



Natural Resources

Mines Branch

**GEOCHEMICAL RE-ANALYSIS OF TILL SAMPLES
FROM THE STRANGE LAKE AREA, LABRADOR
(NTS MAP SHEETS 14D/5 and 24A/8)**



M.J. Batterson and D.M. Taylor

Open File LAB/1479

**St. John's, Newfoundland
August, 2009**

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Cover: Northward-looking view of a 30-m-high esker ridge within an outwash paleo-channel along the southern shore of Strange Lake. This esker contains sediment from the Strange Lake deposit, and in fact, it was in this area that the first mineralized clast associated with the deposit was found. Eskers are prominent features on the Nain Plateau and represent subglacial drainage systems beneath the Laurentide Ice Sheet. The fluted till surface of the Nain Plateau is noted to the west of the esker. Individual flutes are commonly subdued, although large crag-and-tail hills are found. These are important features in understanding dispersal patterns from the Strange Lake deposit.



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ABSTRACT

This report provides the results of the re-analysis of till samples collected in the Strange Lake area, northern Labrador in 1983 and 1984. The re-analysis provides geochemical data for 57 elements from 570 BC- or C-horizon till samples, and includes analyses by ICP-ES for aluminum, arsenic, barium, beryllium, cadmium, calcium, cerium, chromium, cobalt, copper, dysprosium, iron, lanthanum, lead, lithium, magnesium, manganese, molybdenum, nickel, niobium, phosphorus, potassium, scandium, sodium, strontium, titanium, vanadium, yttrium, zinc and zirconium; by INAA for antimony, arsenic, barium, bromine, cerium, caesium, chromium, cobalt, europium, gold, iron, hafnium, lanthanum, lutetium, molybdenum, rubidium, scandium, samarium, selenium, sodium, tantalum, terbium, thorium, tungsten, uranium, ytterbium and zirconium. A complete data listing and individual element maps on a bedrock geology base map are also provided.

The source of mineralization is known in this area – the Strange Lake Zr–Nb–Y–Be–REE deposit that was discovered by the Iron Ore Company of Canada in 1979 using boulder-tracing methods, during a follow-up survey to a combined regional fluorine-in-water and uranium-in-lake sediment anomaly. A ribbon-shaped dispersal train, parallel to flow directions from late Wisconsinan, Laurentide ice, extend for at least 40 km. Single-element maps for ore-related geochemical components show that the mineralization is best identified by Be, La, Pb, Nb and Y. The deposit is also defined by Ce, Rb, Th, U and Zr, but not as clearly. Well-defined geochemical anomalies, within the dispersal train, are the result of englacial transport within the ice, and the interception of these debris planes by topographic highs.

INTRODUCTION

This report describes the till geochemistry of the Strange Lake area, northern Labrador, and provides the results of the re-analysis of till samples collected in 1983 and 1984. The initial open file release (Batterson, 1989) provided data on 25 elements, by atomic absorption spectrophotometry, X-ray fluorescence or neutron-activation techniques. This present re-analysis provides geochemical data for 57 elements from 570 BC- or C-horizon till samples, and includes analyses by ICP-ES and INAA, and is the most recent addition to open file releases in Newfoundland (Batterson and Taylor, 2001, 2003, 2004a, 2006, 2007, 2009; Batterson *et al.*, 1998; Liverman *et al.*, 1996, 2000), and Labrador (Batterson and Taylor, 2004b, 2005; Liverman *et al.*, 1993; McCuaig, 2002, 2005). Open file releases of till geochemistry results from these projects have been successful in generating exploration activity, with over 5000 claims staked directly following the release of the data.

This report draws heavily on previous publications on the Quaternary geology and till geochemistry of the Strange Lake area (Batterson, 1989a, b, 1991). It differs from most other till geochemistry open files produced by the Geological Survey of Newfoundland and Labrador, in that the source of mineralization is already known (*cf.*, Batterson and Liverman, 2001). The characteristics and nature of dispersal trains is therefore described in more detail in this report than in others.

The Zr–Nb–Y–Be–REE deposit at Strange Lake (hereafter referred to as the Strange Lake deposit) was discovered by the Iron Ore Company of Canada in 1979 during a follow-up survey to a combined regional fluorine-in-water and uranium-in-lake sediment anomaly. The deposit has estimated reserves of at least 52 million metric tons (Venkateswaran, 1983), and an average ore grade of 3.25% ZrO₂, 0.66% Y₂O₃, 0.12% BeO, 0.56% Nb₂O₅, and 1.3% rare-earth oxides (Dawe, 1984).

LOCATION AND ACCESS

Strange Lake is located approximately 15 km northeast of Lac Brisson, Québec. The Strange Lake deposit is situated approximately 145 km west of Nain, Labrador, on the Labrador–Québec border (Figure 1). The study area consists of NTS map sheets 14D/5 and the Labrador portion of 24A/8, an area of approximately 1010 km², lying between 63°30' and 64°10'W and 56°15' and 56°30'N. The area is accessible using helicopter or fixed-wing aircraft and an overland route to the deposit from the coast is being considered should the deposit be developed. The direction of this route has not as yet been determined and is more fully discussed by Ricketts (1987).

PHYSIOGRAPHY

The study area has been characterized as 'high plateau' (Douglas and Drummond, 1955; Lopoukhine

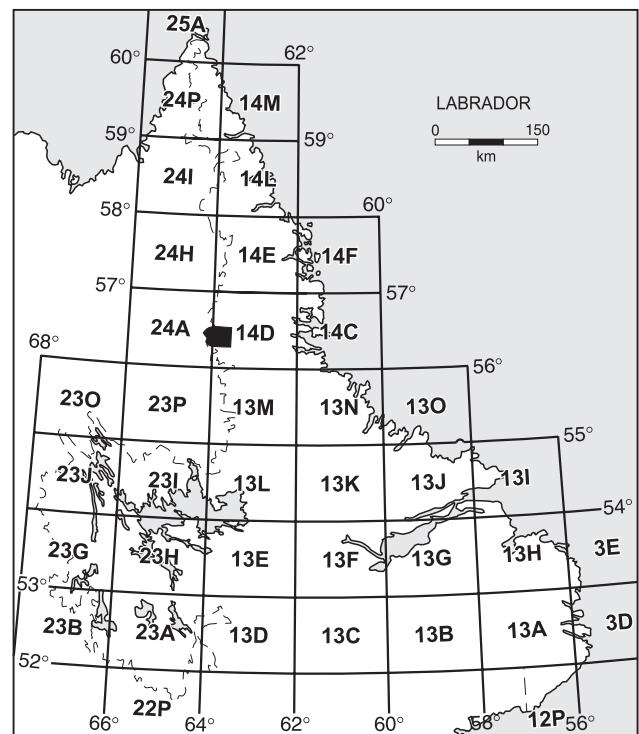


Figure 1. Location of study area.

et al., 1977), although the latter authors refined the description to one of a 'dissected upland' comprising a veneer of till over bedrock, commonly drumlinized, along with small areas of bedrock and colluvium. More recently, the terrain features have been described, in detail, by McConnell *et al.* (1984) and Batterson *et al.* (1985). The major topographic feature in the Strange Lake vicinity is a peneplain surface (the Nain Plateau of Ives, 1960a) that was elevated above the sea during the Pliocene (Cooke, 1929). This plateau has a maximum elevation of 700 m above sea level (asl) near the coast, and generally decreases in elevation inland. The Nain plateau is dissected by a number of major river valleys in the vicinity of the study area, *e.g.*, the Fraser, Anaktalik, Ikadlivik, Konrad and Kogaluk River valleys. Of these, the Fraser River valley is the most extensive, penetrating inland for over 100 km, with the lower 60 km forming the fjord, Tasisuak Lake (Plate 1). Valley sidewalls throughout the fjord reach heights of 450 to 500 m. The study area has a mean elevation of 500 m asl, although uplands reach up to 600 m asl. The Strange Lake area lies on the eastern side of the Atlantic Ocean–Ungava Bay watershed, which defines the boundary between Labrador and Québec. Within the vicinity of the deposit, the watershed occurs in an area of subdued relief and is poorly defined.



Plate 1. Panoramic view looking east along the Fraser River valley with Tasisuak Lake in the background. The valley sidewalls are commonly 400-m high. The valley was a major outlet for glacial ice, during the late Wisconsinan.

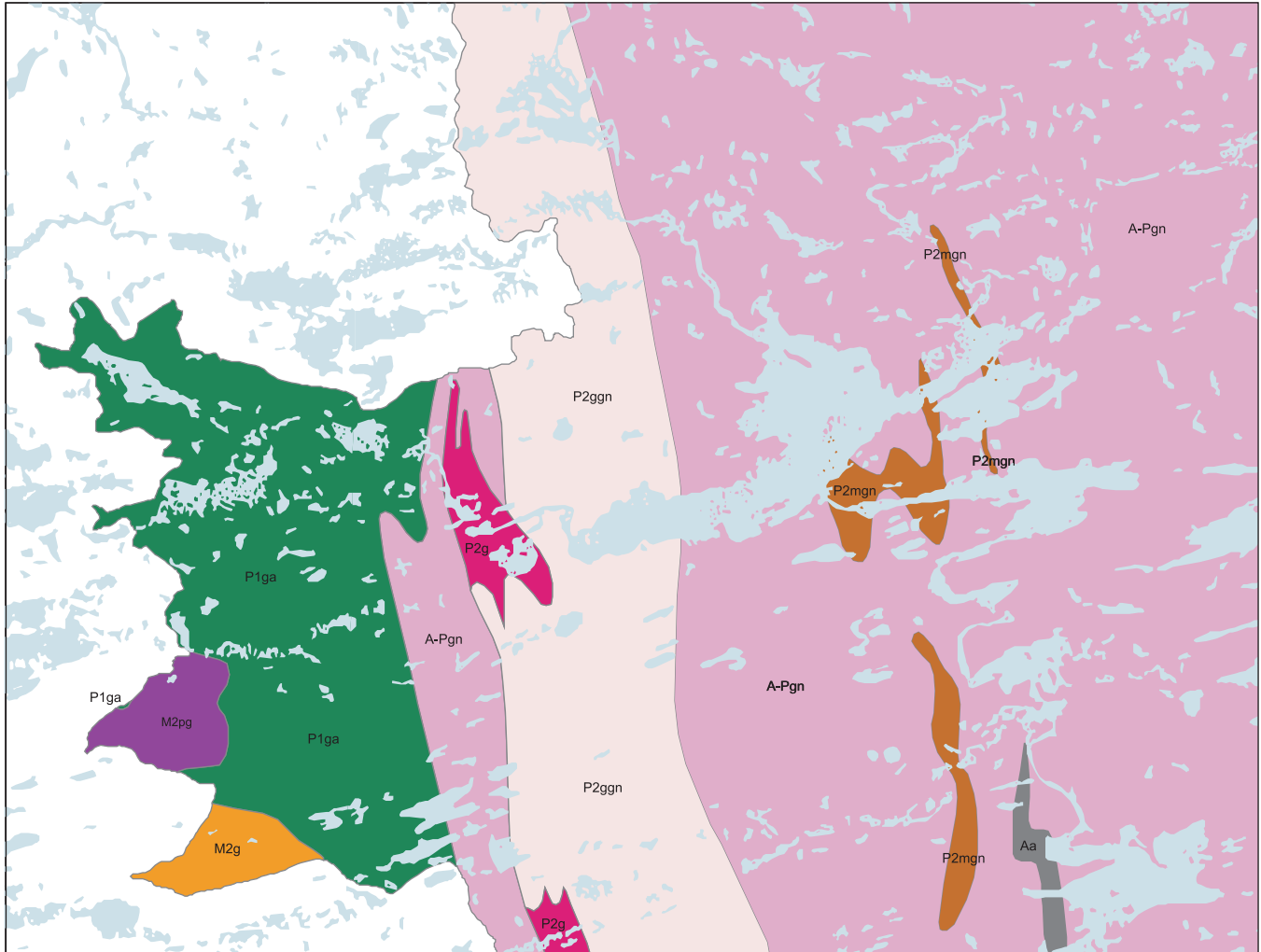
GLACIAL HISTORY

Evidence from numerous sources, both terrestrial and marine, suggests a complex series of glaciations during the Quaternary for most of northeastern North America (*e.g.*, John, 1979; Denton and Hughes, 1981). In the Strange Lake area, however, only evidence of late Wisconsinan glaciation is found and this was the last major phase of glacial activity in northern Labrador. There had been no previous Quaternary research in the Strange Lake area prior to the discovery of the deposit. However, studies have been undertaken on the glaciation and deglaciation of the George River valley to the west (*e.g.*, Barnett and Peterson, 1964), and on the development of weathering zones and deglaciation in the coastal areas around Nain (*e.g.*, Ives, 1978).

The Laurentide ice sheet is considered to have developed through ‘instantaneous glacierization’ of upland surfaces as a result of climatic cooling (Ives, 1957; Ives *et al.*, 1976). Year-round snow on the uplands would alter atmospheric circulation patterns, leading to a lowering of the snowline and a rapid build-up of glacier ice. Ice-flow patterns reveal an essentially radial flow related to an ice dome (or domes) and associated ice divides, located to the east of Hudson Bay (Shilts *et al.*, 1979; Shilts, 1980; Hillaire-Marcel *et al.*, 1980; Dyke and Prest, 1987). Flow was not topographically controlled in the high plateau areas, as confirmed by the oblique orientation of lineated till features across major river valleys, which were probably filled with inactive ice (Ives, 1960b). The Strange Lake area was completely covered by ice during the late Wisconsinan. The lack of recessional moraines and the widespread presence of glaciofluvial features suggest deglaciation probably occurred by downwasting rather than a recessional process, exposing the coastal highlands first (Ives, 1960b). Deglaciation commenced about 10 500 years BP on the Labrador coast (Short, 1978) and progressed in a southwesterly direction. As the Laurentide ice sheet receded over the Atlantic Ocean–Ungava Bay watershed, a succession of proglacial lakes developed, ponded between inland ice situated over Ungava Bay to the north, and the Labrador–Ungava plateau to the west and south, and the highlands to the east (Ives, 1960a). The proglacial lake system is named Lake Naskaupi-McLean (Ives, 1960a), although the two lakes were only united during the initial stages of development. Radiocarbon dates from basal lake sediments record initial lake development postdating 8700 years BP and provide an approximate date for deglaciation of the Strange Lake area. The analysis of the shorelines (to Naskaupi 2, the largest of three known lakes) reveals that they are tilted to the southwest (Barnett and Peterson, 1964), which provides additional evidence that the Labrador–Ungava peninsula was a major ice-dispersal centre. Eventual drainage of glacial Lake Naskaupi-McLean occurred as successively lower outflow channels were exposed, primarily through the Kogaluk River system (Barnett and Peterson, 1964), with lesser discharge routes via the Fraser River and other more southerly outlets (Prest *et al.*, 1968). The Strange Lake area was unaffected by major drainage from Lake Naskaupi-McLean, although the elevation and position of the area relative to the proglacial lakes suggests some outflow was likely.

BEDROCK GEOLOGY OF THE STRANGE LAKE AREA

Apart from studies of the peralkaline granite complex, which hosts the Strange Lake deposit, the field area has been mapped by Taylor (1970, 1979), and Ryan *et al.* (1988, 2003; Figure 2). The geology consists of Mesoarchean and Paleoproterozoic gneiss and associated rocks. These rocks are generally medium-grained, variably migmatized mafic gneiss (amphibolite, mafic granulite, gabbro-norite) (Ryan *et al.*, 2003), although variations in texture and colour are common. Younger late Paleoproterozoic medium- to



Middle Mesoproterozoic

M2pg Strange Lake Intrusive Suite
 Fine- to medium-grained, rare-metal-enriched, peralkaline, arfvedsonite granite.

Early Mesoproterozoic

M2g Napeu Kainiut Intrusion
 Hypidiomorphic quartz monzonite and granite

Late Paleoproterozoic

P2g Massive to weakly foliated, generally medium- to fine-grained, pink biotite +/- muscovite granite

Early Paleoproterozoic

P1ga Metamorphosed suite of plutonic rocks. Mostly fine- to medium-grained gabbro-norite and foliated to gneissose derivatives

P2ggn Dark-grey-weathering, biotite and hornblende-rich gneiss and intercalated mafic gneiss, intruded by several generations of medium-grained to pegmatoidal granite

Archean and Paleoproterozoic

P2mgn Dark-grey, dark-green and black weathering, generally medium-grained, variably migmatized, amphibolite, mafic granulite and gabbro-norite

Neoproterozoic and Paleoproterozoic

A-Pgn Undivided and diverse group of buff-, white-, grey- and pink-weathering gneissic rocks

Paleoarchean and Mesoarchean

Aa Predominantly white-weathering, locally quartz-bearing, recrystallised and foliated anorthosite and leucogabbro-norite and migmatized variants

Figure 2. Bedrock geology of the Strange Lake area (modified from Ryan et al., 2003).

fine-grained, biotite ± muscovite granite and early Mesoproterozoic hypidiomorphic quartz monzonite (Napeu Kainiut Intrusion; Ryan *et al.*, 2003) are intruded in the western and central part of the study area. The reader is referred to Ryan *et al.* (2003) for more detailed descriptions of the bedrock geology of the area.

Detailed bedrock mapping by Zajac *et al.* (1984) and Miller (1986, 1990) defined the Strange Lake Intrusive Suite as hosting the Strange Lake deposit. This deposit is hosted within a 1271 ± 30 Ma (Zajac *et al.*, 1984) peralkaline granite intrusion having an irregular ovoid (8 by 6 km) surface expression, occupying a surface area of about 32 km². The margins of the Strange Lake peralkaline granite are delineated by a ring fault, which is a prominent fluorite and fluorite–hematite bearing breccia zone, dipping toward the northwest at about 20 to 35° (Zajac *et al.*, 1984). Mineralogically, the Strange Lake peralkaline granite is made up of quartz, feldspar (albite + K-feldspar, or micropertthite), riebeckite and aegerine. The Strange Lake deposit is ‘strange’ because it contains some rare and, until recently, unnamed minerals and is enriched in many incompatible elements (Miller, 1986). These ‘exotic’ minerals and their associated ore elements include elpidite (Na-Zr silicate), and gittinsite (Ca-Zr silicate), plus pyrochlore (Nb, Ta), armstrongite (Zr), gadolinite (Y, Be), kainosite (Y), fluorite, allanite (Ce, Y), sphene, zircon, thorite and narsarsukite [(Na-Ti), Fe silicate] (Zajac *et al.*, 1984; Currie, 1985; Miller, 1986). On the basis of the relative proportions of these ‘exotic’ minerals, Miller (1986, 1990) has subdivided the complex into three discrete units. The exotic-poor phase contains less than 5 percent ‘exotic’ minerals and comprises about 70 percent of the complex, predominantly the outer margins; the exotic phase contains 5 to 10 percent and locally up to 15 percent ‘exotic’ minerals and occupies the central part of the complex; and the exotic-rich phase contains greater than 10 percent exotic minerals and has the highest grade mineralization. The exotic-rich phase is the smallest unit in area (approximately 1 km²) but contains up to 2.4 percent ZrO₂, 3.3 percent Y₂O₃, 0.9 percent Nb₂O₅, 1.5 percent BeO and 2.6 percent total REEs. These major groups can also be subdivided on the basis of grain size, and the presence or absence of inclusions.

