114	20.00	5	0.5	2.43	5	0.11	15	32	0.51	5	7680
01-DU-055BG	21	127	20.00	5	0.5	2.21	5	0.05	0.25	93	0.42	1	9400
01-DU-056	181	198	10.95	30	0.5	2.56	5	2.23	540	10	0.50	62	4450
01-DU-057	104	99	7.85	10	0.5	2.09	50	3.91	790	3	0.46	82	3390
01-DU-058	180	270	13.30	10	0.5	2.65	10	2.91	635	10	0.55	92	7350
01-DU-061	186	268	9.73	10	0.5	2.88	10	3.08	735	0.5	0.54	168	3650
01-DU-062	196	237	10.10	20	0.5	2.82	50	3.35	695	0.5	0.51	131	2970
01-DU-063	182	309	10.45	20	0.5	2.53	30	3.09	735	4	0.72	129	6260
01-DU-064	159	253	9.19	10	0.5	2.26	30	2.63	660	3	0.88	139	8940
01-DU-068	34	39	3.30	5	0.5	0.49	70	0.86	490	0.5	3.61	17	15000
01-DU-071	170	71	6.35	20	0.5	1.72	30	2.76	1040	0.5	0.71	65	5840
01-DU-072	175	138	8.77	10	0.5	2.43	40	2.66	1105	0.5	2.03	88	15000
01-DU-074	17	37	4.00	5	0.5	0.45	30	0.71	465	0.5	1.22	11	15000
01-DU-075	148	77	5.71	10	0.5	0.97	30	1.93	1010	0.5	1.71	55	15000
01-DU-076	48	63	3.49	10	0.5	0.55	20	1.07	540	0.5	0.80	23	7930
01-DU-077	24	51	5.66	5	0.5	0.36	100	0.71	340	0.5	2.42	10	15000
01-DU-083	16	36	2.66	10	0.5	0.33	40	0.88	320	0.5	0.42	10	3150
01-DU-084	16	23	2.88	10	0.5	0.41	30	1.01	325	0.5	0.54	11	3950
01-DU-086	120	69	5.68	10	0.5	1.22	30	1.92	755	0.5	1.52	61	15000
01-DU-089	98	94	6.45	10	0.5	0.76	60	1.46	625	5	1.86	50	15000
01-DU-093	36	52	3.59	5	0.5	0.36	40	0.66	480	1	2.57	16	15000
01-DU-094	69	109	3.99	5	0.5	0.68	10	1.14	465	1	1.51	44	15000
01-DU-095	109	217	10.20	10	0.5	1.54	10	4.22	915	14	0.45	281	2800
01-DU-096	109	307	13.10	10	0.5	1.60	30	2.75	1065	7	0.50	315	3420
01-DU-097	106	112	7.19	10	0.5	1.21	20	7.00	1510	0.5	0.72	98	4010
01-DU-098	16	40	3.43	5	0.5	0.67	40	1.37	495	0.5	0.47	12	5050
01-DU-099	34	54	5.08	10	0.5	0.65	30	2.20	1165	0.5	1.19	22	15000
01-DU-106	168	64	8.11	20	0.5	1.78	50	3.24	1155	0.5	0.72	71	3990
01-DU-107	279	163	7.22	20	0.5	1.45	40	3.54	1115	2	0.73	108	4980
01-DU-108	31	28	4.35	5	0.5	0.43	80	0.57	350	1	5.55	13	15000
01-DU-111	29	36	4.67	10	0.5	1.22	110	1.44	595	0.5	1.19	18	15000
01-DU-113	43	28	5.40	10	0.5	1.76	80	2.25	880	0.5	0.62	28	5010
01-DU-114	44	34	6.05	10	0.5	0.82	130	1.66	985	5	1.65	22	15000
01-DU-115	78	89	7.73	30	0.5	1.53	60	4.58	895	0.5	0.72	101	2120
01-DU-116	77	34	5.09	10	0.5	0.59	30	2.92	970	0.5	1.17	37	15000

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-022	28	0.01	1	18	9	0.49	5	5	156	5	270	
01-DU-024	22	0.03	1	14	47	0.37	5	5	135	5	190	
01-DU-026	36	0.02	1	7	13	0.17	20	5	43	5	86	
01-DU-028	28	0.01	1	13	11	0.38	10	5	88	5	192	
01-DU-030	28	0.01	1	16	14	0.41	5	5	132	5	240	
01-DU-033	26	0.02	1	15	7	0.38	5	5	141	5	422	
01-DU-036	36	0.04	1	13	46	0.31	5	5	130	5	162	
01-DU-038	32	0.07	1	12	24	0.26	5	5	121	5	160	
01-DU-042	74	0.04	1	12	12	0.40	10	5	111	5	190	
01-DU-043	44	0.01	1	12	16	0.34	20	5	100	5	148	
01-DU-044	52	0.06	1	17	30	0.39	10	5	143	5	202	
01-DU-045	44	0.03	1	14	20	0.38	10	5	104	5	182	
01-DU-047	34	0.01	1	14	59	0.41	5	5	108	5	184	
01-DU-048	38	0.01	1	23	13	0.60	5	5	200	10	266	
01-DU-055AG	40	6.22	1	1	29	0.19	5	5	372	5	22	
01-DU-055BG	100	5.63	1	0.5	33	0.14	5	5	731	5	24	
01-DU-056	30	0.10	1	22	11	0.57	5	5	194	5	222	
01-DU-057	30	0.03	1	13	27	0.34	10	5	127	5	288	
01-DU-058	148	0.17	1	16	15	0.40	5	5	151	10	224	
01-DU-061	34	0.02	1	16	11	0.39	5	5	155	10	242	
01-DU-062	40	0.01	1	17	24	0.40	10	5	164	5	220	
01-DU-063	56	0.01	1	16	17	0.41	10	5	151	5	230	
01-DU-064	44	0.03	1	14	18	0.36	10	5	136	5	228	
01-DU-068	42	0.05	1	6	15	0.13	10	5	49	5	72	
01-DU-071	40	0.01	1	13	15	0.37	10	5	88	5	184	
01-DU-072	46	0.03	1	16	18	0.29	10	5	140	5	176	
01-DU-074	32	0.02	1	6	10	0.13	10	10	26	5	94	
01-DU-075	58	0.09	1	9	14	0.21	10	5	78	5	144	
01-DU-076	40	0.06	1	6	13	0.20	10	5	48	5	90	
01-DU-077	56	0.01	1	7	25	0.13	10	5	64	5	64	
01-DU-083	32	0.03	1	4	11	0.12	10	5	30	5	68	
01-DU-084	32	0.01	1	5	15	0.12	5	5	31	5	86	
01-DU-086	30	0.03	1	12	17	0.27	5	5	92	5	144	
01-DU-089	62	0.05	1	10	15	0.20	5	10	88	5	102	
01-DU-093	38	0.14	1	4	11	0.12	5	5	47	5	58	
01-DU-094	60	0.06	1	7	9	0.16	5	5	58	5	104	
01-DU-095	58	0.01	1	14	14	0.31	5	5	193	5	798	
01-DU-096	36	0.07	1	11	11	0.22	10	5	126	5	446	
01-DU-097	118	0.07	1	14	11	0.28	5	5	127	5	578	
01-DU-098	36	0.01	1	7	13	0.20	10	5	47	5	90	
01-DU-099	74	0.07	1	9	15	0.20	10	5	71	5	146	
01-DU-106	38	0.03	1	14	17	0.51	10	5	144	5	194	
01-DU-107	76	0.04	1	12	17	0.37	10	5	123	10	188	
01-DU-108	30	0.05	1	5	18	0.15	10	5	61	5	60	
01-DU-111	42	0.01	1	9	23	0.23	10	5	67	5	106	
01-DU-113	30	0.01	1	12	22	0.34	5	5	80	5	156	
01-DU-114	52	0.01	1	11	25	0.22	10	5	96	5	104	
01-DU-115	58	0.03	1	17	16	0.49	10	5	134	5	244	
01-DU-116	36	0.04	1	11	15	0.33	10	5	91	10	112	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-117	18	542981	7731037	0.1	7.20	1	5	120	2.0	1	0.11	0.3	26
01-DU-120	18	506006	7754273	0.1	4.95	1	5	150	2.0	1	0.27	0.3	33
01-DU-121	18	510678	7749430	0.1	1.87	2	10	50	0.5	10	0.12	0.3	11
01-DU-123	18	521042	7742043	0.1	4.14	1	5	150	1.5	1	0.25	0.3	25
01-DU-124	18	521284	7739852	0.1	2.95	1	5	90	1.5	1	0.24	0.3	20
01-DU-125	18	514368	7730560	0.1	2.04	1	5	60	1.0	1	0.30	0.3	12
01-DU-126	18	574638	7733808	0.1	8.14	1	5	140	2.0	1	0.04	0.3	27
01-DU-127	18	584800	7725200	0.1	7.11	1	5	90	1.5	1	0.05	0.3	18
01-DU-128	18	587900	7725300	0.1	5.65	1	5	170	2.0	1	0.15	0.3	43
01-DU-129	18	596072	7722228	0.1	6.40	1	5	170	2.5	1	0.20	0.3	36
01-DU-130	18	593085	7720374	0.1	5.92	1	5	150	2.0	1	0.17	0.5	32
01-DU-131	18	600640	7719708	0.1	5.41	1	5	130	2.0	1	0.21	0.5	29
01-DU-132	18	609205	7717440	0.1	7.09	1	5	130	2.0	1	0.13	0.3	30
01-DU-132B	18	609205	7717440	0.1	6.47	1	5	140	2.0	1	0.19	0.5	32
01-DU-133	18	602283	7706913	1.6	3.38	182	5	90	2.0	1	0.18	3.5	17
01-DU-134	18	605044	7705407	0.2	5.93	54	5	360	2.0	1	0.08	1.5	30
01-DU-134A	18	605044	7705407	0.1	6.85	1	5	170	2.5	1	0.13	0.5	33
01-DU-136	18	596252	7703315	1.4	2.32	262	5	30	1.0	6	0.01	2.0	7
01-DU-136G	18	596252	7703315	1.2	2.24	526	5	40	1.0	1	0.01	2.5	8
01-DU-137	18	603705	7697306	0.2	5.75	32	5	290	2.0	1	0.06	0.5	22
01-DU-140	18	612008	7698836	0.1	6.44	80	5	140	4.0	1	0.02	0.3	22
01-DU-143	18	617249	7708699	0.1	5.64	2	5	230	2.0	1	0.09	0.3	26
01-DU-144	18	609632	7678583	0.6	5.93	128	5	290	3.0	2	0.04	0.3	24
01-DU-145	18	611800	7677500	0.1	6.70	480	5	350	3.0	2	0.04	0.3	38
01-DU-147	18	613095	7597969	0.2	5.23	1	5	320	2.0	6	0.03	0.3	23
01-DU-148	18	616369	7594939	0.6	5.37	1	5	480	2.5	8	0.01	0.3	21
01-DU-149	18	619076	7585679	0.2	6.16	1	5	220	3.5	1	0.09	0.3	43
01-DU-150	18	620376	7583173	0.1	5.85	1	10	220	3.5	1	0.12	0.3	29
01-DU-151	18	613430	7584340	0.1	7.37	1	5	200	6.5	1	0.03	0.3	36
01-DU-152	18	611906	7592875	0.1	6.30	1	5	400	2.5	1	0.04	0.3	26
01-DU-152G	18	611906	7592875	1.2	1.12	1	5	120	0.5	6	0.01	2.5	7
01-DU-153	18	597315	7571602	0.1	5.75	1	10	200	3.0	1	0.27	0.3	30
01-DU-154	18	590447	7578544	0.1	5.47	1	5	170	5.0	1	0.07	0.3	43
01-DU-154B	18	590447	7578544	0.1	4.80	1	5	140	4.5	1	0.08	0.3	39
01-DU-155	18	597480	7588170	0.1	5.22	26	5	520	2.5	2	0.05	2.0	21
01-DU-156	18	519569	7694628	0.1	7.44	1	5	80	2.5	1	0.10	0.3	22
01-DU-157	18	509225	7698489	0.1	5.17	1	5	160	1.5	1	0.20	0.3	31
01-DU-158	18	502824	7710854	0.1	6.34	1	10	610	2.5	1	0.58	0.3	24
01-DU-160	18	488171	7710498	0.1	2.02	1	5	30	1.5	1	0.27	0.3	12
01-DU-161	18	495305	7709050	0.1	3.55	1	5	60	2.5	1	0.25	0.3	19
01-DU-162	18	503769	7703312	0.1	5.73	1	10	210	3.5	1	0.30	2.5	37
01-DU-164	18	518247	7683741	0.1	5.22	1	5	260	1.5	1	0.35	1.5	31
01-DU-165	18	586867	7697061	0.8	5.37	22	5	120	2.0	1	0.02	2.0	19
01-DU-165G	18	586867	7697061	1	2.93	20	5	50	1.5	10	0.01	8.0	7
01-DU-166	18	589342	7690485	0.2	5.19	46	5	650	2.0	1	0.04	2.0	22
01-DU-166G	18	589342	7690485	4	0.87	60	5	180	1.0	10	0.01	12.5	6
01-DU-167	18	596600	7690177	0.1	6.70	60	5	330	2.0	1	0.05	2.0	26
01-DU-168	18	585200	7679300	0.2	5.93	80	5	420	2.0	1	0.05	2.0	21
01-DU-169	18	597541	7682408	0.1	5.88	34	5	380	2.0	1	0.05	2.0	23

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-117	88	35	7.79	30	0.5	0.58	30	1.70	720	0.5	1.30	40	15000
01-DU-120	466	70	7.31	20	0.5	1.68	50	4.33	1465	0.5	2.43	129	15000
01-DU-121	34	32	2.62	5	0.5	0.32	30	0.58	465	0.5	3.77	13	15000
01-DU-123	42	41	6.65	20	0.5	2.26	90	2.86	1030	0.5	0.34	32	1480
01-DU-124	54	42	4.79	10	0.5	1.37	80	1.92	880	2	1.50	24	15000
01-DU-125	21	28	3.36	5	0.5	0.71	60	1.10	580	0.5	1.15	13	15000
01-DU-126	54	91	9.26	30	0.5	1.72	70	2.33	820	34	0.51	36	3190
01-DU-127	71	28	6.18	30	0.5	0.87	50	1.60	485	0.5	0.56	31	3070
01-DU-128	71	93	10.45	20	0.5	1.87	180	2.36	1645	6	0.86	43	5960
01-DU-129	62	74	9.76	30	0.5	2.35	170	3.17	1110	2	0.59	46	2440
01-DU-130	64	62	9.24	30	0.5	2.43	140	3.02	1115	4	0.57	40	2550
01-DU-131	64	62	8.18	20	0.5	1.63	110	2.43	945	9	1.10	39	9040
01-DU-132	82	62	8.67	30	0.5	1.17	50	2.17	855	3	0.89	46	6210
01-DU-132B	96	74	8.38	20	0.5	1.10	70	2.14	890	4	1.32	52	15000
01-DU-133	95	162	20.00	10	0.5	0.51	20	0.88	910	97	0.49	39	4750
01-DU-134	91	116	13.05	30	0.5	1.99	100	1.99	810	30	0.59	41	4660
01-DU-134A	50	50	9.82	30	0.5	1.89	100	2.64	1200	4	0.70	37	3120
01-DU-136	71	159	20.00	10	1	0.14	5	0.30	95	275	0.54	10	6280
01-DU-136G	78	138	20.00	20	0.5	0.22	5	0.27	90	118	0.56	18	7350
01-DU-137	133	151	10.60	20	0.5	2.00	30	2.18	615	15	0.54	43	4220
01-DU-140	62	112	8.73	10	0.5	0.92	20	1.00	440	6	0.66	45	5530
01-DU-143	109	101	9.37	20	0.5	1.91	30	2.08	785	11	0.52	55	3370
01-DU-144	153	290	13.85	10	0.5	1.20	50	1.80	375	30	0.58	57	6370
01-DU-145	171	319	10.55	20	0.5	1.99	60	2.66	665	7	0.48	107	4470
01-DU-147	202	180	10.25	10	0.5	2.42	10	2.02	605	9	1.51	53	15000
01-DU-148	201	355	20.00	20	0.5	3.01	30	1.84	565	17	0.54	40	6540
01-DU-149	144	161	8.04	20	0.5	1.82	10	2.12	690	1	1.57	101	15000
01-DU-150	146	98	7.96	20	0.5	2.66	10	2.43	480	0.5	0.47	73	1840
01-DU-151	164	218	10.05	30	0.5	2.56	5	2.34	545	6	0.39	81	3440
01-DU-152	209	193	10.10	20	0.5	2.60	10	2.27	690	7	0.52	65	5700
01-DU-152G	309	174	20.00	20	0.5	3.34	40	0.46	120	21	0.52	11	7320
01-DU-153	122	104	6.78	20	0.5	1.96	20	2.45	460	0.5	0.73	73	2810
01-DU-154	157	228	8.04	10	0.5	1.61	10	2.06	645	2	0.61	127	5210
01-DU-154B	140	179	7.10	10	0.5	1.21	10	1.81	590	1	0.81	110	7710
01-DU-155	147	373	12.85	10	0.5	2.18	60	1.67	475	14	0.57	41	9920
01-DU-156	48	47	5.62	20	0.5	0.42	50	1.52	720	0.5	0.89	32	15000
01-DU-157	99	74	6.95	10	0.5	0.86	40	2.24	1090	0.5	1.41	51	15000
01-DU-158	68	55	6.62	30	0.5	1.82	50	6.64	975	0.5	0.83	39	3690
01-DU-160	18	40	3.48	5	0.5	0.39	50	0.80	495	0.5	1.22	11	15000
01-DU-161	37	42	4.60	10	0.5	0.62	40	1.76	980	0.5	1.28	20	15000
01-DU-162	129	230	8.86	20	0.5	1.44	40	3.96	835	0.5	0.57	127	2310
01-DU-164	65	89	7.82	30	0.5	1.66	110	3.13	1200	0.5	0.99	46	8050
01-DU-165	67	107	12.50	20	0.5	0.80	10	0.95	385	32	0.74	28	6630
01-DU-165G	191	160	20.00	30	0.5	0.66	5	1.51	895	328	0.56	18	7940
01-DU-166	99	157	11.75	10	0.5	1.86	20	1.94	575	20	0.48	40	4650
01-DU-166G	47	183	20.00	20	0.5	1.43	5	0.37	95	96	0.43	6	15000
01-DU-167	174	185	12.40	20	0.5	2.49	30	2.66	635	10	0.49	58	5290
01-DU-168	145	213	10.60	20	0.5	2.32	40	2.32	540	10	0.52	46	5920
01-DU-169	137	184	11.40	20	0.5	2.17	30	2.27	615	13	0.49	46	4800

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-117	36	0.06	1	8	12	0.40	10	5	153	5	128	
01-DU-120	58	0.03	1	15	19	0.25	20	5	112	5	184	
01-DU-121	22	0.08	1	2	10	0.09	10	5	36	5	46	
01-DU-123	36	0.01	1	16	18	0.59	10	5	102	5	188	
01-DU-124	40	0.01	1	10	18	0.27	10	5	73	5	130	
01-DU-125	32	0.01	1	7	14	0.19	10	5	48	5	84	
01-DU-126	58	0.04	1	17	14	0.68	5	5	142	10	198	
01-DU-127	60	0.04	1	14	12	0.52	10	5	127	10	156	
01-DU-128	86	0.01	1	18	23	0.59	10	5	181	5	214	
01-DU-129	78	0.02	1	17	29	0.77	10	5	169	5	258	
01-DU-130	68	0.01	1	18	22	0.72	10	5	165	5	246	
01-DU-131	80	0.04	1	14	25	0.39	10	40	141	5	216	
01-DU-132	52	0.02	1	14	19	0.52	5	5	141	5	204	
01-DU-132B	58	0.03	1	13	23	0.40	10	5	138	5	198	
01-DU-133	106	0.16	12	13	25	0.27	5	5	507	5	276	
01-DU-134	104	0.52	1	16	38	0.50	5	5	180	5	264	
01-DU-134A	72	0.01	1	17	26	0.65	5	5	167	5	236	
01-DU-136	112	0.09	8	8	13	0.21	5	5	579	5	154	
01-DU-136G	92	0.18	4	8	8	0.14	5	5	324	5	96	
01-DU-137	52	0.05	1	14	34	0.44	5	5	148	5	200	
01-DU-140	64	0.12	1	8	17	0.32	5	5	76	5	120	
01-DU-143	46	0.02	1	14	30	0.45	10	5	132	5	208	
01-DU-144	88	0.67	1	10	78	0.20	10	5	158	5	142	
01-DU-145	76	0.15	1	14	104	0.31	10	5	141	5	182	
01-DU-147	36	0.27	1	14	34	0.31	5	5	138	10	162	
01-DU-148	78	1.88	1	19	98	0.41	5	5	161	5	176	
01-DU-149	44	0.08	1	14	12	0.36	10	5	151	5	280	
01-DU-150	24	0.01	1	19	12	0.62	5	5	178	5	242	
01-DU-151	62	0.04	1	23	9	0.64	5	30	211	5	284	
01-DU-152	40	0.38	1	18	38	0.46	5	5	158	10	166	
01-DU-152G	46	4.97	1	18	193	0.29	5	5	185	5	68	
01-DU-153	28	0.05	1	19	12	0.53	5	5	137	5	224	
01-DU-154	40	0.05	1	15	9	0.40	5	5	153	5	256	
01-DU-154B	34	0.08	1	12	9	0.33	5	5	135	5	212	
01-DU-155	190	1.34	1	18	144	0.39	10	5	135	10	122	
01-DU-156	38	0.07	1	9	13	0.26	5	5	86	10	98	
01-DU-157	22	0.11	1	9	16	0.24	5	5	123	5	132	
01-DU-158	28	0.02	1	16	17	0.49	5	5	102	5	150	
01-DU-160	54	0.04	1	7	15	0.17	5	5	48	5	62	
01-DU-161	148	0.08	1	9	16	0.20	5	5	69	5	102	
01-DU-162	150	0.04	1	18	14	0.29	5	5	147	5	568	
01-DU-164	36	0.01	1	17	21	0.39	5	5	116	5	224	
01-DU-165	96	0.18	1	6	15	0.33	5	5	189	5	120	
01-DU-165G	98	0.33	1	16	11	0.30	5	5	1850	5	154	
01-DU-166	76	0.27	1	13	24	0.34	5	5	127	5	490	
01-DU-166G	72	2.31	1	5	31	0.21	5	5	132	5	100	
01-DU-167	52	0.06	1	16	50	0.48	5	5	159	10	200	
01-DU-168	54	0.30	1	15	68	0.43	5	5	138	10	196	
01-DU-169	62	0.26	1	14	45	0.41	5	5	141	5	238	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-170	18	612149	7667507	0.1	7.52	256	5	320	2.5	1	0.06	1.5	43
01-DU-171	18	617007	7688094	0.2	7.48	72	5	310	2.5	1	0.04	1.0	21
01-DU-172	18	598322	7664303	0.1	6.37	398	5	270	2.5	1	0.05	2.5	35
01-DU-175	18	550185	7721224	0.1	7.36	1	5	210	1.5	1	0.15	1.5	30
01-DU-176	18	548736	7730021	0.1	6.38	1	5	210	1.5	1	0.19	2.5	35
01-DU-179	18	540081	7739422	0.1	4.24	1	5	210	1.5	1	0.48	0.5	22
01-DU-180	18	543129	7738099	0.1	5.05	1	5	270	1.5	1	0.44	1.5	25
01-DU-181	18	580572	7713753	0.1	4.68	1	5	120	2.0	1	0.32	1.5	26
01-DU-182	18	580381	7706183	0.1	3.22	1	5	80	1.5	1	0.35	0.5	20
01-DU-183	18	583907	7701028	0.2	5.81	1	5	440	2.5	1	0.14	3.5	38
01-DU-185	18	532760	7695480	0.1	3.59	1	5	80	1.0	1	0.20	0.3	19
01-DU-186	18	540787	7697472	0.1	4.14	1	5	170	1.5	1	0.26	0.5	26
01-DU-187	18	527511	7700851	0.1	3.54	1	5	160	0.5	1	0.32	0.3	22
01-DU-188	18	520182	7704316	0.1	5.54	1	5	200	2.0	1	0.24	2.0	36
01-DU-189	18	515909	7711970	0.1	5.55	1	5	180	1.5	1	0.22	1.0	27
01-DU-190	18	517643	7724651	0.1	5.38	1	10	340	2.0	1	0.26	0.5	27
01-DU-191	18	521846	7729415	0.1	2.83	1	5	100	0.5	1	0.21	0.5	13
01-DU-192	18	525033	7720150	0.1	4.45	1	5	100	1.0	1	0.16	0.5	17
01-DU-193	18	536624	7719708	0.1	5.71	1	5	90	1.5	2	0.12	0.3	22
01-DU-195	18	555108	7712557	0.1	6.99	1	5	350	2.0	1	0.15	3.0	51
01-DU-196	18	575216	7623071	0.1	6.67	236	5	300	2.0	1	0.06	1.5	53
01-DU-197	18	580012	7622718	0.2	6.76	202	10	340	2.0	1	0.30	2.5	41
01-DU-198	18	567200	7611700	0.1	6.85	348	5	490	3.0	1	0.04	0.5	38
01-DU-199	18	573232	7610655	0.4	7.46	234	5	500	3.0	1	0.02	1.5	40
01-DU-200	18	566850	7605200	0.1	8.14	228	5	440	5.5	1	0.04	2.0	54
01-DU-201	18	565321	7600362	0.2	5.90	238	5	270	3.0	2	0.09	2.0	61
01-DU-202	18	574768	7594875	0.1	6.43	1	5	220	5.5	1	0.05	2.0	40
01-DU-203	18	578732	7610594	0.4	7.09	200	5	710	2.0	2	0.05	2.5	39
01-DU-206	18	587529	7618844	0.1	6.04	228	10	320	2.0	1	2.30	2.5	31
01-DU-207	18	581917	7614655	0.1	7.04	30	10	350	2.0	1	0.25	2.0	37
01-DU-209	18	599947	7612093	0.1	7.34	108	5	470	2.5	1	0.05	1.5	43
01-DU-210	18	602631	7602127	0.1	7.56	58	5	390	2.5	1	0.05	1.5	50
01-DU-211	18	604972	7615651	0.1	7.26	88	5	370	2.5	1	0.05	2.0	52
01-DU-212	18	610585	7607871	0.1	7.73	1	5	400	3.0	1	0.03	1.5	35
01-DU-213	18	596930	7619346	0.2	6.14	216	5	370	2.0	1	0.51	1.5	33
01-DU-214	18	594180	7629959	0.1	6.84	202	5	280	2.0	1	0.05	1.5	55
01-DU-215	18	597796	7636398	0.6	6.13	248	5	360	2.0	1	0.09	1.5	35
01-DU-216	18	602904	7643727	0.1	6.77	164	5	300	2.0	1	0.05	1.5	42
01-DU-217	18	605683	7649687	0.1	6.63	248	5	290	2.0	1	0.06	1.5	49
01-DU-218	18	613532	7646039	0.1	6.14	824	5	520	1.5	1	0.05	2.0	38
01-DU-219	18	564660	7633719	0.1	7.31	262	5	330	2.0	1	0.03	1.5	53
01-DU-222	18	532627	7652962	0.1	7.60	262	5	330	3.0	1	0.03	1.5	60
01-DU-223	18	534777	7648889	0.6	5.55	182	5	260	1.5	1	0.03	1.0	28
01-DU-224	18	538899	7645767	0.2	6.49	352	5	390	1.5	1	0.04	2.0	34
01-DU-226	18	547063	7641062	0.1	6.94	310	5	400	1.5	1	0.04	1.5	34
01-DU-227	18	560066	7645291	0.1	6.19	200	5	290	1.5	1	0.05	1.5	38
01-DU-230	18	517632	7659489	0.1	6.02	138	5	280	2.0	1	0.05	2.5	52
01-DU-231	18	525943	7672334	0.1	4.21	8	5	280	1.5	1	6.10	2.5	24
01-DU-233	18	525307	7679266	0.1	5.43	50	10	260	3.5	1	0.18	1.5	50

Appendix II – Till geochemistry, <0.002 mm, ICP–AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-170	188	269	10.65	20	0.5	2.20	60	2.73	630	4	0.55	116	4630
01-DU-171	143	104	10.55	20	0.5	1.45	30	1.59	335	8	0.43	56	4180
01-DU-172	156	268	11.00	10	0.5	1.55	70	2.39	505	13	0.57	102	5970
01-DU-175	105	49	10.15	30	0.5	0.94	30	2.53	530	0.5	0.63	49	3160
01-DU-176	94	51	9.70	30	0.5	1.36	30	2.39	1015	0.5	1.07	49	6750
01-DU-179	45	49	5.71	10	0.5	1.56	60	2.53	780	0.5	1.09	31	8900
01-DU-180	70	52	6.27	10	0.5	0.96	40	2.60	1350	0.5	2.10	43	15000
01-DU-181	44	66	8.22	20	0.5	1.44	150	2.36	955	7	1.53	54	15000
01-DU-182	27	37	6.11	10	0.5	1.11	90	1.50	990	3	1.21	20	15000
01-DU-183	118	168	13.85	20	0.5	1.76	30	1.95	650	34	0.44	49	4430
01-DU-185	52	40	4.37	10	0.5	0.52	90	1.11	665	0.5	2.41	25	15000
01-DU-186	71	61	6.10	10	0.5	1.23	90	2.30	855	0.5	2.99	39	15000
01-DU-187	67	44	5.52	10	0.5	1.23	60	2.28	705	0.5	1.13	36	15000
01-DU-188	130	96	8.30	20	0.5	1.47	50	3.16	990	7	1.41	84	15000
01-DU-189	67	43	7.54	20	0.5	1.56	60	2.42	975	0.5	0.83	39	5390
01-DU-190	80	72	6.40	20	0.5	1.74	40	3.77	1035	0.5	0.86	57	2990
01-DU-191	24	16	3.69	10	0.5	0.96	30	1.74	595	0.5	1.26	15	15000
01-DU-192	65	30	6.21	10	0.5	0.56	40	1.17	465	0.5	1.69	25	15000
01-DU-193	64	45	5.89	30	0.5	0.55	40	1.76	445	0.5	0.71	35	6090
01-DU-195	106	162	12.80	30	0.5	2.96	70	3.36	1255	19	0.78	86	4880
01-DU-196	181	321	9.51	20	0.5	2.48	20	2.88	755	1	0.63	157	5160
01-DU-197	187	312	9.62	20	0.5	2.95	30	3.17	680	0.5	0.51	172	2320
01-DU-198	190	414	10.10	20	0.5	2.78	20	2.63	660	5	0.73	97	6070
01-DU-199	214	287	10.55	20	0.5	3.26	10	3.22	805	2	0.65	115	5530
01-DU-200	223	542	12.00	20	0.5	3.19	5	3.38	860	5	0.47	192	3890
01-DU-201	260	308	9.49	10	0.5	1.85	10	2.68	975	2	1.09	213	9460
01-DU-202	200	178	8.86	20	0.5	2.41	10	2.66	800	1	0.84	93	7170
01-DU-203	216	377	13.85	20	0.5	4.59	50	3.36	775	6	0.65	111	5530
01-DU-206	167	262	8.52	10	0.5	2.75	10	3.00	630	0.5	0.52	136	1880
01-DU-207	206	131	9.57	20	0.5	3.44	30	3.70	770	0.5	0.47	110	2630
01-DU-209	211	371	11.25	20	0.5	3.32	10	3.27	795	2	0.63	114	5290
01-DU-210	223	303	11.10	20	0.5	3.36	10	3.45	875	1	0.57	153	4110
01-DU-211	206	341	11.05	20	0.5	3.08	10	3.31	800	2	0.53	171	3710
01-DU-212	239	226	10.20	30	0.5	3.78	5	3.54	885	0.5	0.41	109	2620
01-DU-213	171	224	8.69	10	0.5	2.59	10	2.92	670	0.5	0.52	133	2430
01-DU-214	189	277	9.77	20	0.5	2.36	20	3.05	840	4	0.46	135	3480
01-DU-215	168	229	9.28	20	0.5	2.25	80	2.79	575	1	1.69	106	15000
01-DU-216	183	315	9.79	10	0.5	2.47	40	2.94	640	6	0.69	126	6730
01-DU-217	167	222	8.67	20	0.5	2.07	50	2.69	690	0.5	0.54	116	5280
01-DU-218	167	474	11.15	10	0.5	2.57	140	2.63	585	11	0.50	102	5870
01-DU-219	187	319	10.45	20	0.5	2.63	20	3.19	845	0.5	0.40	134	3170
01-DU-222	186	405	11.30	20	0.5	2.53	10	2.97	950	6	0.56	162	7260
01-DU-223	146	165	8.88	10	0.5	1.80	5	1.97	635	4	0.98	70	7220
01-DU-224	183	263	11.05	20	0.5	2.97	10	2.95	765	4	0.67	90	6630
01-DU-226	181	253	10.40	20	0.5	2.96	20	3.08	745	3	0.60	87	5820
01-DU-227	153	241	9.06	10	0.5	2.23	20	2.55	650	3	0.67	103	5810
01-DU-230	141	272	13.75	20	0.5	2.12	5	2.68	755	13	0.59	171	6540
01-DU-231	63	125	6.35	10	0.5	1.15	10	5.16	635	0.5	0.71	97	2490
01-DU-233	108	256	11.70	10	0.5	1.91	30	3.17	1020	5	0.63	381	3970

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-170	52	0.05	1	16	77	0.40	10	5	168	10	194	
01-DU-171	58	0.37	1	11	51	0.44	5	5	150	10	132	
01-DU-172	92	0.07	2	13	74	0.27	10	5	134	5	168	
01-DU-175	30	0.03	1	14	23	0.72	5	5	208	5	174	
01-DU-176	28	0.04	1	16	14	0.57	5	5	176	5	182	
01-DU-179	56	0.01	1	13	21	0.29	5	5	89	5	148	
01-DU-180	46	0.07	1	12	14	0.28	5	5	90	5	156	
01-DU-181	232	0.02	1	14	29	0.30	5	5	180	5	226	
01-DU-182	60	0.01	1	12	21	0.28	5	5	97	5	130	
01-DU-183	60	0.90	1	12	52	0.46	5	5	174	5	192	
01-DU-185	18	0.10	1	7	12	0.14	5	5	66	5	76	
01-DU-186	24	0.06	1	11	20	0.21	5	5	94	10	130	
01-DU-187	16	0.03	1	11	16	0.33	5	5	86	5	122	
01-DU-188	48	0.04	1	16	18	0.38	5	5	168	5	268	
01-DU-189	34	0.01	1	12	16	0.50	5	5	138	10	160	
01-DU-190	36	0.01	1	16	13	0.48	5	5	112	5	150	
01-DU-191	24	0.02	1	8	13	0.23	5	5	51	5	84	
01-DU-192	24	0.07	1	7	12	0.23	5	5	138	5	74	
01-DU-193	28	0.07	1	8	11	0.39	5	5	116	5	118	
01-DU-195	38	0.06	1	21	21	0.74	5	5	246	5	352	
01-DU-196	30	0.03	1	16	14	0.36	5	5	157	10	194	
01-DU-197	34	0.01	1	18	18	0.41	5	5	162	5	216	
01-DU-198	44	0.33	1	17	34	0.38	5	5	157	10	178	
01-DU-199	46	0.11	1	18	11	0.47	5	5	176	5	216	
01-DU-200	48	0.04	1	20	10	0.49	5	5	183	5	246	
01-DU-201	58	0.07	1	16	9	0.30	5	20	155	10	262	
01-DU-202	32	0.04	1	20	11	0.41	5	5	175	5	242	
01-DU-203	76	1.12	1	20	94	0.54	5	5	180	5	220	
01-DU-206	32	0.01	1	16	37	0.37	5	5	151	5	210	
01-DU-207	26	0.01	1	19	28	0.47	5	5	175	10	220	
01-DU-209	42	0.09	1	20	20	0.48	5	5	183	10	226	
01-DU-210	32	0.01	1	21	12	0.51	5	5	190	10	250	
01-DU-211	30	0.01	1	19	12	0.47	5	5	176	5	256	
01-DU-212	20	0.01	1	24	10	0.58	5	5	200	5	232	
01-DU-213	28	0.05	1	16	18	0.35	5	5	158	5	206	
01-DU-214	38	0.01	1	16	15	0.34	5	5	159	10	214	
01-DU-215	58	0.10	1	13	29	0.25	5	5	134	5	186	
01-DU-216	36	0.04	1	15	14	0.34	5	5	146	5	190	
01-DU-217	30	0.04	1	13	21	0.32	5	5	133	5	186	
01-DU-218	122	0.75	1	15	92	0.32	5	5	131	10	188	
01-DU-219	46	0.01	1	16	13	0.39	5	5	157	5	228	
01-DU-222	68	0.04	1	16	10	0.43	5	5	157	5	276	
01-DU-223	34	0.17	1	7	9	0.22	5	5	125	5	130	
01-DU-224	70	0.07	1	16	16	0.42	5	5	149	5	208	
01-DU-226	48	0.06	1	15	16	0.39	5	5	152	10	184	
01-DU-227	44	0.07	1	11	12	0.29	5	5	128	5	164	
01-DU-230	40	0.04	1	14	10	0.34	5	5	140	5	336	
01-DU-231	22	0.01	1	7	33	0.20	5	5	87	5	292	
01-DU-233	54	0.02	1	14	14	0.36	5	5	151	5	648	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-235	18	543570	7681273	7	1.29	52	5	200	1.5	34	0.01	4.0	0.5
01-DU-236	18	537027	7683616	1.8	2.26	42	5	260	1.5	2	0.01	3.5	0.5
01-DU-237	18	531176	7664287	0.2	5.61	38	5	360	2.0	1	0.11	1.5	37
01-DU-238	18	571796	7657256	0.1	7.22	306	5	320	2.5	1	0.05	0.3	37
01-DU-239	18	568879	7671233	0.1	6.69	130	5	490	2.0	1	0.06	0.3	24
01-DU-240	18	550846	7700432	0.1	5.47	1	10	530	3.0	1	0.86	5.0	31
01-DU-241	18	558615	7697179	0.1	10.35	1	5	110	4.0	1	0.04	0.3	24
01-DU-243	18	564923	7694726	0.1	4.95	1	5	210	2.0	1	0.23	0.3	22
01-DU-244	18	585007	7660455	0.1	7.13	242	5	340	2.0	1	0.06	0.3	42
01-DU-245	18	578480	7664489	0.1	6.12	104	5	310	2.5	1	0.05	0.3	37
01-DU-246	18	539768	7664067	0.2	5.19	146	5	450	2.0	2	0.02	0.3	15
01-DU-247	18	584156	7659261	0.1	6.58	266	5	410	2.0	1	0.04	0.3	28
01-DU-248	18	607029	7655649	0.1	7.25	266	5	290	2.5	4	0.05	0.3	38
01-DU-249	18	593638	7653432	0.1	6.36	242	5	290	2.0	2	0.07	0.3	45
01-DU-250	18	589793	7645097	0.1	5.85	156	5	290	1.5	1	0.08	0.3	41
01-DU-251	18	579814	7649700	0.1	6.81	144	5	300	2.0	1	0.05	0.3	40
01-DU-252	19	401978	7585608	0.1	4.75	1	10	190	2.5	1	4.10	0.3	22
01-DU-253	19	401804	7584291	0.1	5.24	1	20	210	3.0	1	4.05	0.5	23
01-DU-254	19	402745	7574103	0.1	6.15	1	5	270	3.5	1	0.11	0.3	28
01-DU-255	19	405095	7572407	0.1	7.09	1	5	250	4.5	1	0.11	0.3	39
01-DU-256	19	412177	7569940	0.1	5.74	1	5	240	3.5	1	0.15	0.3	38
01-DU-257	19	408490	7568290	0.1	6.33	1	5	240	4.5	1	0.08	0.3	45
01-DU-259	19	410390	7588054	0.1	5.83	1	10	240	3.5	1	1.58	0.5	29
01-DU-260	19	410642	7590009	0.1	6.06	1	5	250	3.5	1	0.09	0.3	28
01-DU-261	19	395549	7607767	0.1	6.65	12	5	430	2.0	1	0.02	0.3	20
01-DU-261G	19	395549	7607767	0.8	0.25	256	5	150	0.5	6	0.01	5.0	0.5
01-DU-262	19	404027	7606571	0.1	5.28	1	5	360	2.0	1	0.05	0.3	23
01-DU-263	19	396489	7585422	0.1	5.91	1	10	210	3.5	1	1.93	0.5	25
01-DU-264	19	380418	7596500	0.1	6.67	1	5	280	3.0	1	0.05	0.3	28
01-DU-265	19	385061	7602536	0.1	7.82	1	10	400	3.0	1	0.06	0.3	31
01-DU-266	19	379863	7590995	0.1	6.57	1	5	210	3.5	2	0.10	0.3	36
01-DU-267	19	384303	7594363	0.1	4.94	1	5	180	2.5	6	0.09	0.3	34
01-DU-268	19	397735	7550231	0.1	6.58	1	5	120	3.5	1	0.06	0.3	20
01-DU-269	19	403761	7549345	0.1	8.19	1	5	1090	4.0	1	0.13	0.3	16
01-DU-270	19	399352	7575968	0.1	4.72	1	5	220	2.5	2	1.84	0.3	22
01-DU-271	19	394391	7561409	0.1	5.94	1	5	290	3.0	1	0.13	0.5	38
01-DU-272	19	392962	7576337	0.1	5.86	1	10	300	4.0	1	0.34	0.3	24
01-DU-273	19	391000	7584000	0.1	6.05	1	20	230	4.0	1	0.41	0.3	26
01-DU-276	18	604885	7756945	0.1	9.58	1	5	130	3.0	1	0.14	0.3	28
01-DU-277	18	605160	7758871	0.1	5.82	1	5	160	2.0	1	0.24	1.0	30
01-DU-278	18	602162	7765128	0.1	7.18	1	5	120	2.0	1	0.11	0.3	30
01-DU-279	18	594884	7762430	0.1	6.55	1	5	250	2.5	1	0.22	0.3	29
01-DU-280	18	601363	7760769	0.1	6.56	1	5	120	2.0	1	0.13	0.3	30
01-DU-281	18	601264	7760791	0.1	6.23	1	5	100	2.0	1	0.09	0.3	23
01-DU-282	18	611200	7765524	0.1	8.74	1	5	70	2.0	2	0.06	0.3	18
01-DU-283	19	391408	7621292	0.1	7.21	50	10	410	2.5	1	0.06	0.3	41
01-DU-284	19	382557	7621231	0.1	6.61	22	5	480	1.5	1	0.07	0.3	33
01-DU-285	19	393421	7590467	0.1	4.96	1	5	210	2.0	1	0.16	0.5	39
01-DU-286	19	378250	7554189	0.1	5.29	1	5	420	3.0	1	0.22	0.3	25

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-235	61	287	20.00	10	0.5	3.02	5	0.55	170	323	0.40	8	4550
01-DU-236	108	238	20.00	20	0.5	2.41	5	1.03	210	49	0.48	15	8870
01-DU-237	145	245	14.05	10	0.5	2.52	10	2.75	755	16	0.50	184	3300
01-DU-238	173	381	10.75	20	0.5	2.50	50	2.91	655	7	0.51	141	5630
01-DU-239	188	223	11.70	20	0.5	3.59	20	3.04	865	10	0.41	64	3810
01-DU-240	77	145	7.39	10	0.5	1.08	40	6.71	1035	0.5	0.82	225	4290
01-DU-241	49	58	8.03	40	0.5	1.23	120	1.95	1130	3	0.63	32	6770
01-DU-243	42	53	6.49	20	0.5	1.70	110	2.06	1010	3	0.78	33	8230
01-DU-244	189	245	9.70	20	0.5	2.46	40	2.98	710	1	0.58	124	5910
01-DU-245	136	239	8.73	10	0.5	1.81	70	2.20	640	9	0.46	102	5310
01-DU-246	121	172	13.00	10	0.5	1.72	60	1.64	550	23	0.45	36	5950
01-DU-247	177	211	9.96	20	0.5	2.59	20	2.74	700	4	0.70	84	8800
01-DU-248	174	195	9.02	20	0.5	1.92	40	2.61	655	1	0.59	104	5140
01-DU-249	169	212	8.61	10	0.5	2.19	50	2.64	705	1	0.75	116	7820
01-DU-250	150	175	7.60	10	0.5	2.22	40	2.44	720	0.5	1.54	100	15000
01-DU-251	178	245	9.45	20	0.5	2.77	20	3.09	760	0.5	0.56	127	5200
01-DU-252	99	72	6.24	20	0.5	2.07	10	2.33	540	0.5	0.37	56	1600
01-DU-253	109	74	6.66	20	0.5	2.22	10	2.32	585	0.5	0.47	58	1620
01-DU-254	187	90	8.32	20	0.5	2.23	10	2.44	570	0.5	0.40	76	1950
01-DU-255	209	136	9.51	30	0.5	2.26	10	2.79	775	2	0.48	105	2890
01-DU-256	141	93	7.38	10	0.5	1.43	40	1.92	770	2	1.48	70	15000
01-DU-257	140	112	7.63	20	0.5	1.54	10	2.03	730	0.5	0.51	101	3940
01-DU-259	123	105	7.38	30	0.5	2.43	10	2.44	680	0.5	0.45	75	1730
01-DU-260	144	137	8.79	30	0.5	2.72	10	2.39	725	1	0.38	91	1910
01-DU-261	219	197	10.35	20	0.5	2.73	10	2.61	645	6	0.44	62	4970
01-DU-261G	39	47	20.00	5	0.5	3.42	5	0.12	25	22	0.54	2	6880
01-DU-262	156	167	8.65	10	0.5	2.45	10	2.22	690	7	0.30	56	2560
01-DU-263	124	91	7.25	30	0.5	2.54	10	2.56	590	0.5	0.49	67	1780
01-DU-264	191	154	9.61	30	0.5	2.73	10	2.68	755	5	0.42	89	2840
01-DU-265	247	167	9.98	30	0.5	3.84	5	3.51	855	0.5	0.42	113	2430
01-DU-266	165	139	8.88	30	0.5	1.95	10	2.58	830	0.5	0.53	92	3570
01-DU-267	131	100	7.05	10	0.5	1.47	30	2.00	750	0.5	0.88	77	9030
01-DU-268	73	36	5.48	10	0.5	0.56	30	1.11	565	0.5	0.73	32	6530
01-DU-269	60	27	8.23	30	0.5	0.85	70	1.57	630	40	0.53	18	4820
01-DU-270	111	55	5.96	20	0.5	1.59	20	1.96	455	0.5	0.57	57	2010
01-DU-271	175	111	8.61	20	0.5	2.42	20	2.63	785	0.5	0.37	92	1600
01-DU-272	143	81	7.63	30	0.5	2.36	20	2.47	615	0.5	0.52	68	1960
01-DU-273	136	94	7.88	30	0.5	2.78	10	2.52	630	0.5	0.47	74	2310
01-DU-276	43	102	6.98	30	0.5	0.92	200	1.91	1120	0.5	0.54	36	6410
01-DU-277	89	58	9.69	30	0.5	2.41	180	2.94	1270	0.5	1.30	44	15000
01-DU-278	89	71	9.17	30	0.5	1.57	30	2.15	1080	2	1.30	40	15000
01-DU-279	78	112	9.40	30	0.5	1.50	50	3.02	900	3	0.72	47	3590
01-DU-280	75	62	8.62	30	0.5	1.19	50	2.42	1250	3	0.62	39	5190
01-DU-281	61	44	8.40	30	0.5	0.93	40	1.74	695	0.5	0.70	26	5610
01-DU-282	60	39	5.71	30	0.5	0.84	40	1.55	550	0.5	0.58	28	6190
01-DU-283	216	275	10.35	30	0.5	3.56	10	3.46	840	0.5	0.45	133	3070
01-DU-284	202	269	10.75	20	0.5	3.06	30	3.08	750	3	0.49	93	4530
01-DU-285	143	179	8.12	20	0.5	1.90	10	2.33	855	4	0.73	97	6380
01-DU-286	111	63	7.88	20	0.5	2.14	40	2.32	610	0.5	0.46	43	2540

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-235	44	4.99	10	5	17	0.18	5	5	382	5	40	
01-DU-236	36	3.57	1	14	33	0.24	5	5	198	5	120	
01-DU-237	42	0.06	1	15	13	0.44	5	5	151	5	336	
01-DU-238	64	0.03	1	15	21	0.43	10	5	145	10	212	
01-DU-239	52	0.77	1	18	45	0.57	5	5	163	10	210	
01-DU-240	68	0.05	1	12	10	0.29	5	5	195	5	1100	
01-DU-241	122	0.03	1	14	20	0.44	10	5	113	10	202	
01-DU-243	54	0.02	1	14	25	0.46	10	5	102	10	166	
01-DU-244	36	0.06	1	15	26	0.41	5	5	148	5	200	
01-DU-245	54	0.12	2	11	38	0.31	10	5	114	10	166	
01-DU-246	108	0.94	1	12	71	0.29	5	5	126	5	132	
01-DU-247	48	0.07	1	17	12	0.45	5	5	144	10	164	
01-DU-248	36	0.05	1	13	30	0.36	5	5	147	10	178	
01-DU-249	30	0.05	1	14	24	0.37	10	5	131	5	184	
01-DU-250	24	0.03	1	13	16	0.32	10	5	118	10	170	
01-DU-251	30	0.03	2	14	12	0.39	5	5	145	10	204	
01-DU-252	26	0.01	1	15	52	0.44	5	5	121	5	190	
01-DU-253	32	0.01	1	17	53	0.47	5	5	136	5	210	
01-DU-254	34	0.01	1	20	15	0.60	5	5	183	5	222	
01-DU-255	40	0.01	1	22	16	0.60	5	5	206	5	254	
01-DU-256	44	0.03	1	17	21	0.38	10	5	146	10	190	
01-DU-257	46	0.05	1	15	13	0.49	5	5	156	5	224	
01-DU-259	30	0.01	1	19	27	0.53	5	5	144	5	240	
01-DU-260	26	0.01	1	21	12	0.58	5	5	170	5	260	
01-DU-261	30	0.20	1	19	20	0.52	5	5	173	5	234	
01-DU-261G	38	6.64	2	3	57	0.34	5	5	341	5	12	
01-DU-262	32	0.16	1	14	19	0.47	5	5	138	5	196	
01-DU-263	22	0.01	1	19	30	0.56	5	5	151	5	232	
01-DU-264	32	0.01	1	22	12	0.59	5	5	185	5	244	
01-DU-265	26	0.01	1	24	12	0.64	5	5	206	10	282	
01-DU-266	40	0.03	1	18	12	0.55	5	5	186	10	226	
01-DU-267	40	0.02	1	13	11	0.35	10	5	130	5	168	
01-DU-268	34	0.10	1	9	10	0.30	20	5	101	10	116	
01-DU-269	40	0.05	1	22	19	0.67	20	5	153	10	142	
01-DU-270	30	0.01	1	14	33	0.40	5	5	130	5	176	
01-DU-271	40	0.01	1	20	16	0.58	5	5	179	5	250	
01-DU-272	34	0.01	1	20	18	0.57	5	5	164	5	224	
01-DU-273	26	0.01	1	20	15	0.60	5	5	163	5	238	
01-DU-276	68	0.03	1	19	24	0.72	10	5	127	10	238	
01-DU-277	54	0.01	1	19	30	0.55	10	5	192	5	188	
01-DU-278	48	0.07	1	15	14	0.57	10	5	177	5	178	
01-DU-279	48	0.01	1	22	22	0.64	10	5	188	10	198	
01-DU-280	74	0.03	1	14	17	0.61	10	5	171	5	180	
01-DU-281	42	0.04	1	14	12	0.54	5	5	175	5	136	
01-DU-282	44	0.07	1	10	10	0.43	10	5	109	10	118	
01-DU-283	34	0.01	1	20	12	0.57	5	5	179	10	240	
01-DU-284	34	0.30	1	19	41	0.53	5	5	170	10	200	
01-DU-285	40	0.03	1	16	12	0.48	5	5	145	5	220	
01-DU-286	40	0.01	1	19	22	0.77	5	5	171	10	238	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-287	19	380951	7550651	0.1	6.01	1	5	400	3.0	1	0.29	1.0	31
01-DU-288	19	388156	7570863	0.1	4.26	1	5	200	2.5	1	0.15	0.3	24
01-DU-289	19	392223	7569462	0.1	5.88	1	5	220	5.0	1	0.10	0.3	29
01-DU-290	19	386514	7575130	0.1	5.84	1	10	210	4.5	1	0.12	0.3	32
01-DU-291	19	377504	7579920	0.1	4.65	1	10	250	2.5	1	3.29	0.3	18
01-DU-292	19	378239	7583461	0.1	5.65	1	20	220	3.5	1	0.13	0.3	28
01-DU-500	18	571536	7641850	0.1	7.02	430	5	290	2.5	1	0.06	0.3	47
01-DU-501	18	556371	7639366	0.2	7.07	262	5	400	2.0	1	0.06	0.3	34
01-DU-502	18	562071	7652200	0.1	6.90	262	5	270	3.0	1	0.05	0.3	37
01-DU-503	18	574861	7651097	0.1	7.80	248	5	400	2.5	1	0.04	0.3	52
01-DU-504	18	573300	7647900	0.1	6.33	208	5	350	1.5	1	0.04	0.3	33
01-DU-505	18	500000	7590000	0.1	2.87	12	10	140	1.0	1	14.75	1.5	18
01-DU-506	18	489110	7650802	0.2	5.51	232	5	270	3.0	1	0.07	0.5	50
01-DU-510	18	519776	7636803	0.2	6.69	76	5	390	2.0	1	0.04	0.3	34
01-DU-511	18	519704	7630976	0.2	6.68	330	10	380	2.0	1	0.09	1.0	51
01-DU-512	18	527749	7626036	0.1	6.86	230	5	380	2.0	1	0.11	0.5	43
01-DU-513	18	540922	7609240	0.1	7.46	98	10	480	2.5	1	0.45	0.5	39
01-DU-514	18	523226	7614432	0.1	6.02	176	20	340	2.0	1	2.22	2.0	50
01-DU-516	18	510804	7635561	0.1	6.28	148	5	360	2.0	1	0.06	0.5	47
01-DU-517	18	510802	7635563	0.1	5.42	350	30	280	2.0	1	0.19	1.0	71
01-DU-518	18	481000	7685500	0.1	2.95	1	5	70	1.5	1	0.18	0.3	14
01-DU-519	18	480432	7679711	0.1	4.26	1	5	230	2.0	1	0.36	0.3	27
01-DU-520	18	480430	7679713	0.1	5.89	1	5	590	2.5	2	0.51	1.5	34
01-DU-521	18	487588	7677053	0.1	6.40	76	5	270	3.0	1	0.21	1.0	36
01-DU-522	18	491700	7665984	0.1	5.59	158	5	260	3.0	2	0.22	2.5	45
01-DU-523	18	490531	7658042	0.2	5.43	170	5	260	2.5	1	0.16	3.0	68
01-DU-524	18	585209	7561145	0.1	4.89	1	5	170	5.0	1	0.07	0.3	24
01-DU-525	18	603489	7546567	0.1	3.21	1	10	260	1.5	1	0.17	0.3	11
01-DU-526	18	617859	7549710	0.1	4.07	1	5	210	4.0	1	0.12	0.3	18
01-DU-527	18	600862	7563331	0.1	4.62	1	10	260	2.5	1	0.23	0.3	20
01-DU-528	18	622000	7565000	0.1	4.71	1	5	190	3.0	1	0.12	0.3	26
01-DU-529	18	554921	7609877	0.1	6.24	30	30	350	2.5	1	0.59	0.5	34
01-DU-530	18	552539	7599715	0.1	6.15	104	5	320	2.5	1	0.14	0.3	39
01-DU-532	18	577290	7584383	0.1	5.41	4	5	180	4.0	1	0.06	0.3	24
01-DU-533	18	499630	7662266	0.1	5.09	92	5	330	2.5	2	0.37	2.0	41
01-DU-534	18	519050	7651169	0.1	6.76	2	10	370	2.0	1	0.15	0.5	27
01-DU-536	18	545139	7628839	0.1	6.09	160	5	360	1.5	2	0.12	0.5	48
01-DU-537	18	564788	7627502	0.1	6.73	146	5	330	2.0	1	0.05	0.3	47
01-DU-538	18	557862	7626033	0.1	5.83	198	5	310	1.5	1	0.12	0.5	44
01-DU-539	18	542126	7644007	0.1	7.10	268	5	400	2.0	1	0.05	0.3	49
01-DU-540	18	505520	7734945	0.1	3.49	1	5	100	1.5	1	0.21	0.3	17
01-DU-542	18	476993	7740030	0.1	3.28	1	5	120	1.0	1	0.29	0.3	18
01-DU-543	18	462113	7729843	0.1	2.94	1	5	40	1.5	1	0.24	0.3	13
01-DU-545	18	473378	7711747	0.1	2.65	1	5	30	1.5	2	0.04	0.3	7
01-DU-546	18	467509	7717440	0.1	2.27	1	5	40	0.5	1	0.16	0.3	8
01-DU-548	18	478006	7759437	0.1	2.89	1	5	80	0.5	1	0.28	0.3	20
01-DU-550	18	479340	7755455	0.2	3.19	1	5	90	1.0	1	0.14	0.3	23
01-DU-551	18	491394	7745396	0.2	1.81	8	5	50	1.0	2	0.18	0.3	12
01-DU-552	18	483550	7743896	0.1	3.10	1	5	80	1.5	1	0.24	0.3	18

Appendix II – Till geochemistry, <0.002 mm, ICP–AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-287	172	73	9.09	30	0.5	2.38	130	2.89	965	6	0.74	58	5910
01-DU-288	108	53	5.96	10	0.5	1.04	20	1.73	545	0.5	0.61	55	3030
01-DU-289	178	113	8.22	30	0.5	1.78	10	2.57	515	1	0.40	80	2530
01-DU-290	138	100	8.09	20	0.5	2.73	10	2.33	605	0.5	0.55	104	2690
01-DU-291	98	51	5.98	20	0.5	2.02	20	2.13	470	0.5	0.39	44	1580
01-DU-292	154	96	7.94	30	0.5	2.64	10	2.46	505	0.5	0.40	86	1380
01-DU-500	185	415	11.00	20	0.5	2.39	20	3.20	785	5	0.62	140	6210
01-DU-501	195	336	10.90	20	0.5	2.98	30	3.18	685	4	0.72	114	5830
01-DU-502	167	339	10.55	20	0.5	2.06	50	2.77	650	7	0.71	113	7970
01-DU-503	207	330	11.25	20	0.5	3.04	20	3.48	980	0.5	0.44	142	3870
01-DU-504	179	240	9.68	20	0.5	2.88	30	3.06	705	3	0.56	110	5830
01-DU-505	66	60	4.87	5	0.5	1.31	10	2.52	500	1	0.39	63	2430
01-DU-506	147	279	11.30	10	0.5	2.13	10	2.76	770	8	0.55	199	4960
01-DU-510	203	259	11.35	20	0.5	3.37	10	3.43	790	3	0.54	116	4960
01-DU-511	201	292	12.35	20	0.5	3.35	10	3.43	815	0.5	0.60	184	4030
01-DU-512	191	350	10.85	20	0.5	3.21	30	3.20	855	4	0.47	178	2410
01-DU-513	220	222	9.80	30	0.5	3.98	10	3.67	935	0.5	0.47	157	1840
01-DU-514	171	274	8.59	20	0.5	3.20	10	3.19	760	0.5	0.54	189	2820
01-DU-516	181	314	9.76	20	0.5	3.20	10	3.08	915	1	0.48	143	3930
01-DU-517	156	283	11.55	10	0.5	2.58	20	3.05	795	6	0.63	198	3200
01-DU-518	25	39	3.86	10	0.5	0.47	30	1.40	575	0.5	0.58	18	4250
01-DU-519	63	94	5.93	20	0.5	1.23	40	2.68	1065	0.5	0.85	76	4170
01-DU-520	127	139	8.56	30	0.5	1.86	30	4.01	1175	0.5	0.56	113	2690
01-DU-521	154	210	10.50	30	0.5	2.50	20	3.63	1020	1	0.52	166	2250
01-DU-522	123	268	12.80	20	0.5	1.91	30	3.02	910	11	0.48	220	2810
01-DU-523	114	333	12.80	10	0.5	1.71	10	2.77	1320	14	0.53	290	4030
01-DU-524	80	70	6.25	20	0.5	1.52	20	1.51	485	0.5	1.04	48	9270
01-DU-525	42	19	4.35	10	0.5	1.15	30	1.26	245	0.5	0.48	16	2130
01-DU-526	67	37	5.10	10	0.5	1.02	30	1.22	410	0.5	1.78	29	15000
01-DU-527	82	48	6.54	20	0.5	1.25	40	2.00	700	0.5	0.74	39	3430
01-DU-528	136	71	7.08	20	0.5	1.36	30	2.14	560	0.5	0.67	62	4900
01-DU-529	183	181	8.07	20	0.5	2.93	10	3.39	745	0.5	0.67	97	2390
01-DU-530	199	171	8.66	20	0.5	2.86	10	2.90	845	0.5	0.44	138	2250
01-DU-532	160	187	8.85	20	0.5	1.54	10	2.10	460	6	0.56	76	5960
01-DU-533	106	232	10.10	10	0.5	1.90	20	3.44	940	1	0.48	209	2940
01-DU-534	200	138	9.80	30	0.5	3.67	20	3.64	820	0.5	0.42	112	2180
01-DU-536	173	245	9.04	20	0.5	2.77	5	2.92	795	0.5	0.39	162	2320
01-DU-537	185	347	9.10	20	0.5	2.73	10	3.01	725	3	0.42	162	3460
01-DU-538	175	275	9.18	20	0.5	2.73	10	2.98	755	0.5	0.51	148	3610
01-DU-539	200	340	11.60	30	0.5	3.42	10	3.32	925	2	0.51	147	3760
01-DU-540	28	36	5.04	10	0.5	1.37	60	2.15	815	0.5	0.84	21	8950
01-DU-542	81	69	5.45	10	0.5	1.13	40	2.05	770	0.5	0.44	38	3830
01-DU-543	24	31	4.33	10	0.5	0.75	30	1.74	535	0.5	0.55	16	3930
01-DU-545	57	40	3.60	5	0.5	0.18	10	0.41	225	3	1.32	12	8420
01-DU-546	22	27	2.55	10	0.5	0.25	10	0.61	350	0.5	1.12	11	15000
01-DU-548	60	58	4.87	10	0.5	0.73	30	1.57	695	0.5	1.56	35	15000
01-DU-550	102	75	5.62	10	0.5	0.53	20	1.75	925	0.5	1.76	48	15000
01-DU-551	152	72	3.32	5	0.5	0.37	30	0.88	565	4	3.40	33	15000
01-DU-552	57	86	4.96	10	0.5	0.64	40	1.72	755	0.5	0.84	30	7890

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-287	44	0.01	1	21	33	0.75	10	5	175	5	234	
01-DU-288	50	0.04	1	12	12	0.36	10	5	126	5	172	
01-DU-289	50	0.01	1	18	14	0.55	5	5	186	5	244	
01-DU-290	22	0.01	1	19	11	0.59	5	5	155	10	238	
01-DU-291	28	0.01	1	16	52	0.48	5	5	124	5	202	
01-DU-292	24	0.01	1	20	11	0.61	5	5	174	5	246	
01-DU-500	70	0.03	2	19	15	0.42	10	5	160	5	206	
01-DU-501	60	0.12	1	16	21	0.43	5	5	167	10	216	
01-DU-502	80	0.04	1	14	19	0.35	5	5	139	10	198	
01-DU-503	54	0.03	1	18	18	0.49	5	5	174	5	242	
01-DU-504	28	0.02	1	16	11	0.43	5	5	147	10	192	
01-DU-505	12	0.02	1	7	166	0.19	5	5	69	5	128	
01-DU-506	38	0.04	1	14	9	0.35	5	5	141	5	358	
01-DU-510	52	0.03	1	18	10	0.50	5	5	172	5	236	
01-DU-511	56	0.01	1	18	12	0.53	5	5	165	5	288	
01-DU-512	44	0.01	1	18	14	0.48	5	5	171	5	250	
01-DU-513	22	0.01	1	22	17	0.55	5	5	193	5	250	
01-DU-514	26	0.01	1	17	31	0.44	5	5	147	5	296	
01-DU-516	40	0.01	1	17	11	0.50	5	5	154	5	282	
01-DU-517	44	0.03	1	15	17	0.38	5	5	171	5	374	
01-DU-518	32	0.07	1	6	9	0.21	20	5	57	5	88	
01-DU-519	56	0.05	1	12	12	0.29	20	5	95	10	210	
01-DU-520	84	0.05	1	17	13	0.36	5	5	151	5	370	
01-DU-521	46	0.01	1	18	13	0.44	5	5	168	5	344	
01-DU-522	38	0.04	2	13	11	0.29	5	5	150	5	428	
01-DU-523	48	0.06	1	13	12	0.27	5	5	134	5	678	
01-DU-524	40	0.11	1	11	9	0.39	5	5	122	5	210	
01-DU-525	40	0.01	1	9	20	0.35	5	5	76	5	162	
01-DU-526	44	0.07	1	10	14	0.26	10	5	100	5	138	
01-DU-527	52	0.04	1	16	15	0.35	10	5	123	5	172	
01-DU-528	46	0.01	1	14	13	0.41	5	5	152	5	198	
01-DU-529	26	0.01	1	19	18	0.46	5	5	173	10	244	
01-DU-530	48	0.01	1	19	11	0.49	5	5	160	5	228	
01-DU-532	54	0.06	1	16	10	0.36	5	5	148	10	162	
01-DU-533	34	0.01	1	12	11	0.30	5	5	125	5	488	
01-DU-534	26	0.01	1	18	20	0.53	5	5	176	5	238	
01-DU-536	28	0.03	1	16	11	0.39	5	5	150	5	222	
01-DU-537	30	0.03	1	17	11	0.39	5	5	151	5	204	
01-DU-538	30	0.01	1	16	11	0.38	5	5	154	5	218	
01-DU-539	76	0.05	1	18	14	0.52	5	5	170	5	262	
01-DU-540	32	0.01	1	9	15	0.37	10	5	68	5	154	
01-DU-542	36	0.01	1	11	13	0.37	5	5	73	5	170	
01-DU-543	52	0.02	1	8	11	0.21	10	5	49	5	134	
01-DU-545	32	0.22	1	1	4	0.09	5	30	48	5	40	
01-DU-546	30	0.05	2	4	7	0.12	5	5	30	5	68	
01-DU-548	32	0.01	1	9	14	0.20	5	5	74	10	122	
01-DU-550	44	0.18	1	5	11	0.18	10	5	95	5	132	
01-DU-551	42	0.06	1	4	11	0.09	5	5	47	5	62	
01-DU-552	32	0.06	1	8	13	0.22	10	5	65	5	120	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-553	18	493858	7684374	0.1	5.83	2	5	310	3.0	1	0.64	1.5	42
01-DU-554	18	496795	7684250	0.1	6.11	1	5	290	2.5	1	0.38	2.0	42
01-DU-555	18	506691	7685053	0.6	5.81	14	10	300	3.0	1	0.36	4.0	39
01-DU-556	18	504504	7686572	0.1	6.36	1	5	320	3.0	1	0.22	1.5	34
01-DU-557	18	498188	7696544	0.1	6.09	1	5	500	3.5	4	0.71	1.5	45
01-DU-558	18	493633	7696626	0.1	5.11	1	5	290	2.0	1	0.45	0.3	22
01-DU-559	18	490907	7704202	0.1	3.02	1	5	60	2.0	1	0.24	0.3	19
01-DU-560	18	483342	7706850	0.1	2.11	1	5	40	0.5	1	0.26	0.3	10
01-DU-561A	18	484563	7701474	0.1	2.50	1	5	60	1.5	1	0.40	0.3	12
01-DU-561B	18	484563	7701474	0.1	1.91	1	5	40	1.0	1	0.28	0.3	9
01-DU-565	18	474577	7691503	0.1	2.00	1	5	40	1.0	1	0.29	0.3	9
01-DU-566	18	478579	7691737	0.1	1.81	1	5	40	0.5	1	0.25	0.3	9
01-DU-567	18	511592	7756312	0.1	3.26	1	5	100	1.0	1	0.30	0.3	21
01-DU-568	18	526216	7745975	0.1	4.05	1	5	80	2.0	1	0.12	0.3	20
01-DU-569	18	524000	7744000	0.1	2.82	1	5	70	1.5	1	0.33	0.3	17
01-DU-570	18	536591	7741446	0.1	4.48	1	5	240	2.0	1	0.70	0.3	22
01-DU-571	18	533637	7731206	0.1	5.21	1	5	300	1.5	1	0.28	0.3	26
01-DU-572	18	530474	7730387	0.1	5.72	1	5	180	2.0	1	0.23	0.3	27
01-DU-574	18	500953	7762928	0.2	4.70	286	5	170	2.0	4	0.16	0.5	61
01-DU-575	18	509912	7753057	0.1	1.63	1	5	70	0.5	1	0.43	0.3	12
01-DU-577	18	512509	7750476	0.1	3.71	1	5	110	2.0	1	0.29	0.3	26
01-DU-578	18	524887	7736745	0.1	2.58	1	10	70	2.0	1	0.28	0.3	17
01-DU-579	18	579312	7727093	0.1	7.64	1	5	210	3.0	1	0.19	0.3	25
01-DU-581	18	609835	7718595	0.1	6.47	1	5	120	2.5	1	0.15	0.5	30
01-DU-582	18	604666	7712584	0.1	5.93	1	5	140	2.5	1	0.13	0.5	19
01-DU-583	18	590736	7717977	0.1	5.26	1	5	120	2.0	1	0.17	0.3	25
01-DU-584	18	591143	7704455	0.8	6.35	138	5	200	2.5	4	0.05	1.5	10
01-DU-585	18	591143	7704455	0.1	5.47	10	5	220	2.0	1	0.10	0.3	23
01-DU-586	18	603423	7701248	0.6	5.55	74	5	190	2.5	2	0.03	2.0	9
01-DU-587	18	608211	7697748	0.1	4.98	14	5	220	1.5	1	0.09	0.3	23
01-DU-588	18	617900	7710000	0.1	5.36	40	5	240	3.0	1	0.16	1.0	26
01-DU-589	18	607893	7685977	0.6	8.29	44	5	240	2.5	1	0.04	0.3	17
01-DU-590	18	617099	7598450	0.1	6.09	26	5	460	3.0	1	0.06	0.5	28
01-DU-591	18	620800	7594500	0.2	3.26	1	5	100	2.0	1	0.14	0.3	29
01-DU-592	18	618566	7574790	0.1	5.58	1	20	320	3.0	1	0.62	0.5	24
01-DU-593	18	605964	7597620	0.8	5.36	16	5	350	6.0	12	0.02	0.5	34
01-DU-594	18	595131	7603595	0.1	8.01	24	10	470	3.5	1	0.05	0.3	43
01-DU-595	18	608442	7575875	0.1	6.13	1	5	180	5.5	1	0.09	0.3	39
01-DU-596	18	604250	7586429	0.1	5.64	1	5	170	3.0	1	0.07	0.5	21
01-DU-597	18	587026	7592511	0.2	5.31	28	5	320	3.0	1	0.04	0.3	21
01-DU-598	18	526238	7684592	0.1	4.90	16	5	280	2.5	1	0.75	2.0	38
01-DU-599	18	529342	7691774	0.1	2.41	1	5	80	0.5	1	0.52	0.3	17
01-DU-600	18	514428	7702304	0.1	6.18	1	5	80	1.5	1	0.09	0.3	22
01-DU-601	18	511945	7714294	0.1	6.23	1	5	350	2.0	1	0.33	1.0	28
01-DU-602	18	505753	7719017	0.1	3.45	1	5	100	1.5	1	0.34	0.3	18
01-DU-603	18	474575	7698810	0.1	1.83	1	5	30	1.0	1	0.21	0.3	6
01-DU-604	18	499727	7705166	0.1	5.90	1	20	610	3.0	1	0.82	0.3	23
01-DU-605	18	516264	7691148	0.1	6.91	1	5	180	2.5	4	0.15	0.5	43
01-DU-606	18	573795	7697630	0.1	6.80	1	5	300	2.5	1	0.37	1.5	33

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-553	124	161	8.50	20	0.5	1.38	70	3.69	1995	1	0.75	225	4280
01-DU-554	145	175	9.31	30	0.5	2.15	30	3.59	1290	0.5	0.82	150	4330
01-DU-555	141	205	10.75	20	0.5	1.50	20	3.88	1555	7	0.50	193	3300
01-DU-556	135	156	9.72	30	0.5	1.53	30	3.58	1775	0.5	0.77	100	4280
01-DU-557	121	182	8.64	30	0.5	1.76	30	5.31	1080	0.5	0.89	136	3390
01-DU-558	48	91	6.34	20	0.5	1.56	60	4.10	1095	0.5	0.75	36	4130
01-DU-559	32	80	4.61	10	0.5	0.66	5	1.43	920	0.5	1.14	22	8890
01-DU-560	18	22	3.08	10	0.5	0.60	20	1.09	475	0.5	0.57	12	5380
01-DU-561A	22	65	4.32	10	0.5	0.59	60	1.08	545	0.5	1.89	14	15000
01-DU-561B	13	35	2.31	5	0.5	0.35	10	0.79	390	0.5	0.58	10	5140
01-DU-565	15	25	2.91	10	0.5	0.44	40	1.11	440	0.5	0.50	11	2790
01-DU-566	15	41	2.83	5	0.5	0.37	20	0.82	395	0.5	0.79	11	8030
01-DU-567	111	41	6.52	10	0.5	1.11	60	1.98	920	0.5	1.19	46	15000
01-DU-568	44	37	6.17	20	0.5	1.00	40	1.97	960	0.5	1.28	25	15000
01-DU-569	40	25	6.04	10	0.5	0.87	100	1.65	860	0.5	2.07	22	15000
01-DU-570	41	74	5.72	20	0.5	1.95	60	3.49	870	0.5	0.49	31	1700
01-DU-571	72	58	7.63	30	0.5	2.21	60	3.24	1210	0.5	1.00	44	7120
01-DU-572	103	41	8.16	30	0.5	1.78	40	3.12	1585	0.5	1.21	46	8520
01-DU-574	264	292	8.48	10	0.5	1.26	40	2.78	1155	15	1.54	104	15000
01-DU-575	61	27	4.17	5	0.5	0.59	30	1.00	530	0.5	1.39	25	15000
01-DU-577	47	56	6.37	10	0.5	1.18	70	2.21	910	1	0.74	36	6870
01-DU-578	38	32	5.22	10	0.5	1.03	120	1.68	820	2	1.27	21	15000
01-DU-579	51	40	8.20	30	0.5	1.47	20	2.32	1005	0.5	0.51	33	3220
01-DU-581	120	92	8.82	30	0.5	1.25	90	2.35	790	12	1.07	64	8170
01-DU-582	32	48	8.97	30	0.5	1.00	150	1.31	1125	12	0.95	23	8480
01-DU-583	64	50	8.00	30	0.5	2.19	120	2.74	1065	2	0.60	37	3060
01-DU-584	61	105	14.90	20	0.5	0.57	20	0.97	310	96	0.58	27	7730
01-DU-585	102	145	10.15	20	0.5	1.91	30	2.14	765	13	0.45	46	3690
01-DU-586	120	194	20.00	20	0.5	0.71	20	1.38	340	41	0.44	29	5970
01-DU-587	113	97	7.73	10	0.5	2.00	20	2.06	875	6	0.51	54	4010
01-DU-588	103	123	10.60	20	0.5	1.55	40	1.75	1425	9	0.61	51	6370
01-DU-589	133	141	8.57	20	0.5	0.92	30	1.46	340	5	0.65	60	7400
01-DU-590	193	260	10.15	20	0.5	2.51	20	2.40	655	6	0.83	81	7880
01-DU-591	146	75	4.89	10	0.5	0.83	40	1.42	605	2	2.11	66	15000
01-DU-592	116	77	7.33	30	0.5	2.49	20	2.42	660	0.5	0.47	56	1800
01-DU-593	164	315	10.85	20	0.5	1.64	10	1.60	765	10	1.32	59	15000
01-DU-594	245	312	10.30	30	0.5	3.99	5	3.77	960	0.5	0.41	145	2640
01-DU-595	132	115	7.95	20	0.5	2.09	10	2.16	760	0.5	0.55	86	3520
01-DU-596	158	161	9.32	10	0.5	1.83	10	2.02	495	5	0.52	66	6340
01-DU-597	178	279	10.90	10	0.5	1.52	30	1.73	530	13	0.66	51	5200
01-DU-598	99	149	9.85	10	0.5	2.14	30	3.31	820	1	0.47	184	2070
01-DU-599	35	40	4.13	10	0.5	0.74	100	1.43	595	1	0.93	22	15000
01-DU-600	82	125	7.28	20	0.5	0.51	50	1.63	430	0.5	0.62	44	5690
01-DU-601	104	58	8.56	30	0.5	1.54	50	3.54	1060	0.5	1.05	50	3750
01-DU-602	40	34	5.68	10	0.5	1.16	40	1.84	900	0.5	1.06	22	15000
01-DU-603	8	18	2.13	5	0.5	0.23	40	0.66	270	0.5	0.54	6	6220
01-DU-604	67	110	5.37	20	0.5	0.86	40	7.78	1100	0.5	0.70	46	2450
01-DU-605	113	120	9.42	30	0.5	1.53	30	3.38	1300	3	0.91	87	6200
01-DU-606	50	112	11.00	30	0.5	2.33	140	2.94	1315	7	0.53	42	3740

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-553	94	0.11	1	17	19	0.32	30	5	205	5	360	
01-DU-554	70	0.05	1	20	14	0.41	5	5	164	5	350	
01-DU-555	170	0.06	1	16	10	0.30	5	5	211	5	956	
01-DU-556	96	0.06	2	18	10	0.35	10	5	173	10	304	
01-DU-557	224	0.04	2	19	17	0.35	5	5	134	10	450	
01-DU-558	84	0.04	1	14	15	0.37	10	5	93	5	294	
01-DU-559	66	0.10	1	9	13	0.26	10	5	79	5	110	
01-DU-560	26	0.01	1	7	11	0.20	10	5	44	5	76	
01-DU-561A	46	0.02	1	9	20	0.18	10	5	64	5	82	
01-DU-561B	32	0.04	1	5	10	0.15	30	5	34	5	58	
01-DU-565	30	0.02	1	6	11	0.14	10	5	38	5	80	
01-DU-566	34	0.03	1	6	11	0.15	10	5	43	5	58	
01-DU-567	40	0.01	1	10	19	0.28	10	5	112	5	116	
01-DU-568	44	0.13	1	6	12	0.24	10	5	109	5	136	
01-DU-569	40	0.02	1	9	21	0.23	10	5	102	5	110	
01-DU-570	30	0.01	1	15	21	0.45	10	5	86	5	156	
01-DU-571	42	0.03	1	17	18	0.54	10	5	133	5	186	
01-DU-572	40	0.03	1	18	16	0.49	10	5	148	10	176	
01-DU-574	466	0.05	1	16	16	0.26	10	5	135	5	246	
01-DU-575	36	0.01	1	6	16	0.15	10	5	61	5	64	
01-DU-577	46	0.01	1	12	16	0.37	20	5	113	5	142	
01-DU-578	38	0.01	1	10	20	0.23	10	5	83	5	100	
01-DU-579	48	0.01	1	18	28	0.66	5	5	153	10	206	
01-DU-581	90	0.04	1	14	24	0.49	10	5	165	5	222	
01-DU-582	66	0.05	1	15	33	0.47	10	5	110	10	216	
01-DU-583	68	0.01	1	17	21	0.64	10	5	138	5	228	
01-DU-584	126	0.10	1	8	20	0.31	5	70	189	5	118	
01-DU-585	50	0.04	2	13	28	0.54	5	5	152	5	238	
01-DU-586	76	0.18	2	10	23	0.26	5	5	175	5	122	
01-DU-587	54	0.02	1	14	22	0.42	10	5	115	10	186	
01-DU-588	48	0.08	2	12	34	0.37	5	5	126	5	186	
01-DU-589	64	0.07	1	9	42	0.35	5	5	123	10	128	
01-DU-590	48	0.37	1	17	47	0.41	5	5	157	10	174	
01-DU-591	32	0.05	1	8	10	0.21	20	5	91	5	112	
01-DU-592	26	0.01	1	20	21	0.54	5	5	150	5	212	
01-DU-593	66	0.34	2	8	25	0.17	5	5	133	10	116	
01-DU-594	38	0.01	1	22	11	0.62	5	5	194	10	266	
01-DU-595	40	0.05	1	18	12	0.54	5	5	154	5	222	
01-DU-596	62	0.03	1	18	11	0.44	5	5	138	10	166	
01-DU-597	110	0.41	1	14	40	0.29	5	220	143	10	138	
01-DU-598	28	0.01	1	12	15	0.35	5	5	113	5	324	
01-DU-599	20	0.01	1	9	20	0.24	10	5	59	5	98	
01-DU-600	30	0.09	1	10	14	0.30	10	5	150	10	116	
01-DU-601	40	0.01	1	19	13	0.59	10	5	155	10	182	
01-DU-602	42	0.05	1	12	18	0.29	10	5	84	5	112	
01-DU-603	26	0.01	1	4	9	0.10	10	5	24	5	48	
01-DU-604	208	0.04	1	13	15	0.29	5	5	82	5	210	
01-DU-605	64	0.06	1	16	15	0.43	10	5	163	10	276	
01-DU-606	66	0.03	1	22	51	0.80	10	5	157	5	282	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-607	18	576504	7689959	0.1	7.30	1	5	230	2.5	1	0.09	0.5	32
01-DU-608	18	583916	7685819	0.2	6.83	84	5	330	2.5	1	0.07	1.5	29
01-DU-609	18	594695	7674995	0.1	6.72	228	5	410	2.0	1	0.06	1.0	29
01-DU-610	18	601778	7677106	0.1	6.02	232	5	340	2.5	1	0.05	0.5	25
01-DU-611	18	607634	7670895	0.1	6.71	418	5	290	3.0	1	0.06	1.5	66
01-DU-612	19	391205	7674164	0.1	7.35	540	5	320	3.0	2	0.07	1.0	57
01-DU-613	18	615074	7661718	0.1	8.16	88	5	270	2.0	1	0.04	0.3	30
01-DU-614	18	603479	7659390	0.1	6.89	208	5	330	1.5	1	0.06	0.5	38
01-DU-615	18	569819	7711267	0.1	7.91	1	5	130	3.0	1	0.15	1.0	31
01-DU-617	18	564926	7723100	2	6.39	30	5	190	3.5	1	0.01	3.5	7
01-DU-618	18	562040	7723317	0.1	8.75	1	5	170	1.5	2	0.06	0.3	24
01-DU-620	18	542150	7739689	0.1	5.26	1	5	280	1.5	1	0.35	0.3	25
01-DU-621	18	567744	7718325	0.1	9.07	1	5	250	2.5	1	0.13	2.0	30
01-DU-622	18	571572	7716667	0.1	6.13	1	5	90	3.0	1	0.25	0.5	23
01-DU-623	18	587398	7703001	0.1	4.30	32	5	330	2.5	1	0.04	2.0	17
01-DU-625	18	536942	7702459	0.1	1.90	1	5	50	0.5	1	0.34	0.3	11
01-DU-626	18	528653	7708368	0.1	3.25	1	5	110	1.5	1	0.35	0.5	25
01-DU-627	18	534427	7713489	0.1	6.56	1	5	150	2.0	1	0.19	1.5	36
01-DU-629	18	512725	7723078	0.1	4.13	1	5	110	2.0	1	0.38	0.5	24
01-DU-630	18	532905	7723655	0.1	9.75	1	5	100	3.0	1	0.09	0.3	28
01-DU-631	18	545085	7706925	0.1	6.72	1	5	380	1.5	1	0.15	1.5	40
01-DU-632	18	545876	7710825	0.1	8.20	1	5	190	2.0	1	0.08	0.3	24
01-DU-633	18	577282	7627642	0.2	6.52	216	5	330	1.5	2	0.11	1.5	41
01-DU-634	18	572865	7626509	0.2	6.95	210	5	400	2.0	1	0.33	1.5	39
01-DU-635	18	572049	7616528	0.1	6.76	298	5	320	2.5	2	0.07	1.5	53
01-DU-636	18	572587	7616404	0.2	8.22	34	10	440	2.0	1	0.16	2.0	40
01-DU-637	18	572947	7607910	0.6	5.89	360	5	450	2.5	1	0.10	4.5	66
01-DU-637G	18	572947	7607910	11	0.06	140	5	130	0.5	1	0.01	11.0	2
01-DU-638	18	574667	7598479	0.2	6.97	2	5	450	3.5	1	0.01	2.0	20
01-DU-639	18	581502	7604443	0.1	7.89	166	5	660	3.0	2	0.06	1.5	35
01-DU-640	18	594020	7607765	0.4	7.27	54	5	480	2.5	1	0.03	0.5	30
01-DU-641	18	611822	7601702	0.1	8.10	1	5	430	4.0	1	0.04	0.3	43
01-DU-642	18	615721	7600988	0.2	4.89	40	5	190	2.0	1	0.03	0.3	23
01-DU-643	18	617916	7610058	0.8	6.55	1	5	410	2.5	1	0.03	1.5	30
01-DU-644	18	613171	7614866	0.1	7.14	76	5	490	2.0	6	0.06	1.0	46
01-DU-645	18	604981	7632390	0.1	7.14	278	5	310	2.0	1	0.08	0.5	56
01-DU-646	18	603816	7623585	0.1	7.52	214	5	370	2.5	1	0.07	1.5	54
01-DU-647	18	616652	7635829	0.1	7.46	326	5	310	2.5	2	0.07	1.5	59
01-DU-648	18	613319	7626678	0.1	7.25	172	5	350	2.0	4	0.07	0.5	47
01-DU-649	18	618313	7640666	0.1	6.84	452	5	310	2.5	1	0.04	1.0	44
01-DU-650	18	529506	7656699	0.1	6.96	102	5	490	2.0	1	0.04	0.5	29
01-DU-651	18	515091	7667847	2	6.59	160	5	150	2.5	2	0.03	1.0	64
01-DU-652	18	519594	7671823	0.1	6.22	34	5	400	2.5	1	0.25	2.5	50
01-DU-653	18	512789	7677184	0.2	5.04	104	10	430	2.5	4	0.86	5.5	68
01-DU-654	18	541347	7685929	0.1	5.16	42	10	240	2.5	8	0.13	1.5	61
01-DU-655	18	539950	7674513	0.6	5.16	60	10	340	3.5	1	0.18	4.5	54
01-DU-656	18	532213	7673129	0.2	5.81	72	5	300	3.5	1	0.13	2.5	44
01-DU-657G	18	536324	7669089	10.8	1.12	800	5	140	1.0	1	0.01	11.5	1
01-DU-657B	18	578857	7657177	0.1	7.98	282	5	330	2.5	1	0.07	0.5	57

Appendix II – Till geochemistry, <0.002 mm, ICP–AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-607	69	113	9.64	20	0.5	1.46	90	1.98	1120	26	0.55	71	5490
01-DU-608	130	236	13.10	20	0.5	1.64	30	1.81	545	22	0.52	68	6040
01-DU-609	179	313	12.45	20	0.5	2.40	40	2.71	585	12	0.48	82	5600
01-DU-610	161	229	11.00	10	0.5	2.13	40	2.30	465	11	0.40	79	4930
01-DU-611	205	294	10.90	10	0.5	1.61	80	2.58	840	7	0.68	160	6780
01-DU-612	167	332	10.65	10	0.5	1.76	80	2.27	765	9	0.47	132	5060
01-DU-613	186	161	7.88	20	0.5	1.76	30	2.26	470	0.5	0.72	87	6360
01-DU-614	191	236	9.41	20	0.5	2.78	40	2.97	645	0.5	0.40	109	2990
01-DU-615	41	47	9.40	30	0.5	1.67	100	2.71	1315	0.5	0.60	28	3730
01-DU-617	175	154	20.00	30	0.5	1.83	5	1.38	180	15	0.72	15	8160
01-DU-618	55	43	6.95	30	0.5	1.06	20	1.50	755	0.5	0.48	31	4180
01-DU-620	54	54	6.88	20	0.5	1.92	40	3.38	1190	0.5	0.63	38	2490
01-DU-621	49	45	10.25	30	0.5	2.17	40	2.70	995	19	0.50	32	3240
01-DU-622	44	48	7.50	30	0.5	0.79	140	1.67	1225	6	1.41	28	15000
01-DU-623	42	103	20.00	10	0.5	1.56	50	0.81	835	27	0.74	18	9600
01-DU-625	29	30	2.83	5	0.5	0.31	50	0.52	300	1	1.84	15	15000
01-DU-626	86	64	7.20	10	0.5	0.70	100	1.69	870	0.5	3.57	40	15000
01-DU-627	104	99	9.61	30	0.5	1.10	70	2.83	1150	0.5	0.88	61	6870
01-DU-629	45	43	6.88	10	0.5	1.21	40	2.88	1020	0.5	0.95	27	8250
01-DU-630	110	60	7.81	30	0.5	0.60	30	2.28	975	0.5	0.55	60	5730
01-DU-631	169	166	10.90	30	0.5	2.85	120	4.22	965	5	0.49	86	2970
01-DU-632	60	67	6.87	30	0.5	1.40	50	2.11	655	1	0.45	30	4210
01-DU-633	189	308	9.67	20	0.5	2.93	10	3.02	725	0.5	0.61	174	4030
01-DU-634	192	347	9.90	20	0.5	3.07	30	3.22	720	0.5	0.43	188	2100
01-DU-635	181	332	8.88	10	0.5	2.55	10	2.77	750	0.5	0.67	157	6070
01-DU-636	243	175	10.55	30	0.5	4.28	20	4.02	860	0.5	0.48	132	2000
01-DU-637	204	438	20.00	10	0.5	2.21	10	2.31	1940	33	0.74	165	15000
01-DU-637G	16	182	20.00	5	0.5	1.80	5	0.05	15	206	0.43	1	7510
01-DU-638	233	274	14.75	30	0.5	3.03	10	2.49	625	13	0.53	48	4880
01-DU-639	231	540	13.95	20	0.5	4.09	40	3.33	805	10	0.46	94	5240
01-DU-640	214	335	10.75	20	0.5	3.09	10	3.10	685	6	0.61	89	5400
01-DU-641	259	236	10.80	20	0.5	4.04	5	3.60	960	0.5	0.43	137	2880
01-DU-642	154	192	9.15	10	0.5	1.13	10	1.27	470	8	1.08	54	8630
01-DU-643	197	306	13.15	10	0.5	2.75	10	2.48	785	17	0.49	79	5970
01-DU-644	203	371	12.25	20	0.5	3.03	20	3.21	740	5	0.51	117	6270
01-DU-645	189	293	9.34	20	0.5	2.43	30	2.93	760	1	0.69	143	7510
01-DU-646	214	363	10.60	20	0.5	2.93	10	3.27	835	0.5	0.53	185	4480
01-DU-647	187	401	10.70	20	0.5	2.21	60	2.80	750	6	0.54	190	5410
01-DU-648	204	330	10.45	20	0.5	2.73	10	3.10	735	1	0.62	147	5460
01-DU-649	200	421	11.90	10	0.5	2.29	60	3.08	705	8	0.45	121	5610
01-DU-650	208	249	12.30	20	0.5	3.04	30	3.04	710	9	0.49	75	5120
01-DU-651	95	510	13.65	10	0.5	1.03	5	1.79	1125	24	0.49	249	6600
01-DU-652	148	289	11.80	10	0.5	2.49	20	3.30	990	10	0.47	232	2930
01-DU-653	88	316	13.50	10	0.5	1.49	20	3.96	1345	18	0.75	380	4470
01-DU-654	105	212	10.00	10	0.5	1.61	10	2.79	1170	0.5	0.56	215	4130
01-DU-655	116	328	20.00	10	0.5	1.47	30	2.75	1095	27	0.48	273	4170
01-DU-656	145	301	14.85	10	0.5	1.75	10	2.81	810	13	0.49	214	4270
01-DU-657G	38	193	20.00	10	0.5	1.79	5	0.40	165	112	0.47	9	15000
01-DU-657B	204	411	11.10	20	0.5	2.41	30	3.29	820	5	0.58	188	5210

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-607	160	0.03	1	16	36	0.48	10	40	135	10	302	
01-DU-608	56	0.16	1	14	50	0.43	5	5	159	5	148	
01-DU-609	76	0.50	1	15	68	0.41	5	5	143	5	192	
01-DU-610	64	0.51	1	13	66	0.39	5	5	122	5	164	
01-DU-611	88	0.09	1	16	90	0.28	20	5	160	10	204	
01-DU-612	86	0.14	1	14	115	0.34	20	5	141	10	176	
01-DU-613	36	0.05	1	14	32	0.35	5	5	126	10	156	
01-DU-614	34	0.04	1	15	27	0.46	10	5	143	10	196	
01-DU-615	72	0.01	1	17	29	0.64	10	30	157	10	220	
01-DU-617	20	1.55	1	20	40	0.28	5	5	219	5	112	
01-DU-618	44	0.05	1	11	14	0.42	5	5	104	10	170	
01-DU-620	38	0.02	1	17	17	0.57	10	5	111	10	178	
01-DU-621	56	0.01	1	19	25	0.81	5	5	206	5	222	
01-DU-622	90	0.03	1	13	30	0.32	10	5	122	10	154	
01-DU-623	86	1.37	1	8	42	0.25	10	5	85	5	120	
01-DU-625	26	0.08	1	5	13	0.11	10	5	37	5	50	
01-DU-626	32	0.09	1	12	25	0.18	10	5	121	5	116	
01-DU-627	40	0.05	1	15	19	0.52	30	5	171	10	182	
01-DU-629	46	0.02	1	15	22	0.37	10	5	104	5	146	
01-DU-630	60	0.06	1	13	13	0.55	10	5	143	10	154	
01-DU-631	42	0.01	1	22	25	0.73	10	5	165	5	266	
01-DU-632	30	0.06	1	14	16	0.49	10	5	101	10	154	
01-DU-633	34	0.02	1	17	15	0.41	5	5	157	10	210	
01-DU-634	42	0.02	1	17	23	0.41	5	5	166	10	230	
01-DU-635	46	0.03	1	17	16	0.35	10	5	146	10	186	
01-DU-636	28	0.01	1	21	23	0.58	5	5	194	10	246	
01-DU-637	60	0.15	1	24	20	0.39	5	5	190	5	288	
01-DU-637G	46	4.12	1	1	19	0.21	5	5	736	5	48	
01-DU-638	86	0.94	2	24	51	0.49	5	5	198	5	168	
01-DU-639	148	0.93	1	22	122	0.60	5	5	183	10	208	
01-DU-640	36	0.15	1	18	18	0.50	5	5	163	10	186	
01-DU-641	28	0.01	1	25	14	0.67	5	5	208	10	256	
01-DU-642	30	0.24	1	5	11	0.14	5	5	109	10	102	
01-DU-643	66	0.26	1	16	25	0.51	5	5	147	5	198	
01-DU-644	64	0.12	1	19	28	0.55	5	5	166	10	208	
01-DU-645	42	0.03	1	16	21	0.38	10	5	143	10	200	
01-DU-646	42	0.03	1	19	19	0.46	5	5	171	10	236	
01-DU-647	64	0.03	1	16	29	0.37	10	5	148	10	206	
01-DU-648	38	0.05	1	18	15	0.44	5	5	163	10	216	
01-DU-649	106	0.05	1	16	23	0.36	10	5	148	10	202	
01-DU-650	44	0.68	1	18	52	0.48	5	5	163	10	194	
01-DU-651	64	0.20	8	11	12	0.22	10	5	103	5	756	
01-DU-652	30	0.03	1	14	14	0.37	5	5	147	5	430	
01-DU-653	58	0.05	1	12	16	0.27	5	5	153	5	926	
01-DU-654	36	0.05	1	13	13	0.35	10	5	121	5	352	
01-DU-655	42	0.05	2	13	15	0.31	5	5	192	5	608	
01-DU-656	34	0.06	1	13	14	0.33	5	5	155	5	364	
01-DU-657G	410	3.19	30	3	43	0.25	5	5	116	5	104	
01-DU-657B	48	0.04	1	17	31	0.40	20	5	158	10	236	