THE QUATERNARY GEOLOGY OF THE STRANGE LAKE AREA

GLACIAL EROSIONAL FEATURES

Although the area is heavily drift covered, two major types of erosional features are present; *rôches moutonnées*, and striations. *Rôches moutonnées* are oriented parallel to glacial flow, and have a pronounced asymmetric profile (Plate 2). They are commonly less than 3 m high and are formed through abrasion on the up-glacier side, and plucking by freeze-thaw within a cavity on the down-glacier side (Sugden and John, 1976). *Rôches moutonnées* occur over the entire study area and provide a clear indication of the sub-glacial environment. In the Strange Lake area, *rôches moutonnées* are oriented between 060 and 070°, trending more northward in the east compared to the west. Variations of striae directions around *rôches moutonnées* indicate that ice was moulded around the outcrops and this reflects plastic flow conditions at the base of the ice. (Striations are linear abrasions that are made on exposed bedrock/clast surfaces by debris transported at the base of the ice. They are good indicators of glacial-flow direction because they form parallel to the ice flow.) The effectiveness of abrasion is dependent on the presence and the continued supply of debris to the glacier bed plus actively sliding basal ice. Ice thickness, particle and bedrock characteristics, and the presence of basal water, are also important factors in affecting the rate and type of abrasion (Sugden and John, 1976). In the Strange Lake area, striations have three distinct forms

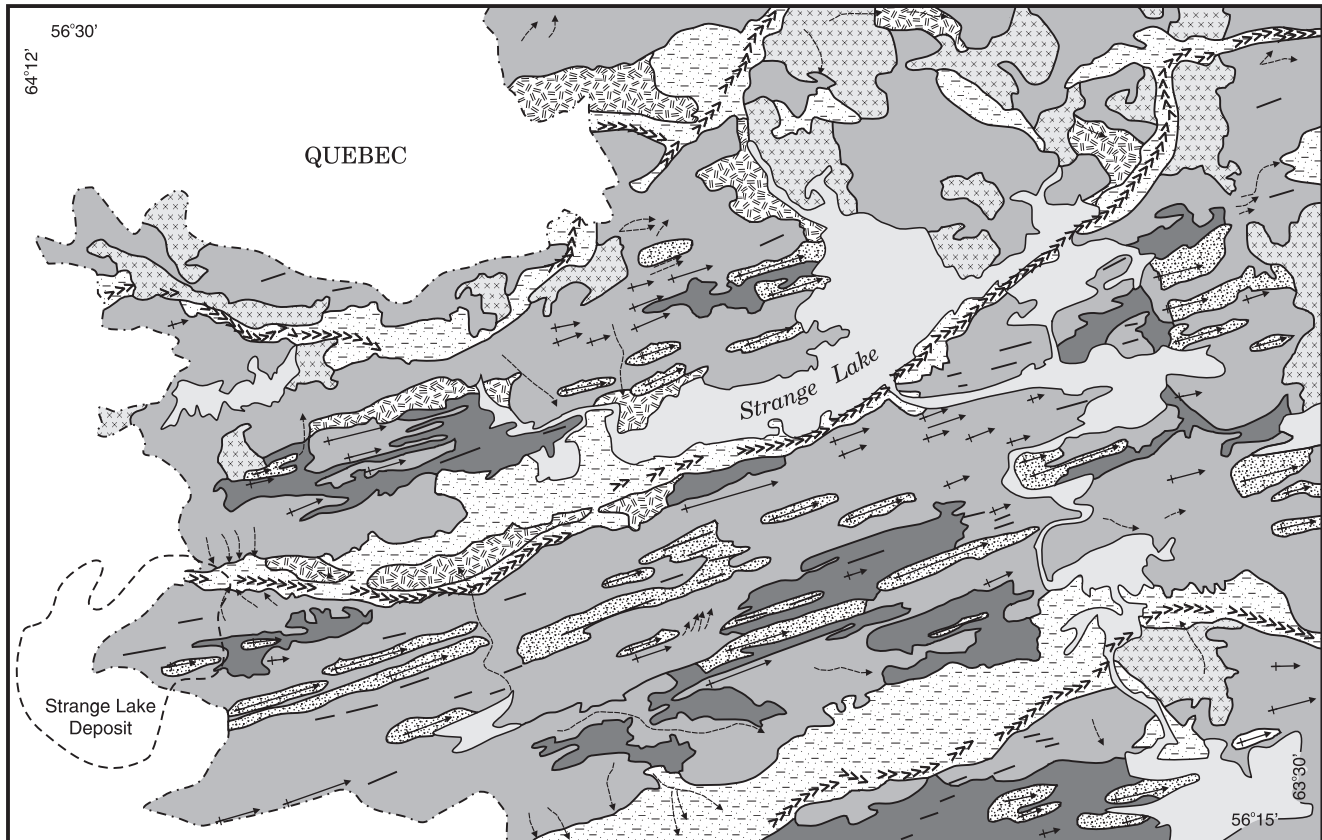


Plate 2. *Rôche moutonnées* at Strange Lake. Ice flow in direction of arrow.

(scratches, nail-heads and grooves) that occur at micro- and macro-scales. Micro features (2 cm in length, by 0.2 cm in depth and width) are non-directional striations and directional ‘nail-head striations’, with their heads located in the down-ice direction; they are relatively rare, except on fine-grained xenoliths, because the medium- to coarse-grained bedrock is not conducive to the preservation of this type of striation. More common are macro-scale grooves (20- to 100-cm long by 5- to 20-cm wide and 0.5- to 3-cm deep). The trend of the grooves is consistent with striae, commonly cutting across the structural grain of bedrock on which they are found. In places, micro-scale striations occur within the macro-scale grooves. Only one ice-flow direction has been found in the study area. Deflection of ice around bedrock outcrops is shown by diverging and converging striations on the up-ice and down-ice sides of outcrops respectively.


GLACIAL DEPOSITS

The glacial depositional environment is characterized by constructional landforms (*e.g.*, flutes, crag-and-tail hills, eskers) and consists of glacial diamicton and gravel (Figure 3).





LEGEND


Post-glacial

 Organics : Poorly drained bog of variable thickness. Commonly overlies till

Glacial


 Glaciofluvial veneer : Thin (<1m) cover of fine- to medium-sand and associated gravels over till or bedrock

 Glaciofluvial : Generally fine- to medium-stratified sands and associated gravels. Generally, confined to paleochannels. Gravel-rich esker ridges (5-25 m) are common

 Streamlined Till : Till with fine sand matrix. 10-30% clast content, some fine sand to silt lenses. Probably of basal origin. Occurs as flutes or crag-and-tail hills up to 50m high and 5000m long

 Till : Description as above. Surface may have gullied or featureless expression. Commonly greater than 2m thick


Pre-glacial

 Bedrock : Area dominated by bedrock. Numerous pockets (<1m thick) of glacial sediment common

SYMBOLS

 Ridge parallel to flow

 Crag-and-tail hill

 Esker

 Meltwater channels

Figure 3. Surficial geology of the Strange Lake area (modified from Batterson, 1989b).

Diamicton

Three types of diamicton were identified in the study area.

Type I. This type is a thin (50 to 60 cm), massive, over-consolidated diamicton having a silty to fine sandy matrix, and striated clasts of predominantly local origin. Anomalous Strange Lake deposit-related element values and radiometric levels that are considerably higher than the overlying sediment correspond to the mineralized bedrock that it directly overlies, and is suggestive of a local origin for this material. Together, these characteristics suggest a subglacial (lodgement?) genesis *i.e.*, deposited from the sliding base of a dynamically active glacier by pressure melting and/or other mechanical processes (Ashley *et al.*, 1985). This type was identified in the trench excavated by the Iron Ore Company of Canada to expose exotic-rich bedrock.

Type II. This type is a normally consolidated diamicton that has a sandy to silty matrix. It contains thin (less than 2 to 3 cm), well-sorted lenses of fine- or medium- sand. Irregularly shaped inclusions (2 to 3 mm diameter) of pink sand (possibly related to the peralkaline granites) are also found. This type lies stratigraphically above diamicton Type I in one locality and is common throughout the field area. Distinct geochemical and radioactive breaks occur between this type and the underlying one (Batterson, 1989). Strange Lake deposit-related element values and the radioactive response are lower than the underlying diamicton type (Type I), and suggest that this unit contains a higher proportion of far-travelled clasts and matrix than the underlying Type I diamicton. Within the Iron Ore Company of Canada trench, up to 3 m of Type II diamicton are exposed. The characteristics of this sediment are consistent with those of a subglacial melt-out till *i.e.*, a till formed by the slow release of debris from glacier ice that is not sliding or deforming internally (Ashley *et al.*, 1985).

Type III. This type consists of boulders and clasts that are angular to sub-angular and are not striated. In all cases they directly overlie diamicton Type II. These boulder concentrations occur in close association with areas of glaciofluvial sediment in the southern, central and northern parts of the field area. The boulders in the south-central area are distal in origin, whereas those in the north are all of local origin. This is the uppermost stratigraphic unit and may be supraglacial in origin.

Glaciofluvial Sediments

Glaciofluvial outwash is restricted to a series of paleochannels in the southern, central and northern parts of the study area. In these channels, there is a veneer of dominantly sand-sized material overlying bedrock or diamicton and distinct gravelly esker ridges. The outwash channels are wide (commonly wider than 2 km) and contain numerous areas of bedrock, kettleholes, and hummocks comprising melt-out till covered by a veneer of boulders. Hummocks may represent the discharge of (frozen?) blocks of diamicton from the downwasting ice sheet and their subsequent melting out within the outwash system.

Organic Sediments

Organic sedimentation in the Holocene is common across the area. These sediments reflect poorly drained terrain and commonly form a veneer over till. The organic veneer is found at all elevations and is not restricted to low lying areas.

Lacustrine Sediments

Minor areas of fine-grained sediments related to postglacial wave reworking of primarily outwash sediments were observed around Strange Lake and other lakes in the area, although generally not as contiguous units that could be mapped.

OVERBURDEN THICKNESS

Overburden thickness data were calculated from drill logs, contained within Iron Ore Company of Canada assessment reports, covering a claim area of about 35.6 km² on NTS map sheet 24A/8. The maximum recorded overburden thickness within this area is 18.6 m, the average being between 4 and 6 m (Batterson, 1989a). Quantitative data is not available on overburden thickness outside the Iron Ore Company of Canada's claim areas. Thin overburden was noted within some of the outwash channels and in the proximity of bedrock crags. Areas of thicker drift are expected in till tails, which reach heights of 30 m down-ice of bedrock crags. Overburden cover, which decreases in thickness in the northeastern quadrant of the study area, mainly consists of a concentration of locally derived diamicton overlying bedrock. The reason for the thinner drift in the area is unclear but may relate to its topographic setting up-ice of an upland. The consequent compressive flow regime may have resulted in continued erosion, and deposition only occurring during deglaciation.

GEOMORPHOLOGY

The Strange Lake area is dominated by several glacial features.

Crag-and-tail hills: These are streamlined landforms that have a complex depositional history. They are elongate hills, having a steep, narrow, up-ice side and a gentle, long, down-ice profile (Plate 3). The crest is commonly associated with a bedrock knob; the crag. Crag-and-tail hills are common features in the Strange Lake area; the dimensions vary considerably, ranging from small-scale features 5-m high and 100-m long, to large 50-m high and 4-km long hills. No sections exist through the crag-and-tail hills and therefore the internal structure is unknown. Shallow test-pits reveal sediment with characteristics consistent with diamicton Type II, *i.e.*, sediment deposited by subglacial melt-out. The crags, especially the higher ones, are commonly composed of amphibolite facies or quartzofeldspathic gneiss. Hillefors (1973), Sugden and John (1976), Boulton (1982) and others suggest that the genesis of crag-and-tail hills may be associated with that of glacial flutes and correspond to the development of cavities down-ice of a boulder or bedrock obstruction. A cavity develops where ice flows over a high point on an irregular bedrock surface. The shape and dimensions of the cavity, and thus the tail, are determined by a series of factors, including horizontal and vertical ice-velocity, height of the bedrock hump and its length parallel to flow, and subglacial hydrostatic pressure (Boulton, 1982; Eyles, 1983). Crag-and-tail hills occur where water-saturated diamicton is squeezed into a cavity that has a low confining pressure compared to surrounding areas (Sugden and John, 1976). It is likely that the formation of crag-and-tail hills in the Strange Lake area is a result of a combination of processes, including migration of material into a cavity or low pressure zone, erosion and subsequent deposition of material derived from the crags, either by subglacial melt-out from the glacier sole, or lodgement of sediment where the sole comes into contact with the substratum. This diamicton, deposited in the lee of an obstruction, has been termed 'lee-side till' (Hillefors, 1973). Sand and silt lenses observed within the diamicton, and near the surface (upper 1 m), imply that the glacier sole was not always in direct contact with the tail-forming material because these structures



Plate 3. *Crag-and-tail hill in the Strange Lake area. These features commonly showed anomalously high geochemical values compared to surrounding areas, somewhat independent of distance from source. This led Batterson (1989b) to speculate that these topographic highs ‘intercepted’ complex-derived sediment transported either englacially or high in the basal debris layer.*

would unlikely survive active ice modification. On the up-ice side of bedrock crags, till ‘ramps’ are common. They are more steeply sloped than till tails, and are formed as debris-rich basal ice either stagnates or is lodged on the proximal side of an obstruction; ice on the up-glacier side consequently shears over and around the new obstruction (Eyles, 1983). The debris-rich ice melts-out *in situ* although lodgement on the upper surface is likely as till-ice contact is maintained (Boulton, 1970, 1982). Therefore, it may be expected that this stoss-side material is more compacted than that in the lee of the crag (Hillefors, 1973).

In the Strange Lake area, the crag-and-tail hills have a distinct asymmetric profile, the south-facing side being steeper than the north. This asymmetry is likely the result of postglacial snow patch accumulation on the south-facing slopes and the accelerated erosion of these slopes during the melt season.

Eskers: The dominant features within the outwash terrain are esker ridges. These are well-defined forms 10- to 30-m high and 50- to 200-m wide (Cover photo). Individual ridges are commonly dissected

by meltwater channels, or by lakes, although the esker systems are continuous for more than 50 km (Ricketts and Hayes, 1985), terminating in major post-glacial drainage systems. Most major eskers occur along the southern margin of outwash channels, presumably reflecting the regional slope.

PERIGLACIAL FEATURES

Periglacial features are the result of postglacial modification of glacial deposits by freeze-thaw action. Three major types of periglacial features are observed, although not as mapped units. All features are active and reflect the fact that the Strange Lake area lies within the zone of discontinuous permafrost.

Mudboils: Mudboils are diapiric structures caused by the injection of fine-grained material into near-surface horizons through a process of hydrostatic pressure build-up during the freezing season (French, 1976; Shilts, 1978) and subsequent upward release of pressure. They are common features in the Strange Lake area, on partly- to well-drained till surfaces. On the surface, mudboils are circular in shape where the angle of slope is less than 2°, devoid of vegetation and commonly have a capping of clasts resulting from a process of upfreezing and the winnowing of fines. They range from centimetres to several metres in diameter, and may occur singularly or in groups separated by organic mounds. Mudboils destroy the structure of existing soils but relict soil is commonly observed along the margins of mudboils as it is being reincorporated into the subsurface. On slopes greater than 2°, mudboils take on an elongate form.

Polygons: Well-developed hexagonal-shaped polygons were observed in till at several isolated localities in the Strange Lake area. The origin of this patterned ground phenomena is not clear, although it is likely that cracking is the result of, thermal contraction, seasonal frost, or dessication, the latter process being independent of the need for permafrost. Washburn (1973) suggested that dessication through wind action is the most likely cause of the small, non-sorted polygons that characterize many upland tundra sites.

Solifluction Terraces: The downslope movement of sediment through a combination of gelifluction and frost creep is a common feature of a periglacial landscape. Solifluction terraces form a stepped, tread-like slope that ranges from 3 to 5°, up to 15 to 20°. The relief of these features is less than 1 m in the Strange Lake area. The level part of the terrace is commonly devoid of vegetation, suggesting solifluction is still active.

REGIONAL SURFICIAL SEDIMENT SAMPLING

SAMPLING AND SAMPLE PREPARATION METHODS

Sampling was carried out during the summers of 1983 and 1984. Quaternary deposits, predominantly till, were sampled from over 550 sites and 1081 samples were collected (Batterson, 1989a). Most samples were from the C- or BC-soil horizon, taken at about 0.5 m depth in test pits. This provided a nominal sample density of 1 site per 1.97 km², although in the vicinity of the Strange Lake complex, the sample density increased to about 1 site per 0.5 km² or less. Soil profile sampling of B-, BC- and C- horizons has been completed, and these data are reported in Batterson (1989a, 1989b). This report provides re-analysis of the BC- or C-horizon samples from each site, and contains data on 539 samples (Figure 4).

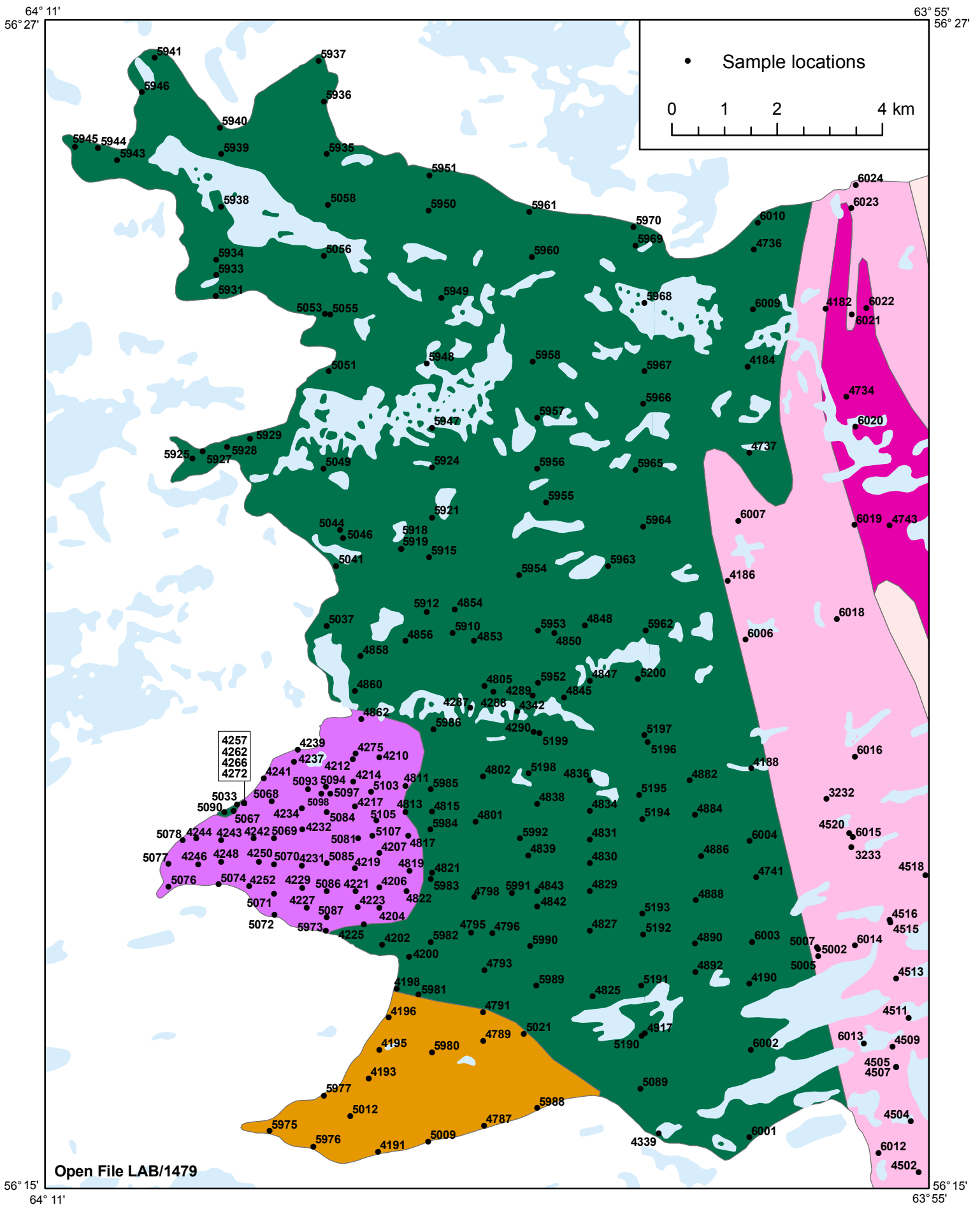


Figure 4a. Map showing locations of till samples.

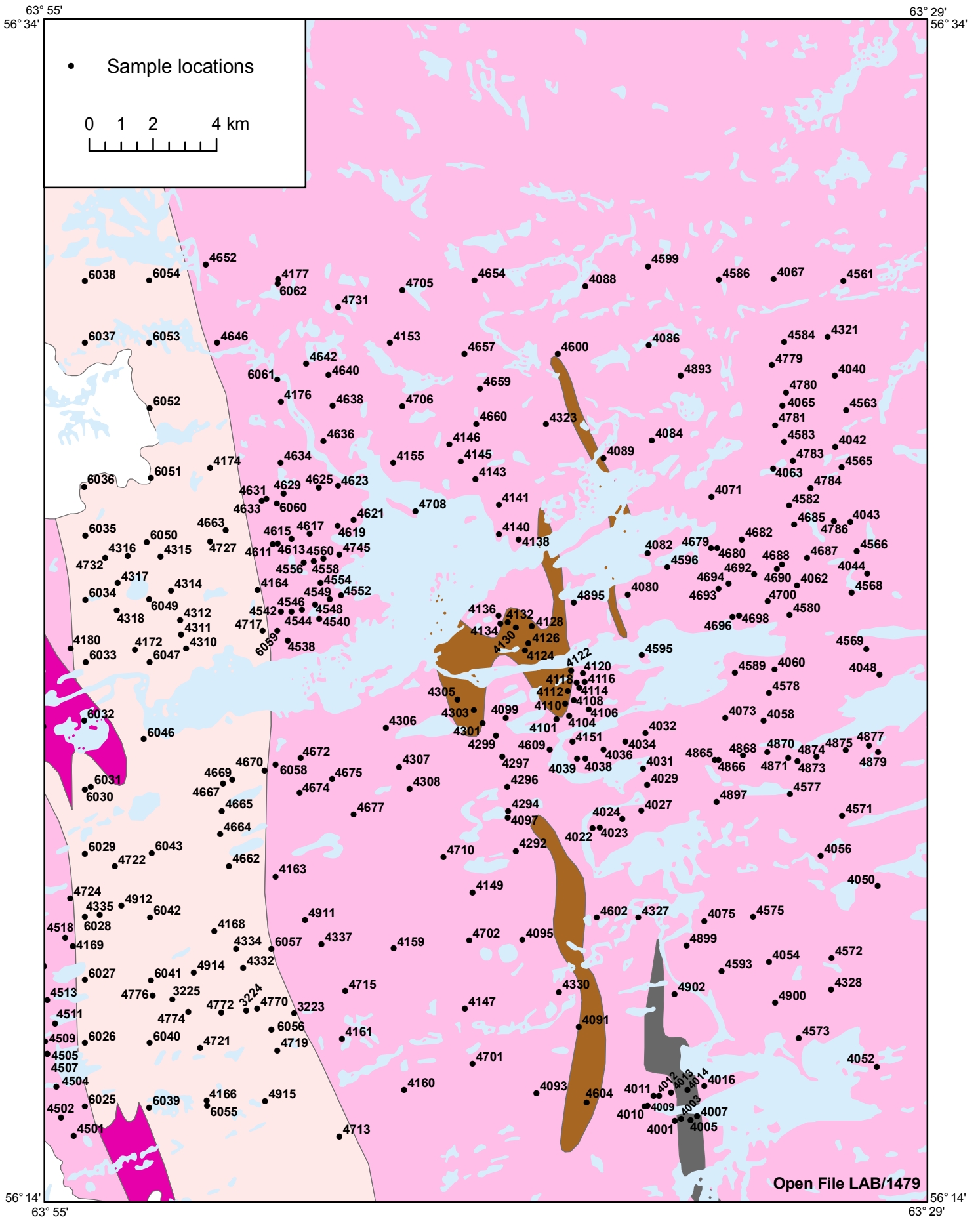


Figure 4b. Map showing locations of till samples.

In the field, samples were placed in kraft-paper sample bags, and sent to the Geological Survey's Geochemical Laboratory in St. John's, where they were air-dried in ovens at 40°C and dry-sieved through 180 µm stainless steel sieves.

GEOCHEMICAL ANALYSIS

Analytical work was carried out at the Geological Survey's Geochemical Laboratory, and additional analyses were analyzed using a commercial laboratory. The appended data listings (Appendix A) contain all the field and analytical data from the sediment survey. To distinguish the different analytical methods/laboratories, the trace element variables are labelled with a combination of the element name, a numeric code and the unit of measurement.

A complete list of variables is given in Table 1, and a full listing of field and geochemical data is contained in Appendix A.

ANALYTICAL METHODS

Inductively Coupled Plasma–Emission Spectrometry (ICP-ES)

For these analyses, the procedures outlined by Finch (1998) are followed. One gram of sample is weighed into a 125 ml Teflon beaker, and 5 ml of concentrated hydrochloric acid, 15 ml of concentrated hydrofluoric acid, and 5 ml of 1:1 perchloric acid is added to each sample. The samples are placed on a hotplate at 200°C and evaporated to dryness, after which the beakers are half-filled with 10% hydrochloric acid and returned to the hotplate at 100°C. When the residue is completely dissolved the samples are removed, cooled and transferred to 50 ml volumetric flasks. One ml of 50 g/l boric acid is added to each sample to complex any residual hydrofluoric acid. The samples are made to volume and analyzed by ICP-ES (Licthe *et al.*, 1987). For most elements dissolution is total; exceptions are Cr from chromite, Ba from barite and Zr from zircon. Accuracy can be judged from the results for reference materials (Table 2).

Values for the following elements were determined: Aluminum, barium, beryllium, calcium, cerium, cobalt, chromium, copper, dysprosium, iron, gallium, potassium, lanthanum, lithium, magnesium, manganese, molybdenum, sodium, niobium, nickel, phosphorus, lead, scandium, strontium, titanium, vanadium, yttrium, zinc and zirconium (Al₂, Ba₂, Be₂, Ca₂, Ce₂, Co₂, Cr₂, Cu₂, Dy₂, Fe₂, Ga₂, K₂, La₂, Li₂, Mg₂, Mn₂, Mo₂, Na₂, Nb₂, Ni₂, P₂, Pb₂, Rb₂, Sc₂, Sr₂, Ti₂, V₂, Y₂, Zn₂ and Zr₂, respectively).

Instrumental Neutron Activation Analysis (INAA)

This analysis was carried out at Becquerel Laboratories, Mississauga, Ontario. On average 24 g of sample was used for the analysis and the samples (with duplicates and control reference materials included incognito) were weighed and encapsulated in the Geochemical Laboratory of the Department of Natural Resources in St. John's. Samples were irradiated with flux wires and an internal standard (1 for 11 samples) at a thermal neutron flux of 7×10^{11} n/cm²s. After 7 days (to allow Na²⁴ to decay), samples are counted on a high purity Ge detector that has a resolution of better than 1.7 KeV. Using the flux wires, the decay-corrected activities are compared to a calibration developed from multiple certified international reference materials. The standard present is only a check on accuracy of the analysis and is not used

Table 1. Variable list and description of data

VARIABLE	DESCRIPTION	VARIABLE	DESCRIPTION
Sample	Unique sample ID. First two numbers represent year (e.g., 83 = 1983)	La2 ppm	Lanthanum, ppm, by ICP
NTS	NTS sheet (1:50 000)	Li2 ppm	Lithium, ppm, by ICP
Easting	UTM map coordinate NAD 27	Lu1 ppm	Lutetium, ppm, by INAA
Northing	UTM map coordinate NAD 27	Mg2 pct	Magnesium, %, by ICP
Zone	UTM zone	Mn2 ppm	Manganese, ppm, by ICP
Horizon	Soil horizon samples	Mo1 ppm	Molybdenum, ppm, by INAA
Depth	Sample depth (cm)	Mo2 ppm	Molybdenum, ppm, by ICP
Al2 pct	Aluminum, %, by ICP	Na1 pct	Sodium, %, by INAA
As1 ppm	Arsenic, ppm, by INAA	Na2 pct	Sodium, %, by ICP
As2 ppm	Arsenic, ppm, by ICP	Nb2 ppm	Niobium, ppm, by ICP
Au1 ppb	Gold, ppb, by INAA	Ni2 ppm	Nickel, ppm, by ICP
Ba1 ppm	Barium, ppm, by INAA	P2 ppm	Phosphorus, ppm, by ICP
Ba2 ppm	Barium, ppm, by ICP	Pb2 ppm	Lead, ppm, by ICP
Be2 ppm	Beryllium, ppm, by ICP	Rb1 ppm	Rubidium, ppm, by INAA
Br1 ppm	Bromine, ppm, by INAA	Rb2 ppm	Rubidium, ppm, by ICP
Ca2 pct	Calcium, %, by ICP	Sb1 ppm	Antimony, ppm, by INAA
Cd2 ppm	Cadmium, ppm, by ICP	Sc1 ppm	Scandium, ppm, by INAA
Ce1 ppm	Cerium, ppm, by INAA	Sc2 ppm	Scandium, ppm, by ICP
Ce2 ppm	Cerium, ppm, by ICP	Se1 ppm	Selenium, ppm, by INAA
Co1 ppm	Cobalt, ppm, by INAA	Sm1 ppm	Samarium, ppm, by INAA
Co2 ppm	Cobalt, ppm, by ICP	Sr2 ppm	Strontium, ppm, by ICP
Cr1 ppm	Chromium, ppm, by INAA	Ta1 ppm	Tantalum, ppm, by INAA
Cr2 ppm	Chromium, ppm, by ICP	Tb1 ppm	Terbium, ppm, by INAA
Cs1 ppm	Cesium, ppm, by INAA	Th1 ppm	Thorium, ppm, by INAA
Cu2 ppm	Copper, ppm, by ICP	Ti2 ppm	Titanium, ppm, by ICP
Dy2 ppm	Dysprosium, ppm, by ICP	U1 ppm	Uranium, ppm, by INAA
Eu1 ppm	Europium, ppm, by INAA	V2 ppm	Vanadium, ppm, by ICP
Fe1 pct	Iron, %, by INAA	W1 ppm	Tungsten, ppm, by INAA
Fe2 pct	Iron, %, by ICP	Y2 ppm	Yttrium, ppm, by ICP
Hf1 ppm	Hafnium, ppm, by INAA	Yb1 ppm	Ytterbium, ppm, by INAA
K2 pct	Potassium, %, by ICP	Zn2 ppm	Zinc, ppm, by ICP
La1 ppm	Lanthanum, ppm, by INAA	Zr1 ppm	Zirconium, ppm, by INAA
		Zr2 ppm	Zirconium, ppm, by ICP

Table 2. Accuracy of till-geochemical data by ICP. Results of analyses of CANMET reference samples TILL-1 to -4. Observed values (Obs) are compared against recommended values (Rec). Recommended values are from Lynch (1996). Negative values indicate below detection limit

		Till-1	n=8	Till-2	n=8	Till-3	n=8	Till-4	n=8
		Obs	Rec	Obs	Rec	Obs	Rec	Obs	Rec
Al2	%	5.91	7.3	6.99	8.5	5.49	6.5	6.35	7.6
As2	ppm	17.05		25.56		77.26		98.13	
Ba2	ppm	692.77	702.0	530.50	540.0	481.97	489.0	381.53	396.0
Be2	ppm	1.57	2.4	3.62	4.0	1.34	2.0	3.21	3.7
Ca2	%	1.84	1.9	0.87	0.9	1.82	1.9	0.86	0.9
Cd2	ppm	0.24		0.34		0.03		0.12	
Ce2	ppm	70.22	71.0	99.43	98.0	40.42	42.0	78.16	78.0
Co2	ppm	19.00	18.0	16.75	15.0	13.24	15.0	11.86	8.0
Cr2	ppm	54.38	65.0	59.28	74.0	98.88	123.0	38.77	53.0
Cu2	ppm	47.21	47.0	161.27	150.0	21.85	22.0	258.26	237.0
Dy2	ppm	4.54		3.47		1.85		3.00	
Fe2	%	4.76	4.8	3.80	3.8	2.73	2.8	3.92	4.0
K2	%	1.71	1.8	2.40	2.6	1.88	2.0	2.51	2.7
La2	ppm	27.72	28.0	45.25	44.0	19.90	21.0	40.74	41.0
Li2	ppm	14.63	15.0	45.36	47.0	20.53	21.0	28.15	30.0
Mg2	%	1.24	1.3	1.07	1.1	1.00	1.0	0.74	0.8
Mn2	ppm	1395.75	1420.0	764.84	780.0	497.69	520.0	489.24	490.0
Mo2	ppm	-0.29	2.0	12.67	14.0	0.21	16.9	13.57	
Na2	%	1.90	2.0	1.54	1.6	1.85	2.0	1.70	1.8
Nb2	ppm	10.38	10.0	14.28	20.0	6.58	7.0	12.45	15.0
Ni2	ppm	23.74	24.0	32.14	32.0	40.48	39.0	17.23	17.0
P2	ppm	956.21	930.0	733.33	750.0	504.86	490.0	898.17	880.0
Pb2	ppm	20.88	22.0	29.14	31.0	26.12	26.0	51.51	50.0
Rb2	ppm	45.12		149.81		51.90		162.57	
Sc2	ppm	15.01	13.0	13.41	12.0	11.11	10.0	11.80	10.0
Sr2	ppm	309.80	291.0	160.06	144.0	319.37	300.0	126.08	109.0
Ti2	ppm	5325.63	5990.0	5094.69	5300.0	2863.13	2910.0	4691.33	4840.0
V2	ppm	101.16	99.0	81.35	77.0	64.62	62.0	71.66	67.0
Y2	ppm	26.72	38.0	18.43	40.0	12.51	17.0	16.06	33.0
Zn2	ppm	87.43	98.0	113.84	130.0	51.52	56.0	64.57	70.0
Zr2	ppm	93.16	502.0	90.15	390.0	75.72	390.0	81.87	385.0

for calibration purposes. Between 10 and 30 percent of the samples are checked by re-measurement. Accuracy can be judged from the results for reference materials (Table 3).

Total contents of the following elements were determined quantitatively: arsenic, gold, barium, bromine, cerium, cobalt, chromium, cesium, europium, iron, hafnium, lanthanum, lutetium, molybdenum, sodium, rubidium, antimony, scandium, selenium, samarium, strontium, tantalum, terbium, thorium, uranium, tungsten, ytterbium and zirconium. (As1, Au1, Ba1, Br1, Ce1, Co1, Cr1, Cs1, Eu1, Fe1, Hf1, La1, Lu1, Mo1, Na1, Rb1, Sb1, Sc1, Se1, Sm1, Ta1, Tb1, Th1, U1, W1, Yb1 and Zr1 respectively).

QUALITY CONTROL

Data quality was monitored using laboratory duplicates (analytical precision only). These data are verified at the laboratory and are not included in this report, but are available upon request (by writing to the first author). Accuracy estimates are provided by the results from standard reference materials analysed with them (Tables 2 and 3). These data show that for almost all elements, Zr2 being an exception, all data is of high quality.

Data from duplicate samples taken from the same site are presented in Table 4. The extent of correlation (Pearson) of these data provided a measure of data reproducibility that can be used to estimate data quality. Identical results of duplicate samples show a correlation coefficient of 1.000. For some elements, the analysis of duplicates yields poor correlations, commonly because samples contain levels that are close to the detection limit for that element. Most samples yielded results below detection limit for Au1, Br1, Cs1, Mo1, Ni1, Se1, Ta1, Tb1, U1, W1 and Zr1, and for this reason it is difficult to evaluate data quality for these elements.

It should be emphasized that for mineral exploration, the relative variation of an element is of primary concern. Of the 44 elements determined, 12 were determined by both ICP-ES and INAA (As, Ba, Ce, Co, Cr, Fe, La, Mo, Na, Rb, Sc, Zr). To reduce the size of the data for presentation and statistical analysis, for these 12, the data from the method with the best quality determined from comparison with laboratory and field duplicates have been used (*i.e.*, As1, Ba2, Ce2, Co2, Cr2, Fe2, La2, Mo2, Na2, Rb2, Sc2, Zr2), although all are presented in the data listing (Appendix B). A summary of laboratory duplicate and control data is included in this report, and detailed data are available on request from the first author.

STATISTICAL ANALYSIS – FREQUENCY DISTRIBUTIONS

The frequency distributions of the geochemical data were examined using the Jenks optimization method, also known as the goodness of variance fit (Jenks, 1967) found within the ArcMap GIS application. The method identifies natural breaks in the dataset, and has replaced the selection of breaks using cumulative frequency plots (*cf.*, Batterson and Taylor, 2001). Comparison of the two methods produced similar subdivisions of the data. Breaks in slope of the curves were used to subdivide the element values into 4-6 natural population groups. These groups are represented by symbols that increase in size with increasing element levels in Figure 5 to Figure 50. Statistics (maximum, minimum, median, mean, standard deviation) were generated from the Excel software application, and are presented in Table 5. A correlation matrix is shown in Table 6.

Table 3. Accuracy of till-geochemical data by INAA. Results of analyses of CANMET reference samples TILL-1 to -4. Observed values (Obs) are compared against recommended values (Rec). Recommended values are from Lynch (1996)

		Till-1	n=8	Till-2	n=8	Till-3	n=8	Till-4	n=8
		Obs	Rec	Obs	Rec	Obs	Rec	Obs	Rec
As1	ppm	18.38	18.0	25.13	26.0	92.56	87.0	112.63	111.0
Au1	ppb	11.50	13.0	2.25	2.0	6.63	6.0	6.38	5.0
Ba1	ppm	733.75	702.0	520.00	540.0	517.50	489.0	387.50	395.0
Br1	ppm	6.00	6.4	10.88	12.2	4.75	4.5	8.38	8.6
Ce1	ppm	73.63	71.0	103.75	98.0	44.00	42.0	84.38	78.0
Co1	ppm	18.88	18.0	15.88	15.0	15.63	15.0	9.00	8.0
Cr1	ppm	65.38	65.0	75.50	74.0	132.50	123.0	57.63	53.0
Cs1	ppm	1.08	1.0	12.00	12.0	2.10	1.7	13.25	12.0
Eu1	ppm	1.58	1.3	1.33	1.0	0.95	0.5	1.25	0.5
Fe1	%	4.96	4.8	3.71	3.8	2.95	2.8	3.94	4.0
Hf1	ppm	13.63	13.0	10.25	11.0	6.63	8.0	12.88	10.0
La1	ppm	28.75	28.0	46.38	44.0	20.63	21.0	43.50	41.0
Lu1	ppm	0.71	0.6	0.29	0.6	0.16	<0.5	0.17	0.5
Mo1	ppm	0.25	<5.0	14.13	14.0	0.39	<5.0	17.00	16.0
Na1	%	2.09	2.01	1.63	1.62	2.08	1.96	1.83	1.82
Rb1	ppm	45.13	44.0	140.00	143.0	58.13	55.0	166.25	161.0
Sb1	ppm	7.85	7.8	0.75	0.8	0.88	0.9	0.91	1.0
Sc1	ppm	14.21	13.0	12.28	12.0	10.46	10.0	10.88	10.0
Se1	ppm	0.50		0.50		0.50		0.56	
Sm1	ppm	7.01	5.9	8.11	7.4	4.23	3.3	6.61	6.1
Ta1	ppm	0.79	0.7	2.03	1.9	0.51	<0.5	1.58	1.6
Tb1	ppm	1.09	1.1	1.16	1.2	0.38	<0.5	1.01	1.1
Th1	ppm	5.71	5.6	18.05	18.4	5.08	4.6	17.45	17.4
U1	ppm	2.18	2.2	5.50	5.7	2.14	2.1	4.93	5.0
W1	ppm	0.50	<4.0	4.38	<2.0	0.50	<4.0	197.25	204.0
Yb1	ppm	4.04	3.9	3.48	3.7	1.60	1.5	3.11	3.4
Zr1	%	515.00		356.25		235.00		401.25	

Table 4. Correlation coefficients of laboratory duplicate samples. Values close to 1 indicate a strong positive correlation. Decisions, on which analytical approach is appropriate for those elements that were analyzed by more than one method, were based on these correlations (elements bolded).

Coefficient n = 30		Coefficient n = 30		Coefficient n = 30		Coefficient n = 30		Coefficient n = 30	
Al2	0.977	Co1	0.910	La1	0.963	P2	0.996	Th1	0.984
As1	0.967	Co2	0.997	La2	0.999	Pb2	0.999	Ti2	0.998
As2	0.991	Cr1	0.810	Li2	1.000	Rb1	0.969	U1	0.975
Au1	0.970	Cr2	0.962	Lu1	0.917	Rb2	0.987	V2	0.998
Ba1	0.722	Cs1	0.933	Mg2	0.999	Sb1	0.525	W1	-0.034
Ba2	0.962	Cu2	0.998	Mn2	0.997	Sc1	0.920	Y2	1.000
Be2	1.000	Dy2	0.999	Mo1	1.000	Sc2	0.997	Yb1	0.953
Br1	0.981	Eu1	0.681	Mo2	0.847	Se1	0.955	Zn2	0.999
Ca2	0.996	Fe1	0.929	Na1	0.781	Sm1	0.935	Zr1	0.967
Cd2	1.000	Fe2	0.996	Na2	0.960	Sr2	0.989	Zr2	0.998
Ce1	0.966	Hf1	0.986	Nb2	0.998	Ta1	0.995		
Ce2	0.999	K2	0.975	Ni2	0.972	Tb1	0.957		

DISPERSAL FROM THE STRANGE LAKE DEPOSIT

The Strange Lake deposit, which is distinctly different, geologically, from the surrounding bedrock, forms a topographic high that straddles the Labrador–Québec border; down-ice of the deposit is a peneplain surface that has few topographic impediments to dispersal train development. Ice-flow directions are generally unidirectional. The area is, therefore, ideal for development of a classic ribbon-shaped dispersal train.

INTERPRETATION OF GEOCHEMICAL DATA

Dot plot maps of selected elements (Au, Be and U) are presented in Figures 5 to 7, respectively. Other element plots are presented in Appendix B. Individuals and companies are encouraged to undertake their own interpretation of the presented data, the following being a preliminary guide. Data on mineral occurrences are found within the Geological Survey’s Mineral Occurrence Data System (MODS) (<http://gis.geosurv.gov.nl.ca/mods/mods.asp>).

Gold (Au)

The maximum value for gold in the Strange Lake area is 287 ppb, located in the northwestern part of the surveyed area (Figure 5). This sample is part of a cluster of elevated gold values in till overlying gabbro-norite bedrock (Unit P1:CG of Ryan *et al.*, 2003). The gold in till data is often difficult to interpret, and shows a spotty distribution. The small (<1 kg) sample size is likely a factor. Caution needs to be exercised when interpreting anomalies because of the ‘nugget effect’. It is recognised that heavy mineral sep-

Table 5. Units, detection limits, ranges, medians and standard deviations of geochemical data. Values below detection are coded as half of the detection limit value

		Detection limit	Maximum	Minimum	Mean	Median	Standard Deviation
Al2	%	0.01	7.30	4.93	5.82	5.81	0.31
As1	ppm	0.5	23.00	0.25	1.34	1.00	1.50
As2	ppm	2.0	24.22	1.00	3.86	3.49	1.65
Au1	ppb	1.0	287.00	0.50	3.85	0.50	13.14
Ba1	ppm	50.0	1200.00	430.00	913.60	920.00	96.01
Ba2	ppm	50.0	1068.84	549.12	861.73	856.28	61.41
Be2	ppm	0.2	23.25	1.79	4.66	2.92	3.71
Br1	ppm	0.5	33.00	0.50	3.98	3.00	3.32
Ca2	%	0.01	2.91	0.89	2.16	2.13	0.24
Cd2	ppm	0.1	0.47	0.05	0.06	0.05	0.04
Ce1	ppm	3.0	423.00	56.00	132.32	120.00	48.71
Ce2	ppm	2.0	431.19	62.70	119.34	107.24	42.46
Co1	ppm	1.0	20.00	3.00	7.58	7.00	2.64
Co2	ppm	2.0	19.39	6.37	9.93	9.37	2.23
Cr1	ppm	5.0	88.00	19.00	46.60	45.00	10.73
Cr2	ppm	2.0	263.70	18.20	34.52	30.63	17.74
Cs1	ppm	1.0	3.30	0.25	1.09	1.00	0.40
Cu2	ppm	2.0	51.79	1.26	11.54	9.38	7.00
Dy2	ppm	0.2	53.84	2.85	7.50	6.31	5.16
Eu1	ppm	0.2	3.90	0.25	1.72	1.70	0.34
Fe1	%	0.01	4.80	1.50	2.62	2.55	0.48
Fe2	%	0.01	4.78	1.51	2.54	2.45	0.48
Hf1	ppm	1.0	73.00	8.00	23.28	22.00	9.39
K2	%	0.01	2.96	1.36	2.25	2.23	0.20
La1	ppm	0.5	178.00	27.00	58.06	52.00	20.92
La2	ppm	1.0	189.38	30.54	56.61	50.80	19.65
Li2	ppm	0.2	58.06	4.51	12.42	10.30	7.99
Lu1	ppm	0.05	4.80	0.25	0.94	0.77	0.62
Mg2	%	0.01	1.34	0.35	0.61	0.55	0.18
Mn2	ppm	2.0	820.86	245.56	471.81	456.31	73.41
Mo1	ppm	1.0	11.00	0.25	0.29	0.25	0.51
Mo2	ppm	1.0	15.81	0.50	1.03	0.50	1.39
Na1	%	0.01	2.60	0.90	2.12	2.10	0.24
Na2	%	0.01	2.33	1.07	1.96	1.94	0.16
Nb2	ppm	2.0	115.20	8.44	21.36	15.89	14.11
Ni2	ppm	2.0	83.02	6.30	12.52	10.88	6.07
P2	ppm	5.0	1766.00	284.57	977.47	969.37	166.60
Pb2	ppm	2.0	137.18	15.28	35.66	28.83	19.57
Rb1	ppm	5.0	140.00	45.00	88.67	86.00	15.76

Table 5. Continued

		Detection limit	Maximum	Minimum	Mean	Median	Standard Deviation
Rb2	ppm		148.95	46.03	83.98	81.65	15.00
Sb1	ppm	0.1	0.30	0.05	0.07	0.05	0.04
Sc1	ppm	0.1	18.30	6.70	11.43	11.20	2.02
Sc2	ppm	1.0	20.85	8.50	12.70	12.39	2.20
Se1	ppm	1.0	3.00	0.50	0.66	0.50	0.37
Sm1	ppm	0.1	37.80	4.20	11.47	10.70	4.41
Sr2	ppm	2.0	391.18	152.85	307.95	308.33	23.69
Ta1	ppm	0.2	13.00	0.90	2.53	1.80	1.70
Tb1	ppm	0.5	7.60	0.70	1.63	1.40	0.85
Th1	ppm	0.2	76.10	6.90	15.28	13.30	6.80
Ti2	ppm	5.0	6661.50	2699.97	3860.04	3771.88	608.42
U1	ppm	0.5	19.30	1.40	3.56	3.20	1.60
V2	ppm	5.0	109.05	27.79	48.58	44.45	14.37
W1	ppm	1.0	2.00	0.50	0.55	0.50	0.21
Y2	ppm	2.0	317.37	18.13	45.37	37.59	30.92
Yb1	ppm	0.2	31.00	1.70	5.78	4.60	3.77
Zn2	ppm	2.0	163.91	25.69	50.74	45.08	20.04
Zr1	%	1.0	2300.00	0.50	815.26	785.00	301.72
Zr2	ppm	2.0	1523.27	105.80	316.33	246.35	190.70

arations from an initially larger sample size (>4 kg) would likely yield more reproducible gold geochemistry data (e.g., McClenaghan *et al.*, 1997).