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
01-DU-658	18	561422	7674088	0.1	5.40	102	5	330	2.0	4	0.03	1.5	17
01-DU-659	18	572379	7674827	0.1	6.56	114	5	390	3.5	1	0.01	1.5	21
01-DU-660	18	558414	7686485	0.1	5.44	1	5	160	1.5	2	0.08	0.3	19
01-DU-662	18	570954	7685896	0.1	5.50	1	5	300	2.0	1	0.13	0.5	33
01-DU-663	18	588207	7667925	0.1	7.59	242	5	460	2.5	2	0.08	1.5	32
01-DU-664	18	581044	7673937	0.2	7.43	154	5	330	2.5	10	0.04	0.5	25
01-DU-665	18	554645	7671065	0.1	5.99	56	5	380	2.5	8	0.05	0.5	18
01-DU-666	18	550215	7655643	0.1	6.59	138	5	380	1.5	1	0.06	0.5	29
01-DU-667	18	616116	7651227	0.1	6.46	582	5	310	2.5	2	0.03	1.0	39
01-DU-668	18	601461	7651782	0.1	7.03	228	5	300	2.5	1	0.06	0.5	47
01-DU-669	18	584965	7638846	0.1	6.66	174	5	290	1.5	1	0.06	0.5	41
01-DU-670	18	586122	7631057	0.1	5.98	152	5	290	1.5	1	0.12	0.5	35
01-DU-671	18	577915	7653681	0.1	7.81	550	5	400	2.5	1	0.04	1.0	45
01-DU-672	19	404401	7592049	0.1	5.76	1	5	260	2.0	1	0.23	0.5	34
01-DU-673	19	402820	7588680	0.1	6.42	1	10	250	3.5	1	0.11	1.0	36
01-DU-674	19	401789	7579586	0.1	5.66	1	10	270	3.0	1	2.51	0.5	24
01-DU-675	19	402442	7576499	0.1	4.98	1	5	190	2.5	1	0.15	0.3	28
01-DU-676	19	405983	7578218	0.1	5.93	1	5	300	3.5	1	0.22	0.5	28
01-DU-677	19	408606	7575401	0.1	6.10	1	5	230	3.5	1	0.10	1.0	32
01-DU-678	19	413032	7584741	0.2	6.55	1	10	300	4.0	1	0.26	2.0	32
01-DU-679	19	410736	7585367	0.1	4.39	1	5	160	2.5	2	0.20	0.3	37
01-DU-680	19	395337	7601972	0.1	5.86	1	5	300	2.5	1	0.07	0.5	31
01-DU-681	19	390798	7603998	0.1	8.02	1	5	450	3.0	1	0.07	1.5	33
01-DU-682	19	397334	7588236	0.1	6.44	1	10	280	3.0	1	0.14	0.5	33
01-DU-683	19	380578	7606324	0.1	6.44	162	5	530	2.5	1	0.10	1.5	44
01-DU-684	19	377949	7600064	0.1	7.64	1	5	340	3.0	1	0.06	0.5	35
01-DU-685	19	391186	7595181	0.1	5.94	1	5	320	1.5	1	0.20	0.5	36
01-DU-686	19	386886	7588717	0.1	5.49	1	5	250	2.5	1	0.22	0.3	34
01-DU-687	19	401588	7559384	0.1	6.75	1	5	450	3.0	1	0.19	0.5	28
01-DU-690	19	389270	7557083	0.1	6.71	1	5	450	3.5	1	0.35	1.0	28
01-DU-691	19	386747	7629592	0.1	7.24	66	5	430	1.5	1	0.07	1.5	51
01-DU-692	19	390443	7625313	0.2	6.17	34	5	480	1.5	1	0.04	1.5	27
01-DU-693	19	397936	7594660	0.1	5.56	1	5	270	2.0	1	0.22	0.5	37
01-DU-694	19	392516	7591358	0.1	5.38	1	10	260	2.0	1	0.21	0.3	36
01-DU-695	19	379704	7563156	0.1	6.72	1	5	250	5.5	1	0.10	0.5	39
01-DU-696	19	382856	7568008	0.1	3.71	1	5	140	3.5	2	0.23	0.3	40
01-DU-697	19	388153	7567698	0.1	5.99	1	5	200	4.0	1	0.12	0.3	37
01-DU-698	19	377734	7575264	0.1	6.03	1	10	230	4.5	2	0.12	0.3	40
01-DU-699	19	383405	7574925	0.1	5.54	1	10	280	5.0	1	0.26	0.3	28
01-DU-700	19	378766	7578711	0.1	6.27	1	30	250	4.0	1	0.30	0.5	25
01-DU-701	18	504872	7689881	0.2	6.58	1	10	300	3.5	1	0.27	4.5	57
01-DU-702	18	504890	7689681	0.1	6.27	1	5	360	3.0	1	0.33	2.0	43
01-DU-703	18	505201	7683491	0.1	6.57	2	5	320	2.5	1	0.58	2.5	38
01-DU-704	18	505194	7682944	0.1	5.83	16	5	320	3.0	12	0.30	3.0	57
02-DU-0284	19	382557	7621231	0.1	5.89	64	10	320	0.9	5	0.09	0.5	34
02-DU-0691	19	386747	7629592	0.1	6.38	49	5	330	0.3	5	0.09	0.9	31
02-DU-1002	19	378863	7616453	0.8	4.00	165	10	160	1.0	6	0.11	0.7	15
02-DU-1004	19	382379	7611770	0.1	6.60	65	20	270	2.4	7	0.07	0.7	40
02-DU-1005	19	383569	7616664	0.1	6.41	134	10	290	1.2	6	0.10	1.0	45

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
01-DU-658	158	195	20.00	10	0.5	2.88	50	2.22	555	24	0.41	38	6340
01-DU-659	177	270	13.75	20	0.5	2.25	40	2.64	580	20	0.59	52	7990
01-DU-660	57	65	8.49	30	0.5	2.36	30	2.26	955	35	0.49	35	5010
01-DU-662	76	69	9.46	30	0.5	2.26	50	2.80	1415	12	0.54	51	3990
01-DU-663	159	286	13.70	20	0.5	1.93	60	2.39	610	17	0.53	82	7510
01-DU-664	158	244	10.00	20	0.5	1.53	30	1.99	465	9	0.53	64	5890
01-DU-665	178	186	10.65	10	0.5	2.63	30	2.71	645	13	0.46	52	6170
01-DU-666	186	197	9.74	10	0.5	2.88	10	3.03	730	2	0.38	89	3590
01-DU-667	177	351	11.40	20	0.5	2.10	60	2.79	580	10	0.73	109	9560
01-DU-668	178	272	9.92	20	0.5	2.10	60	2.79	690	4	0.79	119	8130
01-DU-669	175	258	8.97	10	0.5	2.31	30	2.84	680	2	0.58	112	6160
01-DU-670	172	272	8.78	10	0.5	2.57	10	2.84	630	1	0.45	148	3170
01-DU-671	217	385	11.70	20	0.5	2.98	10	3.28	925	4	0.45	125	4640
01-DU-672	171	100	8.76	20	0.5	2.37	10	2.85	1130	0.5	0.55	95	2070
01-DU-673	162	161	9.25	30	0.5	2.78	10	2.51	755	0.5	0.57	102	3680
01-DU-674	138	80	7.20	20	0.5	2.46	10	2.43	550	0.5	0.48	68	2470
01-DU-675	134	68	6.51	10	0.5	1.75	10	1.86	495	0.5	0.54	63	2730
01-DU-676	155	89	7.70	20	0.5	1.99	10	2.21	515	0.5	0.43	78	2160
01-DU-677	201	120	9.22	20	0.5	2.18	20	2.39	545	6	0.64	73	4790
01-DU-678	148	135	8.95	20	0.5	2.69	10	2.65	735	0.5	0.50	88	2200
01-DU-679	142	143	7.59	10	0.5	1.67	30	1.87	620	0.5	0.90	88	8990
01-DU-680	156	145	8.42	10	0.5	2.52	10	2.34	820	1	0.44	72	3850
01-DU-681	267	171	10.45	30	0.5	4.16	5	3.64	885	1	0.43	113	2840
01-DU-682	176	166	9.21	30	0.5	3.09	10	2.74	680	0.5	0.46	122	1960
01-DU-683	294	255	13.55	10	0.5	2.09	10	2.59	915	11	0.43	119	6130
01-DU-684	241	175	9.75	20	0.5	3.31	10	3.11	830	1	0.48	102	3800
01-DU-685	182	97	8.28	20	0.5	2.92	10	2.98	1100	0.5	0.58	101	4000
01-DU-686	143	102	7.78	20	0.5	2.04	30	2.38	755	0.5	0.57	73	3080
01-DU-687	126	72	9.00	30	0.5	2.54	60	2.32	710	0.5	0.51	48	2590
01-DU-690	94	52	9.34	30	0.5	1.94	100	2.52	885	0.5	0.87	36	6390
01-DU-691	226	252	10.80	20	0.5	3.38	10	3.46	935	1	0.53	147	4010
01-DU-692	203	312	14.60	20	0.5	3.28	60	2.76	670	16	0.46	60	5820
01-DU-693	296	118	8.14	20	0.5	2.22	30	3.28	1035	0.5	0.65	156	4290
01-DU-694	138	124	8.02	20	0.5	2.28	30	2.50	770	0.5	0.48	81	2500
01-DU-695	187	129	8.69	30	0.5	1.95	10	2.52	605	0.5	0.65	88	5770
01-DU-696	113	81	5.31	10	0.5	0.69	60	1.40	680	1	4.21	60	15000
01-DU-697	161	92	7.41	20	0.5	1.37	30	2.19	725	0.5	1.11	74	15000
01-DU-698	112	133	8.25	20	0.5	2.09	10	2.00	765	0.5	0.78	77	6500
01-DU-699	138	87	7.30	20	0.5	2.29	20	2.31	555	0.5	0.37	74	1630
01-DU-700	134	86	7.86	30	0.5	2.78	10	2.41	615	0.5	0.49	65	2020
01-DU-701	183	281	11.25	20	0.5	2.02	10	3.57	1430	5	0.59	186	4010
01-DU-702	139	176	10.55	20	0.5	1.26	30	3.85	1985	0.5	0.51	133	4290
01-DU-703	133	153	9.77	20	0.5	1.63	30	3.61	2010	0.5	0.55	121	6060
01-DU-704	114	173	9.46	10	0.5	1.52	10	3.46	2190	1	0.87	175	9960
02-DU-0284	170	296	10.65	20	0.5	2.16	50	2.47	673	8	0.98	106	15000
02-DU-0691	199	178	10.40	20	0.5	3.18	30	3.19	809	2	0.66	122	5340
02-DU-1002	179	227	12.10	10	0.5	1.03	30	1.51	389	16	2.83	78	15000
02-DU-1004	200	258	10.15	20	0.5	2.72	30	2.92	844	5	0.46	120	4300
02-DU-1005	186	322	10.60	20	0.5	2.81	30	2.97	722	4	0.57	181	4500

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
01-DU-658	94	1.58	1	16	125	0.45	5	5	139	5	166	
01-DU-659	66	0.32	1	15	69	0.47	5	5	161	10	180	
01-DU-660	110	0.06	1	20	17	0.58	20	5	140	10	202	
01-DU-662	80	0.04	1	19	22	0.59	10	10	144	5	250	
01-DU-663	94	0.24	1	16	87	0.44	10	5	144	10	204	
01-DU-664	46	0.10	1	12	40	0.40	5	5	144	10	146	
01-DU-665	56	0.59	1	17	35	0.46	5	10	155	5	188	
01-DU-666	32	0.03	1	16	13	0.47	5	5	145	10	184	
01-DU-667	104	0.06	1	15	25	0.30	10	5	133	10	186	
01-DU-668	58	0.05	1	14	39	0.36	10	5	139	5	210	
01-DU-669	36	0.03	1	14	18	0.37	10	5	129	10	184	
01-DU-670	34	0.01	1	15	15	0.37	5	5	135	5	192	
01-DU-671	68	0.08	1	20	16	0.48	5	5	163	10	220	
01-DU-672	36	0.03	1	19	15	0.59	5	5	137	10	214	
01-DU-673	30	0.01	1	21	16	0.60	5	5	176	10	264	
01-DU-674	34	0.01	1	19	46	0.52	5	5	148	10	216	
01-DU-675	28	0.02	1	16	15	0.45	5	5	135	10	168	
01-DU-676	44	0.02	1	18	17	0.52	5	5	158	10	202	
01-DU-677	46	0.08	1	19	29	0.54	5	5	187	10	210	
01-DU-678	34	0.02	1	21	20	0.58	5	5	166	10	342	
01-DU-679	54	0.02	1	17	16	0.36	5	5	127	5	196	
01-DU-680	38	0.01	1	16	15	0.49	5	5	137	10	194	
01-DU-681	26	0.01	1	25	16	0.68	5	5	206	10	300	
01-DU-682	22	0.01	1	22	16	0.65	5	5	179	10	294	
01-DU-683	58	0.20	1	19	21	0.43	5	5	148	5	222	
01-DU-684	28	0.03	1	23	16	0.60	5	5	191	10	242	
01-DU-685	26	0.01	1	19	15	0.59	5	5	156	10	204	
01-DU-686	34	0.02	1	17	16	0.58	10	5	160	10	200	
01-DU-687	44	0.01	1	22	31	0.75	10	5	173	10	244	
01-DU-690	50	0.02	1	22	38	0.66	50	5	165	5	234	
01-DU-691	54	0.04	1	19	16	0.54	5	5	175	10	238	
01-DU-692	86	1.38	2	19	99	0.53	10	5	164	5	190	
01-DU-693	38	0.01	1	16	16	0.50	5	5	141	10	194	
01-DU-694	34	0.01	1	17	16	0.58	5	5	157	5	212	
01-DU-695	54	0.03	1	18	21	0.56	5	5	184	10	236	
01-DU-696	68	0.03	1	11	24	0.17	10	5	97	5	148	
01-DU-697	58	0.03	1	17	20	0.39	10	5	152	10	200	
01-DU-698	60	0.03	1	16	17	0.47	5	5	135	10	216	
01-DU-699	32	0.01	1	17	24	0.55	5	5	146	10	220	
01-DU-700	28	0.01	1	19	17	0.60	5	5	152	10	230	
01-DU-701	136	0.06	1	22	15	0.38	5	5	204	5	666	
01-DU-702	124	0.06	1	18	14	0.34	5	5	173	5	474	
01-DU-703	102	0.09	1	16	17	0.32	5	5	168	10	396	
01-DU-704	110	0.06	1	15	16	0.32	20	5	166	10	416	
02-DU-0284	47	0.18	5	14	13	0.29	5	10	147	10	174	0.06
02-DU-0691	45	0.02	8	18	3	0.50	5	10	166	10	220	0.01
02-DU-1002	77	0.19	4	8	0.5	0.15	5	10	97	10	108	0.13
02-DU-1004	33	0.02	8	20	6	0.48	5	20	174	10	214	0.01
02-DU-1005	37	0.02	5	18	3	0.45	5	10	165	10	225	0.01

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1006	19	390892	7612323	0.1	5.94	60	20	270	1.7	8	0.09	0.8	32
02-DU-1007	19	393686	7617092	0.1	6.68	49	10	340	1.5	9	0.10	1.3	30
02-DU-1008	19	387656	7618639	0.1	7.06	118	10	340	1.2	3	0.08	1.1	36
02-DU-1010	19	392482	7624067	0.1	6.48	89	10	310	0.8	9	0.06	1.1	29
02-DU-1011	19	385688	7632314	0.1	6.82	144	5	370	0.5	2	0.07	1.4	36
02-DU-1012	19	396494	7635366	0.1	7.13	158	5	310	0.9	4	0.08	1.1	44
02-DU-1013	19	386167	7650354	0.1	6.15	483	10	180	1.7	5	0.07	1.1	42
02-DU-1014	19	396038	7650022	0.1	6.15	451	10	200	1.7	5	0.05	0.9	50
02-DU-1015	19	404073	7641000	0.1	6.29	129	5	260	1.0	4	0.13	0.9	49
02-DU-1016	19	410240	7634428	0.1	4.98	26	10	200	0.6	5	0.07	0.3	31
02-DU-1017	19	403970	7630553	0.1	6.49	115	10	250	1.1	6	0.07	0.8	34
02-DU-1018	19	409860	7651981	0.1	6.89	383	10	230	2.0	4	0.13	0.3	48
02-DU-1019	19	409926	7641558	0.1	5.01	106	10	230	0.6	3	0.08	0.3	27
02-DU-1020	19	422960	7645728	0.1	5.28	55	10	230	0.6	4	0.13	0.3	32
02-DU-1021	19	425153	7635468	0.1	6.46	87	20	270	1.2	3	0.11	1.0	49
02-DU-1022	19	417469	7631205	0.1	6.14	90	20	240	1.0	10	0.12	0.7	49
02-DU-1023	19	424194	7630376	0.1	6.88	78	20	300	0.6	3	0.14	0.8	35
02-DU-1024	19	432687	7623295	0.1	6.18	45	20	260	2.3	24	0.07	0.5	32
02-DU-1025	19	441573	7631091	0.1	5.63	35	20	260	1.3	6	0.10	0.3	30
02-DU-1026	19	435136	7642940	0.1	6.22	127	10	230	1.1	14	0.07	0.9	36
02-DU-1027	19	430999	7651390	0.1	6.87	91	10	230	1.3	8	0.07	0.8	42
02-DU-1028	19	438141	7612404	0.1	6.71	37	10	260	2.5	3	0.11	0.9	35
02-DU-1029	19	428225	7608662	0.1	5.73	9	20	210	1.3	7	0.15	0.3	31
02-DU-1030	19	433072	7602692	0.1	4.60	4	10	150	1.3	4	0.23	0.7	34
02-DU-1031	19	437514	7598106	0.1	5.94	1	20	220	1.5	2	0.51	1.0	28
02-DU-1032	19	439599	7589221	0.1	5.29	1	10	160	0.7	1	0.15	0.3	28
02-DU-1033	19	445015	7591320	0.1	6.24	1	10	200	1.4	6	0.09	0.3	26
02-DU-1034	19	441852	7594931	0.1	5.92	2	10	220	1.0	8	0.25	0.9	29
02-DU-1035	19	451971	7595021	0.1	6.13	4	10	190	1.5	2	0.14	0.5	33
02-DU-1036	19	449432	7598076	0.1	5.71	1	10	210	0.9	3	0.16	0.8	27
02-DU-1037	19	438272	7605235	0.1	5.64	9	10	200	1.7	7	0.12	0.5	30
02-DU-1038	19	424738	7593016	0.1	3.72	7	30	110	1.5	5	6.10	1.1	19
02-DU-1039	19	423469	7596204	0.1	5.78	5	10	200	1.2	2	0.19	0.5	30
02-DU-1040	19	412127	7597780	0.1	6.05	10	10	270	2.1	10	0.20	0.8	31
02-DU-1041	19	405077	7596759	0.1	5.48	10	10	230	1.0	6	0.22	0.5	33
02-DU-1043	19	408507	7610302	0.1	5.96	100	10	320	1.5	6	0.09	1.2	30
02-DU-1044	19	418696	7615084	0.1	5.78	70	10	260	1.3	12	0.10	0.3	27
02-DU-1045	19	413564	7617593	0.1	6.51	61	20	290	1.8	9	0.06	0.5	31
02-DU-1046	19	409480	7624219	0.1	7.18	61	10	390	0.7	8	0.09	1.1	29
02-DU-1047	19	406046	7623843	0.1	6.43	71	10	330	1.0	6	0.09	1.1	33
02-DU-1048	19	415675	7564518	0.1	6.30	1	10	210	3.4	1	0.13	0.7	33
02-DU-1048G	19	415675	7564518	0.1	2.80	1	20	30	0.3	10	0.03	8.0	4
02-DU-1049	19	416251	7553502	0.1	9.32	1	5	250	2.4	7	0.11	0.3	15
02-DU-1050	19	422002	7548117	0.1	9.64	1	5	220	2.0	6	0.07	0.3	15
02-DU-1051	19	425641	7548739	0.1	9.48	1	5	290	2.3	5	0.09	0.3	17
02-DU-1052	19	422692	7562254	0.1	7.11	1	5	170	5.2	6	0.06	0.3	23
02-DU-1053	19	434386	7554080	0.1	8.45	1	5	270	1.8	5	0.08	0.5	20
02-DU-1054	19	439620	7551240	0.1	11.70	2	5	130	16.0	2	0.06	0.3	19
02-DU-1055	19	445735	7549035	0.1	8.71	1	5	300	1.8	2	0.10	0.3	27

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1006	170	206	9.53	20	0.5	2.35	40	2.53	662	6	0.45	99	3810
02-DU-1007	208	244	10.60	20	0.5	3.34	20	3.34	817	4	0.47	110	3660
02-DU-1008	214	249	10.80	20	0.5	3.48	20	3.42	785	4	0.46	134	3350
02-DU-1010	181	257	11.75	20	0.5	2.23	50	2.67	622	10	0.44	97	4200
02-DU-1011	191	315	11.30	20	0.5	2.96	40	3.12	723	6	0.45	122	3630
02-DU-1012	203	343	10.65	30	0.5	2.85	30	3.24	672	5	0.61	152	5840
02-DU-1013	143	300	9.17	20	0.5	1.52	160	2.21	602	10	0.55	133	6200
02-DU-1014	166	323	8.89	20	0.5	1.66	110	2.12	536	8	1.65	156	15000
02-DU-1015	175	251	9.83	20	0.5	2.27	50	2.81	761	5	0.84	158	8440
02-DU-1016	141	158	7.67	20	0.5	1.90	40	1.59	389	4	0.68	112	6790
02-DU-1017	183	241	10.65	20	0.5	2.73	30	2.91	728	5	0.58	126	5310
02-DU-1018	171	343	10.25	20	0.5	1.65	90	2.41	660	8	0.69	154	7420
02-DU-1019	166	193	7.98	20	0.5	1.88	60	2.12	492	7	1.45	110	15000
02-DU-1020	152	166	8.68	20	0.5	1.82	40	2.04	552	6	0.50	100	4720
02-DU-1021	191	277	10.65	20	0.5	2.71	30	2.93	869	4	0.60	186	5330
02-DU-1022	174	185	10.05	20	0.5	2.28	60	2.61	860	3	0.67	154	5740
02-DU-1023	204	206	10.40	30	0.5	3.58	30	3.41	857	2	0.50	166	3060
02-DU-1024	178	242	9.76	20	0.5	2.59	30	2.71	763	36	0.50	103	4530
02-DU-1025	166	181	8.63	20	0.5	2.61	30	2.46	713	3	0.38	110	2790
02-DU-1026	177	227	10.65	20	0.5	2.48	40	2.80	708	5	0.50	122	4620
02-DU-1027	176	195	9.52	20	0.5	2.03	50	2.62	761	5	0.43	126	3420
02-DU-1028	165	197	10.10	30	0.5	2.34	40	2.44	945	4	0.41	108	3550
02-DU-1029	161	117	8.65	20	0.5	2.49	30	2.50	925	2	0.45	94	3820
02-DU-1030	157	92	7.79	20	0.5	1.67	60	2.12	880	2	1.07	98	15000
02-DU-1031	141	84	8.67	30	0.5	2.58	30	2.54	874	0.5	0.45	83	3050
02-DU-1032	180	100	8.00	30	0.5	2.20	30	2.33	632	0.5	0.50	155	2980
02-DU-1033	140	123	9.40	30	0.5	2.90	20	2.49	603	5	0.42	71	3340
02-DU-1034	154	116	9.25	30	0.5	2.79	30	2.64	793	0.5	0.48	100	3150
02-DU-1035	166	131	9.22	30	0.5	2.53	30	2.62	723	4	0.49	90	3870
02-DU-1036	150	107	8.67	30	0.5	2.72	30	2.54	730	0.5	0.40	102	2410
02-DU-1037	135	115	8.32	30	0.5	1.86	40	2.15	828	2	0.54	92	4970
02-DU-1038	83	50	5.13	20	0.5	1.44	20	2.07	525	0.5	0.69	52	5270
02-DU-1039	162	127	9.26	30	0.5	2.23	40	2.45	813	1	0.45	102	2370
02-DU-1040	165	151	9.45	20	0.5	2.57	40	2.75	859	2	0.35	108	2650
02-DU-1041	159	129	8.87	20	0.5	2.23	30	2.60	927	2	0.41	102	2340
02-DU-1043	196	237	11.30	20	0.5	2.12	40	2.35	623	9	0.41	112	4580
02-DU-1044	175	179	10.00	20	0.5	2.07	30	2.34	665	6	0.52	86	4690
02-DU-1045	210	207	10.45	20	0.5	2.67	30	2.91	770	6	0.53	102	5060
02-DU-1046	223	184	11.00	20	0.5	3.82	20	3.64	821	3	0.43	103	3350
02-DU-1047	189	205	10.40	20	0.5	2.75	40	2.95	762	3	0.58	95	6000
02-DU-1048	173	91	9.82	30	0.5	1.74	50	2.25	793	2	0.68	76	6120
02-DU-1048G	150	196	20.00	40	0.5	0.47	10	0.52	92	106	0.37	8	6590
02-DU-1049	61	23	6.92	30	0.5	0.87	70	1.23	409	0.5	0.91	22	8660
02-DU-1050	60	22	6.58	30	0.5	0.76	30	1.04	630	1	0.70	22	5940
02-DU-1051	99	29	6.24	30	0.5	0.92	30	1.34	473	2	1.21	33	15000
02-DU-1052	120	97	7.49	30	0.5	1.14	60	1.57	378	7	0.89	71	8010
02-DU-1053	75	45	6.29	30	0.5	1.08	50	1.48	412	1	0.66	40	7930
02-DU-1054	120	62	6.62	30	0.5	0.69	30	1.19	541	3	0.83	58	15000
02-DU-1055	126	87	7.99	30	0.5	1.43	20	1.85	302	2	0.56	52	4960

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1006	37	0.02	5	17	6	0.45	5	20	149	10	201	0.01
02-DU-1007	42	0.06	6	21	4	0.54	5	10	181	10	221	0.01
02-DU-1008	31	0.01	8	20	1	0.54	5	10	177	10	228	0.01
02-DU-1010	61	0.12	6	16	12	0.40	5	10	158	10	180	0.04
02-DU-1011	42	0.13	8	18	10	0.43	5	10	164	10	202	0.02
02-DU-1012	33	0.03	9	19	6	0.41	5	10	168	10	213	0.01
02-DU-1013	75	0.03	6	12	26	0.26	5	5	118	10	176	0.02
02-DU-1014	48	0.07	2	12	18	0.15	5	5	122	5	172	0.10
02-DU-1015	36	0.03	8	16	10	0.35	5	10	149	10	204	0.02
02-DU-1016	35	0.02	4	11	3	0.29	5	10	105	10	138	0.03
02-DU-1017	50	0.03	8	17	4	0.43	5	10	157	10	215	0.01
02-DU-1018	49	0.03	9	16	23	0.35	5	10	152	10	194	0.03
02-DU-1019	50	0.05	2	12	4	0.23	5	10	117	10	189	0.07
02-DU-1020	40	0.02	6	14	14	0.33	5	10	135	5	169	0.02
02-DU-1021	40	0.05	8	18	3	0.43	5	10	166	10	242	0.02
02-DU-1022	49	0.05	6	16	6	0.39	5	10	154	10	203	0.05
02-DU-1023	28	0.01	9	20	3	0.52	5	10	176	10	234	0.01
02-DU-1024	56	0.02	6	18	2	0.45	10	20	152	10	214	0.01
02-DU-1025	38	0.01	6	15	4	0.41	5	10	132	10	213	0.01
02-DU-1026	53	0.02	6	15	4	0.43	5	20	151	10	214	0.01
02-DU-1027	39	0.04	7	15	14	0.35	5	10	148	10	196	0.04
02-DU-1028	66	0.02	9	19	7	0.49	5	30	152	10	272	0.01
02-DU-1029	33	0.02	7	19	4	0.49	10	10	153	10	222	0.01
02-DU-1030	34	0.02	7	14	6	0.34	5	10	136	10	186	0.02
02-DU-1031	35	0.03	6	20	10	0.52	5	10	151	10	240	0.02
02-DU-1032	27	0.01	5	17	4	0.47	5	10	132	5	196	0.01
02-DU-1033	32	0.01	7	21	2	0.62	10	10	171	10	249	0.01
02-DU-1034	51	0.02	7	22	6	0.57	5	10	170	10	304	0.01
02-DU-1035	40	0.02	10	21	4	0.58	10	10	169	10	256	0.01
02-DU-1036	28	0.01	7	21	4	0.55	10	10	164	5	262	0.01
02-DU-1037	38	0.02	7	16	3	0.43	5	10	140	10	220	0.02
02-DU-1038	31	0.03	4	11	62	0.27	5	10	98	5	140	0.02
02-DU-1039	37	0.01	6	19	4	0.52	5	10	160	10	228	0.01
02-DU-1040	34	0.01	5	19	6	0.53	5	10	170	10	263	0.01
02-DU-1041	33	0.02	6	17	4	0.53	5	10	159	10	225	0.02
02-DU-1043	46	0.08	5	15	14	0.41	5	20	151	10	210	0.02
02-DU-1044	38	0.05	6	14	4	0.39	5	10	146	10	186	0.03
02-DU-1045	38	0.03	7	20	3	0.48	5	10	171	10	231	0.01
02-DU-1046	25	0.01	8	21	1	0.57	5	10	184	10	219	0.01
02-DU-1047	63	0.08	10	17	10	0.45	5	10	158	10	201	0.02
02-DU-1048	29	0.02	8	17	17	0.53	5	5	213	10	228	0.03
02-DU-1048G	32	0.11	5	11	0.5	0.21	5	20	271	20	90	0.01
02-DU-1049	32	0.07	9	15	7	0.39	10	5	126	5	150	0.22
02-DU-1050	51	0.03	7	17	4	0.39	5	50	115	5	144	0.05
02-DU-1051	32	0.06	11	16	10	0.41	5	10	137	10	150	0.11
02-DU-1052	52	0.08	7	15	6	0.39	5	5	141	10	212	0.09
02-DU-1053	36	0.05	7	13	7	0.47	10	5	133	5	211	0.16
02-DU-1054	38	0.03	11	14	8	0.37	5	10	149	5	183	0.14
02-DU-1055	28	0.03	8	16	10	0.62	10	10	189	10	261	0.05

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1056	19	449541	7549875	0.1	7.32	5	5	90	3.6	6	0.17	0.3	13
02-DU-1057	19	457400	7541686	0.2	9.87	1	5	90	3.6	7	0.04	0.3	17
02-DU-1058	19	448268	7553123	0.1	7.57	3	5	110	2.9	3	0.10	0.3	17
02-DU-1059	19	454745	7551695	0.4	10.05	2	5	80	15.0	10	0.09	1.0	30
02-DU-1060	19	453835	7561522	0.1	7.09	3	5	180	2.9	3	0.20	0.5	22
02-DU-1061	19	441604	7563228	0.1	7.06	1	5	220	6.2	10	0.24	1.0	36
02-DU-1062	19	437772	7562833	0.1	9.11	1	10	220	4.9	4	0.11	0.3	20
02-DU-1063	19	434563	7564688	0.1	8.34	1	5	240	3.8	8	0.11	0.3	23
02-DU-1064	19	435006	7567535	0.1	7.47	2	5	350	1.9	1	0.17	0.7	30
02-DU-1065	19	448094	7563713	0.1	6.51	3	5	170	4.4	8	0.13	0.3	28
02-DU-1066	19	460731	7563918	0.1	6.48	3	5	220	3.1	4	0.18	0.3	20
02-DU-1067	19	458808	7567797	0.1	6.04	15	10	200	3.7	1	0.20	0.3	30
02-DU-1068	19	448753	7567872	0.1	7.13	1	5	310	3.1	7	0.17	0.3	24
02-DU-1069	19	458048	7582405	0.1	5.19	1	10	130	4.6	4	0.05	0.3	29
02-DU-1069G	19	458048	7582405	0.8	4.27	7	10	160	1.9	7	0.03	1.9	40
02-DU-1070	19	447586	7585967	0.1	7.06	2	10	170	3.8	5	0.07	0.6	32
02-DU-1071	19	446903	7574447	0.1	7.14	8	5	110	3.2	1	0.07	0.5	22
02-DU-1073	19	431489	7578249	0.1	5.80	3	10	130	2.2	10	0.05	0.3	33
02-DU-1074	19	425256	7575167	0.1	7.76	3	10	150	2.2	7	0.06	0.3	33
02-DU-1075	19	416672	7573984	0.1	5.58	5	10	180	2.1	1	0.13	0.6	36
02-DU-1076	19	419463	7582344	0.1	5.46	1	20	160	1.9	1	0.08	0.5	26
02-DU-1077	19	429055	7582064	0.1	5.43	1	10	170	0.8	4	0.13	0.6	29
02-DU-1078	19	426404	7587215	0.1	5.58	2	20	150	1.2	3	0.09	0.3	22
02-DU-1079	19	419714	7587811	0.1	5.61	3	20	180	2.2	6	0.13	0.9	25
02-DU-1081	19	454841	7601316	0.1	5.81	1	10	170	1.5	5	0.07	0.3	27
02-DU-1082	19	462196	7606087	0.1	6.40	6	5	300	0.8	6	0.09	0.6	24
02-DU-1083	19	449593	7607668	0.1	5.11	3	10	190	1.1	1	0.16	0.3	27
02-DU-1084	19	444663	7612452	0.1	5.31	12	10	210	2.0	4	0.10	0.5	22
02-DU-1085	19	457147	7614903	0.1	5.53	56	10	260	1.0	6	0.05	0.3	20
02-DU-1086	19	452807	7617532	0.1	6.04	20	10	200	2.4	5	0.04	1.1	26
02-DU-1087	19	459572	7628153	0.1	6.60	64	10	380	0.6	2	0.04	0.8	29
02-DU-1088	19	442365	7621609	0.1	5.58	102	10	310	1.1	8	0.09	1.0	24
02-DU-1089	19	452121	7632328	0.1	6.25	58	20	270	1.6	6	0.05	0.5	29
02-DU-1090	19	447699	7631299	0.1	5.89	83	10	500	0.6	5	0.10	0.9	30
02-DU-1091	19	448269	7650534	0.1	6.99	76	5	310	0.7	4	0.06	0.8	47
02-DU-1092	19	458895	7648151	0.1	6.07	94	5	280	0.9	9	0.05	0.7	32
02-DU-1093	19	457369	7645781	0.1	6.74	68	5	350	0.5	4	0.05	1.1	36
02-DU-1094	19	453749	7638593	0.1	6.37	57	20	290	0.9	7	0.10	1.1	35
02-DU-1095	19	458734	7638755	0.1	5.77	69	10	260	0.9	4	0.10	1.1	37
02-DU-1096	19	429227	7689577	0.1	6.23	266	10	280	1.4	7	0.04	0.7	25
02-DU-1098	19	436048	7667811	0.1	6.65	183	10	250	1.6	11	0.09	0.8	42
02-DU-1099	19	443319	7670594	0.1	4.50	42	10	140	1.6	5	0.10	0.3	29
02-DU-1100	19	447459	7665060	0.1	4.70	25	10	190	0.8	1	0.21	0.3	29
02-DU-1101	19	441507	7658345	0.1	6.54	158	10	180	1.4	6	0.12	0.3	31
02-DU-1102	19	390605	7698602	0.2	7.41	78	5	180	3.5	5	0.05	0.3	17
02-DU-1103	19	386357	7703454	0.1	6.55	76	5	160	1.8	7	0.06	0.6	14
02-DU-1104	19	385402	7709626	0.1	5.27	54	10	200	0.5	1	0.13	0.3	21
02-DU-1106	19	394587	7710682	0.1	4.74	4	5	540	1.0	2	0.32	0.3	25
02-DU-1108	19	407424	7712021	0.1	5.94	46	5	340	0.6	2	0.10	1.0	25

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1056	99	32	4.83	30	0.5	0.26	70	0.55	280	3	2.19	60	15000
02-DU-1057	65	60	5.11	30	0.5	0.33	30	0.78	371	5	0.93	49	15000
02-DU-1058	72	32	5.09	30	0.5	0.42	50	0.81	172	2	1.16	50	15000
02-DU-1059	92	108	11.85	40	0.5	0.41	20	0.71	974	23	0.97	100	15000
02-DU-1060	92	45	8.01	30	0.5	0.80	130	1.54	602	2	1.06	45	15000
02-DU-1061	159	91	10.60	30	0.5	1.35	30	2.10	716	1	0.44	71	5200
02-DU-1062	95	48	6.43	30	0.5	0.91	80	1.14	510	2	1.08	55	15000
02-DU-1063	128	55	8.56	30	0.5	1.35	40	1.87	544	1	0.62	58	5360
02-DU-1064	157	90	10.70	40	0.5	2.41	60	2.43	667	4	0.52	70	3920
02-DU-1065	119	73	8.17	30	0.5	1.02	50	1.71	524	3	0.71	58	5860
02-DU-1066	102	51	7.66	30	0.5	0.80	40	1.47	385	2	0.39	48	3720
02-DU-1067	129	63	8.97	30	0.5	1.28	60	1.96	703	2	0.57	55	4920
02-DU-1068	122	56	8.67	30	0.5	1.31	40	1.75	329	1	0.57	49	4560
02-DU-1069	120	190	8.59	20	0.5	1.23	30	1.76	332	12	0.68	81	4990
02-DU-1069G	100	578	14.60	30	0.5	0.61	20	1.29	186	30	1.16	68	8430
02-DU-1070	174	173	10.25	30	0.5	1.75	30	2.37	539	8	0.50	100	3790
02-DU-1071	118	79	8.00	30	0.5	0.75	40	1.38	510	6	0.93	68	15000
02-DU-1073	137	108	8.20	20	0.5	1.23	20	1.72	440	7	0.52	83	3440
02-DU-1074	168	144	9.27	30	0.5	1.44	30	1.97	556	11	0.41	103	3850
02-DU-1075	147	99	8.19	30	0.5	1.60	40	2.14	737	3	0.65	91	6100
02-DU-1076	150	118	8.28	20	0.5	1.88	20	2.15	540	5	0.33	96	2280
02-DU-1077	173	98	8.50	20	0.5	2.10	20	2.44	628	2	0.37	93	2240
02-DU-1078	146	91	8.07	30	0.5	2.00	50	2.19	530	0.5	0.45	79	2380
02-DU-1079	133	116	8.82	20	0.5	2.28	20	2.26	655	2	0.37	88	2290
02-DU-1081	150	121	8.42	30	0.5	2.13	20	2.22	613	2	0.62	88	5420
02-DU-1082	187	184	10.50	30	0.5	2.97	20	3.03	819	7	0.40	73	3650
02-DU-1083	124	86	7.39	20	0.5	1.98	40	2.16	840	0.5	0.49	81	4580
02-DU-1084	126	115	8.12	20	0.5	2.02	40	2.02	788	3	0.44	85	3900
02-DU-1085	176	164	9.94	20	0.5	2.47	40	2.56	740	7	0.42	64	4130
02-DU-1086	219	143	10.95	30	0.5	2.17	30	3.09	746	6	0.40	102	3830
02-DU-1087	196	205	10.50	20	0.5	3.55	10	3.06	809	5	0.39	110	4100
02-DU-1088	199	223	11.30	20	0.5	2.26	30	2.42	645	7	0.47	77	5090
02-DU-1089	205	185	9.97	20	0.5	2.95	20	2.94	746	3	0.43	97	3720
02-DU-1090	179	314	11.65	20	0.5	3.10	50	2.63	743	12	0.42	100	3630
02-DU-1091	211	211	10.60	20	0.5	3.48	30	3.25	884	1	0.52	173	4440
02-DU-1092	162	228	8.71	20	0.5	2.42	30	2.43	657	2	0.64	115	6640
02-DU-1093	195	252	10.15	20	0.5	3.38	30	3.15	750	3	0.38	134	3170
02-DU-1094	201	207	9.97	20	0.5	3.30	20	3.20	812	3	0.40	137	2590
02-DU-1095	171	222	9.88	20	0.5	2.56	60	2.61	748	4	0.48	144	3820
02-DU-1096	172	260	10.75	20	0.5	2.32	50	2.54	571	6	0.54	94	5670
02-DU-1098	178	267	10.00	20	0.5	2.17	70	2.66	603	7	0.51	154	4520
02-DU-1099	115	96	7.08	20	0.5	1.68	40	1.86	617	2	0.60	88	4960
02-DU-1100	133	102	6.30	20	0.5	1.67	40	1.63	627	3	1.42	87	15000
02-DU-1101	162	208	7.80	20	0.5	1.31	40	1.94	469	2	0.72	124	6540
02-DU-1102	98	76	6.47	20	0.5	0.94	40	1.09	393	4	0.54	61	6540
02-DU-1103	91	144	10.40	20	0.5	0.90	50	1.30	397	12	0.51	44	4350
02-DU-1104	115	99	9.43	20	0.5	1.95	80	2.09	755	8	0.60	67	5460
02-DU-1106	95	91	8.08	20	0.5	1.88	40	1.62	1090	1	0.38	64	3770
02-DU-1108	137	145	11.45	20	0.5	2.40	50	2.14	707	15	0.54	72	4310

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1056	31	0.02	2	10	23	0.14	5	5	79	5	93	0.05
02-DU-1057	36	0.05	4	11	8	0.17	5	30	103	5	119	0.12
02-DU-1058	25	0.04	5	6	6	0.21	5	5	102	5	135	0.04
02-DU-1059	28	0.04	5	17	34	0.17	5	10	154	5	184	0.10
02-DU-1060	40	0.01	6	17	23	0.35	5	5	154	10	232	0.05
02-DU-1061	33	0.01	6	17	26	0.47	5	10	235	5	222	0.03
02-DU-1062	38	0.04	6	11	16	0.33	5	5	129	5	172	0.11
02-DU-1063	42	0.02	9	18	15	0.56	5	10	174	10	234	0.05
02-DU-1064	38	0.02	10	24	22	0.77	10	10	226	10	282	0.03
02-DU-1065	38	0.01	5	14	13	0.44	10	10	169	5	215	0.03
02-DU-1066	32	0.01	5	13	22	0.40	5	5	161	5	205	0.03
02-DU-1067	32	0.01	10	18	19	0.49	10	10	197	10	205	0.03
02-DU-1068	35	0.02	8	16	19	0.56	5	10	188	5	231	0.03
02-DU-1069	49	0.04	6	12	5	0.29	5	10	152	10	192	0.03
02-DU-1069G	275	0.36	6	14	125	0.15	5	10	171	10	168	0.03
02-DU-1070	42	0.03	8	20	4	0.50	5	10	179	10	243	0.02
02-DU-1071	50	0.06	7	12	4	0.42	5	5	157	10	180	0.10
02-DU-1073	36	0.05	8	14	2	0.38	5	10	147	10	186	0.05
02-DU-1074	41	0.03	8	17	4	0.48	5	10	184	10	211	0.05
02-DU-1075	45	0.02	7	17	8	0.44	10	10	159	10	225	0.02
02-DU-1076	27	0.01	6	18	3	0.47	5	10	156	5	250	0.01
02-DU-1077	31	0.01	8	18	4	0.54	5	10	164	10	216	0.01
02-DU-1078	22	0.06	8	20	2	0.51	10	10	146	10	227	0.02
02-DU-1079	28	0.02	7	20	2	0.50	5	10	159	10	273	0.01
02-DU-1081	33	0.05	7	18	2	0.48	10	10	151	5	226	0.03
02-DU-1082	49	0.05	9	25	3	0.63	10	10	203	10	236	0.01
02-DU-1083	25	0.01	5	16	5	0.45	10	10	130	5	225	0.01
02-DU-1084	48	0.01	4	15	5	0.41	5	30	127	10	223	0.01
02-DU-1085	51	0.23	6	17	23	0.48	5	20	158	10	226	0.01
02-DU-1086	66	0.04	9	17	4	0.43	10	20	176	10	235	0.01
02-DU-1087	25	0.03	8	20	1	0.54	5	10	174	10	231	0.01
02-DU-1088	47	0.09	6	15	6	0.43	5	20	150	10	183	0.01
02-DU-1089	33	0.01	4	20	1	0.50	5	20	174	10	208	0.01
02-DU-1090	76	0.57	7	19	33	0.48	5	10	159	10	289	0.02
02-DU-1091	25	0.05	10	19	7	0.46	5	10	176	10	230	0.01
02-DU-1092	38	0.06	6	14	1	0.35	5	20	133	10	168	0.04
02-DU-1093	28	0.03	8	18	6	0.51	5	10	163	10	226	0.01
02-DU-1094	28	0.01	8	19	2	0.52	5	10	170	10	225	0.01
02-DU-1095	38	0.10	5	16	15	0.45	5	10	149	10	209	0.01
02-DU-1096	52	0.10	6	14	25	0.39	5	20	140	10	193	0.03
02-DU-1098	45	0.03	6	15	31	0.39	5	10	147	10	206	0.03
02-DU-1099	42	0.03	3	10	14	0.31	5	40	96	10	148	0.02
02-DU-1100	37	0.03	6	12	13	0.30	5	40	106	10	156	0.02
02-DU-1101	34	0.08	3	12	10	0.27	5	10	133	10	146	0.15
02-DU-1102	46	0.26	4	9	22	0.25	10	50	93	10	167	0.14
02-DU-1103	59	0.08	6	12	14	0.35	5	20	130	10	153	0.09
02-DU-1104	44	0.03	7	13	23	0.46	5	30	123	10	204	0.03
02-DU-1106	54	0.04	4	10	1	0.37	5	5	78	10	138	0.04
02-DU-1108	40	0.41	6	16	21	0.52	5	20	155	10	215	0.02

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1110	19	408889	7706304	0.1	3.58	14	5	80	5.5	1	0.04	0.3	151
02-DU-1111	19	407341	7705328	0.1	6.50	58	5	210	1.1	9	0.10	0.8	12
02-DU-1112	19	400398	7705681	0.1	6.30	50	5	360	2.6	5	0.04	1.1	19
02-DU-1113	19	383881	7662300	0.1	7.43	197	5	230	3.1	3	0.05	0.3	60
02-DU-1115	19	382277	7672915	0.1	6.37	256	10	320	2.8	1	0.08	0.9	41
02-DU-1116	18	618509	7685050	0.1	7.27	135	5	180	2.1	5	0.05	0.3	17
02-DU-1117	19	397162	7683226	0.1	6.01	445	20	310	2.5	7	0.07	0.8	44
02-DU-1118	19	395767	7678815	0.1	6.60	246	10	340	3.2	1	0.08	0.8	52
02-DU-1122	19	396328	7662912	0.1	7.14	160	10	260	2.9	4	0.07	0.3	28
02-DU-1124	19	397163	7693498	0.1	6.63	41	5	260	2.5	1	0.12	0.3	28
02-DU-1125	19	393630	7691121	0.1	7.46	163	5	210	2.8	1	0.09	0.7	20
02-DU-1126	19	399862	7689233	0.1	6.61	72	5	300	2.9	1	0.12	0.5	31
02-DU-1127	19	416851	7683304	0.2	5.72	314	10	300	2.4	2	0.05	0.3	24
02-DU-1128	19	406792	7675835	0.5	4.74	137	10	260	2.2	1	0.06	0.3	23
02-DU-1129	19	401825	7675682	0.1	7.10	316	10	300	2.8	6	0.05	0.3	29
02-DU-1130	19	403254	7667606	0.1	7.86	156	10	210	2.7	5	0.05	0.3	24
02-DU-1131	19	408429	7660310	0.1	6.34	214	10	310	3.1	6	0.05	0.5	32
02-DU-1132	19	410173	7667136	0.1	6.59	79	5	290	2.8	1	0.14	0.6	39
02-DU-1134	19	418074	7664434	0.1	6.77	274	10	290	3.6	2	0.07	0.5	60
02-DU-1136	19	423779	7669902	0.1	6.27	255	10	260	3.6	2	0.06	0.7	35
02-DU-1137	19	423513	7662015	0.1	6.83	191	10	290	2.8	3	0.08	0.3	39
02-DU-1138	19	429083	7658504	0.3	7.17	84	10	170	2.8	1	0.05	0.3	25
02-DU-1139	18	614692	7717435	0.9	4.37	92	5	310	1.4	2	0.05	1.1	15
02-DU-1140	19	388599	7714305	0.2	5.26	53	10	230	1.9	3	0.10	0.8	21
02-DU-1141	19	389011	7717249	0.1	5.25	53	10	220	1.7	1	0.08	0.8	21
02-DU-1142	19	402732	7716960	0.1	4.65	14	5	230	1.7	1	0.15	0.3	19
02-DU-1143G	19	407821	7717856	1.1	3.20	6	5	110	0.3	3	0.01	2.2	5
02-DU-1144	19	412296	7719159	0.1	7.27	5	5	160	1.7	1	0.12	0.3	20
02-DU-1145	19	419089	7717104	0.1	7.36	10	10	160	2.3	1	0.08	0.3	25
02-DU-1146	19	429346	7716939	0.1	4.23	11	10	150	1.0	3	0.01	0.7	9
02-DU-1147	19	429069	7719707	0.1	5.84	7	10	230	3.0	1	0.08	0.3	31
02-DU-1150	19	422604	7724559	0.1	5.80	1	5	130	1.9	1	0.09	0.3	32
02-DU-1151	19	418022	7727383	0.1	5.91	53	5	360	1.7	8	0.04	1.0	17
02-DU-1152	19	420654	7728955	0.1	7.66	1	10	190	2.4	1	0.09	0.8	32
02-DU-1154	19	410723	7724184	0.1	5.11	25	10	260	1.6	3	0.06	1.0	20
02-DU-1156	19	396587	7723300	0.1	5.74	104	5	190	1.7	1	0.03	1.4	23
02-DU-1158	19	392580	7730010	0.1	4.64	5	5	110	1.4	1	0.33	0.3	29
02-DU-1159	19	387476	7729666	0.1	4.14	5	10	100	1.2	1	0.31	0.3	21
02-DU-1160	19	430926	7752093	0.1	4.52	1	10	160	2.0	1	0.31	0.6	27
02-DU-1161	19	431396	7757277	0.1	6.77	1	5	180	2.2	1	0.15	0.3	28
02-DU-1162	19	431606	7764318	0.1	6.38	2	5	100	1.9	1	0.08	0.3	18
02-DU-1163	19	428349	7761560	0.1	4.54	1	5	250	1.4	1	0.43	0.5	25
02-DU-1164	19	424080	7759743	0.1	5.51	3	5	300	1.4	1	0.35	0.6	30
02-DU-1165	19	421552	7755513	0.1	4.94	1	5	210	1.5	1	0.32	0.5	30
02-DU-1166	19	420766	7759073	0.1	7.18	1	5	110	2.7	1	0.14	0.3	21
02-DU-1168	19	415592	7757279	0.1	4.97	2	10	110	2.1	1	0.19	0.3	18
02-DU-1169	19	412691	7758866	0.1	5.09	1	5	140	1.3	1	0.23	0.6	26
02-DU-1170	19	408522	7761020	0.1	6.77	1	5	80	2.9	1	0.15	0.3	23
02-DU-1171	19	407365	7765731	0.1	5.91	1	5	360	1.6	2	0.37	0.6	29

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1110	77	173	6.63	10	0.5	0.54	20	0.74	4770	3	0.60	68	6890
02-DU-1111	125	153	12.15	20	0.5	1.25	30	1.38	312	14	1.25	48	15000
02-DU-1112	169	141	10.60	30	0.5	2.45	60	2.66	576	10	0.61	65	6070
02-DU-1113	146	244	8.63	30	0.5	1.19	150	2.06	780	6	0.59	128	6280
02-DU-1115	150	316	10.85	30	0.5	1.52	130	2.04	588	12	0.66	128	8040
02-DU-1116	129	105	6.12	20	0.5	0.82	50	1.36	287	3	0.69	63	6820
02-DU-1117	164	283	10.15	30	1	2.10	100	2.53	766	7	0.67	112	6500
02-DU-1118	162	343	11.30	30	0.5	2.14	130	2.51	686	11	0.49	161	5090
02-DU-1122	152	212	9.13	20	0.5	1.38	100	1.95	473	8	0.54	100	6140
02-DU-1124	151	94	9.55	30	0.5	1.86	60	2.07	733	4	0.51	72	4640
02-DU-1125	131	135	9.96	30	0.5	1.07	80	1.35	424	7	0.69	98	8660
02-DU-1126	168	156	10.20	30	0.5	2.11	60	2.37	627	5	0.46	104	4680
02-DU-1127	165	312	10.30	20	0.5	1.90	90	2.19	476	10	1.09	93	15000
02-DU-1128	129	276	8.29	20	0.5	1.39	70	1.66	450	8	1.26	76	15000
02-DU-1129	168	340	9.25	20	0.5	1.62	110	2.11	439	9	0.66	122	7080
02-DU-1130	150	187	8.01	20	0.5	1.17	70	1.78	408	5	0.59	85	5580
02-DU-1131	165	325	10.25	30	0.5	2.00	80	2.38	517	10	0.82	121	15000
02-DU-1132	196	142	8.88	30	0.5	1.79	80	2.28	814	4	0.59	117	6180
02-DU-1134	173	368	10.50	30	0.5	1.85	110	2.55	832	10	0.46	145	4510
02-DU-1136	154	289	10.45	30	0.5	1.61	130	2.35	520	11	0.53	115	5150
02-DU-1137	182	255	9.88	30	0.5	2.30	70	2.69	671	6	0.50	128	4630
02-DU-1138	137	150	6.66	20	0.5	0.96	50	1.56	338	3	0.96	88	9110
02-DU-1139	94	151	12.25	30	1	1.71	60	1.65	467	25	0.49	34	5240
02-DU-1140	109	110	9.68	30	0.5	1.84	60	1.94	765	12	0.47	59	3800
02-DU-1141	110	120	10.10	30	1	1.70	70	1.92	635	14	0.49	47	4400
02-DU-1142	86	93	8.53	20	0.5	1.70	80	1.77	655	10	0.65	48	6140
02-DU-1143G	79	122	20.00	30	0.5	1.71	20	0.70	355	16	0.62	10	6330
02-DU-1144	81	72	8.10	40	0.5	1.41	40	1.55	983	4	0.83	44	8450
02-DU-1145	66	113	9.08	40	0.5	1.14	160	1.25	854	9	0.97	48	15000
02-DU-1146	105	195	13.55	30	0.5	1.51	50	1.39	472	18	0.46	26	4650
02-DU-1147	120	115	10.45	40	0.5	2.56	140	2.14	1260	10	0.73	73	7200
02-DU-1150	99	127	9.31	30	0.5	1.50	80	1.64	832	9	0.54	69	4620
02-DU-1151	151	268	13.10	30	0.5	2.00	70	2.03	618	26	0.52	50	7070
02-DU-1152	84	163	11.20	40	0.5	1.80	70	1.89	866	35	0.68	75	7800
02-DU-1154	96	188	12.40	30	0.5	1.60	80	1.87	767	18	0.47	40	6040
02-DU-1156	147	152	12.75	30	0.5	1.58	40	1.71	424	17	0.72	67	6160
02-DU-1158	164	68	8.00	30	0.5	1.30	130	2.54	876	6	0.73	83	5690
02-DU-1159	119	45	6.46	30	0.5	0.89	140	1.76	778	4	3.13	65	15000
02-DU-1160	187	57	6.57	40	0.5	0.86	170	2.03	1545	6	2.18	105	15000
02-DU-1161	66	61	8.37	50	0.5	1.79	190	3.03	1520	7	1.01	45	9870
02-DU-1162	59	39	7.90	40	0.5	0.93	290	1.50	688	3	1.06	31	15000
02-DU-1163	58	84	7.13	40	0.5	1.92	240	3.11	1215	1	1.54	42	15000
02-DU-1164	130	98	8.68	40	0.5	2.97	150	3.68	1170	2	0.62	82	2570
02-DU-1165	139	91	8.62	40	0.5	2.58	210	3.27	1005	3	0.80	86	5390
02-DU-1166	39	62	6.38	40	0.5	0.91	310	1.76	914	6	1.05	29	15000
02-DU-1168	93	44	5.39	30	0.5	0.81	290	1.44	839	5	2.98	51	15000
02-DU-1169	85	40	8.44	40	0.5	2.00	170	2.76	984	4	0.58	50	3680
02-DU-1170	83	61	7.62	50	0.5	0.98	210	2.69	1235	3	0.58	42	4710
02-DU-1171	77	101	8.97	50	0.5	2.45	240	3.64	1310	3	0.75	53	3240

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1110	27	0.01	2	4	21	0.08	5	20	42	5	97	0.01
02-DU-1111	54	0.47	4	9	49	0.30	5	10	131	10	130	0.03
02-DU-1112	45	0.41	7	18	36	0.53	10	5	162	10	218	0.03
02-DU-1113	66	0.05	3	12	57	0.29	10	10	128	10	170	0.07
02-DU-1115	62	0.18	3	12	115	0.30	10	5	138	10	166	0.03
02-DU-1116	41	0.09	5	9	24	0.29	10	5	100	5	111	0.27
02-DU-1117	58	0.10	2	13	82	0.36	10	5	133	10	171	0.02
02-DU-1118	66	0.25	5	14	99	0.37	10	5	137	10	177	0.02
02-DU-1122	43	0.04	5	13	52	0.38	10	5	138	10	152	0.07
02-DU-1124	44	0.02	9	17	26	0.53	10	5	172	10	181	0.04
02-DU-1125	80	0.04	7	9	66	0.38	10	10	125	10	140	0.10
02-DU-1126	44	0.07	7	16	31	0.51	10	5	166	10	191	0.04
02-DU-1127	43	0.12	5	13	48	0.34	10	10	128	10	138	0.08
02-DU-1128	38	0.23	4	7	34	0.19	10	10	105	10	110	0.14
02-DU-1129	48	0.11	7	13	61	0.36	10	10	132	10	150	0.07
02-DU-1130	42	0.04	3	12	32	0.37	10	5	132	10	131	0.17
02-DU-1131	47	0.06	4	14	47	0.36	10	10	133	10	158	0.03
02-DU-1132	37	0.05	7	15	33	0.48	10	5	154	5	176	0.07
02-DU-1134	58	0.05	8	15	62	0.41	10	10	138	10	180	0.04
02-DU-1136	77	0.08	5	13	58	0.34	10	5	128	10	167	0.03
02-DU-1137	37	0.03	6	16	28	0.45	10	5	150	10	187	0.02
02-DU-1138	38	0.07	5	10	18	0.31	10	5	121	5	119	0.22
02-DU-1139	59	0.32	10	10	41	0.39	10	5	146	10	201	0.16
02-DU-1140	48	0.04	7	12	30	0.45	10	20	127	10	223	0.06
02-DU-1141	50	0.05	8	12	31	0.44	10	20	131	10	204	0.07
02-DU-1142	39	0.09	6	13	18	0.45	10	10	119	10	187	0.03
02-DU-1143G	25	2.20	2	14	21	0.29	5	5	123	20	119	0.03
02-DU-1144	32	0.09	7	14	17	0.52	5	10	128	5	200	0.05
02-DU-1145	80	0.18	5	13	14	0.48	20	40	142	10	168	0.12
02-DU-1146	59	0.44	4	16	12	0.42	10	10	155	10	145	0.03
02-DU-1147	74	0.12	7	21	30	0.62	10	40	170	10	242	0.03
02-DU-1150	59	0.07	5	14	20	0.51	10	50	134	5	186	0.07
02-DU-1151	56	0.39	8	19	42	0.53	10	30	198	10	191	0.04
02-DU-1152	57	0.33	7	17	22	0.59	10	30	221	10	188	0.08
02-DU-1154	116	0.31	4	16	39	0.43	10	20	137	10	204	0.05
02-DU-1156	45	0.09	7	17	17	0.46	10	5	202	10	165	0.12
02-DU-1158	44	0.02	4	11	19	0.55	20	10	128	10	183	0.04
02-DU-1159	42	0.03	4	8	19	0.16	20	10	102	5	148	0.06
02-DU-1160	52	0.05	3	11	17	0.31	30	10	115	5	133	0.07
02-DU-1161	36	0.06	9	20	25	0.54	30	30	150	10	174	0.07
02-DU-1162	48	0.12	5	9	15	0.39	30	5	139	5	124	0.09
02-DU-1163	44	0.03	5	14	16	0.41	30	5	112	10	175	0.04
02-DU-1164	42	0.01	6	17	19	0.71	20	5	145	10	288	0.02
02-DU-1165	47	0.02	6	15	20	0.62	20	5	157	10	233	0.03
02-DU-1166	53	0.05	3	12	15	0.48	60	20	82	5	194	0.12
02-DU-1168	58	0.05	3	9	17	0.28	50	30	86	5	116	0.16
02-DU-1169	45	0.02	6	14	19	0.64	20	5	138	5	208	0.03
02-DU-1170	51	0.05	8	15	14	0.51	30	20	124	5	177	0.07
02-DU-1171	56	0.03	8	19	18	0.71	30	5	145	5	214	0.05

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1174	19	397995	7761459	0.1	5.02	1	5	150	1.4	1	0.32	0.7	29
02-DU-1175	19	387546	7763078	0.1	7.09	1	5	140	2.1	2	0.08	0.3	15
02-DU-1177	19	386018	7758414	0.1	6.59	2	5	70	1.7	2	0.18	0.3	20
02-DU-1179	19	395838	7757292	0.1	5.49	1	5	140	1.4	1	0.19	0.3	22
02-DU-1181	19	407354	7696568	0.4	5.20	172	5	130	2.1	1	0.10	0.3	21
02-DU-1182	19	415651	7693561	0.1	5.75	187	5	390	3.2	1	0.07	1.8	25
02-DU-1183	19	419116	7697385	0.7	6.07	122	5	320	2.0	2	0.05	0.6	25
02-DU-1185	19	427408	7705930	0.1	5.08	253	5	340	1.6	2	0.03	1.9	12
02-DU-1186	19	428165	7707172	0.1	5.81	103	5	330	3.2	2	0.08	0.9	42
02-DU-1188	19	432156	7707783	0.4	3.70	197	5	220	0.8	4	0.01	3.4	9
02-DU-1189	19	436024	7704240	0.5	6.74	385	5	410	1.3	1	0.05	0.7	15
02-DU-1190	19	435174	7706836	0.1	6.34	139	5	520	1.4	1	0.12	0.9	22
02-DU-1191	19	436487	7706273	0.1	5.68	318	5	440	1.4	2	0.09	0.7	27
02-DU-1192	19	437120	7717876	0.1	5.50	48	5	290	1.6	2	0.04	1.2	15
02-DU-1193	19	434786	7716900	0.1	4.75	18	5	300	1.4	6	0.02	1.0	11
02-DU-1194	19	432641	7715852	0.5	5.40	17	5	250	1.4	7	0.01	1.3	12
02-DU-1196	19	427221	7713985	0.1	4.51	14	5	220	1.2	4	0.03	0.7	12
02-DU-1197	19	422267	7708343	0.1	5.73	98	10	320	2.5	7	0.03	1.3	13
02-DU-1198	19	416783	7711103	0.1	5.80	8	5	150	2.3	2	0.13	1.1	28
02-DU-1199	19	415673	7714933	0.1	6.21	9	5	190	2.5	1	0.06	0.9	28
02-DU-1200	19	414041	7706160	0.1	4.79	26	5	260	4.3	1	0.04	0.3	21
02-DU-1201	19	417677	7703136	0.1	5.85	58	5	310	2.9	6	0.08	1.0	33
02-DU-1202	19	415378	7699964	0.2	6.92	30	5	170	2.0	1	0.05	0.3	27
02-DU-1220	19	427639	7735163	0.1	5.15	1	5	190	1.4	5	0.26	0.3	28
02-DU-1221	19	428066	7734080	0.1	4.88	1	5	210	1.4	1	0.27	0.9	33
02-DU-1223	19	435990	7737817	0.1	4.79	1	5	220	1.2	1	0.30	0.7	31
02-DU-1224	19	435038	7734611	0.1	5.49	6	5	140	2.0	1	0.19	0.3	30
02-DU-1225	19	440215	7732246	0.1	4.96	5	5	160	1.5	1	0.28	0.8	29
02-DU-1227G	19	445257	7751807	0.1	4.32	1	20	170	1.3	3	0.55	0.3	22
02-DU-1229	19	446978	7753119	0.1	2.98	16	5	150	1.1	1	0.47	0.3	20
02-DU-1230	19	447302	7756583	0.1	6.41	2	5	160	2.2	1	0.25	0.3	29
02-DU-1231	19	457195	7765312	0.1	3.19	5	5	190	1.3	1	0.54	0.3	24
02-DU-1234	19	441256	7754481	0.1	5.42	1	5	190	2.1	1	0.30	0.6	29
02-DU-1235	19	436920	7753921	0.1	7.15	8	5	140	2.7	1	0.20	0.3	24
02-DU-1236	19	434158	7750799	0.1	5.28	1	10	300	2.1	1	0.41	0.6	29
02-DU-1237	19	437757	7728213	0.1	3.99	2	5	120	1.4	1	0.15	0.6	27
02-DU-1238	19	441097	7725692	0.1	5.56	15	10	140	1.9	1	0.05	0.3	20
02-DU-1239	19	446847	7727781	0.1	5.98	6	5	130	1.5	1	0.07	0.3	18
02-DU-1240	19	450911	7727490	0.1	3.60	4	5	120	1.2	1	0.26	0.6	24
02-DU-1241	19	453648	7730864	0.1	6.56	8	5	140	2.2	1	0.15	0.3	24
02-DU-1243	19	450344	7735811	0.1	6.86	4	5	100	3.3	1	0.18	0.3	21
02-DU-1244	19	447003	7736036	0.1	3.25	6	5	160	1.2	1	0.35	0.3	20
02-DU-1245	19	460614	7731919	0.1	3.54	8	5	160	1.7	1	0.24	0.3	27
02-DU-1247	19	467162	7733433	0.1	5.51	28	5	140	2.2	1	0.12	0.3	28
02-DU-1249	19	460175	7726710	0.1	5.40	10	5	200	2.2	1	0.14	0.3	26
02-DU-1250	19	460180	7724308	0.1	5.20	23	10	240	1.6	2	0.20	0.3	24
02-DU-1251	19	458002	7724117	0.1	5.21	30	10	270	0.3	1	0.20	0.3	27
02-DU-1252	19	454222	7723561	0.1	5.16	15	5	280	0.3	1	0.06	0.7	17
02-DU-1253	19	452281	7720931	0.1	5.52	26	5	170	0.6	1	0.05	0.3	25

Appendix II – Till geochemistry, <0.002 mm, ICP–AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1174	161	89	8.40	40	0.5	2.57	230	3.86	1000	2	1.04	88	7680
02-DU-1175	38	44	6.63	40	0.5	1.00	150	1.64	860	3	1.33	23	15000
02-DU-1177	92	73	6.09	40	0.5	0.67	170	1.67	798	2	0.95	46	9480
02-DU-1179	93	51	7.17	30	0.5	1.30	170	2.07	877	4	1.61	55	15000
02-DU-1181	108	188	6.13	20	0.5	0.54	50	0.81	433	4	1.94	61	15000
02-DU-1182	177	382	14.80	30	0.5	2.54	140	2.75	574	14	0.62	78	7480
02-DU-1183	146	307	9.74	20	1	1.70	70	1.80	439	9	1.17	99	15000
02-DU-1185	137	206	20.00	20	0.5	2.06	80	1.93	405	19	0.53	41	7440
02-DU-1186	143	155	11.15	30	0.5	1.86	90	1.96	819	10	0.53	87	6130
02-DU-1188	134	249	20.00	20	2	1.33	40	1.65	333	30	0.54	22	9660
02-DU-1189	147	267	12.25	20	0.5	2.14	70	2.03	478	10	0.50	53	9290
02-DU-1190	189	262	12.20	30	0.5	3.72	60	2.81	691	7	0.45	75	3930
02-DU-1191	159	269	11.70	20	0.5	2.68	90	2.28	634	9	0.73	73	8880
02-DU-1192	171	191	13.60	30	1	3.10	90	2.44	585	13	0.57	55	6570
02-DU-1193	142	176	12.75	30	0.5	2.12	70	1.91	563	20	0.51	33	6750
02-DU-1194	175	194	13.70	30	0.5	2.13	40	2.19	578	25	0.54	48	6770
02-DU-1196	97	156	12.05	30	0.5	1.83	90	1.85	586	23	0.55	28	6390
02-DU-1197	115	198	12.50	20	0.5	1.45	80	1.71	447	21	0.90	47	15000
02-DU-1198	84	101	10.45	40	0.5	2.05	140	1.87	898	6	1.77	69	15000
02-DU-1199	84	111	11.80	40	0.5	1.61	130	1.82	1065	12	0.58	51	5750
02-DU-1200	75	82	7.06	30	0.5	1.17	70	1.17	627	3	0.74	61	7920
02-DU-1201	142	187	10.95	30	0.5	1.79	70	2.20	579	10	0.45	96	4640
02-DU-1202	106	143	8.30	20	0.5	0.80	60	1.19	316	9	1.66	111	15000
02-DU-1220	96	150	8.81	40	0.5	2.05	80	2.58	1055	9	0.63	62	4530
02-DU-1221	102	140	8.92	30	0.5	2.12	100	2.72	1095	7	0.76	75	6310
02-DU-1223	115	114	7.99	40	0.5	2.29	140	3.11	1115	5	1.63	73	15000
02-DU-1224	93	114	7.07	40	0.5	1.07	240	1.77	1095	6	0.89	63	8110
02-DU-1225	120	93	8.81	40	0.5	1.94	220	2.15	1130	9	1.85	69	15000
02-DU-1227G	90	58	7.05	30	1	2.16	90	2.72	868	3	0.61	53	2540
02-DU-1229	63	85	5.12	20	0.5	0.93	230	1.48	679	3	2.29	41	15000
02-DU-1230	37	94	7.35	50	0.5	1.19	340	2.33	1460	3	1.01	30	15000
02-DU-1231	38	128	4.96	30	0.5	1.45	330	1.93	906	1	0.91	33	4990
02-DU-1234	80	61	8.72	40	0.5	1.21	230	2.61	1300	5	1.59	48	15000
02-DU-1235	65	66	6.64	50	0.5	0.87	360	2.24	1410	3	0.94	41	15000
02-DU-1236	66	86	7.51	40	0.5	2.26	210	3.75	1105	2	1.00	48	5790
02-DU-1237	251	81	6.03	30	0.5	0.99	160	1.10	884	12	4.80	138	15000
02-DU-1238	131	144	9.81	30	0.5	1.16	90	1.44	691	31	1.03	63	15000
02-DU-1239	95	71	7.07	30	0.5	1.24	70	1.38	720	11	2.48	55	15000
02-DU-1240	142	58	6.81	30	0.5	1.56	160	1.80	866	6	2.46	77	15000
02-DU-1241	72	74	7.19	50	0.5	1.27	250	2.15	1155	7	0.80	47	8540
02-DU-1243	41	100	6.39	50	0.5	0.88	290	1.74	1260	6	0.97	28	15000
02-DU-1244	63	53	6.63	30	0.5	1.17	240	1.45	808	4	3.56	37	15000
02-DU-1245	123	124	6.10	30	0.5	1.01	180	1.32	809	9	4.49	76	15000
02-DU-1247	80	125	7.70	40	0.5	1.01	270	1.63	1130	11	0.90	53	8640
02-DU-1249	98	142	8.56	30	0.5	1.62	120	1.94	871	25	0.83	65	8440
02-DU-1250	136	105	8.29	30	0.5	2.40	70	2.30	751	7	0.45	67	2460
02-DU-1251	148	117	8.43	20	0.5	2.52	40	2.51	819	5	0.37	91	2130
02-DU-1252	163	209	11.75	30	0.5	2.08	100	2.14	770	23	1.19	67	15000
02-DU-1253	132	209	9.17	20	0.5	1.41	60	1.64	772	12	0.80	84	8520

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1174	57	0.01	6	14	23	0.55	20	20	146	5	225	0.02
02-DU-1175	49	0.08	7	11	9	0.43	20	10	87	5	107	0.14
02-DU-1177	61	0.08	7	9	15	0.40	30	10	104	5	156	0.15
02-DU-1179	52	0.03	3	11	15	0.44	30	10	108	5	185	0.07
02-DU-1181	39	0.21	4	7	28	0.15	10	10	98	10	78	0.20
02-DU-1182	64	1.07	6	16	68	0.48	5	5	150	10	188	0.01
02-DU-1183	50	0.44	5	11	41	0.36	10	10	129	10	133	0.14
02-DU-1185	63	1.04	5	10	89	0.40	5	10	129	10	140	0.01
02-DU-1186	59	0.27	8	16	62	0.46	10	5	163	10	207	0.02
02-DU-1188	53	0.39	9	13	17	0.37	5	5	137	20	114	0.03
02-DU-1189	83	0.58	3	13	42	0.40	10	10	121	10	144	0.03
02-DU-1190	51	1.21	6	18	80	0.57	5	5	158	10	192	0.01
02-DU-1191	63	1.04	5	15	106	0.41	10	5	130	10	166	0.04
02-DU-1192	50	1.82	5	21	72	0.51	10	10	175	10	216	0.01
02-DU-1193	62	0.64	8	19	28	0.48	10	10	178	10	184	0.01
02-DU-1194	61	0.29	5	21	15	0.48	10	10	195	10	200	0.02
02-DU-1196	61	0.73	5	16	27	0.46	10	5	159	10	219	0.02
02-DU-1197	70	0.45	6	12	53	0.35	10	40	136	10	176	0.03
02-DU-1198	49	0.06	6	18	18	0.38	20	40	168	10	223	0.03
02-DU-1199	54	0.11	6	18	22	0.55	10	30	200	10	211	0.03
02-DU-1200	38	0.05	4	10	14	0.27	10	20	73	10	145	0.01
02-DU-1201	47	0.25	5	13	45	0.43	5	5	142	10	178	0.03
02-DU-1202	51	0.12	7	8	32	0.25	5	5	100	10	130	0.12
02-DU-1220	38	0.03	6	15	13	0.59	10	10	144	10	233	0.02
02-DU-1221	33	0.03	5	17	18	0.52	10	10	151	10	235	0.01
02-DU-1223	35	0.04	7	13	19	0.43	20	10	140	5	205	0.02
02-DU-1224	53	0.09	3	11	17	0.44	40	20	116	10	142	0.09
02-DU-1225	48	0.05	4	14	23	0.32	20	30	154	10	197	0.04
02-DU-1227G	30	0.02	8	14	24	0.49	10	5	125	10	205	0.01
02-DU-1229	39	0.03	3	9	18	0.26	30	5	78	5	111	0.05
02-DU-1230	55	0.04	4	10	20	0.52	60	10	113	10	208	0.09
02-DU-1231	35	0.10	5	9	26	0.36	40	10	73	5	120	0.05
02-DU-1234	47	0.04	5	15	21	0.42	30	10	155	10	175	0.05
02-DU-1235	62	0.06	7	13	18	0.50	60	10	95	5	192	0.09
02-DU-1236	42	0.04	5	16	19	0.53	30	5	113	10	218	0.02
02-DU-1237	36	0.10	2	9	13	0.18	20	20	99	5	119	0.15
02-DU-1238	70	0.20	5	12	15	0.37	20	40	123	10	173	0.06
02-DU-1239	41	0.10	5	11	10	0.27	10	20	93	10	175	0.06
02-DU-1240	32	0.03	1	11	16	0.18	20	10	112	10	153	0.03
02-DU-1241	51	0.07	7	11	18	0.53	40	30	116	10	185	0.05
02-DU-1243	58	0.07	5	13	16	0.50	50	20	102	5	177	0.12
02-DU-1244	38	0.05	2	10	19	0.16	20	5	111	5	125	0.06
02-DU-1245	39	0.11	5	8	21	0.20	30	10	87	10	125	0.17
02-DU-1247	65	0.19	7	9	19	0.40	50	20	126	5	155	0.12
02-DU-1249	44	0.08	4	13	16	0.49	20	10	120	10	198	0.03
02-DU-1250	29	0.07	6	17	19	0.52	10	5	148	5	210	0.01
02-DU-1251	28	0.02	6	17	13	0.52	10	10	152	10	242	0.01
02-DU-1252	56	0.27	7	14	22	0.44	10	10	184	10	260	0.04
02-DU-1253	43	0.18	3	12	11	0.35	10	20	120	10	198	0.05

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1254	19	447818	7717253	0.1	6.19	123	5	370	0.3	6	0.15	1.1	54
02-DU-1255	19	447499	7720426	0.1	5.28	20	5	240	0.3	4	0.12	0.3	32
02-DU-1256	19	448248	7722401	0.1	5.26	25	5	270	0.3	1	0.12	0.5	19
02-DU-1257	19	438283	7698106	0.1	4.53	79	5	330	0.5	1	0.03	0.3	21
02-DU-1258	19	444921	7701090	0.1	4.17	97	5	380	0.3	7	0.04	0.3	13
02-DU-1259	19	450024	7694372	0.1	4.88	61	5	350	0.5	1	0.16	0.3	29
02-DU-1261	19	456156	7693837	0.1	5.41	138	5	410	0.6	2	0.11	0.7	32
02-DU-1262	19	463837	7687787	0.1	4.36	8	5	200	0.7	1	0.04	0.3	18
02-DU-1264	19	463000	7683833	0.1	6.15	27	5	370	1.1	8	0.09	0.3	38
02-DU-1267	19	459847	7706214	0.1	5.55	105	5	380	1.6	1	0.10	1.3	28
02-DU-1268	19	459691	7709994	0.1	6.31	54	5	320	2.2	1	0.08	1.1	24
02-DU-1270	19	461937	7720197	0.1	7.39	22	5	150	1.3	1	0.08	3.3	14
02-DU-1272	19	456689	7726995	0.1	5.35	14	5	280	0.9	1	0.11	1.4	27
02-DU-1274	19	459171	7718037	0.1	5.78	36	5	350	0.8	1	0.04	1.3	18
02-DU-1276	19	451358	7707077	0.1	4.79	82	5	300	1.1	1	0.05	1.3	17
02-DU-1277	19	448424	7708795	0.1	5.69	181	5	450	1.2	1	0.07	1.3	25
02-DU-1281	19	447968	7696750	0.1	6.15	243	10	350	2.2	1	0.07	1.1	24
02-DU-1282	19	448895	7693195	0.1	5.59	69	5	370	1.6	1	0.14	1.6	25
02-DU-1284	19	442560	7689614	0.1	2.79	16	5	110	1.8	1	0.05	0.3	13
02-DU-1285	19	439847	7682556	0.1	6.90	165	10	270	2.6	1	0.04	0.5	27
02-DU-1286	19	453551	7678890	0.1	5.48	56	5	250	2.5	1	0.09	0.7	30
02-DU-1287	19	456176	7675632	0.1	6.07	38	5	330	1.4	1	0.03	1.0	19
02-DU-1290	19	457322	7664286	0.1	5.13	43	5	330	1.6	1	0.14	0.8	30
02-DU-1294	19	462359	7661802	0.1	6.00	41	5	300	3.0	2	0.07	0.3	28
02-DU-1295	19	465037	7663875	0.1	6.01	15	5	380	5.6	4	0.07	1.4	25
02-DU-1296	19	465394	7669497	0.1	7.05	20	5	500	1.2	1	0.18	1.2	34
02-DU-1297	19	458601	7680448	0.1	5.77	27	5	270	2.4	2	0.11	0.8	29
02-DU-1298	19	390212	7737368	0.1	8.85	5	5	130	1.5	1	0.12	0.3	12
02-DU-1299	19	391780	7739882	0.1	8.07	5	5	90	1.5	1	0.14	0.3	18
02-DU-1300	19	396987	7743526	0.1	8.42	4	5	120	1.3	1	0.09	0.3	17
02-DU-1303	19	402268	7731967	0.1	5.65	33	5	170	1.3	1	0.18	0.9	26
02-DU-1304	19	405475	7741407	0.1	4.37	3	5	140	0.3	1	0.35	0.3	28
02-DU-1305	19	409133	7745385	0.1	4.36	8	10	170	0.3	1	0.36	0.9	27
02-DU-1306	19	412445	7738789	0.1	5.82	9	5	260	1.1	1	0.07	1.6	19
02-DU-1308	19	419538	7743512	0.1	2.33	11	10	70	0.7	1	0.59	0.5	19
02-DU-1309	19	423294	7741536	0.1	3.54	34	5	140	0.6	1	0.20	0.3	17
02-DU-1310	19	429685	7746422	0.1	4.78	25	5	180	1.0	1	0.27	1.2	27
02-DU-1312	19	423359	7749549	0.1	3.88	3	5	150	0.6	1	0.42	0.3	25
02-DU-1313	19	418868	7750941	0.1	6.72	2	5	90	0.9	1	0.15	0.3	18
02-DU-1314	19	415470	7750833	0.1	5.16	4	5	220	0.7	1	0.36	0.6	31
02-DU-1317	19	387807	7746083	0.1	5.09	4	5	170	0.8	1	0.34	0.8	22
02-DU-1501	19	379206	7627108	0.1	5.54	147	5	300	1.2	5	0.14	1.8	39
02-DU-1502	19	396723	7627205	0.1	6.27	177	20	320	2.1	1	0.25	0.9	37
02-DU-1503	19	381402	7638713	0.1	5.38	193	10	280	1.3	1	0.30	1.0	46
02-DU-1504	19	391100	7637286	0.1	6.66	182	5	330	1.5	1	0.07	0.7	46
02-DU-1505	19	397501	7639555	0.1	6.51	149	10	270	1.7	1	0.06	0.3	50
02-DU-1506	19	390844	7645680	0.1	7.48	345	5	230	2.3	1	0.05	0.5	33
02-DU-1507	19	401014	7645365	0.1	6.75	236	5	320	2.1	1	0.09	1.4	58
02-DU-1508	19	408519	7641272	0.1	5.93	70	5	340	1.1	1	0.08	0.5	41

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1254	147	264	11.95	30	0.5	2.62	60	2.94	976	6	0.53	244	3790
02-DU-1255	142	140	10.25	30	0.5	2.09	120	2.44	1010	9	0.64	78	6230
02-DU-1256	142	156	11.15	30	0.5	2.11	90	2.27	756	12	0.49	65	5570
02-DU-1257	136	148	8.37	20	0.5	1.79	30	1.79	482	5	0.37	64	3570
02-DU-1258	142	158	9.72	20	0.5	2.36	60	2.04	466	6	0.34	48	3990
02-DU-1259	169	174	9.00	20	0.5	1.88	30	1.97	629	7	1.34	93	15000
02-DU-1261	177	253	10.15	20	0.5	2.13	60	2.36	620	9	0.69	112	6950
02-DU-1262	154	120	8.29	20	0.5	1.50	20	1.21	439	3	0.59	72	6220
02-DU-1264	158	309	10.25	20	0.5	1.67	60	1.95	669	9	1.01	128	15000
02-DU-1267	174	221	10.55	20	0.5	2.13	60	2.21	678	12	0.58	69	6250
02-DU-1268	176	203	11.25	20	0.5	1.81	40	2.08	679	16	0.48	66	5660
02-DU-1270	212	228	20.00	30	0.5	2.08	20	2.14	684	33	0.64	48	6170
02-DU-1272	137	174	10.60	30	0.5	2.58	110	2.18	937	15	0.50	105	3530
02-DU-1274	143	243	13.35	30	0.5	2.90	180	2.07	860	20	0.64	40	7400
02-DU-1276	166	141	10.80	20	0.5	2.74	80	2.05	507	10	0.48	57	4280
02-DU-1277	173	234	11.30	20	0.5	2.72	60	2.37	619	10	0.63	67	7240
02-DU-1281	174	284	10.10	20	0.5	2.05	60	2.34	542	11	0.55	80	6480
02-DU-1282	168	225	10.65	20	0.5	1.79	40	1.97	491	15	0.74	89	9000
02-DU-1284	51	52	4.80	10	0.5	0.97	40	0.70	396	3	1.59	35	15000
02-DU-1285	157	242	9.06	20	0.5	1.66	60	2.10	521	9	0.54	93	5920
02-DU-1286	126	158	9.19	20	0.5	1.79	50	2.03	704	9	0.52	89	4530
02-DU-1287	136	178	10.70	20	0.5	2.36	70	2.33	645	13	0.66	55	7560
02-DU-1290	158	150	7.70	20	0.5	2.47	40	2.38	650	6	1.32	102	15000
02-DU-1294	164	155	8.34	20	0.5	2.14	30	2.33	666	6	0.57	104	5810
02-DU-1295	168	223	9.93	20	0.5	2.05	40	2.06	592	16	0.45	106	5400
02-DU-1296	255	139	10.80	30	0.5	3.61	50	4.14	870	7	0.52	125	5040
02-DU-1297	132	186	8.83	20	0.5	2.32	50	2.28	802	9	0.49	101	3190
02-DU-1298	37	33	5.13	30	0.5	0.27	120	0.87	431	5	0.94	26	15000
02-DU-1299	63	67	6.43	30	0.5	0.55	150	1.31	686	7	0.85	42	9920
02-DU-1300	50	46	6.40	30	0.5	0.67	80	1.44	604	6	0.96	36	15000
02-DU-1303	139	93	8.75	30	0.5	1.62	60	2.30	875	9	0.43	67	2910
02-DU-1304	148	59	7.11	20	0.5	1.33	120	1.86	1145	9	2.62	87	15000
02-DU-1305	202	62	7.87	30	0.5	1.51	250	2.24	961	8	2.88	97	15000
02-DU-1306	153	180	12.30	20	0.5	1.98	40	2.69	826	29	0.43	62	4380
02-DU-1308	206	75	5.01	10	0.5	0.54	130	1.37	472	12	1.55	108	15000
02-DU-1309	91	68	6.48	20	0.5	1.46	50	1.66	648	7	0.50	44	4420
02-DU-1310	112	140	8.04	20	0.5	1.97	60	2.34	879	10	0.54	92	2590
02-DU-1312	102	75	6.88	20	0.5	1.93	100	2.67	972	6	0.60	63	4160
02-DU-1313	76	39	5.44	30	0.5	0.67	130	1.46	860	5	1.61	42	15000
02-DU-1314	146	61	8.50	30	0.5	2.63	170	3.27	1145	6	0.78	78	5170
02-DU-1317	58	49	7.75	30	0.5	1.66	230	2.46	838	5	0.67	38	3210
02-DU-1501	154	464	13.55	20	0.5	2.90	180	2.18	694	19	0.75	124	9560
02-DU-1502	184	247	9.32	30	0.5	2.64	40	2.96	719	5	0.51	171	3290
02-DU-1503	158	261	8.56	20	0.5	2.02	60	2.49	699	6	0.81	151	9510
02-DU-1504	182	385	10.10	20	0.5	2.52	30	2.85	689	9	0.58	171	5950
02-DU-1505	174	300	9.05	20	0.5	1.83	70	2.54	632	9	0.80	163	9270
02-DU-1506	158	257	8.43	20	0.5	1.42	80	1.97	473	14	0.52	132	6070
02-DU-1507	184	415	10.95	20	0.5	2.36	60	2.82	763	9	0.55	192	6260
02-DU-1508	201	218	8.60	20	0.5	2.24	40	2.45	621	8	0.81	277	8050

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1254	46	0.13	5	17	18	0.59	10	40	162	10	351	0.01
02-DU-1255	39	0.08	5	19	22	0.51	10	10	187	10	247	0.03
02-DU-1256	53	0.10	4	18	21	0.54	10	10	165	10	243	0.01
02-DU-1257	50	0.32	6	11	28	0.32	10	10	112	10	174	0.01
02-DU-1258	98	0.80	4	12	51	0.36	10	10	115	10	171	0.01
02-DU-1259	34	0.11	4	15	23	0.34	10	10	144	10	198	0.03
02-DU-1261	49	0.25	6	16	41	0.37	10	10	152	10	213	0.02
02-DU-1262	30	0.02	2	12	20	0.33	10	10	98	5	166	0.01
02-DU-1264	52	0.27	4	15	34	0.30	10	20	146	10	201	0.07
02-DU-1267	49	0.53	1	16	42	0.41	10	30	149	10	208	0.02
02-DU-1268	47	0.23	2	17	28	0.44	10	40	170	10	202	0.02
02-DU-1270	44	0.05	1	24	2	0.66	10	40	196	10	150	0.01
02-DU-1272	44	0.23	1	18	22	0.60	30	40	157	10	315	0.01
02-DU-1274	70	1.05	1	18	81	0.58	30	60	164	10	235	0.03
02-DU-1276	55	1.43	1	14	65	0.41	10	20	131	5	188	0.01
02-DU-1277	51	0.90	1	14	49	0.43	10	20	140	10	188	0.01
02-DU-1281	44	0.12	4	14	38	0.40	10	30	138	10	158	0.03
02-DU-1282	44	0.17	1	16	27	0.37	10	20	158	10	235	0.03
02-DU-1284	22	0.02	1	3	7	0.21	10	30	50	5	85	0.02
02-DU-1285	42	0.05	1	13	33	0.38	10	30	131	5	162	0.04
02-DU-1286	50	0.10	1	14	37	0.39	10	40	129	5	180	0.02
02-DU-1287	53	0.77	1	14	49	0.48	20	30	130	10	216	0.02
02-DU-1290	27	0.10	1	13	14	0.37	10	30	124	5	174	0.02
02-DU-1294	38	0.03	1	14	15	0.40	10	20	135	5	186	0.01
02-DU-1295	52	0.32	1	15	71	0.40	10	40	146	5	215	0.02
02-DU-1296	38	0.14	2	26	15	0.58	10	20	224	10	235	0.01
02-DU-1297	45	0.06	1	15	13	0.47	10	30	139	5	226	0.02
02-DU-1298	53	0.06	1	5	17	0.32	30	50	73	5	123	0.07
02-DU-1299	65	0.06	1	6	9	0.42	40	60	100	5	150	0.10
02-DU-1300	72	0.05	1	10	8	0.41	20	40	97	5	182	0.14
02-DU-1303	43	0.04	1	15	15	0.50	20	40	146	5	205	0.02
02-DU-1304	55	0.02	1	9	20	0.19	40	60	118	5	165	0.04
02-DU-1305	40	0.02	1	13	27	0.13	50	60	142	5	158	0.03
02-DU-1306	121	0.15	1	20	18	0.54	10	40	208	10	258	0.02
02-DU-1308	44	0.03	1	7	19	0.22	40	50	81	5	86	0.05
02-DU-1309	32	0.02	1	11	8	0.38	20	30	93	5	140	0.01
02-DU-1310	42	0.02	1	14	8	0.50	20	30	125	5	261	0.01
02-DU-1312	36	0.02	1	13	12	0.51	30	30	116	5	214	0.01
02-DU-1313	42	0.07	1	8	10	0.33	40	50	89	5	138	0.09
02-DU-1314	38	0.03	1	14	13	0.63	30	50	150	5	221	0.02
02-DU-1317	42	0.02	1	13	14	0.56	50	70	129	5	178	0.04
02-DU-1501	92	1.89	2	14	88	0.36	20	50	132	10	262	0.02
02-DU-1502	36	0.01	1	17	9	0.41	10	10	155	5	218	0.02
02-DU-1503	35	0.03	2	13	8	0.30	20	20	136	5	182	0.03
02-DU-1504	39	0.05	1	16	8	0.39	10	20	148	5	204	0.02
02-DU-1505	36	0.05	1	14	11	0.33	20	30	133	10	184	0.05
02-DU-1506	39	0.07	3	12	16	0.33	20	30	135	10	141	0.07
02-DU-1507	53	0.05	1	16	18	0.38	10	30	152	10	236	0.02
02-DU-1508	88	0.14	1	14	10	0.32	10	20	140	5	219	0.04

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1509	19	407345	7631474	0.1	5.75	133	10	230	1.4	1	0.06	0.8	41
02-DU-1510	19	406164	7649037	0.1	6.54	147	5	310	1.7	1	0.09	1.0	33
02-DU-1511	19	412636	7646187	0.1	6.17	172	10	260	1.8	1	0.11	0.3	38
02-DU-1512	19	418111	7647958	0.1	6.36	72	10	250	1.9	1	0.09	0.6	37
02-DU-1513	19	415843	7639135	0.1	5.97	92	5	210	1.7	1	0.08	0.3	28
02-DU-1514	19	418728	7624520	0.1	5.51	90	10	260	1.8	1	0.11	0.9	38
02-DU-1515	19	428916	7628347	0.1	6.00	99	10	280	2.1	1	0.09	1.0	40
02-DU-1516	19	436117	7631678	0.1	5.53	92	10	230	2.9	1	0.09	0.8	55
02-DU-1517	19	429657	7643672	0.1	5.62	71	5	310	1.7	1	0.10	1.5	37
02-DU-1518	19	429747	7617714	0.1	5.93	105	10	380	2.2	1	0.09	1.7	35
02-DU-1519	19	432123	7611320	0.1	5.95	14	10	280	2.9	1	0.10	0.9	28
02-DU-1520	19	423949	7605035	0.1	5.07	13	10	200	2.2	1	0.11	0.6	29
02-DU-1521	19	433023	7593781	0.1	5.18	2	20	270	2.9	1	0.44	0.6	23
02-DU-1522	19	438269	7592707	0.1	5.03	2	20	220	2.2	1	2.27	0.9	25
02-DU-1523	19	450614	7592177	0.1	5.73	1	10	210	2.6	1	0.07	0.5	23
02-DU-1524	19	443853	7605920	0.1	3.63	3	5	190	0.9	1	0.44	0.3	30
02-DU-1525	19	420645	7591928	0.1	5.46	2	20	210	3.2	1	0.30	0.3	27
02-DU-1526	19	414922	7593331	0.1	5.42	3	20	240	2.5	1	0.19	0.8	32
02-DU-1527	19	409342	7602117	0.1	5.73	7	20	240	2.5	3	0.14	0.3	30
02-DU-1528	19	419295	7604682	0.1	5.38	10	10	220	2.3	1	0.14	0.7	27
02-DU-1529	19	409962	7619171	0.1	6.07	61	10	270	2.7	1	0.06	0.6	35
02-DU-1530	19	412220	7622623	0.1	6.55	75	10	370	2.1	1	0.07	0.9	30
02-DU-1531	19	412346	7559816	0.1	5.40	4	20	280	2.3	1	0.22	0.3	21
02-DU-1532	19	417396	7558677	0.1	7.76	1	10	250	3.1	1	0.11	0.3	16
02-DU-1533	19	419765	7550289	0.1	8.01	1	10	160	2.8	1	0.10	0.3	11
02-DU-1534	19	425636	7555485	0.1	6.51	1	10	150	2.0	1	0.07	0.3	16
02-DU-1535	19	434992	7547081	0.1	8.20	1	10	190	1.4	1	0.06	0.3	9
02-DU-1536	19	443518	7545445	0.1	5.67	1	10	200	6.6	1	0.10	0.7	38
02-DU-1537	19	450221	7547272	0.1	8.75	1	5	150	4.9	1	0.06	0.3	18
02-DU-1538	19	456318	7546972	0.1	5.21	1	10	190	2.1	1	0.15	0.3	25
02-DU-1539	19	456196	7551621	0.1	7.10	1	5	170	8.9	1	0.23	0.3	20
02-DU-1540	19	457965	7556100	0.1	7.22	9	5	110	5.9	1	0.06	0.5	18
02-DU-1541	19	442930	7558517	0.1	6.69	2	5	220	4.6	1	0.10	0.7	19
02-DU-1542	19	433528	7561146	0.1	4.95	3	5	290	4.8	1	0.24	0.3	28
02-DU-1543	19	427034	7566527	0.1	6.70	1	5	500	3.7	1	0.19	1.1	27
02-DU-1544	19	445942	7563514	0.1	5.77	3	5	160	3.4	1	0.12	0.3	20
02-DU-1545	19	458828	7576308	0.1	7.56	1	5	200	3.7	1	0.07	0.3	31
02-DU-1545G	19	458828	7576308	0.1	2.55	1	5	230	0.3	10	0.02	9.8	10
02-DU-1546	19	451807	7581732	0.1	5.69	1	10	200	6.7	1	0.08	1.2	39
02-DU-1547	19	447904	7578759	0.1	4.54	2	10	90	6.1	1	0.07	0.3	24
02-DU-1548	19	441794	7583500	0.1	6.06	1	10	200	3.0	1	0.11	0.7	30
02-DU-1549	19	434357	7573639	0.1	7.60	1	10	260	3.7	1	0.05	0.6	23
02-DU-1550	19	422107	7579153	0.1	5.39	1	10	230	3.0	1	0.18	0.3	30
02-DU-1551	19	424496	7582602	0.1	5.04	3	10	190	2.2	1	0.10	0.6	34
02-DU-1552	19	454771	7591390	0.1	6.69	1	10	160	5.3	1	0.04	0.3	46
02-DU-1553	19	457348	7597144	0.1	6.26	1	10	210	5.2	1	0.08	1.0	36
02-DU-1554	19	453110	7605132	0.1	5.50	1	10	250	1.8	1	0.16	0.3	28
02-DU-1555	19	452772	7624981	0.1	5.81	121	10	460	1.9	2	0.11	1.6	24
02-DU-1556	19	447487	7624448	0.1	6.46	76	10	350	1.9	1	0.09	1.3	42

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1509	178	246	10.25	20	0.5	2.26	40	2.62	740	10	0.66	102	7640
02-DU-1510	194	244	9.52	20	0.5	2.56	50	2.96	644	8	0.65	119	6750
02-DU-1511	183	222	8.61	20	0.5	1.91	60	2.35	652	8	0.89	125	9600
02-DU-1512	172	212	8.84	20	0.5	1.73	50	2.30	608	8	0.76	119	7740
02-DU-1513	136	136	8.01	20	0.5	1.33	60	1.75	603	7	1.12	80	15000
02-DU-1514	170	190	8.60	20	0.5	2.24	40	2.41	727	8	0.77	129	7660
02-DU-1515	178	251	9.64	20	0.5	2.30	50	2.60	802	7	0.76	149	8150
02-DU-1516	162	207	9.00	20	0.5	2.16	50	2.42	985	9	0.76	143	7400
02-DU-1517	161	241	9.93	20	0.5	1.70	60	2.14	613	16	0.71	108	7320
02-DU-1518	194	211	11.10	20	0.5	2.53	20	2.74	756	15	0.43	123	3880
02-DU-1519	160	146	8.98	20	0.5	2.45	30	2.40	905	7	0.37	96	3060
02-DU-1520	136	120	7.98	20	0.5	1.99	40	2.09	918	7	0.46	84	3800
02-DU-1521	124	81	7.23	20	0.5	1.94	40	2.24	653	4	0.30	70	2140
02-DU-1522	138	74	7.25	20	0.5	2.13	30	2.33	606	4	0.38	79	1900
02-DU-1523	150	98	8.61	30	0.5	2.34	20	2.42	519	9	0.37	62	2730
02-DU-1524	310	75	5.42	20	0.5	1.29	80	2.64	724	8	1.52	192	15000
02-DU-1525	126	111	7.72	20	0.5	2.34	30	2.26	662	4	0.41	84	2870
02-DU-1526	155	170	8.37	20	0.5	2.22	30	2.42	760	4	0.64	112	5210
02-DU-1527	154	121	8.30	20	0.5	2.28	40	2.31	941	7	0.60	94	5720
02-DU-1528	146	108	7.86	20	0.5	2.18	40	2.24	898	6	0.52	81	4620
02-DU-1529	172	223	9.12	20	0.5	2.00	40	2.29	661	9	0.62	105	6110
02-DU-1530	211	228	9.94	20	0.5	2.99	20	3.07	761	9	0.44	101	4400
02-DU-1531	131	26	6.45	30	0.5	1.02	160	1.55	617	8	3.45	62	15000
02-DU-1532	64	33	6.79	30	0.5	0.99	110	1.29	499	10	0.69	29	7750
02-DU-1533	80	18	4.36	30	0.5	0.48	60	0.81	427	5	2.09	33	15000
02-DU-1534	87	23	6.37	30	0.5	1.00	50	1.37	298	7	0.88	34	8590
02-DU-1535	54	22	3.82	20	0.5	0.38	30	0.68	100	5	0.94	21	15000
02-DU-1536	147	160	9.24	30	0.5	1.83	40	2.34	521	10	0.71	80	7300
02-DU-1537	81	49	6.13	30	0.5	0.52	30	0.93	408	7	0.57	39	6520
02-DU-1538	124	41	5.09	20	0.5	0.42	60	0.97	791	6	1.88	63	15000
02-DU-1539	91	84	6.57	20	0.5	0.35	60	0.81	556	6	2.82	57	15000
02-DU-1540	99	58	7.30	20	0.5	0.53	20	1.03	586	5	0.61	49	6070
02-DU-1541	124	50	8.53	30	0.5	0.86	30	1.41	327	7	0.56	41	4820
02-DU-1542	136	72	7.45	20	0.5	1.38	70	1.56	506	9	1.79	66	15000
02-DU-1543	156	84	10.80	30	0.5	2.20	120	2.38	745	9	0.88	52	8590
02-DU-1544	111	39	7.40	30	0.5	0.72	50	1.22	496	5	1.11	44	15000
02-DU-1545	113	82	7.38	30	0.5	1.02	30	1.56	483	6	0.85	70	9240
02-DU-1545G	110	176	20.00	30	0.5	0.69	5	0.75	1090	99	0.46	15	4390
02-DU-1546	152	160	9.27	30	0.5	1.88	40	2.40	513	9	0.55	81	4990
02-DU-1547	103	77	7.34	20	1	0.84	40	1.66	244	7	0.85	58	5980
02-DU-1548	179	132	8.39	30	0.5	1.73	30	2.22	555	9	0.46	94	3410
02-DU-1549	162	95	9.42	30	0.5	1.43	50	1.88	314	11	0.38	66	3330
02-DU-1550	166	97	7.99	20	0.5	1.88	30	2.32	570	7	0.39	91	2810
02-DU-1551	162	102	7.58	20	0.5	1.66	40	2.02	655	9	1.28	81	15000
02-DU-1552	170	179	8.81	30	0.5	1.51	20	2.13	708	10	0.51	112	4010
02-DU-1553	175	164	8.57	30	0.5	2.20	20	2.49	653	7	0.43	102	3170
02-DU-1554	161	69	8.13	30	0.5	2.73	30	2.49	806	4	0.41	105	2030
02-DU-1555	172	266	11.65	20	0.5	2.73	70	2.47	664	16	0.65	69	8220
02-DU-1556	198	248	9.89	20	0.5	3.00	30	2.93	736	9	0.70	147	7120