Gold is poorly correlated with all other elements analysed (Table 6) and laboratory duplicates showed a high degree of correlation (0.972, Table 4).

Beryllium (Be)

The highest value for beryllium is 23 ppm, located in a cluster of relatively high values over the Strange Lake deposit (Figure 6). Other high values (up to 16 ppm) are found in the well-developed dispersal train that extends down-ice of the complex for at least 40 km. The pattern seen for beryllium is similar to that defined for other known deposit-related elements; yttrium (Figure 47), niobium (Figure 31), zirconium (Figure 50), REEs (except europium; Figure 20), and associated elements, including selenium (Figure 38), lithium (Figure 25), lead (Figure 34), rubidium (Figure 35), tantalum (Figure 41), thorium (Figure 43), uranium (Figure 7) and zinc (Figure 49). Other elements show the inverse pattern. Cobalt (Figure 15), for instance, shows relatively low values within the dispersal train from the Strange Lake deposit compared to areas north and south of the deposit. Magnesium (Figure 27), scandium (Figure 37), strontium (Figure 40) and titanium (Figure 44) all show similar trends to that of cobalt.

Table 6. Correlation matrix

	Al2	As1	Au1	Ba2	Be2	Br1	Ca2	Cd2	Ce2	Co2	Cr2	Cs1	Cu2	Dy2	Eu1	Fe2	Hf1	K2	La2	Li2	Lu1	Mg2	Mn2	
Al2	1.000																							
As1	-0.166	1.000																						
Au1	0.081	-0.037	1.000																					
Be2	0.461	-0.113	0.001	1.000																				
Ba2	-0.414	0.380	-0.087	0.033	1.000																			
Br1	0.019	0.170	0.142	-0.386	-0.155	1.000																		
Ca2	0.717	-0.291	-0.055	0.152	-0.511	-0.088	1.000																	
Cd2	0.076	0.151	0.061	-0.044	0.226	0.063	-0.060	1.000																
Ce2	-0.198	0.438	-0.099	0.128	0.856	-0.155	-0.333	0.333	1.000															
Co2	0.627	-0.133	0.064	0.001	-0.412	0.218	0.783	0.015	-0.188	1.000														
Cr2	0.420	-0.111	0.089	0.037	-0.291	0.134	0.468	0.013	-0.195	0.533	1.000													
Cs1	0.495	-0.034	0.147	0.013	-0.227	0.142	0.452	0.130	-0.087	0.714	0.395	1.000												
Dy2	-0.272	0.377	-0.085	0.107	0.850	-0.201	-0.361	0.291	0.867	-0.300	-0.238	0.238	1.000											
Eu1	0.024	0.186	-0.159	0.181	0.440	-0.197	0.019	0.150	0.602	-0.040	-0.111	0.048	-0.138	0.561	1.000									
Fe2	0.542	0.127	0.101	-0.009	-0.178	0.322	0.598	0.143	0.066	0.885	0.461	0.458	0.664	-0.110	0.013	1.000								
Hf1	-0.488	0.324	-0.143	-0.131	0.815	-0.180	-0.402	0.159	0.746	-0.367	-0.317	-0.033	-0.392	0.695	0.531	-0.225	1.000							
K2	0.206	0.071	-0.001	0.731	0.344	-0.463	-0.227	0.067	0.386	-0.347	-0.182	0.454	-0.173	0.356	0.221	-0.218	0.185	1.000						
La2	-0.218	0.443	-0.090	0.133	0.867	-0.164	-0.358	0.331	0.984	-0.219	-0.194	0.365	-0.096	0.876	0.573	0.726	0.397	0.847	1.000					
Lu1	-0.356	0.338	-0.086	0.053	0.918	-0.185	-0.420	0.263	0.822	-0.383	-0.275	0.178	-0.253	0.878	0.538	-0.160	0.826	0.342	0.824	0.791	1.000			
Mg2	0.886	-0.143	0.103	0.050	-0.406	0.241	0.756	0.046	-0.256	0.921	0.563	0.354	0.751	-0.334	-0.172	0.866	-0.523	-0.266	-0.258	-0.070	-0.402	1.000		
Mn2	0.551	0.036	0.176	0.019	-0.149	0.118	0.700	0.130	0.094	0.881	0.479	0.362	0.623	-0.052	0.076	0.917	-0.144	-0.174	0.063	0.136	-0.010	0.080	1.000	
Mo2	0.150	0.020	0.110	0.140	0.017	-0.089	0.019	0.186	0.087	0.020	0.680	0.275	0.100	0.065	-0.055	0.062	-0.054	0.247	0.102	0.136	-0.010	0.080	1.000	
Na2	0.268	-0.190	-0.249	0.271	0.059	-0.362	0.339	-0.078	0.162	0.025	-0.074	-0.287	-0.218	0.139	0.476	-0.132	0.335	0.164	0.112	0.074	0.178	-0.161	-0.011	
Nb2	-0.407	0.377	-0.088	-0.019	0.959	-0.156	-0.456	0.223	0.842	-0.357	-0.263	0.175	-0.200	0.820	0.452	-0.129	0.860	0.299	0.845	0.828	0.898	-0.374	-0.084	
P2	0.580	-0.052	0.128	0.239	-0.338	0.044	0.676	0.116	-0.029	0.609	0.325	0.151	0.333	-0.156	0.182	0.583	-0.225	-0.088	-0.063	-0.106	-0.227	0.510	0.596	
Pb2	-0.291	0.435	0.022	0.092	0.863	-0.089	-0.474	0.353	0.809	-0.388	-0.221	0.381	-0.136	0.798	0.388	-0.069	0.660	0.395	0.819	0.813	0.815	-0.319	-0.080	
Rb2	-0.120	0.290	0.002	0.319	0.755	-0.298	-0.450	0.194	0.713	-0.333	-0.197	0.517	-0.062	0.642	0.298	-0.085	0.536	0.720	0.735	0.752	0.679	-0.253	-0.062	
Sb1	-0.314	0.434	-0.031	0.028	0.505	-0.137	-0.340	0.090	0.456	-0.229	-0.152	0.245	-0.064	0.530	0.150	-0.080	0.319	0.206	0.491	0.352	0.416	-0.193	-0.083	
Sc2	0.789	-0.171	0.114	0.184	-0.453	0.115	0.845	0.067	-0.183	0.881	0.541	0.335	0.556	-0.287	0.005	0.822	-0.432	-0.111	-0.203	-0.107	-0.383	0.866	0.859	
Se1	-0.220	0.351	-0.128	0.164	0.794	-0.225	-0.308	0.256	0.883	-0.285	-0.228	0.256	-0.246	0.688	0.676	-0.090	0.761	0.407	0.888	0.731	0.835	-0.358	-0.041	
Sm1	-0.637	-0.324	-0.090	0.404	-0.473	-0.215	0.808	-0.137	-0.358	0.523	0.294	-0.133	0.249	-0.359	0.054	0.282	-0.377	-0.074	-0.372	-0.347	-0.394	0.482	0.364	
Sr2	-0.455	0.359	-0.104	-0.035	0.953	-0.172	-0.481	0.181	0.812	-0.388	-0.273	0.168	-0.232	0.790	0.446	-0.172	0.866	0.282	0.819	0.796	0.894	-0.402	-0.126	
Ta1	-0.189	0.379	-0.106	0.124	0.869	-0.229	-0.374	0.283	0.891	-0.333	-0.253	0.238	-0.231	0.978	0.614	-0.136	0.756	0.367	0.899	0.757	0.900	-0.377	-0.076	
Tb1	-0.178	0.493	-0.071	0.165	0.792	-0.111	-0.360	0.264	0.847	-0.238	-0.184	0.467	-0.124	0.893	0.501	0.026	0.625	0.436	0.860	0.743	0.813	-0.238	0.014	
Ti2	0.539	-0.071	0.057	0.018	-0.352	0.131	0.707	0.059	-0.037	0.797	0.408	0.118	0.362	-0.163	0.174	0.704	-0.118	-0.251	-0.081	-0.100	-0.281	0.606	0.755	
U1	-0.189	0.379	-0.072	0.122	0.712	-0.182	-0.295	0.317	0.809	-0.194	-0.144	0.409	-0.137	0.830	0.489	-0.002	0.612	0.367	0.830	0.697	0.693	-0.222	0.041	
V2	0.593	-0.108	0.179	-0.069	-0.451	0.292	0.734	0.050	-0.305	0.907	0.548	0.279	0.712	-0.386	-0.213	0.866	-0.518	-0.373	-0.309	-0.153	-0.445	0.957	0.849	
W1	0.029	0.375	0.017	-0.047	0.087	0.140	-0.025	0.124	0.242	0.142	0.118	0.285	0.102	0.108	0.089	0.294	0.123	0.049	0.248	0.166	0.072	0.109	0.233	
Y2	-0.283	0.378	-0.081	0.098	0.865	-0.207	-0.371	0.295	0.869	-0.310	-0.242	0.242	-0.182	0.998	0.550	-0.114	0.711	0.360	0.880	0.761	0.893	-0.338	-0.056	
Yb1	-0.353	0.369	-0.094	0.064	0.932	-0.214	-0.416	0.287	0.886	-0.359	-0.260	0.223	-0.229	0.941	0.551	-0.145	0.824	0.357	0.874	0.809	0.971	-0.383	-0.091	
Zn2	-0.070	0.371	-0.024	0.144	0.849	-0.093	-0.214	0.402	0.874	-0.020	-0.071	0.464	0.084	0.799	0.439	0.238	0.653	0.364	0.874	0.939	0.802	-0.014	0.256	
Zr2	-0.431	0.380	-0.084	-0.062	0.943	-0.145	-0.449	0.222	0.825	-0.362	-0.273	0.162	-0.250	0.772	0.439	-0.133	0.904	0.257	0.824	0.841	0.896	-0.393	-0.081	

Table 6. Continued

Mo2	Na2	Nb2	Ni2	P2	Pb2	Rb2	Sb1	Sc2	Se1	Sm1	Sr2	Ta1	Tb1	Th1	Ti2	U1	V2	W1	Y2	Yb1	Zn2	Zr2
1.000																						
-0.106	1.000																					
0.032	0.097	1.000																				
0.589	-0.072	-0.232	1.000																			
0.068	0.240	-0.300	0.341	1.000																		
0.137	-0.078	0.809	-0.203	-0.179	1.000																	
0.195	-0.054	0.746	-0.138	-0.271	0.695	1.000																
0.034	-0.303	0.469	-0.150	-0.274	0.517	0.416	1.000															
0.143	0.108	-0.407	0.591	0.724	-0.324	-0.262	-0.281	1.000														
0.078	-0.058	0.804	-0.103	-0.156	0.789	0.591	0.487	-0.217	1.000													
0.067	0.294	0.781	-0.206	-0.068	0.709	0.640	0.423	-0.234	0.619	1.000												
-0.046	0.492	-0.447	0.333	0.547	-0.476	-0.421	-0.361	0.566	-0.405	-0.285	1.000											
-0.009	0.085	0.983	-0.250	-0.342	0.777	0.741	0.488	-0.451	0.784	0.781	-0.457	1.000										
0.059	0.190	0.846	-0.241	-0.159	0.795	0.689	0.535	-0.309	0.690	0.924	-0.361	0.835	1.000									
0.078	0.003	0.757	-0.163	-0.098	0.795	0.680	0.602	-0.205	0.680	0.830	-0.376	0.749	0.898	1.000								
0.060	0.293	-0.259	0.431	0.695	-0.269	-0.333	-0.237	0.824	-0.109	-0.086	0.480	-0.315	-0.174	-0.135	1.000							
0.182	0.049	0.689	-0.122	-0.085	0.700	0.626	0.558	-0.158	0.623	0.791	-0.306	0.675	0.838	0.827	-0.046	1.000						
0.054	-0.248	-0.405	0.630	0.523	-0.348	-0.326	-0.192	0.844	-0.170	-0.421	0.457	-0.433	-0.434	-0.290	0.640	-0.267	1.000					
0.101	-0.136	0.133	0.085	0.108	0.170	0.142	0.176	0.131	0.217	0.131	-0.119	0.099	0.102	0.224	0.222	0.163	0.150	1.000				
0.070	0.132	0.840	-0.223	-0.172	0.810	0.658	0.529	-0.300	0.705	0.864	-0.368	0.810	0.978	0.892	-0.180	0.831	-0.388	0.107	1.000			
0.037	0.151	0.918	-0.241	-0.232	0.829	0.710	0.494	-0.364	0.745	0.872	-0.399	0.911	0.955	0.867	-0.246	0.796	-0.430	0.088	0.952	1.000		
0.138	0.065	0.837	0.016	-0.033	0.815	0.733	0.433	-0.038	0.771	0.768	-0.306	0.802	0.808	0.787	-0.020	0.738	-0.095	0.169	0.810	0.836	1.000	
-0.013	0.120	0.949	-0.259	-0.276	0.820	0.690	0.427	-0.413	0.784	0.748	-0.430	0.946	0.802	0.724	-0.259	0.677	-0.405	0.133	0.795	0.899	0.812	1.000

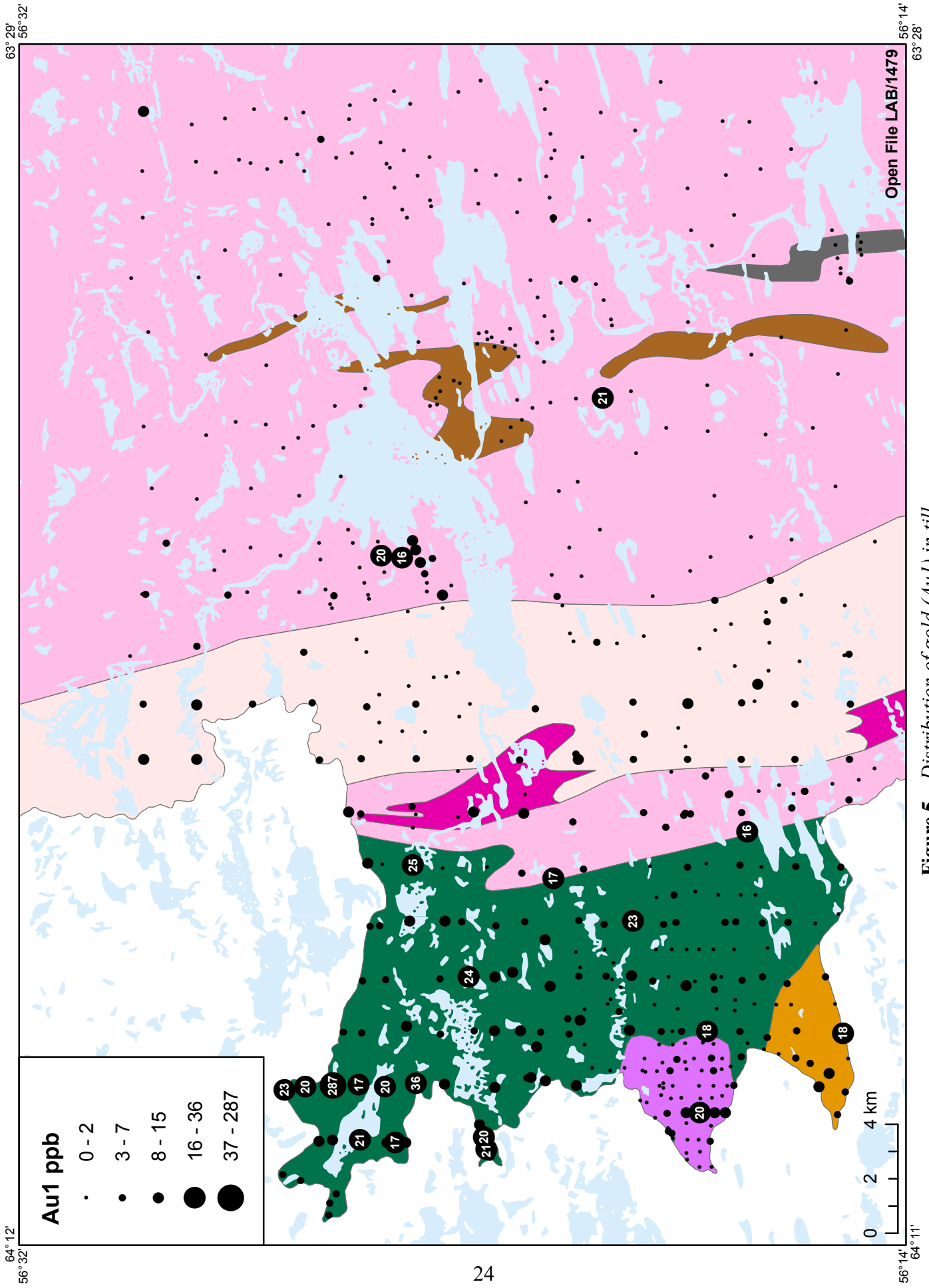


Figure 5. Distribution of gold (Au1) in till.

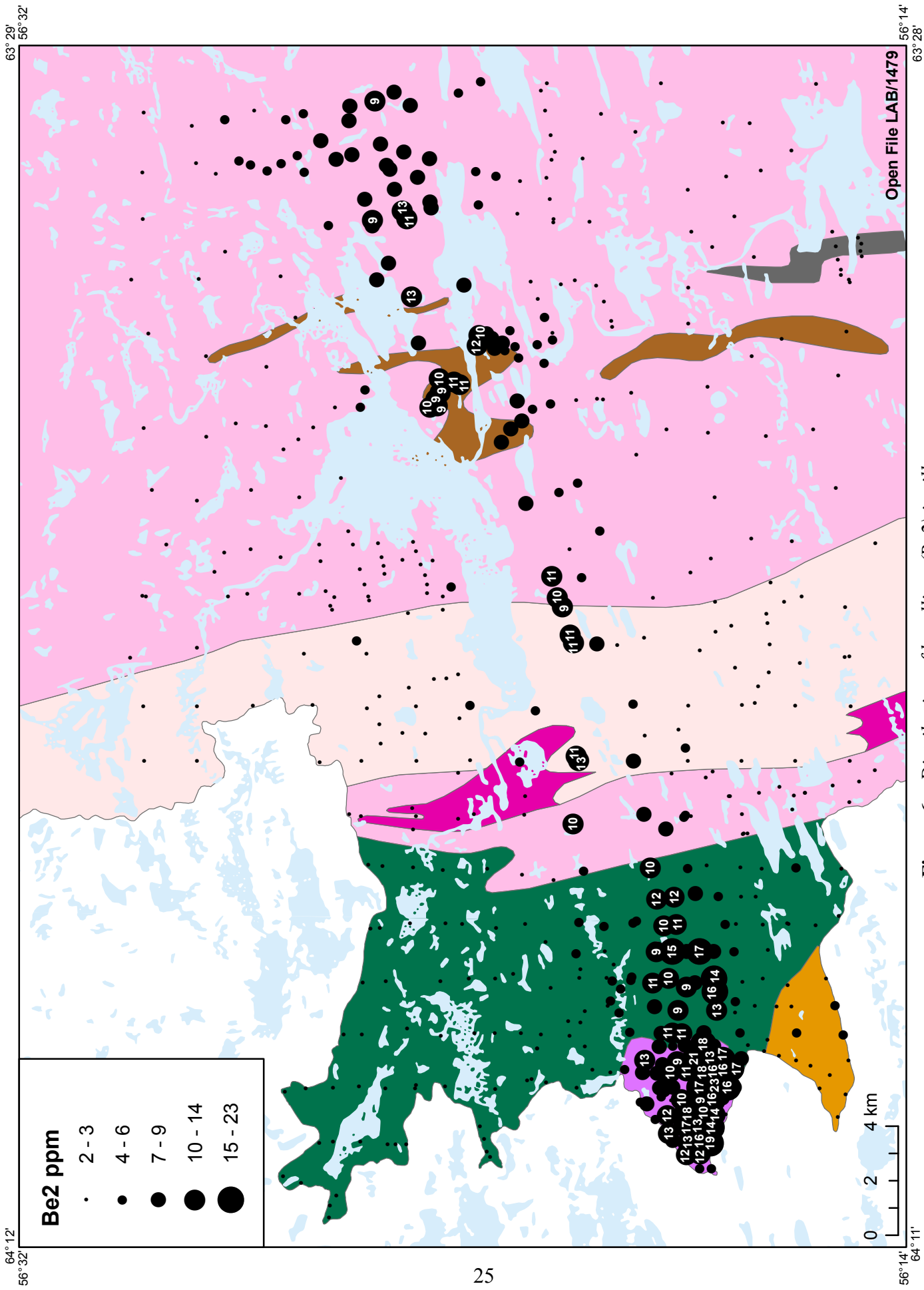


Figure 6. Distribution of beryllium (Be2) in till.

Beryllium shows high degree of correlation (Table 6) with all REE analysed (Ce, Dy, La, Lu, Tb, Sm, Yb), except europium (0.441), as well as niobium (0.959), tantalum (0.953), zirconium (0.943), lead (0.863), zinc (0.849), lithium (0.848), hafnium (0.815) and selenium (0.801). Laboratory duplicates showed a high degree of correlation (Table 4), and the data is thus considered accurate.

Uranium (U)

The highest value for uranium in till is 19.3 ppm, found overlying the Strange Lake deposit (Figure 7). Other relatively high values are found within the dispersal train from the deposit.

Uranium is correlated with other deposit-related elements, including beryllium (0.712), cerium (0.809), dysprosium (0.830), lanthanum (0.830), terbium (0.838), thorium (0.827), yttrium (0.831), and ytterbium (0.796). Miller (1986) reports up to 212 ppm uranium from bedrock within the exotic-rich phase of the deposit. Laboratory duplicates showed a high degree of correlation (Table 4), and the data is thus considered accurate.

DISCUSSION

The geochemical dispersal patterns from the Strange Lake deposit have been described in detail by McConnell and Batterson (1987) and Batterson (1989a). The dispersal patterns vary widely between the elements. A group of elements including Be, Pb, U, Th, Y and Zr highlight the area of mineralization, whereas others (*e.g.*, Co, Ni and Cu) reflect either the gneissic terrane to the north or dispersion from the adamellites to the south. To more fully understand the inter-elemental associations, a Pearson correlation coefficient matrix was generated (Table 6). The table shows that elements having strong correlations (greater than 0.8) fall neatly into two groups. The first group consists of Co, Ni and Cu, which likely reflects a mafic component of the gneissic terrane. The second group is of lithophile elements associated with the ore elements of the Strange Lake deposit (Be-La-Nb-Pb-U-Y-Zr). Analysis of this second group shows that the patterns of dispersal are broadly similar (*e.g.*, Figures 5 and 31).

The highest values are clustered over the peralkaline granite and the mineralized zone, in particular, and the dispersal train extends parallel to ice movement as interpreted from ice-flow direction indicators. The train is ribbon-shaped, although some fanning occurs beyond 30 km down-ice. The train is clearly delineated for at least 40 km down-ice of the deposit. The geochemical contrast between the peralkaline-related dispersal train and local background over the gneissic terrane to the north is sharp. The difference between the peralkaline granite dispersal pattern and that of the adamellite is clear, although less pronounced. This is a reflection of more elevated ore-related element values within the adamellite than in the gneissic terrane.

The geochemical dispersal pattern shows anomalies in all deposit-related elements, about 15 km and 25 km respectively, down-ice of the deposit (*e.g.*, Figure 6). Regional geology maps show that the areas underlying the anomalies are Archean gneisses and are thus not related to any suitable mineralization (Ryan *et al.*, 1988). These anomalies, therefore, correspond to either unknown mineralization or, more likely, are related to the mode of till deposition and are associated with the peralkaline granite. Of note is the fact that the anomalies correspond to topographic highs, and it was speculated by Batterson (1989b)

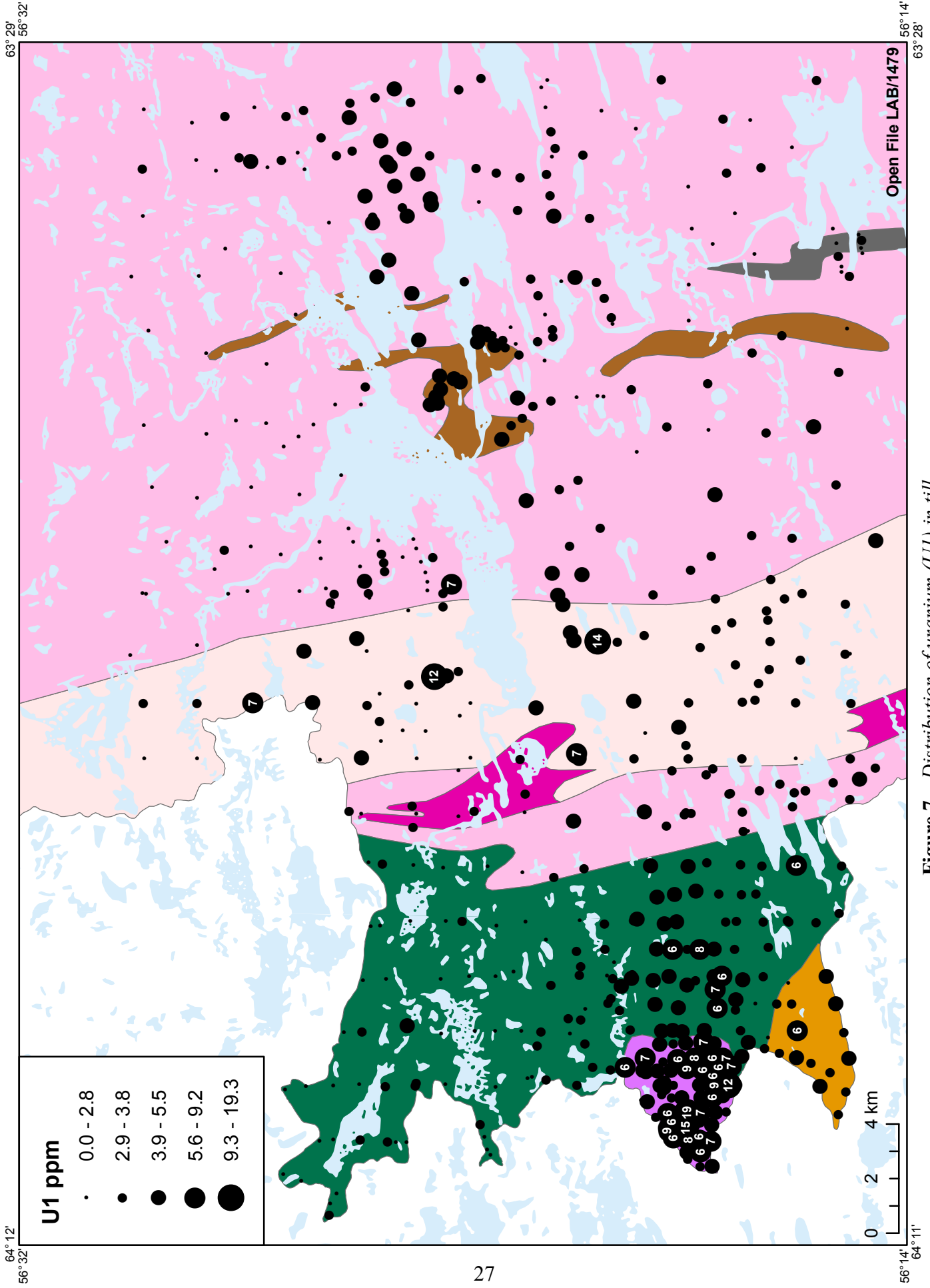


Figure 7. Distribution of uranium (U1) in till.

that these obstructions intercepted englacial till planes that were enriched in sediment derived from the Strange Lake deposit.

GLACIAL TRANSPORT WITHIN THE STRANGE LAKE AREA

The geochemical properties of the till are the result of a complex response to glacial dispersal from the Strange Lake deposit. Batterson (1998) showed that the characteristics of the dispersal trains are similar in both till geochemistry and clast-dispersal studies. These characteristics provide an insight into the modes of glacial transportation and deposition within the area.

Comparison of the till-pebble lithology and trace-element concentrations, along a transect oriented parallel to glacial flow, showed corresponding highs between the two (Batterson, 1989a). All the anomalies occur down-ice of the deposit, within the dispersal train. It has been shown, taking into consideration both geochemical and clast data, that these anomalies commonly correspond to topographic highs, notably crag-and-tail hills. The well-defined anomalies within the Strange Lake dispersal train suggest long transport distances for much of the sediment. From the extent of the dispersal train, it is unlikely that glacial material was transported in the basal layers of the ice and deposited as lodgement tills because these are characteristically short-transported. Instead, it is likely that material was transported passively in the ice near the base, but not in contact with the substrate. The thin lodgement tills in the area, and the widespread occurrence of thick glacial diamicton, which has characteristics of a basal melt-out till, suggest that much material was transported englacially by the Laurentide Ice Sheet.

The amount of erosion from the Strange Lake deposit and the spatial distribution of erosion are unknown. Data from diamond drilling indicates that overburden thickness commonly in excess of 20 m is found on the western flanks of the deposit, although if this represents a single depositional event is not known. Nevertheless, from the amount of dispersed material, it is likely that extensive erosion of the deposit has occurred. The deposit has a surface vertical extent of 120 m and if the whole deposit was available for erosion then the englacial debris package within the ice sheet must have been extensive. Bedrock crags intercepted the englacial debris planes and induced deposition, resulting in the formation of crag-and-tail hills. Lowland areas, which have low deposit-related geochemical values compared to adjacent topographic highs, and are commonly below the elevation of the Strange Lake deposit, received material deposited by lodgement or melt-out during the waning phases.

DISPERSAL FROM THE STRANGE LAKE DEPOSIT: A SUMMARY

The Strange Lake deposit consists of rock types that are mineralogically, visually and chemically distinctive from the surrounding gneiss and adamellite terrane. The deposit has been well defined by diamond drilling and is consequently of known character and extent. Glacial dispersal has been characterized by detailed descriptions of geochemical and lithological trends across the Strange Lake area, and provides a model for glacial dispersal that may be applied to areas where the source of mineralisation is not known. A number of important issues generally related to exploration within drift-covered areas have arisen from this study. The major points of the report are summarized below.

- 1) The Strange Lake area was covered by late Wisconsinan ice that flowed eastward (~ 070°). Of the major sediment types found within the study area, till covers about 60 percent of the surface area. Basal

melt-out till dominates and this suggests a mainly englacial transportation mode for the sediments. Outwash deposits are restricted to several broad, shallow valleys in which well-developed esker ridges, commonly reaching 20 m in height, are evident. These outwash channels follow the trends of deglaciation in the area.

2) Batterson (1989a) showed that between-horizon geochemical data for most elements analysed, indicated a significant difference between the B- and BC- and between the B- and C-horizons for all the elements except Ga, Pb and V. No significant variation occurred between BC and C horizon data, except for Zr. This suggests that geochemical samples representative of the parent material can be taken from any distance below the recognizable B-horizon.

3) Mudboils are easy to sample and provided C-horizon till samples, but they do not occur uniformly across the Strange Lake area. Batterson (1989a) compared the geochemistry of mudboil samples with adjacent C-horizon samples and suggested that a less than 10 percent variation existed for deposit-related elements and that data may be combined in a regional sampling program.

4) Consistency in sampling of specific glacial sediment types is essential for determining accurate dispersal patterns. The well known contrast between eskers and till samples is noted (*e.g.*, Shilts, 1982). Also of importance, is the difference in values between samples taken near the crag or on the ramp of a crag-and-tail hill compared to the adjacent lowlands. The anomalous geochemical values that were identified at certain places along the dispersal train reflect topography rather than adjacent mineralization. In a regional till-sampling survey, and in an area dominated by glacial sediments, the combination of data from hilltops and intervening lowlands may lead to erroneous conclusions regarding the source of anomalies. Similarly, the position of sampling along a crag-and-tail hill is also important. The ramp/crag area consistently has the highest geochemical values, whereas samples immediately down-ice of the crag consistently have the lowest. Similar results were found in an examination of clast dispersal (Batterson, 1989a). The genesis of crag-and-tail features and the fact that most material eroded from the crag was deposited a short distance down-ice of it, thus, diluting any material deposited from an englacial position, are suggested as the reasons for this. It does identify, however, the need for careful sampling programs in areas dominated by these features.

5) The dispersal train defined by the geochemistry results of the samples collected is oriented parallel to glacial flow and has a ribbon-shaped pattern that is very close to the width of the mineralized complex for at least 40 km down-ice.

6) The geochemical dispersal train of the Strange Lake deposit is clearly defined through single-element maps. The mineralization is best identified by the elements Be, La, Nb, Pb and Y. A group consisting of Ce, Rb, Th, U and Zr also focused on the deposit, although not as clearly.

7) A sampling pattern of 1 sample per 2.5 km² adequately identifies the large dispersal train from the Strange Lake deposit, and is a suitable sample pattern for drift exploration surveys for deposits of this size.

Analysis of dispersal from such unique deposits as the Strange Lake deposit is rare. It provides the opportunity to identify many of the effective exploration techniques for use in drift-covered areas. The

results of such a study may be applied to projects in other drift-covered areas, where the bedrock source of the mineralized clasts is presently unknown.

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Appendix A

Strange Lake Till-Geochemistry Data

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
843223	14D05	450570	6237920	20	C	10	5.73	1.0	3	7	760	815	2.9	1	2.33	0.1	88	104	5	11	41	29	0.7	23	7.0
843224	14D05	449070	6238023	20	C	8	5.80	1.0	3	4	850	827	2.9	1	2.30	0.1	120	102	7	10	40	28	0.7	9	6.7
843225	14D05	446750	6238370	20	C	5	5.73	0.9	3	10	760	812	2.9	2	2.24	0.1	110	106	6	10	41	27	0.6	13	6.9
843232	14D05	441500	6241750	20	C	7	5.66	1.3	4	4	810	867	7.3	1	2.04	0.1	140	138	5	8	41	24	0.8	10	9.6
843233	14D05	441970	6240840	20	C	7	5.62	1.0	3	5	960	851	2.9	1	2.17	0.1	120	107	6	9	40	24	0.8	10	6.5
844001	14D05	462550	6234560	20	Mudboil	80	6.19	0.8	3	2	900	809	2.3	8	2.65	0.1	110	96	9	12	62	46	0.7	19	5.4
844003	14D05	462740	6234610	20	Mudboil	80	6.17	0.8	3	2	890	819	2.5	3	2.60	0.1	110	97	10	12	57	43	0.7	12	5.7
844005	14D05	463030	6234570	20	Mudboil	110	5.82	0.5	3	1	830	783	2.4	1	2.61	0.1	110	102	8	13	60	42	0.6	13	5.9
844007	14D05	463250	6234700	20	bc	70	6.12	0.6	3	1	850	813	2.4	2	2.59	0.1	100	89	9	11	51	41	0.5	8	5.4
844009	14D05	461690	6235030	20	Mudboil	80	6.10	0.8	3	1	890	837	2.6	2	2.61	0.1	120	108	9	12	53	42	0.7	12	6.1
844010	14D05	461600	6235000	20	Mudboil	70	6.14	0.6	3	3	920	831	2.4	4	2.49	0.1	86	88	7	10	47	38	0.6	7	5.6
844011	14D05	461870	6235330	20	Mudboil	6	6.15	0.8	3	1	910	875	2.7	2	2.47	0.1	120	113	9	12	56	39	0.8	13	6.5
844012	14D05	462050	6235330	20	Mudboil	70	6.30	0.8	3	1	960	861	2.6	1	2.58	0.1	110	98	9	11	62	53	0.8	12	6.6
844013	14D05	462430	6235440	20	Mudboil	40	6.03	0.7	4	1	950	846	2.6	2	2.58	0.1	130	110	9	12	62	40	0.6	9	7.0
844014	14D05	462940	6235510	20	Mudboil	50	6.27	0.7	3	2	910	850	2.5	4	2.45	0.1	110	99	9	11	55	42	0.8	10	5.9
844016	14D05	463470	6235640	20	Mudboil	30	6.13	0.9	3	1	850	865	2.7	2	2.53	0.1	120	111	9	12	53	44	0.6	15	6.6
844022	14D05	459960	6243740	20	bc	70	5.51		3		608	3.0			2.08	0.1	157					44		12	6.5
844023	14D05	460190	6243770	20	Mudboil	60	5.68	0.8	3	2	930	844	2.8	1	2.16	0.1	110	100	6	9	39	24	0.7	8	5.8
844024	14D05	460900	6244040	20	Mudboil		5.69	0.7	3	1	930	840	2.7	1	2.21	0.1	100	88	6	9	40	25	0.6	6	6.2
844027	14D05	461490	6244320	20	bc	35	5.83	1.4	3	2	980	810	3.5	4	2.28	0.1	140	108	9	11	53	36	1.5	8	6.6
844029	14D05	461670	6245100	20	c	80	6.04	1.2	4	3	1100	864	2.9	4	2.30	0.1	140	113	7	10	50	30	1.0	7	6.5
844031	14D05	461540	6245620	20	bc	70	5.55	0.7	3	1	800	809	2.8	3	2.06	0.1	78	87	4	9	26	22	0.5	19	5.5
844032	14D05	461620	6246730	20	Mudboil	50	5.88	0.8	3	1	1000	886	3.2	1	2.32	0.1	100	96	6	9	43	26	0.6	7	6.7
844034	14D05	460990	6246470	20	bc	40	5.60	1.0	3	1	930	827	3.4	3	2.07	0.1	110	98	5	9	35	26	0.8	6	6.0
844036	14D05	460300	6246220	20	bc	30	5.71	0.8	3	1	980	875	3.9	3	1.85	0.1	100	90	5	8	36	22	0.8	4	5.5
844038	14D05	459740	6245940	20	c	80	5.48	0.9	4	2	870	818	3.4	2	2.02	0.1	96	89	6	9	36	22	0.6	5	6.0
844039	14D05	459470	6245920	20	Mudboil	5	5.67	1.2	4	2	780	851	3.7	4	2.04	0.1	110	116	6	10	40	30	0.8	11	6.7
844040	14D05	467580	6257970	20	Mudboil		5.85	1.2	3	1	920	848	3.5	2	2.47	0.1	130	120	10	12	54	41	0.9	20	6.1
844042	14D05	467590	6255730	20	bc	50	5.98	1.5	4	1	880	806	5.0	6	2.35	0.1	140	117	15	15	76	47	1.1	28	6.1
844043	14D05	468070	6253380	20	Mudboil		5.35	2.0	4	2	890	796	7.6	4	2.03	0.1	150	128	7	9	41	26	0.7	8	9.2
844044	14D05	468590	6251750	20	Mudboil		5.60	2.1	5	1	940	855	7.9	4	1.99	0.1	200	168	6	9	48	26	0.9	16	11.6
844048	14D05	468970	6248570	20	bc	40	5.64	1.0	3	1	900	889	4.7	4	2.05	0.1	120	110	7	9	34	25	0.8	10	6.5
844050	14D05	468920	6241940	20	BC	4	5.99	0.7	3	1	890	866	2.8	5	2.34	0.1	120	112	8	12	52	35	0.8	13	6.4
844052	14D05	468900	6236240	20	BC	4	5.97	0.9	3	2	840	807	2.6	4	2.53	0.1	130	113	8	13	58	42	0.8	8	6.7
844054	14D05	465500	6239540	20	BC	4	6.04	1.1	3	1	910	868	2.8	5	2.25	0.1	130	114	8	12	52	37	1.0	15	6.1
844056	14D05	467130	6242880	20	BC	5	5.84	0.6	3	1	920	844	2.7	3	2.22	0.1	120	97	8	10	40	28	0.7	12	5.7
844058	14D05	465330	6247120	20	BC	5	5.64	0.8	3	1	940	864	3.2	4	2.05	0.1	110	99	7	9	42	24	0.7	7	5.9
844060	14D05	465680	6248740	20	BC	5	6.00	1.3	3	2	1100	949	3.8	3	2.20	0.1	140	118	8	10	47	29	1.0	11	6.3
844062	14D05	466390	6251380	20	BC	5	5.27	1.7	5	1	860	788	8.4	4	1.84	0.1	180	141	5	8	43	23	0.7	6	9.8
844063	14D05	465640	6255050	20	B	2	5.42	1.0	3	1	820	764	3.7	8	2.12	0.1	97	87	8	9	44	34	0.6	13	5.2
844065	14D05	465930	6257030	20	BC	4	5.65	1.4	4	1	990	845	4.3	4	2.22	0.1	160	127	10	11	65	37	1.1	17	6.7
844067	14D05	465650	6261000	20	Mudboil	3	6.37	0.3	3	1	940	842	1.9	6	2.75	0.1	110	97	15	16	80	55	1.2	22	4.5
844071	14D05	463690	6254160	20	BC	4	5.90	1.1	3	2	850	791	4.1	3	2.26	0.1	95	96	9	11	46	41	0.6	20	5.6
844073	14D05	464130	6247210	20	BC	3	5.85	0.8	3	1	900	856	3.3	3	2.16	0.1	110	99	7	9	37	25	0.6	10	6.1
844075	14D05	463470	6240830	20	BC	4	5.86	0.5	2	1	880	816	2.5	4	2.45	0.1	110	99	15	16	51	35	0.6	32	5.4
844080	14D05	461070	6251100	20	BC	5	5.23	1.9	4	1	740	800	12.7	2	1.84	0.1	160	159	4	8	35	24	0.8	7	15.4