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1509	44	0.04	1	14	6	0.40	10	20	138	10	196	0.01
02-DU-1510	30	0.03	2	16	11	0.41	10	20	151	10	182	0.01
02-DU-1511	34	0.03	1	15	20	0.33	20	30	139	5	168	0.03
02-DU-1512	41	0.02	2	14	19	0.34	10	30	141	10	184	0.04
02-DU-1513	41	0.06	1	11	9	0.29	20	30	126	5	142	0.05
02-DU-1514	34	0.02	1	14	6	0.37	20	30	140	10	184	0.02
02-DU-1515	45	0.03	1	15	5	0.41	10	30	142	10	192	0.02
02-DU-1516	54	0.02	1	14	5	0.40	20	40	135	5	224	0.01
02-DU-1517	44	0.25	1	15	29	0.35	10	30	157	10	207	0.05
02-DU-1518	51	0.05	1	17	6	0.49	10	20	167	10	297	0.01
02-DU-1519	47	0.02	1	18	5	0.51	20	30	142	5	249	0.01
02-DU-1520	36	0.01	1	15	4	0.45	10	30	132	5	200	0.01
02-DU-1521	28	0.02	1	17	13	0.46	10	10	136	5	211	0.01
02-DU-1522	28	0.01	1	17	29	0.49	10	5	144	5	217	0.01
02-DU-1523	38	0.01	1	19	4	0.57	10	10	164	5	223	0.01
02-DU-1524	31	0.01	1	9	17	0.30	20	30	95	5	128	0.01
02-DU-1525	30	0.02	1	18	6	0.48	10	10	143	5	228	0.01
02-DU-1526	29	0.01	1	18	4	0.49	10	10	150	5	249	0.01
02-DU-1527	32	0.02	1	18	6	0.47	10	30	145	5	209	0.01
02-DU-1528	27	0.02	1	17	6	0.46	10	20	137	5	198	0.01
02-DU-1529	39	0.05	1	15	6	0.37	10	30	140	10	166	0.04
02-DU-1530	29	0.01	1	19	3	0.51	10	10	166	10	186	0.01
02-DU-1531	30	0.03	1	13	19	0.15	30	30	96	5	174	0.05
02-DU-1532	39	0.06	1	14	13	0.52	30	40	116	5	155	0.11
02-DU-1533	28	0.04	1	13	7	0.29	10	20	83	5	97	0.14
02-DU-1534	37	0.04	1	13	6	0.44	10	30	112	5	188	0.04
02-DU-1535	23	0.11	2	8	4	0.29	10	10	88	5	98	0.14
02-DU-1536	46	0.02	1	15	17	0.45	10	10	175	5	213	0.02
02-DU-1537	35	0.03	1	14	10	0.30	10	20	126	5	169	0.07
02-DU-1538	32	0.04	1	15	11	0.19	20	40	98	5	134	0.09
02-DU-1539	38	0.02	1	14	48	0.16	10	20	114	5	176	0.07
02-DU-1540	34	0.02	1	20	10	0.26	10	40	140	10	154	0.05
02-DU-1541	34	0.02	1	20	10	0.51	10	10	184	5	194	0.04
02-DU-1542	35	0.03	1	12	33	0.29	20	20	147	5	206	0.03
02-DU-1543	46	0.02	1	21	32	0.59	30	30	223	5	238	0.03
02-DU-1544	37	0.02	2	13	15	0.32	10	20	146	5	152	0.03
02-DU-1545	35	0.06	1	13	7	0.40	10	10	169	5	188	0.05
02-DU-1545G	21	0.16	1	9	0.5	0.54	5	10	530	10	86	0.03
02-DU-1546	43	0.02	1	14	13	0.48	10	10	180	5	217	0.02
02-DU-1547	25	0.05	1	8	10	0.15	10	10	111	5	130	0.04
02-DU-1548	34	0.02	1	17	7	0.50	10	20	166	5	226	0.03
02-DU-1549	41	0.03	1	19	6	0.58	10	20	190	5	211	0.04
02-DU-1550	33	0.01	1	16	10	0.52	10	10	166	5	215	0.01
02-DU-1551	31	0.02	1	15	5	0.37	10	20	145	5	184	0.02
02-DU-1552	50	0.04	1	16	3	0.43	10	20	158	10	223	0.03
02-DU-1553	39	0.02	1	19	3	0.54	10	20	174	5	256	0.01
02-DU-1554	22	0.01	1	20	5	0.57	10	10	156	5	224	0.01
02-DU-1555	52	0.63	2	17	43	0.45	10	30	158	10	198	0.01
02-DU-1556	30	0.01	1	18	4	0.45	10	20	165	10	233	0.02

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Zone	East	North	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)
02-DU-1557	19	451957	7644653	0.1	4.77	24	10	280	1.2	1	0.09	0.3	27
02-DU-1558	19	456492	7641879	0.1	6.65	61	10	330	2.6	1	0.07	0.9	40
02-DU-1559	19	431917	7694169	0.1	4.73	60	10	300	1.2	1	0.17	0.6	33
02-DU-1560	19	427847	7686590	0.1	5.14	136	10	280	1.8	1	0.06	0.5	28
02-DU-1561	19	440168	7679702	0.1	4.45	31	5	110	1.8	2	0.05	0.5	8
02-DU-1562	19	436254	7671264	0.1	5.38	108	10	230	2.6	1	0.06	0.8	39
02-DU-1563	19	445874	7667597	0.1	4.68	28	10	170	1.7	1	0.07	0.3	25
02-DU-1564	19	391092	7696049	0.1	5.31	31	5	200	1.9	3	0.05	2.7	9
02-DU-1565	19	385107	7704339	0.1	7.84	160	5	170	3.4	9	0.05	0.3	13
02-DU-1566	19	397987	7712228	0.1	8.01	8	5	160	1.2	1	0.05	1.2	25
02-DU-1567	19	405149	7708788	0.1	6.48	42	5	340	1.8	1	0.12	1.4	29
02-DU-1568	19	385376	7655635	0.1	6.32	316	10	210	2.3	1	0.05	1.0	48
02-DU-1569	19	387500	7671832	0.1	6.41	253	10	380	2.9	1	0.06	1.5	45
02-DU-1570	19	391113	7683467	0.1	6.29	345	20	320	2.4	1	0.06	1.1	32
02-DU-1571	19	394139	7667889	0.1	6.17	166	10	240	2.4	1	0.06	0.7	38
02-DU-1572	19	397594	7657899	0.1	6.42	321	10	260	2.8	1	0.05	1.1	37
02-DU-1591	19	394756	7724561	0.1	5.18	6	5	200	0.8	1	0.26	0.8	28
02-DU-1597	19	394786	7724679	0.1	4.74	80	5	170	1.1	1	0.11	0.7	17

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)
02-DU-1557	133	110	6.93	20	0.5	2.05	50	1.93	597	6	0.89	88	9840
02-DU-1558	205	243	9.62	20	0.5	3.03	30	3.05	828	8	0.41	168	2780
02-DU-1559	138	163	7.88	20	0.5	1.44	50	1.68	605	9	1.46	90	15000
02-DU-1560	168	172	8.07	20	0.5	1.63	30	1.63	416	7	0.94	95	15000
02-DU-1561	95	303	10.90	20	0.5	0.54	20	0.86	251	75	0.75	29	9120
02-DU-1562	135	178	8.03	20	0.5	1.58	50	1.89	586	8	0.53	107	5540
02-DU-1563	74	90	6.52	10	0.5	1.83	20	1.53	542	6	0.48	64	4310
02-DU-1564	121	241	20.00	20	0.5	2.06	60	1.20	239	33	0.41	31	5640
02-DU-1565	50	55	7.95	30	0.5	0.82	50	0.80	720	8	0.48	34	4830
02-DU-1566	121	85	9.62	30	0.5	1.10	60	1.93	750	13	0.83	63	7130
02-DU-1567	168	140	9.99	30	0.5	2.80	60	2.72	898	12	0.62	87	4740
02-DU-1568	164	338	9.06	20	0.5	1.42	100	2.35	759	12	0.43	120	5280
02-DU-1569	172	430	11.25	20	0.5	1.76	150	2.20	641	18	0.65	144	7730
02-DU-1570	160	298	10.10	20	0.5	1.87	100	2.37	511	13	0.69	116	7570
02-DU-1571	170	332	9.53	20	0.5	1.52	60	1.87	512	22	0.78	151	7800
02-DU-1572	159	283	9.74	20	0.5	1.56	90	2.39	588	14	0.48	112	5700
02-DU-1591	97	84	8.98	30	0.5	1.93	110	2.69	1100	9	0.85	56	6330
02-DU-1597	122	118	9.77	20	0.5	1.44	50	1.68	547	20	0.96	52	15000

Appendix II – Till geochemistry, <0.002 mm, ICP-AES

Sample	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	Hg CV-AAS (ppm)
02-DU-1557	31	0.04	1	11	8	0.33	10	20	108	5	152	0.01
02-DU-1558	32	0.02	1	19	2	0.51	10	20	168	10	215	0.01
02-DU-1559	44	0.10	1	12	22	0.29	10	20	121	5	150	0.03
02-DU-1560	37	0.05	1	12	19	0.29	10	20	112	5	120	0.03
02-DU-1561	85	0.04	1	8	14	0.16	10	10	143	10	120	0.04
02-DU-1562	50	0.04	1	11	31	0.29	10	20	108	5	157	0.02
02-DU-1563	72	0.02	1	9	18	0.32	10	60	84	5	179	0.01
02-DU-1564	74	2.45	3	9	74	0.34	10	30	136	10	100	0.05
02-DU-1565	86	0.04	1	9	7	0.31	10	50	82	10	196	0.06
02-DU-1566	64	0.06	1	10	4	0.58	20	40	193	10	175	0.07
02-DU-1567	42	0.20	1	18	18	0.56	20	40	157	5	239	0.02
02-DU-1568	67	0.04	3	13	23	0.28	20	40	128	5	166	0.03
02-DU-1569	82	0.31	2	14	134	0.35	30	50	142	10	178	0.04
02-DU-1570	65	0.13	1	12	96	0.32	20	30	128	5	165	0.02
02-DU-1571	41	0.23	2	11	43	0.37	10	20	141	5	166	0.13
02-DU-1572	73	0.07	1	13	42	0.31	20	40	127	5	164	0.03
02-DU-1591	37	0.03	1	16	9	0.56	40	60	160	5	219	0.03
02-DU-1597	46	0.07	8	11	23	0.36	10	20	144	10	188	0.08

Appendix III: Till geochemistry for gold and platinum group elements, <0.063 mm, ICP-ES

Appendix III - Gold and Platinum group elements, <0.063 mm, ICP-AES

Sample	NTS	Zone	East	North	Au (ppb)	Pt (ppb)	Pd (ppb)
01-DU-009	37A	18	530692	7592449	1	2.5	0.5
01-DU-036	37A	18	598670	7556660	2	2.5	1
01-DU-042	37A	18	605940	7553351	0.5	2.5	0.5
01-DU-043	37A	18	613358	7559994	0.5	2.5	0.5
01-DU-044	37A	18	611475	7562417	1	2.5	0.5
01-DU-045	37A	18	606766	7565620	0.5	2.5	0.5
01-DU-047	37A	18	618231	7569035	1	2.5	0.5
01-DU-048	37A	18	560704	7607868	1	2.5	2
01-DU-056	37A	18	582823	7590662	7	2.5	1
01-DU-076	37A	18	482000	7723000	0.5	2.5	0.5
01-DU-147	37A	18	613095	7597969	3	2.5	1
01-DU-148	37A	18	616369	7594939	5	2.5	3
01-DU-149	37A	18	619076	7585679	0.5	2.5	0.5
01-DU-150	37A	18	620376	7583173	15	2.5	1
01-DU-151	37A	18	613430	7584340	1	2.5	1
01-DU-152	37A	18	611906	7592875	1	2.5	1
01-DU-153	37A	18	597315	7571602	1	2.5	0.5
01-DU-154	37A	18	590447	7578544	0.5	2.5	0.5
01-DU-155	37A	18	597480	7588170	1	2.5	0.5
01-DU-198	37A	18	567200	7611700	0.5	2.5	0.5
01-DU-199	37A	18	573232	7610655	2	2.5	0.5
01-DU-200	37A	18	566850	7605200	2	2.5	2
01-DU-201	37A	18	565321	7600362	1	2.5	0.5
01-DU-202	37A	18	574768	7594875	1	2.5	0.5
01-DU-203	37A	18	578732	7610594	3	2.5	0.5
01-DU-206	37A	18	587529	7618844	1	2.5	1
01-DU-207	37A	18	581917	7614655	2	2.5	1
01-DU-209	37A	18	599947	7612093	3	2.5	0.5
01-DU-210	37A	18	602631	7602127	1	2.5	0.5
01-DU-211	37A	18	604972	7615651	1	2.5	0.5
01-DU-212	37A	18	610585	7607871	3	2.5	1
01-DU-213	37A	18	596930	7619346	2	2.5	1
01-DU-252	27B	19	401978	7585608	1	2.5	0.5
01-DU-253	27B	19	401804	7584291	0.5	2.5	0.5
01-DU-254	27B	19	402745	7574103	1	2.5	0.5
01-DU-255	27B	19	405095	7572407	3	2.5	1
01-DU-256	27B	19	412177	7569940	3	2.5	0.5
01-DU-257	27B	19	408490	7568290	2	2.5	0.5
01-DU-259	27B	19	410390	7588054	4	2.5	0.5
01-DU-260	27B	19	410642	7590009	3	2.5	1
01-DU-261	27B	19	395549	7607767	3	2.5	3
01-DU-262	27B	19	404027	7606571	2	2.5	1
01-DU-263	27B	19	396489	7585422	2	2.5	0.5
01-DU-264	27B	19	380418	7596500	2	2.5	1
01-DU-265	27B	19	385061	7602536	3	2.5	3
01-DU-266	27B	19	379863	7590995	2	2.5	0.5
01-DU-267	27B	19	384303	7594363	3	2.5	0.5
01-DU-268	27B	19	397735	7550231	1	2.5	0.5
01-DU-269	27B	19	403761	7549345	0.5	2.5	0.5
01-DU-270	27B	19	399352	7575968	0.5	2.5	0.5
01-DU-271	27B	19	394391	7561409	3	2.5	1
01-DU-272	27B	19	392962	7576337	0.5	2.5	0.5
01-DU-273	27B	19	391000	7584000	1	2.5	1
01-DU-285	27B	19	393421	7590467	0.5	2.5	0.5
01-DU-286	27B	19	378250	7554189	0.5	2.5	0.5
01-DU-287	27B	19	380951	7550651	0.5	6	0.5
01-DU-288	27B	19	388156	7570863	1	2.5	0.5
01-DU-289	27B	19	392223	7569462	1	2.5	1
01-DU-290	27B	19	386514	7575130	1	2.5	0.5
01-DU-291	27B	19	377504	7579920	2	2.5	1
01-DU-292	27B	19	378239	7583461	2	2.5	1
01-DU-513	37A	18	540922	7609240	3	2.5	2
01-DU-514	37A	18	523226	7614432	5	2.5	1
01-DU-524	37A	18	585209	7561145	6	2.5	0.5
01-DU-525	37A	18	603489	7546567	1	2.5	0.5
01-DU-526	37A	18	617859	7549710	2	2.5	0.5
01-DU-527	37A	18	600862	7563331	1	2.5	0.5
01-DU-528	37A	18	622000	7565000	2	2.5	0.5

Appendix III - Gold and Platinum group elements, <0.063 mm, ICP-AES

Sample	NTS	Zone	East	North	Au (ppb)	Pt (ppb)	Pd (ppb)
01-DU-529	37A	18	554921	7609877	1	2.5	0.5
01-DU-530	37A	18	552539	7599715	2	2.5	1
01-DU-531	37A	18	572955	7578682	1	2.5	0.5
01-DU-532	37A	18	577290	7584383	2	2.5	1
01-DU-569	37D	18	524000	7744000	0.5	2.5	0.5
01-DU-590	37A	18	617099	7598450	9	2.5	1
01-DU-591	37A	18	620800	7594500	1	2.5	0.5
01-DU-592	37A	18	618566	7574790	1	2.5	0.5
01-DU-593	37A	18	605964	7597620	5	2.5	2
01-DU-594	37A	18	595131	7603595	5	2.5	2
01-DU-595	37A	18	608442	7575875	1	2.5	0.5
01-DU-596	37A	18	604250	7586429	1	2.5	1
01-DU-597	37A	18	587026	7592511	2	2.5	1
01-DU-635	37A	18	572049	7616528	5	2.5	1
01-DU-636	37A	18	572587	7616404	3	2.5	1
01-DU-637	37A	18	572947	7607910	5	2.5	6
01-DU-638	37A	18	574667	7598479	2	2.5	3
01-DU-639	37A	18	581502	7604443	6	2.5	3
01-DU-640	37A	18	594020	7607765	5	5	2
01-DU-641	37A	18	611822	7601702	6	2.5	3
01-DU-642	37A	18	615721	7600988	1	2.5	1
01-DU-643	37A	18	617916	7610058	2	2.5	2
01-DU-644	37A	18	613171	7614866	7	2.5	2
01-DU-672	27B	19	404401	7592049	1	2.5	0.5
01-DU-673	27B	19	402820	7588680	1	2.5	0.5
01-DU-674	27B	19	401789	7579586	3	2.5	2
01-DU-675	27B	19	402442	7576499	0.5	2.5	0.5
01-DU-676	27B	19	405983	7578218	0.5	2.5	0.5
01-DU-677	27B	19	408606	7575401	1	2.5	0.5
01-DU-678	27B	19	413032	7584741	3	2.5	1
01-DU-679	27B	19	410736	7585367	2	2.5	0.5
01-DU-680	27B	19	395337	7601972	2	2.5	1
01-DU-681	27B	19	390798	7603998	3	2.5	2
01-DU-682	27B	19	397334	7588236	2	2.5	1
01-DU-683	27B	19	380578	7606324	11	2.5	4
01-DU-684	27B	19	377949	7600064	8	2.5	1
01-DU-685	27B	19	391186	7595181	1	2.5	0.5
01-DU-686	27B	19	386886	7588717	1	2.5	0.5
01-DU-687	27B	19	401588	7559384	1	2.5	0.5
01-DU-689	27B	19	391095	7552299	1	2.5	0.5
01-DU-690	27B	19	389270	7557083	0.5	2.5	0.5
01-DU-691	27B	19	386747	7629592	1	2.5	1
01-DU-692	27B	19	390443	7625313	19	2.5	1
01-DU-693	27B	19	397936	7594660	2	2.5	0.5
01-DU-694	27B	19	392516	7591358	1	2.5	0.5
01-DU-695	27B	19	379704	7563156	1	2.5	0.5
01-DU-696	27B	19	382856	7568008	0.5	2.5	0.5
01-DU-697	27B	19	388153	7567698	1	2.5	0.5
01-DU-698	27B	19	377734	7575264	1	2.5	0.5
01-DU-699	27B	19	383405	7574925	1	2.5	1
01-DU-700	27B	19	378766	7578711	1	2.5	1
02-DU-1004	27B	19	382379	7611770	13	2.5	2
02-DU-1005	27B	19	383569	7616664	9	2.5	3
02-DU-1006	27B	19	390892	7612323	3	2.5	3
02-DU-1007	27B	19	393686	7617092	7	2.5	3
02-DU-1029	27B	19	428225	7608662	3	2.5	2
02-DU-1041	27B	19	405077	7596759	3	2.5	1
02-DU-1044	27B	19	418696	7615084	2	2.5	2
02-DU-1048G	27B	19	415675	7564518	5	2.5	10
02-DU-1069G	27B	19	458048	7582405	12	2.5	7
02-DU-1143G	27C	19	407821	7717856	2	2.5	4
02-DU-1518	27C	19	429747	7617714	5	2.5	3
02-DU-1519	27C	19	432123	7611320	2	2.5	2
02-DU-1520	27C	19	423949	7605035	2	2.5	1
02-DU-1528	27C	19	419295	7604682	3	2.5	1
02-DU-1545G	27B	19	458828	7576308	33	2.5	40

Appendix IV: Basic statistics and percentiles for elements analysed by ICP-AES

Note: Numbers to the right of the frequency histogram are high values not shown by bars.

Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SILVER

Ag (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.2 ppm	

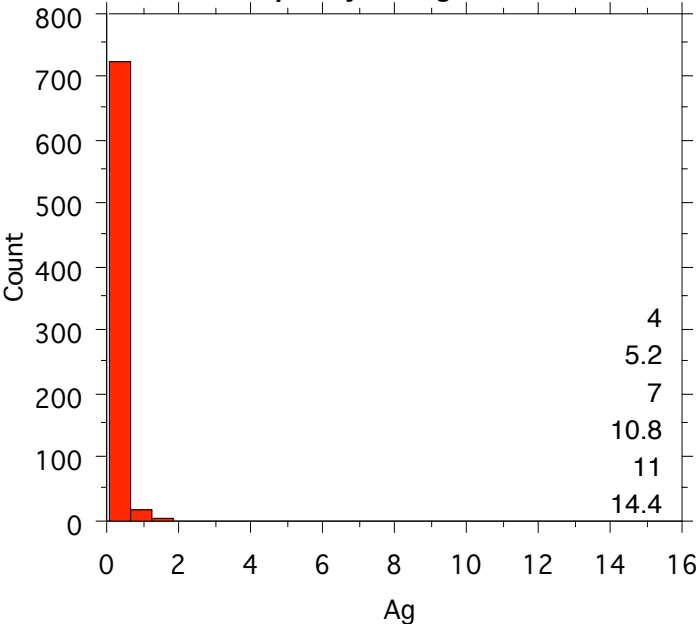
Descriptive Statistics

Count:	753
Mean:	0.2
Median:	0.1
Mode:	0.1
Standard deviation:	0.85
Variance:	0.72
Coeff. var:	3.8
Skewness:	12.45
Kurtosis:	171.7

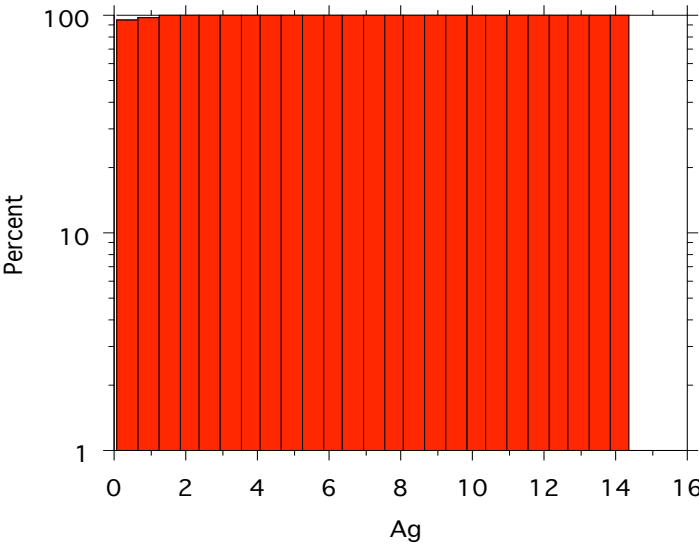
Percentiles

maximum	14.4
99th percentile	2.0
97th percentile	0.8
95th percentile	0.6
90th percentile	0.2
75th percentile	<0.2
50th percentile	<0.2
25th percentile	<0.2
10th percentile	<0.2
minimum	<0.2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ALUMINUM

Al (%)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 0.01%

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

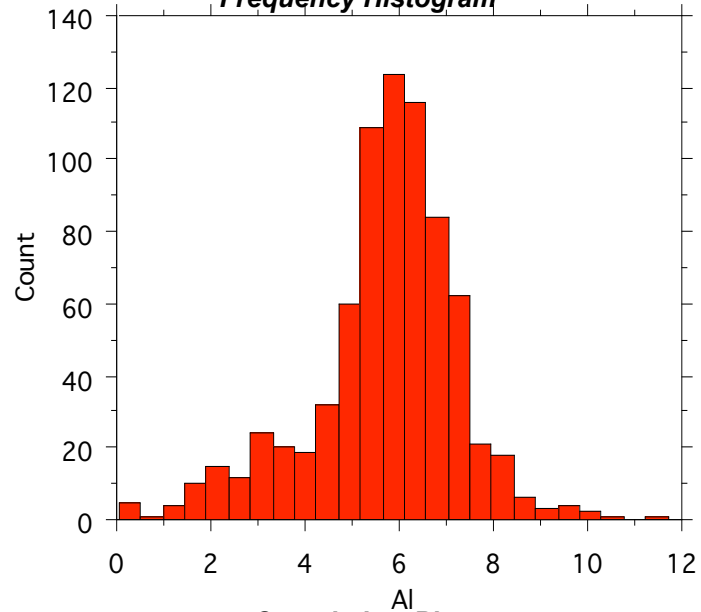
Descriptive Statistics

Count:	753
Minimum:	0.05
Maximum:	10.35
Mean:	5.70
Median:	5.89
Mode:	5.93
Standard deviation:	1.56
Variance:	2.45
Coeff. variation:	0.27
Skewness:	-0.66
Kurtosis:	1.48

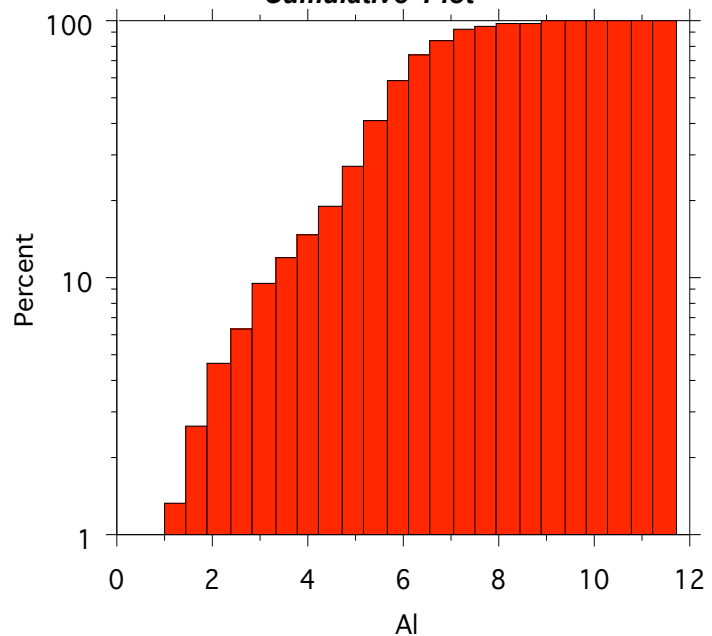
Percentiles

maximum	11.70
99th percentile	9.48
97th percentile	8.20
95th percentile	7.86
90th percentile	7.30
75th percentile	6.63
50th percentile	5.89
25th percentile	5.09
10th percentile	3.46
minimum	0.05

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ARSENIC

As (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	2 ppm	

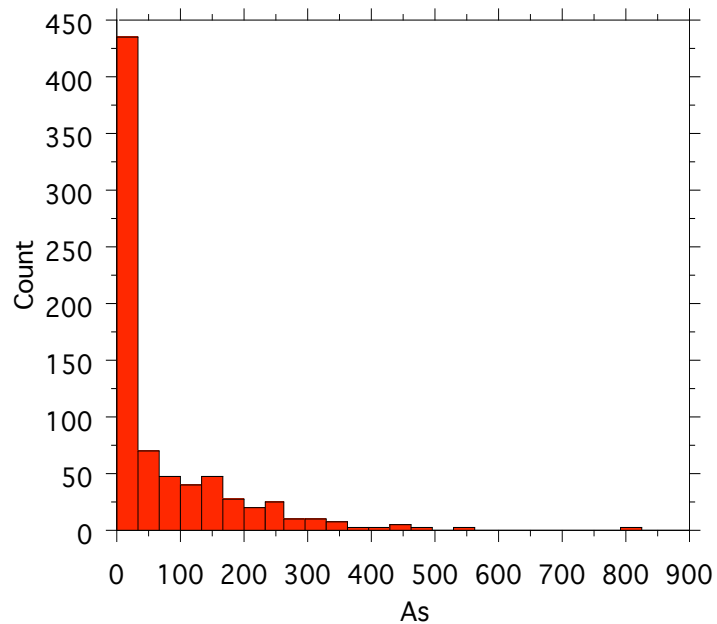
Descriptive Statistics

Count:	753
Mean:	70
Median:	12
Mode:	1
Standard deviation:	107.97
Variance:	11658
Coeff. var:	1.54
Skewness:	2.41
Kurtosis:	8.25

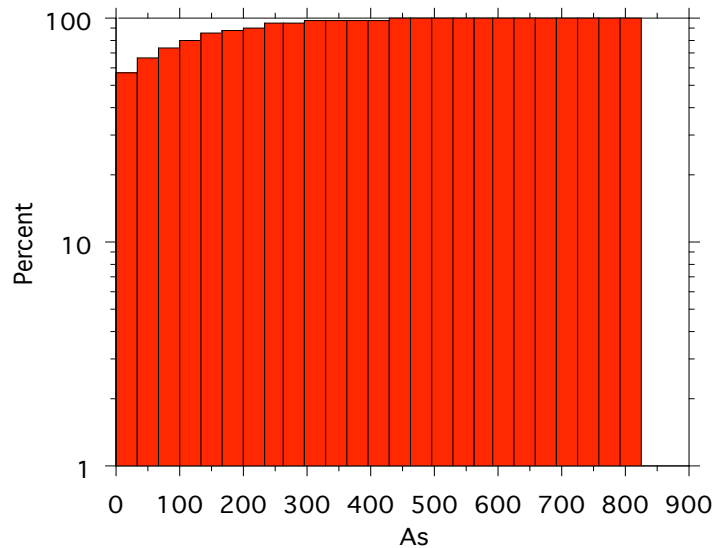
Percentiles

maximum	824
99th percentile	480
97th percentile	342
95th percentile	274
90th percentile	217
75th percentile	105
50th percentile	12
25th percentile	<2
10th percentile	<2
mimimum	<2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BORON

B (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

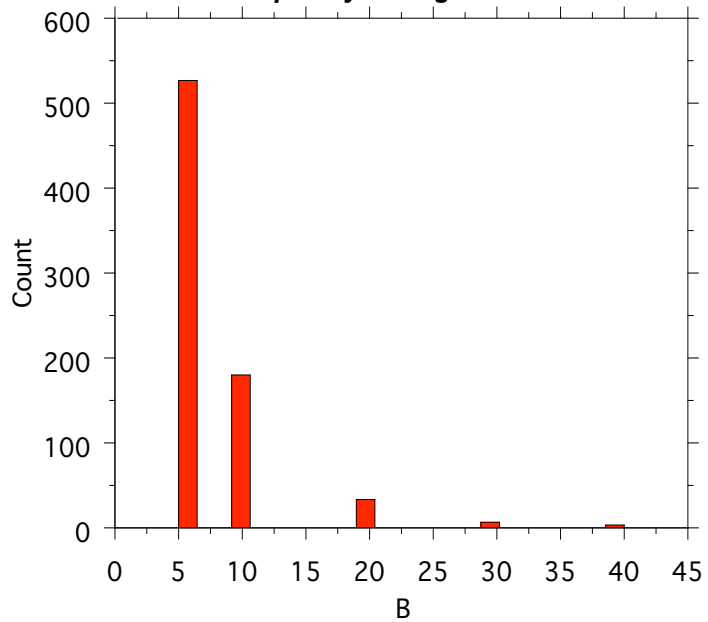
Descriptive Statistics

Count: 753
Minimum: <10
Maximum: 40
Mean: 7
Median: 5
Mode: 5
Standard deviation: 4.59
Variance: 21.08
Coeff. var: 0.63
Skewness: 3.20
Kurtosis: 13.10

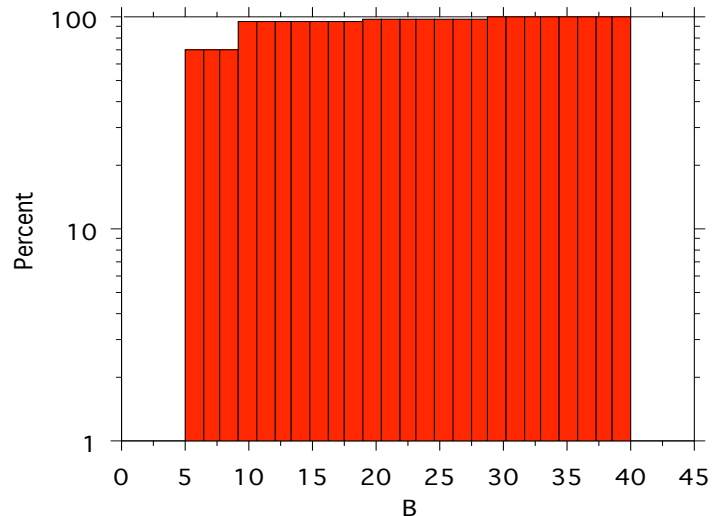
Percentiles

maximum 40
99th percentile 30
97th percentile 20
95th percentile 20
90th percentile 10
75th percentile <10
50th percentile <10
25th percentile <10
10th percentile <10
mimimum <10

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BARIUM

Ba (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

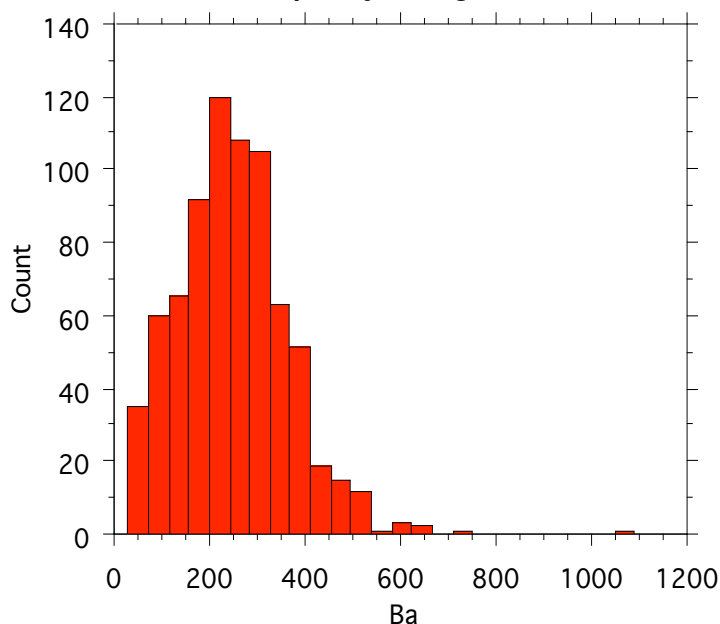
Descriptive Statistics

Count: 753
Mean: 249
Median: 250
Mode: 260
Standard deviation: 116.50
Variance: 13572.00
Coeff. var: 0.47
Skewness: 0.92
Kurtosis: 3.57

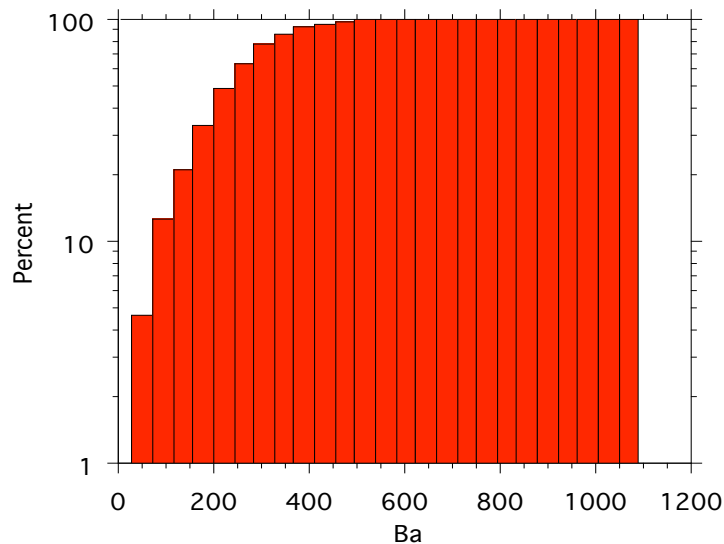
Percentiles

maximum 1090
99th percentile 540
97th percentile 490
95th percentile 450
90th percentile 390
75th percentile 320
50th percentile 250
25th percentile 170
10th percentile 100
mimimum 30

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BERYLLIUM

Be (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.5 ppm	

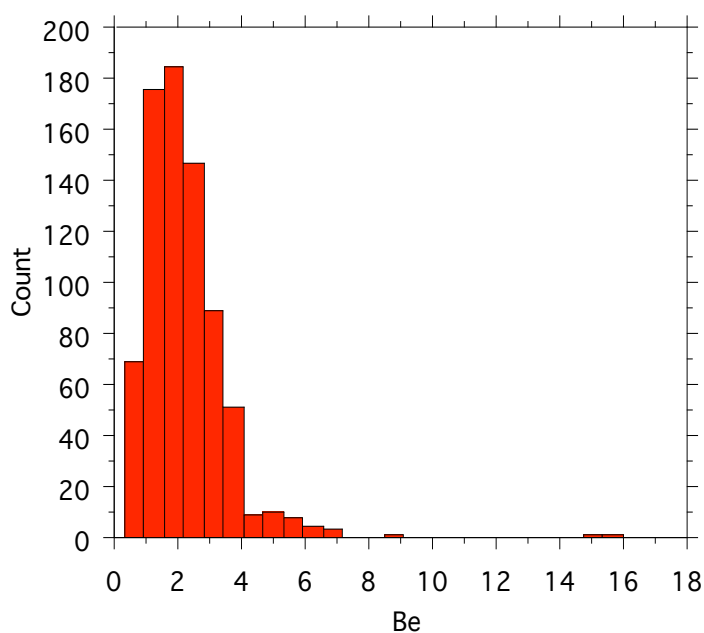
Descriptive Statistics

Count:	753
Mean:	2.2
Median:	2.0
Mode:	2.0
Standard deviation:	1.29
Variance:	1.68
Coeff. var:	0.58
Skewness:	3.60
Kurtosis:	29.81

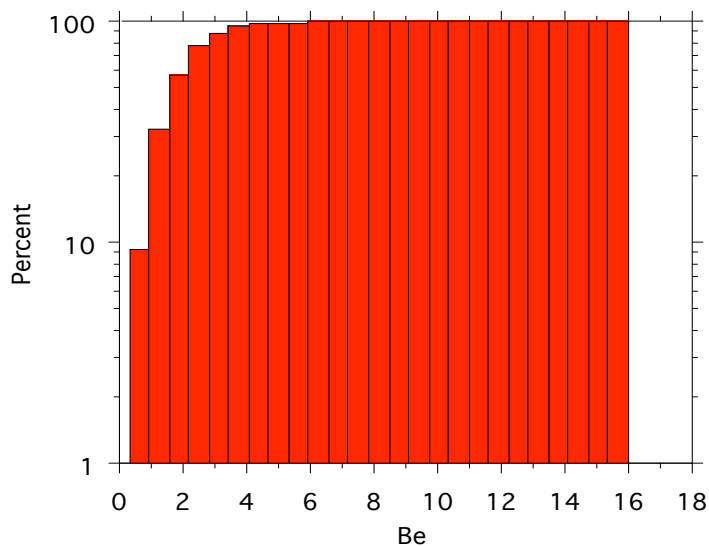
Percentiles

maximum	16.0
99th percentile	6.2
97th percentile	5.2
95th percentile	4.3
90th percentile	3.5
75th percentile	2.7
50th percentile	2.0
25th percentile	1.5
10th percentile	1.0
minimum	0.3

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BISMUTH

Bi (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 2 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

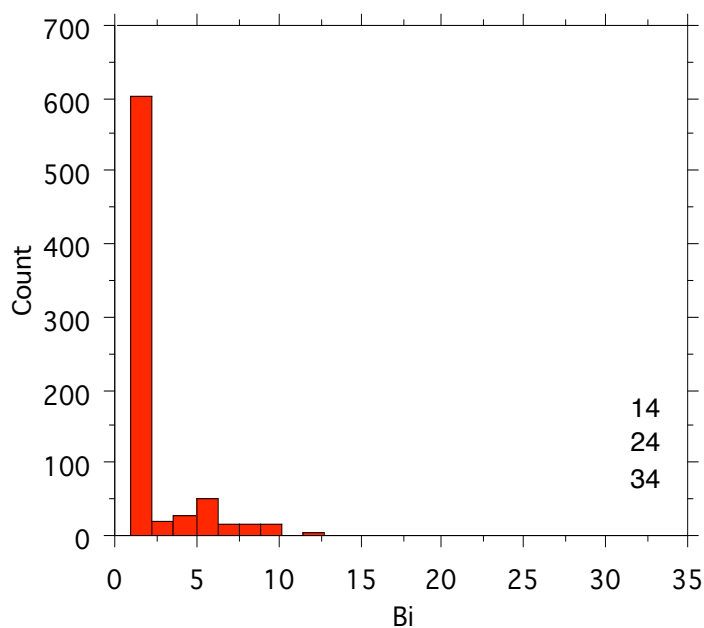
Descriptive Statistics

Count: 753
Mean: 2
Median: 1
Mode: 1
Standard deviation: 2.63
Variance: 6.95
Coeff. var: 1.22
Skewness: 4.44
Kurtosis: 35.54

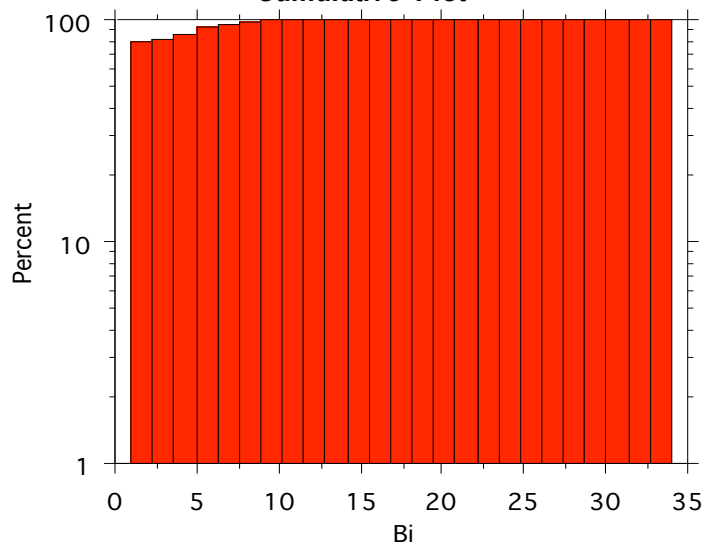
Percentiles

maximum 34
99th percentile 11
97th percentile 9
95th percentile 8
90th percentile 6
75th percentile 2
50th percentile <2
25th percentile <2
10th percentile <2
mimimum <2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CALCIUM

Ca (%)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.01%	

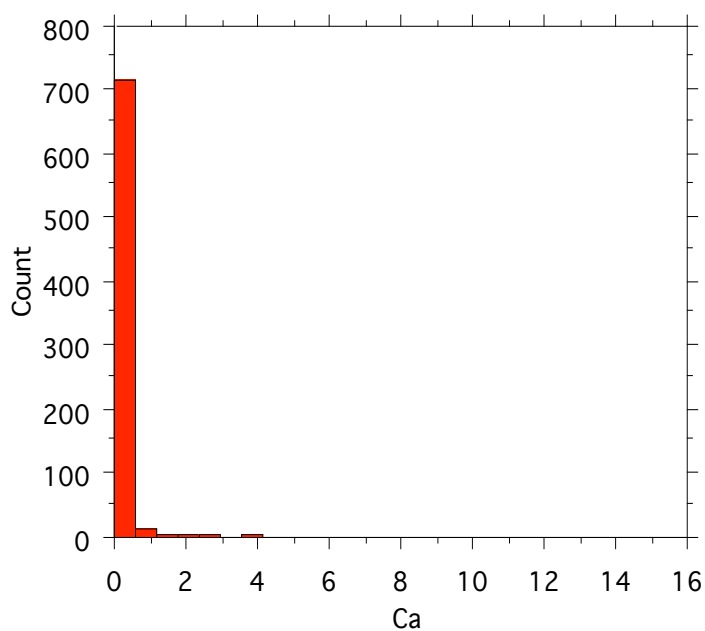
Descriptive Statistics

Count:	753
Mean:	0.27
Median:	0.13
Mode:	
Standard deviation:	0.91
Variance:	0.83
Coeff. var:	3.27
Skewness:	11.04
Kurtosis:	144.67

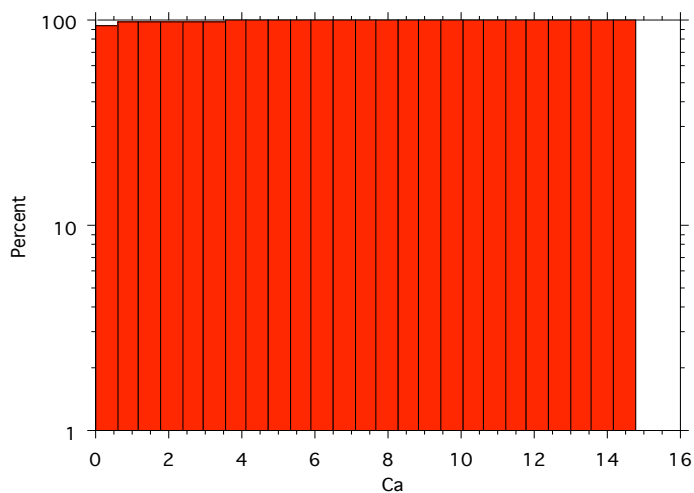
Percentiles

maximum	14.75
99th percentile	3.70
97th percentile	1.24
95th percentile	0.67
90th percentile	0.35
75th percentile	0.23
50th percentile	0.13
25th percentile	0.07
10th percentile	0.04
minimum	0.01

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CADMIUM

Cd (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 0.5 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

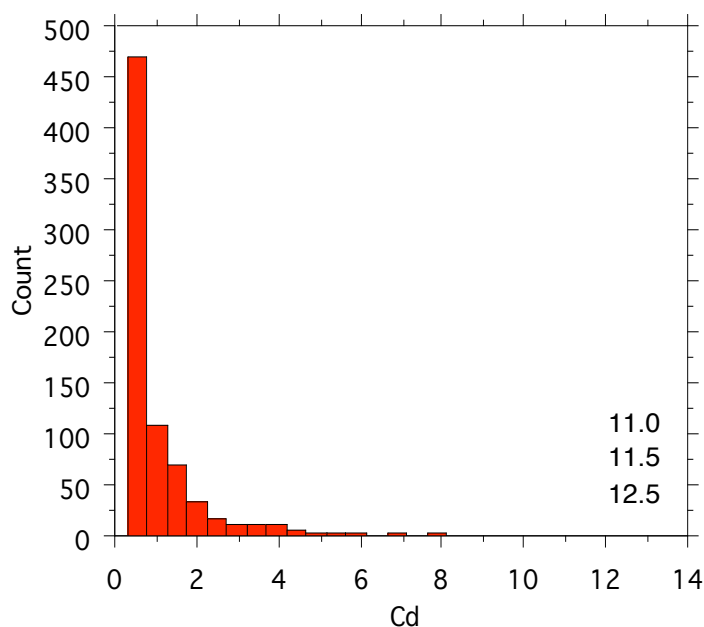
Descriptive Statistics

Count: 753
Mean: 1.0
Median: 0.5
Mode: 0.3
Standard deviation: 1.37
Variance: 1.88
Coeff. var: 1.35
Skewness: 3.95
Kurtosis: 20.97

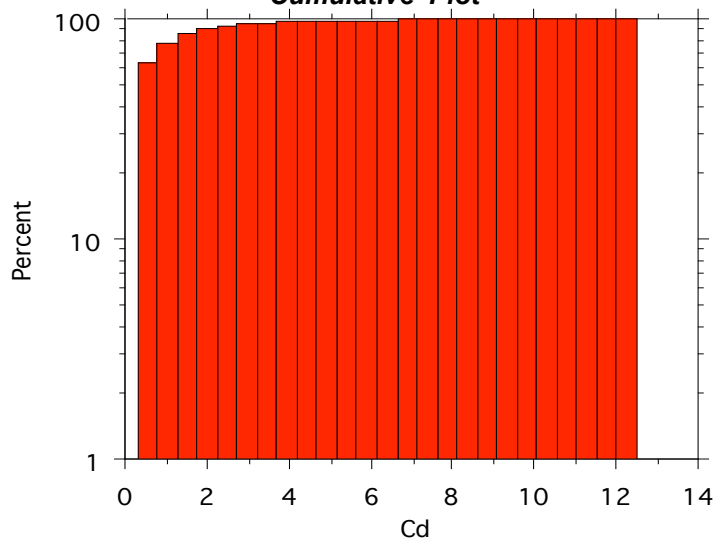
Percentiles

maximum 12.5
99th percentile 7.5
97th percentile 4.5
95th percentile 4.0
90th percentile 2.0
75th percentile 1.1
50th percentile 0.5
25th percentile <0.5
10th percentile <0.5
mimimum <0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

COBALT

Co (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

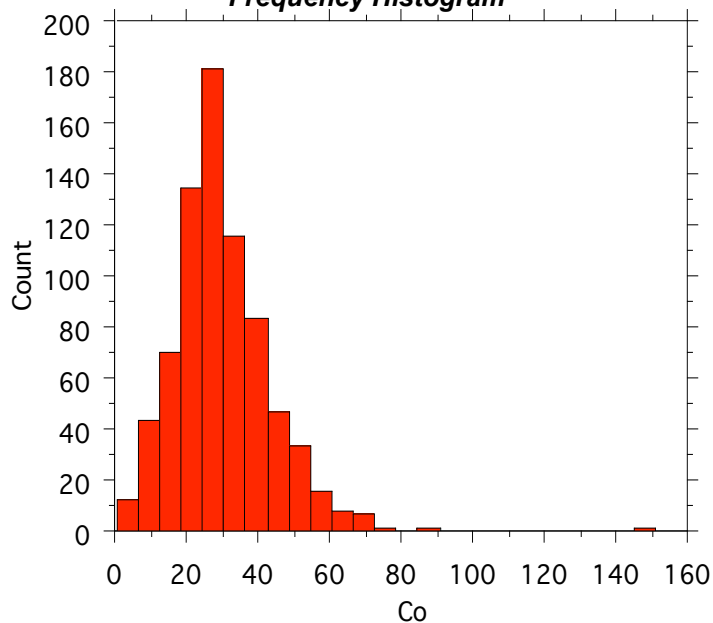
Descriptive Statistics

Count: 753
Mean: 30.0
Median: 29.0
Mode: 28.0
Standard deviation: 13.52
Variance: 182.84
Coeff. var: 0.45
Skewness: 1.48
Kurtosis: 8.62

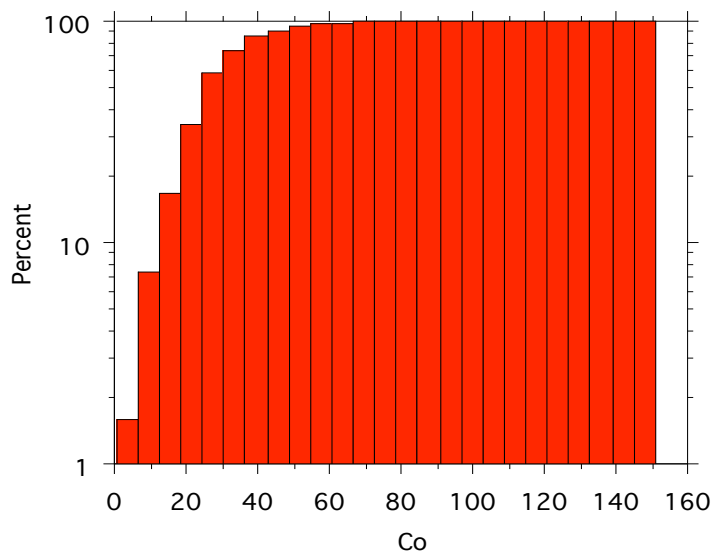
Percentiles

maximum 151
99th percentile 70
97th percentile 59
95th percentile 54
90th percentile 47
75th percentile 37
50th percentile 29
25th percentile 22
10th percentile 15
mimimum 1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CHROMIUM

Cr (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

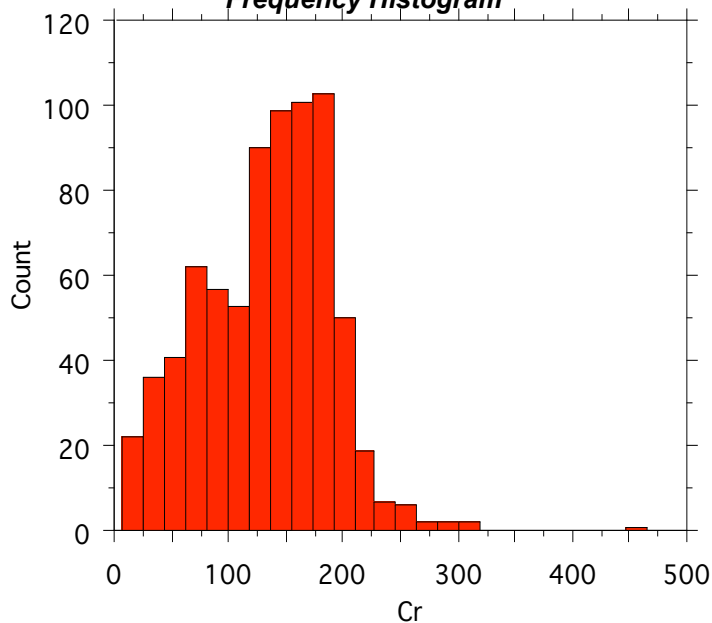
Descriptive Statistics

Count: 753
Mean: 133
Median: 139
Mode:
Standard deviation: 56.51
Variance: 3193.76
Coeff. var: 0.43
Skewness: 0.14
Kurtosis: 1.04

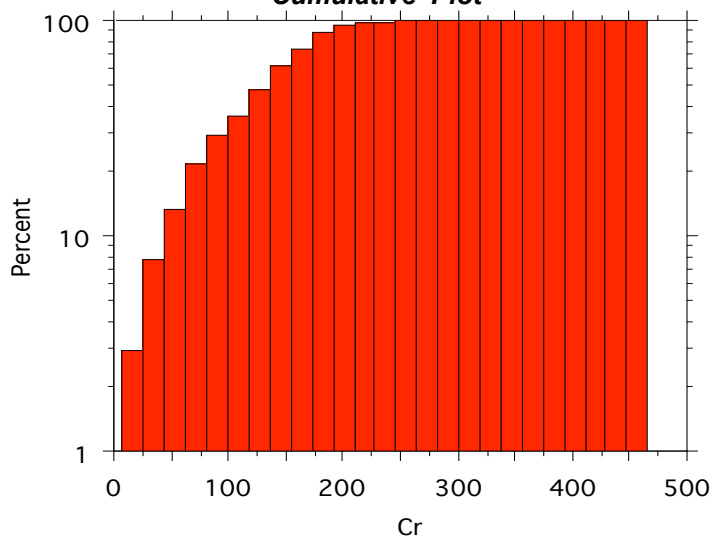
Percentiles

maximum 466
99th percentile 264
97th percentile 223
95th percentile 211
90th percentile 199
75th percentile 173
50th percentile 139
25th percentile 93
10th percentile 53
mimumum 8

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

COPPER

Cu (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

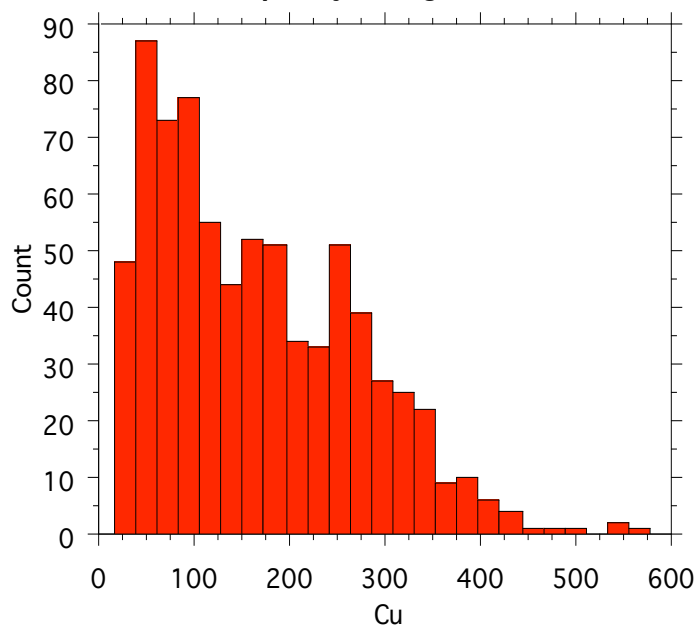
Descriptive Statistics

Count: 753
Mean: 165
Median: 145
Mode:
Standard deviation: 105.13
Variance: 11051.00
Coeff. var: 0.63
Skewness: 0.71
Kurtosis: -0.03

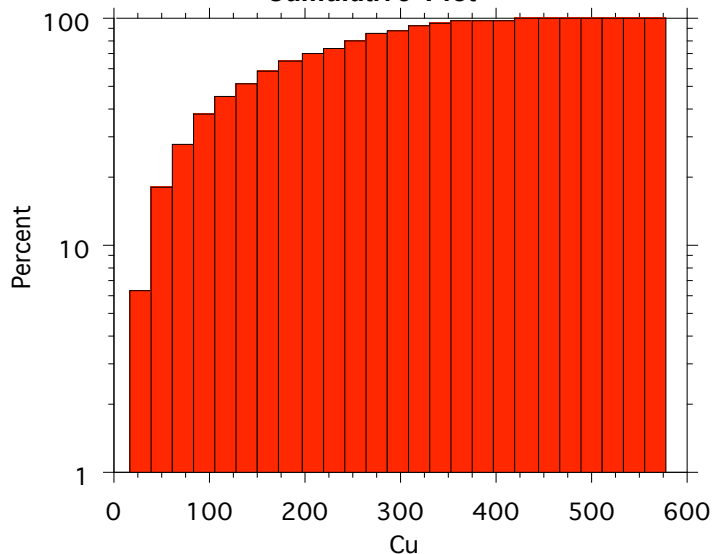
Percentiles

maximum 578
99th percentile 430
97th percentile 381
95th percentile 350
90th percentile 312
75th percentile 244
50th percentile 145
25th percentile 74
10th percentile 43
mimimum 16

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

IRON

Fe %

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.01%	

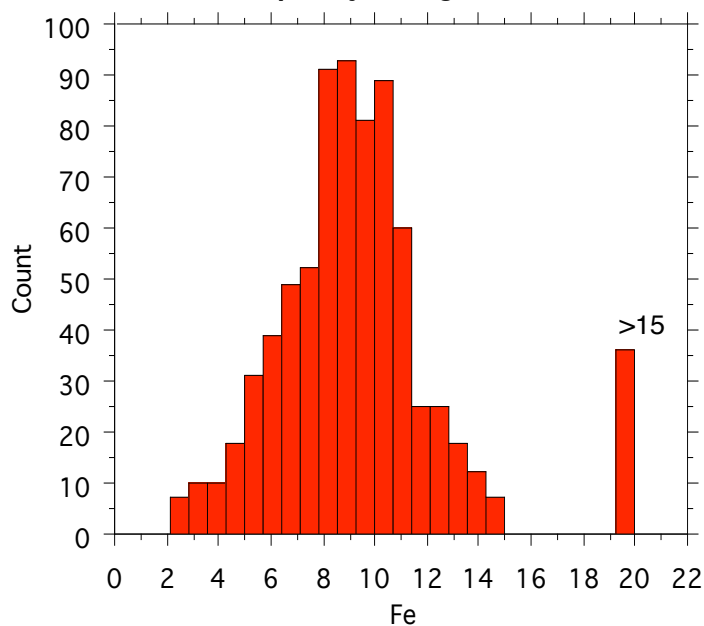
Descriptive Statistics

Count:	753
Mean:	9.39
Median:	9.08
Mode:	20.00
Standard deviation:	3.34
Variance:	11.21
Coeff. var:	0.35
Skewness:	1.22
Kurtosis:	2.70

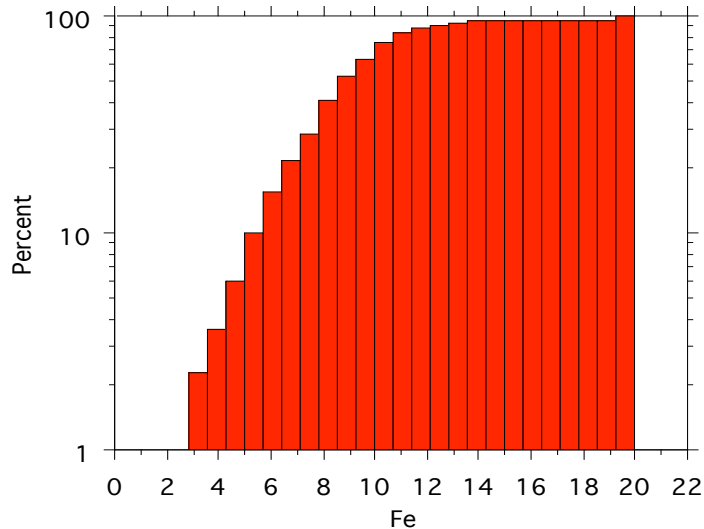
Percentiles

maximum	>15 (20)
99th percentile	20.00
97th percentile	20.00
95th percentile	20.00
90th percentile	12.80
75th percentile	10.65
50th percentile	9.08
25th percentile	7.44
10th percentile	5.68
minimum	2.13

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

GALLIUM

Ga (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

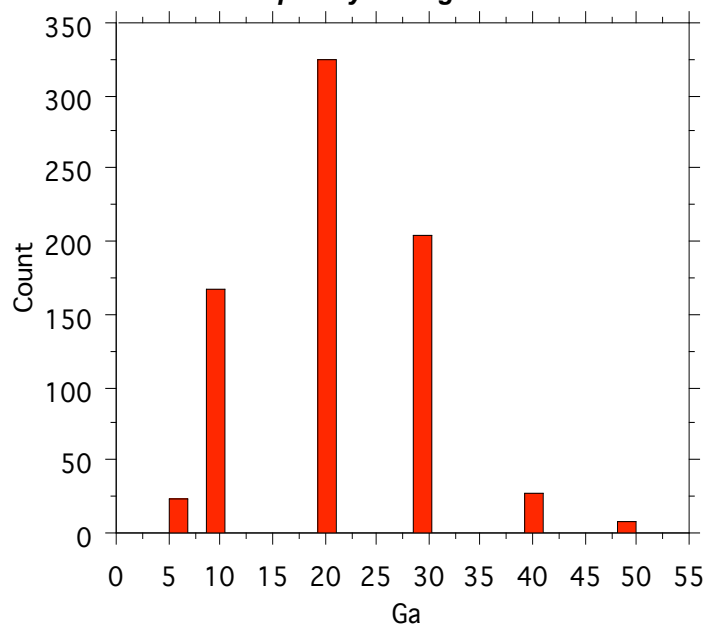
Descriptive Statistics

Count: 753
Mean: 21
Median: 20
Mode: 20
Standard deviation: 8.84
Variance: 78.23
Coeff. var: 0.42
Skewness: 0.35
Kurtosis: 0.06

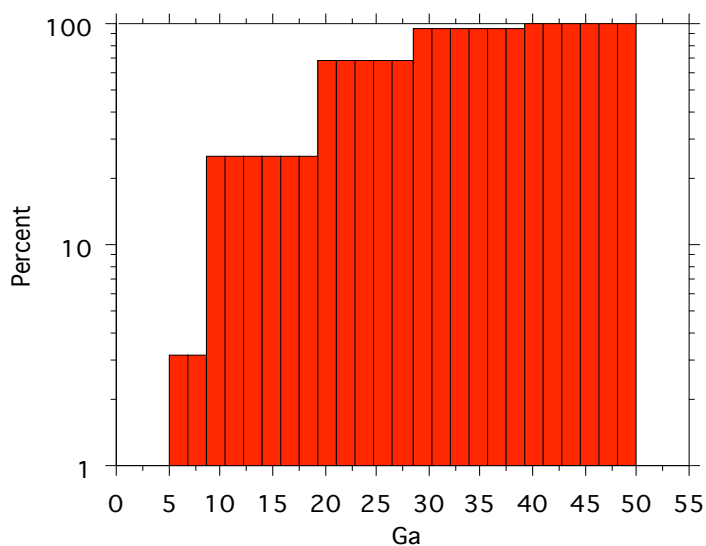
Percentiles

maximum 50
99th percentile 50
97th percentile 50
95th percentile 40
90th percentile 30
75th percentile 30
50th percentile 20
25th percentile 10
10th percentile 10
mimimum <10

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MERCURY

Hg (ppm)

Fraction: <0.002 mm
Method: CV-AAS
Detection limit: 0.01 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

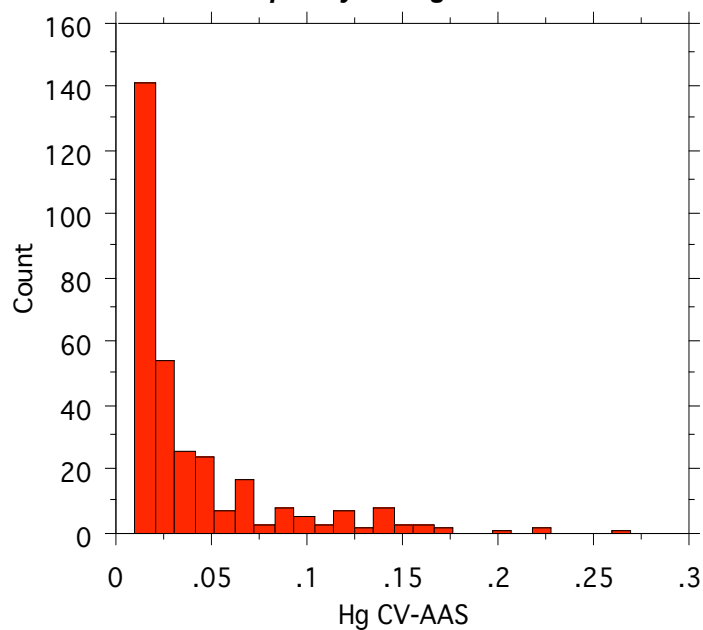
Descriptive Statistics

Count:	317
Mean:	0.0
Median:	0.0
Mode:	0.0
Standard deviation:	0.04
Variance:	0.00
Coeff. var:	0.99
Skewness:	2.04
Kurtosis:	4.66

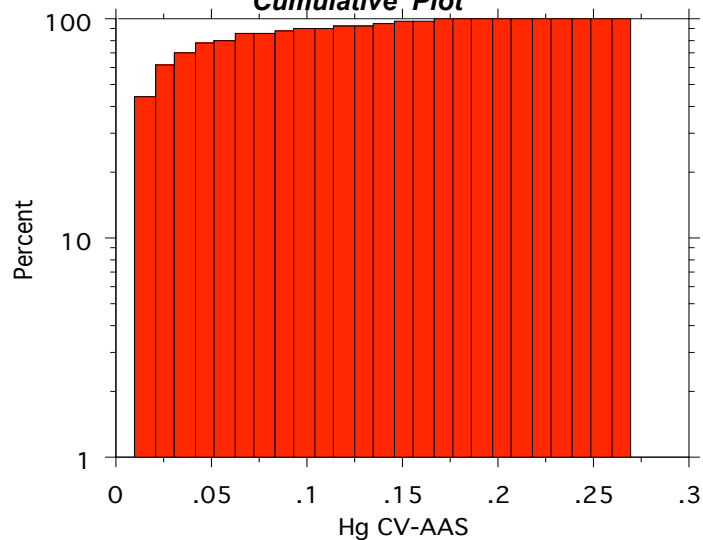
Percentiles

maximum	0.27
99th percentile	0.20
97th percentile	0.16
95th percentile	0.14
90th percentile	0.11
75th percentile	0.05
50th percentile	0.03
25th percentile	0.01
10th percentile	0.01
minimum	0.01

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MERCURY

Hg (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

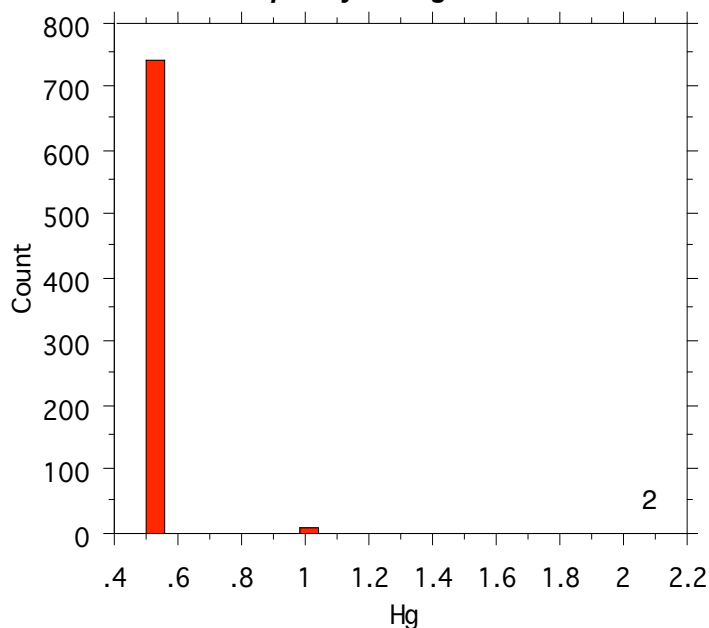
Descriptive Statistics

Count: 753
Mean: 0.5
Median: 0.5
Mode: 0.5
Standard deviation: 0.07
Variance: 0.01
Coeff. var: 0.14
Skewness: 13.60
Kurtosis: 227.96

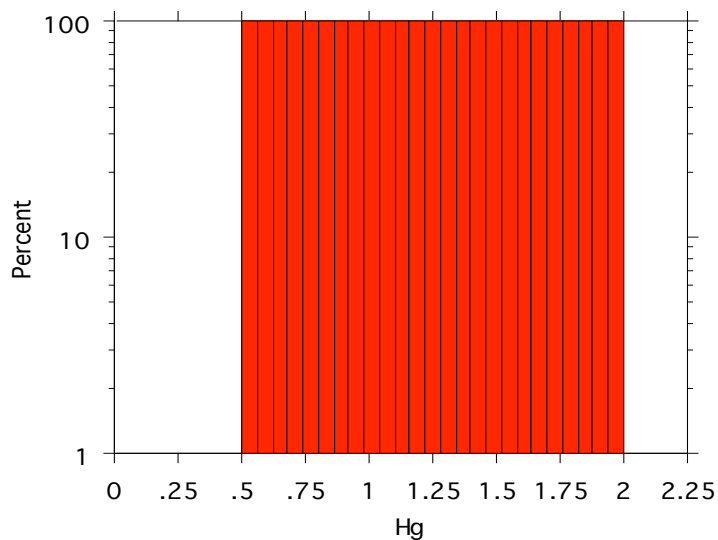
Percentiles

maximum 2
99th percentile 1
97th percentile <1
95th percentile <1
90th percentile <1
75th percentile <1
50th percentile <1
25th percentile <1
10th percentile <1
mimimum <1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

POTASSIUM

K (%)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 0.01%

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

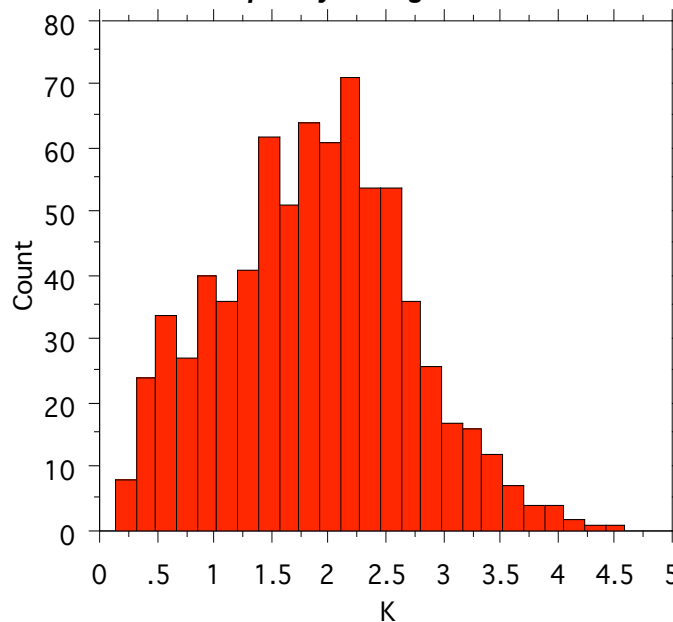
Descriptive Statistics

Count: 753
Mean: 1.87
Median: 1.89
Mode:
Standard deviation: 0.82
Variance: 0.67
Coeff. var: 0.43
Skewness: 0.15
Kurtosis: -0.29

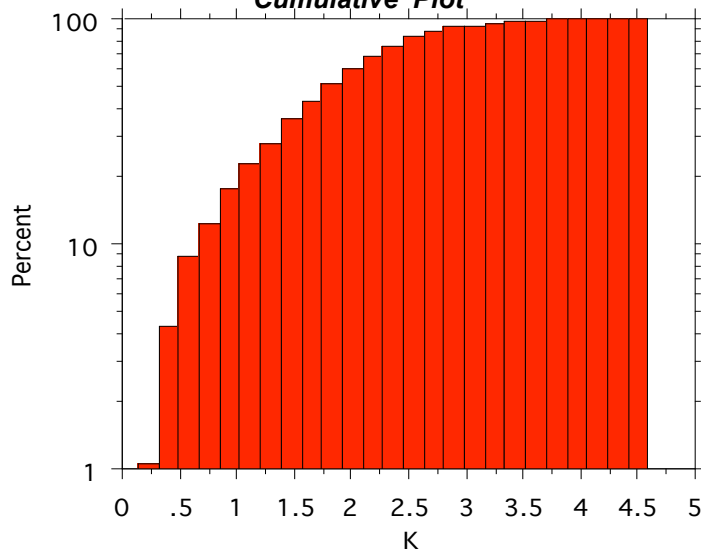
Percentiles

maximum 4.59
99th percentile 3.89
97th percentile 3.44
95th percentile 3.30
90th percentile 2.93
75th percentile 2.43
50th percentile 1.89
25th percentile 1.26
10th percentile 0.74
mimumum 0.14

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

LANTHANUM

La (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

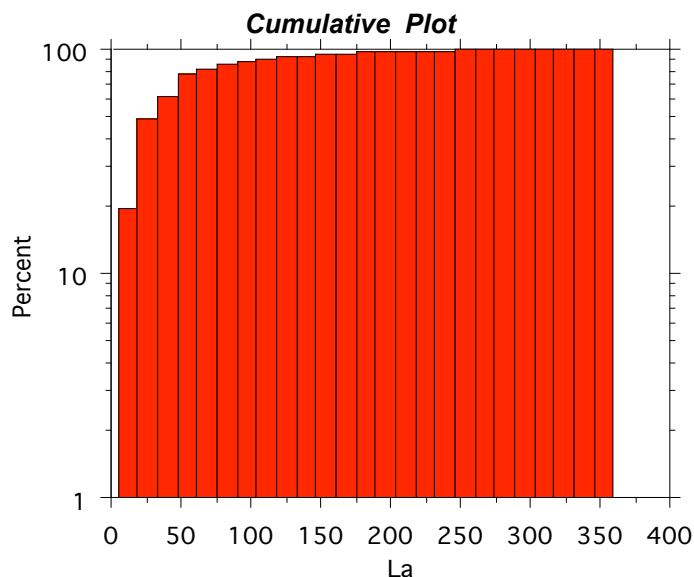
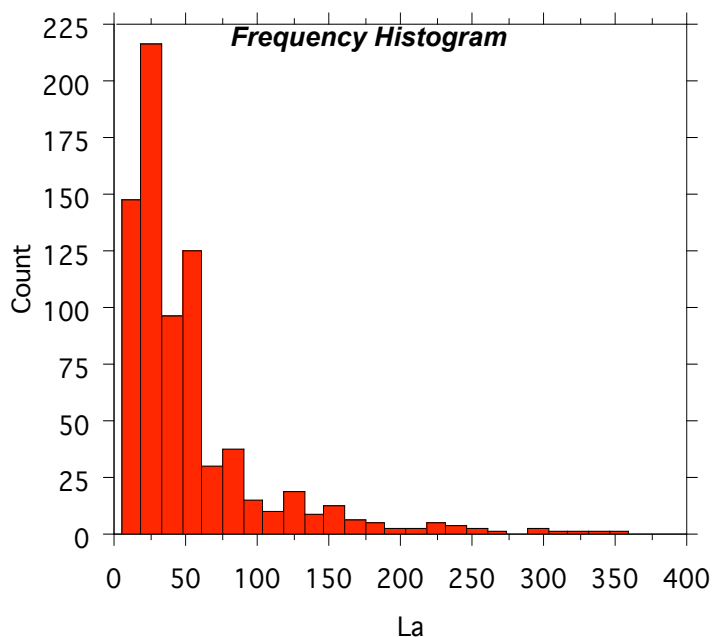
Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

Descriptive Statistics

Count: 753
Mean: 51
Median: 40
Mode: 30
Standard deviation: 52.28
Variance: 2734.09
Coeff. var: 1.00
Skewness: 2.48
Kurtosis: 7.64

Percentiles

maximum 360
99th percentile 270
97th percentile 200
95th percentile 170
90th percentile 113
75th percentile 60
50th percentile 40
25th percentile 20
10th percentile 10
mimumum <10



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MAGNESIUM

Mg (%)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 0.01%

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

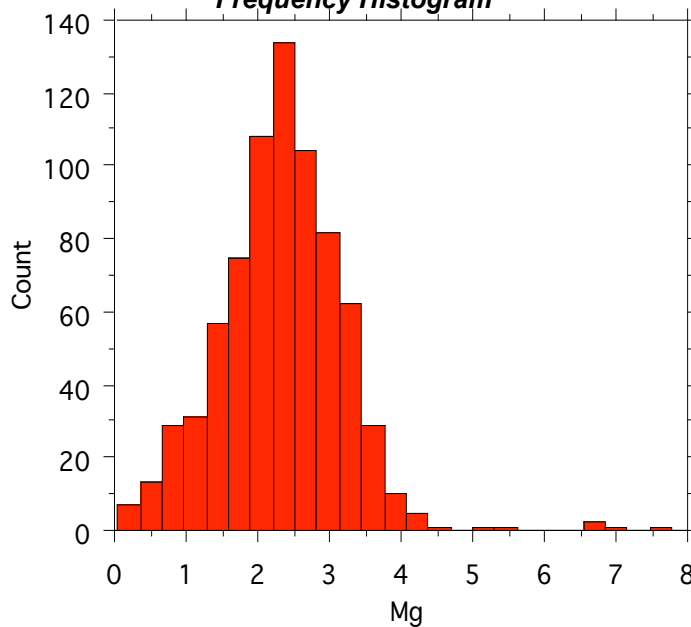
Descriptive Statistics

Count: 753
Mean: 1.86
Median: 1.60
Mode:
Standard deviation: 1.06
Variance: 1.14
Coeff. var: 0.57
Skewness: 0.90
Kurtosis: 1.71

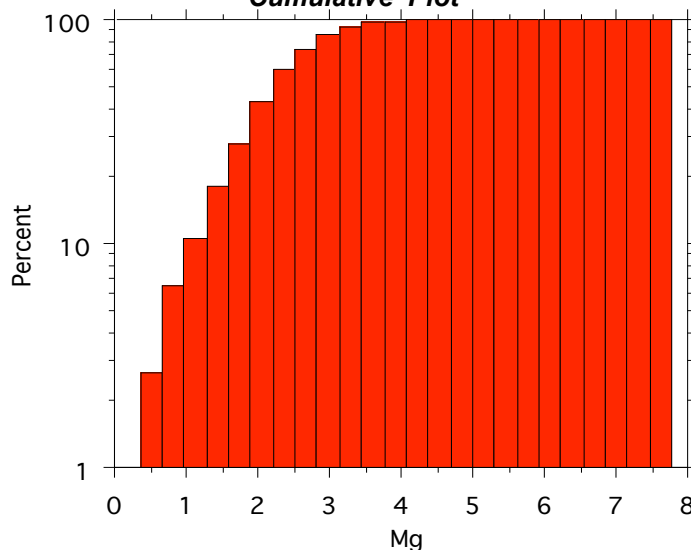
Percentiles

maximum 7.78
99th percentile 4.33
97th percentile 3.70
95th percentile 3.54
90th percentile 3.27
75th percentile 2.70
50th percentile 1.60
25th percentile 1.01
10th percentile 0.69
mimumum 0.05

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MANGANESE

Mn (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 5 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

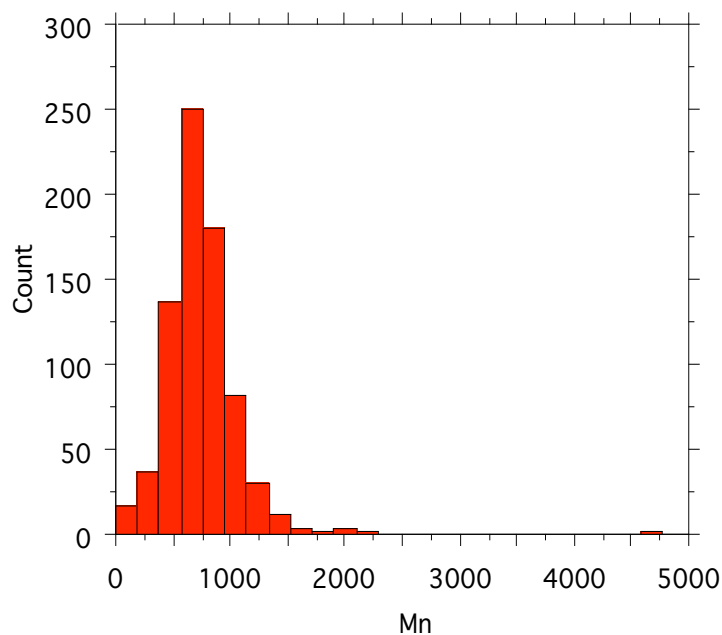
Descriptive Statistics

Count: 753
Mean: 743
Median: 725
Mode: 755
Standard deviation: 316.91
Variance: 10043.00
Coeff. var: 0.43
Skewness: 3.28
Kurtosis: 35.28

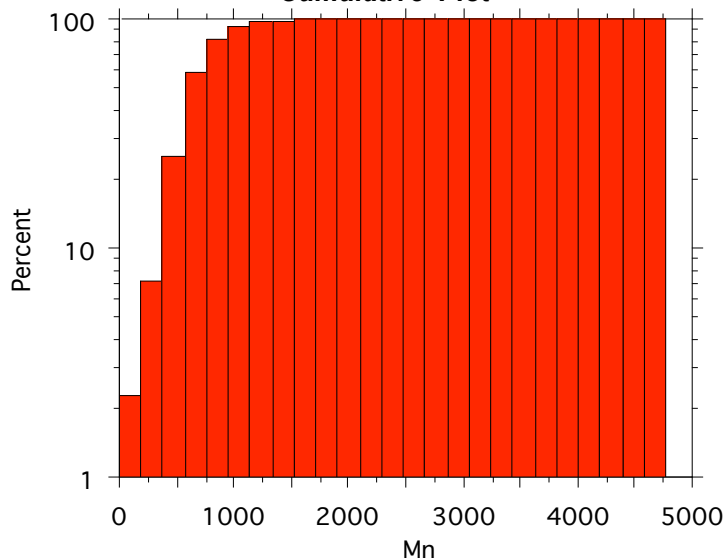
Percentiles

maximum 4770
99th percentile 1645
97th percentile 1320
95th percentile 1215
90th percentile 1090
75th percentile 875
50th percentile 725
25th percentile 570
10th percentile 429
mimimum 5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MOLYBDENUM

Mo (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

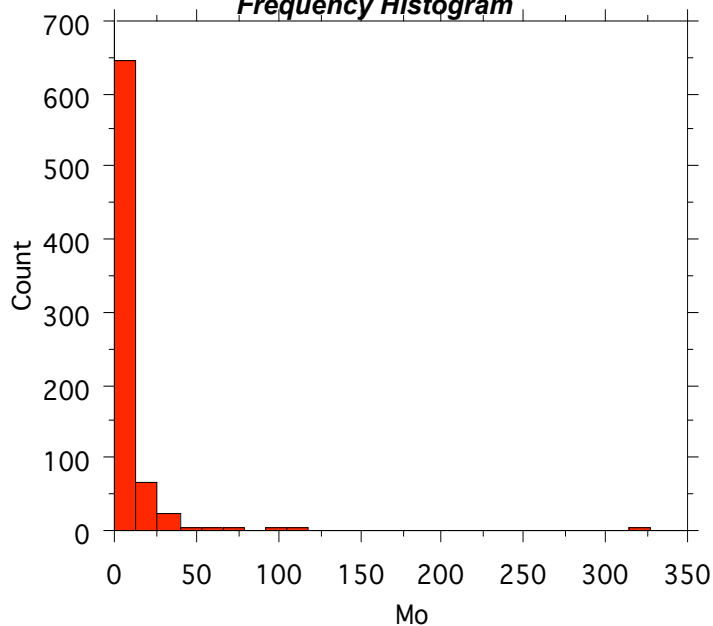
Descriptive Statistics

Count: 753
Mean: 9
Median: 5
Mode: 0.5
Standard deviation: 24.15
Variance: 583.44
Coeff. var: 2.59
Skewness: 9.17
Kurtosis: 103.22

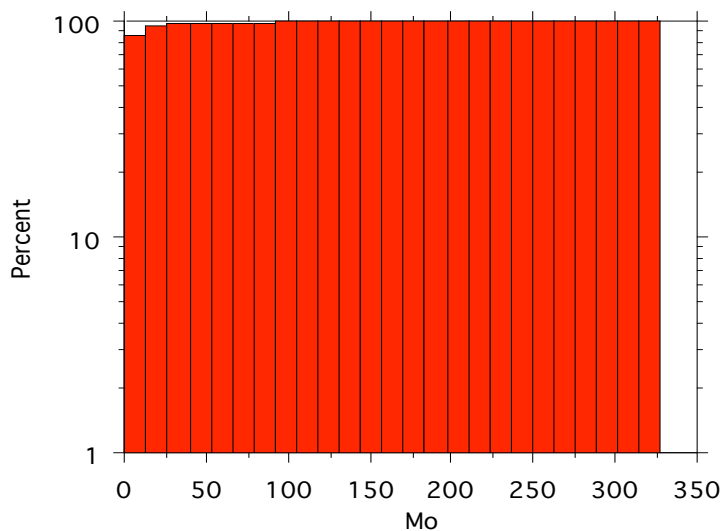
Percentiles

maximum 328
99th percentile 99
97th percentile 35
95th percentile 29
90th percentile 18
75th percentile 9
50th percentile 5
25th percentile <1
10th percentile <1
mimimum <1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SODIUM

Na (%)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.01%	

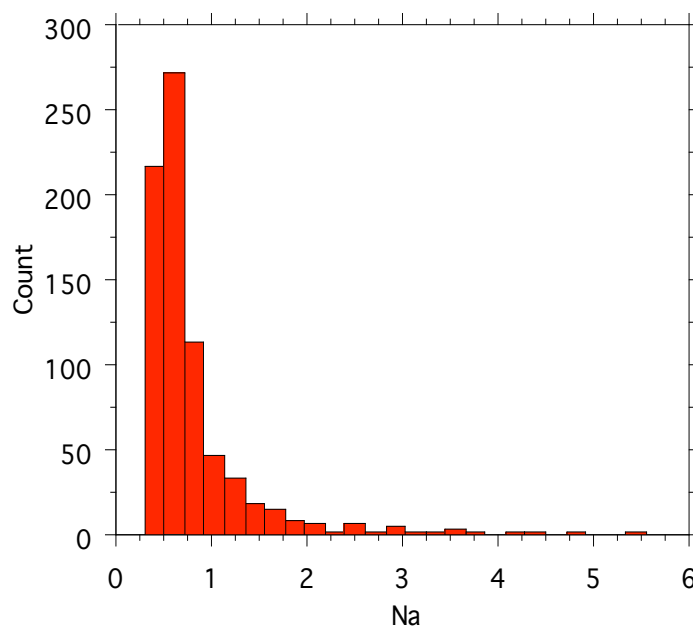
Descriptive Statistics

Count:	753
Mean:	0.79
Median:	0.60
Mode:	0.54
Standard deviation:	0.57
Variance:	0.33
Coeff. var:	0.73
Skewness:	3.59
Kurtosis:	17.15

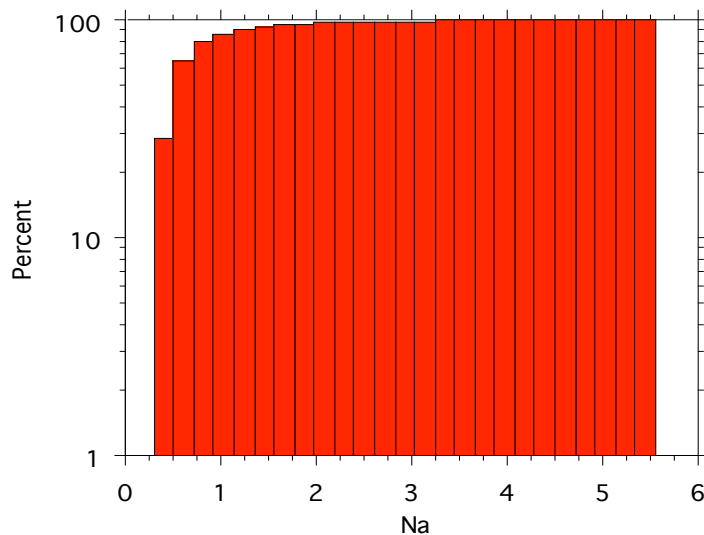
Percentiles

maximum	5.55
99th percentile	3.56
97th percentile	2.41
95th percentile	1.84
90th percentile	1.33
75th percentile	0.84
50th percentile	0.60
25th percentile	0.49
10th percentile	0.43
minimum	0.30

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

NICKEL

Ni (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

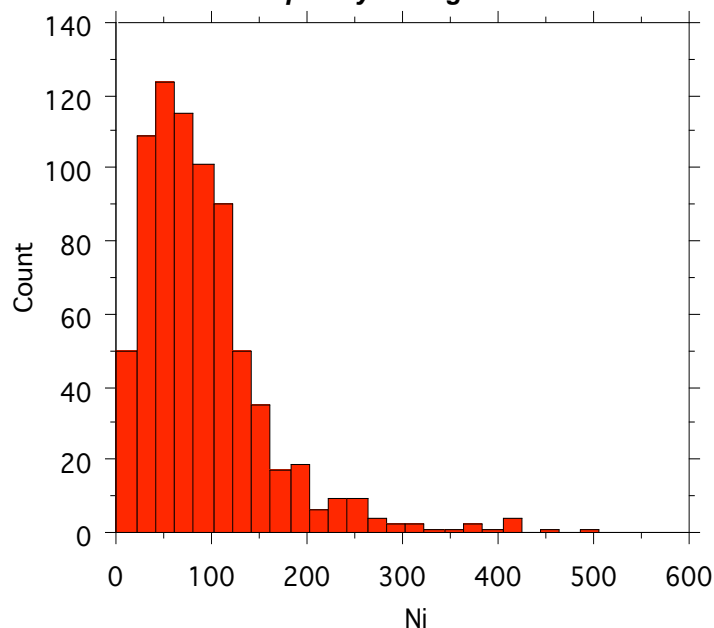
Descriptive Statistics

Count: 753
Mean: 90
Median: 77
Mode:
Standard deviation: 67.38
Variance: 4540.73
Coeff. var: 0.74
Skewness: 2.11
Kurtosis: 6.89

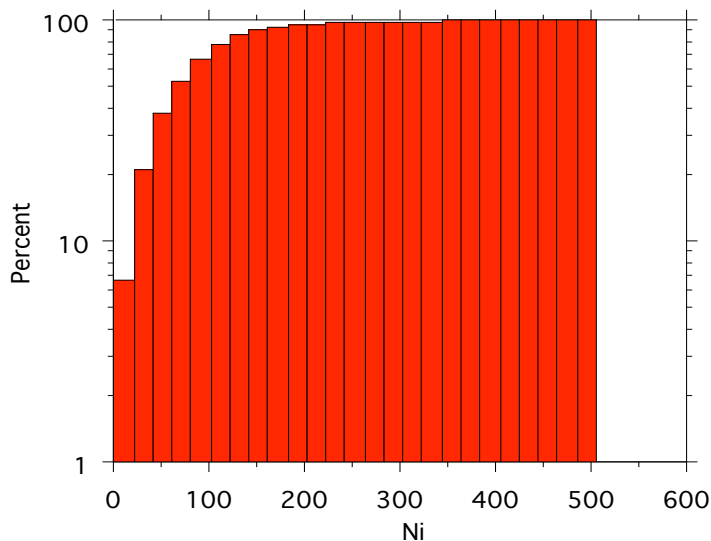
Percentiles

maximum 505
99th percentile 381
97th percentile 251
95th percentile 225
90th percentile 166
75th percentile 113
50th percentile 77
25th percentile 46
10th percentile 28
mimumum 1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

PHOSPHORUS

P (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 50 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

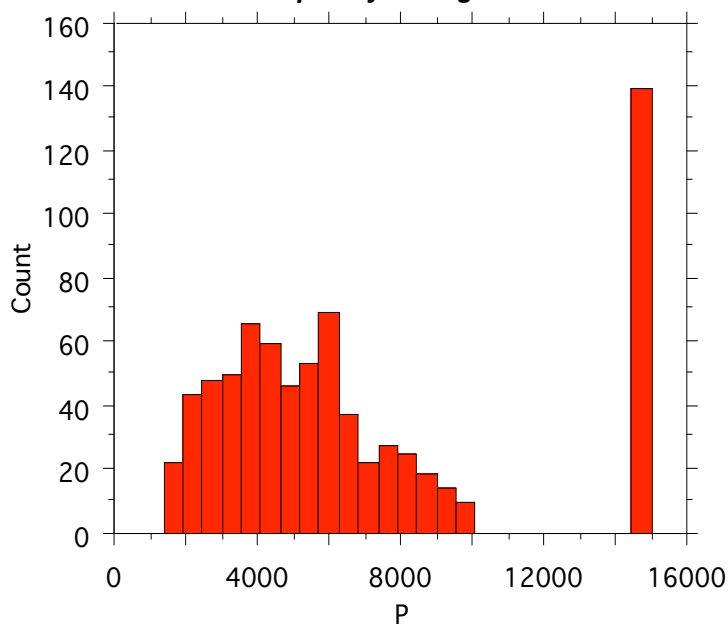
Descriptive Statistics

Count: 753
Mean: 6889
Median: 5610
Mode: 15000
Standard deviation: 4295.81
Variance: 18000.00
Coeff. var: 0.62
Skewness: 0.98
Kurtosis: -0.35

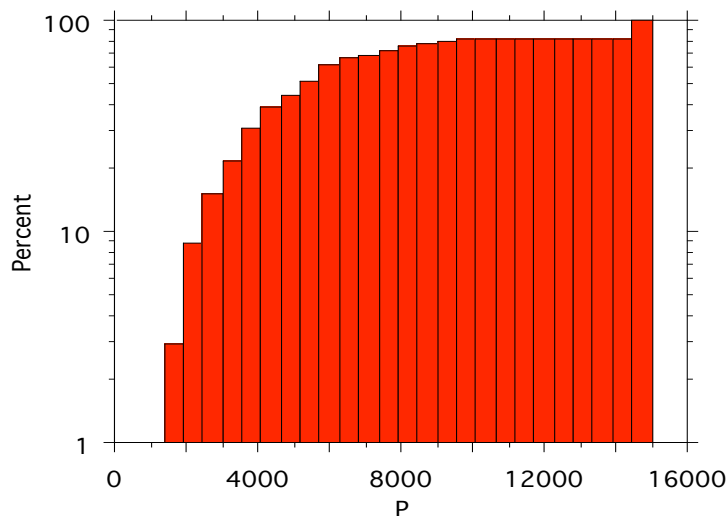
Percentiles

maximum >15000
99th percentile >15000
97th percentile >15000
95th percentile >15000
90th percentile >15000
75th percentile 8292
50th percentile 5610
25th percentile 3767
10th percentile 2548
mimumum 1380

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

LEAD

Pb (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	2 ppm	

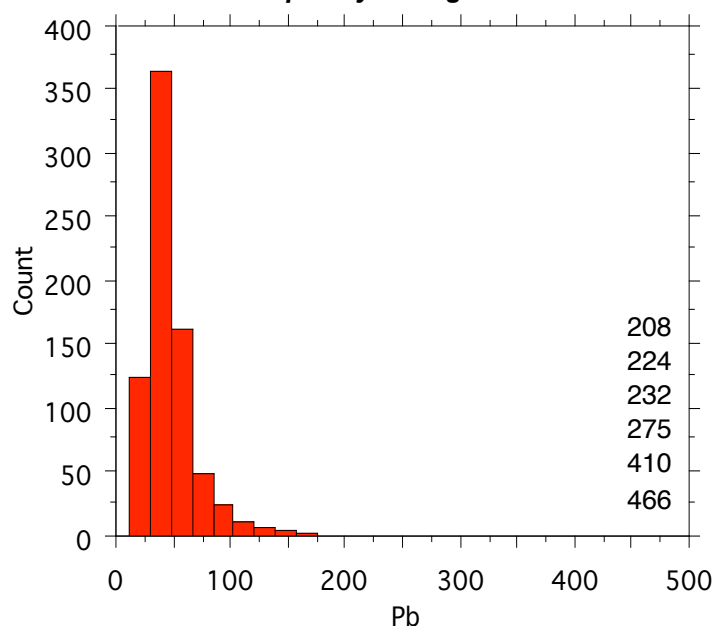
Descriptive Statistics

Count:	753
Mean:	49
Median:	42
Mode:	32
Standard deviation:	32.67
Variance:	1067.89
Coeff. var:	0.65
Skewness:	6.13
Kurtosis:	59.74