Sample	NTS	Eastng	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844082	14D05	461690	6252390	20	BC	5	5.81	2.2	5	3	850	845	6.2	3	2.30	0.1	150	138	10	13	62	44	1.2	17	8.4
844084	14D05	461820	6255930	20	BC	4	5.53	0.7	3	2	810	774	2.1	3	2.31	0.1	86	80	9	11	48	36	0.6	15	3.8
844086	14D05	461730	6258930	20	BC	5	6.14	0.3	3	2	1100	1005	2.0	3	2.63	0.1	110	102	14	14	66	46	0.9	19	3.6
844088	14D05	459730	6260790	20	BC	5	6.33	0.3	3	1	950	883	1.9	3	2.91	0.1	91	83	14	14	69	53	0.6	25	3.5
844089	14D05	460300	6255380	20	Mudboil	5	6.12	0.7	3	1	970	891	3.0	8	2.31	0.1	130	117	12	13	56	42	1.1	27	5.0
844091	14D05	459520	6237510	20		4	6.18	1.0	3	2	990	933	2.8	3	2.49	0.1	150	128	11	13	66	37	0.8	23	6.7
844093	14D05	458190	6235420	20	BC	5	6.25	0.7	4	2	980	903	2.7	4	2.43	0.1	130	120	9	13	65	41	1.1	12	6.6
844095	14D05	457760	6240230	20	BC	5	5.64	0.7	3	1	810	807	2.6	2	2.14	0.1	96	98	5	10	38	25	0.5	6	5.9
844097	14D05	457300	6244070	20	BC	4	5.59	0.7	3	21	910	833	2.7	3	2.11	0.1	98	93	5	9	38	23	0.7	5	5.7
844099	14D05	457230	6247220	20	C	6	5.39	1.4	4	2	930	818	6.6	2	1.86	0.1	160	130	5	8	34	21	0.7	6	8.5
844101	14D05	458820	6247170	20	BC	4	5.61	1.5	4	1	930	839	5.1	3	1.91	0.1	150	130	5	8	37	23	0.8	8	8.3
844104	14D05	459220	6247290	20	C	7	5.20	0.9	3	1	780	777	5.7	2	1.76	0.1	100	98	4	6	27	18	0.7	3	6.7
844106	14D05	459840	6247480	20	Mudboil	3	5.36	0.9	3	1	760	835	5.5	6	1.71	0.1	98	97	4	7	30	19	0.7	3	6.7
844108	14D05	459360	6247770	20	BC	5	5.42	1.5	4	1	850	790	6.1	3	1.82	0.1	150	131	6	8	36	23	0.8	6	8.4
844110	14D05	459100	6247670	20	C	5	5.35	1.3	3	1	890	802	5.8	3	1.83	0.1	130	114	5	7	38	19	0.7	5	7.3
844112	14D05	459180	6248050	20	BC	4	5.45	1.7	4	1	920	806	6.4	3	1.94	0.1	150	126	5	8	42	23	0.9	7	8.6
844114	14D05	459540	6248160	20	C	5	5.12	1.3	4	1	910	773	7.3	2	1.73	0.1	140	119	4	6	44	19	0.7	5	8.3
844116	14D05	459710	6248350	20	C	5	5.21	1.6	4	1	820	765	7.3	2	1.80	0.1	120	122	3	7	32	22	0.8	6	8.7
844118	14D05	459460	6248320	20	BC	5	5.28	1.6	4	1	810	767	7.3	4	1.85	0.1	150	140	4	8	39	22	0.7	5	9.7
844120	14D05	459660	6248620	20	C	4	5.37	1.6	5	1	860	844	10.1	2	1.87	0.1	160	148	4	7	33	21	0.8	4	11.2
844122	14D05	459290	6248690	20	C	5	5.71	1.9	5	1	940	902	12.3	1	2.07	0.1	220	201	5	9	45	25	0.9	7	15.4
844124	14D05	457830	6249330	20	C	3	5.33	1.9	5	1	870	830	10.5	1	1.84	0.1	190	175	5	8	41	23	0.9	10	14.4
844126	14D05	457940	6249550	20	C	5	5.34	2.2	4	1	870	808	11.1	3	1.84	0.1	190	169	6	8	45	22	0.9	9	12.5
844128	14D05	458050	6250090	20	C	6	5.19	2.3	4	1	860	794	10.0	2	1.82	0.1	160	143	6	8	47	23	0.8	8	11.4
844130	14D05	457540	6250050	20	C	6	5.28	2.3	5	1	870	799	9.5	4	1.84	0.1	170	148	5	8	46	30	0.8	7	11.4
844132	14D05	457290	6250210	20	C	3	5.08	2.3	4	1	820	774	9.3	2	1.83	0.1	160	145	4	7	35	22	0.7	5	11.1
844134	14D05	457050	6250170	20	C	5	5.21	2.2	4	1	890	796	9.4	2	1.85	0.1	170	139	5	7	43	23	0.9	8	10.5
844136	14D05	457000	6250430	20	C	5	5.12	2.4	4	2	880	795	9.8	2	1.82	0.1	180	152	6	8	49	25	0.9	11	11.2
844138	14D05	457640	6252810	20	BC	4	6.08	0.9	3	1	920	841	4.4	10	2.30	0.1	140	116	14	14	56	43	1.2	31	6.4
844140	14D05	457020	6252980	20	C	6	6.14	0.9	3	1	820	787	3.8	2	2.53	0.1	120	107	15	15	63	45	1.0	46	5.8
844141	14D05	457010	6253920	20	B	2	5.88	0.3	2	1	830	760	2.0	15	2.35	0.1	83	66	13	13	64	61	1.0	17	3.2
844143	14D05	456280	6254720	20	BC	4	6.08	0.3	3	1	810	811	2.1	7	2.55	0.1	85	80	12	14	60	52	0.9	25	4.0
844145	14D05	455820	6255270	20	BC	5	5.88	0.7	2	1	920	807	1.9	3	2.56	0.1	94	79	12	13	56	42	0.8	20	3.8
844146	14D05	455460	6255810	20	Mudboil	4	5.94	0.7	3	1	940	867	2.0	2	2.47	0.1	91	80	10	12	51	42	1.0	20	3.9
844147	14D05	455950	6238080	20	C	8	5.78	0.8	3	1	870	836	2.9	3	2.34	0.1	130	118	7	12	49	33	0.8	10	7.7
844149	14D05	456180	6241730	20	B	1	5.76	0.6	4	1	940	825	2.7	3	2.26	0.1	110	90	6	10	36	27	0.6	7	6.4
844151	14D05	459320	6246480	20	C	4	5.94	0.6	3	1	920	808	3.5	1	2.41	0.1	130	122	7	11	48	33	0.9	7	8.2
844153	14D05	453580	6259000	20	C	5	6.14	0.5	3	1	930	849	1.9	4	2.82	0.1	97	96	14	16	64	56	1.0	29	4.2
844155	14D05	453690	6255230	20	C	5	5.91	0.6	3	1	940	861	2.0	1	2.47	0.1	88	82	10	12	55	43	1.0	11	3.9
844159	14D05	453700	6239970	20	C	5	5.61	1.1	3	1	880	779	2.7	2	2.40	0.1	140	116	6	12	51	30	0.7	7	7.4
844160	14D05	454030	6235520	20	Mudboil	4	5.98	0.8	3	1	950	840	2.6	3	2.50	0.1	130	108	9	12	54	38	0.9	9	6.6
844161	14D05	452080	6237130	20	C	4	5.93	1.2	3	1	900	822	3.0	9	2.33	0.1	160	140	9	13	55	35	1.1	8	7.6
844163	14D05	450000	6242230	20	C	4	5.75	1.0	3	1	900	844	2.9	3	2.18	0.1	120	107	7	10	41	25	0.8	7	6.4
844164	14D05	449430	6251240	20	C	4	5.72	0.8	3	1	920	855	2.1	3	2.28	0.1	83	77	7	10	41	34	0.8	8	3.8
844166	14D05	447830	6235190	20	BC	4	6.08	0.7	3	1	890	874	2.9	3	2.37	0.1	140	128	9	12	54	34	0.8	9	7.5
844168	14D05	448070	6240510	20	BC	4	5.88	0.8	3	1	970	844	2.7	5	2.20	0.1	120	103	6	9	37	27	0.8	7	6.2

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844169	14D05	443620	6240040	20	Mudboil	2	6.40	1.6	4	1	1100	983	2.6	4	2.48	0.1	120	108	7	11	47	36	1.3	6	6.3
844172	14D05	445580	6249350	20	BC	5	5.53	0.8	3	1	900	815	2.0	4	2.07	0.1	83	72	7	9	46	29	0.8	5	3.5
844174	14D05	447940	6255070	20	BC	5	6.14	0.6	3	4	930	875	2.3	4	2.39	0.1	100	100	10	13	56	48	2.9	11	4.4
844176	14D05	450160	6257150	20	BC	4	6.21	0.5	2	1	900	858	2.0	4	2.38	0.1	92	84	14	15	68	53	1.2	26	4.0
844177	14D05	450080	6261000	20	B	3	6.20	0.3	3	1	840	829	2.0	8	2.80	0.1	120	107	13	16	73	60	1.0	14	4.4
844180	14D05	443560	6249390	20	BC	4	5.71	0.9	3	1	910	830	2.1	6	2.01	0.1	86	76	7	8	43	44	0.9	8	3.5
844182	14D05	441480	6251060	20	BC	5	5.58	0.6	3	1	890	784	2.0	2	2.41	0.1	100	83	8	11	52	39	0.9	8	4.3
844184	14D05	440000	6249960	20	BC	8	5.87	0.8	3	2	1000	885	2.1	3	2.22	0.1	99	88	9	11	48	36	1.2	12	4.2
844186	14D05	439620	6245890	20	Mudboil	4	5.46	2.0	4	17	940	837	3.3	4	1.97	0.1	110	97	7	8	39	27	1.0	10	5.3
844188	14D05	440070	6242330	20	Mudboil	1	5.59	1.7	5	1	990	877	10.2	1	1.88	0.1	190	156	5	7	46	21	1.0	5	11.8
844190	14D05	440030	6238240	20	BC	4	6.01	1.0	4	1	1000	875	2.9	3	2.37	0.1	130	112	6	10	44	28	1.0	6	7.1
844191	24A08	432970	6235000	20	BC	4	6.26	1.1	4	2	990	948	3.3	3	2.25	0.1	190	166	9	12	54	34	1.8	13	8.6
844193	24A08	432800	6236440	20	C	6	6.30	1.0	4	3	1100	958	3.1	2	2.33	0.1	140	137	7	11	46	35	1.7	7	8.2
844195	24A08	433000	6236980	20	C	7	6.18	1.2	3	4	1100	958	3.1	3	2.30	0.1	150	138	7	11	41	28	1.3	7	8.2
844196	24A08	433050	6237700	20	B	2	5.43	0.9	3	1	900	877	3.0	10	1.91	0.1	110	100	5	7	30	22	0.7	1	6.1
844198	24A08	433260	6238270	20	C	4	5.79	1.1	4	1	1100	907	2.8	3	2.20	0.1	150	128	7	9	45	24	1.1	4	7.5
844200	24A08	433570	6238750	20	C	7	5.81	1.2	4	1	1100	949	3.0	2	2.08	0.1	160	137	7	9	40	25	1.2	8	7.5
844202	24A08	433060	6238980	20	BC	2	5.68	2.4	5	3	1000	892	8.2	4	1.91	0.1	210	172	5	8	41	23	1.5	6	11.9
844204	24A08	433000	6239680	20	BC	2	5.55	4.7	8	1	880	853	16.6	3	1.90	0.1	310	270	4	9	54	24	1.8	8	20.1
844206	24A08	433000	6240070	20	C	5	5.75	2.5	5	3	1100	924	13.1	3	2.13	0.1	230	183	6	9	54	27	1.6	7	13.1
844207	24A08	433000	6240720	20	B	1	5.11	3.2	7	2	900	782	21.4	13	1.65	0.1	353	275	4	7	56	18	1.5	4	22.5
844210	24A08	433000	6242540	20	C	5	5.63	3.7	6	2	1000	901	12.9	1	1.98	0.1	230	184	6	9	59	27	1.7	10	25.8
844212	24A08	432500	6242500	20	C	7	5.45	2.3	4	1	990	844	5.5	2	1.97	0.1	140	117	6	8	44	25	1.2	8	8.0
844214	24A08	432510	6242080	20	C	7	5.26	1.9	4	1	890	795	8.6	5	1.83	0.1	150	130	5	7	35	20	0.9	4	12.3
844217	24A08	432540	6241600	20	BC	4	5.62	1.8	4	6	1000	905	9.7	3	1.96	0.1	160	130	6	8	42	25	1.3	7	10.0
844219	24A08	432540	6240430	20	BC	2	5.54	2.1	6	1	890	843	18.3	6	1.82	0.1	270	228	4	7	52	20	1.5	4	17.8
844221	24A08	432550	6239990	20	C	5	5.56	2.0	5	5	990	900	15.6	2	1.95	0.1	210	173	5	8	43	22	1.3	8	16.1
844223	24A08	432590	6239700	20	C	5	6.18	3.0	6	1	1100	1007	15.7	3	2.30	0.1	210	177	9	12	55	34	1.7	13	12.8
844225	24A08	432710	6239370	20	C	6	5.64	3.4	6	1	900	873	17.2	3	1.86	0.1	326	270	4	8	54	22	1.6	8	17.5
844227	24A08	431620	6239680	20	C	6	5.63	1.5	4	1	970	927	7.8	3	1.97	0.1	180	154	5	8	42	21	1.3	5	10.3
844229	24A08	431540	6240060	20	C	5	5.57	2.0	5	2	920	881	16.2	2	1.97	0.1	260	222	5	8	51	21	1.4	6	16.2
844231	24A08	431530	6240490	20	BC	2	5.40	2.1	4	1	940	910	9.5	4	1.80	0.1	190	161	5	8	46	19	1.3	3	13.6
844232	24A08	431540	6241180	20	Mudboil	4	5.79	2.5	6	1	940	949	9.8	1	2.08	0.1	190	186	7	10	35	28	1.5	10	18.6
844234	24A08	431530	6241570	20	BC	2	5.62	1.8	4	2	970	906	3.4	3	1.99	0.1	100	105	5	9	31	27	1.2	9	5.8
844237	24A08	431380	6242460	20	C	3	5.61	2.2	5	1	870	894	7.9	3	2.00	0.1	150	150	6	8	36	29	1.1	8	10.7
844239	24A08	431450	6242690	20	C	6	5.63	1.8	4	1	900	889	3.8	2	2.01	0.1	120	106	7	8	37	25	0.9	9	5.8
844241	24A08	430810	6242140	20	C	3	5.60	1.7	4	1	870	881	4.5	4	2.01	0.1	130	125	5	8	34	30	0.9	8	7.1
844242	24A08	430620	6241000	20	Mudboil	3	5.63	2.8	7	1	900	879	17.5	2	1.92	0.2	314	289	6	9	83	26	2.2	10	45.5
844243	24A08	430000	6240960	20	Mudboil	3	5.63	3.6	6	2	890	880	12.6	1	2.11	0.1	230	212	5	9	57	27	1.2	7	22.2
844244	24A08	429520	6241000	20	Mudboil	5	5.51	1.6	5	1	870	901	12.4	2	1.86	0.1	160	154	4	8	32	23	1.0	9	16.3
844246	24A08	429560	6240500	20	C	6	5.63	1.9	5	1	990	934	12.3	1	1.99	0.1	220	200	7	9	44	22	1.5	8	15.1
844248	24A08	430000	6240550	20	C	6	5.74	2.8	6	1	970	950	16.2	3	1.94	0.1	240	228	6	9	47	24	1.7	6	21.8
844250	24A08	430720	6240560	20	BC	2	5.68	2.6	5	1	1100	969	13.4	3	1.95	0.1	210	181	6	8	48	19	1.9	4	16.0
844252	24A08	430530	6240090	20	C	5	5.75	2.3	6	1	920	944	14.2	2	1.97	0.1	260	240	6	9	43	23	1.5	6	15.5
844257	24A08	430340	6241720	20	C	6	5.71	1.8	5	1	930	933	4.9	1	1.97	0.1	160	156	5	9	37	25	1.1	9	7.4
844262	24A08	430340	6241720	20	C	7	5.57	1.8	4	1	910	895	4.5	2	1.96	0.1	130	122	5	8	37	22	0.9	6	7.0

Sample	NTS	Eastng	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844266	24A08	430340	6241720	20	C	7	5.65	1.7	4	1	1000	903	7.0	1	2.02	0.1	150	137	5	8	45	21	1.2	8	12.6
844272	24A08	430340	6241720	20	C	7	5.60	1.4	4	1	1000	909	3.8	1	1.99	0.1	140	123	6	8	42	46	1.1	8	6.6
844275	24A08	432550	6242610	20	C	5	5.67	2.0	5	1	1000	900	8.5	2	2.04	0.1	150	129	6	8	47	24	1.0	7	10.2
844287	24A08	434730	6243480	20	C	5	5.67	2.2	5	3	900	901	3.9	3	2.08	0.1	140	132	8	10	42	30	1.6	9	6.5
844288	24A08	435170	6243780	20	C	5	5.59	1.4	4	1	930	859	3.8	2	1.99	0.1	130	105	7	10	48	40	1.1	12	6.0
844289	24A08	435920	6243720	20	C	5	5.83	2.3	5	1	740	847	4.4	4	2.07	0.1	130	128	10	12	41	38	1.4	25	6.6
844290	24A08	435930	6243030	20	C	5	5.41	1.7	5	1	810	813	5.2	2	2.07	0.1	140	122	6	9	44	28	0.9	6	7.7
844292	14D05	457540	6243040	20	C	6	5.88	1.0	4	1	990	850	2.9	3	2.20	0.1	130	107	7	9	36	26	0.9	8	6.3
844294	14D05	457310	6244290	20	C	6	5.68	0.3	3	1	790	843	2.7	2	2.15	0.1	86	86	5	8	35	23	0.3	4	5.7
844296	14D05	457280	6245050	20	C	5	5.68	1.0	3	1	900	873	2.9	3	2.08	0.1	100	96	6	9	38	24	0.6	14	5.4
844297	14D05	457120	6246000	20	C	4	5.90	1.2	4	1	930	932	4.5	3	2.03	0.1	120	127	5	9	35	25	0.9	8	7.4
844299	14D05	456930	6246650	20	C	5	5.88	1.4	4	1	910	911	4.5	3	2.05	0.1	130	123	6	9	33	28	0.8	10	6.3
844301	14D05	456500	6247050	20	C	7	5.53	1.5	4	1	900	840	6.5	3	1.89	0.1	140	131	5	8	36	23	0.8	6	8.0
844303	14D05	456220	6247450	20	C	6	5.35	1.8	5	1	790	808	8.7	3	1.82	0.1	150	147	4	8	45	22	0.7	5	10.4
844305	14D05	455710	6247800	20	C	4	5.41	1.8	5	2	840	813	8.6	3	1.86	0.1	170	153	5	8	39	20	0.8	7	10.5
844306	14D05	453460	6246900	20	B	2	5.71	3.6	6	1	710	777	6.9	9	2.34	0.1	210	193	9	15	80	49	1.9	11	10.3
844307	14D05	453880	6245680	20	Mudboil	3	5.64	1.5	4	1	900	837	5.1	8	1.80	0.1	140	127	5	8	41	22	1.1	8	8.3
844308	14D05	454210	6244990	20	Mudboil	5	5.83	1.1	4	1	900	885	4.2	3	2.11	0.1	120	111	5	9	37	25	0.9	5	6.5
844310	14D05	447190	6249390	20	C	7	5.55	0.9	3	2	1000	838	2.9	2	2.13	0.1	110	90	8	9	49	31	1.1	7	4.7
844311	14D05	447030	6249830	20	C	4	5.56	0.9	3	1	990	806	2.1	5	2.20	0.1	110	90	10	10	57	37	1.0	6	4.3
844312	14D05	447000	6250290	20	Mudboil	3	6.04	1.2	4	1	860	895	2.3	6	2.22	0.1	120	122	10	12	58	45	1.4	23	4.6
844314	14D05	446710	6251210	20	C	6	5.83	0.6	3	1	990	895	2.2	2	2.36	0.1	93	90	8	11	47	37	0.9	12	4.1
844315	14D05	446380	6252290	20	B	2	5.53	0.6	3	1	940	818	1.9	6	2.18	0.1	80	70	8	9	54	35	0.9	6	3.5
844316	14D05	445350	6252300	20	Mudboil	4	6.07	0.7	4	1	1000	916	2.2	2	2.38	0.1	110	103	9	12	55	41	1.2	14	4.3
844317	14D05	445030	6251450	20	C	6	5.91	0.8	4	1	1000	927	2.2	3	2.30	0.1	99	88	10	11	46	38	1.0	14	3.9
844318	14D05	445000	6250600	20	C	7	5.71	0.8	3	2	910	863	2.0	6	2.05	0.1	97	88	8	10	47	43	1.3	9	3.4
844321	14D05	467350	6259190	20	BC	3	5.95	0.5	3	1	890	809	2.4	4	2.32	0.1	91	84	13	13	54	40	0.8	32	3.6
844323	14D05	458500	6256440	20	BC	5	6.27	0.3	1	1	870	842	2.1	2	2.53	0.1	78	79	10	12	49	44	0.9	22	3.6
844327	14D05	461400	6240930	20	C	7	5.82	2.1	4	1	800	839	2.8	2	2.20	0.1	100	99	7	10	43	29	0.7	15	6.0
844328	14D05	467460	6238680	20	BC	2	5.76	0.3	4	1	890	828	2.6	6	2.21	0.1	120	105	8	12	56	44	1.0	12	5.5
844330	14D05	458900	6238600	20	C	7	5.63	1.1	4	1	850	811	2.8	3	2.30	0.1	120	120	10	14	56	35	0.7	27	6.9
844332	14D05	448980	6239350	20	C	7	5.64	0.9	3	1	900	838	2.9	2	2.12	0.1	120	114	6	10	31	26	0.9	10	6.3
844334	14D05	448750	6239940	20	C	7	5.60	0.7	3	1	940	849	2.9	1	2.21	0.1	130	115	6	10	39	25	0.6	6	6.8
844335	14D05	444470	6241030	20	BC	6	5.87	1.2	4	2	910	925	3.5	2	2.06	0.1	120	117	5	9	35	24	0.7	8	6.8
844337	14D05	451430	6240100	20	C	6	5.26	0.8	2	2	950	778	2.6	4	1.95	0.1	130	98	7	9	35	23	0.8	6	5.4
844339	14D05	438310	6235400	20	C	6	6.02	0.7	4	2	960	870	3.0	3	2.35	0.1	130	114	8	10	49	30	0.8	7	7.2
844342	24A08	435620	6243410	20	C	15	5.44	2.2	5	1	940	836	4.7	1	2.09	0.1	140	119	7	9	43	29	1.0	10	7.5
844501	14D05	443650	6234080	20	BC	3	5.85	3.2	5	1	870	803	2.8	6	2.31	0.1	120	109	11	14	63	55	1.3	10	6.9
844502	14D05	443250	6234650	20	Mudboil	3	6.09	1.0	4	1	1000	906	2.9	2	2.47	0.1	150	134	9	12	54	37	1.3	11	7.9
844504	14D05	443100	6235620	20	BC	5	5.95	0.9	3	1	870	841	2.7	4	2.41	0.1	110	102	6	11	50	32	0.7	6	6.7
844505	14D05	442820	6236650	20	Mudboil	5	6.10	0.7	4	3	870	897	3.1	2	2.32	0.1	140	135	7	11	40	32	1.1	8	7.9
844507	14D05	442820	6236650	20	BC	5	6.14	0.8	3	5	910	858	3.2	5	2.19	0.1	130	117	8	10	41	31	1.3	6	7.2
844509	14D05	442750	6237050	20	BC	6	5.67	0.6	3	2	880	769	2.7	9	2.10	0.1	120	94	6	9	42	30	0.7	4	6.2
844511	14D05	443060	6237590	20	BC	9	5.66	0.6	3	1	940	803	2.8	3	2.17	0.1	120	97	6	9	41	25	0.7	5	6.6
844513	14D05	442820	6238340	20	BC	9	5.82	0.8	3	1	930	846	2.9	3	2.22	0.1	130	113	6	10	40	27	0.9	6	7.0
844515	14D05	442710	6239400	20	BC	4	5.74	0.6	3	6	980	850	2.6	6	2.13	0.1	110	90	6	8	41	23	0.9	2	6.2

Sample	NTS	Easting	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844516	14D05	442700	6239450	20	Mudboil	5	5.95	1.3	3	6	1000	888	2.8	5	2.26	0.1	130	112	7	10	42	29	1.1	6	7.0
844518	14D05	443380	6240300	20	BC	5	5.82	1.4	4	7	1100	951	2.5	6	2.06	0.1	110	88	7	9	44	36	1.5	4	5.1
844520	14D05	441930	6241100	20	BC	5	5.58	1.2	4	3	890	835	3.6	7	2.04	0.1	110	98	6	8	40	23	0.8	3	6.3
844538	14D05	450380	6249650	20	BC	5	5.60	2.5	5	1	950	795	5.2	3	2.33	0.1	240	182	11	14	83	48	1.4	11	8.3
844540	14D05	451370	6250330	20	BC	5	5.74	1.2	4	6	1000	864	2.8	2	1.99	0.1	110	86	8	10	48	39	1.6	13	4.2
844542	14D05	450170	6250540	20	BC	8	5.29	0.9	3	1	810	795	2.4	3	2.02	0.1	74	75	7	9	39	30	0.7	6	3.8
844544	14D05	450490	6250540	20	BC	5	5.36	0.9	3	1	900	830	2.6	3	1.98	0.1	79	70	6	8	38	28	0.8	8	3.8
844546	14D05	450830	6250610	20	BC	5	5.57	0.9	3	4	880	848	2.5	3	1.99	0.1	79	76	6	9	38	29	1.0	9	3.9
844548	14D05	451230	6250780	20	BC	5	5.52	0.9	3	9	940	850	2.7	4	1.98	0.1	97	81	7	9	42	30	1.1	9	3.8
844549	14D05	451700	6250950	20	B	1	5.19	1.0	4	11	720	742	2.5	11	1.69	0.1	69	70	6	8	44	33	1.0	8	3.2
844552	14D05	452050	6251060	20	BC	8	5.61	1.1	3	13	950	837	2.7	6	1.98	0.1	86	73	7	8	41	30	1.0	6	3.7
844554	14D05	451410	6251450	20	BC	8	5.64	0.8	1	16	850	819	2.5	3	2.09	0.1	94	91	8	9	41	32	0.9	11	3.8
844556	14D05	450880	6252100	20	BC	7	5.39	0.7	3	1	910	795	2.0	5	2.13	0.1	95	83	9	10	52	35	0.7	9	3.5
844558	14D05	451190	6252140	20	BC	6	5.33	0.7	3	1	950	796	1.9	4	2.10	0.1	89	74	9	10	50	35	0.8	9	3.3
844560	14D05	451500	6252220	20	BC	5	5.50	0.8	3	20	970	829	2.2	4	2.07	0.1	95	81	8	10	51	34	0.8	9	3.7
844561	14D05	467840	6260950	20	Mudboil	5	5.97	0.6	3	9	970	860	2.1	2	2.54	0.1	100	98	11	13	56	46	1.0	17	4.1
844563	14D05	467930	6256890	20	BC	6	5.28	0.8	3	1	770	742	2.9	2	2.25	0.1	77	76	7	9	46	33	0.3	11	4.1
844565	14D05	467790	6255080	20	BC	6	5.24	1.4	3	1	760	724	4.5	5	2.07	0.1	110	98	8	9	43	32	0.6	11	5.8
844566	14D05	468260	6252450	20	BC	7	5.24	2.1	4	1	730	773	9.4	4	1.89	0.1	150	147	5	8	40	23	0.8	9	10.9
844568	14D05	468101	6251150	20	BC	8	5.32	1.6	4	1	890	808	6.3	3	1.90	0.1	140	119	6	8	36	24	0.8	11	7.8
844569	14D05	468560	6249380	20	BC	6	5.31	1.3	3	1	880	810	4.9	14	1.83	0.1	130	107	6	8	41	25	1.1	7	6.3
844571	14D05	467800	6244140	20	BC	7	5.26	0.7	2	1	870	742	2.4	5	1.93	0.1	95	73	6	9	35	23	0.6	6	4.4
844572	14D05	467470	6239670	20	BC	5	5.82	0.9	3	1	960	842	2.6	4	2.30	0.1	130	104	8	11	45	34	0.7	9	5.9
844573	14D05	466440	6237150	20	BC	6	5.88	0.8	4	1	780	838	2.8	9	2.12	0.1	160	157	10	13	48	44	1.0	19	6.9
844575	14D05	465000	6240960	20	BC	7	5.83	0.9	3	1	990	825	2.7	6	2.24	0.1	140	108	10	12	59	34	1.0	16	5.6
844577	14D05	466160	6244820	20	BC	6	5.78	0.9	3	2	930	841	3.0	3	2.31	0.1	130	121	7	11	41	31	0.8	11	6.9
844578	14D05	465500	6248000	20	BC	6	5.59	1.0	3	2	870	836	3.5	7	2.07	0.1	120	107	7	10	37	35	0.9	7	6.2
844580	14D05	466150	6250450	20	BC	7	5.13	1.3	4	1	870	787	6.6	3	1.77	0.1	140	114	5	7	34	20	0.7	7	7.6
844582	14D05	466130	6253880	20	BC	6	5.46	1.1	4	2	920	813	6.4	3	1.96	0.1	140	123	5	8	40	27	0.8	6	8.3
844583	14D05	465980	6255890	20	BC	6	5.45	1.3	4	1	830	764	4.1	16	2.09	0.1	130	110	10	11	51	42	0.9	25	5.3
844584	14D05	465980	6259030	20	BC	6	5.56	0.7	3	1	730	803	3.3	6	2.19	0.1	110	116	8	11	40	40	0.7	16	5.1
844586	14D05	463930	6260980	20	C	7	6.09	0.6	3	1	920	835	1.9	6	2.54	0.1	100	92	12	13	59	49	0.9	27	3.4
844589	14D05	464440	6248640	20	BC	7	5.54	1.0	4	1	810	841	4.2	8	1.86	0.1	110	108	7	9	31	27	0.8	17	6.3
844593	14D05	464010	6239250	20	BC	8	5.83	0.9	3	1	840	798	2.4	10	2.12	0.1	99	90	7	10	45	33	0.7	9	5.1
844595	14D05	461510	6249180	20	BC	7	5.04	1.3	4	1	670	704	7.0	7	1.68	0.1	120	115	5	7	35	29	0.6	5	8.0
844596	14D05	462310	6251950	20	Mudboil	6	5.41	2.1	5	1	950	826	7.8	2	1.92	0.1	170	143	6	8	35	27	1.0	9	9.6
844599	14D05	461700	6261410	20	BC	4	6.20	0.3	4	1	910	822	1.8	6	2.22	0.1	97	87	17	16	82	57	1.0	31	3.1
844600	14D05	458870	6258660	20	Mudboil	3	6.12	0.6	3	1	920	819	1.8	4	2.63	0.1	110	89	12	13	64	50	0.8	24	3.6
844602	14D05	460090	6240930	20	BC	6	5.78	0.8	3	1	930	811	2.6	3	2.12	0.1	110	90	6	9	39	25	0.7	7	5.5
844604	14D05	459780	6235130	20	BC	6	5.97	0.6	3	1	810	790	2.4	3	2.45	0.1	90	82	7	11	51	37	0.3	6	5.2
844609	14D05	458610	6246230	20	BC	6	5.45	0.8	3	1	890	805	3.6	2	1.99	0.1	110	97	6	8	33	21	0.6	5	6.0
844611	14D05	449900	6252670	20	BC	5	6.03	1.0	3	1	970	892	2.2	3	2.11	0.1	100	92	8	10	49	34	1.5	15	3.8
844613	14D05	450060	6252700	20	BC	9	5.79	1.1	2	1	950	851	2.1	8	2.14	0.1	110	91	9	11	48	37	1.3	12	3.6
844615	14D05	450490	6252840	20	BC	6	6.11	0.9	3	1	1100	911	2.2	2	2.19	0.1	120	100	10	11	51	37	1.5	14	4.0
844617	14D05	451060	6253010	20	BC	5	5.75	0.3	3	1	1100	909	2.0	3	2.28	0.1	120	98	12	12	55	37	1.1	13	3.5
844619	14D05	451950	6253260	20	BC	5	5.89	0.9	3	1	1100	912	2.2	2	2.21	0.1	110	98	10	12	57	40	1.2	21	3.9

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844621	14D05	452450	6253430	20	BC	5	5.85	0.6	3	1	860	871	2.1	2	2.37	0.1	87	99	6	12	38	42	1.0	11	4.4
844623	14D05	451960	6254500	20	BC	6	5.79	0.3	3	1	870	766	1.9	6	2.25	0.1	88	75	11	12	57	43	1.0	8	3.4
844625	14D05	451350	6254450	20	BC	7	5.67	0.6	3	1	940	830	2.0	3	2.24	0.1	91	80	9	10	49	35	1.0	12	3.5
844629	14D05	450250	6254260	20	BC	7	5.74	0.6	3	1	940	817	2.0	8	2.20	0.1	120	95	12	13	71	57	1.4	13	3.5
844631	14D05	449710	6254100	20	BC	6	6.01	0.9	3	1	920	869	2.2	10	2.12	0.1	110	95	10	12	54	43	1.5	19	3.7
844633	14D05	449560	6254030	20	BC	7	5.68	0.7	3	1	940	815	2.0	4	2.28	0.1	89	74	10	12	58	42	0.9	6	3.4
844634	14D05	450150	6255230	20	B	2	5.87	0.6	3	1	900	800	2.0	15	2.03	0.1	81	65	9	11	56	43	1.4	2	3.0
844636	14D05	451500	6255920	20	B	6	5.90	0.6	3	1	970	840	2.1	7	2.26	0.1	90	72	10	11	56	43	1.6	6	3.4
844638	14D05	451790	6257020	20	BC	5	6.12	0.3	3	1	820	802	1.8	17	2.32	0.1	74	70	11	13	53	46	1.2	21	3.1
844640	14D05	451660	6258000	20	BC	5	6.08	0.3	3	1	840	745	1.9	10	2.59	0.1	120	91	13	16	88	63	1.2	6	4.0
844642	14D05	450960	6258350	20	BC	5	6.27	0.7	3	2	1000	908	2.1	3	2.41	0.1	100	85	14	15	65	49	2.1	22	3.8
844646	14D05	448160	6259000	20	B	2	5.83	0.6	3	3	860	779	1.9	14	2.39	0.1	84	75	10	13	65	54	1.3	6	4.1
844652	14D05	447800	6261460	20	BC	7	6.09	0.3	3	1	930	896	2.0	6	2.67	0.1	85	77	12	14	72	55	1.3	10	3.8
844654	14D05	456250	6260960	20	BC	6	6.13	0.5	3	1	960	862	2.0	5	2.71	0.1	93	82	12	14	59	51	1.2	21	3.8
844657	14D05	455930	6258650	20	BC	5	6.14	0.3	2	1	750	770	1.9	9	2.66	0.1	87	84	15	17	63	61	0.8	17	3.5
844659	14D05	456420	6257570	20	BC	6	6.03	0.3	3	1	890	776	1.8	6	2.64	0.1	94	75	14	13	57	47	0.7	19	3.3
844660	14D05	456310	6256460	20	BC	1	5.87	0.6	3	1	890	855	1.9	8	2.17	0.1	77	69	9	11	49	41	0.9	16	2.9
844662	14D05	448530	6242560	20	BC	6	6.45	1.5	4	1	1200	1019	2.8	5	2.27	0.1	130	107	8	10	46	33	1.3	8	5.3
844663	14D05	448420	6253120	20	B	4	6.13	1.0	4	1	970	910	3.5	5	2.14	0.1	150	130	7	10	46	35	1.6	9	6.6
844664	14D05	448250	6243560	20	B	5	5.33	2.3	4	1	690	714	2.8	33	1.66	0.1	100	97	7	9	53	37	1.6	6	4.7
844665	14D05	448300	6244290	20	BC	2	5.64	1.1	5	3	660	742	7.4	5	2.38	0.1	240	193	13	19	60	50	3.3	25	14.0
844667	14D05	448340	6245150	20	BC	7	5.67	2.2	5	1	940	885	10.7	3	1.92	0.1	180	173	5	8	44	24	1.1	9	12.4
844669	14D05	448640	6245280	20	BC	5	5.43	1.9	5	1	830	818	11.3	3	1.81	0.1	200	178	5	8	40	22	1.1	8	13.7
844670	14D05	449650	6245560	20	Mudboil	8	5.49	2.0	5	1	890	815	9.4	4	1.89	0.1	200	170	5	9	47	32	0.9	7	11.5
844672	14D05	450790	6245950	20	BC	6	5.50	2.2	5	1	920	816	10.8	3	1.76	0.1	200	162	5	8	45	21	1.0	11	12.5
844674	14D05	450750	6244860	20	BC	8	5.93	1.6	4	1	990	922	4.9	4	2.07	0.1	150	125	7	9	48	29	1.2	8	7.1
844675	14D05	451780	6245300	20	B	3	5.83	0.8	3	1	1000	921	2.9	13	1.87	0.1	100	78	6	9	51	34	1.1	4	3.9
844677	14D05	452450	6244180	20	BC	5	6.02	0.9	4	1	960	914	4.0	2	2.22	0.1	120	110	6	10	47	32	1.2	8	6.7
844679	14D05	463680	6252550	20	BC	5	5.47	2.3	5	1	890	829	9.0	5	1.89	0.1	170	147	6	9	42	27	0.9	12	11.2
844680	14D05	463880	6252550	20	Mudboil	9	5.58	2.0	6	1	720	875	9.3	3	1.95	0.1	130	169	5	9	21	28	0.7	15	11.8
844682	14D05	464650	6252820	20	BC	6	5.51	1.5	5	1	980	850	6.9	1	2.08	0.1	150	125	6	8	37	27	0.9	8	8.2
844685	14D05	466300	6253290	20	BC	6	5.24	1.7	4	1	870	793	7.9	5	1.85	0.1	150	130	5	7	40	23	0.7	6	9.4
844687	14D05	466700	6252250	20	BC	6	5.52	1.9	4	1	920	837	7.7	5	1.89	0.1	170	136	6	8	40	24	0.8	9	10.1
844688	14D05	465910	6252030	20	Mudboil	5	5.55	1.4	4	1	930	859	8.6	1	2.03	0.1	180	150	6	8	40	25	0.9	8	10.9
844690	14D05	465750	6251900	20	BC	5	5.54	1.8	5	1	940	857	8.8	2	1.92	0.1	180	150	6	8	43	24	0.9	9	10.6
844692	14D05	465040	6251730	20	BC	5	5.58	2.1	5	1	790	875	8.1	1	2.02	0.1	200	154	4	8	43	25	0.7	9	10.5
844693	14D05	464230	6251440	20	Mudboil	6	5.41	1.6	5	1	870	823	13.1	2	1.94	0.1	180	183	5	8	36	23	0.7	11	17.2
844694	14D05	463920	6251270	20	Mudboil	6	5.30	2.3	5	1	870	813	10.5	6	1.81	0.1	220	173	5	8	40	24	1.0	11	13.8
844696	14D05	464350	6250380	20	BC	6	5.32	1.4	5	1	810	814	8.7	2	1.92	0.1	180	152	5	8	37	22	0.9	8	11.3
844698	14D05	464560	6250430	20	BC	7	5.33	1.6	4	1	920	804	8.5	3	1.90	0.1	180	149	5	8	45	22	0.9	9	10.2
844700	14D05	465470	6250880	20	BC	6	5.52	1.4	4	1	950	860	7.5	3	2.02	0.1	180	147	6	8	36	24	0.9	9	9.7
844701	14D05	456180	6236350	20	Mudboil	7	6.28	1.3	4	1	1000	954	2.9	2	2.46	0.1	170	167	10	13	61	44	1.4	19	7.1
844702	14D05	456080	6240220	20	Mudboil	6	5.86	0.6	4	1	810	846	2.8	3	2.21	0.1	99	100	6	10	36	25	0.8	8	5.9
844705	14D05	453980	6260660	20	BC	7	6.01	0.3	3	1	830	838	1.9	4	2.72	0.1	79	83	11	13	55	49	0.9	14	4.0
844706	14D05	453980	6257000	20	Mudboil	6	6.49	0.3	3	1	910	960	2.2	1	2.65	0.1	100	99	12	15	60	71	1.4	23	4.3
844708	14D05	454390	6253710	20	BC	6	6.05	0.7	3	1	960	880	2.1	4	2.32	0.1	98	89	12	12	57	40	1.1	23	3.3