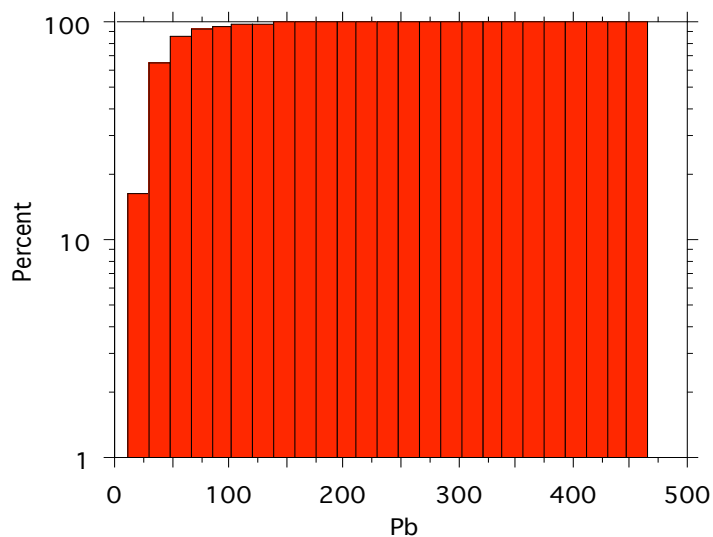
Percentiles

maximum	466
99th percentile	170
97th percentile	112
95th percentile	96
90th percentile	76
75th percentile	55
50th percentile	42
25th percentile	34
10th percentile	28
mimimum	12

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SULPHUR

S (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 0.01 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

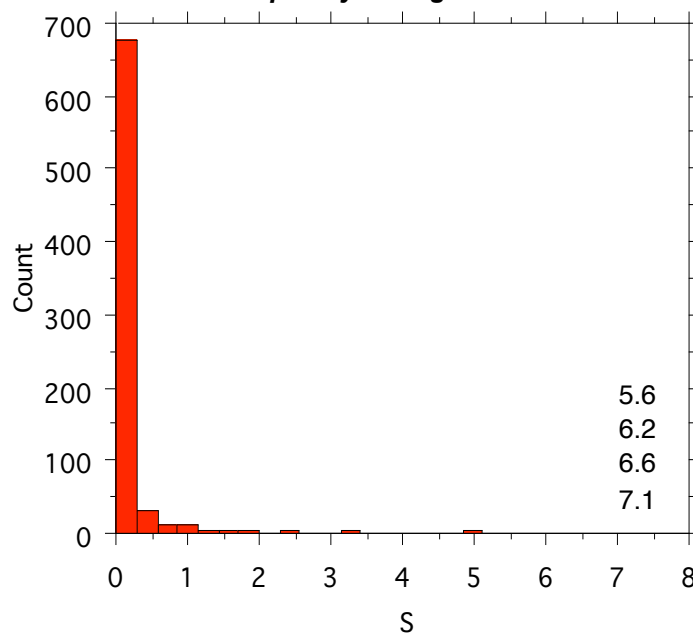
Descriptive Statistics

Count: 753
Mean: 0.18
Median: 0.04
Mode: 0.01
Standard deviation: 0.64
Variance: 0.41
Coeff. var: 3.41
Skewness: 7.11
Kurtosis: 58.28

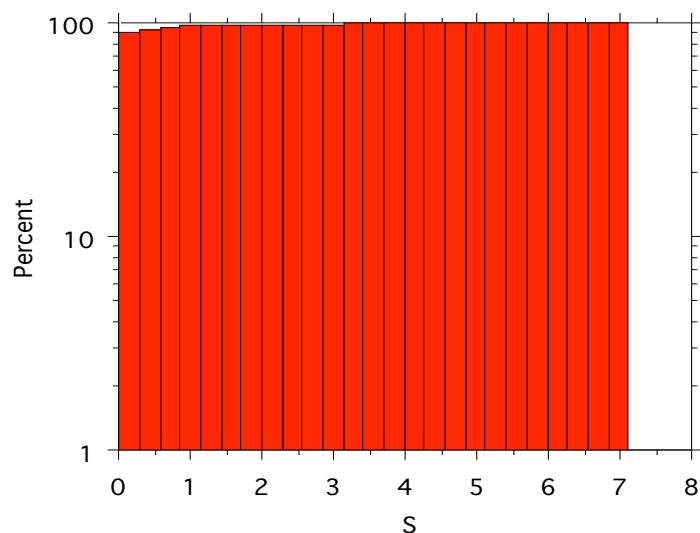
Percentiles

maximum 7.12
99th percentile 3.57
97th percentile 1.37
95th percentile 0.77
90th percentile 0.31
75th percentile 0.09
50th percentile 0.04
25th percentile 0.02
10th percentile 0.01
mimimum <0.01

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ANTIMONY

Sb (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	2 ppm	

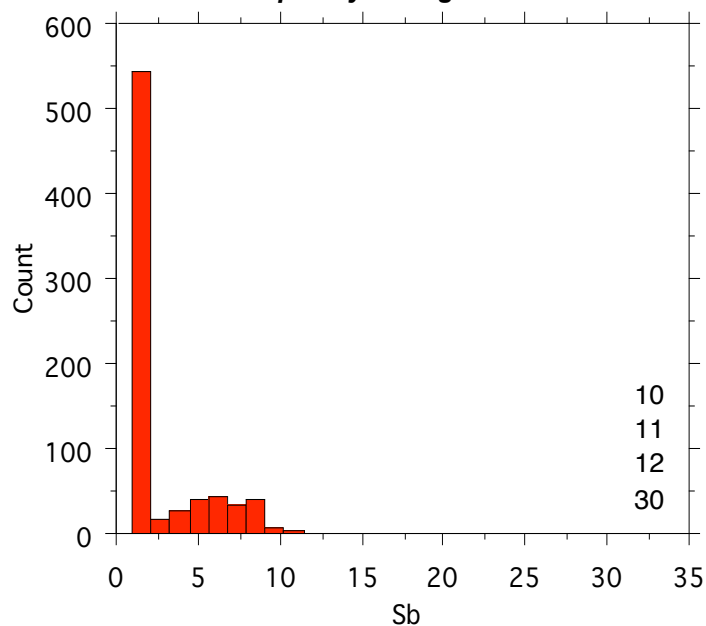
Descriptive Statistics

Count:	753
Mean:	3
Median:	1
Mode:	1
Standard deviation:	2.68
Variance:	7.22
Coeff. var:	1.06
Skewness:	2.56
Kurtosis:	14.35

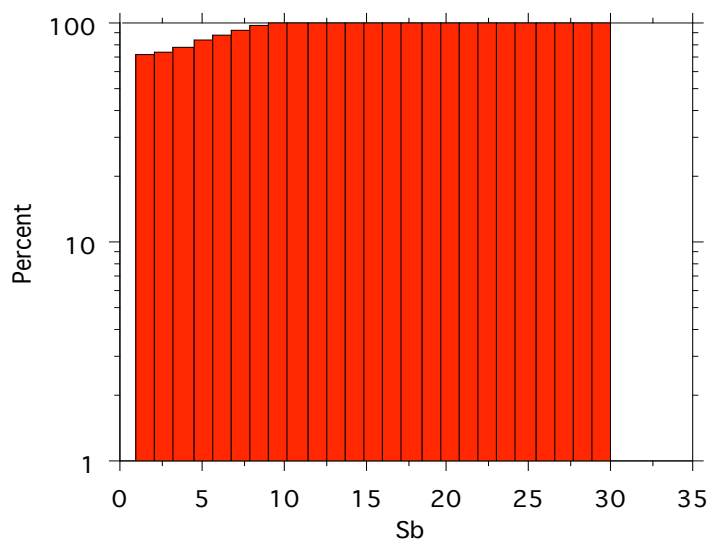
Percentiles

maximum	30
99th percentile	11
97th percentile	9
95th percentile	8
90th percentile	7
75th percentile	4
50th percentile	<2
25th percentile	<2
10th percentile	<2
minimum	<2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SCANDIUM

Sc (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

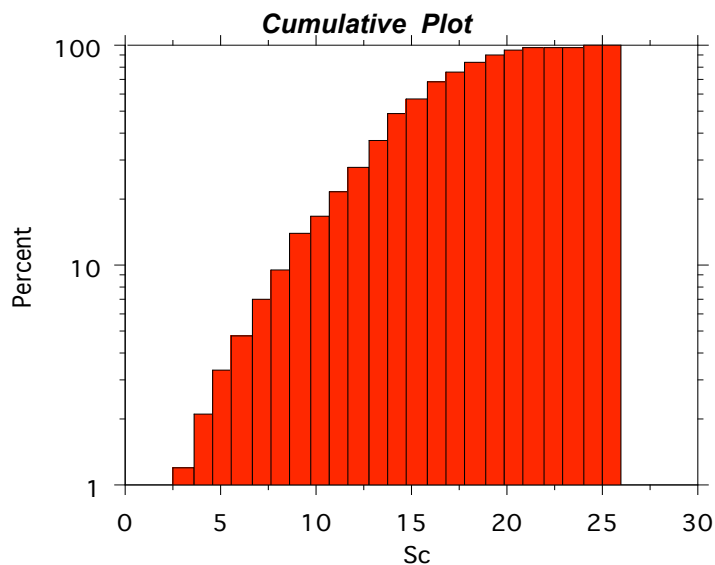
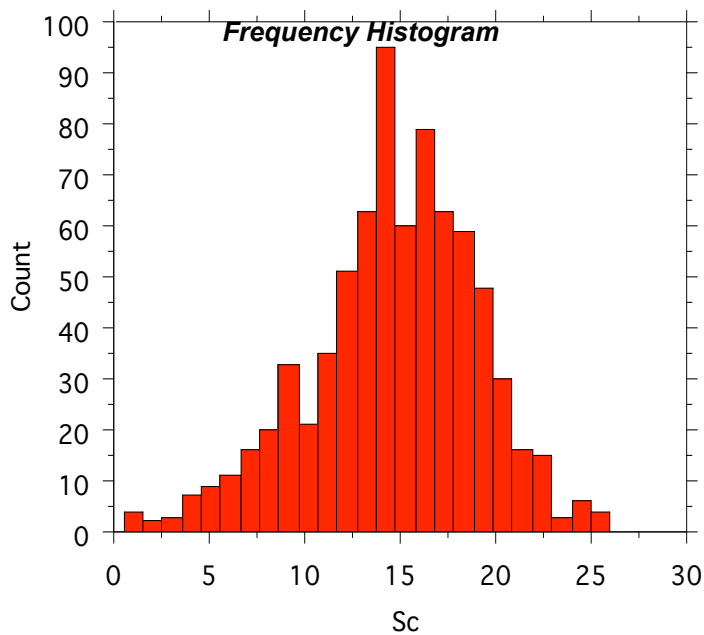
Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

Descriptive Statistics

Count: 753
Mean: 14
Median: 15
Mode: 14
Standard deviation: 4.29
Variance: 18.40
Coeff. var: 0.29
Skewness: -0.41
Kurtosis: 0.28

Percentiles

maximum 26
99th percentile 25
97th percentile 22
95th percentile 21
90th percentile 19
75th percentile 17
50th percentile 15
25th percentile 12
10th percentile 9
mimumum <1



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

STRONTIUM

Sr (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 1 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

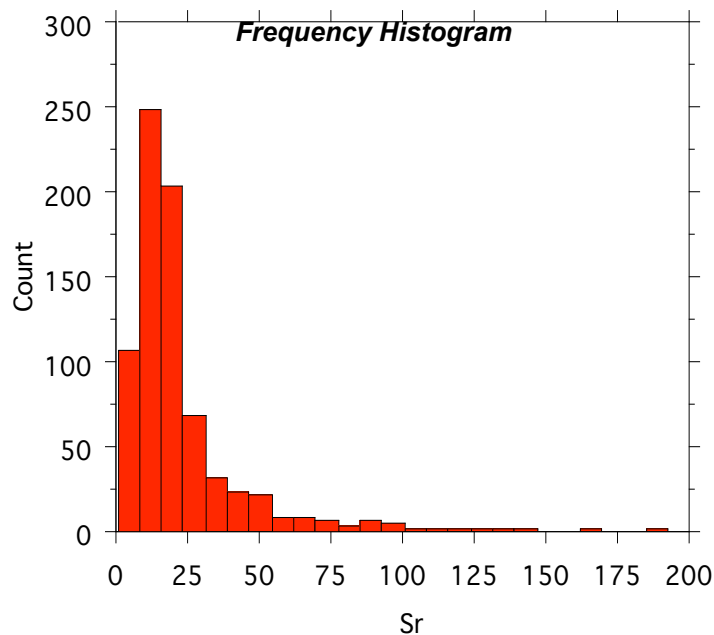
Descriptive Statistics

Count: 753
Mean: 22
Median: 16
Mode: 15
Standard deviation: 21.47
Variance: 461.02
Coeff. var: 0.96
Skewness: 3.16
Kurtosis: 13.67

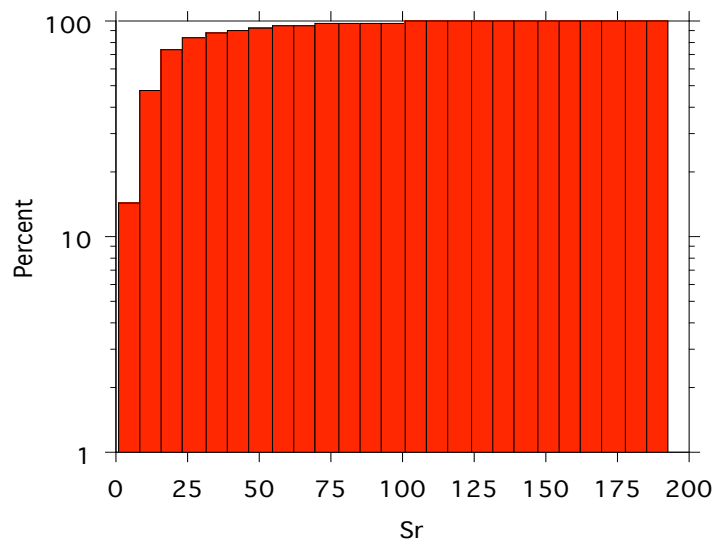
Percentiles

maximum 193
99th percentile 122
97th percentile 82
95th percentile 68
90th percentile 45
75th percentile 24
50th percentile 16
25th percentile 11
10th percentile 6
mimumum <1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

TITANIUM

Ti (%)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	0.01%	

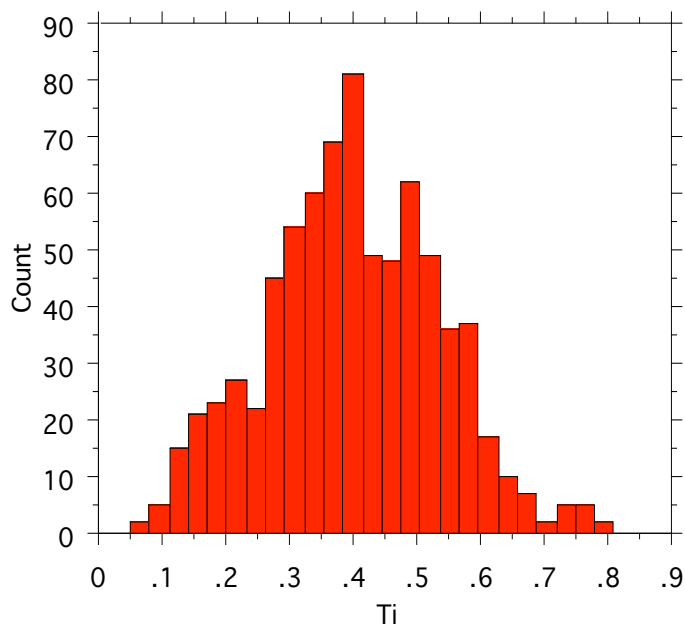
Descriptive Statistics

Count:	753
Mean:	0.40
Median:	0.40
Mode:	
Standard deviation:	0.13
Variance:	0.01
Coeff. var:	0.33
Skewness:	0.05
Kurtosis:	-0.14

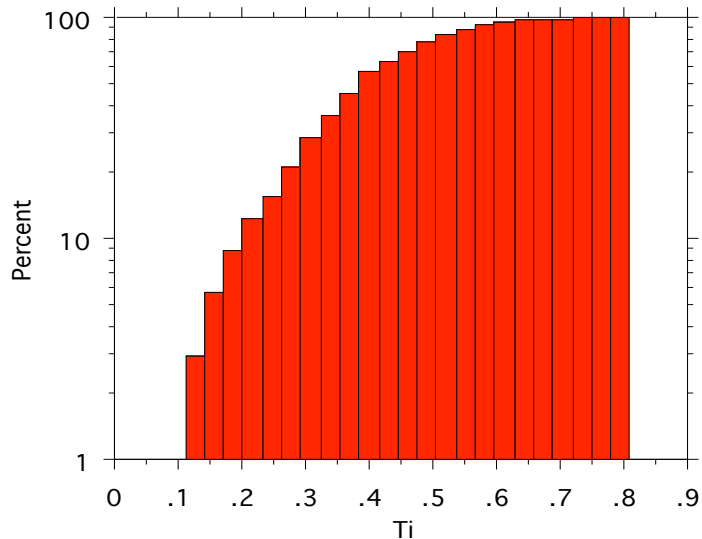
Percentiles

maximum	0.81
99th percentile	0.74
97th percentile	0.65
95th percentile	0.62
90th percentile	0.57
75th percentile	0.49
50th percentile	0.40
25th percentile	0.31
10th percentile	0.21
minimum	0.05

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

THALLIUM

Tl (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

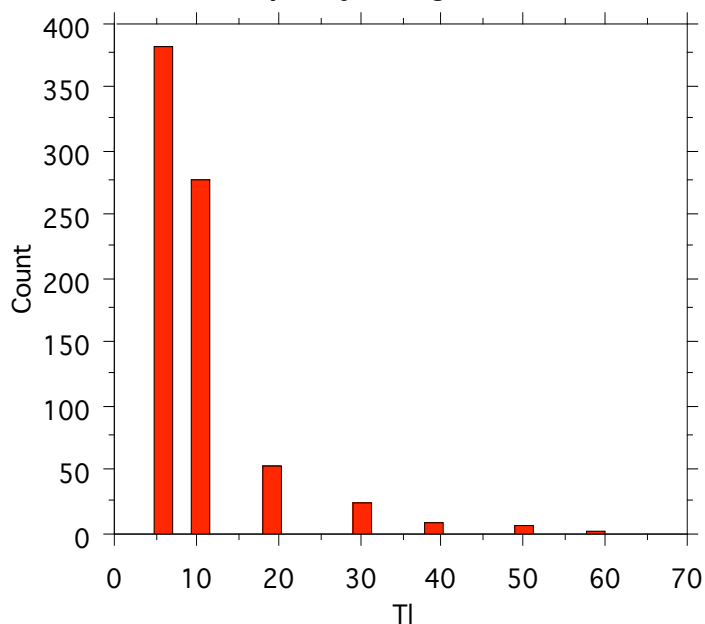
Descriptive Statistics

Count: 753
Mean: 9
Median: 5
Mode: 5
Standard deviation: 8.04
Variance: 64.69
Coeff. var: 0.83
Skewness: 3.13
Kurtosis: 11.92

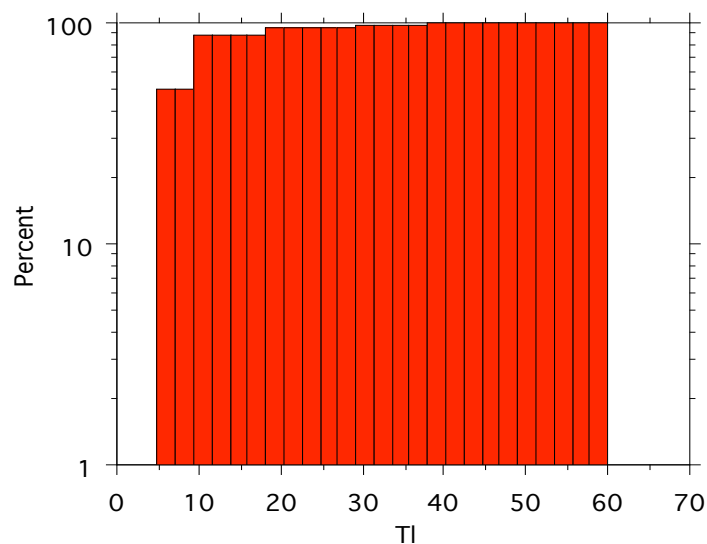
Percentiles

maximum 60
99th percentile 30
97th percentile 30
95th percentile 20
90th percentile 10
75th percentile 0
50th percentile <10
25th percentile <10
10th percentile <10
mimumum <10

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

URANIUM

U (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

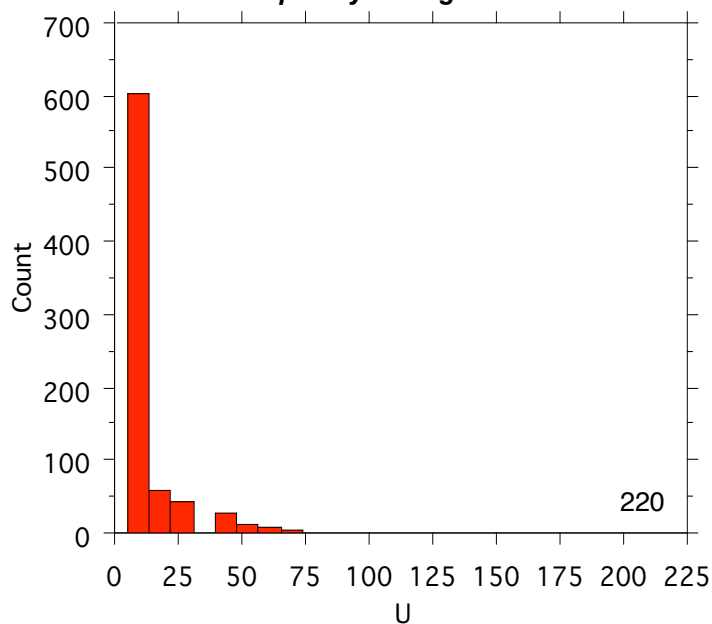
Descriptive Statistics

Count: 753
Mean: 11
Median: 5
Mode: 5
Standard deviation: 13.64
Variance: 186.10
Coeff. var: 1.21
Skewness: 6.08
Kurtosis: 74.05

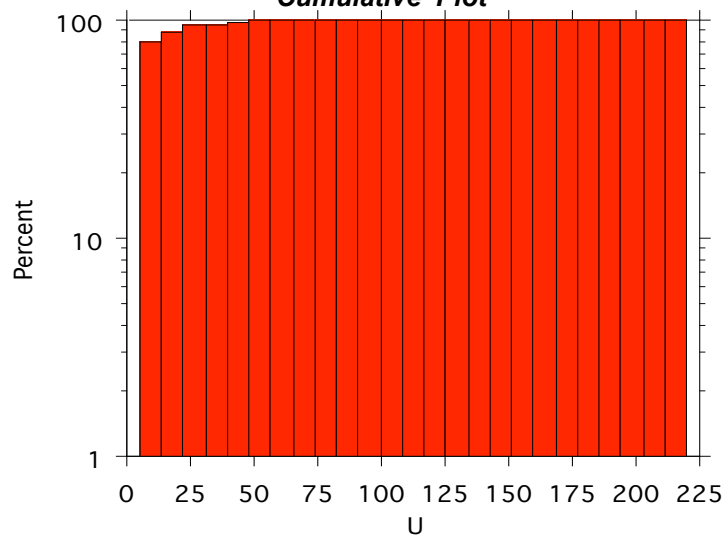
Percentiles

maximum 220
99th percentile 60
97th percentile 50
95th percentile 40
90th percentile 30
75th percentile 10
50th percentile <10
25th percentile <10
10th percentile <10
mimimum <10

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

VANADIUM

V (ppm)

Fraction:	<0.002 mm	Sample preparation: Centrifuge and decantation
Method:	ICP-AES	Analytical preparation: Nitric acid-aqua regia partial leach
Detection limit:	1 ppm	

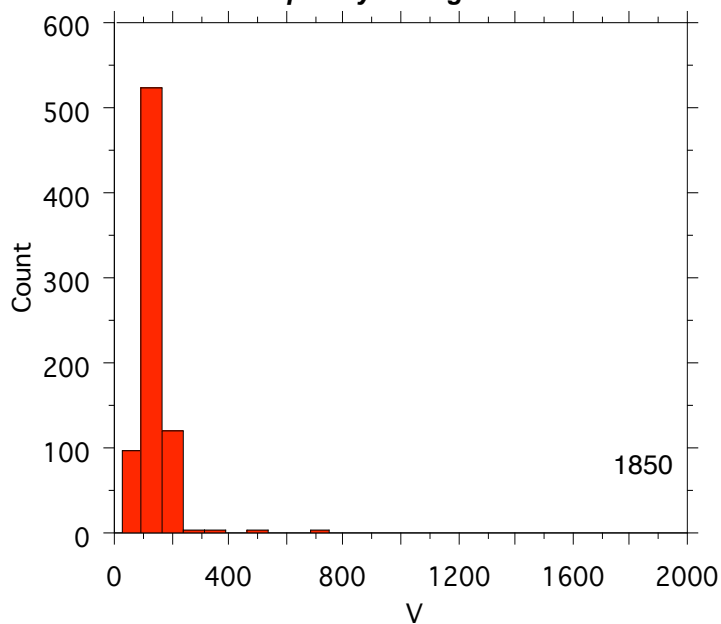
Descriptive Statistics

Count:	753
Mean:	146
Median:	144
Mode:	138
Standard deviation:	83.50
Variance:	6972.70
Coeff. var:	0.57
Skewness:	12.65
Kurtosis:	236.80

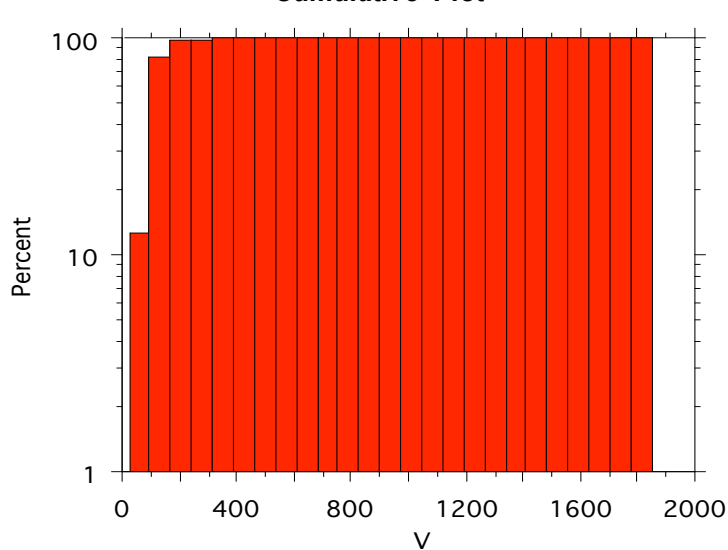
Percentiles

maximum	1850
99th percentile	372
97th percentile	210
95th percentile	200
90th percentile	183
75th percentile	163
50th percentile	144
25th percentile	123
10th percentile	89
minimum	24

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

TUNGSTEN

W (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 10 ppm

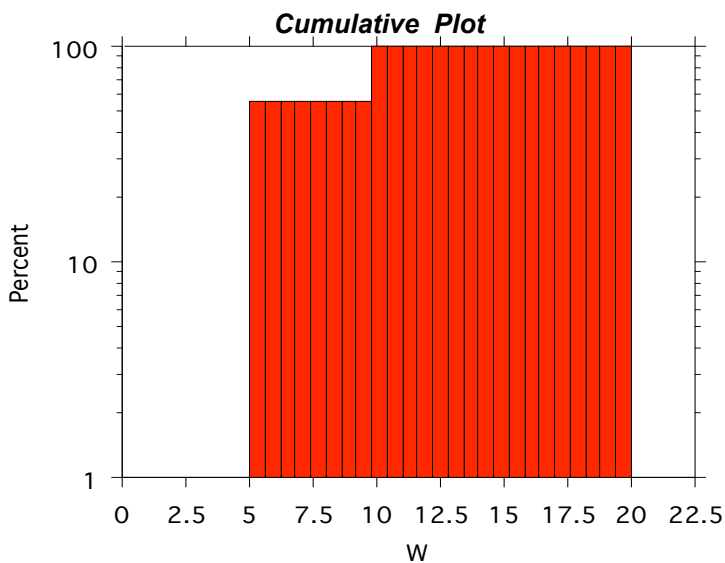
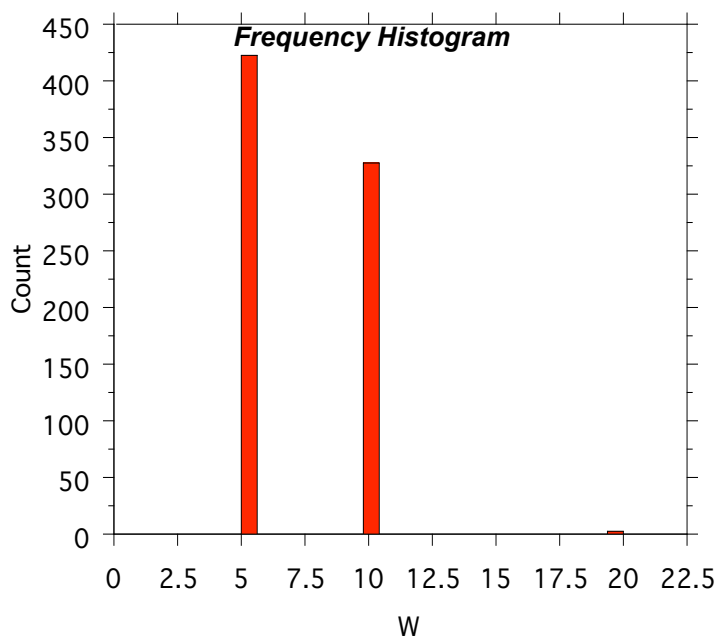
Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

Descriptive Statistics

Count: 753
Mean: 7
Median: 5
Mode: 5
Standard deviation: 2.60
Variance: 6.78
Coeff. var: 0.36
Skewness: 0.63
Kurtosis: 0.16

Percentiles

maximum 20
99th percentile 20
97th percentile 10
95th percentile 10
90th percentile 10
75th percentile 10
50th percentile <10
25th percentile <10
10th percentile <10
mimumum <10



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ZINC

Zn (ppm)

Fraction: <0.002 mm
Method: ICP-AES
Detection limit: 2 ppm

Sample preparation: Centrifuge and decantation
Analytical preparation: Nitric acid-aqua regia partial leach

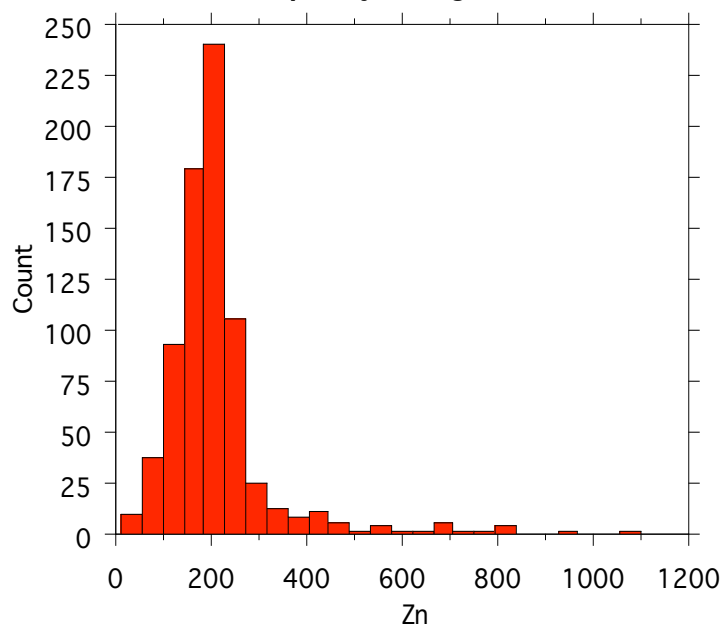
Descriptive Statistics

Count: 753
Mean: 214
Median: 198
Mode: 186
Standard deviation: 120.82
Variance: 14597.00
Coeff. var: 0.56
Skewness: 3.33
Kurtosis: 15.77

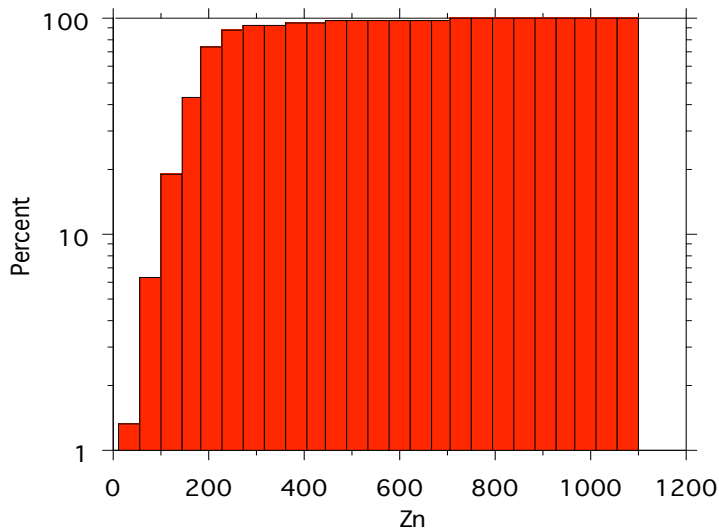
Percentiles

maximum 1100
99th percentile 798
97th percentile 554
95th percentile 428
90th percentile 288
75th percentile 231
50th percentile 198
25th percentile 158
10th percentile 116
mimimum 12

Frequency Histogram



Cumulative Plot



Appendix V: Till geochemistry, <0.063 mm, INAA

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
98-DU-1	37A	18	489600	7648000	1	2.5	43.7	660	2.0	0.5	17	90	5	3.85	5	0.5	2.5	4	1.95	49	102
98-DU-2	37D	18	499200	7667800	2	2.5	47.1	830	5.5	0.5	21	95	11	5.32	5	0.5	2.5	5	1.47	52	171
98-DU-6	37D	18	499000	7670100	1	2.5	70.2	700	0.3	0.5	32	104	12	6.70	5	0.5	2.5	0.5	1.44	52	162
98-DU-8	37D	18	499200	7672400	5	2.5	43.5	850	5.5	0.5	26	123	12	6.26	5	0.5	2.5	0.5	1.52	55	174
98-DU-9	37D	18	494200	7666100	7	2.5	45.6	810	2.4	0.5	18	106	8	5.68	6	0.5	2.5	0.5	1.39	53	173
98-DU-17	37D	18	496800	7664000	1	2.5	13.6	840	7.4	0.5	15	84	8	4.83	5	0.5	2.5	5	1.42	54	221
98-DU-FL-1G	37D	18	525000	7680400	5	2.5	46.3	980	9.3	0.5	26	125	7	7.10	8	0.5	2.5	0.5	1.75	61	194
98-DU-FL-2	37D	18	524800	7680200	4	2.5	43.7	1100	4.8	0.5	39	118	8	7.03	6	0.5	2.5	15	1.56	56	153
98-DU-FL-3	37D	18	524800	7680000	1	2.5	81.0	860	19.2	0.5	8	112	9	8.40	7	0.5	2.5	26	1.54	54	136
98-DU-FL-4	37D	18	524850	7679800	1	2.5	43.2	590	7.5	0.5	29	92	5	6.04	8	0.5	2.5	11	1.61	48	114
98-DU-FL-5	37D	18	525000	7679600	1	2.5	42.1	860	8.1	0.5	12	133	11	8.83	5	0.5	2.5	12	1.25	49	189
98-DU-FL-7	37D	18	525200	7679200	5	2.5	35.4	1100	3.3	0.5	20	108	7	6.18	6	0.5	2.5	11	1.50	47	139
98-DU-FL-8	37D	18	525200	7679000	1	2.5	20.8	870	0.3	0.5	25	77	7	5.22	6	0.5	2.5	15	1.50	43	141
98-DU-FL-9	37D	18	525200	7678800	5	2.5	63.6	720	2.6	0.5	6	131	12	9.12	7	0.5	2.5	17	1.27	53	194
98-DU-FL-10G	37D	18	525300	7678500	1	2.5	87.0	650	3.3	0.5	5	120	11	10.00	6	0.5	2.5	4	1.39	48	137
98-DU-FL-11G	37D	18	525400	7678200	1	2.5	27.4	720	0.3	0.5	4	68	6	12.00	5	0.5	2.5	2	1.34	44	125
98-DU-FL-12	37D	18	524950	7678800	1	2.5	34.7	830	2.6	3	30	82	8	6.62	7	0.5	2.5	16	1.46	36	161
98-DU-FL-13	37D	18	524800	7679000	1	2.5	21.3	610	0.3	0.5	17	100	7	4.81	6	0.5	2.5	5	1.65	48	151
98-DU-FL-14	37D	18	524600	7679200	1	2.5	81.8	770	2.2	0.5	27	95	5	6.90	7	0.5	2.5	12	1.68	39	210
98-DU-FL-15G	37D	18	525600	7678200	1	2.5	124.0	560	5.9	0.5	6	112	8	19.70	6	0.5	2.5	39	0.85	49	104
98-DU-FL-16	37D	18	525400	7677800	5	2.5	48.9	850	9.7	3	33	90	7	9.21	6	0.5	2.5	18	1.36	47	117
98-DU-FL-18	37D	18	525400	7677600	1	2.5	34.2	950	8.9	0.5	24	85	8	6.71	7	0.5	2.5	6	1.47	34	132
98-DU-RB-1	37D	18	484800	7661700	1	2.5	47.1	740	4.0	0.5	19	107	7	5.72	6	0.5	2.5	8	1.34	46	168
98-DU-RB-2	37D	18	485100	7661600	4	2.5	46.9	840	4.6	0.5	21	91	7	5.19	5	0.5	2.5	7	1.30	42	132
98-DU-RB-3	37D	18	485200	7661000	4	2.5	68.7	770	0.3	0.5	21	88	8	5.54	5	0.5	2.5	6	1.33	31	140
98-DU-RB-4	37D	18	485100	7660400	1	2.5	57.0	660	5.9	0.5	19	101	10	6.18	5	0.5	2.5	6	1.30	45	157
98-DU-RB-5	37D	18	484500	7661050	1	2.5	57.9	620	2.8	0.5	25	73	6	5.27	5	0.5	2.5	12	1.34	39	117
98-DU-RB-6	37D	18	484400	7660600	1	2.5	45.2	800	0.3	0.5	18	81	8	4.83	5	0.5	2.5	8	1.31	40	137
98-DU-RB-7	37D	18	484600	7660300	1	2.5	49.4	820	1.4	0.5	23	96	8	5.44	5	0.5	2.5	10	1.28	28	124
98-DU-RB-8	37D	18	484300	7659400	5	2.5	64.9	650	1.6	0.5	23	90	8	5.61	5	0.5	2.5	12	1.26	41	151
98-DU-RB-9	37D	18	484600	7659200	5	2.5	53.8	620	2.2	0.5	17	89	8	5.32	5	0.5	2.5	6	1.30	42	149
98-DU-RB-10	37D	18	485100	7659200	5	2.5	48.5	640	3.7	0.5	20	98	8	5.25	5	0.5	2.5	7	1.39	42	129
01-DU-001	37A	18	577324	7643202	9	2.5	45.8	730	2.9	0.5	9	80	5	3.34	4	0.5	2.5	7	1.58	26	118
01-DU-002	37A	18	570473	7634598	1	2.5	45.9	620	2.7	0.5	15	97	6	3.75	4	0.5	2.5	4	1.61	27	129
01-DU-003	37A	18	556116	7633362	20	2.5	69.4	890	3.0	0.5	25	171	12	7.59	5	0.5	2.5	0.5	1.22	42	199
01-DU-004	37A	18	554287	7647151	1	2.5	28.2	600	0.3	0.5	8	92	5	3.08	5	0.5	2.5	0.5	1.69	29	110
01-DU-005	37A	18	554543	7651230	1	2.5	31.9	800	0.3	0.5	11	91	6	3.68	4	0.5	2.5	10	1.64	29	125
01-DU-007	37A	18	568183	7650433	2	2.5	34.3	590	3.3	0.5	10	92	6	3.35	4	0.5	2.5	0.5	1.72	29	114
01-DU-008	37A	18	570043	7646959	5	2.5	19.8	450	0.3	1	8	69	4	2.57	4	0.5	2.5	3	1.72	25	65
01-DU-009	37A	18	530692	7592449	1	2.5	27.6	560	6.1	0.5	13	94	8	2.83	6	0.5	2.5	0.5	1.37	30	126
01-DU-12A	37A	18	497759	7616960	1	2.5	5.7	25	26.0	23	4	21	0.5	1.61	2	0.5	2.5	0.5	0.25	20	37
01-DU-12B	37A	18	497759	7616960	1	2.5	9.9	140	25.8	16	6	32	2	1.92	2	0.5	2.5	0.5	0.28	20	55
01-DU-013	37A	18	511941	7609651	1	2.5	27.6	610	4.3	0.5	12	71	7	2.80	5	0.5	2.5	0.5	1.31	27	107
01-DU-017	37A	18	494404	7643253	1	2.5	68.1	510	3.5	0.5	19	76	6	2.06	5	0.5	2.5	3	1.79	24	112
01-DU-018	37A	18	494210	7653654	6	2.5	17.5	800	0.3	0.5	14	109	9	4.93	5	0.5	2.5	0.5	1.53	29	226
01-DU-019	37A	18	524675	7632329	1	2.5	46.6	960	0.3	2	15	114	8	4.58	6	0.5	2.5	0.5	1.77	30	135
01-DU-020	37A	18	521165	7626661	6	2.5	70.8	1100	3.4	0.5	20	144	11	5.46	6	0.5	2.5	5	1.68	34	146
01-DU-021	37A	18	527352	7622659	8	2.5	60.2	970	1.5	1	20	141	10	5.44	6	0.5	2.5	6	1.87	34	144
01-DU-022	37A	18	517247	7624341	1	2.5	60.4	760	3.6	2	18	112	9	4.49	6	0.5	2.5	0.5	1.85	31	136

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
98-DU-1	0.8	13.5	1.5	0.01	0.03	0.25	18.9	4.3	5	133	62.6	106	39	8.8	1.7	1.1	3.3	0.49	27
98-DU-2	0.9	15.2	1.5	0.01	0.03	0.25	20.7	7.0	0.5	158	59.3	100	40	7.8	1.4	0.25	2.9	0.50	23
98-DU-6	1.3	17.6	1.5	0.01	0.03	1.2	23.6	6.6	0.5	181	62.1	104	34	8.2	1.3	0.25	2.9	0.52	24
98-DU-8	0.2	18.9	1.5	0.01	0.03	0.25	26.1	7.0	0.5	197	76.6	128	50	10.6	1.6	0.25	4.1	0.59	23
98-DU-9	0.9	16.4	1.5	0.01	0.03	0.25	22.8	7.1	5	121	62.1	109	44	8.2	1.5	0.25	3.0	0.51	22
98-DU-17	0.3	15.5	1.5	0.01	0.03	0.25	38.1	9.4	0.5	115	79.2	134	48	8.9	1.2	0.25	2.6	0.41	22
98-DU-FL-1G	0.7	17.1	1.5	0.01	0.03	0.25	34.8	12.4	0.5	182	97.0	171	63	12.8	1.6	2.1	4.5	0.67	21
98-DU-FL-2	1.3	17.8	1.5	0.01	0.03	0.25	29.9	13.0	0.5	290	75.5	135	42	10.6	1.8	0.25	3.9	0.62	23
98-DU-FL-3	1.9	15.8	1.5	0.01	0.03	1.2	33.9	8.9	0.5	157	61.2	101	38	8.0	1.3	0.25	3.0	0.48	24
98-DU-FL-4	1.1	13.2	1.5	0.01	0.03	2.5	31.7	10.8	0.5	233	77.3	134	44	9.2	1.5	0.25	3.6	0.48	24
98-DU-FL-5	2.2	18.6	4	0.01	0.03	2.8	26.1	9.7	0.5	219	59.6	99	38	7.3	1.2	0.25	2.8	0.47	22
98-DU-FL-7	1.5	15.1	1.5	0.01	0.03	2.3	28.1	9.4	0.5	219	64.9	111	36	8.0	1.3	0.25	2.9	0.47	23
98-DU-FL-8	0.6	11.8	1.5	0.005	0.03	0.25	23.7	8.7	2	25	66.4	99	30	7.3	1.1	0.25	2.9	0.48	26
98-DU-FL-9	1.4	18.0	1.5	0.01	0.03	0.25	34.6	8.2	0.5	121	92.6	139	52	10.6	1.3	0.25	3.7	0.57	21
98-DU-FL-10G	0.8	16.2	1.5	0.01	0.03	1.3	26.6	4.4	0.5	101	65.6	103	35	7.6	1.2	0.25	2.8	0.44	24
98-DU-FL-11G	0.6	9.9	1.5	0.005	0.03	1.2	19.1	2.2	0.5	25	50.9	77	24	5.4	1.0	0.25	2.2	0.34	26
98-DU-FL-12	0.05	13.5	1.5	0.01	0.03	2.4	29.9	10.0	7	232	87.5	137	50	10.3	1.6	0.25	3.7	0.59	22
98-DU-FL-13	0.05	15.2	1.5	0.01	0.03	0.25	28.5	7.1	0.5	429	84.6	126	38	9.4	1.5	0.25	3.1	0.52	24
98-DU-FL-14	2.1	14.1	1.5	0.01	0.03	0.25	28.1	8.2	7	279	81.2	121	46	9.4	1.4	0.25	3.4	0.56	21
98-DU-FL-15G	1.6	13.6	15	0.01	0.03	2.1	27.8	4.1	0.5	25	47.1	75	20	6.0	0.8	0.25	2.1	0.38	21
98-DU-FL-16	0.7	12.8	3	0.01	0.03	0.25	29.3	10.5	0.5	339	86.4	133	48	10.5	1.6	0.25	3.8	0.60	22
98-DU-FL-18	0.8	13.4	1.5	0.01	0.03	2.5	27.9	8.8	5	261	83.3	131	50	10.0	1.4	0.25	3.7	0.55	22
98-DU-RB-1	0.6	15.9	1.5	0.01	0.03	0.25	24.3	10.4	0.5	25	76.1	121	45	9.5	1.5	1.4	3.4	0.53	22
98-DU-RB-2	0.5	14.2	1.5	0.005	0.03	1.8	20.2	6.3	0.5	217	59.7	103	40	7.6	1.1	0.25	2.7	0.46	23
98-DU-RB-3	1.2	13.7	1.5	0.005	0.03	2.1	21.4	8.2	0.5	132	63.4	100	38	7.8	1.3	0.25	3.0	0.47	22
98-DU-RB-4	1.2	15.7	1.5	0.01	0.03	0.25	22.4	6.7	0.5	152	64.9	109	42	8.1	1.4	0.25	3.1	0.45	21
98-DU-RB-5	0.9	11.6	1.5	0.005	0.03	0.25	18.5	7.1	0.5	199	57.7	100	34	7.2	1.3	0.25	2.7	0.41	26
98-DU-RB-6	0.6	12.9	1.5	0.005	0.03	0.25	18.7	4.7	7	25	55.7	93	38	6.9	1.2	0.25	2.5	0.41	24
98-DU-RB-7	0.8	14.2	1.5	0.005	0.03	0.25	18.8	2.7	0.5	162	54.4	92	31	6.7	1.1	0.25	2.6	0.40	28
98-DU-RB-8	1.2	13.2	1.5	0.005	0.03	1.8	19.2	4.1	0.5	167	54.6	90	37	6.9	1.2	0.25	2.7	0.42	24
98-DU-RB-9	0.9	13.6	1.5	0.005	0.03	0.25	20.2	4.9	0.5	170	59.1	103	30	7.3	1.2	0.25	2.7	0.48	22
98-DU-RB-10	0.9	14.2	1.5	0.005	0.03	0.25	19.3	5.5	4	170	57.3	96	33	7.4	1.3	0.25	2.8	0.49	25
01-DU-001	0.3	13.0	1.5	0.005	0.03	0.25	10.1	1.8	0.5	25	35.5	66	21	5.3	1.1	0.8	2.1	0.32	29
01-DU-002	0.3	14.6	1.5	0.005	0.03	0.25	12.6	2.4	0.5	132	46.1	78	30	6.7	1.2	0.9	2.5	0.39	30
01-DU-003	1.1	22.2	1.5	0.005	0.03	0.25	21.4	6.6	0.5	146	76.3	145	51	10.9	1.7	0.25	3.0	0.45	17
01-DU-004	0.2	13.7	1.5	0.005	0.03	0.25	15.0	3.6	4	89	48.5	87	32	7.1	1.4	1.7	2.8	0.42	28
01-DU-005	0.4	14.6	1.5	0.005	0.03	0.25	14.8	3.3	0.5	25	48.2	84	35	6.8	1.2	0.25	2.4	0.36	26
01-DU-007	0.3	14.0	1.5	0.005	0.03	1.6	11.9	3.3	4	25	41.2	75	29	6.0	1.0	0.25	2.5	0.39	27
01-DU-008	0.3	11.3	1.5	0.005	0.03	0.25	10.1	2.3	0.5	93	33.4	58	21	4.8	0.8	0.25	2.6	0.36	31
01-DU-009	0.2	10.7	1.5	0.01	0.03	1.3	22.3	5.5	0.5	25	62.0	112	35	9.1	1.1	1.2	3.2	0.44	23
01-DU-12A	0.1	4.2	1.5	0.005	0.03	0.25	5.0	0.9	0.5	25	13.4	27	10	2.0	0.3	0.25	0.8	0.15	29
01-DU-12B	0.05	5.0	1.5	0.005	0.03	0.25	6.1	1.1	0.5	25	18.0	34	11	2.4	0.4	0.25	1.0	0.17	28
01-DU-013	0.1	10.8	1.5	0.01	0.03	0.25	16.9	4.1	0.5	93	47.8	84	28	6.6	1.0	0.25	2.9	0.42	25
01-DU-017	0.05	11.2	1.5	0.005	0.03	0.25	18.5	4.4	0.5	134	58.2	99	40	7.0	1.4	1	2.8	0.40	31
01-DU-018	0.3	16.1	1.5	0.01	0.03	0.25	24.5	6.7	0.5	170	60.3	103	30	6.4	1.1	0.25	2.3	0.36	24
01-DU-019	0.3	18.3	1.5	0.01	0.03	0.25	17.7	5.0	0.5	81	59.9	109	39	7.6	1.5	1.3	3.2	0.50	25
01-DU-020	0.3	20.1	1.5	0.01	0.03	0.25	18.6	5.7	0.5	111	61.4	100	40	8.2	1.4	0.8	3.3	0.50	21
01-DU-021	0.05	20.2	1.5	0.01	0.03	2.1	18.7	2.7	0.5	138	64.2	111	44	8.5	1.7	1.4	3.5	0.55	22
01-DU-022	0.5	17.0	1.5	0.01	0.03	0.25	19.5	4.0	0.5	117	67.9	117	40	8.8	1.6	0.25	3.7	0.57	24

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-024	37A	18	506767	7634134	1	2.5	16.8	700	6.8	8	14	88	7	3.66	6	0.5	2.5	0.5	1.39	29	105
01-DU-026	37D	18	476398	7684776	1	2.5	1.8	780	2.0	0.5	4	8	0.5	1.16	10	0.5	2.5	0.5	2.60	22	142
01-DU-028	37D	18	479668	7672819	5	2.5	5.7	860	0.3	2	6	17	3	1.73	9	0.5	2.5	0.5	2.39	25	163
01-DU-030	37D	18	495361	7674225	1	2.5	23.2	700	1.7	3	19	88	10	4.43	6	0.5	2.5	9	1.56	31	241
01-DU-033	37D	18	488186	7654157	5	2.5	80.1	760	0.3	0.5	23	96	10	5.64	5	0.5	2.5	0.5	1.54	28	155
01-DU-036	37A	18	598670	7556660	1	2.5	5.5	700	5.7	10	7	31	2	2.26	6	0.5	2.5	0.5	1.43	21	140
01-DU-038	37A	18	587100	7552900	1	2.5	3.5	760	10.1	7	6	31	2	2.01	7	0.5	2.5	0.5	1.63	22	128
01-DU-042	37A	18	605940	7553351	3	2.5	2.7	740	1.7	2	7	22	2	2.01	7	0.5	2.5	3	2.14	22	135
01-DU-043	37A	18	613358	7559994	4	2.5	0.3	680	0.3	2	4	20	1	1.56	11	0.5	2.5	0.5	2.24	22	123
01-DU-044	37A	18	611475	7562417	1	2.5	4.6	820	11.7	4	9	43	2	3.00	9	0.5	2.5	0.5	1.69	25	147
01-DU-045	37A	18	606766	7565620	1	2.5	2.5	920	1.8	0.5	5	22	2	1.92	8	0.5	2.5	0.5	2.28	23	124
01-DU-047	37A	18	618231	7569035	1	2.5	1.6	710	2.1	0.5	7	28	2	2.29	8	0.5	2.5	0.5	1.92	22	134
01-DU-048	37A	18	560704	7607868	1	2.5	68.8	650	0.3	0.5	16	109	12	4.28	6	0.5	2.5	0.5	1.92	28	135
01-DU-055AG	37A	18	594191	7595587	14	2.5	45.1	430	3.6	0.5	3	92	3	27.80	5	0.5	2.5	16	0.89	29	64
01-DU-055BG	37A	18	594191	7595587	38	2.5	75.3	510	0.3	0.5	2	68	1	34.80	4	0.5	2.5	75	0.58	31	75
01-DU-056	37A	18	582823	7590662	5	2.5	4.5	590	7.8	0.5	14	103	5	4.84	10	0.5	2.5	9	1.34	28	223
01-DU-057	37D	18	499865	7664660	1	2.5	16.3	890	17.4	4	17	97	9	5.02	5	0.5	2.5	11	1.71	27	229
01-DU-058	37A	18	515654	7648365	1	2.5	52.0	700	0.3	0.5	9	98	7	3.85	5	0.5	2.5	6	2.18	23	121
01-DU-061	37A	18	552428	7629685	3	2.5	46.3	630	0.3	0.5	15	105	8	4.06	6	0.5	2.5	7	1.95	24	147
01-DU-062	37A	18	559972	7628171	4	2.5	28.5	460	0.3	0.5	14	107	7	4.00	4	0.5	2.5	2	1.80	23	155
01-DU-063	37A	18	555618	7635259	1	2.5	51.2	790	0.3	0.5	16	124	7	4.39	5	0.5	2.5	0.5	1.89	24	124
01-DU-064	37A	18	534830	7645468	1	2.5	105.0	770	0.3	0.5	19	123	8	4.54	7	0.5	2.5	0.5	2.09	27	142
01-DU-068	37D	18	502143	7705130	1	2.5	1.5	730	0.3	2	5	9	3	1.70	11	0.5	2.5	0.5	2.98	20	130
01-DU-071	37D	18	502140	7735134	1	2.5	2.8	800	1.4	2	7	32	4	1.74	7	0.5	2.5	3	2.91	20	117
01-DU-072	37D	18	467612	7736613	1	2.5	2.5	530	2.2	2	14	70	6	4.25	12	0.5	2.5	0.5	2.82	24	163
01-DU-074	37D	18	468111	7730673	1	2.5	1.5	650	2.4	0.5	5	14	4	1.68	10	0.5	2.5	0.5	3.02	20	174
01-DU-075	37D	18	471745	7726877	1	2.5	2.8	740	3.6	1	7	27	4	1.85	9	0.5	2.5	0.5	3.18	20	123
01-DU-076	37A	18	482000	7723000	1	2.5	1.7	620	5.2	0.5	5	20	3	1.52	7	0.5	2.5	0.5	3.26	20	120
01-DU-077	37D	18	491259	7727766	1	2.5	2.3	940	0.3	2	3	8	0.5	1.56	12	0.5	2.5	0.5	2.94	20	100
01-DU-083	37D	18	461705	7703460	1	2.5	1.6	750	4.8	0.5	2	8	2	1.14	12	0.5	2.5	0.5	2.65	20	137
01-DU-084	37D	18	469259	7705965	1	2.5	2.6	710	0.3	0.5	3	7	2	1.10	8	0.5	2.5	0.5	2.67	20	149
01-DU-086	37D	18	476157	7763442	1	2.5	2.9	890	0.3	0.5	11	52	3	2.80	6	0.5	2.5	0.5	3.24	21	76
01-DU-089	37D	18	462747	7752454	1	2.5	5.5	530	0.3	2	7	31	3	2.43	9	0.5	2.5	0.5	2.77	20	125
01-DU-093	37D	18	501736	7739709	1	2.5	1.1	720	5.0	0.5	4	13	2	1.70	9	0.5	2.5	3	2.88	20	89
01-DU-094	37D	18	469345	7743155	1	2.5	4.0	710	3.5	0.5	7	27	3	2.06	6	0.5	2.5	3	2.95	20	121
01-DU-095	37D	18	503966	7679308	1	2.5	30.3	630	4.2	7	23	94	10	5.35	5	0.5	2.5	0.5	0.84	124	208
01-DU-096	37D	18	508400	7672800	1	2.5	64.5	620	6.6	0.5	21	100	9	5.36	5	0.5	2.5	6	1.61	23	154
01-DU-097	37D	18	505032	7689351	1	2.5	7.9	650	14.6	9	13	55	6	3.30	6	0.5	2.5	2	0.65	20	139
01-DU-098	37D	18	488922	7694930	3	2.5	1.4	780	3.3	2	6	9	0.5	1.84	11	0.5	2.5	0.5	2.54	20	160
01-DU-099	37D	18	490158	7692640	1	2.5	2.6	800	3.4	0.5	5	12	3	1.88	10	0.5	2.5	4	2.45	74	122
01-DU-106	37D	18	523100	7761600	1	2.5	0.3	600	0.3	1	11	63	2	3.30	7	0.5	2.5	0.5	2.94	20	108
01-DU-107	37D	18	509899	7763211	4	2.5	3.3	700	0.3	0.5	15	123	3	3.58	7	0.5	2.5	0.5	2.58	22	131
01-DU-108	37D	18	525737	7751544	4	2.5	1.8	600	0.3	2	2	7	2	1.18	10	0.5	2.5	2	3.00	20	88
01-DU-111	37D	18	526400	7746600	1	2.5	1.5	820	0.3	2	5	18	2	1.99	11	0.5	2.5	0.5	2.80	20	124
01-DU-113	37D	18	528100	7749300	1	2.5	1.9	830	0.3	0.5	6	18	2	2.28	11	0.5	2.5	0.5	2.73	20	161
01-DU-114	37D	18	530763	7738098	1	2.5	1.8	810	0.3	0.5	4	13	2	1.62	12	0.5	2.5	0.5	2.13	20	147
01-DU-115	37D	18	534000	7732130	4	2.5	2.9	1000	8.1	0.5	14	45	3	3.46	9	0.5	2.5	5	2.09	90	144
01-DU-116	37D	18	538800	7736600	1	2.5	3.4	1300	8.0	0.5	12	47	5	3.31	10	0.5	2.5	0.5	2.44	22	155
01-DU-117	37D	18	542981	7731037	1	2.5	3.0	830	4.7	0.5	14	38	2	3.56	11	0.5	2.5	0.5	2.71	22	121

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-024	0.05	13.6	1.5	0.01	0.03	0.25	20.5	2.7	0.5	109	59.5	105	33	7.5	1.0	0.25	2.9	0.44	21
01-DU-026	0.05	3.4	1.5	0.005	0.03	0.25	21.7	3.7	0.5	25	50.1	80	24	4.7	0.8	0.5	2.0	0.30	32
01-DU-028	0.2	5.4	1.5	0.005	0.03	0.25	27.8	3.6	0.5	96	63.7	106	31	6.1	1.0	0.25	2.1	0.32	27
01-DU-030	0.2	14.5	1.5	0.01	0.03	0.25	26.2	4.7	0.5	25	64.1	116	45	8.3	1.3	0.25	3.4	0.52	21
01-DU-033	0.7	14.4	1.5	0.01	0.07	1.7	20.4	4.8	6	127	57.6	96	33	6.9	1.1	0.9	2.9	0.46	26
01-DU-036	0.05	8.0	1.5	0.005	0.03	0.25	24.2	2.8	0.5	25	65.2	111	35	6.8	0.9	0.9	1.6	0.24	27
01-DU-038	0.05	7.9	1.5	0.005	0.03	0.25	24.9	3.7	0.5	91	61.9	107	36	6.7	1.0	1	2.0	0.32	26
01-DU-042	0.05	7.6	1.5	0.005	0.03	0.25	28.9	3.6	0.5	72	67.1	115	42	7.5	0.9	0.7	2.3	0.33	30
01-DU-043	0.05	7.7	1.5	0.005	0.07	2.1	36.4	4.9	0.5	25	87.1	148	48	9.4	1.1	0.9	2.7	0.41	31
01-DU-044	0.05	10.4	1.5	0.005	0.03	0.25	35.5	4.4	0.5	77	95.4	158	61	9.9	1.4	0.25	2.5	0.39	24
01-DU-045	0.05	7.5	1.5	0.005	0.03	0.25	30.2	4.6	0.5	122	83.3	140	45	8.8	1.2	0.25	2.5	0.40	28
01-DU-047	0.05	8.3	1.5	0.005	0.03	1.6	28.6	3.7	0.5	25	71.9	118	41	7.5	1.0	0.9	2.2	0.34	27
01-DU-048	0.05	15.6	1.5	0.01	0.03	0.8	22.9	6.8	0.5	70	75.6	136	47	9.6	1.5	1.4	3.7	0.55	23
01-DU-055AG	1.6	7.2	4	0.005	0.03	0.25	18.4	3.8	5	25	56.7	95	27	6.5	0.9	1.1	2.4	0.38	27
01-DU-055BG	6.3	12.2	28	0.01	0.03	1.2	11.9	3.0	15	25	41.9	68	22	4.9	0.6	0.25	2.1	0.33	29
01-DU-056	0.05	14.9	1.5	0.01	0.03	0.25	37.6	7.1	0.5	135	89.9	161	61	11.4	1.3	1.3	3.5	0.54	22
01-DU-057	0.2	15.4	1.5	0.005	0.03	2.1	30.0	6.7	0.5	131	68.1	119	35	7.2	1.3	0.9	2.5	0.40	22
01-DU-058	0.2	14.9	1.5	0.005	0.05	0.25	18.2	3.2	0.5	84	50.0	84	33	6.5	1.4	0.8	2.9	0.44	29
01-DU-061	0.05	16.4	1.5	0.005	0.03	0.25	17.5	3.6	0.5	116	59.5	97	35	7.8	1.4	1.1	3.4	0.52	27
01-DU-062	0.05	15.0	1.5	0.005	0.03	0.25	12.8	2.9	0.5	102	43.4	75	28	5.6	1.2	0.9	2.2	0.33	26
01-DU-063	0.6	18.5	1.5	0.005	0.03	0.25	14.0	4.7	5	88	55.3	95	31	7.1	1.4	1.4	3.0	0.45	27
01-DU-064	0.2	19.1	1.5	0.01	0.03	0.25	26.4	4.7	0.5	138	90.9	164	59	11.9	2.1	1.4	4.2	0.63	26
01-DU-068	0.05	4.2	1.5	0.005	0.03	0.25	22.9	4.4	0.5	25	48.7	90	22	4.9	1.0	0.25	1.9	0.29	31
01-DU-071	0.05	5.0	1.5	0.005	0.03	0.25	12.9	4.2	0.5	58	28.8	67	14	3.0	0.7	0.6	1.5	0.24	34
01-DU-072	0.05	11.7	1.5	0.005	0.03	3.6	26.7	9.0	0.5	25	61.3	103	35	6.8	1.3	0.25	3.3	0.52	27
01-DU-074	0.05	6.1	1.5	0.005	0.03	2	18.6	7.2	0.5	25	38.6	72	22	5.4	1.2	0.9	2.3	0.36	30
01-DU-075	0.2	5.5	1.5	0.005	0.08	0.25	17.3	6.0	0.5	25	40.2	89	22	4.1	0.8	0.25	1.9	0.29	32
01-DU-076	0.05	4.8	1.5	0.005	0.03	0.25	12.7	3.0	0.5	79	26.9	47	16	3.2	0.8	0.25	1.5	0.23	30
01-DU-077	0.05	2.9	1.5	0.005	0.03	0.25	21.1	3.1	0.5	25	47.8	75	25	4.8	1.3	0.25	1.4	0.24	33
01-DU-083	0.05	2.6	1.5	0.005	0.03	0.25	20.3	3.9	0.5	25	53.6	84	26	4.3	0.9	0.25	1.1	0.16	33
01-DU-084	0.05	3.1	1.5	0.005	0.03	1.4	21.0	3.4	0.5	25	46.3	73	24	4.2	0.6	0.25	1.5	0.23	30
01-DU-086	0.05	9.7	1.5	0.005	0.03	0.25	11.4	4.7	0.5	88	29.0	48	17	3.3	0.9	0.25	1.6	0.24	28
01-DU-089	0.05	7.0	1.5	0.005	0.08	2.5	20.4	8.8	0.5	56	42.4	68	19	4.4	1.0	0.25	2.2	0.33	31
01-DU-093	0.05	4.0	1.5	0.005	0.03	0.25	22.8	4.6	0.5	64	44.2	73	20	4.2	0.9	0.6	1.3	0.23	33
01-DU-094	0.05	6.3	1.5	0.005	0.03	0.25	11.0	3.6	0.5	98	23.1	42	11	2.8	0.6	0.25	1.6	0.25	32
01-DU-095	0.8	14.2	1.5	0.005	0.03	1.6	23.3	6.7	0.5	308	60.5	102	31	7.2	1.1	1	3.1	0.48	24
01-DU-096	0.5	15.0	1.5	0.005	0.03	0.25	20.0	5.9	0.5	145	62.6	102	34	7.3	1.3	1	2.8	0.44	25
01-DU-097	0.05	9.5	1.5	0.005	0.03	0.25	19.5	4.4	0.5	172	48.8	82	31	5.8	0.8	0.9	2.3	0.36	26
01-DU-098	0.05	4.8	1.5	0.005	0.08	2.2	34.5	5.9	0.5	69	79.7	141	39	6.8	1.0	0.25	2.2	0.34	31
01-DU-099	0.05	5.1	1.5	0.005	0.03	2.2	22.2	4.4	0.5	25	62.1	110	32	5.7	1.1	0.25	2.2	0.33	31
01-DU-106	0.05	9.1	1.5	0.005	0.05	0.25	15.2	6.4	0.5	78	40.3	65	23	4.2	1.0	0.25	1.5	0.25	28
01-DU-107	0.05	9.8	1.5	0.005	0.03	0.25	16.1	5.2	0.5	71	37.9	60	19	3.8	0.9	0.7	1.6	0.24	23
01-DU-108	0.2	3.1	1.5	0.005	0.03	0.25	24.4	3.1	0.5	25	43.0	74	22	4.5	0.9	0.25	1.6	0.25	33
01-DU-111	0.05	7.3	1.5	0.005	0.03	1.4	39.2	8.5	0.5	25	62.2	102	37	6.7	1.1	0.9	3.0	0.45	32
01-DU-113	0.05	6.2	1.5	0.005	0.03	2.6	31.1	6.3	0.5	25	62.4	106	33	5.9	1.1	0.25	2.5	0.37	28
01-DU-114	0.05	5.4	1.5	0.005	0.05	2.4	21.4	7.0	0.5	25	45.6	69	25	4.6	1.0	0.6	2.4	0.36	32
01-DU-115	0.05	9.3	1.5	0.005	0.03	2.1	30.5	4.0	0.5	125	67.2	115	35	7.0	1.1	0.9	2.6	0.40	28
01-DU-116	0.3	9.4	1.5	0.005	0.10	2.2	26.9	5.7	0.5	95	59.4	103	31	6.6	1.2	0.25	2.5	0.39	24
01-DU-117	0.05	9.6	1.5	0.005	0.05	0.25	22.4	4.2	0.5	25	57.2	92	32	5.2	1.1	0.25	1.6	0.25	25

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-119	37D	18	504534	7761712	88	2.5	29.2	730	5.8	3	16	93	3	3.50	21	0.5	2.5	9	2.62	35	129
01-DU-120	37D	18	506006	7754273	1	2.5	2.7	800	5.2	0.5	14	158	3	4.24	13	0.5	2.5	0.5	2.64	37	197
01-DU-121	37D	18	510678	7749430	1	2.5	1.5	820	3.2	5	5	18	0.5	1.80	6	0.5	2.5	0.5	3.00	30	111
01-DU-123	37D	18	521042	7742043	1	2.5	2.4	800	0.3	0.5	11	17	3	3.23	10	0.5	2.5	0.5	2.57	35	209
01-DU-124	37D	18	521284	7739852	1	2.5	1.7	800	0.3	0.5	7	17	2	2.07	12	0.5	2.5	0.5	2.37	30	160
01-DU-125	37D	18	514368	7730560	1	2.5	1.4	720	1.3	0.5	5	8	2	1.27	11	0.5	2.5	0.5	2.62	27	134
01-DU-126	37D	18	574638	7733808	1	2.5	4.2	820	12.8	0.5	17	37	3	6.21	18	0.5	2.5	20	1.92	43	286
01-DU-127	37D	18	584800	7725200	1	2.5	3.1	930	3.5	0.5	11	32	7	3.28	11	0.5	2.5	0.5	2.49	35	151
01-DU-128	37D	18	587900	7725300	1	2.5	3.0	620	0.3	0.5	15	27	5	3.73	15	0.5	2.5	10	2.89	37	200
01-DU-129	37D	18	596072	7722228	1	2.5	4.1	710	0.3	0.5	18	36	5	4.77	13	0.5	2.5	0.5	2.46	37	209
01-DU-130	37D	18	593085	7720374	1	2.5	3.5	860	0.3	0.5	13	23	2	3.42	11	0.5	2.5	0.5	2.92	35	204
01-DU-131	37D	18	600640	7719708	5	2.5	3.6	510	0.3	0.5	9	13	3	2.73	16	0.5	2.5	0.5	2.74	32	165
01-DU-132	37D	18	609205	7717440	1	2.5	6.1	950	0.3	2	18	89	4	4.79	22	0.5	2.5	0.5	3.17	38	114
01-DU-132B	37D	18	609205	7717440	2	2.5	3.7	840	0.3	2	13	46	4	3.87	12	0.5	2.5	5	3.10	32	140
01-DU-133	37D	18	602283	7706913	10	2.5	109.0	480	0.3	1	6	97	8	9.66	6	0.5	2.5	45	1.13	26	159
01-DU-134	37D	18	605044	7705407	1	2.5	41.2	920	0.3	2	12	63	9	6.09	10	0.5	2.5	16	1.63	33	186
01-DU-134A	37D	18	605044	7705407	1	2.5	1.9	840	0.3	0.5	13	27	4	3.90	12	0.5	2.5	0.5	2.78	33	195
01-DU-136	37D	18	596252	7703315	5	2.5	249.0	460	1.3	0.5	3	144	12	14.00	6	0.5	2.5	206	0.48	26	130
01-DU-136G	37D	18	596252	7703315	6	2.5	233.0	410	1.5	0.5	2	100	10	9.96	4	0.5	2.5	51	0.33	25	139
01-DU-137	37D	18	603705	7697306	1	2.5	21.0	680	2.4	0.5	9	77	9	4.13	8	0.5	2.5	6	1.95	27	195
01-DU-140	37D	18	612008	7698836	1	2.5	40.3	1000	6.7	0.5	12	77	19	5.13	17	0.5	2.5	0.5	1.36	38	249
01-DU-143	37D	18	617249	7708699	1	2.5	18.9	860	0.3	1	13	87	12	4.50	9	0.5	2.5	0.5	2.32	32	218
01-DU-144	37D	18	609632	7678583	1	2.5	31.9	880	1.4	0.5	7	132	6	4.50	4	0.5	2.5	4	1.14	28	137
01-DU-145	37D	18	611800	7677500	12	2.5	113.0	640	1.5	0.5	12	123	6	4.13	7	0.5	2.5	0.5	2.03	28	122
01-DU-147	37A	18	613095	7597969	1	2.5	4.1	930	0.3	0.5	13	177	12	5.07	10	0.5	2.5	7	1.25	30	213
01-DU-148	37A	18	616369	7594939	6	2.5	9.1	790	13.3	0.5	12	177	11	6.63	10	0.5	2.5	8	1.59	31	180
01-DU-149	37A	18	619076	7585679	8	2.5	2.4	740	5.2	0.5	12	53	2	3.14	12	0.5	2.5	0.5	1.82	25	126
01-DU-150	37A	18	620376	7583173	9	2.5	3.5	590	2.1	0.5	18	83	5	4.41	9	0.5	2.5	0.5	1.55	26	197
01-DU-151	37A	18	613430	7584340	1	2.5	3.3	710	6.4	0.5	15	74	3	4.24	14	0.5	2.5	0.5	1.63	27	188
01-DU-152	37A	18	611906	7592875	5	2.5	7.4	670	5.1	0.5	8	131	7	3.48	8	0.5	2.5	0.5	1.82	25	121
01-DU-152G	37A	18	611906	7592875	4	2.5	6.5	630	1.7	0.5	3	187	4	9.05	10	0.5	2.5	8	1.33	27	92
01-DU-153	37A	18	597315	7571602	1	2.5	2.1	680	0.3	0.5	9	45	2	2.40	9	0.5	2.5	2	2.01	25	159
01-DU-154	37A	18	590447	7578544	1	2.5	5.2	800	4.6	0.5	10	69	3	2.87	11	0.5	2.5	0.5	2.06	29	122
01-DU-154B	37A	18	590447	7578544	1	2.5	6.7	660	14.0	0.5	13	69	4	3.05	8	0.5	2.5	0.5	1.92	24	129
01-DU-155	37A	18	597480	7588170	2	2.5	10.1	860	2.6	0.5	8	87	4	3.60	10	0.5	2.5	0.5	1.84	24	109
01-DU-156	37D	18	519569	7694628	1	2.5	1.3	1000	10.2	0.5	13	33	3	3.86	14	0.5	2.5	0.5	2.08	23	123
01-DU-157	37D	18	509225	7698489	1	2.5	1.6	750	4.2	3	14	58	3	4.00	8	0.5	2.5	0.5	2.45	23	103
01-DU-158	37D	18	502824	7710854	5	2.5	3.9	1000	7.6	3	11	36	5	3.26	10	0.5	2.5	0.5	2.02	24	160
01-DU-159	37D	18	500500	7723100	2	2.5	2.1	980	13.5	0.5	5	30	3	3.15	20	0.5	2.5	0.5	2.93	32	185
01-DU-160	37D	18	488171	7710498	1	2.5	1.5	830	2.4	2	3	8	1	1.26	12	0.5	2.5	0.5	2.71	21	122
01-DU-161	37D	18	495305	7709050	1	2.5	1.4	780	5.5	2	4	13	2	1.77	10	0.5	2.5	0.5	2.72	22	153
01-DU-162	37D	18	503769	7703312	5	2.5	11.4	620	10.4	0.5	30	115	10	6.18	9	0.5	2.5	6	1.03	25	219
01-DU-164	37D	18	518247	7683741	5	2.5	2.5	1100	1.5	2	11	30	0.5	3.36	10	0.5	2.5	0.5	2.80	100	144
01-DU-165	37D	18	586867	7697061	1	2.5	17.5	900	10.3	0.5	15	69	10	6.96	23	0.5	2.5	0.5	1.37	34	184
01-DU-165G	37D	18	586867	7697061	36	2.5	53.6	630	0.3	0.5	3	174	14	28.90	5	0.5	2.5	263	0.62	30	162
01-DU-166	37D	18	589342	7690485	1	2.5	32.5	1100	6.4	0.5	10	86	10	6.14	10	0.5	2.5	10	1.46	25	167
01-DU-166G	37D	18	589342	7690485	5	2.5	52.5	860	0.3	0.5	4	93	10	27.90	6	0.5	2.5	75	0.74	27	120
01-DU-167	37D	18	596600	7690177	5	2.5	25.4	660	0.3	3	9	121	11	4.53	6	0.5	2.5	4	1.96	23	151
01-DU-168	37D	18	585200	7679300	4	2.5	30.2	690	0.3	0.5	9	97	10	4.02	6	0.5	2.5	6	1.87	22	149

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-119	0.05	11.1	1.5	0.005	0.03	0.25	48.1	21.3	0.5	25	78.1	155	48	10.5	1.8	0.9	4.4	0.65	6.4
01-DU-120	0.05	11.9	1.5	0.01	0.03	0.3	35.4	17.1	0.5	25	70.4	126	34	7.7	1.4	0.25	2.7	0.41	24
01-DU-121	0.05	5.1	1.5	0.01	0.03	0.25	15.5	4.3	0.5	117	35.5	58	14	3.7	0.9	0.25	1.1	0.18	32
01-DU-123	0.05	8.5	1.5	0.01	0.03	0.3	38.7	12.2	0.5	25	81.1	122	35	6.3	1.2	0.25	2.2	0.33	24
01-DU-124	0.05	5.7	1.5	0.01	0.03	0.25	32.0	9.2	0.5	25	57.4	87	29	5.4	1.0	0.25	2.5	0.39	26
01-DU-125	0.05	4.0	1.5	0.005	0.03	2.5	23.9	6.4	0.5	25	33.1	59	17	4.0	0.9	0.25	2.3	0.35	32
01-DU-126	0.05	14.0	1.5	0.01	0.03	0.25	104.0	22.1	0.5	170	163.0	263	75	13.4	1.6	1.9	3.2	0.48	19
01-DU-127	0.05	10.5	1.5	0.01	0.03	0.25	35.8	8.9	0.5	169	92.1	145	45	6.7	1.0	0.25	2.0	0.31	24
01-DU-128	0.3	10.7	1.5	0.01	0.03	0.25	43.7	14.9	0.5	129	103.0	168	51	8.2	1.4	0.25	3.0	0.45	25
01-DU-129	0.05	12.5	1.5	0.01	0.03	0.25	65.3	28.0	0.5	103	156.0	258	80	13.3	1.9	1.8	4.1	0.61	26
01-DU-130	0.2	10.4	1.5	0.01	0.03	0.25	37.4	18.2	0.5	25	86.8	153	45	7.5	1.3	0.25	3.2	0.48	26
01-DU-131	0.05	10.2	1.5	0.01	0.03	0.25	36.7	20.5	0.5	25	78.6	127	37	7.2	1.2	0.25	3.7	0.55	30
01-DU-132	0.05	16.6	4	0.01	0.03	1.7	46.7	15.7	0.5	179	110.0	187	72	11.9	2.5	0.25	4.7	0.72	13
01-DU-132B	0.05	11.3	1.5	0.01	0.03	1.6	27.2	6.6	0.5	136	80.1	124	48	6.4	1.3	0.25	1.9	0.28	26
01-DU-133	10.4	12.8	7	0.005	0.03	1.2	26.8	5.7	4	219	52.4	80	32	4.7	1.0	0.25	2.2	0.33	28
01-DU-134	3.7	14.1	1.5	0.01	0.03	2.1	47.1	8.0	6	154	175.0	284	100	13.9	2.1	1.5	3.0	0.46	24
01-DU-134A	0.2	11.4	1.5	0.01	0.03	3.6	56.3	20.5	0.5	123	126.0	212	75	10.8	1.5	1.4	3.5	0.53	25
01-DU-136	12.3	16.5	18	0.01	0.03	1.6	26.1	13.2	20	245	21.8	31	13	1.7	0.5	0.25	1.0	0.15	25
01-DU-136G	6.2	15.2	10	0.01	0.03	1.2	28.0	6.6	7	121	50.1	83	32	5.0	0.5	0.25	1.3	0.21	25
01-DU-137	1	13.1	1.5	0.005	0.03	1.4	30.1	8.4	0.5	115	61.9	102	42	6.8	1.2	0.25	2.3	0.35	29
01-DU-140	0.8	15.1	1.5	0.01	0.03	3	128.0	19.6	7	174	230.0	358	150	22.0	3.2	2.7	4.8	0.72	20
01-DU-143	1	14.4	1.5	0.01	0.03	2.3	37.9	12.4	4	163	77.8	125	52	8.0	1.3	0.25	2.9	0.44	23
01-DU-144	0.6	20.5	3	0.005	0.03	1	18.6	4.1	0.5	133	55.7	95	40	6.7	1.3	0.25	2.7	0.40	28
01-DU-145	0.05	18.8	1.5	0.01	0.03	0.25	16.8	4.0	0.5	25	62.2	100	34	7.7	1.7	0.25	3.0	0.45	27
01-DU-147	0.05	20.3	1.5	0.01	0.03	0.25	61.0	11.1	9	82	162.0	269	89	19.1	2.4	2.5	6.0	0.91	25
01-DU-148	0.05	18.6	1.5	0.01	0.03	0.25	46.7	11.6	8	91	133.0	224	85	15.9	1.9	1.9	5.4	0.82	23
01-DU-149	0.05	10.7	1.5	0.005	0.03	0.25	34.0	7.5	0.5	25	88.2	151	51	10.4	1.2	1.1	3.3	0.50	27
01-DU-150	0.05	13.9	1.5	0.005	0.03	1.7	33.9	5.5	0.5	74	81.4	139	46	9.5	1.3	0.25	2.8	0.42	26
01-DU-151	0.05	14.2	1.5	0.01	0.03	1.3	51.8	17.9	0.5	133	118.0	209	69	14.8	1.6	1.8	4.5	0.70	26
01-DU-152	0.05	14.0	1.5	0.005	0.03	1.6	36.1	7.4	4	77	104.0	176	63	12.5	1.6	1.6	4.6	0.74	30
01-DU-152G	0.05	15.4	1.5	0.005	0.03	1.4	42.2	6.8	7	25	97.7	157	55	10.7	1.4	1.2	3.7	0.55	27
01-DU-153	0.05	9.5	1.5	0.005	0.03	0.25	29.4	4.0	0.5	25	71.5	126	43	8.3	1.2	1.6	2.3	0.36	26
01-DU-154	0.05	11.2	1.5	0.005	0.03	0.25	36.6	7.9	0.5	72	91.7	155	57	11.0	1.4	1.1	4.0	0.63	29
01-DU-154B	0.05	10.4	1.5	0.005	0.03	0.25	25.2	7.9	0.5	67	68.6	117	39	8.2	1.2	0.25	2.8	0.42	27
01-DU-155	0.05	10.9	1.5	0.005	0.03	0.25	51.0	11.4	5	25	104.0	169	61	12.1	1.5	1.3	4.0	0.60	29
01-DU-156	0.05	11.3	1.5	0.005	0.03	1.9	43.4	6.8	0.5	97	95.3	169	49	9.3	1.6	1.1	2.5	0.38	31
01-DU-157	0.05	12.6	1.5	0.005	0.03	0.25	14.2	2.3	0.5	86	52.3	86	26	5.7	1.3	0.8	1.6	0.24	34
01-DU-158	0.05	9.1	1.5	0.005	0.03	0.25	35.7	4.6	2	120	72.9	137	38	6.8	1.2	0.25	2.4	0.36	27
01-DU-159	0.05	7.3	1.5	0.01	0.03	0.25	54.5	7.6	0.5	93	75.8	130	38	7.2	1.2	0.25	2.8	0.44	16
01-DU-160	0.05	3.2	1.5	0.005	0.03	0.25	23.1	5.3	0.5	25	51.6	85	25	5.3	0.9	1	2.1	0.34	30
01-DU-161	0.05	5.2	1.5	0.005	0.03	0.25	25.1	5.1	0.5	25	47.9	89	24	4.7	0.9	0.9	2.3	0.32	29
01-DU-162	0.3	18.4	1.5	0.005	0.03	1.5	29.7	7.2	0.5	339	86.7	150	49	10.4	1.3	1.6	3.6	0.54	24
01-DU-164	0.05	11.0	1.5	0.005	0.03	0.25	32.4	7.4	0.5	25	101.0	187	49	9.1	1.6	0.25	2.3	0.31	28
01-DU-165	1	16.1	1.5	0.01	0.03	4	92.9	10.1	5	98	230.0	394	130	25.4	4.3	2.9	4.7	0.72	19
01-DU-165G	7.6	16.8	44	0.01	0.03	0.25	20.6	6.3	13	174	20.3	32	13	2.3	0.6	0.25	1.1	0.16	21
01-DU-166	1.5	14.4	1.5	0.005	0.03	1.9	46.5	8.4	0.5	226	101.0	162	52	10.1	1.5	1.3	3.1	0.47	26
01-DU-166G	2.8	11.8	41	0.005	0.03	1.6	27.8	2.8	15	139	56.4	86	27	5.8	0.8	0.25	1.9	0.30	27
01-DU-167	0.6	16.7	1.5	0.005	0.03	1.5	24.9	6.3	4	124	67.3	110	43	7.8	1.4	1	2.8	0.42	29
01-DU-168	0.5	15.0	1.5	0.005	0.03	0.25	26.5	8.6	0.5	25	68.9	112	34	7.6	1.3	0.9	2.7	0.43	31

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-169	37D	18	597541	7682408	6	2.5	27.8	800	3.2	0.5	9	98	10	5.06	7	0.5	2.5	6	1.89	25	178
01-DU-170	37D	18	612149	7667507	1	2.5	47.1	840	0.3	0.5	14	118	6	3.91	4	0.5	2.5	0.5	1.81	68	159
01-DU-171	37D	18	617007	7688094	5	2.5	22.7	930	0.3	0.5	8	127	8	3.75	5	0.5	2.5	3	1.59	23	172
01-DU-172	37D	18	598322	7664303	1	2.5	50.9	670	0.3	0.5	10	99	5	3.55	5	0.5	2.5	4	1.82	32	92
01-DU-175	37D	18	550185	7721224	1	2.5	1.9	950	4.4	0.5	17	75	0.5	5.99	10	0.5	2.5	0.5	2.12	28	111
01-DU-176	37D	18	548736	7730021	1	2.5	1.5	940	2.1	0.5	9	31	0.5	2.70	11	0.5	2.5	0.5	2.99	22	80
01-DU-179	37D	18	540081	7739422	1	2.5	2.2	760	1.3	2	5	14	2	1.61	8	0.5	2.5	0.5	2.83	20	127
01-DU-180	37D	18	543129	7738099	1	2.5	2.0	1100	6.7	3	9	27	3	2.89	12	0.5	2.5	0.5	2.84	25	135
01-DU-181	37D	18	580572	7713753	1	2.5	2.2	860	0.3	0.5	9	19	1	2.77	13	0.5	2.5	0.5	2.97	24	158
01-DU-182	37D	18	580381	7706183	1	2.5	2.3	730	0.3	2	7	12	1	1.87	13	0.5	2.5	0.5	2.94	23	166
01-DU-183	37D	18	583907	7701028	1	2.5	14.1	860	0.3	0.5	22	143	14	7.35	8	0.5	2.5	13	1.36	28	225
01-DU-185	37D	18	532760	7695480	1	2.5	1.6	960	3.4	0.5	9	32	1	2.68	10	0.5	2.5	0.5	2.73	30	70
01-DU-186	37D	18	540787	7697472	3	2.5	1.5	900	4.0	2	4	16	0.5	1.69	13	0.5	2.5	0.5	2.85	89	75
01-DU-187	37D	18	527511	7700851	1	2.5	1.9	1100	0.3	0.5	9	39	0.5	2.90	11	0.5	2.5	0.5	2.63	66	89
01-DU-188	37D	18	520182	7704316	6	2.5	2.9	860	0.3	0.5	15	72	2	3.62	12	0.5	2.5	0.5	2.15	25	132
01-DU-189	37D	18	515909	7711970	1	2.5	2.5	950	1.1	3	7	24	1	2.37	10	0.5	2.5	0.5	2.85	57	104
01-DU-190	37D	18	517643	7724651	1	2.5	3.7	990	6.3	0.5	11	37	4	3.08	10	0.5	2.5	0.5	2.44	24	163
01-DU-191	37D	18	521846	7729415	1	2.5	3.3	800	0.3	0.5	3	2.5	1	1.19	8	0.5	2.5	0.5	2.92	20	100
01-DU-192	37D	18	525033	7720150	1	2.5	1.5	980	0.3	3	5	22	0.5	1.61	11	0.5	2.5	3	3.14	33	63
01-DU-193	37D	18	536624	7719708	1	2.5	0.3	940	14.6	0.5	13	54	4	4.00	11	0.5	2.5	0.5	2.52	37	170
01-DU-195	37D	18	555108	7712557	1	2.5	7.9	1000	0.3	0.5	19	58	4	5.29	13	0.5	2.5	5	2.40	43	147
01-DU-196	37A	18	575216	7623071	6	2.5	35.1	780	2.7	0.5	17	102	6	3.51	4	0.5	2.5	0.5	2.04	210	114
01-DU-197	37A	18	580012	7622718	1	2.5	57.4	900	0.3	0.5	16	113	7	4.30	5	0.5	2.5	0.5	2.06	39	147
01-DU-198	37A	18	567200	7611700	1	2.5	59.4	570	7.3	0.5	12	106	9	3.78	7	0.5	2.5	0.5	2.26	265	141
01-DU-199	37A	18	573232	7610655	1	2.5	65.9	1000	10.7	0.5	16	136	17	4.61	7	0.5	2.5	0.5	1.80	45	139
01-DU-200	37A	18	566850	7605200	6	2.5	85.5	860	3.6	0.5	23	150	18	5.95	6	0.5	2.5	0.5	1.62	46	166
01-DU-201	37A	18	565321	7600362	1	2.5	80.3	660	3.1	0.5	22	242	9	4.81	9	0.5	2.5	0.5	1.98	42	171
01-DU-202	37A	18	574768	7594875	6	2.5	18.5	780	1.3	0.5	17	101	6	4.33	11	0.5	2.5	0.5	1.76	42	218
01-DU-203	37A	18	578732	7610594	2	2.5	51.9	960	0.3	0.5	13	120	10	4.80	8	0.5	2.5	6	2.07	45	158
01-DU-206	37A	18	587529	7618844	1	2.5	63.0	620	3.1	0.5	14	105	6	3.69	5	0.5	2.5	0.5	1.72	30	157
01-DU-207	37A	18	581917	7614655	8	2.5	43.4	930	26.3	0.5	24	168	11	6.47	5	0.5	2.5	0.5	1.66	41	208
01-DU-209	37A	18	599947	7612093	6	2.5	29.0	730	0.3	0.5	13	96	6	3.54	5	0.5	2.5	4	1.99	29	112
01-DU-210	37A	18	602631	7602127	1	2.5	16.7	750	0.3	3	14	96	9	3.65	7	0.5	2.5	0.5	1.74	30	150
01-DU-211	37A	18	604972	7615651	1	2.5	25.6	730	0.3	2	12	93	6	3.54	4	0.5	2.5	0.5	1.96	29	146
01-DU-212	37A	18	610585	7607871	5	2.5	22.5	860	0.3	0.5	18	139	13	5.34	6	0.5	2.5	0.5	1.58	32	187
01-DU-213	37A	18	596930	7619346	1	2.5	66.3	690	10.5	2	15	99	8	3.85	5	0.5	2.5	0.5	1.63	141	127
01-DU-214	37A	18	594180	7629959	1	2.5	31.3	540	0.3	2	13	94	6	3.35	5	0.5	2.5	0.5	1.71	28	118
01-DU-215	37A	18	597796	7636398	1	2.5	22.2	670	0.3	0.5	9	78	5	2.89	3	0.5	2.5	0.5	1.98	26	103
01-DU-216	37A	18	602904	7643727	6	2.5	23.5	680	0.3	2	11	99	5	3.40	4	0.5	2.5	0.5	1.80	28	100
01-DU-217	37A	18	605683	7649687	1	2.5	35.5	720	0.3	0.5	12	93	5	3.27	4	0.5	2.5	0.5	1.88	28	90
01-DU-218	37A	18	613532	7646039	2	2.5	72.1	480	0.3	0.5	8	84	5	2.93	4	0.5	2.5	4	1.84	22	68
01-DU-219	37A	18	564660	7633719	1	2.5	47.7	710	1.7	0.5	16	117	6	4.14	5	0.5	2.5	0.5	1.89	129	104
01-DU-222	37A	18	532627	7652962	1	2.5	48.6	660	2.7	0.5	13	88	6	3.37	5	0.5	2.5	0.5	2.00	27	144
01-DU-223	37A	18	534777	7648889	5	2.5	20.3	550	9.1	0.5	6	65	4	1.99	5	0.5	2.5	0.5	2.02	23	79
01-DU-224	37A	18	538899	7645767	1	2.5	40.9	470	2.4	2	8	73	5	2.61	6	0.5	2.5	6	2.22	27	122
01-DU-226	37A	18	547063	7641062	6	2.5	42.0	640	2.0	0.5	10	100	6	3.45	5	0.5	2.5	1	1.94	27	120
01-DU-227	37A	18	560066	7645291	3	2.5	23.6	520	3.3	2	10	86	4	2.65	4	0.5	2.5	0.5	2.01	25	91
01-DU-230	37D	18	517632	7659489	6	2.5	36.7	570	2.0	2	13	80	7	3.97	5	0.5	2.5	0.5	1.57	23	113
01-DU-231	37D	18	525943	7672334	1	2.5	12.2	630	6.1	11	10	42	5	3.00	7	0.5	2.5	2	0.86	21	124

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-169	0.5	15.3	1.5	0.005	0.03	0.25	33.1	7.2	0.5	25	75.1	118	38	8.3	1.4	1.1	2.9	0.44	25
01-DU-170	0.3	17.6	1.5	0.005	0.03	1.2	16.1	3.3	4	102	54.8	88	32	6.6	1.4	1	2.5	0.40	28
01-DU-171	0.5	17.4	1.5	0.005	0.03	0.25	25.3	4.7	4	69	72.1	118	46	8.3	1.3	0.25	2.2	0.35	27
01-DU-172	0.4	15.6	1.5	0.005	0.03	0.25	15.5	4.5	4	56	52.1	85	29	6.3	1.3	0.9	2.3	0.35	28
01-DU-175	0.05	14.2	1.5	0.01	0.03	0.25	32.1	3.1	0.5	145	122.0	188	57	8.9	1.7	1.2	1.7	0.26	24
01-DU-176	0.05	9.7	1.5	0.005	0.03	0.25	23.5	2.3	0.5	25	61.0	97	35	6.1	1.1	0.25	1.7	0.25	35
01-DU-179	0.05	4.4	1.5	0.005	0.03	0.25	19.5	5.4	0.5	25	38.9	65	19	4.2	0.8	0.25	2.1	0.33	32
01-DU-180	0.05	8.1	1.5	0.005	0.03	0.25	31.7	4.6	0.5	25	69.1	113	36	6.7	1.3	1.2	1.9	0.29	27
01-DU-181	0.05	10.5	1.5	0.005	0.03	0.25	34.7	19.6	0.5	78	83.3	142	44	7.9	1.4	0.9	3.4	0.53	33
01-DU-182	0.05	8.1	1.5	0.005	0.03	0.25	26.0	10.0	0.5	25	62.2	127	34	6.3	1.1	0.25	3.3	0.50	32
01-DU-183	0.05	19.3	1.5	0.005	0.03	2	35.3	10.8	11	164	87.1	144	52	9.4	1.4	1.3	3.1	0.48	22
01-DU-185	0.05	9.8	1.5	0.005	0.03	0.25	16.0	1.9	0.5	88	45.8	73	25	5.1	1.2	0.7	1.5	0.26	31
01-DU-186	0.05	4.7	1.5	0.005	0.03	0.25	20.3	2.4	0.5	25	46.3	70	21	4.9	1.2	0.6	1.5	0.26	36
01-DU-187	0.05	9.3	1.5	0.005	0.03	1.2	20.3	2.3	0.5	86	64.7	103	31	6.4	1.4	0.7	1.7	0.25	29
01-DU-188	0.05	12.5	1.5	0.005	0.03	0.25	28.0	7.7	0.5	155	75.0	122	41	7.5	1.3	0.25	2.2	0.35	25
01-DU-189	0.05	7.7	1.5	0.005	0.03	0.25	16.5	3.0	0.5	60	48.8	76	21	4.9	1.2	0.25	1.5	0.24	33
01-DU-190	0.05	9.0	1.5	0.005	0.03	1.9	30.1	4.9	0.5	25	75.3	126	39	7.9	1.3	0.25	2.8	0.42	26
01-DU-191	0.05	3.3	1.5	0.005	0.03	0.25	19.6	3.5	0.5	25	46.3	69	23	4.3	0.8	0.25	1.7	0.25	32
01-DU-192	0.05	6.4	1.5	0.01	0.03	1.4	17.6	2.6	0.5	25	40.6	67	19	4.6	1.2	0.25	1.9	0.29	36
01-DU-193	0.05	11.7	1.5	0.01	0.03	0.25	23.3	4.3	0.5	90	59.1	97	28	6.6	1.4	0.25	1.7	0.27	30
01-DU-195	0.4	15.2	1.5	0.01	0.03	1.6	40.0	6.0	0.5	121	115.0	194	52	10.3	1.7	0.25	2.9	0.43	27
01-DU-196	0.05	16.5	1.5	0.01	0.03	0.25	12.9	2.3	4	124	47.0	85	28	6.3	1.2	1.4	2.5	0.41	29
01-DU-197	0.1	17.7	1.5	0.01	0.03	0.25	15.1	5.9	5	25	50.3	87	31	6.7	1.4	0.25	3.0	0.42	28
01-DU-198	0.3	16.2	1.5	0.01	0.03	0.25	25.6	6.6	7	139	84.7	146	54	10.8	1.9	1.9	4.2	0.63	27
01-DU-199	0.2	19.1	1.5	0.01	0.03	0.25	25.8	5.4	6	151	84.2	145	50	11.1	1.8	1.6	4.4	0.66	22
01-DU-200	0.05	21.7	1.5	0.01	0.03	1.4	24.0	9.7	0.5	25	83.1	146	61	11.4	1.8	0.25	3.9	0.60	22
01-DU-201	0.4	17.8	1.5	0.01	0.03	3.3	31.8	11.6	8	95	91.1	162	63	12.3	1.7	1.6	4.9	0.66	26
01-DU-202	0.3	15.2	1.5	0.01	0.03	2.5	41.3	14.7	4	25	102.0	178	59	13.5	1.5	2.1	4.5	0.67	25
01-DU-203	0.3	19.1	1.5	0.01	0.03	0.25	35.4	9.4	0.5	25	115.0	198	73	14.2	2.3	1.6	5.0	0.75	25
01-DU-206	0.05	15.5	1.5	0.01	0.03	0.25	15.1	3.2	5	106	49.8	84	32	6.5	1.2	0.25	2.5	0.49	27
01-DU-207	0.05	23.3	1.5	0.01	0.03	0.25	17.9	4.3	9	25	53.7	100	33	7.2	1.3	0.25	2.7	0.41	18
01-DU-209	0.05	15.3	1.5	0.01	0.03	0.25	17.4	5.5	0.5	25	56.3	103	34	7.5	1.3	0.25	3.2	0.45	29
01-DU-210	0.05	14.6	1.5	0.01	0.03	0.25	23.4	9.2	0.5	85	76.4	130	49	9.9	1.4	1.3	3.8	0.56	28
01-DU-211	0.05	15.3	1.5	0.01	0.03	0.25	15.8	3.8	5	65	52.0	90	31	6.7	1.3	0.25	2.7	0.42	29
01-DU-212	0.2	20.2	1.5	0.01	0.03	0.25	22.0	7.7	6	188	67.4	123	45	9.1	1.5	0.25	3.9	0.58	26
01-DU-213	0.3	15.3	1.5	0.01	0.03	0.25	16.6	4.5	0.5	65	53.0	94	41	7.0	1.3	0.8	2.8	0.44	26
01-DU-214	0.05	15.0	1.5	0.01	0.03	0.25	11.4	4.0	0.5	25	41.2	72	24	5.4	1.2	0.25	2.3	0.36	29
01-DU-215	0.4	13.7	1.5	0.005	0.03	0.25	9.9	3.1	4	25	32.7	56	19	4.3	1.1	0.7	2.2	0.35	30
01-DU-216	0.5	14.8	1.5	0.01	0.03	0.25	8.9	3.3	0.5	90	36.0	65	23	4.7	1.1	0.9	2.5	0.36	28
01-DU-217	0.1	14.6	1.5	0.01	0.03	0.25	10.1	1.8	0.5	109	40.0	68	23	5.4	1.1	0.25	2.7	0.41	29
01-DU-218	0.05	11.7	1.5	0.005	0.03	1.5	8.9	2.5	0.5	57	33.4	52	15	3.8	1.1	0.25	2.3	0.35	35
01-DU-219	0.3	16.7	1.5	0.005	0.03	0.25	13.2	2.5	0.5	101	49.1	83	36	6.3	1.4	0.25	2.9	0.42	26
01-DU-222	0.3	14.0	1.5	0.01	0.03	1.3	19.4	3.8	0.5	92	63.8	115	44	8.7	1.6	0.25	3.4	0.50	29
01-DU-223	0.05	10.2	1.5	0.005	0.03	0.25	14.2	3.3	0.5	75	47.0	79	29	5.9	1.3	0.8	2.3	0.36	32
01-DU-224	0.05	12.8	1.5	0.01	0.03	0.25	20.3	2.4	0.5	25	68.4	120	41	9.0	1.6	1.4	3.2	0.48	29
01-DU-226	0.3	16.0	1.5	0.01	0.03	0.25	17.0	2.8	0.5	87	58.5	103	38	7.7	1.5	1.3	3.0	0.45	28
01-DU-227	0.2	12.6	1.5	0.005	0.03	0.25	13.8	2.7	0.5	25	48.2	81	30	6.1	1.3	0.25	2.6	0.40	30
01-DU-230	0.4	11.5	1.5	0.005	0.03	0.25	19.6	3.5	0.5	95	41.5	72	25	5.0	1.1	0.6	2.2	0.33	31
01-DU-231	0.05	6.6	1.5	0.005	0.03	0.25	22.0	2.3	0.5	96	46.9	81	27	5.1	0.8	0.25	2.2	0.33	26

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-233	37D	18	525307	7679266	3	2.5	37.7	730	0.3	2	27	86	6	5.69	7	0.5	2.5	6	1.69	28	156
01-DU-235	37D	18	543570	7681273	15	2.5	48.5	660	13.0	2	4	131	7	19.20	6	0.5	2.5	135	0.83	36	128
01-DU-236	37D	18	537027	7683616	1	2.5	32.6	660	5.0	0.5	5	147	11	14.40	6	0.5	2.5	30	1.00	32	157
01-DU-237	37D	18	531176	7664287	4	2.5	28.6	810	2.5	0.5	16	106	8	5.89	7	0.5	2.5	5	1.75	195	214
01-DU-238	37D	18	571796	7657256	6	2.5	51.8	880	0.3	0.5	11	112	7	3.84	5	0.5	2.5	0.5	2.01	27	135
01-DU-239	37D	18	568879	7671233	5	2.5	41.2	820	1.5	0.5	10	115	13	4.11	8	0.5	2.5	0.5	1.99	152	190
01-DU-240	37D	18	550846	7700432	1	2.5	6.8	1100	8.5	8	14	56	5	3.63	11	0.5	2.5	4	1.08	115	141
01-DU-241	37D	18	558615	7697179	3	2.5	5.8	640	5.5	0.5	14	31	7	4.78	13	0.5	2.5	0.5	2.20	33	236
01-DU-243	37D	18	564923	7694726	1	2.5	3.3	710	2.1	0.5	10	16	3	2.85	16	0.5	2.5	8	2.63	27	189
01-DU-244	37D	18	585007	7660455	1	2.5	40.2	680	0.3	2	10	96	6	3.08	4	0.5	2.5	0.5	2.04	26	106
01-DU-245	37D	18	578480	7664489	1	2.5	23.1	880	1.2	0.5	11	116	8	3.89	5	0.5	2.5	0.5	1.68	166	159
01-DU-246	37D	18	539768	7664067	3	2.5	43.4	750	10.2	0.5	8	100	8	5.12	7	0.5	2.5	5	1.83	28	123
01-DU-247	37D	18	584156	7659261	1	2.5	52.9	740	0.3	2	8	88	7	3.31	6	0.5	2.5	0.5	2.28	27	106
01-DU-248	37A	18	607029	7655649	5	2.5	36.8	850	0.3	0.5	11	100	6	3.45	5	0.5	2.5	0.5	2.04	24	89
01-DU-249	37A	18	593638	7653432	1	2.5	29.9	680	0.3	0.5	11	102	6	3.14	4	0.5	2.5	0.5	1.90	23	96
01-DU-250	37A	18	589793	7645097	4	2.5	24.7	610	0.3	0.5	9	76	4	2.64	5	0.5	2.5	1	1.87	21	105
01-DU-251	37A	18	579814	7649700	5	2.5	26.8	590	0.3	0.5	11	89	4	3.24	4	0.5	2.5	0.5	1.69	23	107
01-DU-252	27B	19	401978	7585608	1	2.5	5.1	480	6.3	9	13	57	5	3.48	8	0.5	2.5	0.5	1.04	24	170
01-DU-253	27B	19	401804	7584291	1	2.5	7.0	600	5.8	10	12	48	4	3.03	8	0.5	2.5	0.5	1.20	24	142
01-DU-254	27B	19	402745	7574103	4	2.5	2.1	740	4.5	0.5	16	81	3	4.12	10	0.5	2.5	0.5	1.45	26	163
01-DU-255	27B	19	405095	7572407	1	2.5	4.8	810	4.0	0.5	25	125	4	5.51	9	0.5	2.5	0.5	1.29	27	171
01-DU-256	27B	19	412177	7569940	1	2.5	2.2	870	0.3	2	9	46	2	2.63	15	0.5	2.5	4	1.75	24	116
01-DU-257	27B	19	408490	7568290	1	2.5	2.1	750	6.5	2	15	66	3	3.65	14	0.5	2.5	0.5	1.72	27	170
01-DU-259	27B	19	410390	7588054	4	2.5	9.0	590	6.9	7	16	69	6	3.60	9	0.5	2.5	0.5	1.08	24	172
01-DU-260	27B	19	410642	7590009	12	2.5	5.8	710	0.3	0.5	20	106	8	5.62	8	0.5	2.5	7	1.27	29	210
01-DU-261	27B	19	395549	7607767	1	2.5	31.2	570	0.3	0.5	15	212	11	6.26	7	0.5	2.5	0.5	1.29	29	210
01-DU-261G	27B	19	395549	7607767	1	2.5	110.0	570	1.5	0.5	4	110	5	23.00	4	0.5	2.5	11	0.94	30	159
01-DU-262	27B	19	404027	7606571	1	2.5	7.4	700	0.3	0.5	15	132	12	4.87	9	0.5	2.5	0.5	1.53	28	225
01-DU-263	27B	19	396489	7585422	1	2.5	4.9	550	4.9	4	13	49	4	3.04	9	0.5	2.5	0.5	1.16	22	168
01-DU-264	27B	19	380418	7596500	1	2.5	6.7	700	2.9	0.5	19	143	10	5.90	9	0.5	2.5	13	1.36	31	197
01-DU-265	27B	19	385061	7602536	1	2.5	9.9	760	2.0	2	21	158	14	6.05	6	0.5	2.5	0.5	1.17	29	238
01-DU-266	27B	19	379863	7590995	4	2.5	4.6	690	1.9	0.5	13	65	3	3.22	10	0.5	2.5	6	1.76	25	102
01-DU-267	27B	19	384303	7594363	5	2.5	5.0	680	0.3	2	11	76	3	2.75	12	0.5	2.5	0.5	1.96	23	123
01-DU-268	27B	19	397735	7550231	4	2.5	3.2	920	45.1	0.5	15	63	3	4.77	12	0.5	2.5	6	1.45	31	150
01-DU-269	27B	19	403761	7549345	6	2.5	5.1	2200	7.4	0.5	15	43	3	6.53	12	0.5	2.5	15	1.56	40	200
01-DU-270	27B	19	399352	7575968	1	2.5	3.9	580	4.2	7	9	50	2	2.69	9	0.5	2.5	0.5	1.23	22	103
01-DU-271	27B	19	394391	7561409	1	2.5	7.4	930	0.3	0.5	22	93	6	4.73	7	0.5	2.5	9	1.31	57	169
01-DU-272	27B	19	392962	7576337	1	2.5	3.6	690	4.5	6	12	65	5	3.75	8	0.5	2.5	8	1.55	55	161
01-DU-273	27B	19	391000	7584000	1	2.5	2.6	740	7.8	3	16	63	6	3.50	7	0.5	2.5	9	1.19	45	118
01-DU-276	37D	18	604885	7756945	1	2.5	2.3	920	2.7	0.5	10	15	0.5	3.18	10	0.5	2.5	12	2.53	72	107
01-DU-277	37D	18	605160	7758871	1	2.5	3.2	740	0.3	0.5	10	42	0.5	3.48	15	0.5	2.5	0.5	2.82	66	207
01-DU-278	37D	18	602162	7765128	1	2.5	1.8	570	1.9	2	9	31	0.5	3.18	14	0.5	2.5	9	2.77	56	113
01-DU-279	37D	18	594884	7762430	1	2.5	0.3	430	0.3	4	10	30	0.5	2.99	10	0.5	2.5	6	2.34	61	139
01-DU-280	37D	18	601363	7760769	1	2.5	1.9	680	0.3	0.5	19	50	0.5	4.22	10	0.5	2.5	7	2.28	62	162
01-DU-280B	37D	18	601363	7760769	1	2.5	2.5	790	5.5	4	7	29	2	2.89	15	0.5	2.5	4	3.08	56	142
01-DU-281	37D	18	601264	7760791	1	2.5	0.3	730	0.3	2	4	23	2	1.92	13	0.5	2.5	0.5	2.86	53	170
01-DU-282	37D	18	611200	7765524	1	2.5	1.6	580	15.9	0.5	14	41	0.5	3.56	9	0.5	2.5	0.5	2.21	57	173
01-DU-283	27B	19	391408	7621292	5	2.5	27.1	900	0.3	0.5	17	120	11	4.45	5	0.5	2.5	7	1.81	59	80
01-DU-284	27B	19	382557	7621231	1	2.5	11.3	850	1.6	0.5	11	111	7	3.93	5	0.5	2.5	0.5	1.99	49	127

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-233	1.2	12.7	1.5	0.01	0.03	1.6	31.6	6.1	0.5	176	80.6	129	47	8.9	1.2	0.25	3.1	0.46	26
01-DU-235	4.8	14.3	46	0.01	0.03	0.25	27.9	7.1	0.5	25	75.5	133	44	9.4	1.4	0.25	3.7	0.52	20
01-DU-236	0.2	20.2	1.5	0.01	0.03	2.6	24.8	5.0	0.5	123	55.3	92	34	6.3	1.0	0.25	2.4	0.36	22
01-DU-237	1	15.5	1.5	0.01	0.03	1.8	33.1	6.2	0.5	108	64.5	111	42	7.5	1.3	0.25	3.1	0.46	24
01-DU-238	0.5	19.0	1.5	0.01	0.03	1.7	15.8	3.7	0.5	95	58.3	100	33	7.6	1.5	1.1	2.8	0.42	27
01-DU-239	0.2	16.1	1.5	0.01	0.03	0.25	31.0	8.5	0.5	82	83.2	142	52	10.1	1.8	1.3	4.0	0.63	23
01-DU-240	0.3	9.3	1.5	0.005	0.03	1.8	31.7	4.5	0.5	334	71.4	116	38	7.8	1.1	0.25	2.8	0.42	24
01-DU-241	0.05	12.2	1.5	0.01	0.03	3.7	119.0	34.1	0.5	144	158.0	247	62	12.5	1.5	2.3	3.5	0.55	22
01-DU-243	0.05	8.5	1.5	0.01	0.03	2.5	47.8	16.7	0.5	76	115.0	205	59	9.6	1.5	1	3.2	0.50	28
01-DU-244	0.05	16.2	1.5	0.005	0.03	1.2	14.2	2.7	4	25	46.7	77	29	6.1	1.3	1	2.3	0.36	26
01-DU-245	0.05	17.7	1.5	0.005	0.03	0.25	15.1	4.2	0.5	25	52.2	86	32	6.5	1.4	1	3.0	0.45	29
01-DU-246	0.4	14.8	1.5	0.01	0.03	0.25	28.0	6.8	0.5	76	78.2	132	39	8.6	1.4	1.2	3.4	0.32	24
01-DU-247	0.05	13.7	1.5	0.01	0.03	0.25	24.2	5.1	0.5	25	78.4	133	54	9.9	1.8	1.2	3.5	0.66	26
01-DU-248	0.3	15.7	1.5	0.005	0.03	0.25	12.4	2.8	0.5	25	43.9	76	27	5.7	1.4	0.9	2.4	0.39	28
01-DU-249	0.5	15.2	1.5	0.005	0.03	0.25	10.0	3.4	0.5	83	36.5	64	21	4.7	1.1	0.25	2.1	0.41	31
01-DU-250	0.05	12.3	1.5	0.005	0.03	0.25	8.8	1.6	0.5	116	30.2	53	23	4.3	1.0	0.9	2.8	0.42	31
01-DU-251	0.3	14.4	1.5	0.005	0.03	0.25	8.6	2.7	0.5	64	31.5	58	17	4.3	0.9	0.25	2.4	0.40	29
01-DU-252	0.05	10.4	1.5	0.005	0.03	1.8	27.2	4.8	0.5	25	69.1	121	40	8.2	1.1	0.25	2.6	0.46	24
01-DU-253	0.05	9.6	1.5	0.005	0.05	0.25	33.2	5.9	0.5	73	79.1	137	51	9.0	1.0	0.25	2.4	0.40	25
01-DU-254	0.05	13.1	1.5	0.005	0.03	2	31.7	8.4	0.5	149	74.9	130	46	8.9	1.3	1.2	3.0	0.55	23
01-DU-255	0.05	16.8	1.5	0.01	0.03	3.2	29.9	10.5	0.5	174	74.3	136	40	8.8	1.2	0.25	2.9	0.53	23
01-DU-256	0.05	11.2	1.5	0.005	0.03	0.25	48.4	6.7	0.5	104	129.0	213	78	14.0	1.5	1.6	3.6	0.65	31
01-DU-257	0.05	13.3	1.5	0.005	0.03	0.25	43.2	7.4	0.5	25	114.0	192	69	12.8	1.5	0.25	3.4	0.51	25
01-DU-259	0.2	11.6	1.5	0.005	0.03	0.25	29.2	6.7	0.5	106	78.3	137	52	9.4	1.2	0.25	3.2	0.47	24
01-DU-260	0.05	17.2	1.5	0.005	0.03	3	31.6	12.1	0.5	169	81.1	140	46	9.7	1.3	1.4	3.6	0.60	22
01-DU-261	0.4	20.7	1.5	0.005	0.03	1.6	25.5	9.0	7	146	73.0	125	34	8.6	1.5	1.7	3.2	0.53	23
01-DU-261G	0.2	10.2	1.5	0.005	0.03	0.25	14.1	2.3	0.5	57	39.3	65	18	4.4	0.7	0.25	1.9	0.31	23
01-DU-262	0.5	17.3	1.5	0.01	0.03	0.25	36.6	7.5	0.5	124	96.5	168	53	12.2	1.8	1.6	4.9	0.75	23
01-DU-263	0.05	9.7	1.5	0.005	0.03	0.25	32.5	6.5	0.5	110	78.6	135	45	9.3	1.1	1.3	2.7	0.47	29
01-DU-264	0.05	19.1	1.5	0.01	0.03	0.25	33.2	12.3	0.5	25	83.5	143	46	9.6	1.5	0.25	3.5	0.57	20
01-DU-265	0.05	20.3	1.5	0.01	0.03	0.25	25.3	10.8	0.5	122	69.0	119	41	8.6	1.4	0.25	3.3	0.52	23
01-DU-266	0.05	11.2	1.5	0.005	0.03	0.25	35.7	6.9	0.5	73	89.3	151	54	10.4	1.2	1.2	3.2	0.55	26
01-DU-267	0.05	11.3	1.5	0.005	0.03	0.25	38.5	9.2	0.5	66	106.0	172	65	12.5	1.7	1.5	5.0	0.79	31
01-DU-268	0.05	15.1	1.5	0.01	0.03	2	52.5	7.4	0.5	74	126.0	225	69	12.3	1.5	0.25	2.2	0.39	19
01-DU-269	0.5	26.0	1.5	0.01	0.03	4.1	76.7	5.6	0.5	188	217.0	354	120	21.8	1.9	1.8	2.8	0.38	18
01-DU-270	0.1	8.0	1.5	0.005	0.03	0.25	34.1	4.6	0.5	94	76.2	128	38	8.5	1.0	1.3	2.4	0.36	27
01-DU-271	0.05	15.2	1.5	0.01	0.03	0.25	21.5	7.9	0.5	115	63.0	102	42	8.0	1.2	1.3	2.6	0.40	25
01-DU-272	0.05	12.5	1.5	0.01	0.03	0.25	27.4	5.3	0.5	25	68.2	114	33	8.6	0.9	0.7	2.5	0.38	28
01-DU-273	0.05	10.4	1.5	0.01	0.03	0.25	27.5	6.6	0.5	25	67.2	119	43	8.2	1.0	0.25	2.6	0.40	27
01-DU-276	0.05	11.1	1.5	-0.03	0.03	0.25	72.4	9.1	0.5	130	242.0	378	104	16.4	1.9	0.25	3.7	0.59	29
01-DU-277	0.05	11.7	1.5	0.01	0.03	0.25	42.3	13.1	0.5	25	97.3	81	52	8.8	1.7	0.25	2.6	0.42	26
01-DU-278	0.05	10.0	1.5	0.01	0.03	0.25	28.5	6.1	0.5	25	54.5	119	20	5.4	1.2	0.25	1.7	0.30	30
01-DU-279	0.05	9.6	1.5	0.01	0.03	0.25	41.3	11.4	0.5	25	91.7	138	53	9.1	1.4	0.25	2.1	0.31	25
01-DU-280	0.05	10.1	1.5	0.01	0.03	4.6	53.4	9.0	0.5	25	73.5	124	38	7.4	1.4	0.25	2.3	0.34	25
01-DU-280B	0.05	8.3	1.5	0.01	0.03	0.25	29.1	6.1	0.5	25	57.2	109	30	6.4	1.1	0.25	2.3	0.38	4.8
01-DU-281	0.05	7.1	1.5	0.01	0.03	0.25	23.7	3.0	0.5	25	52.2	88	30	5.4	1.1	0.25	1.5	0.25	30
01-DU-282	0.05	9.1	1.5	0.01	0.03	0.25	63.0	6.5	0.5	25	55.0	96	26	5.9	1.2	0.25	2.1	0.30	26
01-DU-283	0.05	18.2	1.5	0.01	0.03	0.25	16.7	4.8	0.5	25	59.1	103	35	8.2	1.2	0.25	3.2	0.49	28
01-DU-284	0.2	15.9	1.5	0.01	0.03	0.25	18.1	3.5	0.5	25	59.0	107	43	8.3	1.1	0.25	3.2	0.48	27

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-285	27B	19	393421	7590467	1	2.5	1.5	580	0.3	4	12	63	3	3.01	10	0.5	2.5	8	1.83	38	76
01-DU-286	27B	19	378250	7554189	1	2.5	1.3	920	0.3	0.5	9	41	0.5	3.23	8	0.5	2.5	0.5	1.62	47	198
01-DU-287	27B	19	380951	7550651	1	2.5	1.3	1100	0.3	0.5	14	62	0.5	3.55	14	0.5	2.5	9	1.55	51	166
01-DU-288	27B	19	388156	7570863	8	2.5	2.5	810	2.3	0.5	6	39	3	1.99	11	0.5	2.5	5	1.89	42	121
01-DU-289	27B	19	392223	7569462	1	2.5	1.2	540	2.3	0.5	18	102	4	4.74	8	0.5	2.5	6	1.34	46	181
01-DU-290	27B	19	386514	7575130	1	2.5	2.7	600	1.6	0.5	11	48	5	3.07	6	0.5	2.5	0.5	1.54	42	139
01-DU-291	27B	19	377504	7579920	3	2.5	3.6	740	4.0	3	13	48	3	3.74	10	0.5	2.5	0.5	1.15	44	118
01-DU-292	27B	19	378239	7583461	4	2.5	2.7	760	2.0	0.5	22	91	4	4.47	7	0.5	2.5	9	1.32	48	207
01-DU-293	37D	18	514000	7666000	114	2.5	11.6	250	4.0	0.5	0.5	51	4	0.32	0.5	0.5	2.5	1	2.39	53	815
01-DU-500	37A	18	571536	7641850	1	2.5	57.5	780	0.3	0.5	12	100	3	3.57	4	0.5	2.5	9	1.78	44	142
01-DU-501	37A	18	556371	7639366	1	2.5	40.0	710	2.1	0.5	9	96	5	3.65	4	0.5	2.5	0.5	1.86	44	135
01-DU-502	37A	18	562071	7652200	1	2.5	47.1	960	0.3	0.5	12	114	8	3.98	4	0.5	2.5	5	1.95	48	138
01-DU-503	37A	18	574861	7651097	4	2.5	55.4	870	0.3	0.5	18	128	7	4.46	6	0.5	2.5	9	2.08	49	127
01-DU-504	37A	18	573300	7647900	1	2.5	39.7	860	2.8	0.5	13	119	6	3.69	4	0.5	2.5	6	2.10	45	107
01-DU-505	37A	18	500000	7590000	1	2.5	12.3	440	6.1	19	6	37	4	2.07	3	0.5	2.5	4	0.74	32	81
01-DU-506	37A	18	489110	7650802	1	2.5	80.8	800	0.3	0.5	17	119	10	5.01	6	0.5	2.5	6	1.73	46	140
01-DU-510	37A	18	519776	7636803	1	2.5	37.2	950	0.3	0.5	17	132	10	5.03	6	0.5	2.5	0.5	1.78	51	183
01-DU-511	37A	18	519704	7630976	6	2.5	90.9	970	0.3	0.5	19	139	10	5.93	7	0.5	2.5	8	1.65	56	197
01-DU-512	37A	18	527749	7626036	1	2.5	72.7	830	2.5	0.5	17	127	9	5.07	7	0.5	2.5	0.5	1.68	51	158
01-DU-513	37A	18	540922	7609240	3	2.5	56.0	780	6.7	0.5	22	144	13	5.19	6	0.5	2.5	0.5	1.55	51	196
01-DU-514	37A	18	523226	7614432	5	2.5	53.6	570	0.3	0.5	18	84	8	3.33	6	0.5	2.5	0.5	1.72	182	118
01-DU-516	37A	18	510804	7635561	1	2.5	44.0	860	0.3	0.5	15	102	9	3.80	8	0.5	2.5	0.5	1.83	46	109
01-DU-517	37A	18	510802	7635563	28	2.5	160.0	740	9.3	0.5	28	109	7	5.94	6	0.5	2.5	8	1.78	44	129
01-DU-518	37D	18	481000	7685500	1	2.5	0.9	770	4.7	0.5	6	11	2	1.41	8	0.5	2.5	3	2.35	34	151
01-DU-519	37D	18	480432	7679711	1	2.5	3.5	840	3.5	2	6	18	2	1.85	9	0.5	2.5	0.5	2.22	160	174
01-DU-520	37D	18	480430	7679713	1	2.5	8.0	880	14.3	3	17	75	7	4.11	7	0.5	2.5	0.5	1.28	341	172
01-DU-521	37D	18	487588	7677053	1	2.5	40.1	840	2.3	0.5	20	99	10	5.28	6	0.5	2.5	0.5	1.49	225	189
01-DU-522	37D	18	491700	7665984	6	2.5	54.3	780	5.7	0.5	22	114	10	5.53	6	0.5	2.5	0.5	1.35	44	180
01-DU-523	37D	18	490531	7658042	6	2.5	71.4	730	4.9	0.5	27	101	9	5.92	5	0.5	2.5	19	1.29	41	138
01-DU-524	37A	18	585209	7561145	12	2.5	2.5	630	7.2	0.5	5	19	0.5	1.50	12	0.5	2.5	0.5	2.03	180	106
01-DU-525	37A	18	603489	7546567	1	2.5	1.2	660	1.2	0.5	0.5	10	0.5	1.58	7	0.5	2.5	6	2.14	35	114
01-DU-526	37A	18	617859	7549710	1	2.5	0.3	800	4.0	0.5	6	17	2	1.81	9	0.5	2.5	5	1.96	36	122
01-DU-527	37A	18	600862	7563331	3	2.5	4.1	780	4.2	0.5	7	23	3	2.11	8	0.5	2.5	7	1.82	247	117
01-DU-528	37A	18	622000	7565000	1	2.5	1.3	830	0.3	0.5	15	70	0.5	3.58	9	0.5	2.5	4	1.91	40	154
01-DU-529	37A	18	554921	7609877	1	2.5	20.2	640	1.7	3	12	99	8	3.36	7	0.5	2.5	0.5	1.61	41	143
01-DU-530	37A	18	552539	7599715	6	2.5	43.2	550	0.3	0.5	18	121	10	3.26	7	0.5	2.5	6	1.88	40	158
01-DU-531	37A	18	572955	7578682	1	2.5	10.0	540	14.3	3	9	70	4	2.76	8	0.5	2.5	10	1.49	36	125
01-DU-532	37A	18	577290	7584383	6	2.5	6.1	590	6.7	3	11	88	4	3.40	10	0.5	2.5	0.5	1.89	39	128
01-DU-533	37D	18	499630	7662266	1	2.5	40.2	840	0.3	0.5	20	93	8	5.17	6	0.5	2.5	0.5	1.51	52	135
01-DU-534	37A	18	519050	7651169	1	2.5	18.7	830	2.3	0.5	14	165	14	5.81	5	0.5	2.5	0.5	1.52	48	167
01-DU-536	37A	18	545139	7628839	1	8	45.7	690	3.9	0.5	17	106	7	3.97	6	0.5	2.5	7	1.92	43	114
01-DU-537	37A	18	564788	7627502	3	2.5	35.1	940	2.8	0.5	18	124	5	3.94	5	0.5	2.5	0.5	2.03	44	107
01-DU-538	37A	18	557862	7626033	5	2.5	56.2	790	1.6	0.5	16	128	7	4.15	6	0.5	2.5	0.5	2.10	45	116
01-DU-539	37A	18	542126	7644007	3	2.5	61.9	590	0.3	0.5	17	107	5	4.09	6	0.5	2.5	7	1.95	41	122
01-DU-540	37D	18	505520	7734945	1	2.5	1.3	950	0.3	3	7	12	4	2.43	9	0.5	2.5	0.5	2.92	39	101
01-DU-541	37D	18	486347	7733024	16	2.5	3.7	990	1.4	0.5	5	28	0.5	1.44	7	0.5	2.5	2	2.92	32	79
01-DU-542	37D	18	476993	7740030	1	2.5	1.5	880	0.3	0.5	9	38	4	2.99	8	0.5	2.5	0.5	2.67	39	119
01-DU-543	37D	18	462113	7729843	1	2.5	1.9	620	12.6	0.5	6	28	3	2.11	14	0.5	2.5	0.5	2.32	253	135
01-DU-544	37D	18	489793	7724582	1	2.5	1.6	650	6.0	0.5	3	6	2	1.31	10	0.5	2.5	0.5	2.71	31	120

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-285	0.05	10.9	4	0.01	0.03	0.25	24.9	7.1	0.5	25	67.5	110	42	8.5	1.5	0.25	3.1	0.46	31
01-DU-286	0.05	10.9	1.5	0.01	0.03	0.25	28.5	7.6	0.5	25	92.2	140	50	9.9	1.3	0.25	1.9	0.28	28
01-DU-287	0.4	13.6	1.5	0.01	0.03	0.25	44.1	5.4	0.5	25	145.0	216	83	14.8	1.9	1.8	2.6	0.42	28
01-DU-288	0.05	8.3	1.5	0.01	0.03	0.25	36.8	5.1	0.5	25	93.0	147	59	11.0	1.1	1.9	2.9	0.46	30
01-DU-289	0.05	15.0	4	0.01	0.03	0.25	27.4	11.1	0.5	147	68.2	114	38	8.5	1.4	0.25	2.3	0.37	28
01-DU-290	0.5	9.8	1.5	0.005	0.03	0.25	23.8	4.1	0.5	111	56.8	89	28	6.9	0.9	0.25	2.0	0.30	28
01-DU-291	0.05	9.7	1.5	0.005	0.03	0.25	39.6	8.8	0.5	25	94.2	156	52	11.8	1.2	0.25	2.9	0.45	29
01-DU-292	0.05	14.0	1.5	0.01	0.03	0.25	30.5	6.6	0.5	25	72.1	124	39	9.3	1.4	0.25	2.6	0.40	25
01-DU-293	8.3	9.9	60	0.01	0.03	1.7	0.7	0.3	0.5	25	2.7	1.5	2.5	0.4	0.1	0.25	0.4	0.06	3.5
01-DU-500	0.7	16.0	1.5	0.01	0.03	0.25	11.0	2.1	4	130	36.4	69	23	5.9	1.2	0.25	2.6	0.42	29
01-DU-501	0.5	15.3	1.5	0.01	0.03	0.25	13.1	3.6	0.5	148	47.1	82	33	6.6	1.3	0.25	2.7	0.41	30
01-DU-502	0.4	20.1	1.5	0.01	0.03	0.25	16.6	4.2	0.5	158	60.2	108	37	8.3	1.6	0.25	3.2	0.46	28
01-DU-503	0.05	19.1	1.5	0.01	0.03	0.25	18.5	4.4	0.5	130	65.0	116	50	9.2	1.6	0.25	3.6	0.54	27
01-DU-504	0.7	18.0	1.5	0.01	0.03	0.25	15.3	3.4	0.5	93	57.6	106	41	8.2	1.4	0.25	3.4	0.51	30
01-DU-505	0.05	6.8	1.5	0.005	0.03	0.8	10.2	3.2	2	74	26.3	47	22	3.3	0.7	0.25	1.3	0.19	27
01-DU-506	0.8	16.5	1.5	0.01	0.03	0.25	19.4	6.8	5	25	62.7	112	43	8.2	1.4	0.25	3.2	0.46	26
01-DU-510	0.6	19.4	1.5	0.01	0.07	0.25	24.8	7.1	0.5	99	76.2	132	54	10.6	1.8	0.25	4.3	0.64	24
01-DU-511	0.05	19.5	1.5	0.01	0.03	0.25	28.2	6.8	8	25	87.2	158	62	11.9	1.9	0.25	4.3	0.67	22
01-DU-512	0.4	20.1	1.5	0.01	0.03	3.3	23.3	8.0	0.5	25	81.0	134	58	11.2	2.0	0.25	4.3	0.64	25
01-DU-513	0.4	20.5	1.5	0.01	0.03	0.25	22.2	4.9	0.5	25	70.8	122	42	9.9	1.6	0.25	3.6	0.56	24
01-DU-514	0.5	12.9	1.5	0.01	0.03	0.25	24.2	6.5	0.5	25	76.4	128	44	10.3	1.5	1.2	4.1	0.62	27
01-DU-516	0.6	16.3	1.5	0.01	0.03	0.25	27.5	8.1	5	25	92.3	158	61	12.8	1.9	0.25	5.1	0.78	29
01-DU-517	1.6	14.8	1.5	0.01	0.03	3.1	21.5	4.0	4	168	62.2	109	38	8.6	1.3	0.25	3.2	0.46	25
01-DU-518	0.05	4.4	1.5	0.005	0.03	0.25	21.2	3.8	0.5	78	47.6	89	25	5.4	1.1	0.25	1.9	0.27	30
01-DU-519	0.05	5.7	1.5	0.005	0.03	4.1	22.6	5.7	0.5	93	60.7	100	34	7.0	1.0	0.25	2.6	0.39	28
01-DU-520	0.4	12.8	1.5	0.005	0.03	2.5	27.5	8.1	0.5	25	66.3	114	41	9.2	1.1	0.25	3.2	0.58	24
01-DU-521	0.6	16.5	1.5	0.01	0.03	0.25	26.2	6.0	5	132	67.1	111	47	9.5	1.0	1.3	3.3	0.54	24
01-DU-522	0.9	16.9	4	0.01	0.03	0.25	23.8	6.9	0.5	219	63.8	107	51	8.5	1.5	0.9	3.1	0.50	23
01-DU-523	1.6	14.9	1.5	0.005	0.03	0.25	21.4	8.1	5	166	61.6	110	38	8.5	1.5	1.2	3.0	0.49	25
01-DU-524	0.2	6.3	1.5	0.005	0.03	0.25	43.5	7.1	0.5	25	89.1	153	61	11.1	1.1	0.25	2.3	0.34	30
01-DU-525	0.05	6.5	1.5	0.005	0.03	0.25	33.3	5.1	0.5	25	73.3	120	45	8.4	0.8	0.25	1.8	0.26	30
01-DU-526	0.05	8.2	1.5	0.005	0.03	0.25	34.4	5.3	0.5	25	85.9	147	52	10.6	1.3	0.25	2.4	0.36	29
01-DU-527	0.05	7.9	1.5	0.005	0.03	0.25	31.5	4.5	0.5	25	81.1	133	48	9.7	1.3	0.25	2.3	0.39	27
01-DU-528	0.05	11.5	1.5	0.005	0.03	0.25	26.6	6.8	0.5	180	70.5	118	44	8.7	1.3	0.25	2.6	0.40	26
01-DU-529	0.4	13.5	1.5	0.005	0.03	0.25	31.0	6.2	0.5	132	87.4	150	58	12.1	1.6	0.25	4.2	0.64	27
01-DU-530	0.5	12.9	1.5	0.005	0.09	3.3	29.9	9.3	0.5	106	81.6	141	52	11.7	1.5	0.25	3.9	0.60	29
01-DU-531	0.3	9.2	1.5	0.005	0.03	0.25	28.9	5.9	0.5	25	67.7	119	41	9.2	1.2	0.25	2.9	0.46	28
01-DU-532	0.05	10.9	1.5	0.005	0.03	0.25	36.3	9.7	0.5	25	85.9	157	55	12.1	1.4	0.25	4.1	0.61	28
01-DU-533	0.7	14.1	1.5	0.005	0.03	1.7	24.7	4.8	0.5	161	62.8	106	35	7.9	1.3	1.4	3.0	0.48	25
01-DU-534	0.05	21.5	1.5	0.01	0.03	0.25	18.4	5.1	0.5	148	57.5	97	37	8.3	1.4	0.25	3.2	0.50	22
01-DU-536	0.05	16.3	1.5	0.005	0.05	1.7	20.5	5.9	0.5	95	70.3	128	46	10.0	1.6	1.5	3.8	0.59	25
01-DU-537	0.7	19.7	1.5	0.01	0.03	0.25	18.2	5.2	5	25	70.5	126	51	10.4	1.8	1.3	3.6	0.57	26
01-DU-538	0.05	19.2	1.5	0.01	0.03	0.25	21.7	3.7	5	25	73.1	129	47	10.7	1.9	1.9	4.2	0.62	26
01-DU-539	0.05	16.6	1.5	0.005	0.03	0.25	23.6	7.3	0.5	86	75.7	129	51	11.0	2.0	1.7	4.1	0.60	29
01-DU-540	0.05	4.8	1.5	0.005	0.03	0.25	27.0	4.0	0.5	25	58.0	84	33	5.4	1.2	0.25	1.5	0.25	26
01-DU-541	0.05	5.3	1.5	0.005	0.03	0.25	8.6	3.5	0.5	25	16.7	37	13	2.8	0.7	0.25	1.7	0.24	30
01-DU-542	0.05	7.6	1.5	0.005	0.03	0.25	17.9	7.5	0.5	81	44.9	67	21	4.8	0.9	0.25	1.9	0.31	26
01-DU-543	0.05	6.5	1.5	0.005	0.03	0.25	27.9	10.1	0.5	25	47.7	79	25	6.3	1.1	0.25	2.7	0.48	30
01-DU-544	0.05	2.8	1.5	0.005	0.03	0.25	25.0	3.1	0.5	25	34.2	86	17	4.2	1.0	0.25	1.1	0.16	30

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-545	37D	18	473378	7711747	1	2.5	0.3	760	1.9	0.5	0.5	8	3	1.51	7	0.5	2.5	0.5	2.80	39	177
01-DU-546	37D	18	467509	7717440	1	2.5	1.5	580	4.8	0.5	3	8	2	0.89	5	0.5	2.5	0.5	3.16	32	73
01-DU-548	37D	18	478006	7759437	1	2.5	1.9	770	1.3	0.5	5	23	2	1.32	6	0.5	2.5	0.5	3.15	33	61
01-DU-550	37D	18	479340	7755455	1	2.5	4.1	760	5.6	2	12	65	3	3.10	7	0.5	2.5	0.5	2.85	39	113
01-DU-551	37D	18	491394	7745396	5	2.5	3.1	800	1.7	0.5	4	42	2	1.53	6	0.5	2.5	0.5	3.02	32	128
01-DU-552	37D	18	483550	7743896	1	2.5	4.2	730	4.0	2	7	31	2	2.33	7	0.5	2.5	5	2.69	38	82
01-DU-553	37D	18	493858	7684374	1	2.5	12.7	680	10.9	0.5	17	69	8	3.80	11	0.5	2.5	13	1.83	62	212
01-DU-554	37D	18	496795	7684250	1	2.5	10.3	820	0.3	0.5	17	82	6	4.20	10	0.5	2.5	0.5	1.64	58	139
01-DU-555	37D	18	506691	7685053	1	2.5	15.4	760	12.2	0.5	29	122	13	5.99	7	0.5	2.5	5	0.90	55	262
01-DU-556	37D	18	504504	7686572	1	2.5	5.2	1000	4.2	0.5	15	85	8	4.42	9	0.5	2.5	0.5	1.07	56	164
01-DU-557	37D	18	498188	7696544	1	2.5	12.7	700	10.3	4	27	86	7	7.04	9	0.5	2.5	13	1.34	56	211
01-DU-558	37D	18	493633	7696626	1	2.5	0.3	730	6.3	0.5	11	18	4	2.81	7	0.5	2.5	6	2.55	61	122
01-DU-559	37D	18	490907	7704202	1	2.5	0.3	890	5.0	3	5	16	0.5	1.75	7	0.5	2.5	0.5	2.46	49	104
01-DU-560	37D	18	483342	7706850	1	2.5	1.5	820	0.9	5	0.5	2.5	0.5	1.14	6	0.5	2.5	0.5	2.46	45	126
01-DU-561A	37D	18	484563	7701474	1	2.5	2.4	890	0.3	0.5	3	9	0.5	1.21	11	0.5	2.5	0.5	2.69	47	117
01-DU-561B	37D	18	484563	7701474	1	2.5	0.8	690	2.7	0.5	0.5	8	0.5	1.33	10	0.5	2.5	0.5	2.62	48	131
01-DU-565	37D	18	474577	7691503	1	2.5	1.4	750	0.3	0.5	0.5	7	0.5	1.02	8	0.5	2.5	0.5	2.36	45	160
01-DU-566	37D	18	478579	7691737	1	2.5	0.3	830	0.3	0.5	4	2.5	0.5	1.35	12	0.5	2.5	2	2.89	44	155
01-DU-567	37D	18	511592	7756312	1	2.5	0.3	900	0.3	0.5	9	50	2	2.41	6	0.5	2.5	0.5	3.48	49	62
01-DU-568	37D	18	526216	7745975	1	2.5	1.7	770	5.9	0.5	7	25	3	2.33	16	0.5	2.5	0.5	2.96	47	147
01-DU-569	37D	18	524000	7744000	1	2.5	0.3	1100	0.3	3	4	14	2	1.99	13	0.5	2.5	0.5	2.96	46	118
01-DU-570	37D	18	536591	7741446	4	2.5	0.3	800	0.3	4	9	24	0.5	2.57	9	0.5	2.5	0.5	2.68	48	160
01-DU-571	37D	18	533637	7731206	1	2.5	0.3	1100	3.1	0.5	10	30	3	3.01	12	0.5	2.5	0.5	3.09	42	133
01-DU-572	37D	18	530474	7730387	1	2.5	0.3	950	0.3	0.5	6	26	3	2.00	10	0.5	2.5	0.5	2.95	47	96
01-DU-574	37D	18	500953	7762928	16	2.5	87.3	510	0.3	0.5	22	150	4	4.38	15	0.5	2.5	10	1.94	48	129
01-DU-575	37D	18	509912	7753057	1	2.5	0.3	870	1.8	3	6	39	0.5	1.68	6	0.5	2.5	0.5	3.51	45	82
01-DU-576	37D	18	512509	7750476	1	2.5	0.9	1000	1.4	0.5	11	34	0.5	2.83	11	0.5	2.5	0.5	3.07	48	113
01-DU-577	37D	18	517029	7739358	4	2.5	0.3	940	0.3	3	9	19	3	2.95	12	0.5	2.5	0.5	2.77	46	137
01-DU-578	37D	18	524887	7736745	1	2.5	1.9	660	0.3	0.5	5	17	3	1.69	11	0.5	2.5	0.5	2.40	38	131
01-DU-579	37D	18	579312	7727093	1	2.5	2.0	720	0.3	0.5	13	29	6	4.12	11	0.5	2.5	6	2.61	48	197
01-DU-581	37D	18	609835	7718595	4	2.5	4.5	880	6.4	3	20	65	5	5.33	18	0.5	2.5	16	2.37	51	138
01-DU-582	37D	18	604666	7712584	1	2.5	7.4	830	0.3	0.5	7	30	4	3.08	13	0.5	2.5	0.5	3.05	51	157
01-DU-583	37D	18	590736	7717977	1	2.5	1.6	1000	0.3	0.5	9	16	4	2.62	12	0.5	2.5	0.5	3.07	48	152
01-DU-584	37D	18	591143	7704455	1	2.5	66.7	830	0.3	0.5	5	93	11	8.05	7	0.5	2.5	44	1.31	41	171
01-DU-585	37D	18	591143	7704455	1	2.5	33.2	870	2.8	0.5	7	137	12	8.41	8	0.5	2.5	18	1.11	45	126
01-DU-586	37D	18	603423	7701248	1	2.5	17.4	730	0.3	0.5	12	74	8	4.61	10	0.5	2.5	0.5	2.21	48	169
01-DU-587	37D	18	608211	7697748	1	2.5	10.4	710	0.3	0.5	7	65	5	2.98	9	0.5	2.5	10	2.67	214	173
01-DU-588	37D	18	617900	7710000	1	2.5	17.3	520	0.3	0.5	15	82	15	5.18	7	0.5	2.5	8	0.81	225	166
01-DU-589	37D	18	607893	7685977	3	2.5	13.5	680	3.0	0.5	7	120	8	3.53	5	0.5	2.5	0.5	1.68	38	89
01-DU-590	37A	18	617099	7598450	1	2.5	12.7	580	0.3	0.5	9	127	8	4.06	8	0.5	2.5	0.5	2.00	42	114
01-DU-591	37A	18	620800	7594500	3	2.5	0.3	810	2.8	0.5	10	62	3	2.57	12	0.5	2.5	0.5	2.30	235	92
01-DU-592	37A	18	618566	7574790	5	2.5	4.8	770	7.1	4	12	71	6	4.08	9	0.5	2.5	6	1.39	42	176
01-DU-593	37A	18	605964	7597620	1	2.5	5.3	850	22.8	4	15	148	12	5.30	9	0.5	2.5	0.5	1.64	52	153
01-DU-594	37A	18	595131	7603595	1	2.5	26.2	800	0.3	0.5	20	146	12	4.66	5	0.5	2.5	5	1.79	42	132
01-DU-595	37A	18	608442	7575875	1	2.5	1.6	660	4.1	0.5	11	59	2	3.11	8	0.5	2.5	3	1.69	36	120
01-DU-596	37A	18	604250	7586429	3	2.5	4.2	410	0.3	0.5	6	60	3	2.79	9	0.5	2.5	5	1.84	36	96
01-DU-597	37A	18	587026	7592511	1	2.5	10.8	710	15.5	0.5	9	104	5	3.93	8	0.5	2.5	0.5	1.79	42	140
01-DU-598	37D	18	526238	7684592	1	2.5	17.9	1000	3.3	4	21	85	6	4.90	7	0.5	2.5	0.5	1.64	44	173
01-DU-599	37D	18	529342	7691774	1	2.5	0.3	1100	0.3	0.5	9	29	0.5	2.88	7	0.5	2.5	5	2.82	43	76

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-545	0.05	3.9	1.5	0.005	0.03	0.25	28.0	6.9	0.5	25	50.6	78	26	5.4	0.7	0.25	1.3	0.17	23
01-DU-546	0.05	3.1	1.5	0.005	0.03	0.25	7.3	2.5	0.5	25	18.9	30	8	2.2	0.5	0.25	0.9	0.14	31
01-DU-548	0.05	4.6	1.5	0.005	0.05	0.25	6.6	3.4	0.5	25	16.9	32	10	2.3	0.1	0.25	1.1	0.16	30
01-DU-550	0.05	9.3	1.5	0.005	0.03	0.25	10.3	4.0	0.5	142	28.4	47	15	3.3	0.6	0.25	1.4	0.25	24
01-DU-551	0.05	5.9	1.5	0.005	0.03	0.25	12.2	5.2	0.5	25	21.2	36	12	3.1	0.8	0.25	1.8	0.26	31
01-DU-552	0.05	6.7	1.5	0.005	0.03	0.25	18.1	3.7	0.5	127	39.2	61	22	4.1	0.8	0.25	2.0	0.31	28
01-DU-553	0.05	11.0	1.5	0.01	0.03	0.25	38.0	7.5	0.5	150	103.0	180	56	11.6	1.6	0.25	3.7	0.52	22
01-DU-554	0.05	13.9	1.5	0.01	0.03	0.25	28.8	8.4	0.5	110	73.2	135	50	10.6	1.1	0.25	3.9	0.63	23
01-DU-555	0.5	18.5	1.5	0.01	0.03	2.6	29.7	9.0	0.5	418	76.1	128	50	10.5	1.4	0.25	4.2	0.77	24
01-DU-556	0.05	15.7	1.5	0.01	0.03	0.25	33.2	7.8	0.5	25	84.2	149	56	11.7	1.1	0.25	4.2	0.61	22
01-DU-557	0.05	14.5	1.5	0.01	0.03	0.25	25.0	6.9	0.5	230	65.5	118	48	8.8	1.5	0.25	3.4	0.49	24
01-DU-558	0.05	7.9	1.5	0.01	0.03	0.25	26.0	4.5	0.5	25	67.7	122	44	7.3	1.3	0.25	2.1	0.34	22
01-DU-559	0.05	6.2	1.5	0.01	0.03	0.25	27.5	6.6	0.5	25	46.8	94	25	5.7	0.9	0.25	1.5	0.28	29
01-DU-560	0.05	2.4	1.5	0.01	0.03	0.25	10.8	3.0	0.5	25	22.0	40	12	2.8	0.6	0.25	1.0	0.20	30
01-DU-561A	0.05	3.9	1.5	0.01	0.03	0.25	18.9	3.9	0.5	25	39.4	65	25	4.8	1.1	0.25	1.9	0.38	30
01-DU-561B	0.05	4.0	1.5	0.01	0.03	0.25	21.3	4.2	0.5	25	38.7	81	23	4.7	1.1	0.25	1.8	0.35	29
01-DU-565	0.3	2.7	1.5	0.01	0.03	0.25	15.5	2.1	0.5	25	35.2	56	15	3.7	0.6	0.25	1.3	0.26	30
01-DU-566	0.3	4.1	1.5	0.005	0.03	0.25	18.7	3.6	0.5	25	43.2	67	25	5.1	1.0	0.25	2.0	0.25	31
01-DU-567	0.05	9.0	1.5	0.01	0.03	0.25	11.2	4.8	0.5	25	28.5	48	16	4.0	0.9	0.25	1.9	0.29	30
01-DU-568	0.05	6.6	1.5	0.005	0.03	0.25	30.2	7.4	0.5	114	49.7	78	24	5.1	1.2	0.25	2.0	0.38	29
01-DU-569	0.05	6.1	1.5	0.01	0.03	3.1	17.0	8.5	0.5	25	41.6	65	16	4.2	1.1	0.25	1.9	0.31	29
01-DU-570	0.05	7.5	1.5	0.01	0.03	0.25	30.9	3.9	0.5	25	60.4	97	36	7.0	1.1	0.25	2.5	0.35	28
01-DU-571	0.05	8.9	1.5	0.01	0.03	0.25	35.4	5.2	0.5	25	74.5	118	36	7.9	1.4	1.6	2.2	0.42	24
01-DU-572	0.05	6.7	1.5	0.01	0.03	2.1	25.9	4.6	0.5	25	62.3	95	37	6.4	1.1	0.25	1.9	0.40	28
01-DU-574	0.05	14.5	1.5	0.01	0.03	0.25	23.8	10.0	0.5	128	56.9	100	32	6.9	1.4	0.25	3.0	0.54	26
01-DU-575	0.05	6.3	1.5	0.01	0.03	0.25	8.2	3.2	0.5	25	19.3	43	10	3.0	0.9	0.25	1.4	0.18	31
01-DU-576	0.05	8.6	1.5	0.01	0.03	0.25	27.7	10.8	2	25	62.3	97	30	6.5	1.4	0.25	1.9	0.34	31
01-DU-577	0.05	10.3	1.5	0.01	0.03	3.5	24.5	7.6	0.5	25	55.0	88	30	6.1	1.3	0.25	2.7	0.43	31
01-DU-578	0.05	5.7	1.5	0.005	0.03	0.25	21.7	8.0	0.5	25	48.6	76	27	5.5	1.1	0.25	2.6	0.40	30
01-DU-579	0.05	12.7	1.5	0.01	0.03	0.25	41.9	9.9	0.5	25	76.3	124	44	8.4	1.3	2.3	2.3	0.29	25
01-DU-581	0.3	14.7	1.5	0.01	0.03	2.2	54.5	27.3	0.5	25	134.0	225	77	14.0	2.2	0.25	4.4	0.60	26
01-DU-582	0.5	9.8	1.5	0.01	0.03	0.25	41.0	13.1	0.5	25	122.0	217	72	12.6	2.4	0.25	3.4	0.47	27
01-DU-583	0.05	9.6	1.5	0.01	0.03	0.25	35.1	14.9	0.5	141	82.1	143	47	8.5	1.3	0.25	3.2	0.54	27
01-DU-584	2.5	14.9	1.5	0.005	0.03	0.25	29.0	33.8	0.5	125	66.7	114	32	7.5	1.2	0.25	2.7	0.43	28
01-DU-585	0.8	19.9	1.5	0.01	0.03	2.3	35.6	9.2	3	132	88.8	154	50	12.1	1.8	0.25	4.0	0.62	24
01-DU-586	1.5	13.5	1.5	0.01	0.03	0.25	31.2	13.2	0.5	145	74.5	124	45	8.7	1.6	0.25	3.5	0.59	24
01-DU-587	0.05	12.1	1.5	0.01	0.03	0.25	29.7	9.4	0.5	106	69.6	117	48	9.0	1.5	0.25	3.5	0.58	25
01-DU-588	1.4	13.8	1.5	0.005	0.03	2.3	32.6	5.7	8	132	89.7	146	46	10.0	1.5	0.25	3.1	0.51	26
01-DU-589	0.5	16.6	1.5	0.005	0.03	0.25	18.6	5.1	0.5	77	54.0	87	28	6.3	1.2	0.25	2.0	0.29	31
01-DU-590	0.05	15.3	1.5	0.005	0.03	0.25	27.6	5.9	0.5	25	84.2	148	51	11.3	1.9	1.1	4.5	0.69	28
01-DU-591	0.05	9.3	1.5	0.005	0.03	0.25	34.4	4.9	0.5	25	80.9	137	53	10.3	1.4	0.25	3.5	0.52	25
01-DU-592	0.05	14.0	1.5	0.005	0.03	0.25	34.5	7.0	0.5	99	82.3	141	46	10.4	1.0	0.25	3.2	0.48	24
01-DU-593	0.05	18.3	1.5	0.01	0.03	0.25	49.0	14.0	0.5	25	142.0	252	88	19.9	2.2	0.25	6.5	1.05	22
01-DU-594	0.05	19.7	1.5	0.005	0.03	0.25	18.7	7.7	0.5	25	64.5	106	38	9.3	1.7	0.25	3.3	0.57	28
01-DU-595	0.3	10.0	1.5	0.005	0.03	2	26.0	5.6	0.5	82	59.9	103	32	7.7	1.2	0.25	2.5	0.32	29
01-DU-596	0.05	9.7	5	0.005	0.03	0.25	33.2	9.8	0.5	129	79.1	132	54	10.8	1.4	1.4	3.8	0.61	31
01-DU-597	0.05	13.2	1.5	0.01	0.03	0.25	26.4	47.6	0.5	81	64.7	109	37	8.5	1.5	0.25	3.4	0.50	23
01-DU-598	0.05	12.6	1.5	0.005	0.03	0.25	28.0	4.2	0.5	160	67.9	110	35	8.0	1.2	0.25	2.5	0.39	23
01-DU-599	0.05	8.6	1.5	0.005	0.03	0.25	22.4	4.2	0.5	110	73.4	113	37	7.2	1.4	0.25	0.9	0.17	26

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-600	37D	18	514428	7702304	3	2.5	3.3	790	16.8	4	20	73	6	6.67	6	0.5	2.5	0.5	1.79	51	134
01-DU-601	37D	18	511945	7714294	1	2.5	4.1	1200	0.3	3	9	42	3	2.90	10	0.5	2.5	0.5	2.41	41	109
01-DU-602	37D	18	505753	7719017	2	2.5	2.1	840	0.3	0.5	6	11	2	1.95	9	0.5	2.5	0.5	2.80	35	132
01-DU-603	37D	18	474575	7698810	1	2.5	1.6	810	4.2	0.5	3	2.5	2	1.08	10	0.5	2.5	0.5	2.58	32	142
01-DU-604	37D	18	499727	7705166	1	2.5	3.2	720	12.7	0.5	12	48	6	3.24	9	0.5	2.5	0.5	1.15	33	89
01-DU-605	37D	18	516264	7691148	4	2.5	3.4	740	7.5	0.5	17	53	4	4.57	11	0.5	2.5	7	1.96	202	139
01-DU-606	37D	18	573795	7697630	10	2.5	3.7	990	0.3	0.5	20	25	7	6.62	20	0.5	2.5	0.5	2.10	52	211
01-DU-607	37D	18	576504	7689959	1	2.5	10.9	870	0.3	0.5	14	52	7	4.52	10	0.5	2.5	20	2.22	45	196
01-DU-608	37D	18	583916	7685819	4	2.5	40.3	940	3.8	3	13	126	11	6.43	7	0.5	2.5	9	1.45	42	147
01-DU-609	37D	18	594695	7674995	1	2.5	36.5	580	0.3	0.5	8	108	7	3.60	4	0.5	2.5	5	2.01	37	114
01-DU-610	37D	18	601778	7677106	6	2.5	46.8	770	0.3	0.5	8	120	7	3.57	5	0.5	2.5	7	1.90	170	140
01-DU-611	37D	18	607634	7670895	1	2.5	69.5	740	0.3	0.5	16	124	6	3.64	5	0.5	2.5	3	1.89	37	99
01-DU-612	27C	19	391205	7674164	1	2.5	80.2	670	0.3	2	15	118	6	3.65	5	0.5	2.5	4	1.80	38	76
01-DU-613	37D	18	615074	7661718	1	2.5	22.6	970	3.8	0.5	9	121	8	3.10	5	0.5	2.5	4	2.09	40	169
01-DU-614	37D	18	603479	7659390	1	2.5	39.0	870	0.3	0.5	10	115	5	3.38	4	0.5	2.5	0.5	1.99	162	85
01-DU-615	37D	18	569819	7711267	1	2.5	0.3	820	0.3	5	11	21	4	3.52	13	0.5	2.5	0.5	2.62	44	175
01-DU-617	37D	18	564926	7723100	6	2.5	30.4	440	0.3	0.5	4	221	7	12.50	8	0.5	2.5	14	0.43	46	134
01-DU-618	37D	18	562040	7723317	1	2.5	2.5	790	10.2	0.5	13	36	3	4.92	8	0.5	2.5	0.5	2.22	43	163
01-DU-619	37D	18	546760	7743165	6	2.5	1.9	870	1.1	0.5	8	29	2	2.37	10	0.5	2.5	2	2.72	37	111
01-DU-620	37D	18	542150	7739689	1	2.5	0.3	1100	2.9	2	10	34	3	2.77	7	0.5	2.5	6	2.45	39	119
01-DU-621	37D	18	567744	7718325	1	2.5	3.9	830	0.3	0.5	15	34	8	4.94	13	0.5	2.5	12	2.25	46	196
01-DU-622	37D	18	571572	7716667	1	2.5	3.3	1100	1.5	0.5	9	13	3	2.55	13	0.5	2.5	15	2.84	43	206
01-DU-623	37D	18	587398	7703001	1	2.5	19.2	2500	0.3	0.5	7	64	18	6.32	13	0.5	2.5	16	0.43	48	170
01-DU-625	37D	18	536942	7702459	1	2.5	0.3	1100	2.7	0.5	5	37	0.5	1.80	12	0.5	2.5	0.5	2.98	35	57
01-DU-626	37D	18	528653	7708368	4	2.5	3.0	820	0.3	0.5	12	52	0.5	3.91	13	0.5	2.5	0.5	2.84	41	815
01-DU-627	37D	18	534427	7713489	1	2.5	3.2	940	6.8	0.5	14	64	0.5	5.07	12	0.5	2.5	9	2.63	44	133
01-DU-629	37D	18	512725	7723078	3	2.5	2.4	1000	0.3	0.5	10	11	2	2.81	7	0.5	2.5	0.5	2.57	37	160
01-DU-630	37D	18	532905	7723655	1	2.5	2.9	850	14.9	0.5	13	70	3	4.05	8	0.5	2.5	0.5	2.06	36	143
01-DU-631	37D	18	545085	7706925	7	2.5	0.3	1000	0.3	0.5	19	103	3	6.24	11	0.5	2.5	5	1.97	255	171
01-DU-632	37D	18	545876	7710825	2	2.5	0.3	800	10.1	0.5	13	37	0.5	4.32	8	0.5	2.5	0.5	2.18	40	128
01-DU-633	37A	18	577282	7627642	4	2.5	41.0	820	0.3	0.5	12	110	7	3.63	6	0.5	2.5	0.5	1.92	38	119
01-DU-634	37A	18	572865	7626509	5	2.5	69.6	590	4.4	0.5	19	133	8	4.77	6	0.5	2.5	0.5	1.71	41	126
01-DU-635	37A	18	572049	7616528	1	2.5	44.6	580	1.6	0.5	15	100	5	3.23	5	0.5	2.5	0.5	2.00	34	92
01-DU-636	37A	18	572587	7616404	1	2.5	34.6	960	4.5	0.5	18	150	9	5.53	4	0.5	2.5	0.5	1.71	252	183
01-DU-637	37A	18	572947	7607910	4	2.5	116.0	800	7.5	0.5	22	123	13	8.05	7	0.5	2.5	19	1.68	35	126
01-DU-637G	37A	18	572947	7607910	1	2.5	186.0	520	0.3	1	3	69	4	35.70	2	0.5	2.5	217	0.78	37	815
01-DU-638	37A	18	574667	7598479	1	2.5	17.1	650	21.0	0.5	14	150	16	7.78	8	0.5	2.5	0.5	1.20	37	208
01-DU-639	37A	18	581502	7604443	1	2.5	50.3	690	0.3	0.5	14	165	14	5.73	8	0.5	2.5	0.5	1.46	40	170
01-DU-640	37A	18	594020	7607765	1	2.5	23.6	870	6.8	0.5	12	123	8	4.80	7	0.5	2.5	10	1.76	35	133
01-DU-641	37A	18	611822	7601702	1	2.5	10.6	1100	8.4	0.5	18	177	10	6.79	9	0.5	2.5	0.5	1.15	40	235
01-DU-642	37A	18	615721	7600988	14	2.5	9.6	470	12.3	3	7	88	5	2.87	7	0.5	2.5	0.5	2.12	32	80
01-DU-643	37A	18	617916	7610058	5	2.5	19.7	720	0.3	0.5	18	123	12	4.75	7	0.5	2.5	6	1.65	36	146
01-DU-644	37A	18	613171	7614866	1	2.5	33.3	870	2.6	0.5	19	148	11	5.51	7	0.5	2.5	9	1.87	38	141
01-DU-645	37A	18	604981	7632390	5	2.5	32.5	700	0.3	0.5	9	81	4	2.96	4	0.5	2.5	0.5	2.06	28	86
01-DU-646	37A	18	603816	7623585	1	2.5	36.4	680	2.8	0.5	15	103	5	3.32	5	0.5	2.5	4	2.12	143	124
01-DU-647	37A	18	616652	7635829	1	2.5	52.0	670	0.3	0.5	16	119	7	4.15	5	0.5	2.5	3	1.95	29	120
01-DU-648	37A	18	613319	7626678	1	2.5	31.2	820	2.4	0.5	11	110	5	3.04	5	0.5	2.5	0.5	2.12	29	121
01-DU-649	37A	18	618313	7640666	5	2.5	81.1	820	0.3	0.5	13	122	8	4.25	4	0.5	2.5	5	1.66	29	97
01-DU-650	37D	18	529506	7656699	4	2.5	29.3	780	6.1	0.5	8	118	10	4.56	6	0.5	2.5	0.5	1.80	33	172

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-600	0.05	17.1	1.5	0.01	0.03	2	29.1	6.3	0.5	25	112.0	182	63	11.7	2.1	0.25	1.7	0.26	22
01-DU-601	0.2	9.5	1.5	0.005	0.03	0.25	29.4	5.0	0.5	25	75.3	112	45	8.3	1.3	0.25	3.0	0.52	26
01-DU-602	0.05	5.1	1.5	0.005	0.03	0.25	20.2	6.3	0.5	25	41.2	82	19	4.4	1.0	0.25	2.1	0.28	30
01-DU-603	0.05	2.9	1.5	0.005	0.03	0.25	20.4	5.7	0.5	25	40.1	68	24	4.6	0.8	0.25	1.8	0.32	30
01-DU-604	0.05	9.6	1.5	0.005	0.03	0.25	23.8	5.4	0.5	78	54.7	100	40	7.0	1.2	0.25	2.6	0.41	26
01-DU-605	0.05	12.6	1.5	0.005	0.03	2.5	34.4	11.2	0.5	25	74.6	144	39	7.6	1.4	0.25	2.5	0.43	27
01-DU-606	0.05	17.0	1.5	0.01	0.06	7.1	49.2	20.7	0.5	25	225.0	346	132	23.4	3.7	2.3	5.4	0.78	25
01-DU-607	0.05	13.0	1.5	0.01	0.03	4.4	41.3	30.7	0.5	138	102.0	168	52	10.4	1.7	1.9	3.8	0.56	24
01-DU-608	1	19.0	1.5	0.005	0.03	0.25	34.7	8.4	0.5	129	89.9	157	57	11.9	1.8	0.25	4.3	0.60	25
01-DU-609	0.05	16.4	1.5	0.005	0.03	0.25	15.5	4.9	0.5	114	53.2	91	28	7.1	1.4	0.9	2.6	0.34	29
01-DU-610	0.6	18.5	1.5	0.005	0.03	0.25	17.2	4.2	0.5	99	56.2	96	35	7.6	1.5	0.25	2.5	0.40	29
01-DU-611	0.7	19.5	1.5	0.005	0.06	0.25	16.3	4.2	0.5	124	61.5	105	40	8.2	1.5	0.8	2.7	0.38	30
01-DU-612	0.2	17.1	1.5	0.005	0.03	1.3	15.8	5.8	0.5	25	57.2	94	33	7.4	1.5	0.25	2.7	0.43	27
01-DU-613	0.5	20.5	1.5	0.005	0.03	0.25	27.0	4.6	0.5	111	90.8	158	54	12.4	2.2	0.25	3.8	0.59	28
01-DU-614	0.05	17.5	1.5	0.005	0.03	2.7	12.0	3.6	0.5	25	44.0	75	27	6.2	1.3	1	2.6	0.43	29
01-DU-615	0.05	10.7	1.5	0.01	0.03	3.8	41.8	45.8	0.5	25	103.0	157	51	9.3	1.7	0.25	3.2	0.57	24
01-DU-617	0.05	24.6	1.5	0.01	0.03	0.25	45.3	9.2	0.5	163	129.0	220	85	17.7	1.3	1.8	4.4	0.72	25
01-DU-618	0.05	11.4	1.5	0.005	0.03	0.25	32.1	4.2	0.5	100	67.7	111	39	6.6	0.9	0.25	2.4	0.34	23
01-DU-619	0.05	8.1	1.5	0.005	0.03	0.25	18.0	3.3	0.5	25	45.9	78	31	5.5	1.1	0.25	2.0	0.34	27
01-DU-620	0.05	8.2	1.5	0.005	0.03	2.6	25.2	6.5	0.5	25	61.6	104	35	6.6	1.1	0.25	1.8	0.33	25
01-DU-621	0.05	13.3	1.5	0.01	0.03	0.25	42.7	20.3	0.5	118	110.0	175	52	10.3	1.6	0.25	3.1	0.40	23
01-DU-622	0.05	8.1	1.5	0.01	0.03	6.7	50.4	29.5	0.5	25	121.0	208	60	10.6	1.6	0.25	4.0	0.54	25
01-DU-623	0.6	16.6	1.5	0.01	0.03	0.25	72.6	8.2	0.5	163	232.0	369	136	26.5	3.6	2.5	3.9	0.63	22
01-DU-625	0.05	5.9	1.5	0.01	0.03	0.25	12.4	0.3	0.5	25	31.2	55	16	4.0	1.3	0.25	1.4	0.21	27
01-DU-626	0.05	12.1	1.5	0.01	0.03	0.25	30.1	0.3	0.5	25	74.1	141	44	9.0	1.9	1.2	2.2	0.40	25
01-DU-627	0.05	14.4	1.5	0.01	0.03	0.25	23.5	0.3	0.5	25	73.6	125	53	8.0	1.8	0.25	2.3	0.38	22
01-DU-629	0.05	7.8	1.5	0.01	0.03	4	26.8	8.2	0.5	25	50.9	90	24	4.6	0.8	0.25	1.7	0.31	24
01-DU-630	0.05	10.8	1.5	0.01	0.03	0.25	23.0	5.6	0.5	25	55.2	102	31	6.4	1.3	0.25	2.1	0.33	25
01-DU-631	0.05	15.8	8	0.01	0.03	0.3	47.7	4.8	0.5	181	156.0	251	70	12.2	1.8	0.25	2.6	0.37	22
01-DU-632	0.05	11.5	1.5	0.01	0.03	0.25	40.9	3.6	0.5	25	88.6	145	46	7.8	1.2	0.25	1.6	0.24	22
01-DU-633	0.05	17.4	1.5	0.01	0.03	1.9	17.3	3.7	0.5	141	58.3	97	39	8.0	1.5	0.25	3.4	0.57	24
01-DU-634	0.05	19.9	1.5	0.01	0.03	0.25	21.4	0.3	7	25	71.8	119	55	9.6	1.6	1.4	3.6	0.62	23
01-DU-635	0.05	15.7	3	0.01	0.03	2.6	16.6	5.8	4	106	58.9	103	42	7.8	1.6	1.1	2.8	0.44	30
01-DU-636	0.2	20.4	1.5	0.01	0.03	2.5	16.8	4.7	9	25	51.2	94	39	7.0	1.3	0.25	3.1	0.42	23
01-DU-637	0.1	19.1	1.5	0.01	0.03	0.25	31.1	6.2	6	212	100.0	173	72	13.2	2.0	2	4.7	0.77	26
01-DU-637G	2.7	16.1	57	0.01	0.03	0.25	3.1	4.4	8	151	10.0	15	2.5	1.1	0.5	0.25	1.4	0.25	28
01-DU-638	0.05	21.3	1.5	0.01	0.03	2.1	29.9	12.6	4	25	81.2	139	54	10.4	1.2	0.25	4.2	0.71	22
01-DU-639	0.05	21.7	1.5	0.01	0.03	0.25	35.8	8.6	7	101	113.0	200	76	15.0	2.0	1.6	6.0	0.87	21
01-DU-640	0.3	18.5	5	0.01	0.03	0.25	32.1	5.7	0.5	25	95.6	168	63	12.7	1.9	1.4	4.4	0.71	25
01-DU-641	0.05	22.8	1.5	0.01	0.03	0.25	47.4	10.0	8	150	131.0	226	84	16.8	2.5	2.4	5.2	0.87	22
01-DU-642	0.3	11.3	1.5	0.01	0.03	0.25	33.1	5.2	0.5	25	106.0	181	70	13.3	2.1	1.6	4.0	0.73	27
01-DU-643	0.05	17.7	1.5	0.01	0.03	0.25	28.4	9.0	5	186	85.2	145	54	11.3	1.7	1.6	4.5	0.63	23
01-DU-644	0.3	21.8	1.5	0.01	0.03	0.25	31.0	6.2	8	25	91.9	161	65	12.2	2.0	1.7	4.3	0.64	22
01-DU-645	0.05	14.1	1.5	0.01	0.03	0.25	9.1	2.8	0.5	67	32.5	62	21	4.5	0.9	0.8	2.7	0.42	30
01-DU-646	0.05	16.3	1.5	0.01	0.03	0.25	16.1	2.8	0.5	145	56.9	100	31	7.7	1.4	0.25	2.9	0.54	25
01-DU-647	0.4	19.2	1.5	0.01	0.03	1.9	15.6	3.9	0.5	77	60.9	106	36	7.9	1.6	0.25	3.1	0.52	28
01-DU-648	0.05	17.0	1.5	0.01	0.03	0.25	15.9	3.5	0.5	25	58.4	98	37	7.9	1.6	0.25	3.2	0.47	28
01-DU-649	0.4	18.7	1.5	0.01	0.03	0.25	12.7	4.6	0.5	70	49.5	87	27	6.8	1.4	0.7	2.7	0.43	26
01-DU-650	0.4	17.7	1.5	0.01	0.03	0.25	23.9	4.6	0.5	94	73.2	126	44	9.3	1.7	0.25	4.0	0.55	22

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-651	37D	18	515091	7667847	14	2.5	88.4	770	22.5	0.5	25	93	6	7.13	6	0.5	2.5	13	1.43	31	148
01-DU-652	37D	18	519594	7671823	4	2.5	25.1	920	5.2	0.5	21	115	10	5.62	7	0.5	2.5	13	1.63	34	196
01-DU-653	37D	18	512789	7677184	4	2.5	80.3	690	10.5	4	32	64	7	7.95	6	0.5	2.5	10	1.26	29	152
01-DU-654	37D	18	541347	7685929	5	2.5	33.9	1000	6.8	0.5	23	62	5	4.82	8	0.5	2.5	6	1.57	30	174
01-DU-655	37D	18	539950	7674513	12	2.5	35.2	1200	5.9	0.5	36	114	8	8.31	9	0.5	2.5	7	0.90	244	227
01-DU-656	37D	18	532213	7673129	2	2.5	36.6	1100	7.3	0.5	29	145	10	7.54	8	0.5	2.5	0.5	1.08	158	191
01-DU-657G	37D	18	536324	7669089	55	2.5	412.0	470	0.3	0.5	3	82	8	18.90	5	0.5	2.5	59	0.90	30	108
01-DU-657B	37D	18	578857	7657177	6	2.5	52.1	730	0.3	0.5	14	111	6	3.71	5	0.5	2.5	3	2.13	29	150
01-DU-658	37D	18	561422	7674088	5	2.5	43.0	690	0.3	0.5	6	99	12	5.98	8	0.5	2.5	10	1.90	32	159
01-DU-659	37D	18	572379	7674827	1	2.5	48.9	930	6.3	0.5	11	159	14	6.94	8	0.5	2.5	8	1.52	33	216
01-DU-660	37D	18	558414	7686485	1	2.5	5.4	880	4.8	3	7	27	5	2.84	14	0.5	2.5	12	2.20	27	209
01-DU-661	37D	18	559840	7705372	1	2.5	2.4	750	2.1	1	1	12	3	0.98	16	0.5	2.5	0.5	3.10	41	100
01-DU-662	37D	18	570954	7685896	4	2.5	6.7	980	0.3	0.5	13	39	5	3.89	14	0.5	2.5	0.5	2.63	32	197
01-DU-663	37D	18	588207	7667925	4	2.5	44.5	560	0.3	0.5	7	93	7	3.82	6	0.5	2.5	0.5	2.04	26	131
01-DU-664	37D	18	581044	7673937	1	2.5	36.3	690	5.1	0.5	8	102	10	3.86	7	0.5	2.5	3	1.91	30	165
01-DU-665	37D	18	554645	7671065	1	2.5	30.7	760	0.3	0.5	10	133	14	5.14	6	0.5	2.5	0.5	1.73	31	244
01-DU-666	37D	18	550215	7655643	1	2.5	43.8	1000	0.3	0.5	12	121	8	3.97	6	0.5	2.5	0.5	2.06	30	157
01-DU-667	37A	18	616116	7651227	8	2.5	116.0	880	0.3	0.5	13	127	5	4.75	5	0.5	2.5	4	1.89	38	138
01-DU-668	37A	18	601461	7651782	1	2.5	38.8	660	0.3	0.5	15	118	6	4.35	4	0.5	2.5	0.5	1.74	27	130
01-DU-669	37A	18	584965	7638846	12	2.5	26.9	580	0.3	2	11	92	6	3.60	5	0.5	2.5	6	1.98	26	128
01-DU-670	37A	18	586122	7631057	1	2.5	31.5	820	0.3	0.5	12	116	6	4.01	4	0.5	2.5	0.5	2.03	28	90
01-DU-671	37A	18	577915	7653681	1	2.5	79.7	530	5.0	0.5	11	87	7	3.68	5	0.5	2.5	0.5	2.08	24	102
01-DU-672	27B	19	404401	7592049	1	2.5	2.7	600	4.5	0.5	15	68	3	3.45	9	0.5	2.5	0.5	2.24	26	137
01-DU-673	27B	19	402820	7588680	4	2.5	4.7	830	0.3	0.5	12	68	4	3.76	14	0.5	2.5	0.5	1.71	28	133
01-DU-674	27B	19	401789	7579586	1	2.5	2.9	720	3.1	5	15	84	5	4.56	8	0.5	2.5	0.5	1.50	28	174
01-DU-675	27B	19	402442	7576499	1	2.5	3.5	580	4.8	0.5	9	42	2	2.29	11	0.5	2.5	0.5	1.72	25	113
01-DU-676	27B	19	405983	7578218	1	2.5	3.4	760	5.5	0.5	12	84	4	4.11	9	0.5	2.5	10	1.46	27	180
01-DU-677	27B	19	408606	7575401	1	2.5	3.3	710	3.5	0.5	11	76	2	3.73	13	0.5	2.5	5	1.76	26	109
01-DU-678	27B	19	413032	7584741	6	2.5	4.6	720	8.1	0.5	20	88	6	5.51	10	0.5	2.5	0.5	1.34	29	189
01-DU-679	27B	19	410736	7585367	8	2.5	5.2	900	0.3	0.5	12	68	4	4.40	13	0.5	2.5	0.5	1.64	29	176
01-DU-680	27B	19	395337	7601972	1	2.5	4.8	630	3.0	0.5	14	107	8	4.40	10	0.5	2.5	6	1.56	28	181
01-DU-681	27B	19	390798	7603998	1	2.5	9.9	890	0.3	0.5	20	174	14	6.46	8	0.5	2.5	0.5	1.22	32	227
01-DU-682	27B	19	397334	7588236	1	2.5	5.3	750	3.3	0.5	20	98	6	4.62	9	0.5	2.5	0.5	1.38	28	133
01-DU-683	27B	19	380578	7606324	1	2.5	48.7	810	5.9	0.5	22	248	7	6.91	9	0.5	2.5	7	1.45	30	148
01-DU-684	27B	19	377949	7600064	1	2.5	5.2	600	0.3	0.5	12	116	7	3.96	8	0.5	2.5	0.5	1.57	27	162
01-DU-685	27B	19	391186	7595181	1	2.5	4.0	730	0.3	2	13	85	4	3.25	10	0.5	2.5	6	2.17	27	117
01-DU-686	27B	19	386886	7588717	4	2.5	3.2	540	2.0	0.5	12	51	2	2.78	9	0.5	2.5	3	1.89	24	104
01-DU-687	27B	19	401588	7559384	1	2.5	1.4	1100	0.3	0.5	15	60	2	4.49	10	0.5	2.5	0.5	1.25	27	178
01-DU-688	27B	19	396526	7555645	1	2.5	1.9	1200	7.2	0.5	13	75	0.5	4.22	26	0.5	2.5	0.5	1.41	55	139
01-DU-689	27B	19	391095	7552299	4	2.5	1.6	1400	7.3	3	14	53	3	4.28	16	0.5	2.5	3	1.64	49	172
01-DU-690	27B	19	389270	7557083	1	2.5	2.5	1100	0.3	0.5	9	30	0.5	3.24	14	0.5	2.5	0.5	1.83	27	170
01-DU-691	27B	19	386747	7629592	2	2.5	23.1	730	1.3	2	15	117	7	3.89	5	0.5	2.5	3	1.99	26	101
01-DU-692	27B	19	390443	7625313	5	2.5	14.5	480	4.9	0.5	8	120	8	4.79	6	0.5	2.5	0.5	1.92	57	77
01-DU-693	27B	19	397936	7594660	1	2.5	3.0	840	0.3	3	23	151	5	3.88	9	0.5	2.5	8	2.10	41	120
01-DU-694	27B	19	392516	7591358	1	2.5	2.7	890	0.3	0.5	13	59	3	3.21	11	0.5	2.5	0.5	1.95	56	82
01-DU-695	27B	19	379704	7563156	5	2.5	0.3	650	2.2	0.5	14	82	0.5	3.70	10	0.5	2.5	0.5	1.62	55	166
01-DU-696	27B	19	382856	7568008	1	2.5	0.3	520	0.3	0.5	8	47	0.5	2.72	18	0.5	2.5	0.5	1.86	55	105
01-DU-697	27B	19	388153	7567698	1	2.5	0.3	790	2.0	0.5	12	48	0.5	2.75	13	0.5	2.5	9	1.92	58	151
01-DU-698	27B	19	377734	7575264	1	2.5	0.3	620	2.5	0.5	11	50	4	3.31	9	0.5	2.5	0.5	1.39	51	148

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-651	4.4	13.7	1.5	0.01	0.03	2.4	28.1	9.9	0.5	310	73.7	144	55	9.9	1.5	1.3	3.2	0.46	25
01-DU-652	0.8	18.1	1.5	0.01	0.03	2.8	26.1	6.2	0.5	121	77.3	138	56	9.5	1.6	0.25	3.5	0.64	21
01-DU-653	0.9	10.0	1.5	0.01	0.03	0.25	26.3	6.9	0.5	322	71.3	117	43	8.1	1.1	0.25	3.0	0.56	25
01-DU-654	0.05	11.4	1.5	0.01	0.03	2.1	33.2	9.0	0.5	101	82.0	139	52	9.4	1.4	0.25	3.5	0.65	23
01-DU-655	0.9	17.3	1.5	0.005	0.03	4.6	39.3	12.1	0.5	301	106.0	186	64	12.7	1.7	1.3	5.2	0.82	24
01-DU-656	0.4	19.7	1.5	0.01	0.03	0.25	39.8	12.6	0.5	166	105.0	179	72	12.9	1.9	2.7	4.7	0.80	24
01-DU-657G	22.9	11.1	20	0.01	0.03	0.25	13.8	2.6	0.5	104	35.7	64	21	4.0	0.7	0.25	1.9	0.28	25
01-DU-657B	0.05	18.4	1.5	0.01	0.03	0.25	15.3	4.1	0.5	106	58.2	109	37	7.6	1.5	1.1	2.8	0.45	27
01-DU-658	0.05	15.0	1.5	0.01	0.03	0.25	33.6	10.6	0.5	146	100.0	169	65	11.5	1.5	0.25	4.3	0.78	24
01-DU-659	1.1	22.0	1.5	0.01	0.03	0.25	33.8	11.1	0.5	149	104.0	175	59	12.3	1.7	1.6	4.3	0.71	23
01-DU-660	0.05	8.7	1.5	0.01	0.03	0.25	42.7	13.1	0.5	25	95.8	164	51	10.7	1.3	0.25	4.3	0.72	26
01-DU-661	0.05	3.8	1.5	0.005	0.03	2	28.6	10.3	0.5	25	52.5	112	30	5.9	1.2	0.25	2.5	0.37	7.8
01-DU-662	0.05	12.7	1.5	0.01	0.03	1.7	41.2	25.0	0.5	25	98.7	163	52	9.8	1.6	0.25	4.7	0.78	24
01-DU-663	0.3	14.0	1.5	0.005	0.03	0.25	22.2	5.2	0.5	25	65.0	104	36	7.4	1.5	1.4	2.6	0.46	30
01-DU-664	0.3	17.0	1.5	0.01	0.13	2.5	26.7	5.5	0.5	121	87.5	150	54	10.7	1.9	1.4	3.7	0.63	24
01-DU-665	0.2	18.1	1.5	0.01	0.03	2.4	24.4	15.1	0.5	175	67.2	114	40	7.8	1.3	0.25	3.6	0.59	22
01-DU-666	0.4	20.2	1.5	0.01	0.03	0.25	22.0	4.5	0.5	81	71.9	127	47	9.7	1.9	0.25	3.8	0.66	25
01-DU-667	0.3	20.6	1.5	0.01	0.03	1.6	15.3	4.1	0.5	73	63.9	114	42	8.5	1.7	1.1	2.9	0.49	27
01-DU-668	0.2	17.3	1.5	0.005	0.03	0.25	10.8	3.6	5	126	43.2	77	26	5.7	1.2	0.25	2.8	0.39	27
01-DU-669	0.4	15.4	1.5	0.005	0.03	0.25	9.4	1.8	0.5	118	37.5	64	27	5.0	1.1	0.25	3.0	0.49	28
01-DU-670	0.2	18.1	1.5	0.01	0.03	0.25	13.3	3.8	0.5	125	47.7	82	29	6.4	1.3	0.25	2.8	0.45	26
01-DU-671	0.2	13.5	1.5	0.005	0.03	0.25	12.1	4.1	0.5	107	40.0	71	25	6.0	1.3	1.2	2.8	0.40	30
01-DU-672	0.05	11.2	4	0.005	0.03	0.25	24.4	4.6	0.5	121	61.5	112	40	7.2	1.2	1.2	3.0	0.51	27
01-DU-673	0.05	12.0	1.5	0.01	0.03	0.25	48.5	9.2	0.5	73	119.0	202	75	14.4	1.8	1.6	5.0	0.80	26
01-DU-674	0.05	13.7	1.5	0.01	0.03	1.6	28.0	5.2	0.5	86	72.2	121	41	8.4	1.1	1	2.7	0.48	22
01-DU-675	0.05	8.1	1.5	0.005	0.03	0.25	32.8	6.4	0.5	25	76.3	130	49	9.1	1.2	1.1	3.3	0.49	25
01-DU-676	0.05	12.7	3	0.005	0.03	0.25	31.2	7.1	0.5	84	76.0	130	51	8.9	1.2	0.8	2.9	0.47	25
01-DU-677	0.05	12.6	1.5	0.005	0.03	0.25	41.6	8.8	0.5	25	97.6	167	58	11.6	1.4	1.3	3.6	0.70	29
01-DU-678	0.05	15.6	1.5	0.005	0.03	0.25	33.6	6.9	0.5	120	87.9	156	54	10.7	1.4	1.6	3.5	0.57	24
01-DU-679	0.4	13.7	1.5	0.01	0.03	0.25	46.9	12.9	0.5	102	120.0	207	73	14.9	1.4	1.6	5.5	0.89	24
01-DU-680	0.05	15.8	1.5	0.01	0.03	1.8	38.6	9.0	0.5	73	106.0	181	63	13.1	1.7	1.6	5.1	0.86	25
01-DU-681	0.5	21.1	1.5	0.01	0.07	1.9	32.8	12.4	0.5	176	87.5	157	56	11.2	1.7	1.5	4.5	0.71	21
01-DU-682	0.05	14.5	1.5	0.01	0.03	1.9	32.2	7.1	0.5	153	83.5	142	50	10.2	1.3	1.5	3.4	0.57	22
01-DU-683	0.4	18.7	1.5	0.01	0.03	0.25	42.2	7.3	0.5	114	118.0	212	75	15.9	2.2	1.8	5.4	0.87	25
01-DU-684	0.2	14.7	1.5	0.01	0.03	0.25	30.1	8.5	7	126	83.3	148	54	10.4	1.5	1.5	3.9	0.68	24
01-DU-685	0.05	12.0	1.5	0.005	0.03	0.25	26.1	6.8	0.5	25	71.9	123	39	9.1	1.3	1.3	4.3	0.68	25
01-DU-686	0.05	9.5	1.5	0.005	0.03	0.25	25.9	4.8	0.5	25	70.4	121	38	8.3	1.2	0.25	2.5	0.47	25
01-DU-687	0.3	14.2	1.5	0.01	0.03	1.9	33.4	4.5	0.5	157	113.0	185	68	10.5	1.4	0.9	2.1	0.34	24
01-DU-688	0.05	14.9	1.5	0.01	0.10	2.5	84.2	13.5	0.5	25	223.0	454	153	26.2	2.4	0.25	4.4	0.68	7.2
01-DU-689	0.05	14.0	1.5	0.01	0.03	1.9	49.5	6.0	0.5	25	146.0	258	82	15.3	2.0	1.4	3.0	0.47	23
01-DU-690	0.05	12.3	1.5	0.01	0.03	0.25	38.6	6.4	0.5	102	136.0	217	77	13.3	1.8	1.1	2.5	0.37	27
01-DU-691	0.05	16.5	1.5	0.01	0.03	2.1	17.3	4.0	0.5	25	59.3	106	38	7.6	1.5	0.9	2.8	0.47	26
01-DU-692	0.05	16.1	1.5	0.01	0.03	0.25	20.1	6.0	4	146	62.5	104	34	8.7	0.9	0.25	3.0	0.51	26
01-DU-693	0.05	13.7	1.5	0.01	0.03	0.25	19.2	4.8	0.5	25	57.8	102	35	7.8	1.0	0.25	3.0	0.55	22
01-DU-694	0.05	11.3	1.5	0.01	0.03	0.25	31.6	8.1	0.5	25	83.6	138	59	10.9	1.5	1.5	3.7	0.62	26
01-DU-695	0.05	12.0	1.5	0.01	0.03	0.25	30.2	8.3	0.5	25	71.3	128	42	9.3	1.2	1.7	2.3	0.44	23
01-DU-696	0.05	12.8	1.5	0.01	0.03	0.25	52.3	11.5	0.5	25	119.0	198	73	15.6	1.6	0.25	4.9	0.83	29
01-DU-697	0.05	11.7	1.5	0.01	0.03	0.25	40.2	7.7	0.5	25	98.4	171	62	12.8	1.3	0.25	3.4	0.52	25
01-DU-698	0.05	9.1	1.5	0.01	0.03	0.25	30.1	8.1	0.5	25	68.7	113	37	8.4	1.2	0.25	2.3	0.41	25

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
01-DU-699	27B	19	383405	7574925	1	2.5	1.5	510	0.3	0.5	16	94	5	4.42	6	0.5	2.5	0.5	1.40	54	200
01-DU-700	27B	19	378766	7578711	1	2.5	3.9	590	7.1	0.5	16	75	8	4.30	8	0.5	2.5	0.5	1.33	56	182
01-DU-701	37D	18	504872	7689881	1	2.5	8.6	710	7.2	0.5	28	144	9	7.24	9	0.5	2.5	8	0.85	58	242
01-DU-702	37D	18	504890	7689681	1	2.5	10.1	750	7.2	4	29	106	8	6.00	9	0.5	2.5	8	0.96	58	183
01-DU-703	37D	18	505201	7683491	1	2.5	9.1	1000	9.9	0.5	23	124	13	5.55	8	0.5	2.5	7	1.26	57	229
01-DU-704	37D	18	505194	7682944	1	2.5	15.3	870	2.5	0.5	16	94	10	4.69	9	0.5	2.5	14	1.26	55	255
02-DU-284	27B	19	382557	7621231	1	2.5	10.3	680	5.7	0.5	10	110	5	3.48	5	0.5	2.5	7	2.11	36	112
02-DU-691	27B	19	386747	7629592	1	2.5	16.9	710	2.9	0.5	12	134	8	4.00	6	0.5	2.5	5	2.04	39	155
02-DU-1002	27B	19	378863	7616453	5	2.5	24.1	490	5.0	0.5	6	96	6	3.63	6	0.5	2.5	7	2.08	36	93
02-DU-1004	27B	19	382379	7611770	4	2.5	21.2	590	0.3	0.5	14	118	11	4.36	6	0.5	2.5	5	1.71	37	131
02-DU-1005	27B	19	383569	7616664	2	2.5	34.3	730	2.5	0.5	18	127	10	4.44	6	0.5	2.5	0.5	1.97	42	127
02-DU-1006	27B	19	390892	7612323	1	2.5	18.9	680	0.3	3	14	119	9	4.29	7	0.5	2.5	6	1.95	38	135
02-DU-1007	27B	19	393686	7617092	1	2.5	17.3	880	0.3	3	16	147	15	5.31	6	0.5	2.5	4	1.67	42	153
02-DU-1008	27B	19	387656	7618639	1	2.5	41.3	750	0.3	0.5	19	143	11	4.86	6	0.5	2.5	5	1.65	42	140
02-DU-1010	27B	19	392482	7624067	5	2.5	22.7	870	0.3	0.5	12	145	8	4.67	6	0.5	2.5	9	1.94	42	128
02-DU-1011	27B	19	385688	7632314	1	2.5	21.5	690	0.3	0.5	10	112	5	3.43	5	0.5	2.5	5	2.35	39	121
02-DU-1012	27B	19	396494	7635366	12	2.5	23.1	560	0.3	3	14	114	6	3.50	4	0.5	2.5	3	2.26	39	110
02-DU-1013	27B	19	386167	7650354	1	2.5	90.7	650	0.3	0.5	14	112	6	4.01	5	0.5	2.5	0.5	1.78	30	115
02-DU-1014	27B	19	396038	7650022	6	2.5	66.1	770	0.3	0.5	15	107	6	3.57	5	0.5	2.5	2	2.12	32	126
02-DU-1015	27B	19	404073	7641000	1	2.5	26.9	920	0.3	0.5	19	126	8	4.41	5	0.5	2.5	4	2.02	36	158
02-DU-1016	27B	19	410240	7634428	3	2.5	7.8	840	0.3	0.5	12	104	5	2.96	13	0.5	2.5	4	1.62	33	150
02-DU-1017	27B	19	403970	7630553	1	2.5	34.7	870	0.3	0.5	16	138	9	4.74	5	0.5	2.5	0.5	1.98	37	167
02-DU-1018	27B	19	409860	7651981	6	2.5	70.6	910	0.3	0.5	15	121	4	3.69	5	0.5	2.5	3	2.33	36	132
02-DU-1019	27B	19	409926	7641558	5	2.5	15.2	650	1.5	0.5	7	81	4	2.66	6	0.5	2.5	6	1.93	27	94
02-DU-1020	27B	19	422960	7645728	1	2.5	12.7	650	2.2	3	15	119	6	4.37	9	0.5	2.5	0.5	1.68	32	132
02-DU-1021	27B	19	425153	7635468	6	2.5	28.7	820	5.1	0.5	20	137	8	4.66	6	0.5	2.5	0.5	1.89	33	189
02-DU-1022	27B	19	417469	7631205	1	2.5	20.0	790	4.0	0.5	15	110	7	3.70	6	0.5	2.5	0.5	2.04	32	151
02-DU-1023	27B	19	424194	7630376	5	2.5	29.3	840	1.6	0.5	18	125	9	4.34	5	0.5	2.5	9	1.95	33	144
02-DU-1024	27B	19	432687	7623295	5	2.5	18.3	730	0.3	1	17	119	12	4.57	10	0.5	2.5	21	1.76	34	175
02-DU-1025	27B	19	441573	7631091	1	2.5	17.7	800	0.3	0.5	18	139	12	4.74	8	0.5	2.5	9	1.74	32	191
02-DU-1026	27B	19	435136	7642940	2	5	31.5	660	0.3	2	15	121	8	4.10	5	0.5	2.5	0.5	1.80	29	124
02-DU-1027	27B	19	430999	7651390	1	2.5	20.5	710	0.3	0.5	16	114	7	3.93	6	0.5	2.5	7	1.79	29	123
02-DU-1028	27B	19	438141	7612404	1	2.5	15.8	680	1.9	0.5	19	118	13	5.16	9	0.5	2.5	0.5	1.77	35	222
02-DU-1029	27B	19	428225	7608662	1	2.5	4.1	750	2.9	0.5	16	101	7	3.70	9	0.5	2.5	6	1.84	30	156
02-DU-1030	27B	19	433072	7602692	1	2.5	1.4	670	0.3	0.5	9	50	3	2.62	10	0.5	2.5	10	1.98	28	118
02-DU-1031	27B	19	437514	7598106	1	2.5	4.2	630	12.3	4	14	80	4	3.65	8	0.5	2.5	6	1.24	28	162
02-DU-1032	27B	19	439599	7589221	1	2.5	1.6	560	0.3	0.5	15	121	3	3.63	12	0.5	2.5	5	1.42	29	141
02-DU-1033	27B	19	445015	7591320	1	2.5	2.2	850	0.3	0.5	19	94	7	5.50	9	0.5	2.5	9	1.49	33	200
02-DU-1034	27B	19	441852	7594931	6	2.5	2.7	830	5.0	0.5	19	109	7	5.33	9	0.5	2.5	0.5	1.43	33	220
02-DU-1035	27B	19	451971	7595021	1	2.5	1.2	750	2.6	0.5	14	92	3	3.77	12	0.5	2.5	0.5	1.84	28	152
02-DU-1036	27B	19	449432	7598076	5	2.5	2.1	880	0.3	0.5	18	88	5	4.51	11	0.5	2.5	7	1.56	31	167
02-DU-1037	27B	19	438272	7605235	1	2.5	4.6	590	4.3	0.5	15	90	6	3.77	9	0.5	2.5	5	1.86	29	160
02-DU-1038	27B	19	424738	7593016	4	2.5	5.7	320	9.2	12	7	38	3	2.16	6	0.5	2.5	3	0.68	20	82
02-DU-1039	27B	19	423469	7596204	1	2.5	2.2	640	0.3	0.5	15	95	4	4.22	11	0.5	2.5	10	1.77	29	141
02-DU-1040	27B	19	412127	7597780	6	2.5	4.8	750	0.3	2	18	120	9	5.07	10	0.5	2.5	12	1.69	30	185
02-DU-1041	27B	19	405077	7596759	1	2.5	4.5	690	3.1	0.5	19	106	8	4.21	9	0.5	2.5	7	1.87	30	150
02-DU-1043	27B	19	408507	7610302	1	2.5	29.1	930	0.3	0.5	17	160	11	5.38	7	0.5	2.5	7	1.58	29	161
02-DU-1044	27B	19	418696	7615084	4	2.5	21.2	880	5.4	0.5	13	132	9	4.54	8	0.5	2.5	6	1.85	28	156
02-DU-1045	27B	19	413564	7617593	1	2.5	23.6	800	2.3	0.5	16	157	12	5.18	8	0.5	2.5	8	1.84	30	145

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
01-DU-699	0.05	12.4	1.5	0.01	0.03	0.25	24.1	6.1	0.5	150	54.6	95	34	6.8	0.8	0.25	1.9	0.34	22
01-DU-700	0.5	13.0	1.5	0.01	0.03	0.25	32.4	9.0	0.5	133	76.1	124	42	9.5	1.2	0.25	2.5	0.39	22
01-DU-701	0.05	22.2	1.5	0.01	0.03	0.25	27.0	12.6	0.5	348	67.0	115	47	9.2	0.9	0.25	3.8	0.53	22
01-DU-702	0.05	18.1	1.5	0.01	0.03	0.25	36.8	9.0	0.5	215	91.8	167	54	12.5	1.6	0.25	4.3	0.67	22
01-DU-703	0.05	19.0	1.5	0.01	0.03	0.25	35.5	9.9	0.5	157	93.3	165	60	12.3	1.5	0.25	5.0	0.78	21
01-DU-704	0.6	17.7	1.5	0.01	0.03	2.3	38.4	12.3	0.5	177	93.8	169	68	13.7	1.7	0.25	5.4	0.79	22
02-DU-284	0.05	14.4	1.5	0.005	0.03	0.25	17.6	3.0	0.5	25	53.9	105	45	7.6	1.7	0.25	3.3	0.51	27
02-DU-691	0.05	16.3	1.5	0.005	0.03	0.25	22.7	4.5	0.5	25	66.4	129	45	9.5	1.8	0.25	3.9	0.58	25
02-DU-1002	0.05	12.0	1.5	0.005	0.03	0.25	18.4	2.8	3	25	42.5	86	27	5.9	1.1	1.1	2.9	0.44	27
02-DU-1004	0.5	15.9	1.5	0.005	0.03	0.25	21.9	7.7	0.5	25	65.1	127	50	9.0	1.6	1.1	3.9	0.61	25
02-DU-1005	0.05	17.1	1.5	0.005	0.03	0.25	20.9	5.1	9	25	69.7	135	49	9.7	1.9	1.5	4.1	0.60	22
02-DU-1006	0.05	16.4	1.5	0.005	0.03	0.25	22.5	6.9	0.5	163	72.0	139	52	9.7	1.9	0.25	4.5	0.69	26
02-DU-1007	0.5	19.3	1.5	0.005	0.03	0.25	27.2	8.6	7	25	75.9	155	56	10.8	1.8	2	4.6	0.70	21
02-DU-1008	0.4	18.9	1.5	0.005	0.03	0.25	22.2	7.5	0.5	166	67.5	132	47	9.7	1.9	0.25	4.2	0.60	21
02-DU-1010	0.3	17.4	1.5	0.005	0.03	0.25	26.5	6.5	0.5	25	74.6	146	50	10.3	2.0	0.25	4.0	0.61	22
02-DU-1011	0.05	15.9	1.5	0.005	0.03	0.25	19.6	4.6	0.5	25	59.6	118	38	8.1	1.8	1.3	3.1	0.47	26
02-DU-1012	0.3	16.8	1.5	0.005	0.03	0.25	17.1	2.7	4	25	56.9	114	37	8.0	1.8	1	3.5	0.53	25
02-DU-1013	0.7	16.1	1.5	0.005	0.03	0.25	13.1	4.5	2	143	57.9	113	40	7.8	1.6	0.25	3.1	0.49	27
02-DU-1014	0.2	15.0	1.5	0.005	0.03	0.25	14.8	3.5	3	25	56.5	109	44	7.5	1.6	0.25	3.3	0.52	25
02-DU-1015	0.5	18.2	1.5	0.005	0.03	0.25	19.6	4.1	0.5	90	68.5	126	52	9.1	2.0	0.25	3.8	0.56	21
02-DU-1016	0.3	13.0	1.5	0.005	0.03	0.25	33.5	5.7	3	25	94.5	178	63	11.3	2.2	0.25	4.3	0.65	22
02-DU-1017	0.1	17.9	1.5	0.005	0.03	0.25	21.2	6.8	4	25	60.2	118	44	8.4	1.7	0.25	3.4	0.52	19
02-DU-1018	0.2	18.1	1.5	0.005	0.03	2	20.4	4.7	3	25	69.8	133	54	9.3	2.0	0.25	4.1	0.63	23
02-DU-1019	0.2	11.2	1.5	0.005	0.03	0.25	17.3	2.8	0.5	25	59.2	111	40	7.4	1.5	0.25	3.1	0.48	31
02-DU-1020	0.05	16.2	1.5	0.005	0.03	0.25	27.2	4.3	0.5	25	85.7	164	53	10.8	1.9	1.4	4.2	0.63	25
02-DU-1021	0.05	17.4	1.5	0.005	0.03	0.25	20.8	6.0	5	161	68.5	130	48	9.4	1.9	0.25	4.2	0.63	23
02-DU-1022	0.05	15.3	1.5	0.005	0.03	0.25	24.1	6.1	0.5	75	73.3	145	52	9.8	1.9	0.25	3.9	0.57	25
02-DU-1023	0.05	16.7	1.5	0.005	0.03	0.25	21.9	6.2	5	80	65.7	122	46	8.9	1.9	0.25	3.7	0.54	23
02-DU-1024	0.3	16.4	1.5	0.005	0.03	0.25	33.1	10.8	5	143	94.7	183	65	12.6	2.2	1.4	5.4	0.89	19
02-DU-1025	0.05	16.8	1.5	0.005	0.03	0.25	30.4	7.1	5	125	76.1	149	53	9.9	1.8	1.6	3.8	0.56	20
02-DU-1026	0.3	16.1	1.5	0.005	0.03	0.25	20.3	6.7	4	106	61.9	119	46	8.3	1.8	1.2	3.3	0.51	24
02-DU-1027	0.05	15.8	1.5	0.005	0.03	0.25	20.3	4.8	0.5	25	65.1	119	41	8.3	1.9	1.1	3.5	0.53	24
02-DU-1028	0.2	17.0	1.5	0.005	0.03	0.9	35.1	18.0	4	137	100.0	208	65	13.3	2.3	1.3	7.2	1.13	19
02-DU-1029	0.05	13.9	3	0.005	0.03	2.9	32.5	9.9	0.5	25	87.0	170	56	11.5	1.9	1.7	5.4	0.85	22
02-DU-1030	0.05	9.9	1.5	0.005	0.03	0.25	29.1	7.2	0.5	25	77.5	148	51	9.6	1.5	1.5	4.2	0.65	25
02-DU-1031	0.05	11.8	1.5	0.005	0.03	0.25	27.5	6.4	0.5	25	65.4	123	41	8.3	1.3	0.25	4.0	0.61	20
02-DU-1032	0.05	11.8	1.5	0.005	0.03	2	36.9	8.9	0.5	172	82.0	158	52	10.2	1.5	1.6	5.4	0.82	21
02-DU-1033	0.05	17.0	1.5	0.005	0.03	0.25	31.3	8.8	0.5	144	78.8	156	57	10.1	1.5	1.6	3.6	0.58	19
02-DU-1034	0.05	16.6	1.5	0.005	0.03	0.25	30.4	9.6	0.5	164	79.6	152	58	10.1	1.8	1.5	3.9	0.61	19
02-DU-1035	0.05	12.6	1.5	0.005	0.03	0.25	39.8	10.4	0.5	124	101.0	195	73	12.7	1.6	1.9	4.6	0.71	23
02-DU-1036	0.05	13.7	1.5	0.005	0.03	0.25	32.6	9.8	0.5	157	83.4	156	62	10.3	1.6	1.2	4.0	0.61	18
02-DU-1037	0.05	13.1	1.5	0.005	0.03	1.5	29.1	9.0	0.5	92	82.4	161	57	10.4	1.7	1.3	4.8	0.72	22
02-DU-1038	0.05	6.3	1.5	0.005	0.03	0.9	19.5	3.7	0.5	25	50.1	93	31	6.0	0.8	0.25	2.1	0.34	24
02-DU-1039	0.05	14.1	1.5	0.005	0.03	2.3	35.9	8.4	0.5	25	94.3	173	59	12.0	1.8	1.6	5.1	0.78	22
02-DU-1040	0.05	16.7	1.5	0.005	0.03	0.25	36.6	11.1	0.5	160	99.2	189	62	12.5	2.2	0.25	5.4	0.85	21
02-DU-1041	0.05	14.6	1.5	0.005	0.03	0.25	27.2	7.5	0.5	25	76.4	148	54	9.9	1.7	1.2	4.8	0.72	20
02-DU-1043	0.2	17.6	1.5	0.005	0.03	0.25	31.6	7.6	0.5	25	94.8	182	68	12.2	2.2	1.3	4.7	0.79	22
02-DU-1044	0.2	15.3	1.5	0.005	0.03	1.2	28.7	7.8	0.5	118	83.3	157	60	10.5	2.0	1.5	4.2	0.62	23
02-DU-1045	0.4	18.2	1.5	0.005	0.03	1.5	26.7	8.9	0.5	134	88.3	176	60	11.8	2.0	1.6	5.1	0.77	20

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1046	27B	19	409480	7624219	1	2.5	25.7	100	0.3	2	15	161	12	5.26	6	0.5	2.5	11	1.75	30	155
02-DU-1047	27B	19	406046	7623843	1	2.5	17.3	660	0.3	0.5	15	139	11	4.43	6	0.5	2.5	5	1.89	28	180
02-DU-1048	27B	19	415675	7564518	2	2.5	0.3	650	0.3	0.5	18	120	3	4.61	20	0.5	2.5	6	1.15	26	182
02-DU-1048G	27B	19	415675	7564518	6	2.5	1.1	350	0.3	0.5	2	208	4	16.00	24	0.5	2.5	50	0.44	29	95
02-DU-1049	27B	19	416251	7553502	1	2.5	1.3	940	19.9	0.5	12	39	0.5	4.14	18	0.5	2.5	0.5	1.55	31	147
02-DU-1050	27B	19	422002	7548117	3	2.5	0.8	770	5.8	0.5	10	39	2	3.29	8	0.5	2.5	12	1.75	26	140
02-DU-1051	27B	19	425641	7548739	4	2.5	1.1	980	12.7	0.5	14	58	3	4.72	9	0.5	2.5	9	1.74	29	167
02-DU-1052	27B	19	422692	7562254	1	2.5	0.3	970	9.8	0.5	12	77	2	3.58	15	0.5	2.5	5	1.52	26	148
02-DU-1053	27B	19	434386	7554080	1	2.5	3.1	1000	11.6	0.5	11	49	0.5	3.98	11	0.5	2.5	4	1.70	29	197
02-DU-1054	27B	19	439620	7551240	1	2.5	1.7	790	9.1	0.5	15	102	0.5	4.62	13	0.5	2.5	11	1.66	29	179
02-DU-1055	27B	19	445735	7549035	1	2.5	0.3	840	3.8	0.5	17	98	2	5.37	16	0.5	2.5	5	1.72	30	202
02-DU-1056	27B	19	449541	7549875	1	2.5	0.3	750	0.3	0.5	4	26	0.5	1.86	11	0.5	2.5	0.5	2.04	24	81
02-DU-1057	27B	19	457400	7541686	1	2.5	0.3	700	9.4	0.5	12	56	0.5	3.61	11	0.5	2.5	8	1.86	27	142
02-DU-1058	27B	19	448268	7553123	6	2.5	0.3	1100	4.5	0.5	8	32	0.5	2.76	14	0.5	2.5	7	2.04	26	101
02-DU-1059	27B	19	454745	7551695	6	2.5	1.7	610	0.3	0.5	16	74	2	9.64	15	0.5	2.5	21	1.14	25	166
02-DU-1060	27B	19	453835	7561522	1	2.5	0.3	1200	0.3	0.5	7	42	0.5	2.81	15	0.5	2.5	4	2.04	28	138
02-DU-1061	27B	19	441604	7563228	1	2.5	0.3	830	0.3	0.5	23	126	2	6.40	13	0.5	2.5	7	1.49	30	164
02-DU-1062	27B	19	437772	7562833	5	2.5	2.0	1200	6.4	0.5	13	52	2	3.69	12	0.5	2.5	6	1.87	28	166
02-DU-1063	27B	19	434563	7564688	1	2.5	2.6	1100	0.3	0.5	20	108	4	5.77	12	0.5	2.5	7	1.34	31	210
02-DU-1064	27B	19	435006	7567535	5	2.5	0.3	920	0.3	3	16	87	3	4.90	14	0.5	2.5	3	1.66	30	181
02-DU-1065	27B	19	448094	7563713	1	2.5	4.3	860	2.5	0.5	14	75	3	4.44	12	0.5	2.5	9	1.84	30	183
02-DU-1066	27B	19	460731	7563918	1	2.5	4.3	1100	0.3	0.5	15	79	2	4.95	12	0.5	2.5	2	1.46	27	123
02-DU-1067	27B	19	458808	7567797	1	2.5	9.9	1000	0.3	0.5	16	89	2	4.77	13	0.5	2.5	5	1.72	30	209
02-DU-1068	27B	19	448753	7567872	1	2.5	0.3	1400	0.3	0.5	14	88	2	5.01	16	0.5	2.5	5	1.90	41	205
02-DU-1069	27B	19	458048	7582405	1	2.5	3.6	900	0.3	0.5	21	143	4	5.53	16	0.5	2.5	10	1.43	42	209
02-DU-1069G	27B	19	458048	7582405	1	2.5	4.3	25	7.9	0.5	34	119	11	11.40	14	0.5	2.5	23	0.61	41	131
02-DU-1070	27B	19	447586	7585967	1	2.5	0.3	850	4.8	0.5	21	131	6	6.22	12	0.5	2.5	0.5	1.27	39	235
02-DU-1071	27B	19	446903	7574447	1	2.5	4.5	1100	13.9	0.5	17	109	3	5.75	15	0.5	2.5	9	2.06	35	140
02-DU-1073	27B	19	431489	7578249	20	2.5	1.5	820	21.3	0.5	26	136	4	6.13	12	0.5	2.5	6	1.04	40	243
02-DU-1074	27B	19	425256	7575167	10	2.5	0.3	820	7.0	0.5	21	147	5	5.97	13	0.5	2.5	7	1.17	42	151
02-DU-1075	27B	19	416672	7573984	1	2.5	0.5	990	0.3	0.5	15	81	3	3.74	11	0.5	2.5	6	1.74	37	134
02-DU-1076	27B	19	419463	7582344	1	9	2.1	750	0.3	0.5	20	98	7	5.12	10	0.5	2.5	0.5	1.51	41	231
02-DU-1077	27B	19	429055	7582064	1	2.5	2.1	1100	0.3	0.5	18	113	5	4.55	15	0.5	2.5	0.5	1.76	41	164
02-DU-1078	27B	19	426404	7587215	1	2.5	0.3	810	6.2	4	15	100	6	4.86	13	0.5	2.5	0.5	1.51	47	196
02-DU-1079	27B	19	419714	7587811	11	2.5	3.7	870	5.4	0.5	19	103	8	5.32	12	0.5	2.5	0.5	1.40	57	281
02-DU-1081	27B	19	454841	7601316	21	2.5	1.7	890	6.9	0.5	13	93	5	4.23	15	0.5	2.5	0.5	1.52	30	205
02-DU-1082	27B	19	462196	7606087	1	2.5	1.8	810	0.3	4	10	93	8	4.53	12	0.5	2.5	0.5	1.93	52	180
02-DU-1083	27B	19	449593	7607668	1	2.5	2.5	930	0.3	0.5	10	64	6	2.59	10	0.5	2.5	0.5	1.95	46	170
02-DU-1084	27B	19	444663	7612452	5	2.5	5.8	1100	0.3	0.5	16	117	11	4.37	10	0.5	2.5	0.5	1.75	51	263
02-DU-1085	27B	19	457147	7614903	7	2.5	19.2	860	0.3	0.5	10	132	13	4.52	10	0.5	2.5	0.5	2.00	56	248
02-DU-1086	27B	19	452807	7617532	6	2.5	11.4	840	0.3	0.5	14	175	16	5.90	9	0.5	2.5	0.5	1.65	57	261
02-DU-1087	27B	19	459572	7628153	1	2.5	27.5	860	0.3	0.5	16	166	21	5.55	8	0.5	2.5	0.5	1.75	55	199
02-DU-1088	27B	19	442365	7621609	1	2.5	33.6	860	0.3	4	12	189	10	5.19	9	0.5	2.5	0.5	1.74	51	167
02-DU-1089	27B	19	452121	7632328	1	2.5	23.9	880	0.3	3	16	170	13	5.16	8	0.5	2.5	0.5	1.81	53	199
02-DU-1090	27B	19	447699	7631299	7	2.5	30.7	640	0.3	0.5	14	162	14	5.40	9	0.5	2.5	4	1.75	51	171
02-DU-1091	27B	19	448269	7650534	1	2.5	17.2	770	0.3	0.5	13	136	11	3.46	6	0.5	2.5	0.5	2.32	47	121
02-DU-1092	27B	19	458895	7648151	8	2.5	23.8	690	5.3	0.5	10	104	8	3.20	8	0.5	2.5	0.5	2.11	41	137
02-DU-1093	27B	19	457369	7645781	2	2.5	17.9	780	0.3	0.5	13	141	11	3.90	8	0.5	2.5	0.5	2.00	46	174
02-DU-1094	27B	19	453749	7638593	1	2.5	23.8	900	0.3	0.5	18	158	11	4.86	7	0.5	2.5	8	1.70	46	156

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1046	0.3	20.0	1.5	0.005	0.03	2.6	21.9	6.6	4	25	69.8	134	44	9.5	1.9	1.3	3.7	0.56	21
02-DU-1047	0.05	18.0	1.5	0.005	0.03	1.5	22.4	5.1	4	25	63.5	121	43	8.5	1.6	1	3.8	0.59	20
02-DU-1048	0.2	13.7	1.5	0.005	0.03	2.4	44.3	4.9	0.5	120	126.0	231	78	13.6	2.0	1.6	3.6	0.58	22
02-DU-1048G	0.05	19.7	1.5	0.005	0.03	4.1	36.9	10.2	0.5	249	124.0	221	78	13.6	1.4	0.25	4.8	0.75	21
02-DU-1049	0.05	13.8	1.5	0.005	0.03	0.25	56.8	3.6	0.5	25	174.0	322	96	16.6	1.8	0.25	2.9	0.44	19
02-DU-1050	0.05	13.1	1.5	0.005	0.03	0.25	33.4	19.1	0.5	25	85.2	156	63	9.3	1.4	0.25	3.4	0.52	22
02-DU-1051	0.05	15.1	1.5	0.005	0.03	2.1	35.2	7.3	0.5	84	99.7	190	68	12.4	1.6	1.7	2.9	0.45	20
02-DU-1052	0.05	11.5	1.5	0.005	0.03	0.25	43.1	7.2	0.5	76	122.0	234	82	13.9	1.7	1.3	3.7	0.55	22
02-DU-1053	0.05	11.7	1.5	0.005	0.03	0.25	41.1	4.5	0.5	165	132.0	247	80	13.2	1.9	0.25	2.5	0.36	19
02-DU-1054	0.05	13.1	1.5	0.005	0.03	0.25	47.2	6.2	0.5	25	124.0	235	96	14.6	1.8	1.3	2.9	0.45	20
02-DU-1055	0.05	15.3	1.5	0.005	0.03	1.4	47.0	5.9	0.5	163	134.0	253	100	17.0	1.6	1.7	2.2	0.35	20
02-DU-1056	0.2	7.3	1.5	0.005	0.03	0.25	44.3	5.7	0.5	59	124.0	224	78	13.3	1.3	1.5	2.3	0.38	26
02-DU-1057	0.05	11.7	1.5	0.005	0.03	0.25	37.7	12.8	0.5	79	100.0	193	65	11.8	1.5	1.2	2.7	0.41	22
02-DU-1058	0.05	9.4	1.5	0.005	0.03	0.25	48.6	4.5	0.5	25	142.0	261	87	14.3	1.3	0.25	2.5	0.38	26
02-DU-1059	0.05	11.0	1.5	0.005	0.03	0.25	40.8	9.0	0.5	165	91.7	184	68	12.4	1.3	1.3	3.1	0.46	26
02-DU-1060	0.05	10.3	1.5	0.005	0.03	1.4	52.0	5.4	0.5	63	167.0	294	94	15.3	1.6	1.3	2.6	0.40	25
02-DU-1061	0.05	16.7	1.5	0.005	0.03	3.5	38.7	11.3	0.5	191	114.0	217	73	13.5	1.6	0.25	3.8	0.56	20
02-DU-1062	0.05	10.6	1.5	0.005	0.03	0.25	45.1	5.2	0.5	135	140.0	250	83	13.8	1.8	0.25	2.3	0.32	23
02-DU-1063	0.05	15.4	1.5	0.005	0.03	2.6	35.8	5.0	0.5	172	107.0	196	74	11.4	1.9	0.25	3.0	0.45	17
02-DU-1064	0.05	14.5	1.5	0.005	0.03	0.25	37.8	5.7	0.5	100	118.0	223	70	12.6	2.0	0.25	3.3	0.51	19
02-DU-1065	0.05	12.6	1.5	0.005	0.03	0.25	41.8	6.9	0.5	180	124.0	226	81	12.9	1.9	0.25	2.9	0.44	20
02-DU-1066	0.05	11.7	1.5	0.005	0.03	0.25	36.5	3.3	0.5	97	100.0	180	58	9.6	2.1	0.25	1.8	0.26	21
02-DU-1067	0.05	14.6	1.5	0.005	0.03	0.5	47.1	6.5	0.5	131	135.0	250	84	14.1	1.9	0.25	3.2	0.48	20
02-DU-1068	0.2	13.9	1.5	0.005	0.03	0.25	49.2	7.2	0.5	141	134.0	244	99	16.7	2.1	0.25	2.7	0.41	19
02-DU-1069	0.05	15.8	1.5	0.005	0.03	0.25	47.3	9.7	0.5	175	129.0	241	81	17.1	2.0	0.25	4.3	0.66	21
02-DU-1069G	0.1	21.0	1.5	0.005	0.03	0.25	47.0	12.5	0.5	191	105.0	186	70	13.3	1.3	0.25	3.0	0.45	20
02-DU-1070	0.05	17.7	1.5	0.005	0.03	0.25	30.8	7.7	0.5	164	82.3	147	54	12.0	1.5	0.25	3.7	0.55	18
02-DU-1071	0.05	14.9	1.5	0.005	0.03	0.25	38.0	5.7	0.5	25	107.0	204	74	14.2	2.0	0.25	4.0	0.60	19
02-DU-1073	0.05	17.7	1.5	0.005	0.03	0.25	34.5	10.6	0.5	25	84.0	156	65	11.7	1.4	0.25	3.7	0.55	20
02-DU-1074	0.05	17.9	1.5	0.005	0.03	0.25	35.5	7.1	0.5	25	88.0	161	68	12.7	1.5	0.25	3.8	0.56	18
02-DU-1075	0.05	13.0	1.5	0.005	0.03	0.25	36.2	7.6	0.5	25	88.5	158	70	12.6	1.4	0.25	3.4	0.52	23
02-DU-1076	0.05	15.2	1.5	0.005	0.03	0.25	29.1	9.0	0.5	141	71.4	135	63	10.8	1.5	0.25	3.6	0.53	19
02-DU-1077	0.05	15.6	1.5	0.005	0.03	0.25	41.7	11.7	0.5	25	104.0	188	83	15.0	1.7	1.9	5.4	0.83	20
02-DU-1078	0.05	16.4	1.5	0.005	0.03	0.25	44.0	12.2	0.5	143	131.0	231	114	19.7	2.1	0.25	6.2	0.93	17
02-DU-1079	0.3	17.8	1.5	0.005	0.03	2.5	33.1	11.5	0.5	108	90.6	172	70	12.5	1.7	0.25	4.5	0.68	18
02-DU-1081	0.05	13.8	1.5	0.005	0.03	0.25	40.0	13.7	0.5	119	105.0	187	77	14.6	1.9	0.25	4.8	0.72	19
02-DU-1082	0.3	14.9	1.5	0.005	0.03	0.25	33.4	9.5	0.5	25	90.0	158	63	12.5	1.6	0.25	4.5	0.68	22
02-DU-1083	0.05	9.9	1.5	0.005	0.03	0.25	27.0	8.0	0.5	25	68.9	123	51	9.3	1.4	0.25	3.4	0.52	24
02-DU-1084	0.05	15.9	1.5	0.005	0.03	4.5	30.8	16.7	4	100	74.3	137	51	10.2	1.6	0.25	5.3	0.81	22
02-DU-1085	0.3	17.1	1.5	0.005	0.03	0.25	32.0	11.5	0.5	83	90.2	166	65	12.7	2.0	2.3	4.9	0.72	20
02-DU-1086	0.05	19.8	1.5	0.005	0.03	2.7	28.1	13.8	5	106	74.2	138	64	10.9	1.6	0.25	4.0	0.61	18
02-DU-1087	0.4	20.6	1.5	0.005	0.03	1.9	24.9	8.1	0.5	177	73.2	133	64	10.9	1.4	0.25	4.4	0.69	20
02-DU-1088	0.4	17.3	1.5	0.005	0.03	2.7	31.5	7.1	0.5	80	87.4	161	68	12.2	2.3	0.25	3.9	0.58	24
02-DU-1089	0.3	19.3	1.5	0.005	0.03	0.25	24.4	8.9	0.5	25	74.6	145	67	11.0	1.8	0.25	4.4	0.66	22
02-DU-1090	0.5	18.7	1.5	0.005	0.03	0.25	25.5	6.7	4	113	76.6	143	58	11.2	1.9	0.25	4.1	0.62	23
02-DU-1091	0.2	18.0	1.5	0.005	0.03	0.25	21.9	4.2	0.5	25	78.4	140	54	11.1	1.9	0.25	4.0	0.61	25
02-DU-1092	0.2	13.7	1.5	0.005	0.03	0.25	21.7	6.1	4	110	70.9	125	50	9.8	1.8	0.25	3.8	0.56	29
02-DU-1093	0.2	17.2	1.5	0.005	0.03	0.25	22.0	5.3	0.5	73	67.7	122	55	9.6	1.7	0.25	3.5	0.54	23
02-DU-1094	0.05	18.5	1.5	0.005	0.03	0.25	22.8	5.6	0.5	87	68.2	121	53	9.9	1.6	0.25	3.7	0.55	23

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1095	27B	19	458734	7638755	4	2.5	18.4	1100	0.3	0.5	18	145	13	4.63	8	0.5	2.5	0.5	1.99	45	171
02-DU-1096	27C	19	429227	7689577	5	2.5	55.6	760	0.3	0.5	12	145	10	4.31	10	0.5	2.5	3	2.12	47	164
02-DU-1098	27C	19	436048	7667811	1	2.5	31.5	670	0.3	0.5	13	133	8	3.60	6	0.5	2.5	0.5	1.96	44	110
02-DU-1099	27C	19	443319	7670594	1	2.5	11.8	730	0.3	0.5	9	74	7	2.83	7	0.5	2.5	0.5	1.91	42	161
02-DU-1100	27C	19	447459	7665060	1	2.5	3.9	680	0.3	0.5	8	91	5	2.50	9	0.5	2.5	0.5	2.12	44	152
02-DU-1101	27C	19	441507	7658345	5	2.5	35.4	740	5.3	0.5	13	125	8	3.83	8	0.5	2.5	0.5	2.41	48	94
02-DU-1102	27C	19	390605	7698602	1	2.5	31.9	470	6.7	0.5	10	92	56	3.87	10	0.5	2.5	0.5	2.35	53	392
02-DU-1103	27C	19	386357	7703454	12	2.5	32.3	820	3.3	0.5	13	102	16	5.74	12	0.5	2.5	0.5	1.71	35	219
02-DU-1104	27C	19	385402	7709626	6	2.5	18.0	990	0.3	3	10	104	10	4.50	11	0.5	2.5	9	2.35	47	219
02-DU-1106	27C	19	394587	7710682	1	2.5	0.3	1300	3.9	0.5	24	148	8	6.30	19	0.5	2.5	0.5	0.43	55	262
02-DU-1108	27C	19	407424	7712021	1	2.5	21.2	960	0.3	0.5	15	141	11	5.34	10	0.5	2.5	0.5	1.64	30	204
02-DU-1110	27C	19	408889	7706304	1	2.5	10.7	610	0.3	0.5	94	205	20	6.85	15	0.5	2.5	8	0.96	50	222
02-DU-1111	27C	19	407341	7705328	1	2.5	15.7	940	0.3	0.5	8	176	22	5.52	8	0.5	2.5	0.5	1.46	44	198
02-DU-1112	27C	19	400398	7705681	1	2.5	27.6	790	0.3	0.5	11	144	17	5.17	8	0.5	2.5	0.5	1.73	47	215
02-DU-1113	27C	19	383881	7662300	1	2.5	35.0	750	0.3	0.5	22	141	7	4.08	6	0.5	2.5	5	1.84	46	99
02-DU-1115	27C	19	382277	7672915	5	2.5	37.6	730	0.3	0.5	9	146	6	3.21	5	0.5	2.5	0.5	2.00	40	149
02-DU-1116	27C	18	618509	7685050	1	2.5	44.0	880	3.7	0.5	10	135	10	3.92	9	0.5	2.5	5	2.10	47	171
02-DU-1117	27C	19	397162	7683226	4	2.5	94.8	840	0.3	0.5	13	144	6	3.54	7	0.5	2.5	5	2.13	42	107
02-DU-1118	27C	19	395767	7678815	1	2.5	55.9	850	0.3	2	13	128	7	3.59	7	0.5	2.5	0.5	2.08	28	104
02-DU-1122	27C	19	396328	7662912	1	2.5	37.9	1000	0.3	0.5	13	147	9	4.29	7	0.5	2.5	4	1.87	23	133
02-DU-1124	27C	19	397163	7693498	2	2.5	14.6	920	0.3	0.5	14	146	10	4.37	10	0.5	2.5	3	1.92	26	182
02-DU-1125	27C	19	393630	7691121	5	2.5	32.4	700	0.3	0.5	8	141	8	3.50	7	0.5	2.5	4	1.45	23	139
02-DU-1126	27C	19	399862	7689233	1	2.5	23.5	940	0.3	0.5	15	144	9	4.29	8	0.5	2.5	0.5	1.87	24	148
02-DU-1127	27C	19	416851	7683304	7	2.5	52.2	1000	4.6	0.5	10	148	9	4.12	7	0.5	2.5	0.5	2.32	25	147
02-DU-1128	27C	19	406792	7675835	1	2.5	15.8	490	1.8	2	6	78	3	2.12	7	0.5	2.5	0.5	2.46	26	82
02-DU-1129	27C	19	401825	7675682	1	2.5	49.3	900	1.3	0.5	10	122	7	3.25	6	0.5	2.5	4	2.12	27	132
02-DU-1130	27C	19	403254	7667606	43	2.5	40.7	920	3.1	0.5	12	139	8	4.12	8	0.5	2.5	0.5	1.99	25	110
02-DU-1131	27C	19	408429	7660310	5	2.5	46.2	970	0.3	2	13	149	8	4.29	7	0.5	2.5	3	2.11	26	123
02-DU-1132	27C	19	410173	7667136	7	2.5	23.8	760	0.3	0.5	20	168	14	5.03	10	0.5	2.5	0.5	1.79	24	160
02-DU-1134	27C	19	418074	7664434	7	2.5	63.3	750	0.3	3	18	150	10	4.20	6	0.5	2.5	0.5	1.94	40	138
02-DU-1136	27C	19	423779	7669902	1	2.5	57.7	850	0.3	0.5	12	128	10	4.22	6	0.5	2.5	2	1.81	37	123
02-DU-1137	27C	19	423513	7662015	7	2.5	47.1	740	0.3	0.5	13	136	8	3.97	7	0.5	2.5	0.5	1.96	39	128
02-DU-1138	27C	19	429083	7658504	3	2.5	21.0	680	5.8	0.5	11	116	7	3.28	7	0.5	2.5	0.5	1.96	37	122
02-DU-1139	27C	18	614692	7717435	2	2.5	41.1	870	0.3	0.5	8	98	11	6.09	9	0.5	2.5	5	1.34	37	224
02-DU-1140	27C	19	388599	7714305	1	2.5	26.0	820	0.3	0.5	9	87	10	4.69	10	0.5	2.5	0.5	1.96	39	192
02-DU-1141	27C	19	389011	7717249	1	2.5	23.4	580	1.6	0.5	11	90	9	4.64	10	0.5	2.5	9	1.85	39	223
02-DU-1142	27C	19	402732	7716960	5	2.5	6.0	930	0.3	0.5	6	58	5	2.99	13	0.5	2.5	0.5	2.20	38	166
02-DU-1143	27C	19	407821	7717856	1	2.5	6.5	450	0.3	0.5	5	148	14	8.50	17	0.5	2.5	9	0.41	35	223
02-DU-1144	27C	19	412296	7719159	1	2.5	1.0	700	0.3	0.5	6	26	4	2.38	17	0.5	2.5	0.5	3.12	39	120
02-DU-1145	27C	19	419089	7717104	1	2.5	6.5	840	8.9	0.5	20	93	10	6.94	15	0.5	2.5	0.5	1.47	48	230
02-DU-1146	27C	19	429346	7716939	1	2.5	8.3	530	7.2	0.5	8	161	10	8.09	15	0.5	2.5	23	0.95	36	221
02-DU-1147	27C	19	429069	7719707	1	2.5	4.6	820	3.5	0.5	17	93	11	5.76	20	0.5	2.5	21	2.29	42	282
02-DU-1150	27C	19	422604	7724559	1	2.5	3.3	680	3.5	0.5	16	83	7	4.78	18	0.5	2.5	12	2.15	35	177
02-DU-1151	27C	19	418022	7727383	1	7	27.2	590	0.3	0.5	16	166	9	8.01	14	0.5	2.5	31	1.39	38	210
02-DU-1152	27C	19	420654	7728955	1	2.5	4.7	610	6.4	0.5	24	106	11	7.61	17	0.5	2.5	34	1.68	39	280
02-DU-1154	27C	19	410723	7724184	8	2.5	13.2	850	5.0	0.5	12	98	9	6.45	14	0.5	2.5	11	1.72	35	185
02-DU-1156	27C	19	396587	7723300	1	2.5	61.6	820	0.3	0.5	19	144	14	8.18	10	0.5	2.5	18	1.39	40	221
02-DU-1158	27C	19	392580	7730010	1	2.5	3.5	800	0.3	0.5	12	86	3	2.89	12	0.5	2.5	0.5	3.14	36	165
02-DU-1159	27C	19	387476	7729666	3	2.5	2.8	1000	2.7	0.5	9	37	3	2.83	14	0.5	2.5	4	3.46	35	150

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1095	0.2	18.2	1.5	0.005	0.03	0.25	23.3	5.0	8	110	70.7	128	53	10.1	1.9	1.7	3.9	0.57	25
02-DU-1096	0.3	19.3	1.5	0.005	0.03	1.3	27.9	5.3	0.5	156	80.9	146	64	11.4	2.2	0.25	4.2	0.63	25
02-DU-1098	0.05	15.5	1.5	0.005	0.03	0.25	16.2	4.8	4	115	56.1	103	40	8.0	1.7	0.25	3.1	0.46	23
02-DU-1099	0.3	11.7	1.5	0.005	0.03	0.25	24.2	10.8	0.5	93	61.5	109	37	7.5	1.4	1.1	3.2	0.48	23
02-DU-1100	0.05	10.9	1.5	0.005	0.03	0.25	23.6	7.6	0.5	25	62.3	114	40	8.3	1.5	0.25	4.0	0.60	22
02-DU-1101	0.05	16.4	1.5	0.005	0.03	1.1	27.2	5.8	0.5	78	91.8	164	70	12.7	2.2	0.25	4.6	0.66	24
02-DU-1102	0.9	13.0	1.5	0.005	0.03	7.3	33.3	18.7	7	108	82.2	144	62	11.1	1.3	0.25	3.8	0.56	18
02-DU-1103	0.05	15.4	1.5	0.005	0.03	0.25	44.3	13.1	5	25	102.0	183	82	12.3	2.1	1.4	4.6	0.69	21
02-DU-1104	0.05	16.6	1.5	0.005	0.03	0.25	36.5	11.7	0.5	25	85.8	153	71	9.7	1.8	0.25	3.3	0.52	22
02-DU-1106	0.05	17.1	1.5	0.005	0.03	3.9	72.2	9.8	0.5	166	157.0	277	117	17.5	2.9	0.25	5.1	0.76	14
02-DU-1108	0.6	16.7	1.5	0.005	0.03	0.25	37.6	10.1	5	25	98.9	176	69	12.2	1.9	1.8	4.8	0.72	24
02-DU-1110	0.05	16.9	1.5	0.005	0.03	1.3	41.3	15.2	0.5	25	95.0	176	64	10.4	2.3	0.25	4.4	0.66	17
02-DU-1111	0.7	17.8	1.5	0.005	0.03	0.25	31.7	8.2	5	105	94.3	174	79	12.3	2.1	1.4	4.3	0.65	22
02-DU-1112	0.6	17.5	1.5	0.005	0.03	0.25	34.9	8.7	0.5	121	91.2	163	65	11.7	1.9	0.25	4.0	0.59	20
02-DU-1113	0.05	19.1	1.5	0.005	0.03	0.25	19.5	2.9	0.5	25	70.5	129	50	9.7	2.0	1.3	3.2	0.46	21
02-DU-1115	0.3	18.8	1.5	0.005	0.03	0.25	15.4	2.7	0.5	74	56.7	103	42	7.6	1.7	0.25	2.7	0.41	28
02-DU-1116	0.2	16.7	1.5	0.005	0.03	1.4	26.2	4.8	0.5	25	80.2	150	62	10.1	1.8	0.25	3.8	0.54	21
02-DU-1117	0.2	18.3	1.5	0.005	0.03	0.25	17.1	4.0	4	125	56.0	106	47	7.6	1.6	0.25	2.9	0.45	24
02-DU-1118	0.1	18.8	1.5	0.01	0.03	0.25	17.8	4.2	5	124	67.2	121	50	9.9	2.1	0.25	3.3	0.49	24
02-DU-1122	0.6	20.2	1.5	0.005	0.03	0.25	25.1	4.5	4	88	82.5	149	66	12.0	2.2	1	4.2	0.63	27
02-DU-1124	0.4	17.6	1.5	0.005	0.03	2.6	30.8	6.3	0.5	25	84.6	150	71	12.7	1.8	0.25	4.2	0.66	23
02-DU-1125	0.6	16.3	1.5	0.005	0.03	0.25	25.5	5.1	5	25	72.2	133	60	10.3	1.5	0.25	3.0	0.46	25
02-DU-1126	0.4	19.1	1.5	0.005	0.03	0.25	30.3	5.9	5	139	88.1	159	67	12.8	2.0	0.25	4.2	0.63	24
02-DU-1127	0.05	21.3	1.5	0.01	0.03	0.25	20.2	3.3	0.5	25	68.0	122	47	10.7	1.9	0.25	3.7	0.55	20
02-DU-1128	0.05	10.0	1.5	0.005	0.03	0.25	24.8	4.1	0.5	25	87.1	159	70	12.8	2.4	0.25	4.0	0.61	25
02-DU-1129	0.05	18.1	1.5	0.005	0.03	0.25	20.0	5.0	0.5	111	67.9	125	53	10.2	1.9	0.25	3.3	0.49	26
02-DU-1130	0.4	18.6	1.5	0.005	0.03	0.25	24.7	5.2	0.5	25	83.4	145	64	12.0	1.8	0.25	4.0	0.61	26
02-DU-1131	0.6	20.3	5	0.005	0.03	0.25	22.1	5.1	5	25	76.2	131	59	11.6	2.2	1.3	4.1	0.62	24
02-DU-1132	0.5	19.3	1.5	0.005	0.03	2.1	28.7	5.3	5	25	91.8	160	76	13.5	2.0	1.1	4.7	0.71	22
02-DU-1134	0.6	19.1	1.5	0.005	0.03	0.25	17.6	5.7	0.5	25	65.0	118	49	9.7	1.8	1.3	3.8	0.56	25
02-DU-1136	0.5	18.0	1.5	0.005	0.03	0.25	15.8	4.2	5	106	57.1	106	40	8.6	1.5	0.25	3.1	0.45	27
02-DU-1137	0.6	18.1	1.5	0.005	0.03	0.25	17.9	5.0	4	25	58.4	105	45	8.9	1.7	0.25	3.3	0.51	26
02-DU-1138	0.2	15.3	1.5	0.005	0.03	0.25	22.1	4.8	0.5	25	73.1	129	60	10.5	1.8	0.25	3.5	0.53	27
02-DU-1139	2.5	15.0	1.5	0.005	0.03	2.8	31.1	8.3	0.5	25	67.9	115	41	8.2	1.4	0.25	2.5	0.38	24
02-DU-1140	0.7	13.8	1.5	0.005	0.03	0.25	35.1	13.8	0.5	103	75.2	130	55	9.9	1.5	0.25	3.4	0.52	25
02-DU-1141	1.1	13.7	1.5	0.005	0.03	3.3	31.7	10.3	0.5	90	76.0	135	54	9.9	1.5	1.4	3.3	0.49	24
02-DU-1142	0.05	10.4	1.5	0.005	0.03	0.25	32.8	9.3	0.5	25	75.8	135	65	10.4	1.5	0.25	4.0	0.60	25
02-DU-1143	0.05	21.5	1.5	0.01	0.03	0.25	67.4	15.8	0.5	220	134.0	225	93	15.9	1.2	0.25	2.0	0.30	20
02-DU-1144	0.05	8.0	1.5	0.005	0.03	3.3	28.4	6.3	0.5	25	75.3	129	48	9.4	1.3	0.25	3.5	0.51	27
02-DU-1145	0.05	18.7	1.5	0.01	0.03	0.25	65.0	26.3	0.5	25	123.0	233	85	18.6	1.8	0.25	4.4	0.63	19
02-DU-1146	0.05	20.9	1.5	0.005	0.03	0.25	60.6	14.4	3	137	97.3	182	70	11.3	1.5	0.25	3.4	0.52	19
02-DU-1147	0.05	19.5	1.5	0.005	0.03	2.1	51.9	24.0	2	110	113.0	203	69	12.4	1.8	1.6	5.2	0.82	19
02-DU-1150	0.05	14.1	1.5	0.005	0.03	0.25	40.4	19.7	0.5	25	77.4	150	45	8.7	1.6	0.25	3.7	0.56	22
02-DU-1151	0.4	20.7	1.5	0.005	0.03	0.25	36.2	20.4	0.5	208	73.1	140	50	8.5	1.4	0.25	4.1	0.62	19
02-DU-1152	0.3	19.8	1.5	0.005	0.03	1.8	48.3	19.6	0.5	120	86.2	164	47	9.9	1.4	0.25	5.1	0.76	19
02-DU-1154	0.4	15.9	1.5	0.005	0.03	2.6	42.5	14.1	2	151	95.2	176	56	11.2	1.8	1.3	4.7	0.69	22
02-DU-1156	2.7	20.1	1.5	0.005	0.03	3.9	40.8	11.5	0.5	176	83.5	172	47	10.7	1.6	0.25	3.6	0.58	18
02-DU-1158	0.05	10.5	1.5	0.005	0.03	1.6	18.3	9.0	0.5	25	52.7	106	31	5.8	1.4	0.25	2.5	0.38	23
02-DU-1159	0.05	9.4	1.5	0.005	0.03	3.4	18.8	5.9	0.5	25	46.2	89	31	5.1	1.3	0.25	2.3	0.35	25

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1160	27C	19	430926	7752093	9	2.5	3.0	1200	0.3	3	9	40	0.5	2.46	16	0.5	2.5	6	3.22	35	105
02-DU-1161	27C	19	431396	7757277	1	2.5	4.2	1000	8.7	0.5	22	36	4	5.83	13	0.5	2.5	12	2.46	41	283
02-DU-1162	27C	19	431606	7764318	1	2.5	1.8	890	13.3	0.5	13	33	4	4.29	15	0.5	2.5	9	2.72	34	177
02-DU-1163	27C	19	428349	7761560	1	2.5	1.8	1100	0.3	2	9	28	0.5	2.36	11	0.5	2.5	3	3.00	28	136
02-DU-1164	27C	19	424080	7759743	1	2.5	1.4	810	0.3	4	12	55	3	3.28	11	0.5	2.5	0.5	3.05	32	180
02-DU-1165	27C	19	421552	7755513	3	2.5	1.9	750	0.3	2	15	70	3	3.43	10	0.5	2.5	0.5	2.75	30	118
02-DU-1166	27C	19	420766	7759073	1	2.5	0.3	1000	11.6	0.5	12	21	0.5	3.77	17	0.5	2.5	0.5	2.87	29	204
02-DU-1168	27C	19	415592	7757279	6	2.5	0.3	1000	5.3	0.5	14	24	0.5	3.71	15	0.5	2.5	0.5	3.26	29	187
02-DU-1169	27C	19	412691	7758866	3	2.5	0.3	980	0.3	0.5	9	29	0.5	2.71	14	0.5	2.5	0.5	3.30	26	136
02-DU-1170	27C	19	408522	7761020	1	2.5	2.0	740	6.0	0.5	12	48	2	4.02	10	0.5	2.5	9	2.50	33	185
02-DU-1171	27C	19	407365	7765731	7	2.5	1.6	1200	5.0	0.5	18	55	3	4.84	11	0.5	2.5	6	2.58	34	224
02-DU-1174	27C	19	397995	7761459	1	2.5	0.3	1200	0.3	2	13	53	2	3.09	13	0.5	2.5	0.5	3.24	28	143
02-DU-1175	27C	19	387546	7763078	8	2.5	1.7	700	21.5	0.5	14	30	2	4.60	15	0.5	2.5	5	2.51	33	214
02-DU-1177	27C	19	386018	7758414	5	2.5	1.5	1000	18.2	0.5	15	49	3	3.92	11	0.5	2.5	7	3.12	31	148
02-DU-1179	27C	19	395838	7757292	5	2.5	1.5	1100	4.0	0.5	9	26	2	3.13	11	0.5	2.5	8	3.11	25	150
02-DU-1181	27C	19	407354	7696568	1	2.5	35.2	710	6.8	0.5	12	120	7	3.70	8	0.5	2.5	7	1.90	25	113
02-DU-1182	27C	19	415651	7693561	1	2.5	40.3	940	0.3	0.5	12	151	9	4.99	5	0.5	2.5	5	1.73	26	170
02-DU-1183	27C	19	419116	7697385	1	2.5	28.1	720	8.4	0.5	11	133	8	4.09	6	0.5	2.5	9	1.91	25	143
02-DU-1185	27C	19	427408	7705930	1	2.5	81.7	810	0.3	0.5	8	171	19	7.06	8	0.5	2.5	11	1.36	26	220
02-DU-1186	27C	19	428165	7707172	2	2.5	35.5	610	0.3	0.5	17	127	10	5.26	10	0.5	2.5	11	1.58	25	163
02-DU-1188	27C	19	432156	7707783	1	2.5	87.4	590	4.4	0.5	6	144	12	10.40	7	0.5	2.5	19	1.30	27	142
02-DU-1189	27C	19	436024	7704240	11	2.5	105.0	660	11.2	3	7	118	8	4.88	8	0.5	2.5	9	1.95	26	142
02-DU-1190	27C	19	435174	7706836	1	2.5	48.8	710	0.3	2	10	125	7	4.55	7	0.5	2.5	4	2.03	27	130
02-DU-1191	27C	19	436487	7706273	1	2.5	67.6	510	7.1	0.5	9	89	6	3.27	7	0.5	2.5	6	2.06	24	86
02-DU-1192	27C	19	437120	7717876	1	2.5	28.2	780	0.3	0.5	12	182	14	7.64	7	0.5	2.5	14	1.48	28	210
02-DU-1193	27C	19	434786	7716900	3	2.5	11.0	540	0.3	3	10	148	12	7.58	11	0.5	2.5	23	1.11	25	228
02-DU-1194	27C	19	432641	7715852	1	2.5	15.1	630	0.3	0.5	9	157	12	7.49	12	0.5	2.5	22	1.28	26	207
02-DU-1196	27C	19	427221	7713985	1	2.5	9.2	700	3.1	0.5	8	84	8	5.76	10	0.5	2.5	15	1.44	25	196
02-DU-1197	27C	19	422267	7708343	5	2.5	42.9	640	0.3	0.5	9	149	17	6.55	8	0.5	2.5	11	1.60	28	226
02-DU-1198	27C	19	416783	7711103	1	6	3.9	530	5.2	3	15	49	3	4.00	15	0.5	2.5	11	2.68	27	141
02-DU-1199	27C	19	415673	7714933	5	2.5	5.7	570	2.9	0.5	15	67	6	5.72	15	0.5	2.5	13	1.84	27	180
02-DU-1200	27C	19	414041	7706160	1	2.5	20.9	1200	0.3	0.5	16	83	14	5.30	10	0.5	2.5	11	0.87	27	286
02-DU-1201	27C	19	417677	7703136	1	2.5	26.9	960	0.3	0.5	17	162	13	5.96	9	0.5	2.5	0.5	1.56	27	188
02-DU-1202	27C	19	415378	7699964	3	2.5	11.1	630	6.5	0.5	15	122	7	4.34	8	0.5	2.5	0.5	1.70	36	165
02-DU-1220	27C	19	427639	7735163	1	2.5	3.7	700	2.2	3	9	39	3	2.91	10	0.5	2.5	7	2.70	23	104
02-DU-1221	27C	19	428066	7734080	1	2.5	2.1	740	0.3	2	12	49	3	3.42	10	0.5	2.5	0.5	2.61	23	113
02-DU-1223	27C	19	435990	7737817	1	2.5	0.3	820	0.3	4	9	39	0.5	2.77	9	0.5	2.5	0.5	3.16	25	103
02-DU-1224	27C	19	435038	7734611	1	2.5	2.8	930	8.4	3	15	65	3	3.85	11	0.5	2.5	7	2.56	25	142
02-DU-1225	27C	19	440215	7732246	1	2.5	0.3	670	0.3	2	12	56	4	3.46	12	0.5	2.5	6	2.57	23	156
02-DU-1227G	27C	19	445257	7751807	1	2.5	4.8	700	25.4	2	11	53	4	3.61	6	0.5	2.5	5	2.43	24	155
02-DU-1229	27C	19	446978	7753119	1	2.5	2.0	1000	2.1	0.5	5	21	0.5	1.79	12	0.5	2.5	4	3.12	23	100
02-DU-1230	27C	19	447302	7756583	2	2.5	1.8	970	5.6	0.5	15	26	0.5	4.48	12	0.5	2.5	10	2.51	27	166
02-DU-1231	27C	19	457195	7765312	3	2.5	0.3	910	11.3	4	7	19	0.5	2.18	10	0.5	2.5	6	2.70	25	110
02-DU-1234	27C	19	441256	7754481	1	2.5	1.4	910	2.3	0.5	9	34	2	2.58	13	0.5	2.5	4	2.86	24	119
02-DU-1235	27C	19	436920	7753921	1	2.5	1.5	910	9.5	0.5	15	37	3	3.66	13	0.5	2.5	0.5	2.65	35	183
02-DU-1236	27C	19	434158	7750799	1	2.5	3.2	910	5.7	0.5	16	33	3	3.38	10	0.5	2.5	0.5	2.61	25	164
02-DU-1237	27C	19	437757	7728213	1	2.5	1.9	720	4.6	4	11	52	4	3.32	21	0.5	2.5	6	2.67	26	165
02-DU-1238	27C	19	441097	7725692	5	2.5	8.6	490	12.0	0.5	13	113	8	5.95	14	0.5	2.5	25	1.61	25	180
02-DU-1239	27C	19	446847	7727781	1	2.5	5.1	590	13.5	0.5	10	55	6	3.97	14	0.5	2.5	17	2.30	26	180

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1160	0.05	9.7	1.5	0.005	0.03	2.9	23.1	5.6	0.5	25	64.3	135	35	6.9	1.5	0.25	3.2	0.52	24
02-DU-1161	0.3	19.0	1.5	0.005	0.03	0.25	48.0	13.1	0.5	158	126.0	239	92	16.7	2.9	2.2	4.9	0.74	20
02-DU-1162	0.05	10.6	1.5	0.005	0.03	2.9	61.6	6.3	0.5	25	129.0	239	74	12.0	2.2	0.25	3.1	0.49	20
02-DU-1163	0.05	7.9	1.5	0.005	0.03	0.25	22.2	4.5	0.5	25	75.4	145	46	7.9	1.6	0.25	2.8	0.47	26
02-DU-1164	0.05	11.1	1.5	0.005	0.03	0.25	31.0	3.7	0.5	25	67.5	114	40	7.5	1.4	1.1	2.8	0.40	22
02-DU-1165	0.05	11.3	1.5	0.005	0.03	0.25	26.3	6.1	0.5	170	69.7	135	39	7.4	1.5	0.25	2.5	0.43	23
02-DU-1166	0.05	11.6	1.5	0.005	0.03	0.25	115.0	11.3	0.5	198	179.0	379	116	19.6	2.4	0.25	3.6	0.57	26
02-DU-1168	0.05	11.3	1.5	0.005	0.03	0.25	66.2	13.8	0.5	151	136.0	228	69	12.4	2.0	1.3	3.2	0.48	26
02-DU-1169	0.05	9.5	1.5	0.005	0.03	2.7	26.8	5.6	0.5	25	56.5	93	31	5.7	1.3	0.9	2.0	0.35	27
02-DU-1170	0.05	12.3	1.5	0.005	0.03	3.6	58.5	13.0	0.5	170	146.0	255	86	12.3	2.1	0.25	3.6	0.62	22
02-DU-1171	0.3	14.1	1.5	0.005	0.03	0.3	52.0	8.6	0.5	249	119.0	240	65	10.7	1.9	0.25	3.8	0.55	19
02-DU-1174	0.05	11.2	1.5	0.005	0.03	0.25	28.2	9.2	0.5	125	71.7	118	35	6.7	1.4	0.25	2.1	0.35	25
02-DU-1175	0.05	11.3	1.5	0.005	0.03	2.6	60.4	6.8	0.5	118	89.9	176	44	8.9	1.7	0.25	3.6	0.55	18
02-DU-1177	0.05	12.3	1.5	0.005	0.03	3.8	60.0	8.5	0.5	205	106.0	209	62	10.9	1.8	0.25	2.5	0.41	21
02-DU-1179	0.05	9.3	1.5	0.005	0.03	0.25	40.1	7.7	0.5	95	87.0	157	47	7.7	1.6	0.25	2.2	0.37	28
02-DU-1181	0.05	16.7	1.5	0.005	0.03	0.25	26.0	5.3	0.5	64	82.3	154	58	10.5	2.0	0.25	3.9	0.63	24
02-DU-1182	0.6	20.9	1.5	0.005	0.03	0.25	21.8	5.2	0.5	154	74.3	141	49	9.6	1.9	1.3	3.8	0.61	23
02-DU-1183	0.2	17.6	1.5	0.005	0.03	0.25	26.8	6.5	3	25	81.0	149	54	10.4	1.9	1.1	3.9	0.59	24
02-DU-1185	1.1	20.5	1.5	0.005	0.03	3.3	33.4	9.1	5	134	102.0	192	67	12.7	2.0	1.5	4.2	0.65	24
02-DU-1186	0.6	15.2	1.5	0.005	0.03	0.25	38.3	9.4	4	124	107.0	200	70	13.5	2.1	1.6	5.0	0.79	24
02-DU-1188	1.3	18.5	1.5	0.005	0.03	0.25	33.1	6.6	5	147	84.4	157	60	10.5	1.7	1	3.5	0.61	21
02-DU-1189	0.1	14.8	1.5	0.005	0.03	3.6	29.6	7.5	5	95	86.8	159	57	10.7	2.1	1.3	4.3	0.68	23
02-DU-1190	0.05	15.5	1.5	0.005	0.03	2.6	22.3	4.6	0.5	168	72.3	136	40	9.3	1.9	1.1	4.1	0.58	21
02-DU-1191	0.5	11.8	1.5	0.005	0.03	0.25	19.4	3.8	0.5	116	62.4	116	39	8.0	1.7	0.8	3.5	0.52	25
02-DU-1192	0.5	22.0	1.5	0.005	0.06	0.25	31.5	13.0	0.5	180	85.7	165	55	9.6	1.4	0.25	3.7	0.62	19
02-DU-1193	0.05	20.0	1.5	0.005	0.03	2.2	47.5	14.2	5	185	98.8	178	54	10.7	1.3	1.2	3.5	0.65	22
02-DU-1194	0.1	19.9	1.5	0.005	0.03	0.25	46.4	16.8	0.5	197	104.0	186	61	11.4	1.4	1.5	4.7	0.75	21
02-DU-1196	0.3	14.6	1.5	0.005	0.03	0.25	44.0	9.3	2	135	84.8	151	47	8.6	1.1	0.25	2.4	0.40	20
02-DU-1197	0.2	17.7	1.5	0.005	0.03	0.25	40.3	19.2	7	173	108.0	203	66	13.3	1.9	0.25	4.2	0.67	19
02-DU-1198	0.05	13.4	1.5	0.005	0.03	0.25	48.2	14.8	0.5	25	102.0	206	69	12.8	1.8	0.25	4.6	0.78	22
02-DU-1199	0.2	16.1	1.5	0.005	0.03	0.25	47.6	16.8	0.5	156	120.0	210	72	14.1	1.8	1.6	5.2	0.72	20
02-DU-1200	0.05	14.3	1.5	0.005	0.03	3.8	65.9	21.0	9	25	127.0	225	77	14.5	2.2	1.8	5.9	1.02	17
02-DU-1201	0.6	19.6	1.5	0.005	0.03	3	42.7	11.5	4	146	123.0	226	82	15.3	2.5	1.9	5.9	0.84	20
02-DU-1202	0.6	15.6	1.5	0.005	0.03	0.25	34.6	7.2	3	144	102.0	189	65	12.1	2.2	1.6	4.4	0.65	27
02-DU-1220	0.05	9.3	1.5	0.005	0.03	0.25	22.2	6.7	0.5	25	62.3	109	38	7.2	1.3	0.25	3.5	0.55	25
02-DU-1221	0.05	10.8	1.5	0.005	0.03	1.7	22.6	7.8	0.5	25	64.5	107	40	7.2	1.3	0.8	3.5	0.49	25
02-DU-1223	0.05	9.8	1.5	0.005	0.03	0.25	20.9	4.3	0.5	25	59.8	130	35	6.6	1.3	0.25	2.6	0.40	22
02-DU-1224	0.05	12.3	1.5	0.01	0.03	0.25	44.4	8.2	0.5	142	138.0	250	74	11.6	2.0	1.1	3.7	0.56	24
02-DU-1225	0.2	11.1	1.5	0.005	0.03	1.8	24.2	10.5	0.5	106	88.5	146	49	9.0	1.4	1.2	3.3	0.55	27
02-DU-1227G	0.05	10.2	1.5	0.005	0.03	0.25	22.3	4.7	0.5	25	50.5	92	28	5.6	1.2	0.25	2.1	0.38	21
02-DU-1229	0.05	5.7	1.5	0.005	0.03	0.25	15.8	3.9	0.5	25	57.2	111	33	7.0	1.5	0.25	2.5	0.42	23
02-DU-1230	0.2	12.8	1.5	0.005	0.03	3.1	90.8	13.4	0.5	166	184.0	335	100	17.7	2.9	2	4.6	0.75	24
02-DU-1231	0.05	7.2	1.5	0.005	0.03	0.25	40.8	5.7	0.5	25	150.0	215	77	12.1	1.8	1.7	2.8	0.45	23
02-DU-1234	0.05	9.3	1.5	0.005	0.03	0.25	28.6	5.2	0.5	93	99.3	165	60	9.3	1.8	0.9	2.8	0.47	25
02-DU-1235	0.05	12.7	1.5	0.005	0.08	0.3	121.0	9.7	0.5	194	224.0	333	117	20.0	2.4	0.25	3.2	0.50	27
02-DU-1236	0.05	9.5	1.5	0.005	0.03	0.25	47.0	3.2	0.5	143	101.0	192	57	9.9	1.5	1.1	2.4	0.43	21
02-DU-1237	0.05	11.6	1.5	0.005	0.03	0.25	32.0	10.9	0.5	101	93.7	189	56	10.4	1.7	0.25	4.8	0.76	22
02-DU-1238	0.05	15.2	1.5	0.005	0.03	2.6	55.9	20.5	0.5	194	91.9	169	50	10.7	1.5	0.25	3.7	0.69	22
02-DU-1239	0.05	11.8	1.5	0.005	0.03	2.6	54.1	13.3	0.5	128	102.0	192	65	11.7	1.6	0.25	4.1	0.66	22

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1240	27C	19	450911	7727490	1	2.5	1.8	740	0.3	0.5	12	45	4	3.34	14	0.5	2.5	4	2.70	23	178
02-DU-1241	27C	19	453648	7730864	5	2.5	2.6	760	9.2	0.5	14	43	3	4.20	12	0.5	2.5	8	2.65	28	219
02-DU-1243	27C	19	450344	7735811	1	2.5	0.3	750	15.2	0.5	14	29	4	4.21	22	0.5	2.5	10	2.88	29	145
02-DU-1244	27C	19	447003	7736036	1	2.5	2.3	840	1.9	3	6	27	0.5	2.09	13	0.5	2.5	0.5	2.98	22	116
02-DU-1245	27C	19	460614	7731919	1	2.5	3.0	750	4.5	3	7	38	2	2.39	14	0.5	2.5	0.5	2.49	23	109
02-DU-1247	27C	19	467162	7733433	1	2.5	13.8	760	36.6	3	16	71	5	4.88	12	0.5	2.5	22	1.98	30	170
02-DU-1249	27C	19	460175	7726710	1	2.5	4.9	680	4.4	3	9	46	3	2.89	14	0.5	2.5	9	2.21	22	125
02-DU-1250	27C	19	460180	7724308	1	2.5	14.1	580	6.6	0.5	11	78	5	3.49	10	0.5	2.5	0.5	1.98	22	129
02-DU-1251	27C	19	458002	7724117	1	2.5	9.4	810	4.6	3	14	91	5	3.82	8	0.5	2.5	9	1.91	51	155
02-DU-1252	27C	19	454222	7723561	1	2.5	4.5	750	9.2	0.5	8	90	3	4.81	12	0.5	2.5	21	1.68	50	175
02-DU-1253	27C	19	452281	7720931	1	2.5	7.1	930	17.8	0.5	13	99	3	4.35	10	0.5	2.5	10	1.64	52	95
02-DU-1254	27C	19	447818	7717253	1	2.5	53.3	840	3.0	0.5	30	112	7	6.12	10	0.5	2.5	0.5	1.85	63	182
02-DU-1255	27C	19	447499	7720426	6	2.5	4.3	640	0.3	0.5	13	89	6	4.43	11	0.5	2.5	0.5	2.16	54	194
02-DU-1256	27C	19	448248	7722401	1	2.5	8.2	900	0.3	0.5	14	120	5	5.67	11	0.5	2.5	0.5	1.72	58	186
02-DU-1257	27C	19	438283	7698106	3	2.5	27.8	1200	2.4	0.5	12	113	8	3.92	8	0.5	2.5	8	0.86	43	162
02-DU-1258	27C	19	444921	7701090	1	2.5	26.6	870	0.3	0.5	6	95	7	3.39	10	0.5	2.5	0.5	0.94	42	150
02-DU-1259	27C	19	450024	7694372	2	2.5	14.9	820	1.9	0.5	13	129	6	4.29	10	0.5	2.5	17	1.54	50	173
02-DU-1261	27C	19	456156	7693837	1	2.5	29.6	880	1.5	0.5	14	132	7	4.20	8	0.5	2.5	0.5	1.62	49	147
02-DU-1262	27C	19	463837	7687787	1	2.5	3.1	970	0.3	0.5	9	135	5	3.42	11	0.5	2.5	6	1.18	45	174
02-DU-1264	27C	19	463000	7683833	3	2.5	6.8	840	4.3	0.5	20	172	8	5.87	13	0.5	2.5	0.5	1.45	47	172
02-DU-1267	27C	19	459847	7706214	6	2.5	32.8	920	2.3	0.5	14	146	9	5.08	8	0.5	2.5	7	1.51	42	190
02-DU-1268	27C	19	459691	7709994	1	2.5	17.0	980	2.3	0.5	12	162	9	5.42	8	0.5	2.5	9	1.33	34	182
02-DU-1270	27C	19	461937	7720197	1	2.5	11.5	530	0.3	0.5	8	241	6	9.11	11	0.5	2.5	32	1.23	40	265
02-DU-1272	27C	19	456689	7726995	1	2.5	4.5	700	0.3	0.5	13	79	4	4.52	11	0.5	2.5	0.5	2.04	45	168
02-DU-1274	27C	19	459171	7718037	3	2.5	10.1	760	3.4	0.5	8	116	5	6.02	12	0.5	2.5	15	1.48	44	219
02-DU-1276	27C	19	451358	7707077	1	2.5	28.4	800	0.3	3	9	140	10	4.84	10	0.5	2.5	6	1.17	39	182
02-DU-1277	27C	19	448424	7708795	11	2.5	51.1	850	3.3	0.5	10	145	9	4.81	6	0.5	2.5	0.5	1.74	41	170
02-DU-1281	27C	19	447968	7696750	1	2.5	42.3	810	0.3	0.5	9	146	6	4.36	7	0.5	2.5	0.5	1.95	37	123
02-DU-1282	27C	19	448895	7693195	1	2.5	23.4	820	0.3	0.5	19	197	8	6.35	9	0.5	2.5	12	1.40	48	155
02-DU-1284	27C	19	442560	7689614	1	2.5	2.1	1100	0.3	0.5	5	51	5	2.59	12	0.5	2.5	0.5	1.38	39	230
02-DU-1285	27C	19	439847	7682556	1	2.5	30.2	980	0.3	0.5	9	110	6	3.77	7	0.5	2.5	3	2.01	38	149
02-DU-1286	27C	19	453551	7678890	5	2.5	13.4	630	0.3	0.5	11	100	7	4.02	7	0.5	2.5	0.5	1.85	38	185
02-DU-1287	27C	19	456176	7675632	1	2.5	14.2	810	0.3	0.5	7	105	8	4.42	7	0.5	2.5	0.5	1.92	39	171
02-DU-1290	27C	19	457322	7664286	2	2.5	8.6	740	0.3	0.5	9	97	12	3.23	5	0.5	2.5	0.5	2.03	37	156
02-DU-1294	27C	19	462359	7661802	6	2.5	12.4	940	0.3	0.5	14	138	16	4.67	7	0.5	2.5	0.5	2.04	43	197
02-DU-1295	27C	19	465037	7663875	1	2.5	4.9	880	0.3	0.5	19	187	28	7.35	12	0.5	2.5	14	1.57	51	282
02-DU-1296	27C	19	465394	7669497	1	2.5	5.2	680	0.3	0.5	16	165	9	5.50	6	0.5	2.5	0.5	1.70	36	176
02-DU-1297	27C	19	458601	7680448	1	2.5	8.8	780	0.3	0.5	11	97	12	4.27	9	0.5	2.5	0.5	2.05	44	176
02-DU-1298	27C	19	390212	7737368	1	2.5	2.5	1200	8.4	0.5	7	32	2	3.00	14	0.5	2.5	5	2.72	42	115
02-DU-1299	27C	19	391780	7739882	1	2.5	2.8	940	9.9	2	11	41	4	3.92	13	0.5	2.5	5	2.80	47	143
02-DU-1300	27C	19	396987	7743526	3	2.5	1.7	1100	4.9	0.5	0.5	21	3	2.84	10	0.5	2.5	0.5	2.87	35	120
02-DU-1303	27C	19	402268	7731967	2	2.5	20.2	920	0.3	0.5	19	93	7	5.58	9	0.5	2.5	0.5	2.20	40	180
02-DU-1304	27C	19	405475	7741407	1	2.5	1.8	880	0.3	0.5	7	26	1	2.10	14	0.5	2.5	0.5	3.45	36	125
02-DU-1305	27C	19	409133	7745385	1	2.5	1.9	930	0.3	0.5	13	62	0.5	3.43	14	0.5	2.5	0.5	3.11	39	142
02-DU-1306	27C	19	412445	7738789	1	2.5	9.1	830	0.3	0.5	15	130	10	7.98	11	0.5	2.5	31	1.32	43	214
02-DU-1308	27C	19	419538	7743512	1	2.5	2.5	650	0.3	0.5	7	40	1	2.01	12	0.5	2.5	0.5	3.30	34	100
02-DU-1309	27C	19	423294	7741536	4	2.5	11.5	700	0.3	0.5	7	38	2	2.82	14	0.5	2.5	0.5	2.64	36	131
02-DU-1310	27C	19	429685	7746422	1	2.5	7.9	680	0.3	2	10	44	1	3.00	11	0.5	2.5	0.5	2.52	36	123
02-DU-1312	27C	19	423359	7749549	3	2.5	1.8	610	0.3	0.5	8	33	1	2.06	10	0.5	2.5	0.5	3.07	33	112

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1240	0.05	9.9	1.5	0.005	0.03	1.6	23.3	6.6	0.5	105	64.9	117	41	7.0	1.3	0.25	2.8	0.47	25
02-DU-1241	0.05	12.1	1.5	0.005	0.03	2.7	65.9	15.9	0.5	128	124.0	235	71	11.9	1.9	0.25	3.2	0.50	21
02-DU-1243	0.05	13.1	1.5	0.005	0.03	4.4	107.0	15.2	0.5	109	215.0	366	128	23.0	2.8	0.25	4.6	0.74	23
02-DU-1244	0.05	7.2	1.5	0.005	0.03	0.25	20.2	3.2	0.5	114	53.6	112	36	6.4	1.4	0.25	2.8	0.44	27
02-DU-1245	0.05	7.5	1.5	0.005	0.03	0.25	29.9	5.3	0.5	25	72.2	175	45	8.1	1.6	0.8	3.3	0.50	23
02-DU-1247	0.4	12.6	1.5	0.005	0.03	2.7	103.0	13.1	0.5	25	240.0	489	120	19.9	2.8	0.25	4.2	0.62	20
02-DU-1249	0.05	8.6	1.5	0.005	0.03	0.5	42.7	9.8	0.5	57	88.1	183	51	9.4	1.6	0.25	3.5	0.63	24
02-DU-1250	0.3	10.8	1.5	0.005	0.03	0.25	33.5	7.0	0.5	87	79.7	143	53	9.0	1.4	1.2	3.2	0.48	25
02-DU-1251	0.05	11.8	1.5	0.005	0.03	0.25	31.7	7.8	0.5	162	73.6	134	36	8.6	1.5	0.25	2.8	0.42	22
02-DU-1252	0.3	11.7	1.5	0.005	0.03	0.25	57.4	10.9	0.5	25	95.3	165	40	9.4	1.4	1.2	3.6	0.58	24
02-DU-1253	0.05	12.1	1.5	0.005	0.03	0.25	37.3	14.8	0.5	25	83.6	163	48	10.5	1.6	0.25	3.6	0.54	21
02-DU-1254	0.7	14.3	1.5	0.005	0.03	0.25	50.8	24.5	0.5	25	108.0	211	55	14.1	2.0	0.25	4.3	0.66	17
02-DU-1255	0.05	13.8	1.5	0.005	0.03	0.25	35.0	7.6	0.5	25	89.7	153	39	10.1	1.5	0.25	3.0	0.48	23
02-DU-1256	0.05	15.0	1.5	0.005	0.03	0.25	50.6	10.9	6	25	102.0	189	44	10.9	1.4	0.25	3.3	0.49	20
02-DU-1257	0.2	12.2	1.5	0.005	0.03	0.25	27.6	7.6	5	100	55.7	103	58	6.9	1.1	0.25	3.0	0.47	21
02-DU-1258	0.3	10.7	1.5	0.005	0.03	0.25	28.4	8.6	0.5	25	54.0	106	48	6.6	1.3	0.25	3.2	0.49	21
02-DU-1259	0.05	15.4	1.5	0.005	0.03	0.25	31.0	6.4	3	25	72.3	142	44	9.1	1.6	0.25	4.1	0.62	21
02-DU-1261	0.05	15.1	1.5	0.005	0.03	0.25	31.7	8.1	3	145	80.2	158	58	10.3	1.8	0.25	4.3	0.62	23
02-DU-1262	0.05	11.4	1.5	0.005	0.03	0.25	33.2	6.4	4	125	68.9	129	47	7.9	1.4	0.25	3.6	0.54	22
02-DU-1264	0.05	18.5	1.5	0.005	0.03	0.3	38.4	8.7	0.5	99	94.2	180	60	11.4	2.2	2.2	4.6	0.67	21
02-DU-1267	0.05	15.8	1.5	0.005	0.03	0.25	27.0	7.7	3	169	68.2	127	34	8.4	1.6	0.25	3.3	0.51	24
02-DU-1268	0.3	16.7	1.5	0.005	0.03	0.25	28.7	11.8	3	25	66.4	125	41	8.0	1.5	0.25	3.4	0.52	22
02-DU-1270	0.05	19.6	1.5	0.005	0.03	0.25	47.7	17.2	0.5	25	55.1	101	25	6.3	1.1	0.25	2.6	0.41	25
02-DU-1272	0.05	11.7	1.5	0.005	0.03	0.25	43.9	9.3	0.5	94	83.6	148	37	9.3	1.4	0.25	3.0	0.46	23
02-DU-1274	0.4	14.9	1.5	0.005	0.03	1.1	56.5	14.1	0.5	81	108.0	186	43	9.7	1.1	0.25	3.3	0.51	25
02-DU-1276	0.4	14.6	1.5	0.005	0.03	0.25	25.1	6.8	4	103	64.6	122	40	7.6	1.4	0.25	3.1	0.46	24
02-DU-1277	0.05	16.3	1.5	0.005	0.03	0.25	19.8	4.5	0.5	25	59.9	110	35	7.7	1.5	1.2	3.0	0.45	24
02-DU-1281	0.05	17.8	1.5	0.005	0.03	0.25	19.8	4.5	0.5	25	56.6	98	24	7.1	1.4	0.25	2.7	0.42	29
02-DU-1282	0.5	19.2	1.5	0.005	0.03	0.25	28.4	9.7	0.5	25	70.5	139	45	9.0	1.7	1.8	3.9	0.59	19
02-DU-1284	0.05	8.2	1.5	0.005	0.03	0.25	47.1	9.4	0.5	25	78.8	144	48	8.6	1.8	0.25	5.4	0.81	23
02-DU-1285	0.4	16.1	1.5	0.005	0.03	0.25	23.7	4.9	0.5	25	63.7	114	36	9.2	1.6	0.25	3.5	0.47	25
02-DU-1286	0.05	14.7	1.5	0.005	0.03	1.4	23.9	8.3	0.5	95	65.2	113	38	8.8	1.1	0.25	3.3	0.50	24
02-DU-1287	0.3	14.5	1.5	0.005	0.03	1.1	25.8	7.6	0.5	25	68.7	125	36	8.3	1.1	0.8	2.5	0.38	23
02-DU-1290	0.1	14.7	1.5	0.005	0.03	0.25	18.5	5.8	0.5	25	51.3	93	23	7.9	1.2	0.25	3.3	0.47	24
02-DU-1294	0.3	18.6	1.5	0.005	0.03	2	27.3	6.7	0.5	107	76.5	143	44	11.9	1.9	0.25	4.2	0.64	22
02-DU-1295	0.05	22.0	1.5	0.005	0.03	2.6	42.1	16.5	4	154	115.0	221	61	17.1	2.0	0.25	7.3	1.08	18
02-DU-1296	0.05	18.7	1.5	0.005	0.03	0.25	17.1	6.5	0.5	130	48.6	89	27	7.6	1.3	0.25	2.8	0.49	25
02-DU-1297	0.05	14.1	1.5	0.005	0.03	0.25	26.2	10.6	0.5	120	67.5	114	31	8.5	1.5	0.25	3.2	0.50	18
02-DU-1298	0.05	6.5	1.5	0.005	0.03	0.25	45.2	8.3	0.5	126	0.3	161	36	9.2	1.2	0.25	1.9	0.29	22
02-DU-1299	0.05	9.2	1.5	0.005	0.03	1.7	55.3	10.7	0.5	25	0.3	190	42	11.4	1.4	0.25	2.0	0.33	20
02-DU-1300	0.05	7.4	1.5	0.005	0.03	0.8	27.5	6.6	0.5	25	0.3	73	23	5.4	1.0	0.25	1.3	0.17	27
02-DU-1303	0.9	14.0	1.5	0.005	0.03	0.25	34.6	14.4	0.5	25	68.4	123	27	8.6	1.3	0.25	2.8	0.42	21
02-DU-1304	0.05	7.8	1.5	0.005	0.03	1.2	12.8	5.0	0.5	25	0.3	60	15	4.1	1.0	0.25	1.8	0.29	24
02-DU-1305	0.05	10.7	1.5	0.005	0.03	0.25	21.8	3.8	0.5	25	51.7	78	26	5.9	1.2	0.25	2.1	0.32	22
02-DU-1306	0.5	19.5	1.5	0.005	0.03	0.25	38.8	22.2	0.5	195	67.8	120	32	8.2	1.3	0.25	3.3	0.51	17
02-DU-1308	0.05	7.3	1.5	0.005	0.03	0.25	14.5	4.2	0.5	25	0.3	58	12	5.1	1.0	0.25	2.5	0.39	24
02-DU-1309	0.05	8.1	1.5	0.005	0.03	1.3	27.4	7.2	0.5	25	56.9	108	25	7.8	1.1	1.1	4.0	0.62	23
02-DU-1310	0.05	8.7	1.5	0.005	0.03	0.25	23.4	7.1	0.5	25	54.2	97	24	7.2	1.0	0.25	3.1	0.46	23
02-DU-1312	0.05	7.8	1.5	0.005	0.03	1.4	16.0	3.4	0.5	25	38.2	72	20	5.7	0.9	0.25	2.5	0.39	27

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1313	27C	19	418868	7750941	5	2.5	1.8	970	8.5	0.5	11	31	2	3.16	12	0.5	2.5	0.5	3.04	39	124
02-DU-1314	27C	19	415470	7750833	5	2.5	2.2	970	0.3	0.5	11	54	2	3.13	10	0.5	2.5	3	3.25	37	95
02-DU-1317	27C	19	387807	7746083	1	2.5	1.6	940	0.3	0.5	11	36	2	3.48	10	0.5	2.5	0.5	2.79	38	120
02-DU-1501	27C	19	379206	7627108	1	2.5	18.2	690	0.3	3	12	94	4	3.20	4	0.5	2.5	0.5	2.13	32	94
02-DU-1502	27C	19	396723	7627205	1	2.5	54.7	720	1.7	0.5	23	134	7	4.64	6	0.5	2.5	0.5	1.89	50	118
02-DU-1503	27C	19	381402	7638713	1	2.5	32.7	850	2.0	0.5	17	111	5	3.60	4	0.5	2.5	0.5	1.82	33	108
02-DU-1504	27C	19	391100	7637286	1	2.5	30.6	800	0.3	0.5	12	112	5	3.47	4	0.5	2.5	0.5	2.05	34	70
02-DU-1505	27C	19	397501	7639555	1	2.5	23.0	880	2.2	0.5	14	121	5	3.79	4	0.5	2.5	0.5	1.94	37	101
02-DU-1506	27C	19	390844	7645680	1	2.5	70.8	880	3.1	0.5	14	135	7	4.41	5	0.5	2.5	6	1.91	38	127
02-DU-1507	27C	19	401014	7645365	6	2.5	51.1	990	0.3	2	22	138	6	4.57	5	0.5	2.5	0.5	1.78	38	107
02-DU-1508	27C	19	408519	7641272	6	2.5	10.5	550	2.3	0.5	10	87	4	2.65	5	0.5	2.5	0.5	2.08	40	76
02-DU-1509	27C	19	407345	7631474	5	2.5	29.1	800	0.3	2	16	135	6	4.50	5	0.5	2.5	6	1.86	34	109
02-DU-1510	27C	19	406164	7649037	5	2.5	27.9	780	0.3	0.5	10	115	5	3.62	4	0.5	2.5	0.5	2.28	35	90
02-DU-1511	27C	19	412636	7646187	3	2.5	18.6	500	0.3	0.5	10	97	4	3.16	4	0.5	2.5	0.5	2.04	31	92
02-DU-1512	27C	19	418111	7647958	1	2.5	11.1	800	0.3	2	15	144	7	4.04	6	0.5	2.5	0.5	1.90	36	150
02-DU-1513	27C	19	415843	7639135	1	2.5	12.4	690	0.3	0.5	10	109	5	3.11	6	0.5	2.5	5	1.97	35	117
02-DU-1514	27C	19	418728	7624520	1	2.5	17.3	930	0.3	0.5	13	114	6	3.52	6	0.5	2.5	3	1.91	35	105
02-DU-1515	27C	19	428916	7628347	2	2.5	17.0	790	0.3	0.5	13	96	5	3.05	6	0.5	2.5	0.5	2.02	33	109
02-DU-1516	27C	19	436117	7631678	6	2.5	17.2	760	0.3	0.5	18	102	6	3.48	7	0.5	2.5	0.5	2.19	40	109
02-DU-1517	27C	19	429657	7643672	6	2.5	16.4	780	2.5	0.5	16	145	7	5.01	9	0.5	2.5	9	1.68	39	157
02-DU-1518	27C	19	429747	7617714	1	2.5	39.2	890	4.1	0.5	20	178	12	6.27	7	0.5	2.5	0.5	1.51	43	193
02-DU-1519	27C	19	432123	7611320	3	2.5	7.2	730	0.3	2	14	111	9	4.37	8	0.5	2.5	0.5	1.61	42	160
02-DU-1520	27C	19	423949	7605035	3	2.5	2.1	810	0.3	0.5	12	80	4	3.03	9	0.5	2.5	0.5	2.08	37	123
02-DU-1521	27C	19	433023	7593781	6	2.5	2.3	720	4.5	2	16	80	6	4.34	8	0.5	2.5	0.5	1.42	40	191
02-DU-1522	27C	19	438269	7592707	1	2.5	1.9	610	2.1	5	14	88	4	3.80	8	0.5	2.5	4	1.29	35	134
02-DU-1523	27C	19	450614	7592177	1	2.5	3.5	1000	0.3	0.5	15	102	5	5.07	11	0.5	2.5	7	1.72	30	200
02-DU-1524	27C	19	443853	7605920	6	2.5	1.3	1200	0.3	0.5	10	101	2	2.45	11	0.5	2.5	9	2.30	34	180
02-DU-1525	27C	19	420645	7591928	1	2.5	4.5	820	5.9	0.5	16	85	6	4.32	9	0.5	2.5	0.5	1.31	29	232
02-DU-1526	27C	19	414922	7593331	5	2.5	3.8	810	0.3	0.5	20	105	4	4.83	10	0.5	2.5	0.5	1.61	35	146
02-DU-1527	27C	19	409342	7602117	1	2.5	5.2	910	0.3	0.5	14	90	6	3.27	10	0.5	2.5	0.5	2.15	41	128
02-DU-1528	27C	19	419295	7604682	1	2.5	7.0	960	0.3	0.5	14	117	8	4.45	9	0.5	2.5	0.5	2.13	44	179
02-DU-1529	27C	19	409962	7619171	1	2.5	15.6	620	0.3	0.5	12	105	8	3.64	7	0.5	2.5	0.5	1.94	32	145
02-DU-1530	27C	19	412220	7622623	1	2.5	32.2	680	0.3	0.5	18	159	12	5.31	6	0.5	2.5	0.5	1.84	52	200
02-DU-1531	27C	19	412346	7559816	3	2.5	1.5	1300	4.7	0.5	15	41	4	4.82	21	0.5	2.5	0.5	1.70	42	194
02-DU-1532	27C	19	417396	7558677	1	2.5	0.3	1000	11.5	0.5	10	47	2	4.80	15	0.5	2.5	0.5	1.84	41	159
02-DU-1533	27C	19	419765	7550289	1	2.5	2.7	1100	8.1	0.5	4	21	1	2.68	13	0.5	2.5	0.5	2.05	39	129
02-DU-1534	27C	19	425636	7555485	1	2.5	2.5	1100	5.4	0.5	8	37	0.5	2.85	14	0.5	2.5	0.5	1.97	57	155
02-DU-1535	27C	19	434992	7547081	5	2.5	0.3	1100	39.0	0.5	9	35	0.5	3.54	10	0.5	2.5	6	1.82	57	150
02-DU-1536	27C	19	443518	7545445	1	2.5	2.7	1300	0.3	0.5	11	33	0.5	3.21	13	0.5	2.5	6	1.88	55	129
02-DU-1537	27C	19	450221	7547272	1	2.5	5.4	820	2.1	0.5	11	46	0.5	3.61	13	0.5	2.5	6	1.64	55	169
02-DU-1538	27C	19	456318	7546972	1	2.5	0.3	1100	3.0	0.5	5	32	0.5	2.95	14	0.5	2.5	0.5	2.19	52	143
02-DU-1539	27C	19	456196	7551621	1	2.5	2.7	900	0.3	3	8	55	0.5	3.28	14	0.5	2.5	0.5	2.23	53	180
02-DU-1540	27C	19	457965	7556100	1	2.5	3.5	840	0.3	0.5	9	58	4	3.33	9	0.5	2.5	0.5	1.78	53	173
02-DU-1541	27C	19	442930	7558517	1	2.5	0.3	950	0.3	0.5	13	72	0.5	4.19	14	0.5	2.5	4	1.71	62	134
02-DU-1542	27C	19	433528	7561146	6	2.5	0.3	1200	0.3	0.5	9	32	0.5	2.46	15	0.5	2.5	0.5	2.55	59	162
02-DU-1543	27C	19	427034	7566527	1	2.5	0.3	1300	0.3	0.5	14	103	4	5.40	17	0.5	2.5	0.5	1.52	63	179
02-DU-1544	27C	19	445942	7563514	1	2.5	1.5	1200	0.3	0.5	6	49	0.5	2.43	14	0.5	2.5	5	2.29	54	141
02-DU-1545	27C	19	458828	7576308	1	2.5	2.3	1000	7.7	0.5	29	114	3	6.77	19	0.5	2.5	0.5	1.32	34	221
02-DU-1545G	27B	19	458828	7576308	32	2.5	10.3	890	0.3	0.5	13	100	5	30.80	14	0.5	2.5	84	0.75	34	161

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1313	0.05	9.0	1.5	0.01	0.03	1.5	47.8	4.6	0.5	25	64.7	116	35	8.8	1.4	0.9	2.2	0.33	23
02-DU-1314	0.05	10.3	1.5	0.005	0.03	0.25	17.5	4.6	0.5	25	47.6	73	31	5.9	0.9	0.25	2.2	0.35	25
02-DU-1317	0.05	9.7	1.5	0.005	0.03	0.25	33.7	10.2	0.5	25	73.4	122	39	8.2	1.3	1.1	2.1	0.35	24
02-DU-1501	0.05	14.9	1.5	0.005	0.03	0.25	15.2	2.4	0.5	25	47.3	83	28	7.0	1.4	0.25	2.6	0.40	29
02-DU-1502	0.05	18.1	1.5	0.005	0.03	0.25	19.1	4.5	0.5	25	56.9	106	38	8.5	1.5	0.25	3.6	0.54	23
02-DU-1503	0.3	17.4	1.5	0.005	0.03	0.25	14.5	4.3	3	111	45.4	86	25	7.1	1.3	0.8	3.4	0.52	25
02-DU-1504	0.3	16.9	1.5	0.005	0.03	0.25	15.7	2.8	0.5	25	47.4	89	33	7.5	1.4	0.9	3.0	0.47	25
02-DU-1505	0.05	18.2	1.5	0.005	0.03	0.25	14.4	3.5	7	25	52.5	93	31	7.9	1.7	0.8	3.3	0.51	25
02-DU-1506	0.1	19.1	1.5	0.005	0.03	0.25	18.8	4.0	0.5	112	63.6	118	40	9.4	1.5	0.25	3.5	0.53	23
02-DU-1507	0.4	18.7	1.5	0.005	0.03	0.25	17.6	5.5	4	102	56.9	114	33	8.5	1.5	0.25	3.5	0.53	21
02-DU-1508	0.3	12.8	1.5	0.005	0.03	0.25	15.1	2.6	0.5	25	48.5	87	27	7.1	1.3	0.25	2.9	0.46	27
02-DU-1509	0.05	18.3	1.5	0.005	0.03	0.25	16.1	4.7	0.5	25	51.5	100	32	7.9	1.4	0.25	2.9	0.43	26
02-DU-1510	0.3	18.1	1.5	0.005	0.03	1.9	16.7	3.0	3	118	53.5	101	40	8.1	1.6	0.25	3.3	0.48	25
02-DU-1511	0.05	15.5	1.5	0.005	0.03	0.25	15.9	2.9	0.5	25	49.7	89	31	7.6	1.4	0.25	3.0	0.46	30
02-DU-1512	0.05	17.9	1.5	0.005	0.03	0.25	20.6	3.7	0.5	25	65.1	120	50	9.3	1.8	0.25	3.7	0.56	25
02-DU-1513	0.05	14.3	1.5	0.005	0.03	0.25	22.3	4.0	0.5	25	70.9	120	58	9.4	1.5	0.25	3.6	0.54	24
02-DU-1514	0.05	14.3	1.5	0.005	0.03	0.25	22.1	5.3	0.5	25	64.7	113	52	9.1	1.5	0.25	3.7	0.57	25
02-DU-1515	0.3	12.6	1.5	0.005	0.03	0.25	19.4	5.0	3	25	58.2	99	49	8.1	1.4	0.25	3.5	0.56	26
02-DU-1516	0.05	14.5	1.5	0.005	0.03	2.3	33.7	8.9	0.5	93	97.0	169	77	13.5	2.1	1.9	5.6	0.84	24
02-DU-1517	0.4	19.2	1.5	0.005	0.03	2.7	29.6	4.6	0.5	25	85.3	152	72	11.5	2.1	0.25	4.3	0.63	23
02-DU-1518	0.3	19.8	1.5	0.005	0.03	2.1	28.9	13.1	0.5	147	78.3	150	69	11.9	2.1	1.4	4.9	0.74	19
02-DU-1519	0.3	14.9	1.5	0.005	0.03	0.25	27.8	13.0	0.5	196	79.0	150	73	11.9	1.6	1.2	6.1	0.92	19
02-DU-1520	0.05	12.5	1.5	0.005	0.03	0.25	29.0	8.1	0.5	141	82.3	155	67	11.9	1.6	0.25	6.2	0.94	24
02-DU-1521	0.05	13.9	1.5	0.005	0.03	2.3	31.4	6.4	0.5	25	73.2	136	58	9.5	1.3	1.2	3.4	0.52	19
02-DU-1522	0.05	12.4	1.5	0.005	0.03	0.25	25.3	4.8	0.5	161	59.7	113	48	8.3	1.1	0.25	3.2	0.49	22
02-DU-1523	0.05	15.6	1.5	0.005	0.03	0.25	31.5	8.3	0.5	25	82.6	166	63	10.8	1.6	0.25	4.0	0.60	21
02-DU-1524	0.05	9.8	1.5	0.005	0.03	0.25	35.2	7.0	0.5	25	85.6	154	64	10.0	1.6	0.25	3.9	0.59	24
02-DU-1525	0.05	13.5	1.5	0.005	0.03	0.8	28.2	7.3	2	25	76.8	142	68	10.4	1.2	0.25	3.4	0.54	22
02-DU-1526	0.05	15.0	1.5	0.005	0.03	2.4	35.1	8.4	0.5	25	88.4	165	68	11.5	1.5	0.25	4.4	0.69	21
02-DU-1527	0.05	12.6	1.5	0.005	0.03	0.25	33.3	11.8	0.5	25	92.6	168	71	12.4	2.0	0.25	5.8	0.86	25
02-DU-1528	0.2	14.6	1.5	0.005	0.03	0.25	29.3	7.9	0.5	25	80.7	143	64	11.4	1.9	0.25	5.6	0.84	22
02-DU-1529	0.05	13.9	1.5	0.005	0.03	0.25	24.1	5.8	0.5	25	79.2	139	49	10.5	2.0	0.25	3.8	0.57	30
02-DU-1530	0.05	19.4	1.5	0.005	0.03	0.25	24.1	6.4	0.5	25	75.2	134	47	10.8	2.1	0.25	4.3	0.65	22
02-DU-1531	0.6	16.0	1.5	0.005	0.03	0.25	53.6	3.6	0.5	155	194.0	334	120	18.8	2.4	0.25	2.4	0.34	23
02-DU-1532	0.05	14.3	1.5	0.005	0.03	0.25	53.2	6.4	0.5	25	165.0	297	113	15.8	2.3	0.25	1.7	0.41	20
02-DU-1533	0.05	11.6	1.5	0.005	0.03	0.25	46.8	5.9	0.5	25	128.0	224	101	14.5	1.8	0.25	4.2	0.63	28
02-DU-1534	0.05	10.4	1.5	0.005	0.03	0.25	57.0	9.1	0.5	25	132.0	233	91	14.4	1.7	0.25	3.0	0.46	25
02-DU-1535	0.05	11.7	1.5	0.005	0.03	0.25	38.3	3.4	0.5	25	113.0	207	81	11.5	1.4	1.9	2.2	0.33	23
02-DU-1536	0.05	11.3	1.5	0.005	0.03	0.25	41.7	5.4	0.5	25	174.0	302	115	15.1	1.9	0.25	2.5	0.39	29
02-DU-1537	0.05	11.9	1.5	0.005	0.03	0.25	43.7	6.3	0.5	25	115.0	212	85	13.7	1.6	0.25	2.0	0.31	24
02-DU-1538	0.05	14.2	1.5	0.005	0.03	0.25	35.9	4.9	0.5	25	107.0	194	77	12.1	1.5	0.25	3.2	0.48	31
02-DU-1539	0.05	10.0	1.5	0.005	0.03	0.25	49.3	7.8	0.5	129	129.0	234	85	15.5	1.5	0.25	2.9	0.44	30
02-DU-1540	0.05	11.1	1.5	0.005	0.03	0.25	34.2	12.6	0.5	25	88.7	164	71	10.2	1.6	0.25	2.8	0.41	24
02-DU-1541	0.05	13.7	1.5	0.005	0.03	0.25	52.1	6.2	0.5	25	150.0	264	104	15.8	1.7	2.3	2.8	0.43	21
02-DU-1542	0.05	9.4	1.5	0.005	0.03	0.25	56.9	7.7	0.5	25	165.0	288	121	17.4	1.9	0.25	3.5	0.53	27
02-DU-1543	0.05	16.4	1.5	0.005	0.03	0.25	42.4	5.8	0.5	186	155.0	271	114	14.7	2.1	0.25	2.7	0.41	21
02-DU-1544	0.05	8.5	1.5	0.005	0.03	0.25	48.5	6.8	0.5	25	144.0	246	96	15.6	1.6	1.7	3.7	0.55	28
02-DU-1545	0.05	18.1	3	0.005	0.03	0.8	37.2	8.2	0.5	160	110.0	200	78	13.3	2.4	0.25	3.3	0.50	18
02-DU-1545G	0.05	12.9	35	0.005	0.03	0.25	35.2	4.8	0.5	25	102.0	192	73	10.8	1.4	0.25	1.9	0.27	25

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	NTS	Zone	East	North	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Br (ppm)	Ca (%)	Co (ppm)	Cr (ppm)	Cs (ppm)	Fe (%)	Hf (ppm)	Hg (ppm)	Ir (ppb)	Mo (ppm)	Na (%)	Ni (ppm)	Rb (ppm)
02-DU-1546	27C	19	451807	7581732	1	2.5	0.3	1200	0.3	0.5	22	99	4	5.01	17	0.5	2.5	0.5	1.70	26	176
02-DU-1547	27C	19	447904	7578759	4	2.5	0.3	550	23.0	0.5	19	125	4	6.22	15	0.5	2.5	0.5	0.93	25	157
02-DU-1548	27C	19	441794	7583500	1	2.5	1.5	870	0.3	0.5	19	137	6	4.95	13	0.5	2.5	6	1.32	26	192
02-DU-1549	27C	19	434357	7573639	1	2.5	1.2	920	6.5	0.5	21	153	5	7.61	11	0.5	2.5	0.5	0.72	23	221
02-DU-1550	27C	19	422107	7579153	6	2.5	0.3	760	0.3	0.5	12	81	3	3.52	11	0.5	2.5	0.5	1.55	32	156
02-DU-1551	27C	19	424496	7582602	1	2.5	0.3	670	0.3	2	10	74	4	2.94	14	0.5	2.5	5	1.61	26	135
02-DU-1552	27C	19	454771	7591390	1	2.5	3.3	650	6.9	0.5	21	107	5	4.52	14	0.5	2.5	0.5	1.40	26	162
02-DU-1553	27C	19	457348	7597144	1	2.5	2.9	720	5.0	0.5	23	119	7	5.12	11	0.5	2.5	0.5	1.47	28	189
02-DU-1554	27C	19	453110	7605132	4	2.5	2.8	940	0.3	0.5	20	105	7	4.41	9	0.5	2.5	0.5	1.61	29	239
02-DU-1555	27C	19	452772	7624981	5	2.5	35.6	770	0.3	0.5	13	162	18	5.95	9	0.5	2.5	0.5	1.82	29	181
02-DU-1556	27C	19	447487	7624448	4	2.5	30.3	890	0.3	0.5	22	167	13	5.57	8	0.5	2.5	0.5	1.70	25	165
02-DU-1557	27C	19	451957	7644653	5	2.5	4.9	900	1.9	0.5	9	87	8	2.59	10	0.5	2.5	0.5	1.59	28	163
02-DU-1558	27C	19	456492	7641879	1	2.5	22.6	840	0.3	0.5	14	139	12	4.40	7	0.5	2.5	0.5	1.70	25	143
02-DU-1559	27C	19	431917	7694169	8	2.5	17.8	980	0.3	0.5	14	146	10	4.52	13	0.5	2.5	8	1.41	26	192
02-DU-1560	27C	19	427847	7686590	1	2.5	29.9	780	0.3	0.5	13	179	9	4.15	11	0.5	2.5	6	1.87	25	163
02-DU-1561	27C	19	440168	7679702	1	2.5	12.0	710	0.3	0.5	5	211	12	4.50	8	0.5	2.5	18	0.82	35	191
02-DU-1562	27C	19	436254	7671264	3	2.5	33.6	860	0.3	0.5	16	121	9	3.75	9	0.5	2.5	0.5	1.43	24	187
02-DU-1563	27C	19	445874	7667597	4	2.5	6.7	630	0.3	0.5	9	74	12	3.30	8	0.5	2.5	0.5	1.76	29	166
02-DU-1564	27C	19	391092	7696049	6	2.5	8.8	900	0.3	0.5	4	140	10	5.34	7	0.5	2.5	10	1.50	24	172
02-DU-1565	27C	19	385107	7704339	2	2.5	62.1	580	3.4	0.5	8	54	13	4.47	12	0.5	2.5	0.5	2.12	25	309
02-DU-1566	27C	19	397987	7712228	1	2.5	4.7	690	6.8	0.5	18	63	11	6.19	17	0.5	2.5	11	2.30	52	222
02-DU-1567	27C	19	405149	7708788	1	2.5	18.8	910	0.3	0.5	13	92	9	4.05	11	0.5	2.5	0.5	2.29	51	184
02-DU-1568	27B	19	385376	7655635	1	2.5	68.3	860	0.3	0.5	15	131	7	4.05	6	0.5	2.5	2	2.04	44	165
02-DU-1569	27C	19	387500	7671832	1	2.5	35.0	850	0.3	0.5	10	112	6	3.14	6	0.5	2.5	0.5	2.04	44	152
02-DU-1570	27C	19	391113	7683467	6	2.5	55.2	680	0.3	0.5	8	92	5	2.86	6	0.5	2.5	0.5	2.10	41	129
02-DU-1571	27C	19	394139	7667889	1	2.5	32.5	800	3.2	0.5	13	134	10	4.24	6	0.5	2.5	6	2.37	47	187
02-DU-1572	27C	19	397594	7657899	1	2.5	71.6	730	0.3	0.5	12	126	7	4.13	6	0.5	2.5	0.5	1.80	44	135
02-DU-1591	27C	19	394756	7724561	2	2.5	0.3	890	0.3	3	6	34	3	2.63	15	0.5	2.5	0.5	2.78	45	155
02-DU-1597	27C	19	394786	7724679	5	2.5	32.4	860	0.3	0.5	9	77	8	4.81	11	0.5	2.5	7	2.00	41	162

Appendix V - Till geochemistry, <0.063 mm, INAA

Sample	Sb (ppm)	Sc (ppm)	Se (ppm)	Sn (%)	Sr (%)	Ta (ppm)	Th (ppm)	U (ppm)	W (ppm)	Zn (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)	Lu (ppm)	Mass (g)
02-DU-1546	0.05	16.0	1.5	0.005	0.03	0.25	38.0	7.1	2	131	113.0	199	82	14.7	1.9	0.25	4.3	0.66	22
02-DU-1547	0.05	18.4	1.5	0.005	0.03	0.25	33.2	8.6	0.5	112	97.6	176	67	12.9	1.8	0.25	3.2	0.54	17
02-DU-1548	0.4	17.3	1.5	0.005	0.03	0.25	31.8	9.0	0.5	25	82.0	148	67	11.4	1.7	1.5	4.2	0.63	22
02-DU-1549	0.05	21.9	1.5	0.005	0.03	2.4	32.1	7.4	0.5	198	114.0	207	84	15.6	2.0	0.25	3.8	0.56	19
02-DU-1550	0.05	12.1	1.5	0.005	0.03	0.25	30.5	5.7	0.5	25	76.8	140	57	10.4	1.3	0.25	3.0	0.46	25
02-DU-1551	0.05	11.2	1.5	0.005	0.03	0.25	29.1	6.9	0.5	25	80.1	141	64	10.4	1.2	0.25	3.8	0.56	29
02-DU-1552	0.05	15.0	1.5	0.005	0.03	1.1	33.4	10.5	0.5	25	82.4	145	59	11.2	1.7	0.25	4.0	0.62	25
02-DU-1553	0.05	16.8	1.5	0.005	0.03	0.25	26.2	11.8	0.5	209	72.9	137	54	10.3	1.6	1.7	3.5	0.53	22
02-DU-1554	0.05	15.9	1.5	0.005	0.03	0.25	24.3	6.3	0.5	25	65.8	123	47	8.9	1.3	0.25	3.2	0.47	20
02-DU-1555	0.3	20.3	1.5	0.005	0.03	0.25	30.6	7.7	6	153	92.7	164	72	12.6	2.0	0.25	4.9	0.74	24
02-DU-1556	0.6	20.8	1.5	0.005	0.03	0.25	21.9	7.2	0.5	25	74.0	136	63	11.0	1.9	0.25	4.3	0.68	26
02-DU-1557	0.05	11.4	1.5	0.005	0.03	1.4	25.6	4.7	0.5	25	65.1	121	50	8.7	1.7	0.25	3.4	0.52	28
02-DU-1558	0.05	17.3	1.5	0.005	0.03	0.25	24.0	6.8	4	122	81.3	143	62	12.0	2.0	0.25	4.6	0.69	24
02-DU-1559	0.2	15.8	1.5	0.005	0.03	0.25	30.7	7.6	0.5	25	83.3	148	57	11.0	2.1	0.25	4.4	0.66	20
02-DU-1560	0.3	17.7	1.5	0.005	0.03	0.25	29.7	5.5	0.5	25	89.6	166	70	12.2	2.2	0.25	4.1	0.61	24
02-DU-1561	0.05	21.1	1.5	0.005	0.03	0.25	26.8	4.6	8	113	75.2	131	60	9.3	1.8	0.25	4.2	0.63	19
02-DU-1562	0.5	14.5	1.5	0.005	0.03	0.25	24.3	5.8	0.5	25	66.2	122	48	8.6	1.7	0.25	3.0	0.46	24
02-DU-1563	0.3	15.6	1.5	0.005	0.03	0.25	27.0	23.6	7	25	56.5	99	40	7.8	1.6	1.6	4.8	0.72	18
02-DU-1564	1	19.9	1.5	0.005	0.03	0.25	30.6	7.0	4	98	97.1	170	74	12.9	2.2	1.5	3.8	0.56	27
02-DU-1565	0.4	12.8	1.5	0.005	0.03	4.2	53.4	20.9	9	25	70.2	125	63	12.0	1.2	0.25	6.0	0.90	24
02-DU-1566	0.05	14.1	1.5	0.005	0.03	0.25	43.5	18.2	0.5	185	80.3	149	58	11.4	1.9	0.25	3.9	0.59	21
02-DU-1567	0.05	15.9	1.5	0.005	0.03	0.25	44.9	16.7	0.5	162	107.0	192	77	15.5	2.1	1.9	5.5	0.82	21
02-DU-1568	0.3	18.5	1.5	0.005	0.03	0.25	15.5	4.3	0.5	25	58.6	106	46	9.3	1.7	0.25	3.3	0.49	26
02-DU-1569	0.4	17.3	1.5	0.005	0.03	0.25	17.5	4.8	0.5	116	63.7	113	50	9.7	1.8	0.25	3.2	0.51	25
02-DU-1570	0.4	14.5	1.5	0.005	0.03	0.25	14.6	3.5	4	25	50.7	90	36	7.6	1.5	0.7	2.5	0.38	32
02-DU-1571	0.05	19.6	1.5	0.005	0.03	0.25	21.3	4.9	3	25	74.6	134	58	11.0	1.8	0.25	3.6	0.54	24
02-DU-1572	0.6	17.9	1.5	0.005	0.03	0.25	16.7	5.4	4	119	59.4	109	46	9.3	1.2	0.25	3.3	0.48	24
02-DU-1591	0.05	9.2	1.5	0.005	0.03	0.25	26.2	6.7	0.5	25	70.4	122	50	8.6	1.5	0.25	3.1	0.46	26
02-DU-1597	4.2	12.6	1.5	0.005	0.03	0.25	28.7	7.5	0.5	25	63.8	112	53	8.4	1.1	0.25	3.0	0.45	27

Appendix VI: Basic statistics and percentiles for elements analysed by INAA

Note: Numbers to the right of the frequency histogram are high values not shown by bars.

Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SILVER

Ag (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

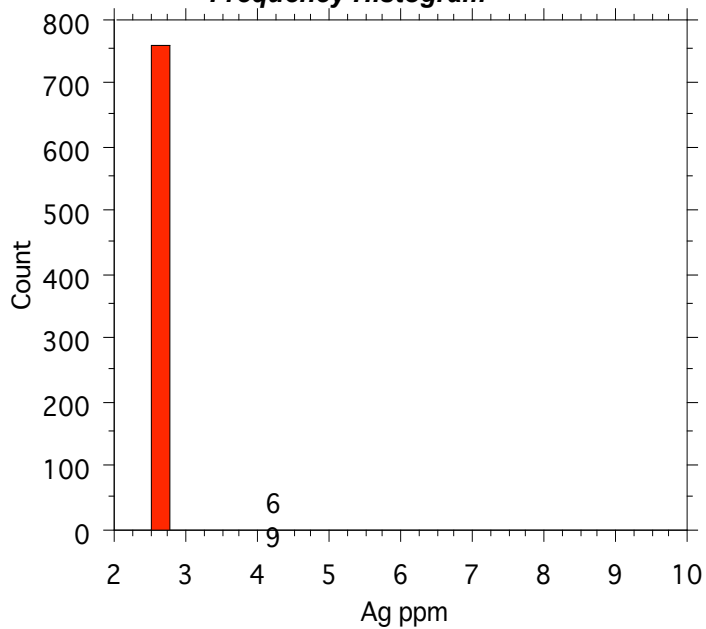
Descriptive Statistics

Count:	764
Mean:	3
Median:	3
Mode:	3
Standard deviation:	0.38
Variance:	0.14
Coeff. var:	0.51
Skewness:	13.80
Kurtosis:	198.80

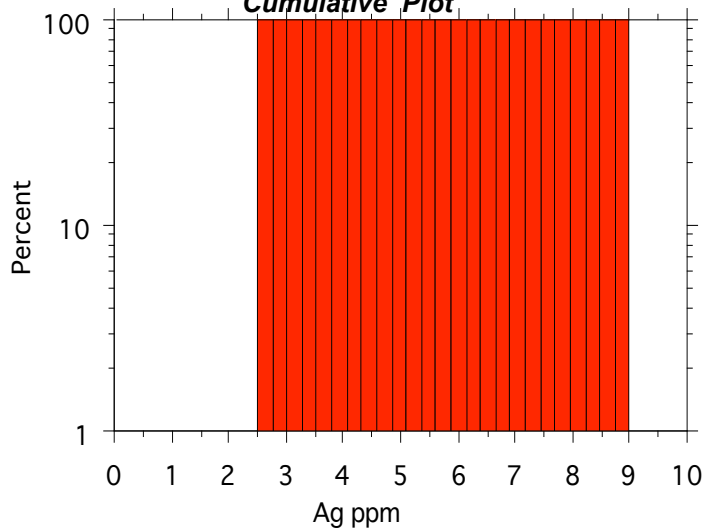
Percentiles

maximum	9
99th percentile	5
97th percentile	<5
95th percentile	<5
90th percentile	<5
75th percentile	<5
50th percentile	<5
25th percentile	<5
10th percentile	<5
minimum	<5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ARSENIC

As (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

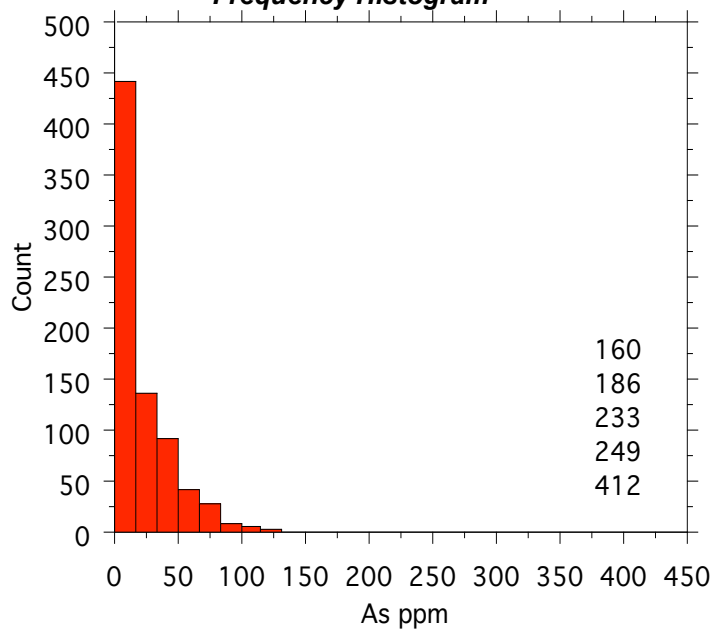
Descriptive Statistics

Count:	764
Mean:	21.5
Median:	9.1
Mode:	0.3
Standard deviation:	30.59
Variance:	936.17
Coeff. var:	1.42
Skewness:	4.61
Kurtosis:	42.09

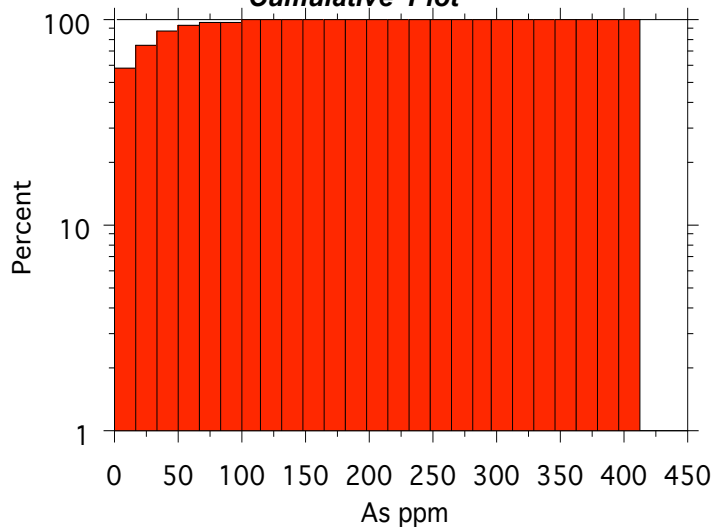
Percentiles

maximum	412.0
99th percentile	116.0
97th percentile	88.4
95th percentile	70.6
90th percentile	53.8
75th percentile	32.5
50th percentile	9.1
25th percentile	2.5
10th percentile	1.3
mimimum	<0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BARIUM

Ba (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 50 ppm

Sample preparation: Dry-sieved, <230 mesh screen

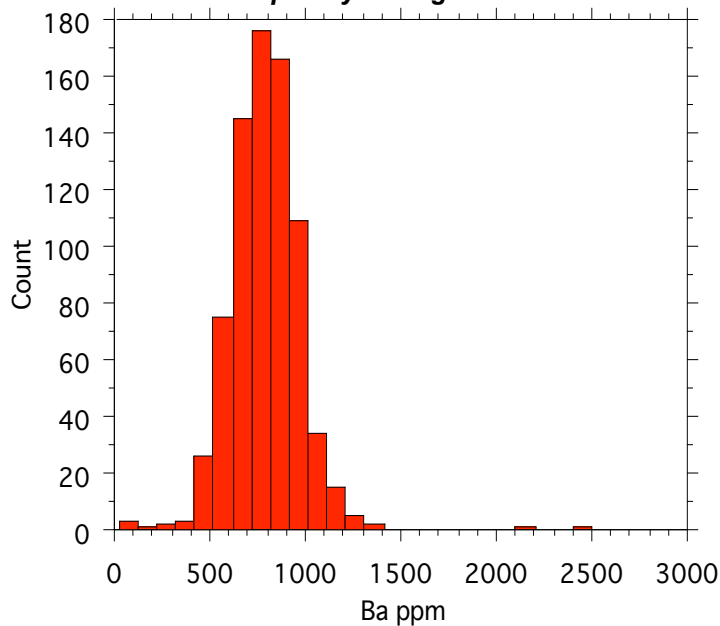
Descriptive Statistics

Count:	764
Mean:	793
Median:	790
Mode:	1100
Standard deviation:	193.69
Variance:	37516.21
Coeff. var:	0.24
Skewness:	1.35
Kurtosis:	11.60

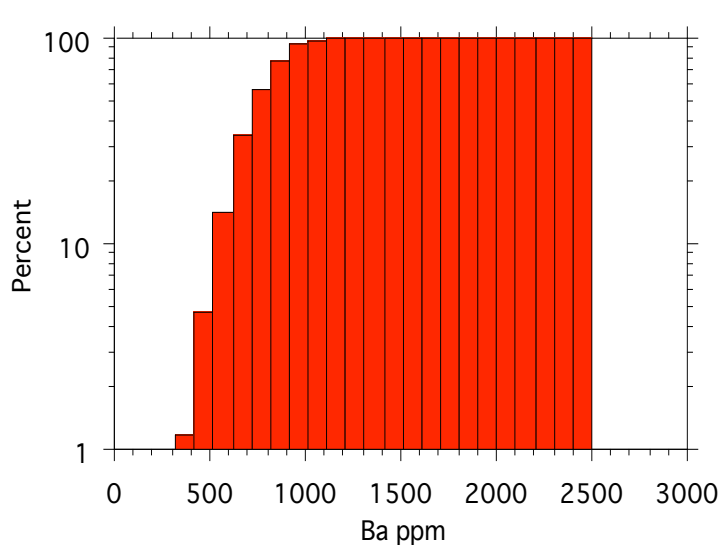
Percentiles

maximum	2500
99th percentile	1400
97th percentile	1200
95th percentile	1100
90th percentile	1000
75th percentile	890
50th percentile	790
25th percentile	680
10th percentile	580
mimimum	<50

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

GOLD

Au (ppb)

Fraction: <0.063 mm
Method: INAA
Detection limit: 2 ppb

Sample preparation: Dry-sieved, <230 mesh screen

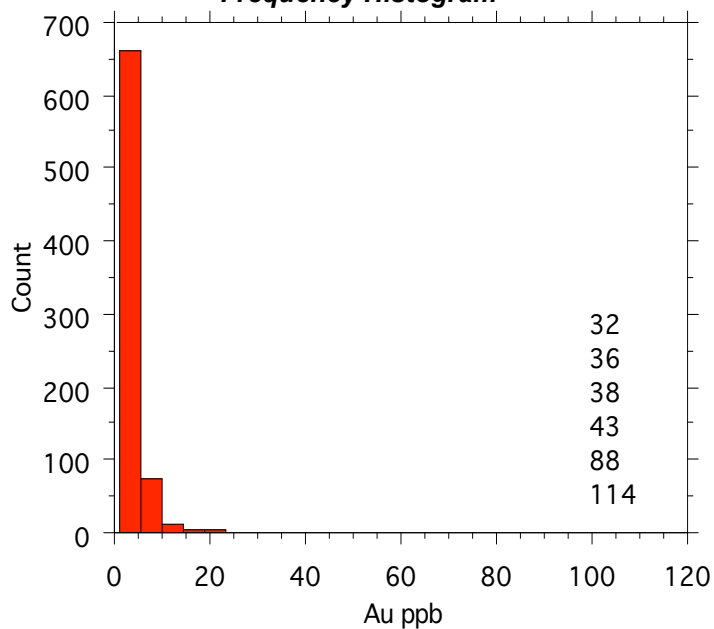
Descriptive Statistics

Count: 764
Mean: 3
Median: 1
Mode: 1
Standard deviation: 6.63
Variance: 43.92
Coeff. var: 2.13
Skewness: 10.51
Kurtosis: 145.67

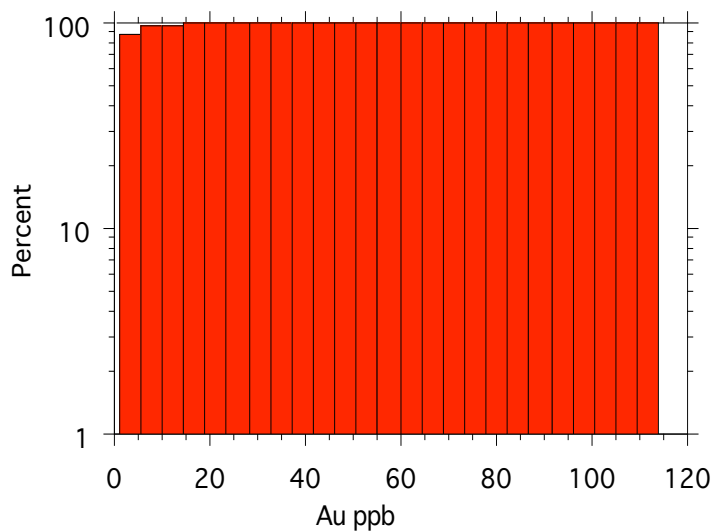
Percentiles

maximum 114
99th percentile 28
97th percentile 12
95th percentile 9
90th percentile 6
75th percentile 4
50th percentile <2
25th percentile <2
10th percentile <2
mimimum <2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BARIUM

Ba (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 50 ppm

Sample preparation: Dry-sieved, <230 mesh screen

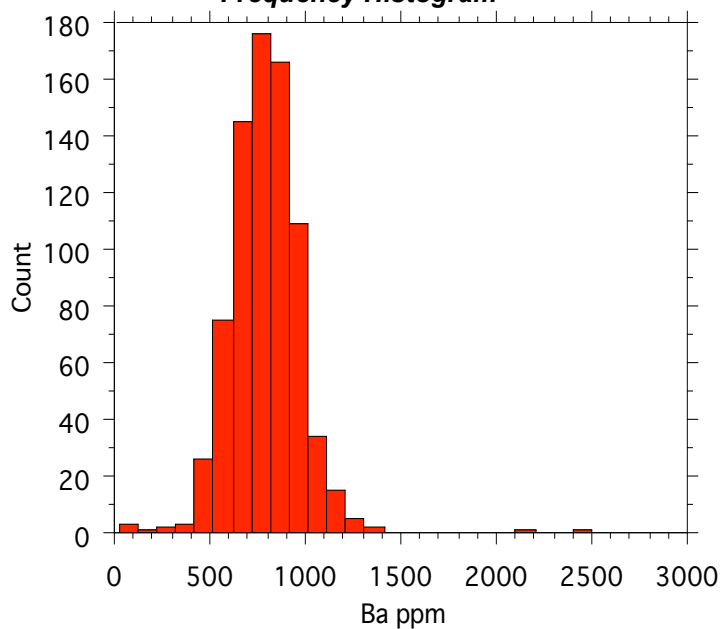
Descriptive Statistics

Count:	764
Mean:	793
Median:	790
Mode:	1100
Standard deviation:	193.69
Variance:	37516.21
Coeff. var:	0.24
Skewness:	1.35
Kurtosis:	11.60

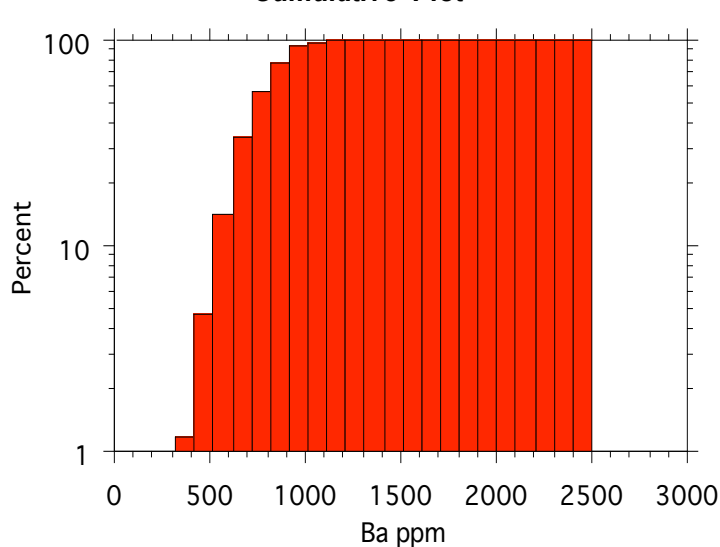
Percentiles

maximum	2500
99th percentile	1400
97th percentile	1200
95th percentile	1100
90th percentile	1000
75th percentile	890
50th percentile	790
25th percentile	680
10th percentile	580
mimimum	<50

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

BROMINE

Br (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

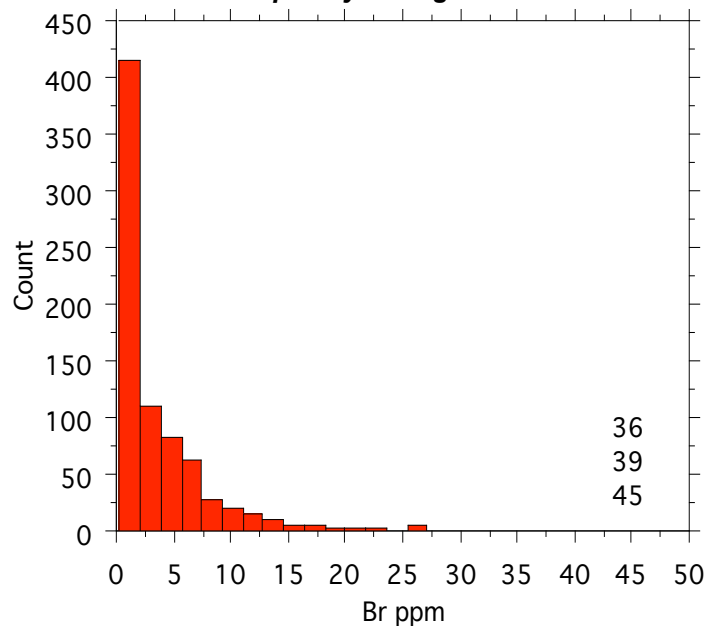
Descriptive Statistics

Count:	764
Mean:	3.3
Median:	1.5
Mode:	0.3
Standard deviation:	4.90
Variance:	24.08
Coeff. var:	1.45
Skewness:	3.20
Kurtosis:	15.79

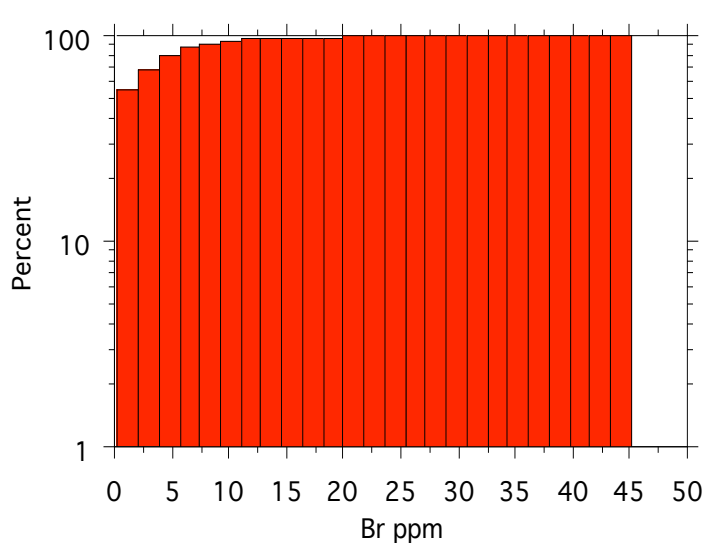
Percentiles

maximum	45.1
99th percentile	23.0
97th percentile	14.9
95th percentile	12.6
90th percentile	8.5
75th percentile	4.9
50th percentile	1.5
25th percentile	<0.5
10th percentile	<0.5
mimimum	<0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CALCIUM

Ca (%)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1%

Sample preparation: Dry-sieved, <230 mesh screen

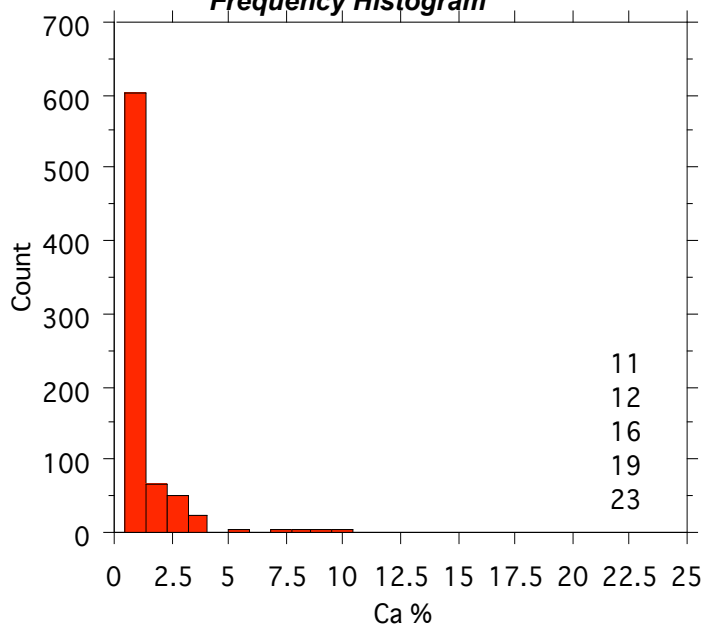
Descriptive Statistics

Count:	764
Mean:	1
Median:	0.5
Mode:	0.5
Standard deviation:	1.80
Variance:	3.27
Coeff. var:	1.57
Skewness:	5.88
Kurtosis:	50.24

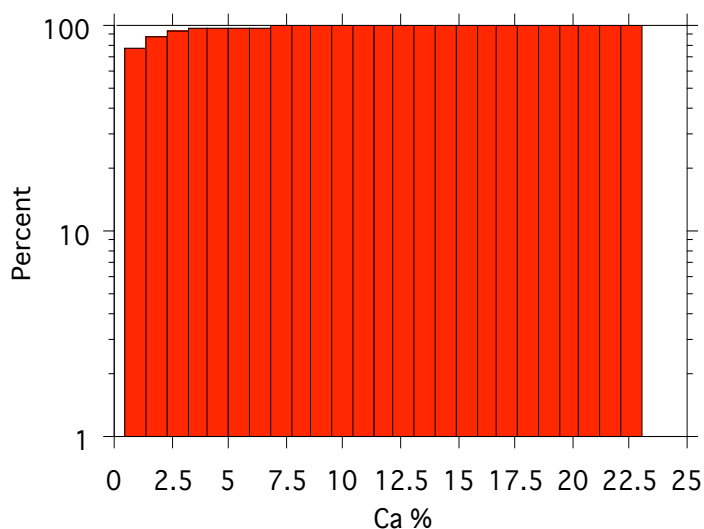
Percentiles

maximum	23
99th percentile	9
97th percentile	5
95th percentile	4
90th percentile	3
75th percentile	<1
50th percentile	<1
25th percentile	<1
10th percentile	<1
minimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CERIUM

Ce (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	3 ppm	

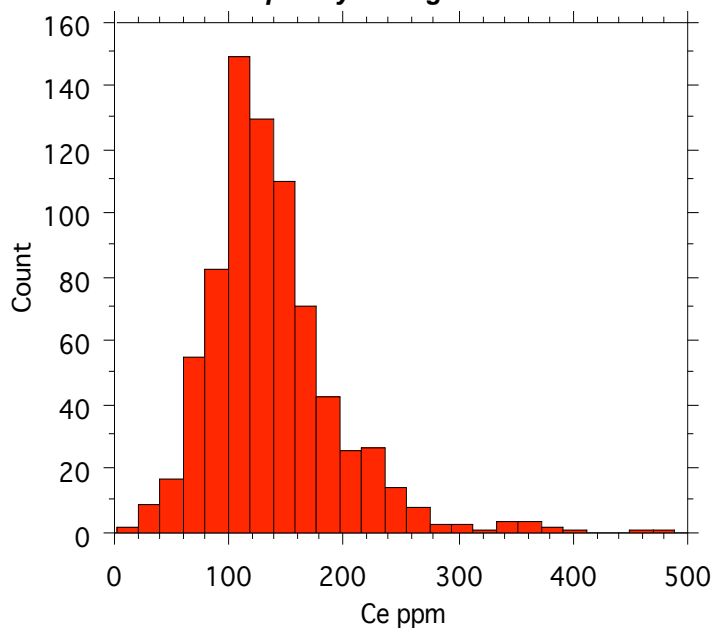
Descriptive Statistics

Count:	764
Mean:	137
Median:	128
Mode:	103
Standard deviation:	58.26
Variance:	3395.17
Coeff. var:	0.42
Skewness:	1.56
Kurtosis:	4.74

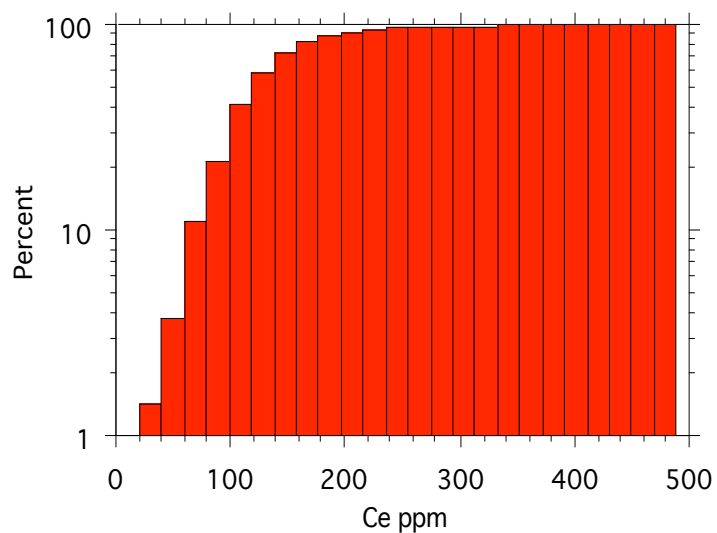
Percentiles

maximum	489
99th percentile	366
97th percentile	264
95th percentile	241
90th percentile	209
75th percentile	161
50th percentile	128
25th percentile	102
10th percentile	77
mimimum	<3

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

COBALT

Co (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

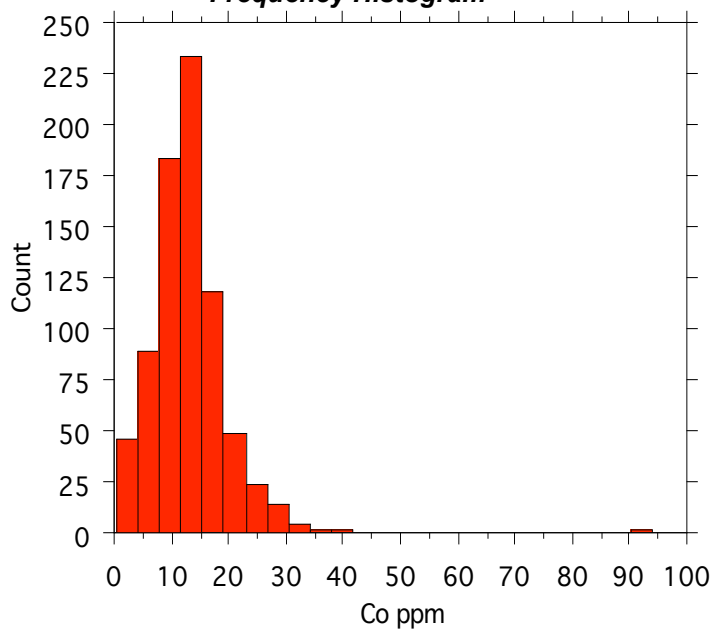
Descriptive Statistics

Count:	764
Mean:	13
Median:	13
Mode:	9
Standard deviation:	6.55
Variance:	42.91
Coeff. var:	0.50
Skewness:	2.92
Kurtosis:	30.29

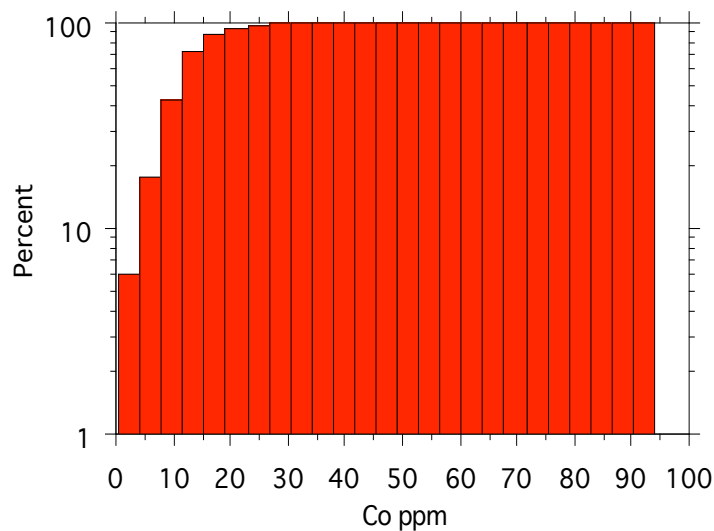
Percentiles

maximum	94
99th percentile	30
97th percentile	29
95th percentile	24
90th percentile	20
75th percentile	16
50th percentile	13
25th percentile	9
10th percentile	6
mimimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CHROMIUM

Cr (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

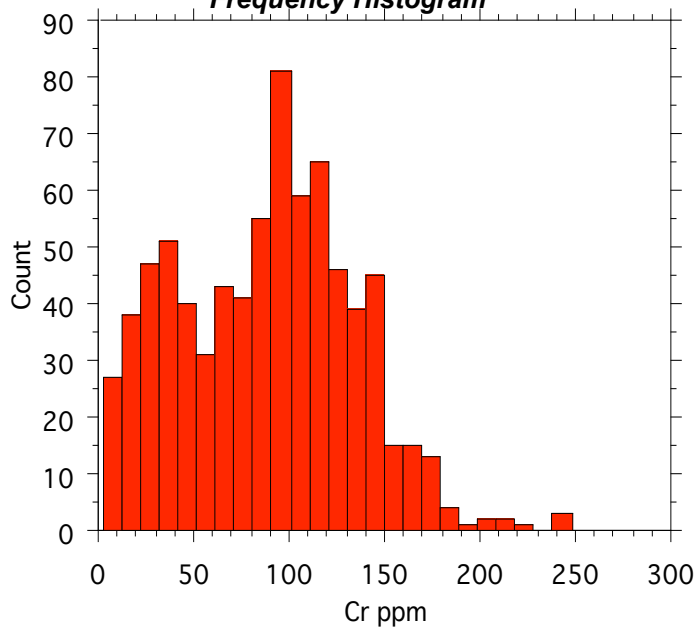
Descriptive Statistics

Count:	764
Mean:	88
Median:	92
Mode:	93
Standard deviation:	45.99
Variance:	2115.89
Coeff. var:	0.52
Skewness:	0.17
Kurtosis:	-0.35

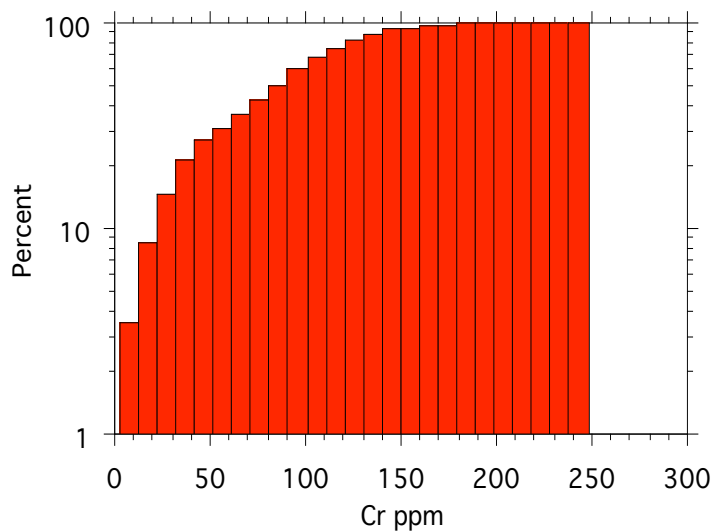
Percentiles

maximum	248
99th percentile	205
97th percentile	177
95th percentile	161
90th percentile	145
75th percentile	120
50th percentile	92
25th percentile	49
10th percentile	26
minimum	<5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

CESIUM

Cs (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

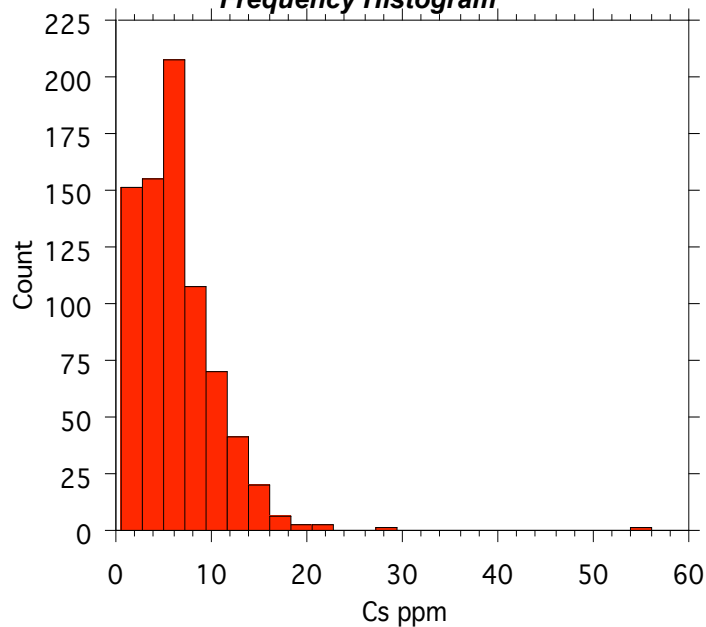
Descriptive Statistics

Count:	764
Mean:	6
Median:	6
Mode:	3
Standard deviation:	4.36
Variance:	19.06
Coeff. var:	0.71
Skewness:	2.60
Kurtosis:	22.40

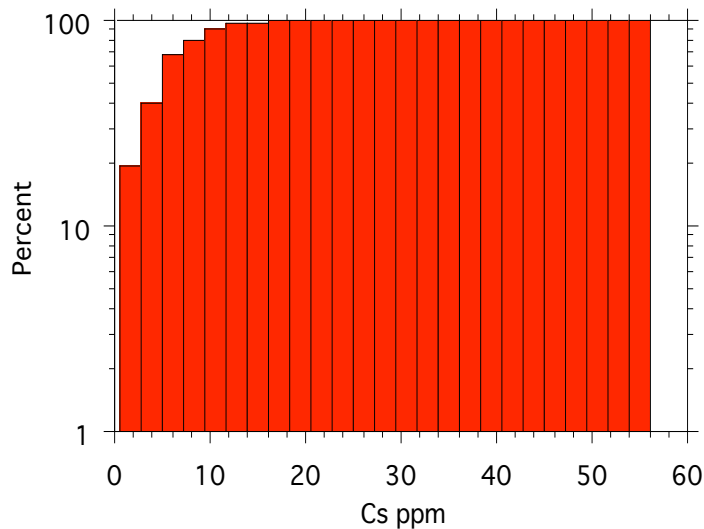
Percentiles

maximum	56
99th percentile	19
97th percentile	16
95th percentile	14
90th percentile	11
75th percentile	8
50th percentile	6
25th percentile	3
10th percentile	1
minimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

EUROPIUM

Eu (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	0.2 ppm	

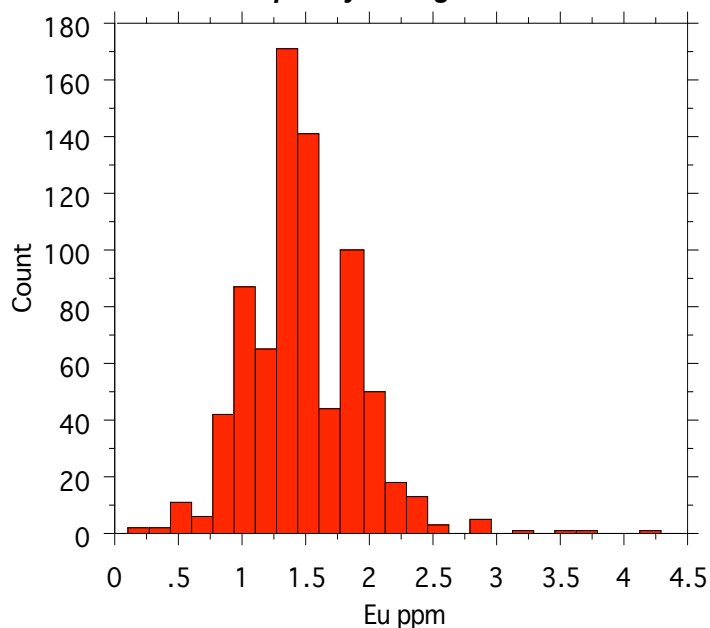
Descriptive Statistics

Count:	764
Mean:	1.4
Median:	1.4
Mode:	1.4
Standard deviation:	0.43
Variance:	0.18
Coeff. var:	0.29
Skewness:	0.85
Kurtosis:	3.85

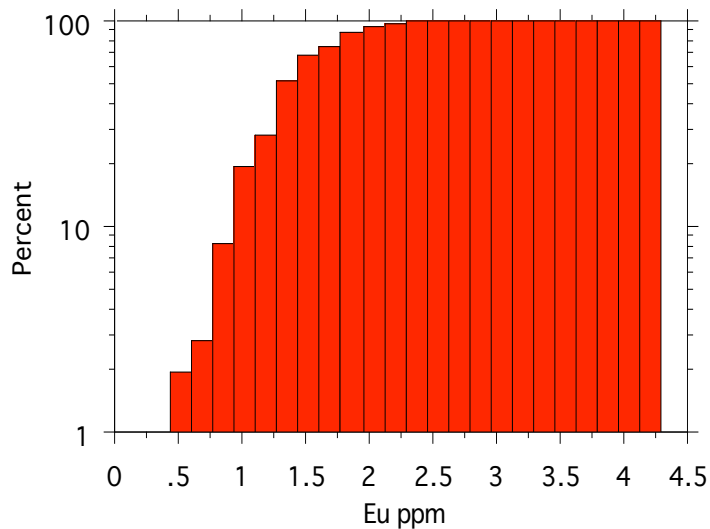
Percentiles

maximum	4.3
99th percentile	2.9
97th percentile	2.4
95th percentile	2.3
90th percentile	2.0
75th percentile	1.8
50th percentile	1.4
25th percentile	1.2
10th percentile	<0.2
mimimum	<0.2

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

IRON

Fe (%)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.01%

Sample preparation: Dry-sieved, <230 mesh screen

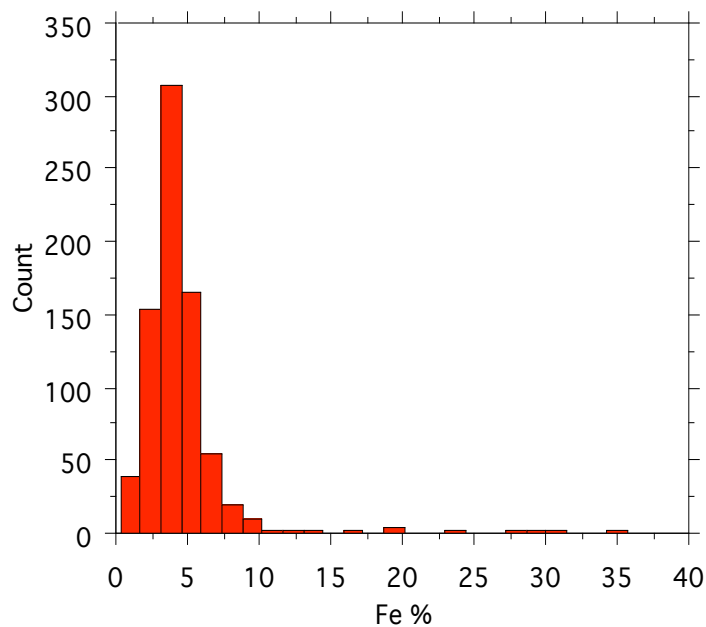
Descriptive Statistics

Count:	764
Mean:	4.50
Median:	4.00
Mode:	
Standard deviation:	3.17
Variance:	10.09
Coeff. var:	0.70
Skewness:	5.60
Kurtosis:	42.56

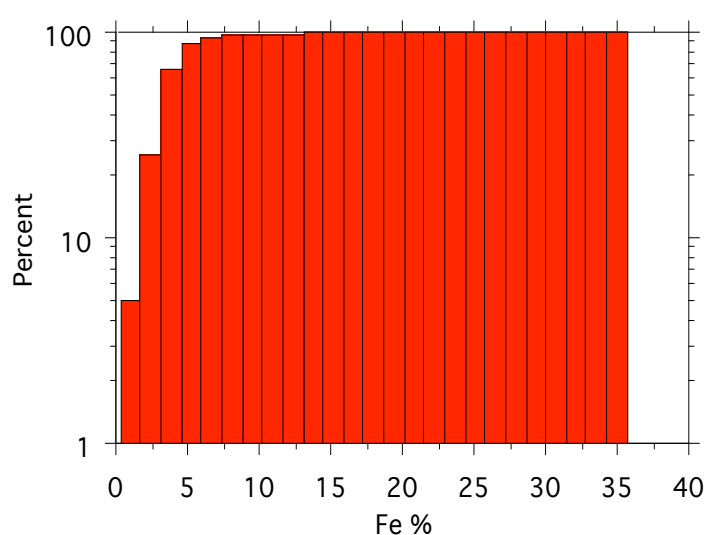
Percentiles

maximum	35.70
99th percentile	19.70
97th percentile	11.40
95th percentile	7.64
90th percentile	6.30
75th percentile	5.07
50th percentile	4.00
25th percentile	3.14
10th percentile	2.27
minimum	0.92

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

HAFNIUM

Hf (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

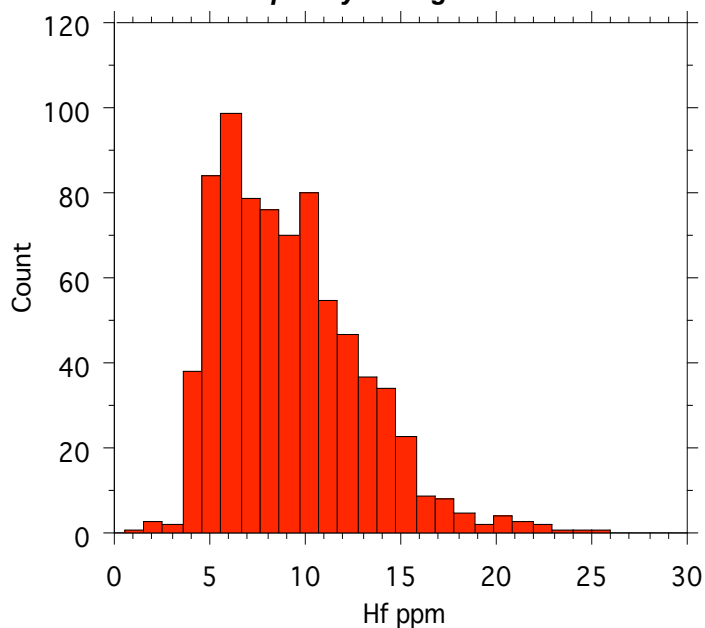
Descriptive Statistics

Count:	764
Mean:	9
Median:	8
Mode:	6
Standard deviation:	3.68
Variance:	13.60
Coeff. var:	0.40
Skewness:	0.92
Kurtosis:	1.15

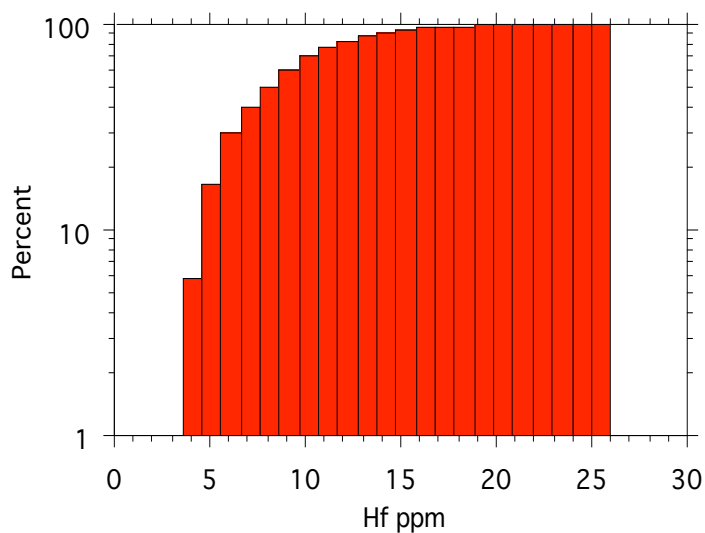
Percentiles

maximum	26
99th percentile	21
97th percentile	18
95th percentile	16
90th percentile	14
75th percentile	11
50th percentile	8
25th percentile	6
10th percentile	5
minimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

LANTHANUM

La (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

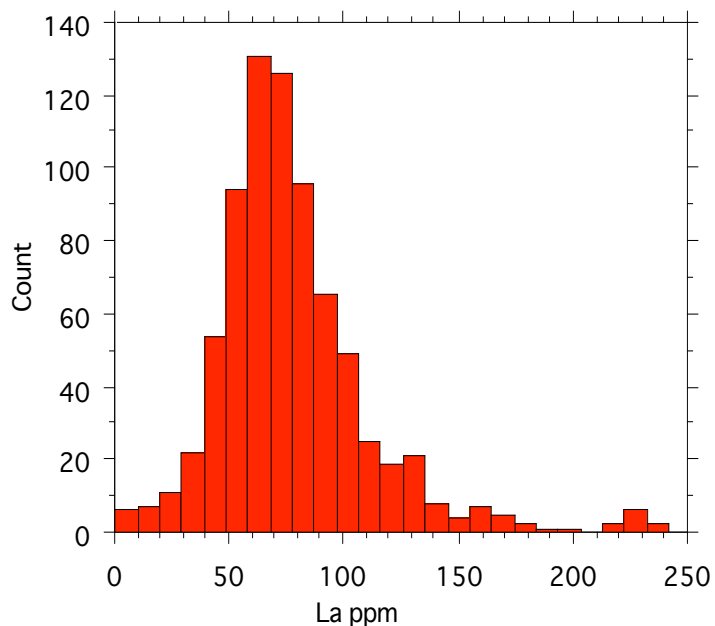
Descriptive Statistics

Count: 764
Mean: 77.8
Median: 72.9
Mode: 102.0
Standard deviation: 33.43
Variance: 1117.75
Coeff. var: 0.43
Skewness: 1.55
Kurtosis: 4.76

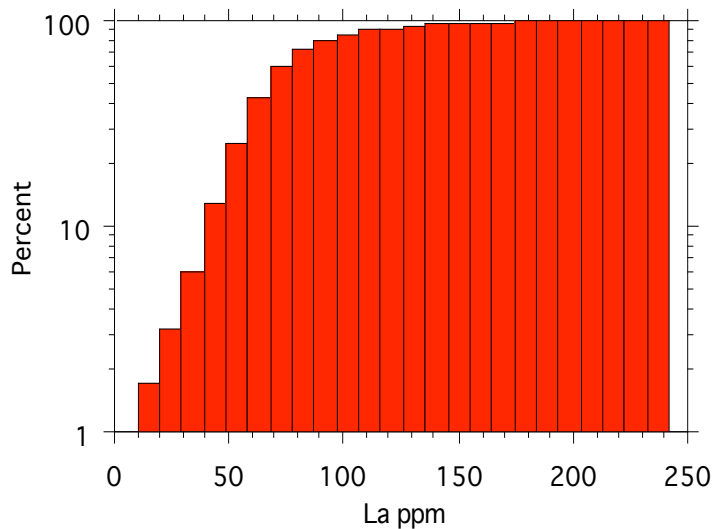
Percentiles

maximum 242.0
99th percentile 223.0
97th percentile 157.0
95th percentile 135.0
90th percentile 118.0
75th percentile 90.1
50th percentile 72.9
25th percentile 58.1
10th percentile 46.1
mimimum 0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

LUTETIUM

Lu (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.05 ppm

Sample preparation: Dry-sieved, <230 mesh screen

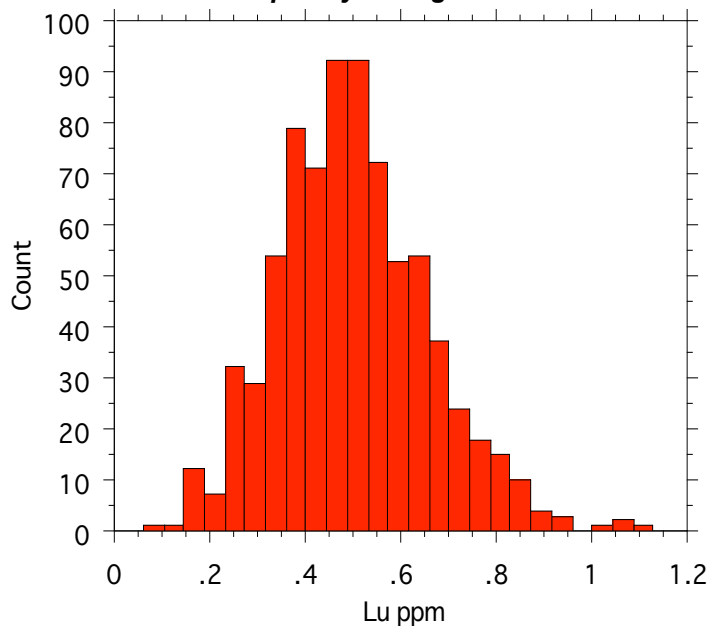
Descriptive Statistics

Count:	764
Mean:	0.50
Median:	0.49
Mode:	0.46
Standard deviation:	0.15
Variance:	0.02
Coeff. var:	0.31
Skewness:	0.42
Kurtosis:	0.45

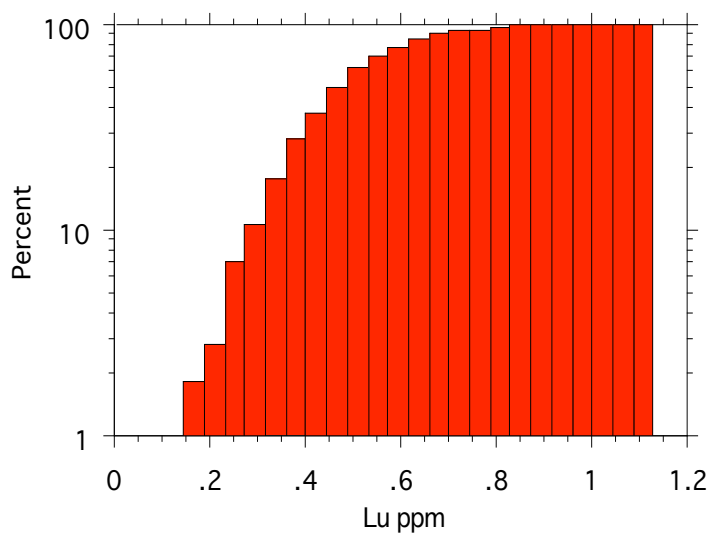
Percentiles

maximum	1.13
99th percentile	0.91
97th percentile	0.83
95th percentile	0.79
90th percentile	0.71
75th percentile	0.60
50th percentile	0.49
25th percentile	0.40
10th percentile	0.31
mimumum	0.06

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

MOLYBDENUM

Mo (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

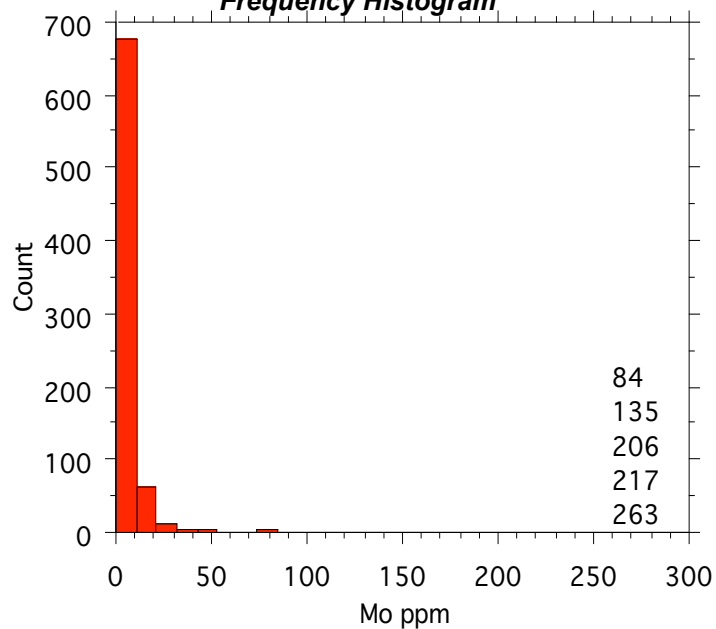
Descriptive Statistics

Count:	764
Mean:	6
Median:	0.5
Mode:	0.5
Standard deviation:	16.88
Variance:	284.93
Coeff. var:	2.89
Skewness:	10.45
Kurtosis:	132.04

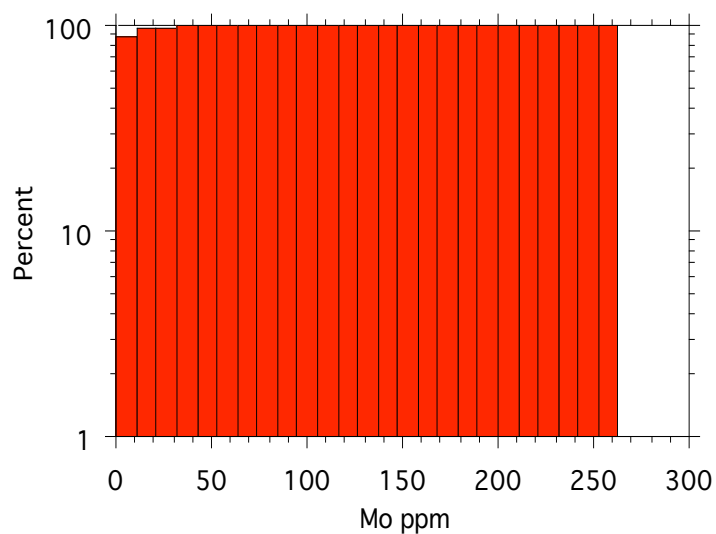
Percentiles

maximum	263
99th percentile	59
97th percentile	23
95th percentile	18
90th percentile	11
75th percentile	7
50th percentile	<1
25th percentile	<1
10th percentile	<1
mimimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SODIUM

Na (%)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	0.01%	

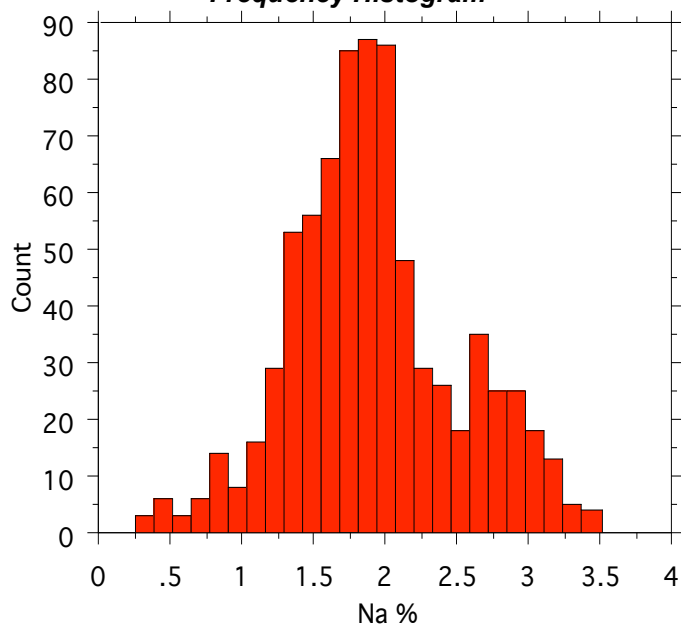
Descriptive Statistics

Count:	764
Mean:	1.92
Median:	1.87
Mode:	2.04
Standard deviation:	0.58
Variance:	0.34
Coeff. var:	0.36
Skewness:	0.22
Kurtosis:	0.02

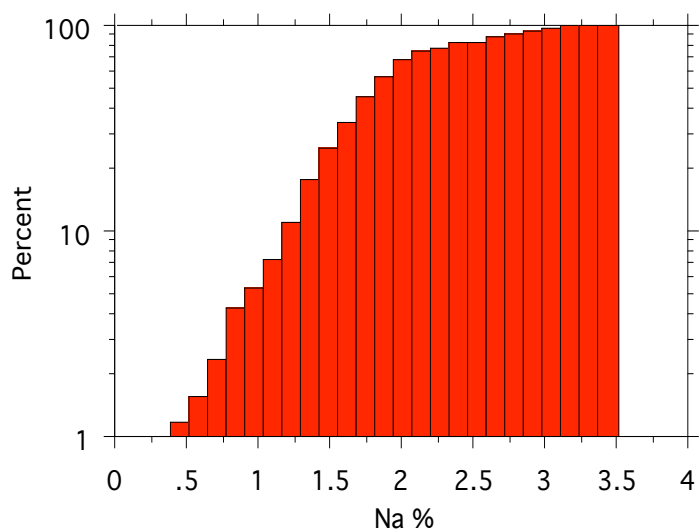
Percentiles

maximum	3.51
99th percentile	3.26
97th percentile	3.12
95th percentile	3.00
90th percentile	2.80
75th percentile	2.22
50th percentile	1.87
25th percentile	1.55
10th percentile	1.27
minimum	0.25

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

NEODYMIUM

Nd (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

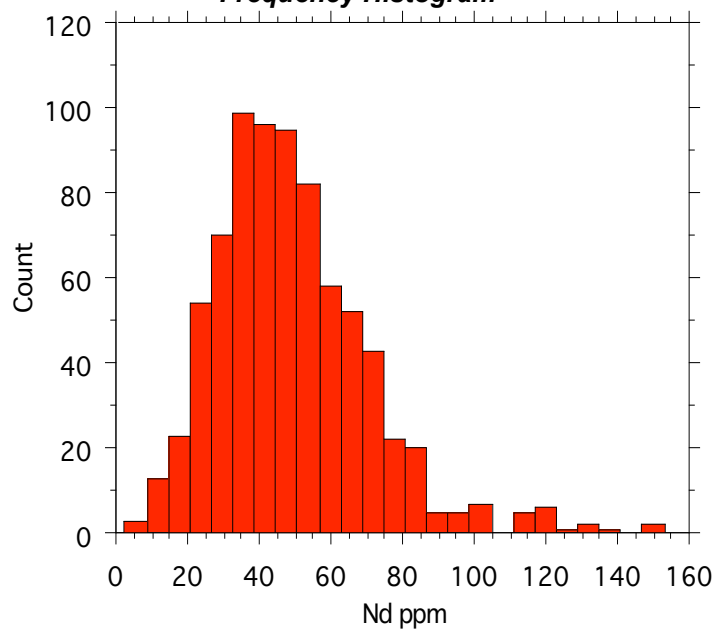
Descriptive Statistics

Count:	764
Mean:	48
Median:	46
Mode:	40
Standard deviation:	21.51
Variance:	462.69
Coeff. var:	0.44
Skewness:	1.13
Kurtosis:	2.47

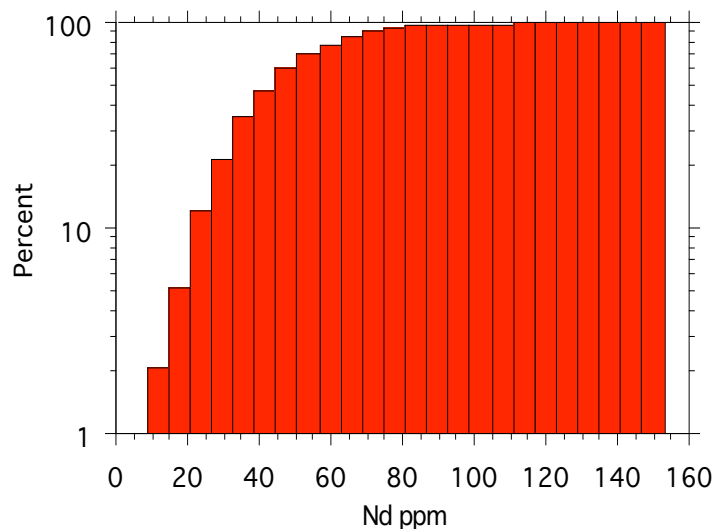
Percentiles

maximum	153
99th percentile	121
97th percentile	100
95th percentile	86
90th percentile	74
75th percentile	60
50th percentile	46
25th percentile	34
10th percentile	25
mimumum	<5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

RUBIDIUM

Rb (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	15 ppm	

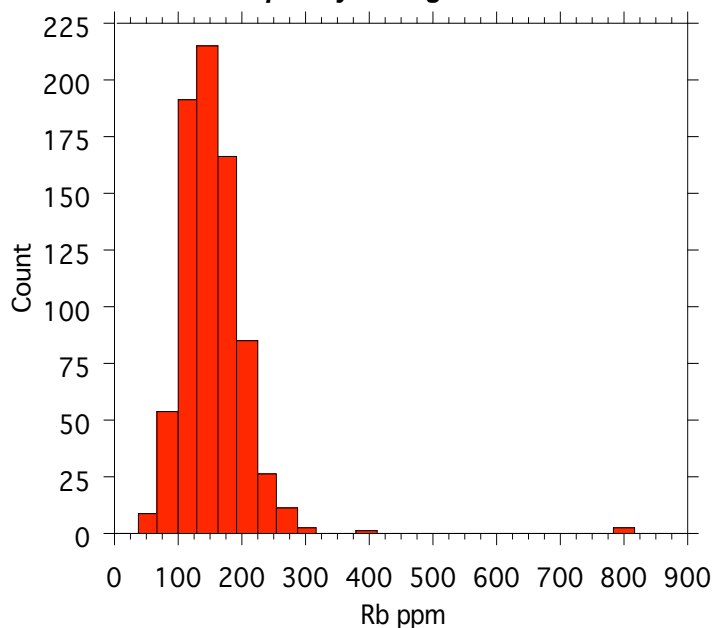
Descriptive Statistics

Count:	764
Mean:	154
Median:	148.0
Mode:	
Standard deviation:	59.70
Variance:	3564.84
Coeff. var:	0.38
Skewness:	5.50
Kurtosis:	57.04

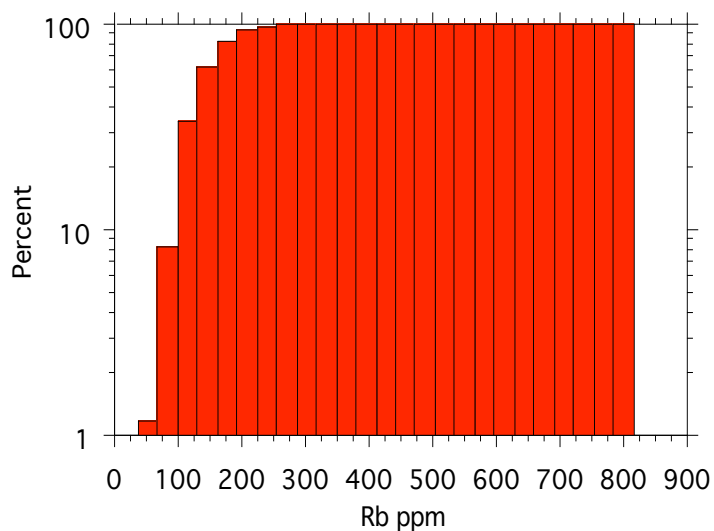
Percentiles

maximum	815
99th percentile	283
97th percentile	242
95th percentile	227
90th percentile	210
75th percentile	178
50th percentile	148
25th percentile	122
10th percentile	102
minimum	37

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ANTIMONY

Sb (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

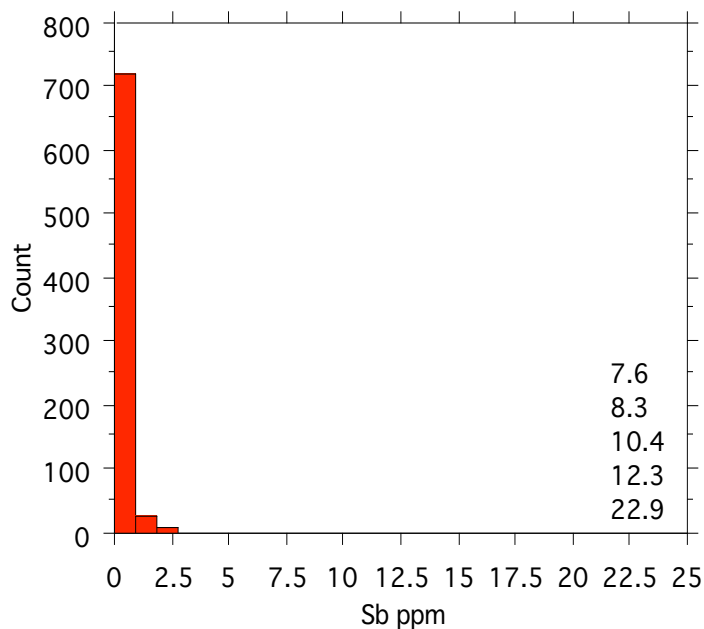
Descriptive Statistics

Count:	764
Mean:	0.4
Median:	0.1
Mode:	0.1
Standard deviation:	1.20
Variance:	1.45
Coeff. var:	3.38
Skewness:	11.80
Kurtosis:	182.40

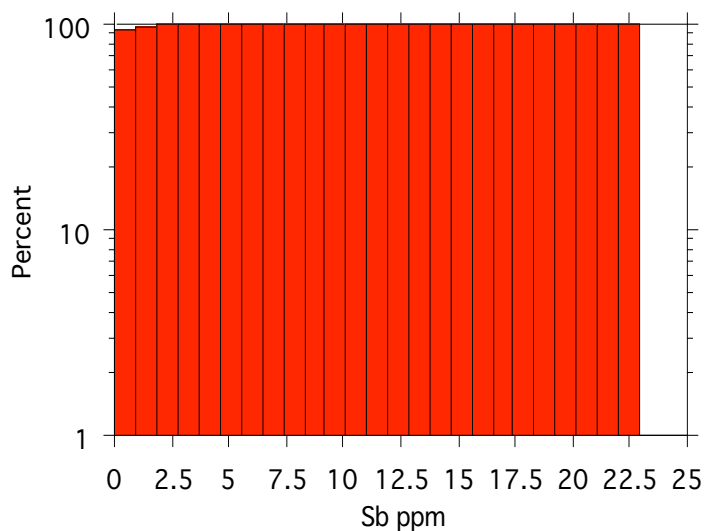
Percentiles

maximum	22.9
99th percentile	4.8
97th percentile	1.6
95th percentile	1.2
90th percentile	0.7
75th percentile	0.3
50th percentile	<0.1
25th percentile	<0.1
10th percentile	<0.1
minimum	<0.1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SCANDIUM

Sc (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

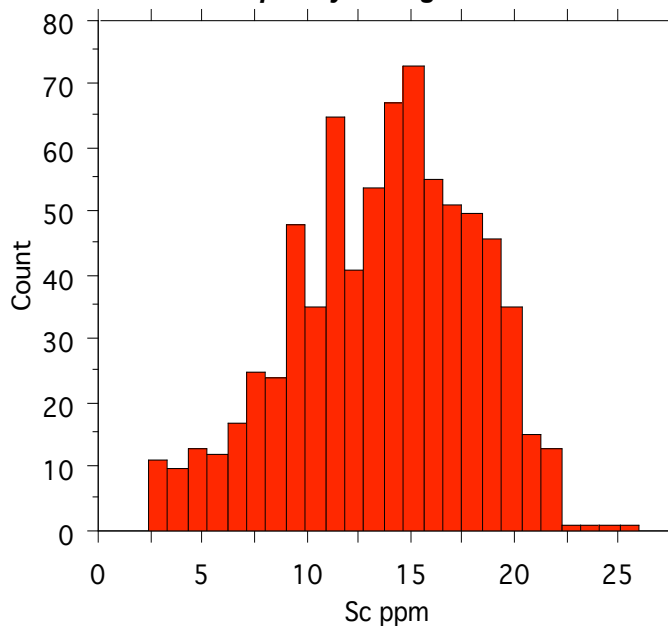
Descriptive Statistics

Count: 764
Mean: 13.6
Median: 14.1
Mode: 13.7
Standard deviation: 4.39
Variance: 19.32
Coeff. var: 0.32
Skewness: -0.31
Kurtosis: -0.31

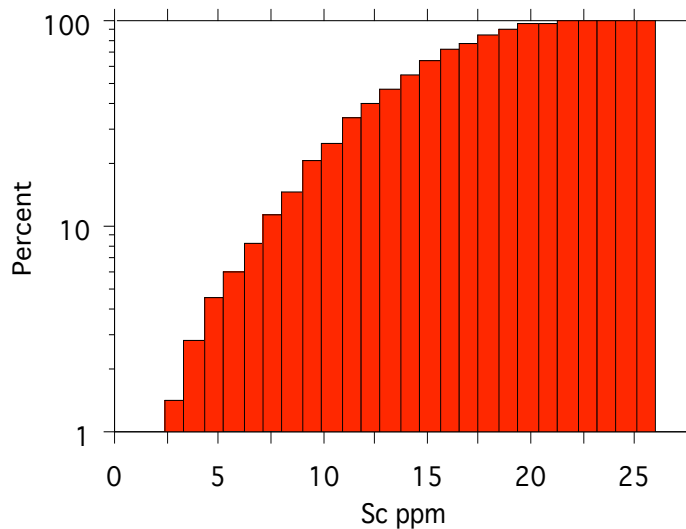
Percentiles

maximum 26.0
99th percentile 22.2
97th percentile 20.8
95th percentile 20.3
90th percentile 19.1
75th percentile 16.9
50th percentile 14.1
25th percentile 10.7
10th percentile 7.6
mimumum 2.4

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SELENIUM

Se (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	3 ppm	

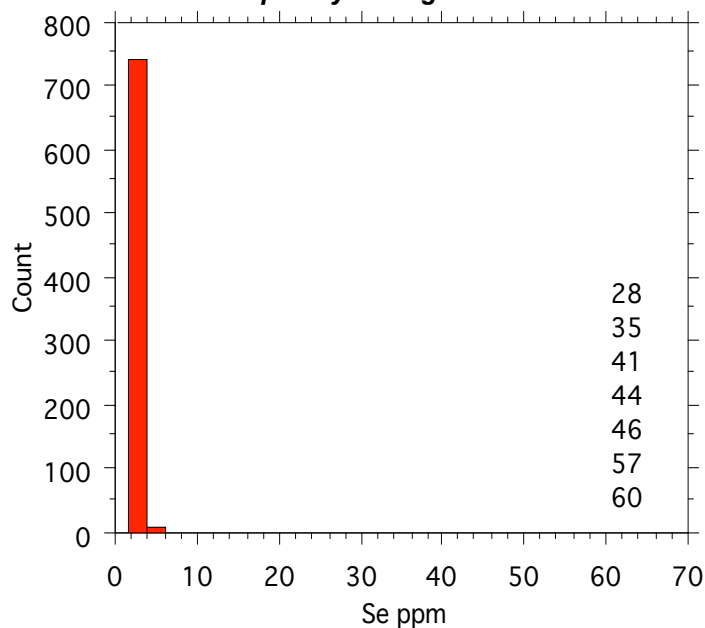
Descriptive Statistics

Count:	764
Mean:	2
Median:	2
Mode:	2
Standard deviation:	4.35
Variance:	18.99
Coeff. var:	2.14
Skewness:	10.22
Kurtosis:	111.23

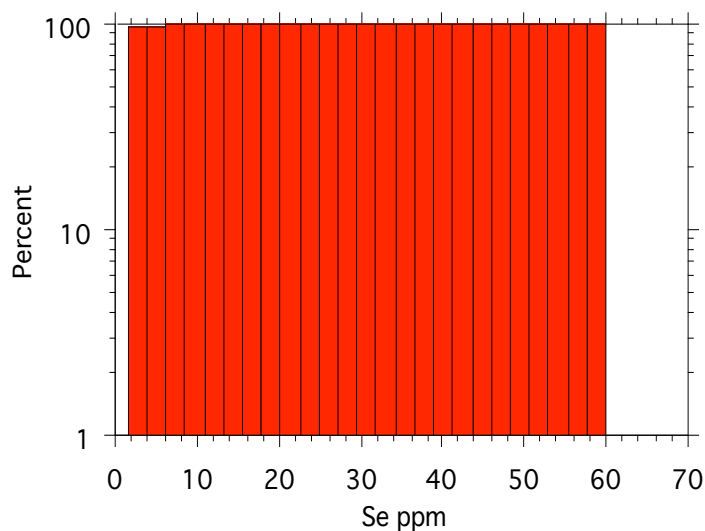
Percentiles

maximum	60
99th percentile	20
97th percentile	4
95th percentile	<3
90th percentile	<3
75th percentile	<3
50th percentile	<3
25th percentile	<3
10th percentile	<3
minimum	<3

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

SAMARIUM

Sm (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	0.1 ppm	

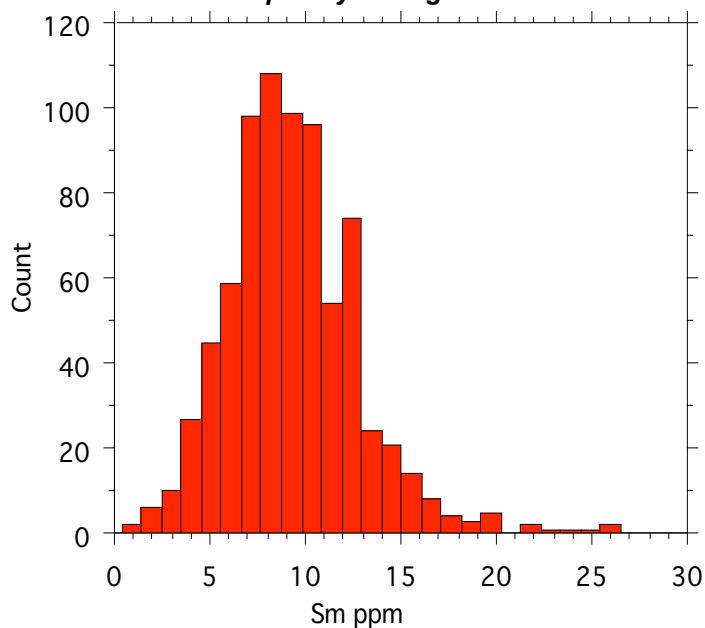
Descriptive Statistics

Count:	764
Mean:	9.3
Median:	9.1
Mode:	9.3
Standard deviation:	3.46
Variance:	12.03
Coeff. var:	0.37
Skewness:	0.96
Kurtosis:	2.61

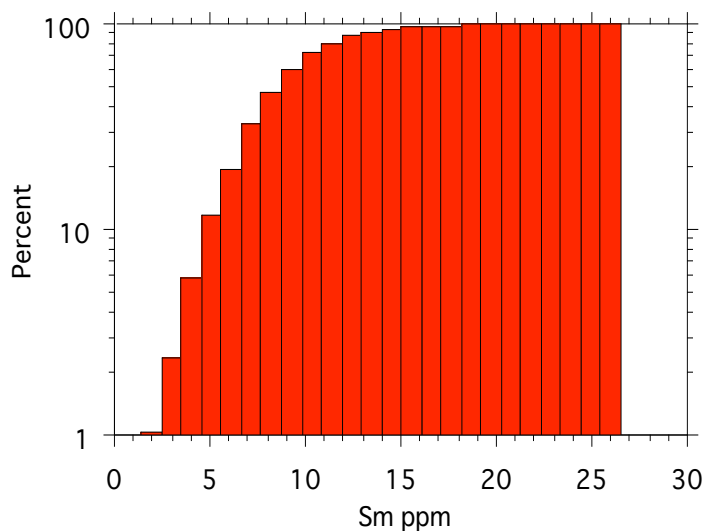
Percentiles

maximum	26.5
99th percentile	20.1
97th percentile	16.8
95th percentile	15.5
90th percentile	13.3
75th percentile	11.3
50th percentile	9.1
25th percentile	7.2
10th percentile	5.4
minimum	0.4

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

TANTALUM

Ta (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

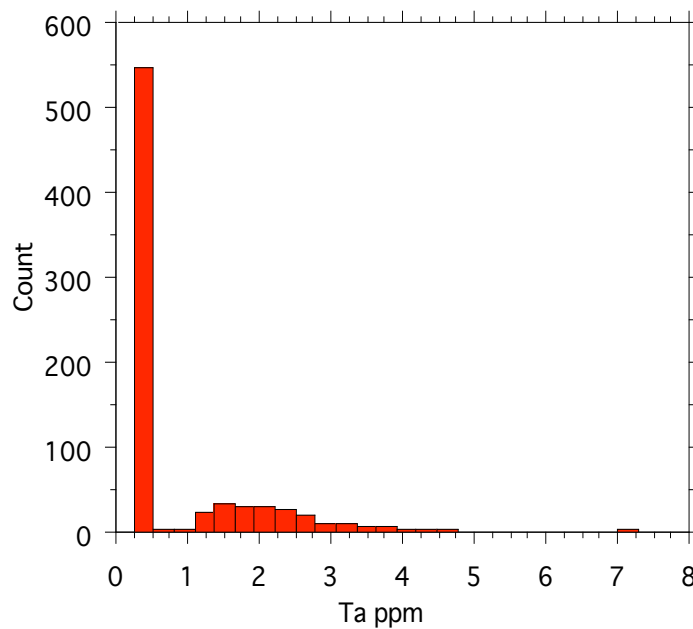
Descriptive Statistics

Count:	764
Mean:	0.8
Median:	0.3
Mode:	0.3
Standard deviation:	1.06
Variance:	1.12
Coeff. var:	1.28
Skewness:	2.10
Kurtosis:	5.26

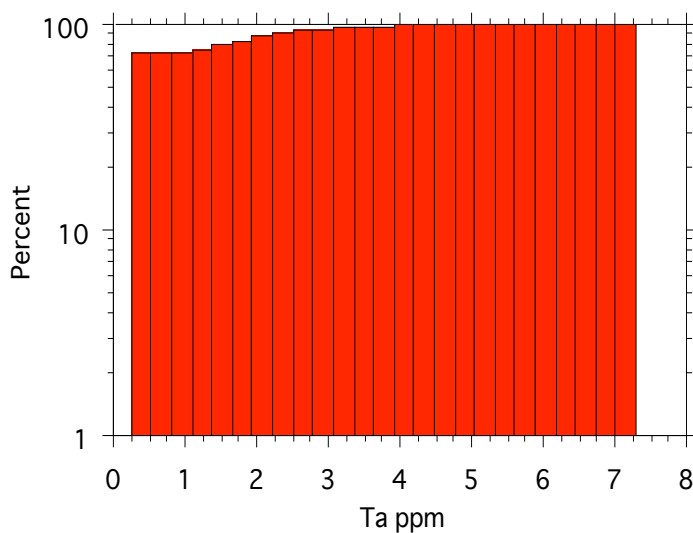
Percentiles

maximum	7.3
99th percentile	4.4
97th percentile	3.6
95th percentile	3.1
90th percentile	2.5
75th percentile	1.3
50th percentile	<0.5
25th percentile	<0.5
10th percentile	<0.5
mimimum	<0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

TERBIUM

Tb (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	0.5 ppm	

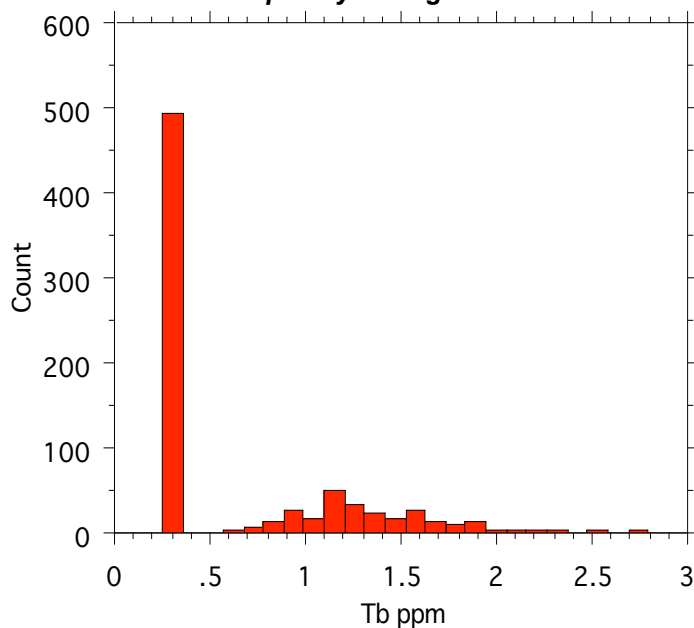
Descriptive Statistics

Count:	764
Mean:	0.6
Median:	0.25
Mode:	0.25
Standard deviation:	0.57
Variance:	0.33
Coeff. var:	0.90
Skewness:	1.23
Kurtosis:	0.45

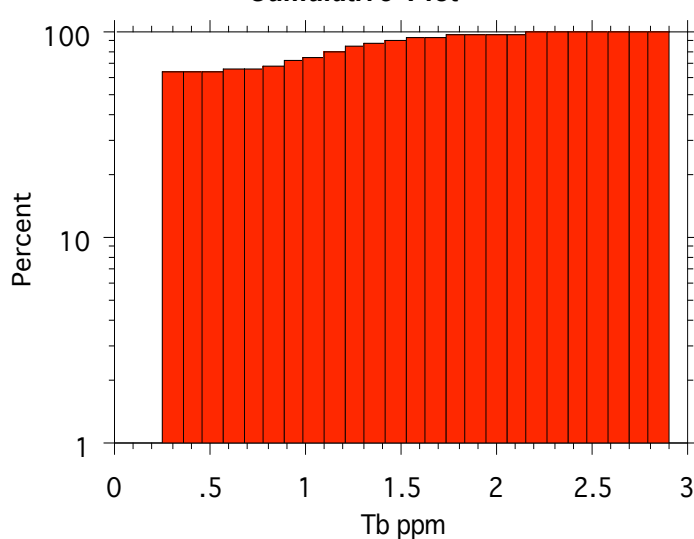
Percentiles

maximum	2.9
99th percentile	2.4
97th percentile	2.0
95th percentile	1.8
90th percentile	1.6
75th percentile	1.1
50th percentile	<0.5
25th percentile	<0.5
10th percentile	<0.5
minimum	<0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

THORIUM

Th (ppm)

Fraction:	<0.063 mm	Sample preparation: Dry-sieved, <230 mesh screen
Method:	INAA	
Detection limit:	0.2 ppm	

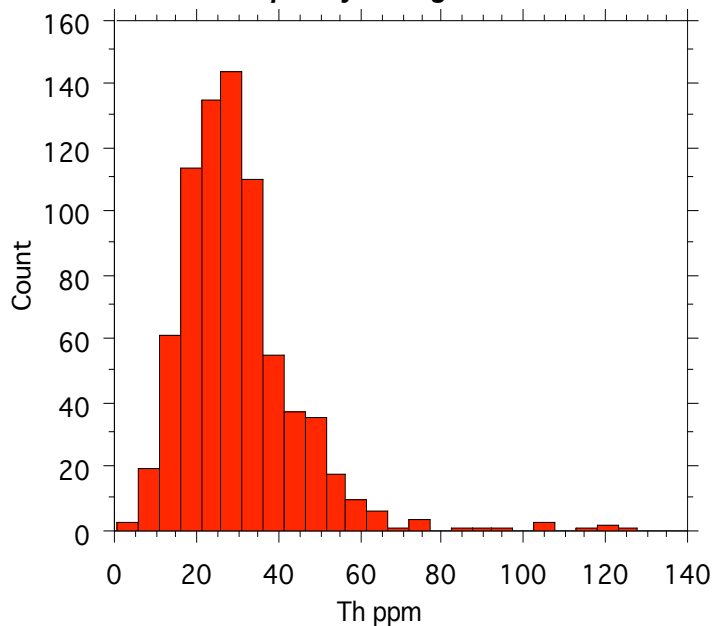
Descriptive Statistics

Count:	764
Mean:	30.1
Median:	27.8
Mode:	31.7
Standard deviation:	14.84
Variance:	220.22
Coeff. var:	0.49
Skewness:	2.25
Kurtosis:	9.47

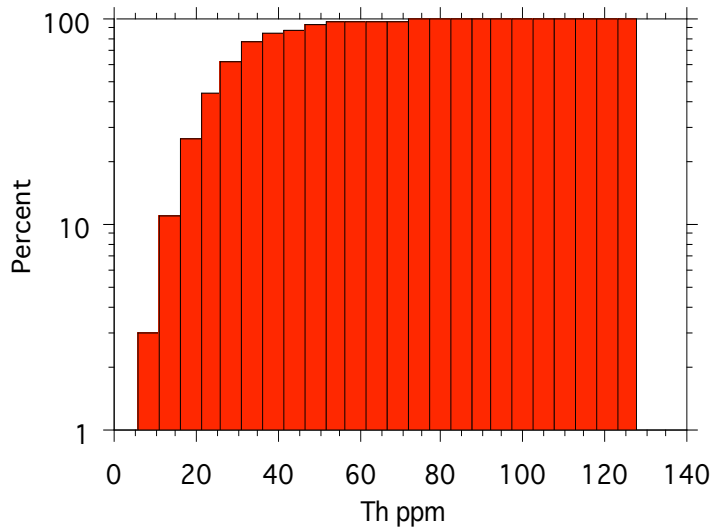
Percentiles

maximum	128.0
99th percentile	92.9
97th percentile	66.2
95th percentile	53.6
90th percentile	47.1
75th percentile	35.5
50th percentile	27.8
25th percentile	20.5
10th percentile	15.6
minimum	0.7

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

URANIUM

U (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.5 ppm

Sample preparation: Dry-sieved, <230 mesh screen

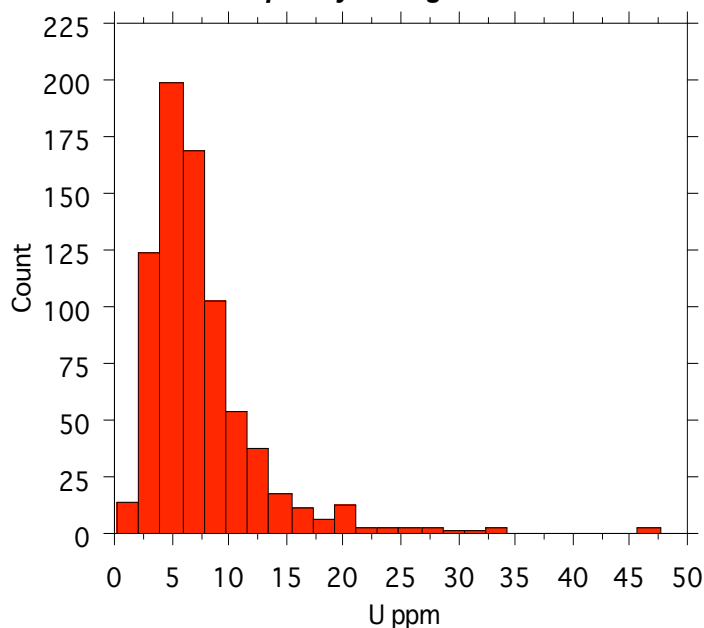
Descriptive Statistics

Count:	764
Mean:	7.5
Median:	6.5
Mode:	4.6
Standard deviation:	4.99
Variance:	24.92
Coeff. var:	0.65
Skewness:	2.80
Kurtosis:	13.39

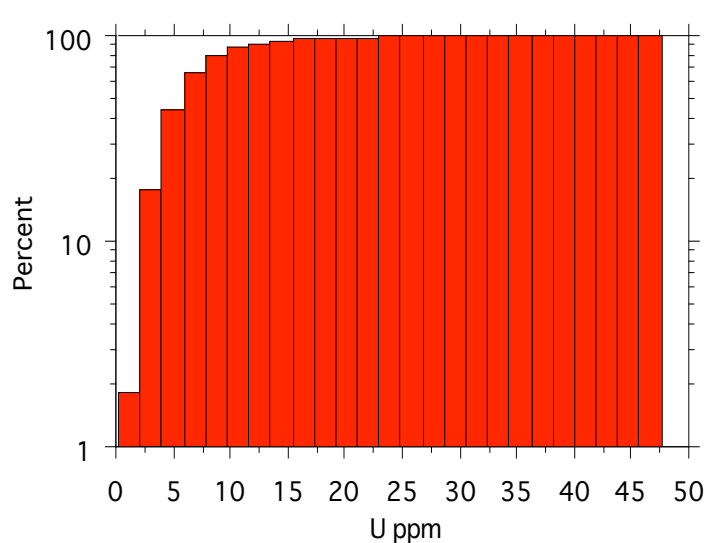
Percentiles

maximum	47.6
99th percentile	27.3
97th percentile	20.4
95th percentile	16.8
90th percentile	13.0
75th percentile	9.0
50th percentile	6.5
25th percentile	4.5
10th percentile	3.3
minimum	<0.5

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

TUNGSTEN

W (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 1 ppm

Sample preparation: Dry-sieved, <230 mesh screen

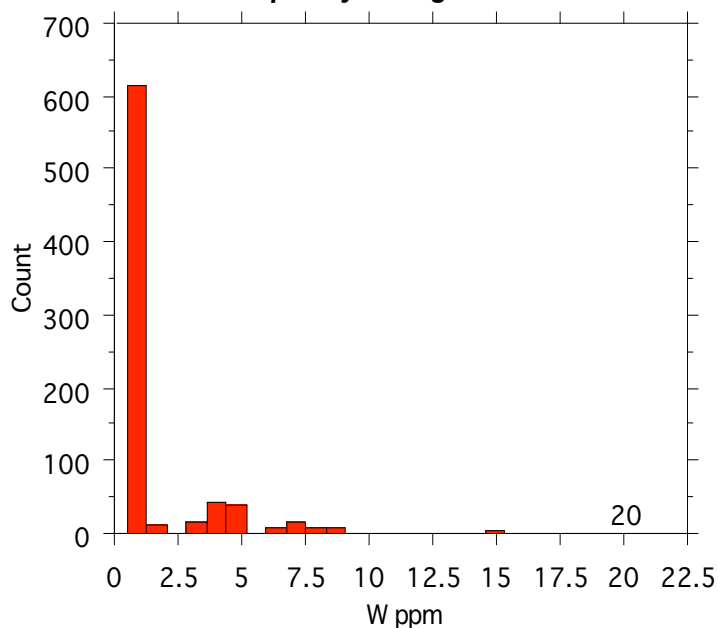
Descriptive Statistics

Count:	764
Mean:	1
Median:	0.5
Mode:	0.5
Standard deviation:	2.18
Variance:	4.76
Coeff. var:	1.54
Skewness:	3.09
Kurtosis:	13.11

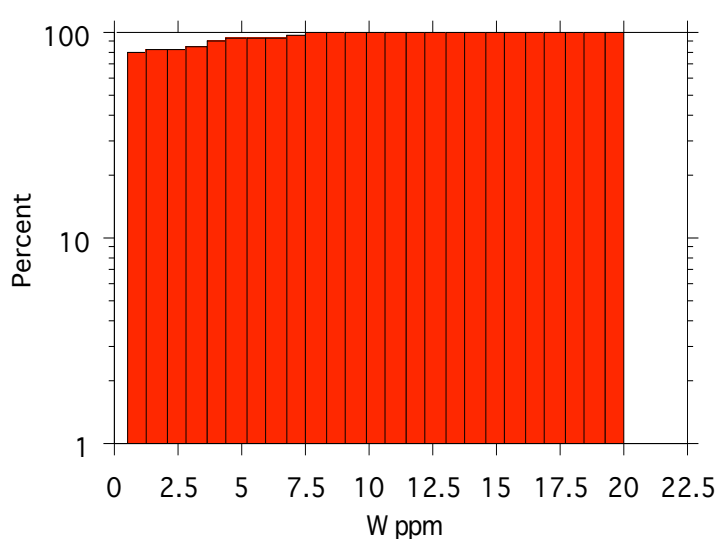
Percentiles

maximum	20
99th percentile	11
97th percentile	8
95th percentile	7
90th percentile	5
75th percentile	<1
50th percentile	<1
25th percentile	<1
10th percentile	<1
mimimum	<1

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

YTTERBIUM

Yb (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 0.2 ppm

Sample preparation: Dry-sieved, <230 mesh screen

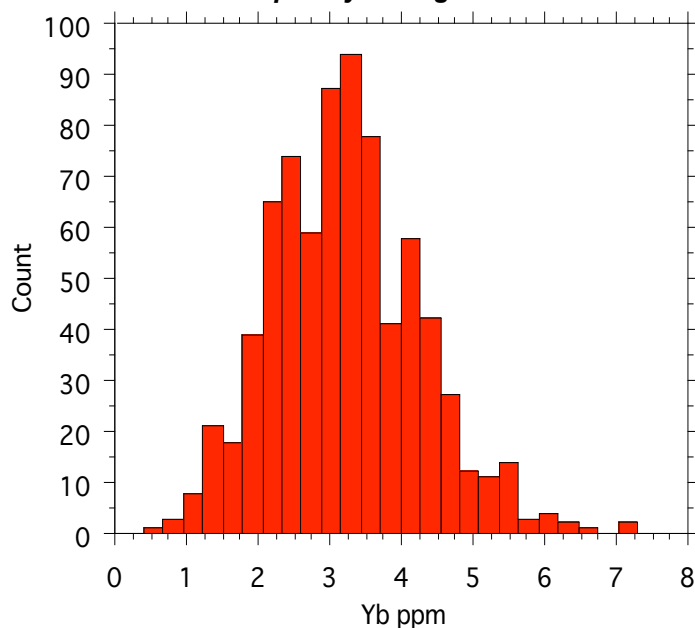
Descriptive Statistics

Count:	764
Mean:	3.2
Median:	3.2
Mode:	3.2
Standard deviation:	1.01
Variance:	1.06
Coeff. var:	0.32
Skewness:	0.40
Kurtosis:	0.39

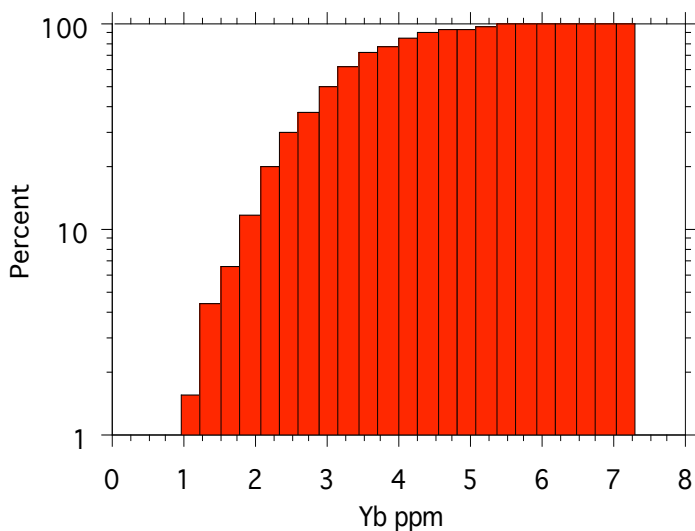
Percentiles

maximum	7.3
99th percentile	6.1
97th percentile	5.4
95th percentile	5.1
90th percentile	4.5
75th percentile	3.9
50th percentile	3.2
25th percentile	2.5
10th percentile	1.9
minimum	0.4

Frequency Histogram



Cumulative Plot



Till geochemistry, Central Baffin Island (NTS 27B, 27C, 37A, 37D)

ZINC

Zn (ppm)

Fraction: <0.063 mm
Method: INAA
Detection limit: 50 ppm

Sample preparation: Dry-sieved, <230 mesh screen

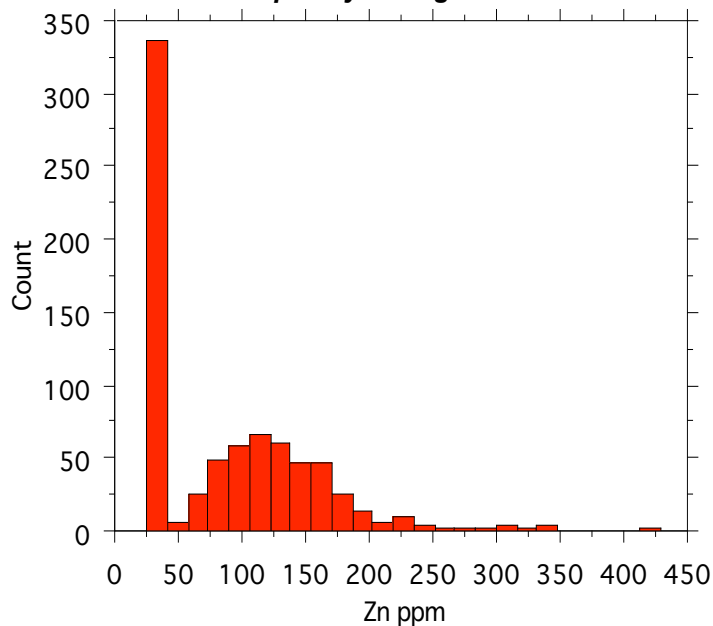
Descriptive Statistics

Count:	764
Mean:	85
Median:	85
Mode:	
Standard deviation:	66.76
Variance:	4457.71
Coeff. var:	0.78
Skewness:	1.15
Kurtosis:	1.19

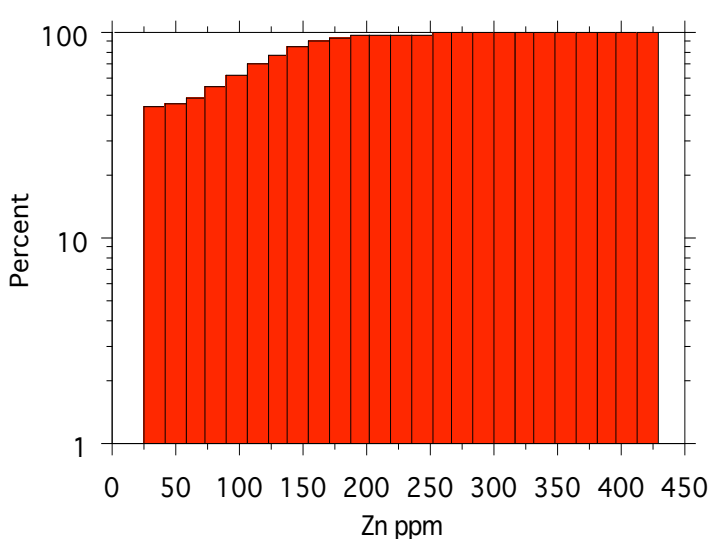
Percentiles

maximum	429
99th percentile	310
97th percentile	22
95th percentile	195
90th percentile	169
75th percentile	130
50th percentile	78
25th percentile	<50
10th percentile	<50
minimum	<50

Frequency Histogram



Cumulative Plot



Appendix VII: Analysis of standards

Appendix VII - Standards -ICP

QAQC Accuracy - Standards for ICP-AES analyses

Standard	Analytical Method	Decomposition			Type	Certified	2.00							
TCA8010	ICP-ES	Aqua regia				Provisional	(2.00)							
						Informational	2.00							
					Expected	<0.2	0.92	7	na	30	<0.5	<2	0.42	
						0.2-100	0.01-15	2-10000	10-10000	10-10000	0.5-100	2-10000	0.01-15	
						ppm	wt%	ppm	ppm	ppm	ppm	ppm	ppm	
						Ag	Al	As	B	Ba	Be	Bi	Ca	
Company	Report No	Date	Sample code	Geologist	Sample No									
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0105	<0.2	0.71	6	<10	30	<0.5	<2	0.3	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0110	<0.2	0.74	2	<10	30	<0.5	<2	0.31	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0112	<0.2	0.7	<2	<10	20	<0.5	<2	0.3	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0114	<0.2	0.68	<2	<10	20	<0.5	<2	0.28	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0116	<0.2	0.72	<2	<10	20	<0.5	<2	0.3	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0126	<0.2	0.7	<2	<10	20	<0.5	<2	0.28	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0130	<0.2	0.7	4	<10	20	<0.5	<2	0.29	
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0136	<0.2	0.71	<2	<10	20	<0.5	<2	0.3	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0052	<0.2	0.64	6	<10	20	<0.5	<2	0.33	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0060	<0.2	0.66	6	<10	20	<0.5	<2	0.34	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0066	<0.2	0.65	6	<10	20	<0.5	<2	0.34	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0070	<0.2	0.65	5	<10	20	<0.5	<2	0.34	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0076	<0.2	0.64	6	<10	20	<0.5	<2	0.33	
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0080	<0.2	0.65	5	<10	20	<0.5	<2	0.33	
					N	14	14	14	14	14	14	14	14	
					Total Mean	0.1	0.68	5	5	21	0.25	1	0.31	
					Std	0.0	0.03	1	0	3	0.00	0	0.02	

Standard	Analytical Method	Decomposition	Type					Certified	2.00						
TILL 2	ICP-ES	Aqua regia						Provisional	(2.00)						
								Informational	2.00						
			Expected					(0.2)	na	(22)	na	(95)	na	(4)	na
								0.2-100	0.01-15	2-10000	10-10000	10-10000	0.5-100	2-10000	0.01-15
								ppm	wt%	ppm	ppm	ppm	ppm	ppm	wt%
								Ag	Al	As	B	Ba	Be	Bi	Ca
Company	Report No	Date	Sample code	Geologist	Sample No										
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0141	<0.2	2.68	16	<10	90	1.5	2	0.12		
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0062	<0.2	2.4	23	<10	80	1.3	3	0.13		
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0072	<0.2	2.42	23	<10	80	1.3	3	0.14		
						N	3	3	3	3	3	3	3		
						Total Mean	0.1	2.49	21	5	83	1.4	3	0.13	
						Std	0.0	0.15	4	0	6	0.1	1	0.00	

Appendix VII - Standards -ICP

Standard TCA8010

	<0.5 0.5-500 ppm Cd	7 1-10000 ppm Co	24 1-10000 ppm Cr	28 1-10000 ppm Cu	1.59 0.01-15 wt% Fe	<10 10-10000 ppm Ga	30 1-10000 ppm Hg	0.06 0.01-10 wt% K	12 10-10000 ppm La	0.4 0.01-15 wt% Mg	217 5-10000 ppm Mn	<1 1-10000 ppm Mo	0.02 0.01-10 wt% Na	15 1-10000 ppm Ni	479 10-10000 ppm P	3 2-10000 ppm Pb
Company																
CHEMEX	<0.5	7	20	28	1.27	<10	<1	0.03	<10	0.31	180	<1	<0.01	14	520	<2
CHEMEX	<0.5	7	21	28	1.35	<10	<1	0.04	<10	0.32	185	<1	<0.01	14	570	2
CHEMEX	<0.5	6	20	27	1.26	<10	<1	0.03	<10	0.31	175	<1	<0.01	14	540	<2
CHEMEX	<0.5	6	20	26	1.21	<10	<1	0.03	<10	0.3	170	<1	<0.01	13	500	2
CHEMEX	<0.5	7	21	27	1.27	<10	<1	0.04	<10	0.32	180	<1	<0.01	14	530	<2
CHEMEX	<0.5	6	20	27	1.22	<10	<1	0.04	<10	0.31	170	<1	<0.01	13	500	2
CHEMEX	<0.5	7	20	27	1.24	<10	<1	0.04	<10	0.31	175	<1	<0.01	13	530	2
CHEMEX	<0.5	7	20	27	1.26	<10	<1	0.04	<10	0.32	175	<1	<0.01	14	530	<2
CHEMEX	<0.5	5	18	26	1.27	<10	<1	0.03	10	0.29	171	1	0.01	13	500	2
CHEMEX	<0.5	6	19	27	1.28	<10	<1	0.03	10	0.31	179	1	0.01	14	510	4
CHEMEX	<0.5	6	18	26	1.29	<10	<1	0.03	10	0.3	175	1	0.01	14	500	4
CHEMEX	<0.5	6	18	26	1.29	<10	<1	0.03	10	0.3	177	1	0.01	13	500	3
CHEMEX	<0.5	6	18	26	1.27	<10	<1	0.03	10	0.3	175	1	0.01	13	480	3
CHEMEX	<0.5	5	18	26	1.3	<10	<1	0.03	10	0.3	174	1	0.01	14	490	3
	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	0.25	6	19	27	1.27	5	0.5	0.03	10	0.31	176	1.0	0.010	14	514	3
	0.00	1	1	1	0.03	0	0.0	0.00	0	0.01	5	0.0	0.000	0	23	1

Standard TILL 2

	(0.3) 0.5-500 ppm Cd	(13) 1-10000 ppm Co	(40) 1-10000 ppm Cr	(149) 1-10000 ppm Cu	(3.2) 0.01-15 wt% Fe	na 10-10000 ppm Ga	(74) 1-10000 ppm Hg	na 0.01-10 wt% K	na 10-10000 ppm La	na 0.01-15 wt% Mg	(530) 5-10000 ppm Mn	(11) 1-10000 ppm Mo	na 0.01-10 wt% Na	(31) 1-10000 ppm Ni	na 10-10000 ppm P	(21) 2-10000 ppm Pb
Company																
CHEMEX	<0.5	15	36	146	3.27	<10	<1	0.31	10	0.69	600	12	0.02	31	580	24
CHEMEX	<0.5	12	32	137	3.23	10	<1	0.27	20	0.63	569	13	0.02	30	540	21
CHEMEX	<0.5	12	32	139	3.26	10	<1	0.27	20	0.64	579	13	0.02	30	560	21
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0.30	13	33	141	3.26	5	0.5	0.28	17	0.66	582	12	0.02	31	580	22
	0.00	2	2	5	0.02	0	0.0	0.02	6	0.03	16	1	0.00	1	20	2

Appendix VII - Standards -ICP

Standard

TCA8010

	na 0.01-5 wt% S	<2 2-10000 ppm Sb	5 1-10000 ppm Sc	21 1-10000 ppm Sr	0.08 0.01-10 wt% Ti	<10 10-10000 ppm Tl	<10 10-10000 ppm U	26 1-10000 ppm V	<10 10-10000 ppm W	28 2-10000 ppm Zn
Company										
CHEMEX	<0.01	2	4	14	0.05	<10	<10	20	<10	28
CHEMEX	<0.01	<2	4	16	0.06	<10	<10	22	<10	28
CHEMEX	<0.01	<2	4	14	0.05	<10	<10	20	<10	26
CHEMEX	<0.01	2	4	14	0.05	<10	<10	20	<10	26
CHEMEX	<0.01	<2	4	15	0.06	<10	<10	20	<10	28
CHEMEX	<0.01	<2	4	14	0.06	<10	<10	20	<10	26
CHEMEX	<0.01	<2	4	15	0.05	<10	<10	20	<10	28
CHEMEX	<0.01	2	4	15	0.06	<10	<10	20	<10	28
CHEMEX	<0.01	2	3	13	0.06	<10	<10	20	<10	24
CHEMEX	<0.01	2	4	13	0.06	<10	<10	20	<10	23
CHEMEX	<0.01	3	3	13	0.06	<10	<10	20	<10	25
CHEMEX	<0.01	2	3	13	0.06	<10	<10	20	<10	22
CHEMEX	<0.01	3	3	13	0.05	<10	<10	20	<10	22
CHEMEX	<0.01	2	3	13	0.05	<10	<10	21	<10	22
	14	14	14	14	14	14	14	14	14	14
	0.005	2	4	14	0.06	5	5	21	5	25
	0.000	1	0	1	0.00	1	0	1	0	2

Standard

TILL 2

	na 0.01-5 wt% S	na 2-10000 ppm Sb	na 1-10000 ppm Sc	na 1-10000 ppm Sr	na 0.01-10 wt% Ti	na 10-10000 ppm Tl	na 10-10000 ppm U	(38) 1-10000 ppm V	na 10-10000 ppm W	(116) 2-10000 ppm Zn
Company										
CHEMEX	0.03	<2	5	16	0.11	<10	<10	39	<10	114
CHEMEX	0.03	<2	4	11	0.1	10	10	37	<10	104
CHEMEX	0.03	<2	4	12	0.1	10	10	37	<10	106
	3	3	3	3	3	3	3	3	3	3
	0.03	1	4	13	0.10	8	8	38	5	108
	0.00	0	1	3	0.00	2	2	2	0	5

Appendix VII - Standards -ICP

Standard TILL 3
Analytical Method ICP-ES
Decomposition Aqua regia

Type Certified 2.00
Provisional (2.00)
Informational 2.00

Expected						(1.6)	na	(84)	na	(43)	na	<(3)	na
						0.2-100	0.01-15	2-10000	10-10000	10-10000	0.5-100	2-10000	0.01-15
Company	Report No	Date	Sample code	Geologist	Sample No	ppm Ag	wt% Al	ppm As	ppm B	ppm Ba	ppm Be	ppm Bi	wt% Ca
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0119	1.4	1.06	84	<10	40	<0.5	2	0.42
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0132	1.4	1.07	86	<10	40	<0.5	<2	0.43
CHEMEX	A0211713/712	17-Apr-2002	01-DU	Dredge, L.A.	02IG0147	1.4	1.08	86	<10	40	<0.5	<2	0.43
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0057	1.4	0.98	80	<10	30	<0.5	<2	0.47
CHEMEX	TO03004190	17-Mar-2003	02-DU	Dredge, L.A.	03IG0068	1.2	0.98	80	<10	30	<0.5	<2	0.47
N						5	5	5	5	5	5	5	5
Total Mean						1.4	1.03	83	5	36	0.25	1	0.44
Std						0.1	0.05	3	0	5	0.00	0	0.02

Appendix VII - Standards -ICP

Standard

TILL 3

	<(0.2) 0.5-500 ppm Cd	(11) 1-10000 ppm Co	(73) 1-10000 ppm Cr	(23) 1-10000 ppm Cu	(2) 0.01-15 wt% Fe	na 10-10000 ppm Ga	(107) 1-10000 ppm Hg	na 0.01-10 wt% K	na 10-10000 ppm La	na 0.01-15 wt% Mg	(310) 5-10000 ppm Mn	<(2) 1-10000 ppm Mo	na 0.01-10 wt% Na	(32) 1-10000 ppm Ni	na 10-10000 ppm P	(16) 2-10000 ppm Pb
Company																
CHEMEX	<0.5	11	63	21	1.85	<10	<1	0.07	<10	0.56	290	<1	0.02	31	440	16
CHEMEX	<0.5	11	64	22	1.88	<10	<1	0.07	<10	0.57	295	<1	0.02	32	490	16
CHEMEX	<0.5	12	64	22	1.88	<10	<1	0.07	<10	0.58	295	<1	0.02	32	470	16
CHEMEX	<0.5	10	56	20	1.88	<10	<1	0.06	10	0.53	282	2	0.02	30	440	16
CHEMEX	<0.5	10	55	20	1.89	<10	<1	0.07	10	0.52	281	2	0.02	30	440	16
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0.25	11	60	21	1.87	5	0.5	0.07	8	0.55	289	1.4	0.02	31	456	16
	0.00	1	5	1	0.01	0	0.0	0.00	2	0.02	7	0.7	0.00	1	23	0

Appendix VII - Standards -ICP

Standard

TILL 3

	na 0.01-5 wt% S	na 2-10000 ppm Sb	na 1-10000 ppm Sc	na 1-10000 ppm Sr	na 0.01-10 wt% Ti	na 10-10000 ppm Tl	na 10-10000 ppm U	(33) 1-10000 ppm V	na 10-10000 ppm W	(43) 2-10000 ppm Zn
Company										
CHEMEX	0.01	<2	3	16	0.06	<10	<10	30	<10	44
CHEMEX	0.01	<2	3	16	0.06	<10	<10	30	<10	46
CHEMEX	0.01	<2	3	17	0.06	<10	<10	30	<10	46
CHEMEX	0.01	<2	3	14	0.06	10	<10	29	<10	38
CHEMEX	0.01	2	3	14	0.06	<10	<10	29	<10	38
	5	5	5	5	5	5	5	5	5	5
	0.01	1	3	15	0.06	6	5	30	5	42
	0.00	0	0	1	0.00	2	0	0	0	4

Appendix VII - Standards - ICP FA

QAQC Accuracy - Standards for ICP-ES Platinum Group Elements

Standard	Analytical Method	Decomposition			Type	Certified	2.00	
TCA8010	ICP-ES	Fire Assay				Provisional	(2.00)	
						Informational	2.00	
						Expected	125	1
							1-10000	1-10000
							ppb	ppb
							Au	Pd
								Pt
Company	Report No	Date	Sample code	Geologist	Sample No			
Bondar Clegg	C02605970	16-Apr-2002	01-DU	Dredge, L.A.	02IG0149	121	<1	<5
Bondar Clegg	C02605970	16-Apr-2002	01-DU	Dredge, L.A.	02IG0157	108	<1	<5
						N	2	2
						Total Mean	115	0.5
						Std	7	0.0

Standard	Analytical Method	Decomposition			Type	Certified	2.00		
TDB-1	ICP-ES	Fire Assay				Provisional	(2.00)		
						Informational	2.00		
					Expected	6.3	6.3	(22.4)	5.8
						1-10000	1-2000	1-10000	5-10000
						ppb	ppb	ppb	ppb
						Au	Au	Pd	Pt
Company	Report No	Date	Sample code	Geologist	Sample No				
Bondar Clegg	C02605970	16-Apr-2002	01-DU	Dredge, L.A.	02IG0153	6		23	6
Bondar Clegg	C3609690	7-Apr-2003	02-DU	Dredge, L.A.	03IG0175		8	23	<5
					N	1	1	2	2
					Total Mean	6	8	23	4.3
					Std	0	0	0	1.8

Appendix VII - Standards - INAA

QAQC Accuracy - Standards for INAA analyses

Standard	Analytical Method	Decomposition	Type									
TCA8010	INAA	radiation	Certified 2.00 Provisional (2.00) Informational 2.00									
			Expected									
			<div> <div><5</div> <div>5-0</div> <div>ppm</div> <div>Ag</div> </div> <div> <div>6.8</div> <div>0.5-0</div> <div>ppm</div> <div>As</div> </div> <div> <div>155</div> <div>2-0</div> <div>ppb</div> <div>Au</div> </div> <div> <div>585</div> <div>50-0</div> <div>ppm</div> <div>Ba</div> </div> <div> <div>2.4</div> <div>0.5-0</div> <div>ppm</div> <div>Br</div> </div> <div> <div>1.7</div> <div>1-0</div> <div>wt%</div> <div>Ca</div> </div> <div> <div>49</div> <div>3-0</div> <div>ppm</div> <div>Ce</div> </div>									
Company	Report No	Date	Sample code	Geologist	Sample No							
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0084	<5	7.2	123	480	1.8	2	38
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0090	<5	7.6	120	390	1	2	37
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0093	<5	8	121	550	1.5	2	40
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0097	<5	8	125	510	2.5	1	38
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0163	<5	7.1	135	620	2.4	3	42
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0171	<5	7.2	167	590	2.8	<1	41
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0182	<5	8.2	140	660	2.8	2	46
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0185	<5	6.9	137	530	<0.5	<1	42
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0144	<5	7.8	168	510	1.9	<1	41
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0149	<5	7.8	152	600	1.6	4	42
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0163	<5	7.4	142	560	1.7	<1	50
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0172	<5	6.9	145	580	2.2	2	47
N						12	12	12	12	12	12	12
Total Mean						2.5	7.5	140	548	1.87	1.7	42
Std						0.0	0.4	16	68	0.72	1.1	4

Standard	Analytical Method	Decomposition	Type									
TILL 2	INAA	radiation	Certified 2.00 Provisional (2.00) Informational 2.00									
			Expected									
			<div> <div>na</div> <div>5-0</div> <div>ppm</div> <div>Ag</div> </div> <div> <div>(26)</div> <div>0.5-0</div> <div>ppm</div> <div>As</div> </div> <div> <div>(2)</div> <div>2-0</div> <div>ppb</div> <div>Au</div> </div> <div> <div>(540)</div> <div>50-0</div> <div>ppm</div> <div>Ba</div> </div> <div> <div>(12.2)</div> <div>0.5-0</div> <div>ppm</div> <div>Br</div> </div> <div> <div>na</div> <div>1-0</div> <div>wt%</div> <div>Ca</div> </div> <div> <div>(98)</div> <div>3-0</div> <div>ppm</div> <div>Ce</div> </div>									
Company	Report No	Date	Sample code	Geologist	Sample No							
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0147	<5	31.8	<2	750	14.5	3	98
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0155	<5	33.8	5	730	14.4	<1	142
N						2	2	2	2	2	2	2
Total Mean						2.5	32.8	3	740	14.4	1.8	120
Std						0.0	1.0	2	10	0.1	1.3	22

Appendix VII - Standards - INAA

Standard TCA8010

	10 1-0 ppm Co	56 5-0 ppm Cr	1.3 1-0 ppm Cs	1.2 0.2-0 ppm Eu	2.3 0.01-0 wt% Fe	7.8 1-0 ppm Hf	<1 1-0 ppm Hg	<5 5-0 ppb Ir	27 0.5-0 ppm La	0.31 0.05-0 ppm Lu	2.3 1-0 ppm Mo	2.19 0.01-0 wt% Na	20 5-0 ppm Nd	21 20-0 ppm Ni	56 15-0 ppm Rb	2.9 0.1-0 ppm Sb	10.3 0.1-0 ppm Sc	<5 3-0 ppm Se
Company	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir	La	Lu	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se
ACT LAB	9	49	<1	1	2.13	6	<1	<5	24.1	0.23	<1	2.1	18	<20	50	2.4	9.2	<3
ACT LAB	9	45	<1	0.9	2.04	6	<1	<5	22.9	0.26	<1	2	17	<20	56	2.3	8.9	<3
ACT LAB	8	43	<1	1	2.06	6	<1	<5	24.1	0.24	<1	2.08	17	<20	58	2.3	9.1	<3
ACT LAB	8	48	1	0.9	2.1	6	<1	<5	23.1	0.26	<1	2.08	17	<20	49	2.3	9.3	<3
ACT LAB	9	44	<1	0.9	2.26	6	<1	<5	24.8	0.23	<1	2.17	20	<20	83	2.1	9.8	<3
ACT LAB	8	47	<1	1	2.1	6	<1	<5	23.3	0.23	<1	2.13	17	<20	54	2.5	9.7	<3
ACT LAB	8	53	<1	1.1	2.31	7	<1	<5	24.4	0.28	<1	2.3	14	<20	67	2.5	10.4	<3
ACT LAB	9	45	<1	1.1	2.21	6	<1	<5	23.1	0.24	<1	2.2	19	<20	65	2.6	10	<3
ACT LAB	9	55	<1	1.2	2.19	9	<1	<5	24.9	0.26	<1	2.33	24	<20	75	2.6	10.3	<3
ACT LAB	9	57	2	1	2.19	8	<1	<5	24.4	0.26	<1	2.27	26	<20	45	2.5	10.1	<3
ACT LAB	9	56	<1	1.1	2.24	6	<1	<5	25.5	0.28	<1	2.45	21	<20	54	2.6	10.4	<3
ACT LAB	9	56	2	1	2.19	6	<1	<5	24.6	0.27	<1	2.33	17	<20	47	2.5	9.9	<3
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	9	50	0.8	1.0	2.17	7	0.5	2.5	24.1	0.25	0.5	2.20	19	10	59	2.4	9.8	1.5
	0	5	0.6	0.1	0.08	1	0.0	0.0	0.8	0.02	0.0	0.13	3	0	11	0.1	0.5	0.0

Standard TILL 2

	(15) 1-0 ppm Co	(74) 5-0 ppm Cr	(12) 1-0 ppm Cs	(1) 0.2-0 ppm Eu	(3.84) 0.01-0 wt% Fe	(11) 1-0 ppm Hf	na 1-0 ppm Hg	na 5-0 ppb Ir	(44) 0.5-0 ppm La	(0.6) 0.05-0 ppm Lu	(14) 1-0 ppm Mo	na 0.01-0 wt% Na	(36) 5-0 ppm Nd	(32) 20-0 ppm Ni	(143) 15-0 ppm Rb	(0.8) 0.1-0 ppm Sb	(12) 0.1-0 ppm Sc	na 3-0 ppm Se
Company	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir	La	Lu	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se
ACT LAB	14	69	12	1.5	3.87	11	<1	<5	47	0.63	6	1.67	41	<20	154	1.1	12.8	<3
ACT LAB	17	95	14	1.7	4.74	10	<1	<5	59.3	0.82	19	2.07	46	<20	155	1.4	14.8	<3
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	16	82	13	1.6	4.30	11	0.5	2.5	53.2	0.73	13	1.87	44	10	155	1.3	13.8	1.5
	2	13	1	0.1	0.43	1	0.0	0.0	6.2	0.09	7	0.20	3	0	1	0.2	1.0	0.0

Appendix VII - Standards - INAA

Standard TCA8010

	4.3 0.1-0 ppm Sm	<100 0.01-0 wt% Sn	<500 0.05-0 wt% Sr	0.8 0.5-0 ppm Ta	0.57 0.5-0 ppm Tb	5.5 0.2-0 ppm Th	1.3 0.5-0 ppm U	<1 1-0 ppm W	na 0.01-0 g Wt	1.9 0.2-0 ppm Yb	65 50-0 ppm Zn
Company	Sm	Sn	Sr	Ta	Tb	Th	U	W	Wt	Yb	Zn
ACT LAB	3.7	<0.01	<0.05	<0.5	0.5	4.3	0.9	<1	38.79	1.5	<50
ACT LAB	3.6	<0.01	<0.05	<0.5	<0.5	4.5	1.1	<1	35.63	1.6	<50
ACT LAB	3.7	<0.01	<0.05	<0.5	<0.5	4.6	0.9	<1	37.7	1.6	78
ACT LAB	3.4	<0.01	<0.05	<0.5	<0.5	4.7	1	<1	39.61	1.7	67
ACT LAB	3.9	<0.01	<0.05	<0.5	<0.5	4.8	1.7	<1	29.8	1.6	<50
ACT LAB	3.7	<0.01	<0.05	<0.5	<0.5	4.9	2.2	<1	30.5	1.5	63
ACT LAB	4.2	<0.01	<0.05	<0.5	<0.5	5	<0.5	<1	22.6	1.9	<50
ACT LAB	4	<0.01	<0.05	<0.5	0.6	5.2	<0.5	<1	26	1.6	78
ACT LAB	4.1	<0.01	<0.05	<0.5	<0.5	5.4	1.2	<1	28.73	1.8	<50
ACT LAB	4.1	<0.01	<0.05	1.4	0.7	4.8	<0.5	<1	29.71	1.8	82
ACT LAB	3.9	<0.01	<0.05	<0.5	<0.5	5.6	1.5	<1	27.34	1.8	<50
ACT LAB	3.8	<0.01	<0.05	<0.5	0.5	5.4	1.1	<1	32.25	1.7	<50
	12	12	12	12	12	12	12	12	12	12	12
	3.8	0.005	0.025	0.35	0.36	4.9	1.03	0.5	31.56	1.7	45
	0.2	0.000	0.000	0.32	0.16	0.4	0.57	0.0	5.14	0.1	24

Standard TILL 2

	(7.4) 0.1-0 ppm Sm	na 0.01-0 wt% Sn	(144) 0.05-0 wt% Sr	(1.9) 0.5-0 ppm Ta	(1.2) 0.5-0 ppm Tb	(18.4) 0.2-0 ppm Th	(5.7) 0.5-0 ppm U	(5) 1-0 ppm W	na 0.01-0 g Wt	(3.7) 0.2-0 ppm Yb	(130) 50-0 ppm Zn
Company	Sm	Sn	Sr	Ta	Tb	Th	U	W	Wt	Yb	Zn
ACT LAB	8.1	<0.01	<0.05	2	<0.5	16.7	6.8	5	16.52	4.2	<50
ACT LAB	9.6	<0.01	<0.05	2.8	<0.5	21.8	6.9	7	14.82	5.1	<50
	2	2	2	2	2	2	2	2	2	2	2
	8.9	0.005	0.025	2.4	0.25	19.3	6.9	6	15.67	4.6	25
	0.8	0.000	0.000	0.4	0.00	2.5	0.1	1	0.85	0.4	0

Appendix VII - Standards - INAA

Standard	Analytical Method	Decomposition	Type									
TILL 3	INAA	radiation	Certified Provisional Informational									
			2.00 (2.00) 2.00									
			Expected									
			na (87) (6) (489) (4.5) na (42)									
			5-0 0.5-0 2-0 50-0 0.5-0 1-0 3-0									
			ppm ppm ppb ppm ppm wt% ppm									
			Ag As Au Ba Br Ca Ce									
Company	Report No	Date	Sample code	Geologist	Sample No							
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0087	<5	95	5	440	5.8	<1	36
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0101	<5	104	<2	630	5.4	2	39
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0166	<5	106	<2	480	6	<1	44
ACT LAB	24003/24111	16-Apr-2002	01-DU	Dredge, L.A.	02IG0174	<5	97.4	<2	620	6.3	1	40
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0150	<5	103	<2	530	5.8	<1	40
ACT LAB	26832	8-Apr-2003	02-DU	Dredge, L.A.	03IG0158	<5	112	<2	530	4.6	<1	51
N						6	6	6	6	6	6	6
Total Mean						2.5	102.9	2	538	5.6	0.8	42
Std						0.0	5.6	1	69	0.5	0.6	5

Appendix VII - Standards - INAA

Standard

TILL 3

	(15) 1-0 ppm Co	(123) 5-0 ppm Cr	(1.7) 1-0 ppm Cs	<(1) 0.2-0 ppm Eu	(2.78) 0.01-0 wt% Fe	(8) 1-0 ppm Hf	na 1-0 ppm Hg	na 5-0 ppb Ir	(21) 0.5-0 ppm La	(0.2) 0.05-0 ppm Lu	(2) 1-0 ppm Mo	na 0.01-0 wt% Na	(16) 5-0 ppm Nd	(39) 20-0 ppm Ni	(55) 15-0 ppm Rb	(0.9) 0.1-0 ppm Sb	(10) 0.1-0 ppm Sc	na 3-0 ppm Se
Company																		
ACT LAB	15	116	3	0.9	3.08	5	<1	<5	20.7	0.26	<1	2.02	13	<20	53	0.9	10.3	<3
ACT LAB	15	124	3	0.9	3.3	6	<1	<5	22.6	0.25	2	2.2	18	<20	31	0.9	10.9	<3
ACT LAB	15	135	4	1	3.13	6	<1	<5	21.2	0.29	<1	2.2	21	<20	40	1.3	11.3	<3
ACT LAB	13	134	<1	1.1	3.27	6	<1	<5	22.4	0.25	<1	2.24	12	<20	65	1.5	11	<3
ACT LAB	13	140	3	1.1	2.96	6	<1	<5	20.2	0.27	<1	2.06	23	<20	59	1.1	10.6	<3
ACT LAB	16	143	3	1.2	3.16	5	<1	<5	22.5	0.32	<1	2.37	20	<20	54	1.4	11.5	<3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	15	132	2.8	1.0	3.15	6	0.5	2.5	21.6	0.27	0.8	2.18	18	10	50	1.2	10.9	1.5
	1	9	1.1	0.1	0.11	0	0.0	0.0	0.9	0.03	0.6	0.12	4	0	11	0.2	0.4	0.0

Appendix VII - Standards - INAA

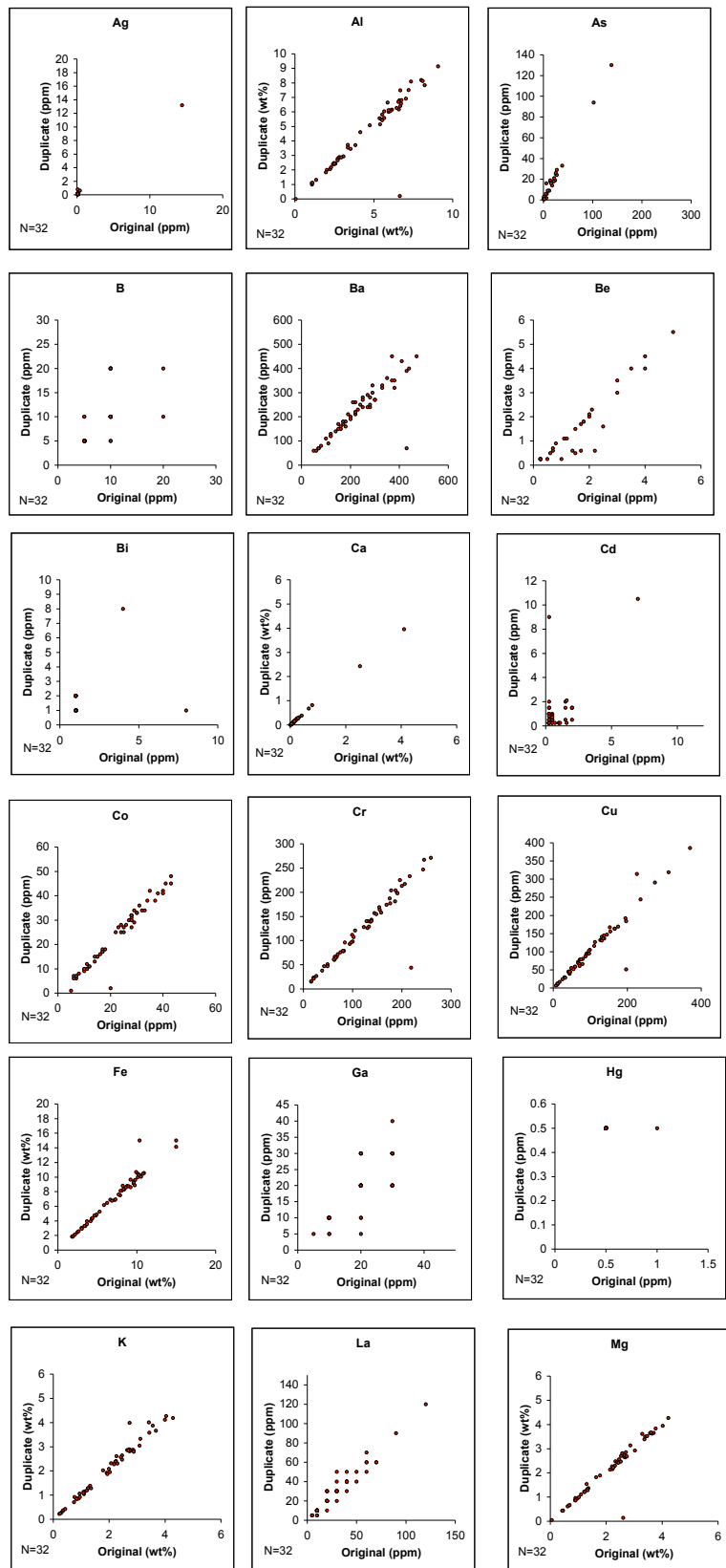
Standard

TILL 3

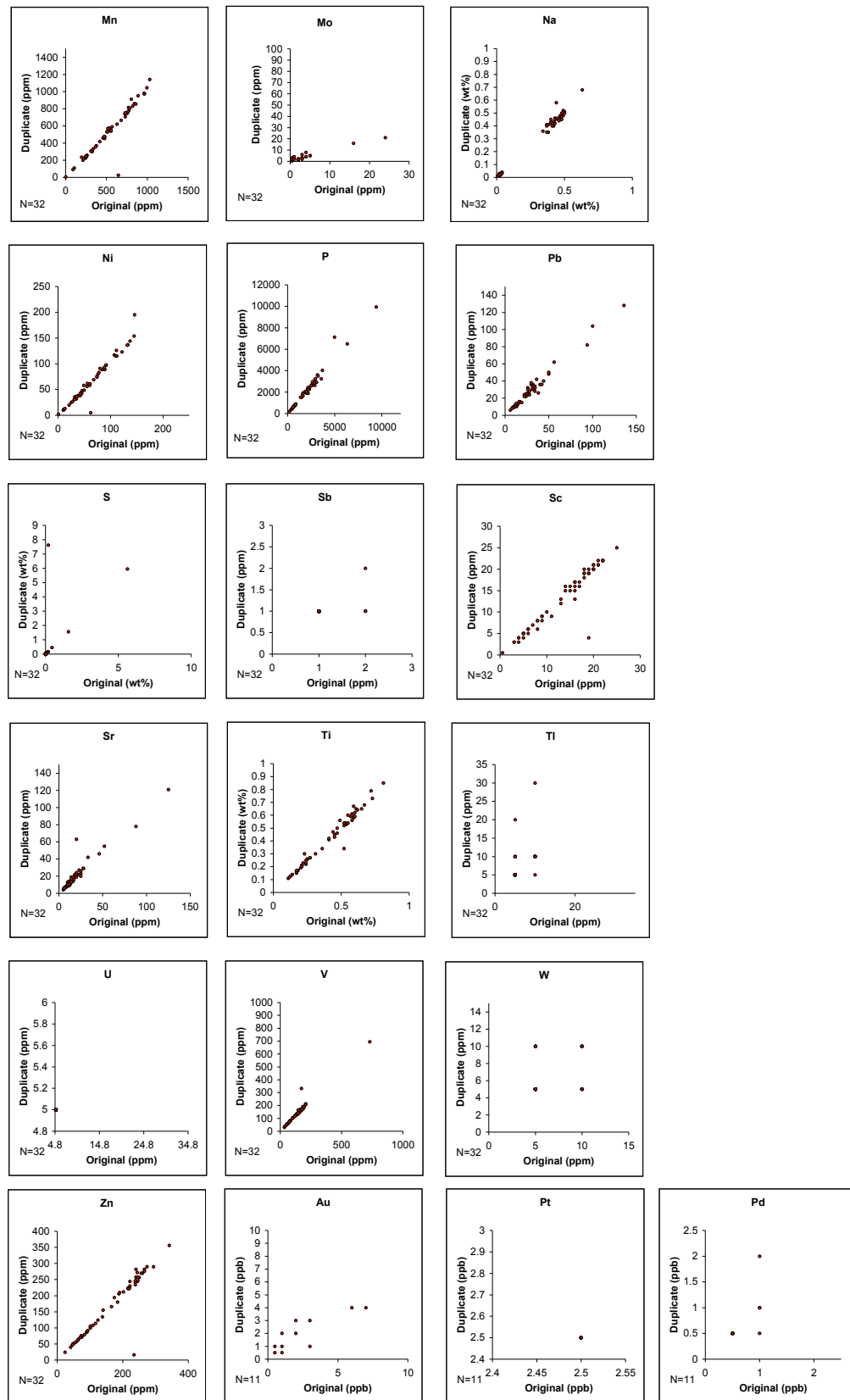
	(3.3) 0.1-0 ppm Sm	na 0.01-0 wt% Sn	(300) 0.05-0 wt% Sr	<(0.5) 0.5-0 ppm Ta	<(0.5) 0.5-0 ppm Tb	(4.6) 0.2-0 ppm Th	(2.1) 0.5-0 ppm U	<(1) 1-0 ppm W	na 0.01-0 g Wt	(1.5) 0.2-0 ppm Yb	(56) 50-0 ppm Zn
Company											
ACT LAB	3.5	<0.01	<0.05	<0.5	<0.5	4.5	1.7	<1	24.68	1.8	59
ACT LAB	3.5	<0.01	<0.05	1.5	<0.5	4.4	1.7	<1	21.33	1.8	83
ACT LAB	3.9	<0.01	<0.05	<0.5	<0.5	5.5	<0.5	<1	12.9	1.6	140
ACT LAB	3.7	<0.01	<0.05	<0.5	<0.5	5.7	2.5	<1	14.9	1.6	178
ACT LAB	3.8	<0.01	<0.05	<0.5	<0.5	4.6	2.5	<1	16.64	1.7	86
ACT LAB	3.9	<0.01	<0.05	<0.5	<0.5	5.6	1.8	<1	15.96	2.1	69
	6	6	6	6	6	6	6	6	6	6	6
	3.7	0.005	0.025	0.46	0.25	5.0	1.74	0.5	17.74	1.8	103
	0.2	0.000	0.000	0.47	0.00	0.6	0.75	0.0	4.02	0.2	42

Appendix VIII: Comparison of samples with duplicates

Duplicates for ICP-AES

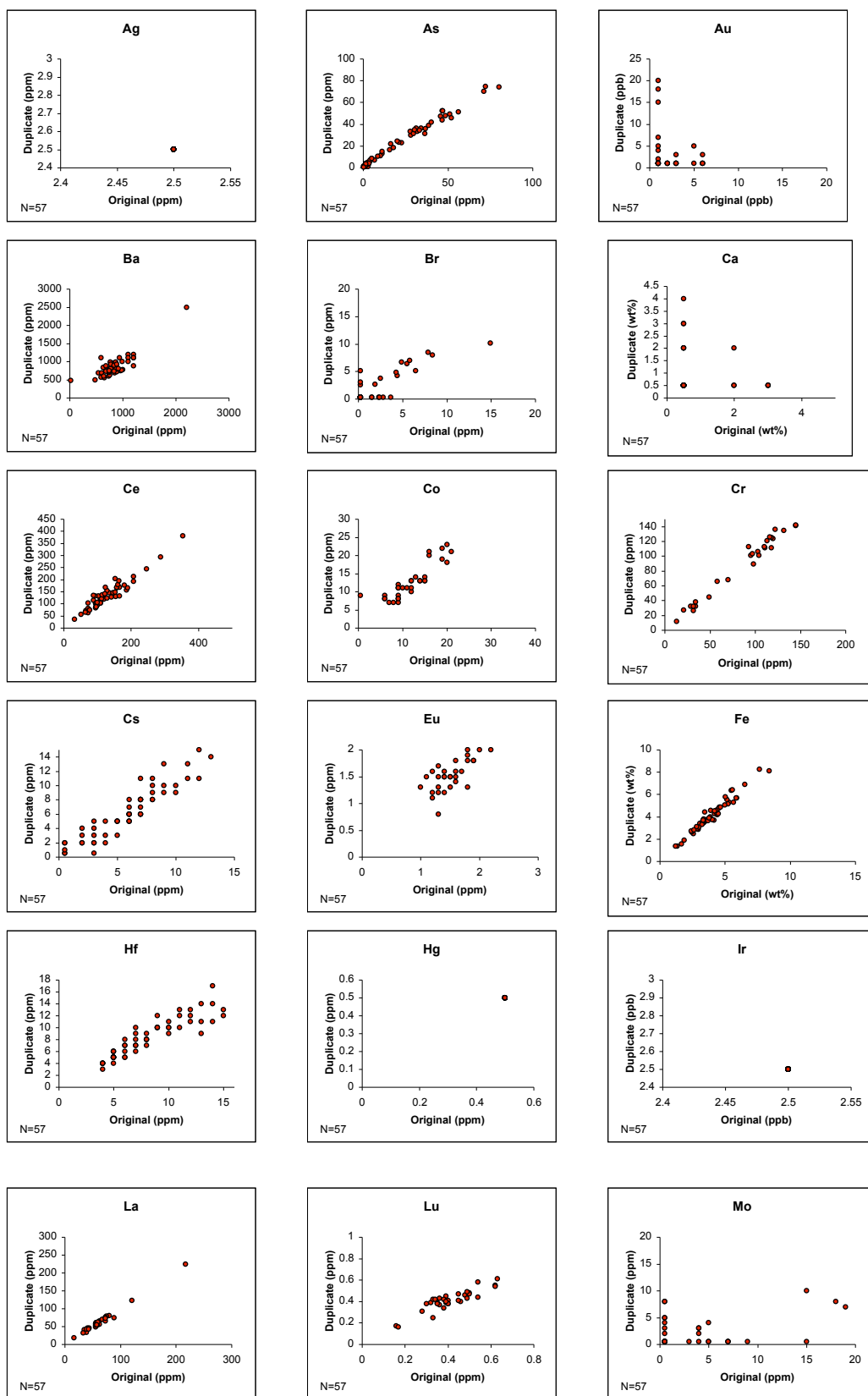


Duplicates for ICP-AES



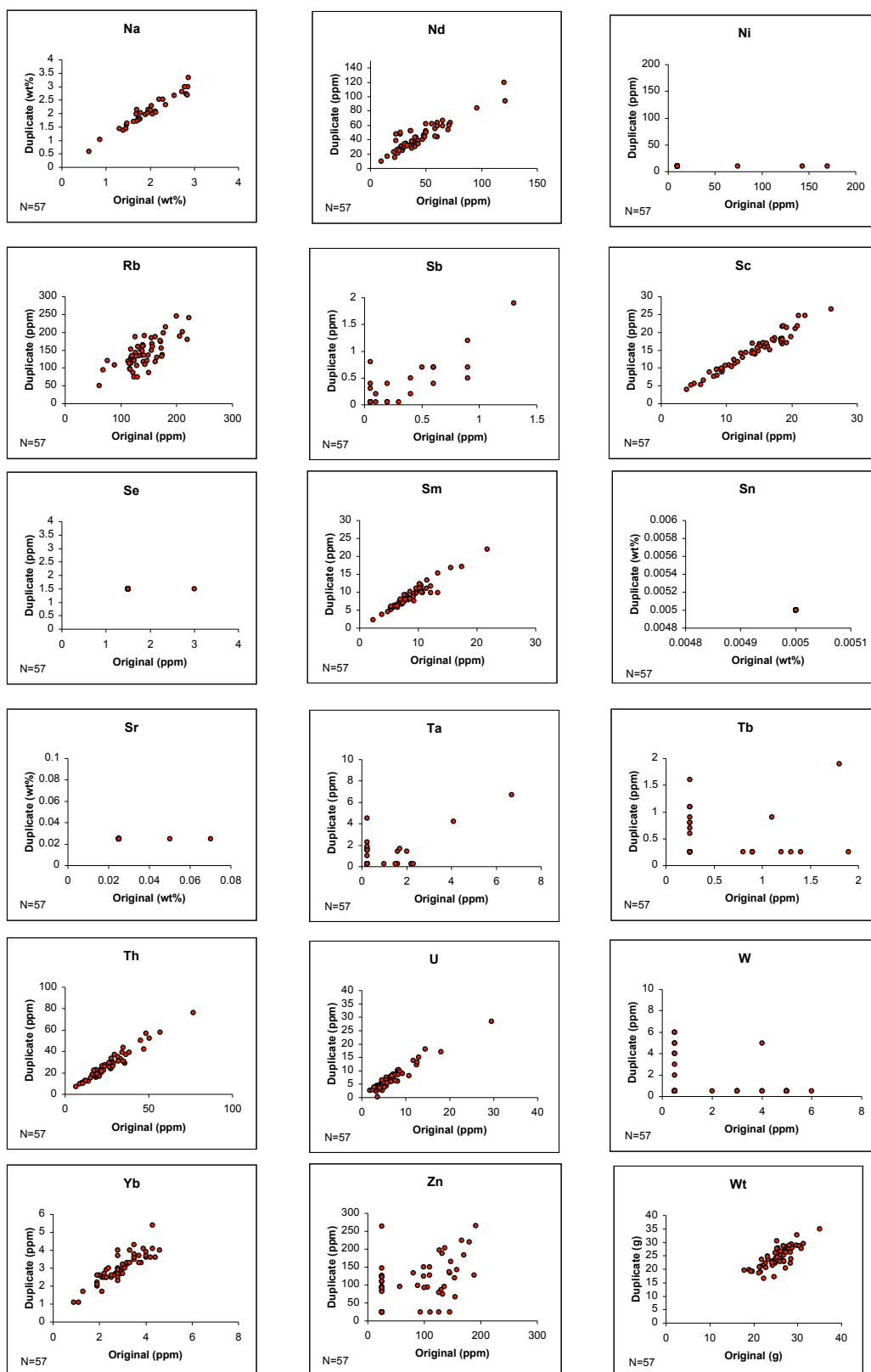
Appendix VIII- Comparison of samples with duplicates - INAA data

Analysis of duplicates for INAA data



Appendix VIII- Comparison of samples with duplicates - INAA data

Analysis of duplicates for INAA data



Appendix IX: Till clast lithologies, 1-4 cm size

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-001	0	98	0	0	0	0	0	2	100
01-DU-002	0	100	0	0	0	0	0	0	100
01-DU-004	92	8	0	0	0	0	0	0	100
01-DU-005	2	98	0	0	0	0	0	0	100
01-DU-007	2	98	0	0	0	0	0	0	100
01-DU-008	2	94	0	0	0	0	0	4	100
01-DU-009	52	40	8	0	0	0	0	0	100
01-DU-013	54	32	6	0	0	0	2	6	100
01-DU-017	6	92	2	0	0	0	0	0	100
01-DU-020	4	82	12	0	0	0	0	2	100
01-DU-021	4	92	0	0	0	0	0	4	100
01-DU-022	4	90	0	0	0	0	2	4	100
01-DU-024	2	78	0	0	0	0	18	2	100
01-DU-026	92	6	0	0	0	0	0	2	100
01-DU-028	86	14	0	0	0	0	0	0	100
01-DU-030	18	78	4	0	0	0	0	0	100
01-DU-033	38	58	0	0	0	0	0	4	100
01-DU-042	88	12	0	0	0	0	0	0	100
01-DU-043	98	2	0	0	0	0	0	0	100
01-DU-044	88	12	0	0	0	0	0	0	100
01-DU-045	94	2	0	0	0	0	4	0	100
01-DU-047	86	12	0	0	0	0	2	0	100
01-DU-048	12	86	2	0	0	0	0	0	100
01-DU-055	30	70	0	0	0	0	0	0	100
01-DU-058	0	100	0	0	0	0	0	0	100
01-DU-061	0	100	0	0	0	0	0	0	100
01-DU-063	0	98	0	0	0	2	0	0	100
01-DU-064	2	98	0	0	0	0	0	0	100
01-DU-068	100	0	0	0	0	0	0	0	100
01-DU-071	100	0	0	0	0	0	0	0	100
01-DU-072	94	6	0	0	0	0	0	0	100
01-DU-074	100	0	0	0	0	0	0	0	100
01-DU-075	98	2	0	0	0	0	0	0	100
01-DU-076	94	6	0	0	0	0	0	0	100
01-DU-077	100	0	0	0	0	0	0	0	100
01-DU-083	98	0	0	0	0	0	0	2	100
01-DU-084	98	2	0	0	0	0	0	0	100
01-DU-086	98	2	0	0	0	0	0	0	100
01-DU-089	96	4	0	0	0	0	0	0	100
01-DU-093	100	0	0	0	0	0	0	0	100
01-DU-094	94	2	0	0	0	2	0	2	100
01-DU-095	52	48	0	0	0	0	0	0	100
01-DU-096	30	68	0	0	0	2	0	0	100
01-DU-097	84	16	0	0	0	0	0	0	100
01-DU-098	98	0	0	0	0	0	0	2	100
01-DU-099	100	0	0	0	0	0	0	0	100
01-DU-106	94	6	0	0	0	0	0	0	100
01-DU-107	98	2	0	0	0	0	0	0	100
01-DU-108	98	2	0	0	0	0	0	0	100
01-DU-111	100	0	0	0	0	0	0	0	100
01-DU-113	100	0	0	0	0	0	0	0	100
01-DU-114	98	0	0	0	0	0	0	2	100
01-DU-115	72	8	0	18	0	2	0	0	100
01-DU-116	78	10	0	0	0	0	0	12	100
01-DU-117	90	8	0	0	0	0	0	2	100
01-DU-119	92	8	0	0	0	0	0	0	100
01-DU-120	98	2	0	0	0	0	0	0	100
01-DU-121	96	4	0	0	0	0	0	0	100
01-DU-123	100	0	0	0	0	0	0	0	100
01-DU-124	0	100	0	0	0	0	0	0	100
01-DU-125	100	0	0	0	0	0	0	0	100
01-DU-126	100	0	0	0	0	0	0	0	100
01-DU-128	100	0	0	0	0	0	0	0	100
01-DU-129	100	0	0	0	0	0	0	0	100
01-DU-130	96	4	0	0	0	0	0	0	100
01-DU-131	98	2	0	0	0	0	0	0	100
01-DU-132	86	14	0	0	0	0	0	0	100
01-DU-133	4	96	0	0	0	0	0	0	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-134	30	60	0	0	10	0	0	0	100
01-DU-135	100	0	0	0	0	0	0	0	100
01-DU-136	2	92	0	0	0	0	0	6	100
01-DU-137	52	48	0	0	0	0	0	0	100
01-DU-140	6	94	0	0	0	0	0	0	100
01-DU-143	80	20	0	0	0	0	0	0	100
01-DU-144	0	100	0	0	0	0	0	0	100
01-DU-145	0	92	0	0	0	0	0	8	100
01-DU-147	0	98	0	0	0	0	0	2	100
01-DU-148	2	94	0	0	0	4	0	0	100
01-DU-149	74	22	0	0	0	0	0	4	100
01-DU-150	68	32	0	0	0	0	0	0	100
01-DU-151	88	12	0	0	0	0	0	0	100
01-DU-152	22	74	0	0	0	0	0	4	100
01-DU-153	78	10	0	0	0	0	12	0	100
01-DU-154	42	58	0	0	0	0	0	0	100
01-DU-155	58	40	0	0	0	0	0	2	100
01-DU-156	100	0	0	0	0	0	0	0	100
01-DU-157	92	8	0	0	0	0	0	0	100
01-DU-158	66	8	0	24	2	0	0	0	100
01-DU-160	98	0	0	0	0	0	0	2	100
01-DU-161	98	0	0	0	2	0	0	0	100
01-DU-162	34	42	0	24	0	0	0	0	100
01-DU-164	98	0	0	0	0	0	0	2	100
01-DU-165	16	82	0	0	0	0	0	2	100
01-DU-166	26	72	0	0	0	0	0	2	100
01-DU-167	38	58	0	0	0	0	0	4	100
01-DU-168	34	66	0	0	0	0	0	0	100
01-DU-169	36	64	0	0	0	0	0	0	100
01-DU-170	2	98	0	0	0	0	0	0	100
01-DU-171	2	98	0	0	0	0	0	0	100
01-DU-172	0	100	0	0	0	0	0	0	100
01-DU-176	92	8	0	0	0	0	0	0	100
01-DU-180	88	12	0	0	0	0	0	0	100
01-DU-181	90	10	0	0	0	0	0	0	100
01-DU-182	94	6	0	0	0	0	0	0	100
01-DU-183	60	40	0	0	0	0	0	0	100
01-DU-185	98	2	0	0	0	0	0	0	100
01-DU-186	100	0	0	0	0	0	0	0	100
01-DU-187	86	14	0	0	0	0	0	0	100
01-DU-188	92	8	0	0	0	0	0	0	100
01-DU-189	94	6	0	0	0	0	0	0	100
01-DU-190	52	40	0	8	0	0	0	0	100
01-DU-192	96	4	0	0	0	0	0	0	100
01-DU-193	96	4	0	0	0	0	0	0	100
01-DU-196	0	96	0	0	0	0	0	4	100
01-DU-197	32	68	0	0	0	0	0	0	100
01-DU-198	2	98	0	0	0	0	0	0	100
01-DU-199	0	100	0	0	0	0	0	0	100
01-DU-200	0	100	0	0	0	0	0	0	100
01-DU-201	68	30	0	0	2	0	0	0	100
01-DU-202	62	34	0	2	2	0	0	0	100
01-DU-203	2	96	0	0	0	0	0	2	100
01-DU-206	6	94	0	0	0	0	0	0	100
01-DU-209	98	0	0	0	0	0	0	2	100
01-DU-210	12	86	0	0	0	0	0	2	100
01-DU-211	2	98	0	0	0	0	0	0	100
01-DU-212	4	96	0	0	0	0	0	0	100
01-DU-213	4	96	0	0	0	0	0	0	100
01-DU-214	0	100	0	0	0	0	0	0	100
01-DU-216	0	100	0	0	0	0	0	0	100
01-DU-217	2	98	0	0	0	0	0	0	100
01-DU-218	0	100	0	0	0	0	0	0	100
01-DU-219	0	96	0	0	0	0	0	4	100
01-DU-222	2	98	0	0	0	0	0	0	100
01-DU-223	2	98	0	0	0	0	0	0	100
01-DU-224	0	100	0	0	0	0	0	0	100
01-DU-226	98	0	0	0	0	0	0	2	100

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Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-227	0	100	0	0	0	0	0	0	100
01-DU-230	2	98	0	0	0	0	0	0	100
01-DU-231	12	46	0	26	14	0	0	2	100
01-DU-233	54	42	0	2	0	0	2	0	100
01-DU-235	16	84	0	0	0	0	0	0	100
01-DU-236	2	98	0	0	0	0	0	0	100
01-DU-237	16	82	0	2	0	0	0	0	100
01-DU-238	0	100	0	0	0	0	0	0	100
01-DU-239	12	88	0	0	0	0	0	0	100
01-DU-240	54	16	0	26	4	0	0	0	100
01-DU-241	98	2	0	0	0	0	0	0	100
01-DU-243	98	2	0	0	0	0	0	0	100
01-DU-244	2	98	0	0	0	0	0	0	100
01-DU-245	2	98	0	0	0	0	0	0	100
01-DU-246	32	68	0	0	0	0	0	0	100
01-DU-247	4	94	0	0	0	2	0	0	100
01-DU-248	0	100	0	0	0	0	0	0	100
01-DU-249	0	100	0	0	0	0	0	0	100
01-DU-250	0	100	0	0	0	0	0	0	100
01-DU-251	0	100	0	0	0	0	0	0	100
01-DU-252	60	10	0	0	0	0	30	0	100
01-DU-253	76	8	0	0	0	0	16	0	100
01-DU-254	90	10	0	0	0	0	0	0	100
01-DU-255	94	6	0	0	0	0	0	0	100
01-DU-256	98	2	0	0	0	0	0	0	100
01-DU-257	80	20	0	0	0	0	0	0	100
01-DU-259	26	42	0	0	0	0	32	0	100
01-DU-260	78	22	0	0	0	0	0	0	100
01-DU-261	10	90	0	0	0	0	0	0	100
01-DU-262	36	64	0	0	0	0	0	0	100
01-DU-263	66	14	0	0	0	0	20	0	100
01-DU-264	36	64	0	0	0	0	0	0	100
01-DU-265	16	84	0	0	0	0	0	0	100
01-DU-266	58	42	0	0	0	0	0	0	100
01-DU-267	82	18	0	0	0	0	0	0	100
01-DU-268	98	2	0	0	0	0	0	0	100
01-DU-269	94	6	0	0	0	0	0	0	100
01-DU-270	78	4	0	0	0	0	18	0	100
01-DU-271	70	30	0	0	0	0	0	0	100
01-DU-272	70	20	0	0	0	0	10	0	100
01-DU-273	44	4	0	0	0	0	52	0	100
01-DU-276	100	0	0	0	0	0	0	0	100
01-DU-278	100	0	0	0	0	0	0	0	100
01-DU-279	100	0	0	0	0	0	0	0	100
01-DU-280	86	14	0	0	0	0	0	0	100
01-DU-281	76	24	0	0	0	0	0	0	100
01-DU-282	98	2	0	0	0	0	0	0	100
01-DU-283	4	92	0	0	0	0	0	4	100
01-DU-284	6	94	0	0	0	0	0	0	100
01-DU-285	80	20	0	0	0	0	0	0	100
01-DU-286	84	16	0	0	0	0	0	0	100
01-DU-287	86	14	0	0	0	0	0	0	100
01-DU-288	82	18	0	0	0	0	0	0	100
01-DU-289	76	24	0	0	0	0	0	0	100
01-DU-290	86	14	0	0	0	0	0	0	100
01-DU-291	66	28	0	0	0	0	6	0	100
01-DU-292	72	28	0	0	0	0	0	0	100
01-DU-500	2	98	0	0	0	0	0	0	100
01-DU-501	0	100	0	0	0	0	0	0	100
01-DU-502	0	100	0	0	0	0	0	0	100
01-DU-503	0	98	0	0	0	0	0	2	100
01-DU-504	0	96	0	0	0	4	0	0	100
01-DU-505	2	10	0	0	0	0	88	0	100
01-DU-506	14	86	0	0	0	0	0	0	100
01-DU-510	10	90	0	0	0	0	0	0	100
01-DU-511	4	88	0	0	0	0	8	0	100
01-DU-512	0	0	0	0	0	0	0	0	0
01-DU-513	22	76	0	0	0	0	2	0	100

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Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-514	32	60	0	0	0	0	6	2	100
01-DU-516	8	92	0	0	0	0	0	0	100
01-DU-517	24	72	0	0	0	0	4	0	100
01-DU-518	88	6	0	0	0	0	0	6	100
01-DU-519	78	20	0	0	0	0	2	0	100
01-DU-520	30	58	0	6	0	0	0	6	100
01-DU-521	18	82	0	0	0	0	0	0	100
01-DU-522	36	60	0	2	0	2	0	0	100
01-DU-523	14	82	2	0	0	0	0	2	100
01-DU-524	26	74	0	0	0	0	0	0	100
01-DU-525	70	10	0	0	0	0	0	0	80
01-DU-526	92	8	0	0	0	0	0	0	100
01-DU-527	96	4	0	0	0	0	0	0	100
01-DU-528	92	8	0	0	0	0	0	0	100
01-DU-529	46	38	0	0	0	0	16	0	100
01-DU-530	62	38	0	0	0	0	0	0	100
01-DU-531	46	44	0	0	0	0	10	0	100
01-DU-532	32	68	0	0	0	0	0	0	100
01-DU-533	16	82	0	0	0	0	2	0	100
01-DU-534	12	80	0	0	0	0	8	0	100
01-DU-536	2	96	0	0	0	0	0	2	100
01-DU-537	6	92	0	0	0	0	0	2	100
01-DU-538	4	96	0	0	0	0	0	0	100
01-DU-539	0	100	0	0	0	0	0	0	100
01-DU-540	100	0	0	0	0	0	0	0	100
01-DU-541	100	0	0	0	0	0	0	0	100
01-DU-542	96	4	0	0	0	0	0	0	100
01-DU-543	96	2	0	0	0	2	0	0	100
01-DU-544	96	0	0	0	0	0	0	4	100
01-DU-545	88	6	0	0	0	2	4	0	100
01-DU-546	100	0	0	0	0	0	0	0	100
01-DU-548	96	4	0	0	0	0	0	0	100
01-DU-550	100	0	0	0	0	0	0	0	100
01-DU-551	100	0	0	0	0	0	0	0	100
01-DU-552	96	4	0	0	0	0	0	0	100
01-DU-553	60	36	0	2	0	0	2	0	100
01-DU-554	40	60	0	0	0	0	0	0	100
01-DU-555	70	20	0	2	0	0	6	2	100
01-DU-556	30	68	0	0	0	0	0	2	100
01-DU-557	42	40	0	18	0	0	0	0	100
01-DU-558	90	6	0	0	0	0	2	2	100
01-DU-559	98	0	0	0	0	0	0	2	100
01-DU-560	100	0	0	0	0	0	0	0	100
01-DU-561	100	0	0	0	0	0	0	0	100
01-DU-565	100	0	0	0	0	0	0	0	100
01-DU-566	94	6	0	0	0	0	0	0	100
01-DU-567	100	0	0	0	0	0	0	0	100
01-DU-568	98	0	0	0	0	0	0	2	100
01-DU-569	98	2	0	0	0	0	0	0	100
01-DU-570	98	2	0	0	0	0	0	0	100
01-DU-571	92	2	0	2	0	0	0	4	100
01-DU-572	100	0	0	0	0	0	0	0	100
01-DU-574	94	4	0	0	0	0	0	2	100
01-DU-575	100	0	0	0	0	0	0	0	100
01-DU-576	100	0	0	0	0	0	0	0	100
01-DU-577	96	4	0	0	0	0	0	0	100
01-DU-578	98	0	0	0	0	2	0	0	100
01-DU-579	100	0	0	0	0	0	0	0	100
01-DU-581	94	6	0	0	0	0	0	0	100
01-DU-582	100	0	0	0	0	0	0	0	100
01-DU-583	100	0	0	0	0	0	0	0	100
01-DU-584	42	56	0	0	2	0	0	0	100
01-DU-585	6	94	0	0	0	0	0	0	100
01-DU-586	88	12	0	0	0	0	0	0	100
01-DU-587	76	24	0	0	0	0	0	0	100
01-DU-588	44	56	0	0	0	0	0	0	100
01-DU-589	4	96	0	0	0	0	0	0	100
01-DU-590	10	90	0	0	0	0	0	0	100

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Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-591	80	20	0	0	0	0	0	0	100
01-DU-592	66	16	0	0	0	0	18	0	100
01-DU-593	16	84	0	0	0	0	0	0	100
01-DU-594	6	90	0	0	0	0	0	4	100
01-DU-595	70	30	0	0	0	0	0	0	100
01-DU-596	58	42	0	0	0	0	0	0	100
01-DU-597	44	56	0	0	0	0	0	0	100
01-DU-598	58	24	18	0	0	0	0	0	100
01-DU-599	98	2	0	0	0	0	0	0	100
01-DU-600	84	16	0	0	0	0	0	0	100
01-DU-601	80	20	0	0	0	0	0	0	100
01-DU-602	94	6	0	0	0	0	0	0	100
01-DU-603	98	2	0	0	0	0	0	0	100
01-DU-604	78	12	0	8	2	0	0	0	100
01-DU-605	86	14	0	0	0	0	0	0	100
01-DU-606	66	34	0	0	0	0	0	0	100
01-DU-607	96	4	0	0	0	0	0	0	100
01-DU-608	4	96	0	0	0	0	0	0	100
01-DU-609	0	100	0	0	0	0	0	0	100
01-DU-610	0	100	0	0	0	0	0	0	100
01-DU-611	0	100	0	0	0	0	0	0	100
01-DU-612	0	100	0	0	0	0	0	0	100
01-DU-613	0	100	0	0	0	0	0	0	100
01-DU-614	0	100	0	0	0	0	0	0	100
01-DU-615	100	0	0	0	0	0	0	0	100
01-DU-617	16	84	0	0	0	0	0	0	100
01-DU-618	94	6	0	0	0	0	0	0	100
01-DU-619	90	10	0	0	0	0	0	0	100
01-DU-620	90	10	0	0	0	0	0	0	100
01-DU-621	98	2	0	0	0	0	0	0	100
01-DU-622	100	0	0	0	0	0	0	0	100
01-DU-623	12	86	0	0	0	0	0	2	100
01-DU-625	100	0	0	0	0	0	0	0	100
01-DU-626	96	4	0	0	0	0	0	0	100
01-DU-627	96	4	0	0	0	0	0	0	100
01-DU-629	98	2	0	0	0	0	0	0	100
01-DU-630	96	4	0	0	0	0	0	0	100
01-DU-631	94	4	0	0	0	2	0	0	100
01-DU-632	98	2	0	0	0	0	0	0	100
01-DU-633	4	96	0	0	0	0	0	0	100
01-DU-634	6	94	0	0	0	0	0	0	100
01-DU-635	4	96	0	0	0	0	0	0	100
01-DU-636	10	90	0	0	0	0	0	0	100
01-DU-637	2	88	0	0	0	10	0	0	100
01-DU-638	26	74	0	0	0	0	0	0	100
01-DU-639	14	86	0	0	0	0	0	0	100
01-DU-640	2	96	0	0	0	0	0	2	100
01-DU-641	2	96	0	0	0	0	0	2	100
01-DU-642	6	88	0	0	0	0	0	6	100
01-DU-643	4	92	0	0	0	0	0	4	100
01-DU-644	0	94	0	0	0	0	0	6	100
01-DU-645	4	96	0	0	0	0	0	0	100
01-DU-646	6	90	0	0	2	0	0	2	100
01-DU-647	0	100	0	0	0	0	0	0	100
01-DU-648	14	86	0	0	0	0	0	0	100
01-DU-649	6	94	0	0	0	0	0	0	100
01-DU-650	8	90	0	0	0	0	0	2	100
01-DU-651	2	98	0	0	0	0	0	0	100
01-DU-652	12	88	0	0	0	0	0	0	100
01-DU-653	60	34	0	4	0	0	0	2	100
01-DU-654	68	26	0	0	0	0	0	6	100
01-DU-655	30	70	0	0	0	0	0	0	100
01-DU-656	2	98	0	0	0	0	0	0	100
01-DU-657a	18	82	0	0	0	0	0	0	100
01-DU-657b	4	94	0	0	0	2	0	0	100
01-DU-658	6	94	0	0	0	0	0	0	100
01-DU-659	10	88	0	0	0	0	0	2	100
01-DU-660	92	8	0	0	0	0	0	0	100

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Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
01-DU-661	100	0	0	0	0	0	0	0	100
01-DU-662	86	10	0	0	0	0	0	4	100
01-DU-663	14	84	0	0	0	0	0	2	100
01-DU-664	6	94	0	0	0	0	0	0	100
01-DU-665	22	78	0	0	0	0	0	0	100
01-DU-666	2	98	0	0	0	0	0	0	100
01-DU-667	0	100	0	0	0	0	0	0	100
01-DU-668	0	100	0	0	0	0	0	0	100
01-DU-669	0	100	0	0	0	0	0	0	100
01-DU-670	0	100	0	0	0	0	0	0	100
01-DU-671	0	100	0	0	0	0	0	0	100
01-DU-672	94	6	0	0	0	0	0	0	100
01-DU-673	90	8	0	0	0	0	2	0	100
01-DU-674	78	12	0	2	0	0	8	0	100
01-DU-675	86	14	0	0	0	0	0	0	100
01-DU-676	100	0	0	0	0	0	0	0	100
01-DU-677	84	16	0	0	0	0	0	0	100
01-DU-678	72	12	0	0	0	0	16	0	100
01-DU-679	94	6	0	0	0	0	0	0	100
01-DU-680	26	74	0	0	0	0	0	0	100
01-DU-681	22	78	0	0	0	0	0	0	100
01-DU-682	70	30	0	0	0	0	0	0	100
01-DU-683	4	96	0	0	0	0	0	0	100
01-DU-684	16	84	0	0	0	0	0	0	100
01-DU-685	74	26	0	0	0	0	0	0	100
01-DU-686	94	4	0	0	0	0	2	0	100
01-DU-687	92	8	0	0	0	0	0	0	100
01-DU-688	94	6	0	0	0	0	0	0	100
01-DU-689	100	0	0	0	0	0	0	0	100
01-DU-690	100	0	0	0	0	0	0	0	100
01-DU-691	16	82	0	0	0	0	0	2	100
01-DU-692	8	80	4	0	0	0	0	8	100
01-DU-693	90	10	0	0	0	0	0	0	100
01-DU-694	66	34	0	0	0	0	0	0	100
01-DU-695	92	8	0	0	0	0	0	0	100
01-DU-696	94	6	0	0	0	0	0	0	100
01-DU-697	72	26	0	0	0	0	2	0	100
01-DU-698	94	6	0	0	0	0	0	0	100
01-DU-699	66	30	0	0	0	0	4	0	100
01-DU-700	58	24	0	0	0	0	18	0	100
01-DU-701	66	34	0	0	0	0	0	0	100
01-DU-702	64	36	0	0	0	0	0	0	100
01-DU-703	28	38	0	30	0	0	4	0	100
01-DU-704	28	58	0	14	0	0	0	0	100
02-DU-1004	12	88	0	0	0	0	0	0	100
02-DU-1005	8	84	0	0	0	0	0	8	100
02-DU-1006	33	57	0	0	0	0	2	8	100
02-DU-1007	6	94	0	0	0	0	0	0	100
02-DU-1008	0	98	0	0	0	0	0	2	100
02-DU-1010	4	96	0	0	0	0	0	0	100
02-DU-1011	0	96	2	0	0	2	0	0	100
02-DU-1012	4	90	0	0	0	0	0	6	100
02-DU-1013	0	100	0	0	0	0	0	0	100
02-DU-1014	2	96	0	0	0	0	0	2	100
02-DU-1015	88	6	0	0	0	2	0	4	100
02-DU-1016	4	80	0	0	16	0	0	0	100
02-DU-1017	4	84	6	0	0	0	0	6	100
02-DU-1018	8	76	0	0	2	0	0	14	100
02-DU-1019	8	72	0	0	14	0	0	6	100
02-DU-1020	4	78	0	0	12	0	0	6	100
02-DU-1021	0	88	10	0	0	0	0	2	100
02-DU-1022	54	56	0	0	0	0	0	10	100
02-DU-1023	34	64	0	0	2	0	0	0	100
02-DU-1024	33	50	0	0	10	0	0	7	100
02-DU-1025	28	60	0	0	6	0	0	6	100
02-DU-1026	2	90	0	0	4	0	0	4	100
02-DU-1027	0	92	8	0	0	0	0	0	100
02-DU-1028	40	56	0	0	4	0	0	0	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
02-DU-1029	66	32	0	0	2	0	0	0	100
02-DU-1030	82	16	0	0	0	0	0	2	100
02-DU-1031	60	15	0	0	0	0	26	0	100
02-DU-1032	100	0	0	0	0	0	0	0	100
02-DU-1033	68	30	0	0	0	0	0	2	100
02-DU-1034	82	8	0	0	0	0	2	8	100
02-DU-1035	75	25	0	0	0	0	0	0	2
02-DU-1036	92	8	0	0	0	0	0	0	100
02-DU-1037	70	18	0	0	6	2	0	4	100
02-DU-1038	64	0	0	0	0	0	36	0	100
02-DU-1039	88	10	0	0	0	0	2	0	100
02-DU-1040	56	44	0	0	0	0	0	0	100
02-DU-1041	68	32	0	0	0	0	0	0	100
02-DU-1043	8	92	0	0	0	0	0	0	100
02-DU-1044	44	38	14	0	0	2	0	2	100
02-DU-1045	16	82	0	2	0	0	0	0	100
02-DU-1046	6	92	0	2	0	0	0	0	100
02-DU-1047	10	72	2	0	14	2	0	0	100
02-DU-1048	78	22	0	0	0	0	0	0	100
02-DU-1049	100	0	0	0	0	0	0	0	100
02-DU-1050	98	2	0	0	0	0	0	0	100
02-DU-1051	94	6	0	0	0	0	0	0	100
02-DU-1052	82	18	0	0	0	0	0	0	100
02-DU-1053	100	0	0	0	0	0	0	0	100
02-DU-1054	94	6	0	0	0	0	0	0	100
02-DU-1055	70	30	0	0	0	0	0	0	100
02-DU-1056	90	10	0	0	0	0	0	0	100
02-DU-1057	90	10	0	0	0	0	0	0	100
02-DU-1058	88	12	0	0	0	0	0	0	100
02-DU-1060	98	2	0	0	0	0	0	0	100
02-DU-1061	82	18	0	0	0	0	0	0	100
02-DU-1062	96	4	0	0	0	0	0	0	100
02-DU-1063	78	22	0	0	0	0	0	0	100
02-DU-1064	74	26	0	0	0	0	0	0	100
02-DU-1065	88	6	0	0	6	0	0	0	100
02-DU-1066	92	8	0	0	0	0	0	0	100
02-DU-1067	92	8	0	0	0	0	0	0	100
02-DU-1068	74	26	0	0	0	0	0	0	100
02-DU-1069	84	16	0	0	0	0	0	0	100
02-DU-1070	68	32	0	0	0	0	0	0	100
02-DU-1071	62	38	0	0	0	0	0	0	100
02-DU-1072	70	30	0	0	0	0	0	0	100
02-DU-1073	86	14	0	0	0	0	0	0	100
02-DU-1074	88	12	0	0	0	0	0	0	100
02-DU-1075	84	14	2	0	0	0	0	0	100
02-DU-1076	69	27	0	0	0	0	0	4	100
02-DU-1077	80	20	0	0	0	0	0	0	100
02-DU-1078	68	24	0	0	0	0	0	8	100
02-DU-1079	78	18	0	0	0	0	4	0	100
02-DU-1081	62	24	0	0	0	0	0	14	100
02-DU-1082	47	53	0	0	0	0	0	0	100
02-DU-1083	52	48	0	0	0	0	0	0	100
02-DU-1084	68	32	0	0	0	0	0	0	100
02-DU-1085	37	55	0	0	0	2	0	6	100
02-DU-1086	32	68	0	0	0	0	0	0	100
02-DU-1087	33	67	0	0	0	0	0	0	100
02-DU-1088	47	53	0	0	0	0	0	0	100
02-DU-1089	20	80	0	0	0	0	0	0	100
02-DU-1090	18	82	0	0	0	0	0	0	100
02-DU-1091	0	100	0	0	0	0	0	0	100
02-DU-1092	49	51	0	0	0	0	0	0	100
02-DU-1093	8	86	0	0	0	0	0	6	100
02-DU-1094	28	72	0	0	0	0	0	0	100
02-DU-1095	37	63	0	0	0	0	0	0	100
02-DU-1096	20	24	2	0	48	0	0	6	100
02-DU-1098	0	100	0	0	0	0	0	0	100
02-DU-1099	72	28	0	0	0	0	0	0	100
02-DU-1100	28	43	0	0	28	0	0	2	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
02-DU-1101	0	90	8	0	2	0	0	0	100
02-DU-1102	63	35	0	0	0	0	0	2	100
02-DU-1103	36	64	0	0	0	0	0	0	100
02-DU-1104	33	58	0	0	0	0	0	9	100
02-DU-1106	50	50	0	0	0	0	0	0	100
02-DU-1108	35	58	0	0	0	0	0	6	100
02-DU-1110	20	80	0	0	0	0	0	0	100
02-DU-1111	6	90	0	0	0	0	0	4	100
02-DU-1112	14	86	0	0	0	0	0	0	100
02-DU-1113	2	98	0	0	0	0	0	0	100
02-DU-1115	0	100	0	0	0	0	0	0	100
02-DU-1116	6	94	0	0	0	0	0	0	100
02-DU-1117	0	98	0	0	0	0	0	2	100
02-DU-1118	0	100	0	0	0	0	0	0	100
02-DU-1122	0	98	0	0	0	0	0	2	100
02-DU-1124	32	68	0	0	0	0	0	0	100
02-DU-1125	0	94	0	0	6	0	0	0	100
02-DU-1126	24	76	0	0	0	0	0	0	100
02-DU-1127	0	100	0	0	0	0	0	0	100
02-DU-1129	0	100	0	0	0	0	0	0	100
02-DU-1130	2	98	0	0	0	0	0	0	100
02-DU-1131	0	100	0	0	0	0	0	0	100
02-DU-1132	0	96	0	0	2	0	0	2	100
02-DU-1134	0	98	0	0	0	0	0	2	100
02-DU-1136	4	84	0	0	12	0	0	0	100
02-DU-1137	0	100	0	0	0	0	0	0	100
02-DU-1138	2	90	0	0	4	0	0	4	100
02-DU-1139	8	80	6	0	6	0	0	0	100
02-DU-1140	56	44	0	0	0	0	0	0	100
02-DU-1141	70	24	0	0	0	0	0	6	100
02-DU-1142	86	10	4	0	0	0	0	0	100
02-DU-1144	92	0	0	0	0	0	0	8	100
02-DU-1145	86	14	0	0	0	0	0	0	100
02-DU-1146	96	4	0	0	0	0	0	0	100
02-DU-1147	100	0	0	0	0	0	0	0	100
02-DU-1150	88	6	6	0	0	0	0	0	100
02-DU-1151	58	42	0	0	0	0	0	0	100
02-DU-1152	90	8	0	0	2	0	0	0	100
02-DU-1154	94	6	0	0	0	0	0	0	100
02-DU-1156	30	66	0	0	4	0	0	0	100
02-DU-1158	100	0	0	0	0	0	0	0	100
02-DU-1159	90	8	0	0	2	0	0	0	100
02-DU-1160	100	0	0	0	0	0	0	0	100
02-DU-1161	62	38	0	0	0	0	0	0	100
02-DU-1162	92	8	0	0	0	0	0	0	100
02-DU-1163	100	0	0	0	0	0	0	0	100
02-DU-1164	98	0	0	0	0	0	0	2	100
02-DU-1165	94	4	0	0	0	0	0	2	100
02-DU-1166	0	100	0	0	0	0	0	0	100
02-DU-1168	98	0	0	0	0	0	0	2	100
02-DU-1169	100	0	0	0	0	0	0	0	100
02-DU-1170	96	4	0	0	0	0	0	0	100
02-DU-1171	100	0	0	0	0	0	0	0	100
02-DU-1172	0	0	0	0	0	0	0	0	100
02-DU-1174	100	0	0	0	0	0	0	0	100
02-DU-1175	96	0	0	0	0	0	0	4	100
02-DU-1177	96	0	0	0	0	0	0	4	100
02-DU-1179	100	0	0	0	0	0	0	0	100
02-DU-1181	100	0	0	0	0	0	0	0	100
02-DU-1182	100	0	0	0	0	0	0	0	100
02-DU-1186	0	96	0	0	0	0	0	4	100
02-DU-1188	0	100	0	0	0	0	0	0	100
02-DU-1189	4	94	0	0	0	0	0	2	100
02-DU-1190	2	96	0	0	0	0	0	2	100
02-DU-1191	10	88	0	0	0	0	0	2	100
02-DU-1192	16	84	0	0	0	0	0	0	100
02-DU-1193	74	26	0	0	0	0	0	0	100
02-DU-1194	52	44	0	0	4	0	0	0	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
02-DU-1196	76	20	0	0	4	0	0	0	100
02-DU-1197	28	66	0	0	6	0	0	0	100
02-DU-1198	78	20	0	0	2	0	0	0	100
02-DU-1199	96	4	0	0	0	0	0	0	100
02-DU-1200	54	44	0	0	0	0	0	2	100
02-DU-1201	0	96	0	0	0	0	0	4	100
02-DU-1202	0	98	0	0	0	0	0	2	100
02-DU-1220	90	0	0	0	10	0	0	0	100
02-DU-1221	98	2	0	0	0	0	0	0	100
02-DU-1223	100	0	0	0	0	0	0	0	100
02-DU-1224	96	4	0	0	0	0	0	0	100
02-DU-1225	100	0	0	0	0	0	0	0	100
02-DU-1229	98	0	0	0	0	2	0	0	100
02-DU-1230	100	0	0	0	0	0	0	0	100
02-DU-1231	100	0	0	0	0	0	0	0	100
02-DU-1234	98	2	0	0	0	0	0	0	100
02-DU-1235	100	0	0	0	0	0	0	0	100
02-DU-1236	100	0	0	0	0	0	0	0	100
02-DU-1237	98	2	0	0	0	0	0	0	100
02-DU-1238	90	10	0	0	0	0	0	0	100
02-DU-1239	98	2	0	0	0	0	0	0	100
02-DU-1240	98	2	0	0	0	0	0	0	100
02-DU-1241	100	0	0	0	0	0	0	0	100
02-DU-1243	100	0	0	0	0	0	0	0	100
02-DU-1244	100	0	0	0	0	0	0	0	100
02-DU-1245	96	0	0	0	4	0	0	0	100
02-DU-1247	98	2	0	0	0	0	0	0	100
02-DU-1249	94	6	0	0	0	0	0	0	100
02-DU-1250	52	48	0	0	0	0	0	0	100
02-DU-1251	68	12	0	0	20	0	0	0	100
02-DU-1252	94	0	0	0	6	0	0	0	100
02-DU-1253	76	24	0	0	0	0	0	0	100
02-DU-1254	64	32	0	0	4	0	0	0	100
02-DU-1255	94	6	0	0	0	0	0	0	100
02-DU-1256	64	36	0	0	0	0	0	0	100
02-DU-1257	4	50	0	0	44	0	0	2	100
02-DU-1258	4	50	0	0	44	0	0	2	100
02-DU-1259	12	26	0	0	60	0	0	2	100
02-DU-1261	0	82	0	0	18	0	0	0	100
02-DU-1262	19	31	0	0	48	0	0	2	100
02-DU-1264	8	70	0	0	20	0	0	2	100
02-DU-1267	6	74	0	0	20	0	0	0	100
02-DU-1268	14	84	0	0	2	0	0	0	100
02-DU-1270	88	12	0	0	0	0	0	0	100
02-DU-1272	82	12	0	0	6	0	0	0	100
02-DU-1274	92	8	0	0	0	0	0	0	100
02-DU-1276	8	58	0	0	34	0	0	0	100
02-DU-1277	2	96	0	0	0	2	0	0	100
02-DU-1281	14	84	0	0	0	2	0	0	100
02-DU-1282	0	96	0	0	2	0	0	2	100
02-DU-1284	98	0	0	0	2	0	0	0	100
02-DU-1285	28	68	0	0	0	0	0	4	100
02-DU-1286	55	39	0	0	6	0	0	0	100
02-DU-1287	20	80	0	0	0	0	0	0	100
02-DU-1290	28	72	0	0	0	0	0	0	100
02-DU-1294	46	52	0	0	0	0	0	2	100
02-DU-1295	20	80	0	0	0	0	0	0	100
02-DU-1296	12	86	0	0	2	0	0	0	100
02-DU-1297	24	46	0	0	30	0	0	0	100
02-DU-1298	96	4	0	0	0	0	0	0	100
02-DU-1299	98	2	0	0	0	0	0	0	100
02-DU-1300	96	4	0	0	0	0	0	0	100
02-DU-1303	86	10	0	0	0	2	0	2	100
02-DU-1304	96	4	0	0	0	0	0	0	100
02-DU-1305	100	0	0	0	0	0	0	0	100
02-DU-1306	86	14	0	0	0	0	0	0	100
02-DU-1308	98	2	0	0	0	0	0	0	100
02-DU-1309	86	6	0	0	6	0	0	2	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
02-DU-1310	86	10	0	0	0	2	0	2	100
02-DU-1312	96	2	0	0	0	2	0	0	100
02-DU-1313	92	0	0	0	2	6	0	0	100
02-DU-1314	100	0	0	0	0	0	0	0	100
02-DU-1317	98	0	0	0	0	2	0	0	100
02-DU-1501	0	100	0	0	0	0	0	0	100
02-DU-1502	4	96	0	0	0	0	0	0	100
02-DU-1503	8	92	0	0	0	0	0	0	100
02-DU-1504	6	94	0	0	0	0	0	0	100
02-DU-1505	4	96	0	0	0	0	0	0	100
02-DU-1506	0	92	8	0	0	0	0	0	100
02-DU-1507	0	100	0	0	0	0	0	0	100
02-DU-1508	2	90	0	0	0	0	0	8	100
02-DU-1509	0	100	0	0	0	0	0	0	100
02-DU-1510	2	96	0	0	0	0	0	2	100
02-DU-1511	9	89	0	0	2	0	0	0	100
02-DU-1512	0	98	0	0	0	0	0	2	100
02-DU-1513	55	29	0	0	16	0	0	0	100
02-DU-1514	40	51	0	0	9	0	0	0	100
02-DU-1515	27	69	0	0	2	0	0	2	100
02-DU-1516	14	72	0	0	4	0	0	10	100
02-DU-1517	65	20	0	0	0	0	0	15	100
02-DU-1518	42	54	2	0	0	0	0	2	100
02-DU-1519	32	68	0	0	0	0	0	0	100
02-DU-1520	81	19	0	0	0	0	0	0	100
02-DU-1521	78	10	0	0	2	0	10	0	100
02-DU-1522	86	12	0	0	0	0	0	2	100
02-DU-1523	68	21	0	0	0	0	0	11	100
02-DU-1524	66	16	0	0	0	0	0	18	100
02-DU-1525	78	0	0	0	0	0	22	0	100
02-DU-1526	64	26	0	0	0	0	0	11	100
02-DU-1527	74	26	0	0	0	0	0	0	100
02-DU-1528	44	56	0	0	0	0	0	0	100
02-DU-1529	4	84	0	0	12	0	0	0	100
02-DU-1530	98	0	0	0	0	0	0	2	100
02-DU-1531	100	0	0	0	0	0	0	0	100
02-DU-1532	100	0	0	0	0	0	0	0	100
02-DU-1533	100	0	0	0	0	0	0	0	100
02-DU-1534	96	4	0	0	0	0	0	0	100
02-DU-1535	100	0	0	0	0	0	0	0	100
02-DU-1536	54	46	0	0	0	0	0	0	100
02-DU-1537	92	8	0	0	0	0	0	0	100
02-DU-1538	100	0	0	0	0	0	0	0	100
02-DU-1539	98	0	0	0	0	2	0	0	100
02-DU-1540	94	6	0	0	0	0	0	0	100
02-DU-1541	100	0	0	0	0	0	0	0	100
02-DU-1542	98	0	0	0	0	0	0	2	100
02-DU-1543	70	30	0	0	0	0	0	0	100
02-DU-1544	96	0	0	0	2	0	0	2	100
02-DU-1545	77	23	0	0	0	0	0	0	100
02-DU-1546	100	0	0	0	0	0	0	0	100
02-DU-1547	100	0	0	0	0	0	0	0	100
02-DU-1548	58	34	0	0	0	0	0	8	100
02-DU-1549	72	22	0	0	0	0	0	6	100
02-DU-1550	82	15	0	0	0	0	0	4	100
02-DU-1551	78	20	0	0	2	0	0	0	100
02-DU-1552	52	48	0	0	0	0	0	0	100
02-DU-1553	78	22	0	0	0	0	0	0	100
02-DU-1554	100	0	0	0	0	0	0	0	100
02-DU-1555	16	80	0	0	0	0	0	4	100
02-DU-1556	10	81	0	0	4	2	0	2	100
02-DU-1557	10	14	0	0	76	0	0	0	100
02-DU-1558	6	90	0	0	4	0	0	0	100
02-DU-1559	2	58	0	0	40	0	0	0	100
02-DU-1560	13	62	0	0	13	0	0	13	100
02-DU-1561	6	88	0	0	6	0	0	0	100
02-DU-1562	12	73	0	0	8	0	0	6	100
02-DU-1563	58	18	0	0	24	0	0	0	100

Appendix IX - Till clast lithologies

Site	Granite and Gneiss (%)	Longstaff Fm (%)	Shale (%)	Marble (%)	Quartzite (%)	Mafics (%)	Limestone (%)	Vein Qtz (%)	Total (%)
02-DU-1564	100	0	0	0	0	0	0	0	100
02-DU-1565	69	29	0	0	0	0	0	2	100
02-DU-1566	29	71	0	0	0	0	0	0	100
02-DU-1567	43	55	0	0	2	0	0	0	100
02-DU-1569	0	100	0	0	0	0	0	0	100
02-DU-1570	0	100	0	0	0	0	0	0	100
02-DU-1571	2	96	0	0	0	0	0	2	100
02-DU-1572	0	96	0	0	0	0	0	4	100

Appendix X: Grain size data

Appendix X - Grain size data

Sample No.	Weight % granules-sand-silt-clay			
	4 - 2 mm	2mm-0.063mm	0.063mm-0.002mm	< 0.002mm
01-DU-002	5	32	62	1
01-DU-004	8	38	54	0
01-DU-007	7	34	59	0
01-DU-008	8	36	56	0
01-DU-009	5	49	43	2
01-DU-013	5	43	51	1
01-DU-017	7	46	46	1
01-DU-018	0	4	92	5
01-DU-019	5	44	51	0
01-DU-022	5	41	53	1
01-DU-026	8	55	34	3
01-DU-030	6	49	43	2
01-DU-033	5	51	43	1
01-DU-044	8	55	35	2
01-DU-047	7	52	34	7
01-DU-048	6	62	32	0
01-DU-058	9	42	49	0
01-DU-061	7	37	55	1
01-DU-062	0	8	90	2
01-DU-063	7	32	61	1
01-DU-068	9	71	20	0
01-DU-072	15	55	30	0
01-DU-074	8	54	38	1
01-DU-076	7	55	36	2
01-DU-077	7	56	36	1
01-DU-083	7	57	32	4
01-DU-084	5	49	43	2
01-DU-086	8	60	32	0
01-DU-093	10	67	24	0
01-DU-094	6	65	28	0
01-DU-096	5	44	50	1
01-DU-098	9	56	33	1
01-DU-099	13	49	37	0
01-DU-107	10	67	23	0
01-DU-108	8	62	30	0
01-DU-115	9	53	37	1
01-DU-116	11	68	21	0
01-DU-117	11	79	10	0
01-DU-119	8	89	3	0
01-DU-120	22	72	6	0
01-DU-123	8	59	29	4
01-DU-124	17	67	16	0
01-DU-125	8	56	35	0
01-DU-126	11	68	19	2
01-DU-129	6	66	26	2
01-DU-130	6	65	28	2
01-DU-131	8	76	16	0
01-DU-134	9	52	38	1
01-DU-136	20	47	29	4
01-DU-137	3	64	32	1
01-DU-140	9	68	22	0
01-DU-147	6	65	29	0
01-DU-148	7	64	29	0
01-DU-149	9	65	26	0
01-DU-151	4	47	47	2
01-DU-152	5	58	37	0
01-DU-153	6	48	46	1
01-DU-154	7	50	42	1
01-DU-155	8	66	27	0
01-DU-156	8	64	28	0
01-DU-157	15	67	18	0
01-DU-160	6	53	40	1
01-DU-162	13	54	32	1
01-DU-165	3	76	21	0
01-DU-166	3	59	37	1

Appendix X - Grain size data

Sample No.	Weight % granules-sand-silt-clay			
	4 - 2 mm	2mm-0.063mm	0.063mm-0.002mm	< 0.002mm
01-DU-168	4	56	39	1
01-DU-170	5	33	62	0
01-DU-171	1	40	58	0
01-DU-172	3	38	59	0
01-DU-176	6	68	26	0
01-DU-180	11	80	8	0
01-DU-181	5	57	37	0
01-DU-182	6	60	34	0
01-DU-185	9	64	28	0
01-DU-186	10	70	20	0
01-DU-187	5	49	46	0
01-DU-188	9	57	35	0
01-DU-189	7	61	31	1
01-DU-190	12	63	24	2
01-DU-191	10	48	41	0
01-DU-192	5	57	37	0
01-DU-193	8	68	23	1
01-DU-195	8	64	28	0
01-DU-196	6	34	60	1
01-DU-198	6	53	41	0
01-DU-199	7	64	30	0
01-DU-201	6	48	46	0
01-DU-202	9	49	42	0
01-DU-203	4	56	40	0
01-DU-206	6	39	53	1
01-DU-207	0	1	83	16
01-DU-209	7	44	50	0
01-DU-211	4	39	56	0
01-DU-212	4	48	46	2
01-DU-213	6	56	38	0
01-DU-214	11	32	57	0
01-DU-215	0	4	96	0
01-DU-216	8	31	61	0
01-DU-217	5	30	64	0
01-DU-218	8	32	61	0
01-DU-222	7	49	44	0
01-DU-223	9	49	43	0
01-DU-224	3	57	40	0
01-DU-226	5	34	61	0
01-DU-227	4	28	68	0
01-DU-236	8	55	36	2
01-DU-237	4	47	45	3
01-DU-238	7	34	59	0
01-DU-239	5	55	39	1
01-DU-240	10	58	32	0
01-DU-241	10	70	19	1
01-DU-243	11	65	23	0
01-DU-244	6	41	53	0
01-DU-245	5	32	63	0
01-DU-246	8	52	40	0
01-DU-247	4	48	47	0
01-DU-248	6	32	62	0
01-DU-249	7	33	59	0
01-DU-250	9	32	59	0
01-DU-251	9	33	59	0
01-DU-253	9	52	35	4
01-DU-254	5	43	46	6
01-DU-255	5	51	40	4
01-DU-256	8	56	36	0
01-DU-257	9	63	28	1
01-DU-259	12	54	32	2
01-DU-260	5	52	41	2
01-DU-261	4	49	45	2
01-DU-262	5	40	55	0
01-DU-263	7	55	31	7

Appendix X - Grain size data

Sample No.	Weight % granules-sand-silt-clay			
	4 - 2 mm	2mm-0.063mm	0.063mm-0.002mm	< 0.002mm
01-DU-264	6	54	38	2
01-DU-265	4	47	46	3
01-DU-266	8	50	40	2
01-DU-267	7	53	40	0
01-DU-268	8	67	24	1
01-DU-269	10	61	28	1
01-DU-270	8	54	35	3
01-DU-271	5	34	56	6
01-DU-272	7	54	35	4
02-DU-1007	4	56	39	1
02-DU-1017	8	45	47	1
02-DU-1034	8	53	35	4
02-DU-1054	7	71	22	1
02-DU-1056	7	62	30	1
02-DU-1066	5	55	34	6
02-DU-1095	4	63	33	0
02-DU-1100	4	62	33	0
02-DU-1118	5	47	48	0
02-DU-1130	1	52	46	0
02-DU-1152	6	68	26	0
02-DU-1164	7	63	28	2
02-DU-1175	12	69	18	0
02-DU-1179	4	74	21	1
02-DU-1185	4	67	30	0
02-DU-1190	4	54	41	1
02-DU-1196	7	54	38	1
02-DU-1254	9	60	29	2
02-DU-1261	9	52	38	0
02-DU-1262	5	62	34	0
02-DU-1268	8	59	33	1
02-DU-1277	7	51	42	1