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844710	14D05	455280	6242840	20	BC	5	5.91	0.6	3	1	840	870	2.9	3	2.24	0.1	110	99	6	9	31	26	0.7	7	6.1
844713	14D05	452000	6234060	20	BC	7	6.21	1.2	4	1	980	866	2.7	7	2.63	0.1	180	149	11	13	67	42	1.1	15	7.4
844715	14D05	452190	6238620	20	BC	5	5.88	1.1	3	1	950	847	2.8	3	2.29	0.1	140	120	6	10	46	28	0.7	12	6.7
844717	14D05	449580	6249960	20	BC	6	5.59	0.9	3	1	980	855	2.7	4	2.03	0.1	110	88	7	9	48	31	1.0	7	4.1
844719	14D05	450050	6236770	20	BC	6	6.00	1.0	4	1	960	857	2.8	5	2.28	0.1	120	106	6	11	45	30	0.8	7	6.6
844721	14D05	447620	6236830	20	BC	7	6.05	0.8	3	1	880	842	2.6	5	2.34	0.1	110	105	6	10	40	32	0.8	4	5.9
844722	14D05	444940	6242540	20	B	2	5.85	1.1	4	3	950	872	2.7	9	2.01	0.1	94	91	5	8	42	29	0.9	4	4.8
844724	14D05	443540	6241540	20	BC	6	6.46	1.5	4	1	1200	1039	2.7	4	2.32	0.1	130	105	8	10	53	35	1.3	10	4.6
844727	14D05	447940	6252760	20	Mudboil	6	6.08	0.8	3	1	1000	930	2.2	3	2.30	0.1	110	92	9	10	51	37	1.1	19	3.8
844731	14D05	451960	6260130	20	BC	6	6.70	0.3	3	5	930	871	1.8	9	2.74	0.1	130	113	20	19	78	80	1.2	52	3.1
844732	14D05	444640	6252240	20	Mudboil	5	5.89	0.6	4	2	990	855	2.1	1	2.41	0.1	88	75	9	10	50	37	0.9	11	3.5
844734	14D05	441880	6249390	20	BC	5	5.74	0.6	3	1	960	873	2.0	5	2.34	0.1	92	82	9	11	56	39	0.9	7	4.1
844736	14D05	440120	6252190	20	BC	7	5.81	0.6	3	1	940	831	2.1	3	2.51	0.1	110	91	11	12	57	44	1.4	9	4.3
844737	14D05	440030	6248330	20	Mudboil	5	5.96	1.0	1	1	870	867	2.2	3	2.05	0.1	84	84	6	9	37	32	1.1	11	3.6
844741	14D05	440160	6240260	20	BC	6	5.97	1.4	4	1	1100	928	3.0	5	2.13	0.1	130	106	7	8	42	27	0.9	5	5.9
844743	14D05	442700	6246940	20	BC	7	6.01	1.3	3	1	980	796	2.5	4	2.22	0.1	90	77	9	10	54	45	1.4	5	3.6
844745	14D05	452000	6252340	20	BC	6	5.54	0.7	3	1	820	820	2.1	3	2.16	0.1	74	81	7	10	44	37	0.8	9	3.6
844770	14D05	449420	6238070	20	BC	5	5.79	1.2	4	2	930	794	2.7	4	2.33	0.1	120	103	6	10	44	28	0.7	6	6.7
844772	14D05	448290	6237950	20	BC	6	5.82	0.5	3	1	830	787	2.7	6	2.19	0.1	110	103	6	9	38	28	0.6	4	6.6
844774	14D05	447250	6237970	20	BC	7	5.77	0.3	3	1	830	778	2.9	6	2.15	0.1	120	102	5	8	33	24	0.7	4	6.3
844776	14D05	446130	6238500	20	BC	4	5.70	0.3	3	1	830	798	2.8	5	2.13	0.1	110	102	6	9	32	25	0.8	5	6.3
844779	14D05	465600	6258300	20	Mudboil	3	6.04	1.0	4	1	900	819	3.3	13	2.20	0.1	130	111	15	15	68	53	1.2	23	5.0
844780	14D05	466050	6257450	20	Mudboil	10	5.81	1.3	4	1	940	869	3.8	4	2.23	0.1	130	110	10	11	53	39	1.1	31	5.6
844781	14D05	465700	6256420	20	BC	8	5.89	1.1	4	1	770	881	4.7	3	2.28	0.1	110	121	8	11	35	38	0.8	19	6.3
844783	14D05	466250	6255300	20	BC	5	5.67	1.1	3	1	910	820	4.0	4	2.29	0.1	120	105	10	11	52	36	0.7	18	5.3
844784	14D05	466810	6254440	20	BC	5	5.49	1.5	4	4	970	827	6.7	2	2.09	0.1	160	125	7	9	38	30	0.9	16	8.0
844786	14D05	467550	6253410	20	BC	5	5.62	2.2	5	1	910	831	8.4	9	2.02	0.1	190	156	8	9	45	32	0.9	10	10.2
844787	24A08	435000	6235480	20	Mudboil	5	6.21	0.3	4	1	1100	949	3.9	2	2.14	0.1	210	186	7	10	41	36	1.3	7	9.7
844789	24A08	434980	6237150	20	BC	7	5.96	1.1	4	1	1000	923	3.2	4	2.13	0.1	140	128	6	9	36	25	1.2	4	7.7
844791	24A08	434970	6237700	20	BC	4	5.75	0.8	4	1	910	841	2.6	13	1.98	0.1	120	98	5	8	36	28	0.8	3	6.1
844793	24A08	435000	6238500	20	BC	5	5.69	1.1	3	1	860	902	2.7	6	2.05	0.1	120	111	5	8	31	23	0.8	3	6.5
844795	24A08	434750	6239210	20	BC	2	6.03	1.1	3	2	1100	944	3.5	2	2.12	0.1	150	125	7	9	40	26	1.2	6	7.8
844796	24A08	435150	6239200	20	Mudboil	3	6.23	1.9	5	1	980	976	3.9	2	2.06	0.1	190	174	7	10	43	29	1.5	9	8.8
844798	24A08	434810	6239880	20	BC	3	5.76	3.1	6	1	990	841	12.6	4	1.91	0.1	270	206	5	8	53	25	1.6	9	15.4
844801	24A08	434830	6241320	20	BC	5	5.69	2.5	5	1	870	838	9.4	4	2.03	0.1	180	160	7	9	44	30	1.8	7	12.7
844802	24A08	434970	6242180	20	C	5	6.19	1.9	7	2	950	973	7.1	2	2.08	0.1	150	139	9	11	51	38	1.5	16	9.3
844805	24A08	435000	6243900	20	BC	7	5.92	1.7	4	1	920	851	2.8	8	1.90	0.1	120	101	9	10	52	34	1.2	15	4.9
844811	24A08	433500	6242000	20	BC	4	5.73	2.3	4	1	970	928	8.0	1	1.98	0.1	150	146	6	8	49	24	1.2	11	10.7
844813	24A08	433500	6241500	20	BC	6	5.72	1.7	4	1	910	929	4.9	5	2.06	0.1	120	116	5	8	40	26	1.3	5	7.4
844815	24A08	434000	6241510	20	BC	6	5.61	3.3	6	1	960	922	10.9	2	1.97	0.1	200	182	5	8	52	23	1.2	7	15.4
844817	24A08	433550	6241050	20	BC	4	5.75	1.7	4	1	1100	963	6.4	4	1.99	0.1	170	141	6	8	41	21	1.5	4	10.4
844819	24A08	433580	6240390	20	BC	2	5.61	2.2	6	1	890	857	18.3	3	1.89	0.1	280	248	4	7	49	20	1.4	6	18.7
844821	24A08	434000	6240350	20	BC	7	5.59	1.4	4	1	930	910	7.1	6	1.93	0.1	150	137	5	7	41	21	1.0	3	12.1
844822	24A08	433520	6240000	20	Mudboil	5	5.96	1.5	4	1	1100	979	6.8	3	2.11	0.1	170	156	7	9	42	24	1.4	6	10.2
844825	24A08	437060	6238000	20	BC	5	5.97	1.2	3	1	910	903	2.8	6	2.20	0.1	100	97	5	8	32	23	0.6	4	6.3
844827	24A08	437000	6239250	20	BC	3	6.18	1.6	4	1	1000	982	3.7	4	2.15	0.1	130	120	8	9	41	27	1.1	8	6.7

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
844829	24A08	437000	6240000	20	BC	5	5.89	1.8	4	1	1000	928	6.4	4	2.08	0.1	160	139	6	8	38	24	1.3	4	8.9
844830	24A08	437000	6240530	20	BC	5	5.59	1.5	6	1	870	849	16.8	1	1.85	0.1	300	272	5	8	65	26	1.7	11	26.0
844831	24A08	437000	6240980	20	B	2	5.65	2.4	6	1	810	800	8.2	17	1.70	0.1	140	123	5	7	42	23	0.9	5	9.4
844834	24A08	437000	6241530	20	BC	7	5.69	2.4	5	1	1000	894	15.3	3	1.97	0.1	250	211	6	8	52	24	1.2	8	17.0
844836	24A08	437000	6242110	20	BC	6	5.71	2.1	5	1	1000	907	9.3	2	2.03	0.1	190	163	7	8	41	25	1.2	8	11.7
844838	24A08	436000	6241660	20	BC	5	5.59	2.5	5	2	1000	900	10.2	2	1.94	0.1	220	189	5	8	45	22	1.2	8	13.3
844839	24A08	435830	6240680	20	B	3	5.68	0.8	3	2	1000	942	6.2	7	2.03	0.1	130	115	5	8	46	26	1.0	2	9.5
844842	24A08	436000	6240000	20	BC	5	5.73	1.8	6	5	830	883	14.1	2	1.92	0.1	240	221	5	9	52	26	1.9	5	16.9
844843	24A08	436000	6239710	20	Mudboil	6	6.16	1.9	5	1	1100	997	5.3	2	2.10	0.1	230	208	7	10	45	27	1.8	11	14.1
844845	24A08	436510	6243680	20	BC	5	5.63	1.4	4	2	940	844	3.0	6	2.06	0.1	98	87	9	10	44	35	1.2	13	4.5
844847	24A08	437000	6244000	20	BC	5	5.79	1.8	4	1	970	883	3.4	3	2.08	0.1	120	112	9	10	50	33	1.6	9	5.7
844848	24A08	436910	6245050	20	C	5	5.74	1.5	3	1	970	883	3.7	3	2.05	0.1	110	104	7	9	40	28	1.3	9	5.6
844850	24A08	436330	6244900	20	BC	5	5.75	1.2	4	1	940	887	3.1	4	1.98	0.1	100	94	7	8	40	27	1.2	11	4.5
844853	24A08	434800	6244750	20	Mudboil	5	5.94	1.3	3	1	910	941	2.9	12	1.76	0.1	85	86	8	9	38	30	1.4	12	3.6
844854	24A08	434440	6245350	20	BC	5	5.83	1.5	4	3	980	873	2.3	5	1.91	0.1	120	105	9	10	46	30	1.5	15	4.2
844856	24A08	433500	6244750	20	BC	5	5.95	1.4	4	2	960	899	2.5	2	2.19	0.1	130	115	8	11	47	33	1.6	12	4.9
844858	24A08	432650	6244460	20	BC	5	5.52	11.0	12	1	810	777	2.2	6	1.92	0.1	98	93	6	8	40	32	1.0	4	4.5
844860	24A08	432540	6243800	20	BC	4	5.76	2.2	5	1	910	853	2.7	7	2.07	0.1	120	106	8	9	48	31	1.3	6	4.8
844862	24A08	432660	6243270	20	BC	5	5.63	23.0	24	2	640	735	4.4	12	2.11	0.1	200	208	9	13	28	42	1.6	21	9.0
844865	14D05	463800	6245900	20	Mudboil	4	5.75	0.8	3	1	840	872	2.9	2	2.14	0.1	110	105	6	9	34	26	0.7	12	5.6
844866	14D05	463920	6245890	20	Mudboil	5	5.52	0.8	3	4	830	822	3.2	3	2.41	0.1	160	142	7	12	43	30	0.7	9	8.0
844868	14D05	464680	6246030	20	BC	5	5.76	0.9	3	1	1000	893	3.0	3	2.22	0.1	110	95	7	9	41	25	0.7	6	5.6
844870	14D05	465450	6246150	20	BC	5	5.69	0.6	3	1	940	864	2.9	3	2.16	0.1	110	92	6	9	36	26	0.6	5	5.4
844871	14D05	466110	6245960	20	BC	4	5.55	0.7	3	1	800	849	2.7	5	2.05	0.1	80	76	5	8	29	24	0.7	4	4.9
844873	14D05	466400	6245840	20	BC	6	5.87	1.1	3	1	950	869	2.9	8	2.19	0.1	140	113	8	10	44	30	0.9	11	5.8
844874	14D05	467000	6246000	20	Mudboil	4	5.82	0.5	3	1	1000	891	2.9	4	2.05	0.1	130	105	6	8	37	27	0.8	4	5.6
844875	14D05	467920	6246200	20	Mudboil	4	5.83	0.7	3	1	1000	889	2.9	1	2.20	0.1	130	109	7	9	41	26	0.8	8	5.7
844877	14D05	468650	6246350	20	BC	5	5.77	0.6	3	1	950	849	2.8	4	2.23	0.1	100	89	5	9	39	25	0.7	5	5.6
844879	14D05	468930	6246130	20	BC	5	5.63	0.6	4	1	790	850	2.7	6	2.02	0.1	95	94	6	9	32	29	0.7	9	5.4
844882	14D05	438900	6242100	20	BC	5	5.46	2.1	4	1	960	854	11.8	4	1.84	0.1	210	159	5	7	49	76	1.1	7	12.0
844884	14D05	439000	6241450	20	BC	6	5.41	2.0	5	3	950	825	12.3	6	1.79	0.1	220	169	5	7	41	21	1.2	5	14.8
844886	14D05	439120	6240670	20	BC	6	5.56	1.3	4	2	1000	879	6.5	6	1.97	0.1	180	141	6	8	42	30	1.3	4	9.6
844888	14D05	439020	6239830	20	BC	7	5.77	1.1	4	1	990	905	3.8	3	2.07	0.1	100	106	6	8	33	23	0.7	4	6.5
844890	14D05	439000	6239000	20	BC	5	5.76	0.3	3	1	1000	909	2.6	3	1.97	0.1	100	82	5	8	33	214	0.9	4	5.0
844892	14D05	439010	6238460	20	BC	5	6.05	0.9	4	1	1000	939	3.0	4	2.26	0.1	130	115	6	9	42	27	1.0	6	7.3
844893	14D05	462730	6257970	20	BC	5	5.97	0.6	3	1	970	888	2.0	11	2.43	0.1	100	90	13	13	60	45	0.9	29	3.3
844895	14D05	459370	6250850	20	BC	6	5.16	2.1	5	1	830	782	8.9	3	1.81	0.1	160	142	5	7	43	23	0.9	7	11.1
844897	14D05	463850	6244570	20	BC	5	6.06	1.0	3	1	860	832	3.4	6	2.45	0.1	140	126	9	12	65	44	1.1	11	5.7
844899	14D05	462910	6240060	20	BC	6	5.75	0.7	3	1	940	823	2.6	5	2.16	0.1	100	83	7	10	39	29	0.7	6	5.3
844900	14D05	465700	6238270	20	C	4	5.86	1.1	4	1	990	863	2.6	1	2.37	0.1	130	106	9	11	57	38	1.0	14	6.3
844902	14D05	462530	6238530	20	BC	6	5.81	0.7	3	1	940	829	2.6	5	2.28	0.1	110	91	8	11	53	40	0.8	7	5.7
844911	14D05	450920	6240860	20	BC	6	5.70	0.8	4	1	920	833	3.0	5	2.08	0.1	110	96	6	8	46	23	0.8	5	6.3
844912	14D05	445150	6241300	20	BC	6	6.11	2.5	5	1	1100	941	2.6	11	2.17	0.1	140	113	7	9	50	33	1.2	5	5.5
844914	14D05	447420	6239210	20	BC	5	5.72	0.8	3	1	840	831	2.8	3	2.18	0.1	91	93	5	9	36	25	0.6	3	6.1
844915	14D05	449660	6235170	20	C	4	5.88	0.9	3	1	940	866	3.0	3	2.25	0.1	120	120	8	11	45	33	1.0	12	7.1
844917	14D05	438050	6237300	20	BC	7	5.64	1.0	3	1	920	868	2.9	3	2.17	0.1	120	111	6	9	44	24	0.8	6	6.9

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
835002		441340	6238900	20			5.83	1.0	3	10	910	883	2.8	5	2.11	0.1	110	100	6	8	31	24	0.8	7	6.5
835005		441340	6238760	20			5.84	0.7	3	16	850	906	2.6	2	2.02	0.1	72	73	4	8	23	24	0.7	4	5.0
835007		441320	6238930	20			6.19	0.7	3	6	1000	953	2.9	1	2.22	0.1	120	105	6	9	43	28	1.2	6	6.4
835009		433930	6235240	20			4.93	0.7	4	18	430	549	3.8	18	0.89	0.3	130	174	5	7	27	22	1.6	31	6.3
835012		432450	6235730	20			6.11	1.0	4	8	770	887	3.2	2	2.20	0.1	130	143	8	10	34	29	1.1	9	8.2
835021		435750	6237290	20			5.79	0.3	3	6	720	880	2.9	1	2.28	0.1	92	107	5	9	31	25	0.3	10	7.0
835033		430300	6241650	20			5.70	4.3	7	6	960	927	12.9	1	1.96	0.1	200	186	6	8	62	23	1.6	17	53.8
835037		432000	6245040	20			5.81	1.2	4	9	880	873	2.4	1	2.04	0.1	91	92	6	8	40	28	1.3	12	4.3
835041		431910	6246170	20			6.09	1.2	3	15	900	879	2.4	3	2.02	0.1	93	90	8	9	43	34	1.6	20	3.7
835044		432260	6246860	20			6.26	1.1	4	7	970	913	2.3	2	1.97	0.1	94	84	7	9	46	56	1.9	11	3.2
835046		432310	6246700	20			6.21	0.9	3	9	1000	994	2.2	2	2.32	0.1	98	94	10	11	47	34	1.2	19	3.7
835049		431940	6248030	20			5.80	0.6	3	9	880	1059	2.1	2	2.36	0.1	90	111	10	14	33	38	0.8	32	4.4
835051		432000	6249980	20			6.37	0.3	3	12	990	1069	2.1	3	2.49	0.1	95	103	14	16	65	55	1.1	35	4.4
835053		431970	6250970	20			6.41	0.8	3	10	930	882	2.3	3	2.28	0.1	100	92	9	10	50	39	1.7	21	3.7
835055		432070	6250950	20			6.30	0.8	3	36	900	849	2.3	5	2.23	0.1	100	93	9	10	54	38	1.6	19	3.7
835056		431950	6252070	20			6.12	0.8	3	20	880	846	2.2	2	2.35	0.1	92	88	8	10	43	38	1.3	20	3.8
835058		432030	6253040	20			6.17	0.5	3	17	780	855	2.2	3	2.46	0.1	83	80	9	10	53	43	0.8	14	3.9
835067		430240	6241530	20			5.77	1.9	4	7	940	926	3.8	1	2.00	0.1	120	110	5	8	31	25	1.2	8	5.7
835068		430960	6241705	20			5.76	2.3	5	7	990	947	11.7	1	1.95	0.1	190	168	6	8	40	24	1.3	9	14.5
835069		431000	6241000	20			5.97	4.6	9	9	970	941	17.8	1	2.12	0.1	328	299	6	9	81	31	1.8	16	38.9
835070		431000	6240500	20			5.78	1.7	7	20	980	931	9.8	1	2.08	0.4	240	210	6	9	49	24	1.7	9	18.3
835071		431000	6239950	20			5.65	2.0	5	9	890	879	13.5	2	1.93	0.1	230	207	5	7	41	25	1.2	10	16.3
835072		431000	6239500	20			5.66	1.5	3	8	910	923	3.2	2	1.96	0.1	120	107	6	9	45	33	1.5	10	5.6
835074		429950	6240130	20			5.59	3.6	7	7	870	875	19.2	1	1.87	0.2	326	289	5	7	54	20	1.5	9	24.7
835076		429000	6240080	20			6.03	2.0	5	1	1200	983	5.1	5	2.05	0.1	240	190	8	9	50	25	2.0	10	9.9
835077		429000	6240520	20			5.69	1.4	4	1	930	912	5.3	5	1.99	0.1	140	140	6	8	34	24	1.3	5	9.5
835078		429000	6241030	20			5.81	1.1	4	1	960	891	2.9	3	2.08	0.1	110	101	6	7	36	26	1.1	5	5.0
835081		432600	6241000	20			6.12	1.2	5	1	950	951	11.3	1	2.09	0.2	240	243	6	10	59	32	2.0	10	22.6
835084		432000	6241500	20			5.85	2.4	5	1	950	902	7.1	6	1.98	0.1	150	135	6	7	37	25	1.1	6	9.3
835085		432000	6240530	20			5.62	2.3	5	1	850	836	17.2	2	1.89	0.1	220	211	4	7	47	21	1.3	3	15.5
835086		432000	6240000	20			5.73	3.0	6	1	910	847	23.2	2	1.89	0.2	304	265	4	7	49	19	2.0	10	22.4
835087		432000	6239500	20			5.84	7.1	13	1	790	852	15.6	2	1.96	0.3	423	431	7	10	58	29	1.8	15	42.9
835089		437960	6236250	20			6.15	0.8	3	1	1000	912	3.0	2	2.41	0.1	140	124	7	10	43	31	0.9	8	7.2
835090		430050	6242000	20			5.77	0.7	3	1	850	917	7.6	2	1.93	0.1	120	121	5	8	40	25	0.9	4	11.9
835093		431650	6241930	20			5.70	1.5	4	2	930	872	5.5	3	1.97	0.1	110	117	5	7	41	23	0.8	5	7.6
835094		431990	6241980	20			5.70	1.9	5	1	910	882	8.3	2	2.02	0.1	130	133	5	7	40	24	0.9	5	11.0
835097		432070	6241850	20			5.87	1.9	5	1	1000	925	6.7	1	2.10	0.1	140	133	6	8	45	27	1.1	9	9.8
835098		431900	6241850	20			5.85	2.3	5	1	990	920	7.2	3	2.00	0.1	150	133	7	8	40	26	1.3	10	10.3
835103		432850	6241880	20			5.64	1.9	4	1	860	850	7.2	5	1.95	0.1	130	118	5	6	38	23	0.9	4	9.6
835105		432950	6241340	20			5.68	2.1	5	4	950	925	9.5	2	1.97	0.1	200	178	6	8	45	25	1.3	10	15.6
835107		432870	6241050	20			6.08	1.8	4	1	1100	986	5.3	2	2.40	0.1	140	120	10	10	50	33	1.5	7	7.4
835190		437990	6237250	20			5.95	1.0	3	7	880	873	3.1	3	2.21	0.1	110	98	6	9	37	28	0.8	6	6.5
835191		437980	6238200	20			5.90	0.9	5	6	910	874	2.8	3	2.21	0.1	110	93	5	8	40	27	0.7	6	6.4
835192		438020	6239180	20			5.89	1.1	4	7	960	892	3.1	4	2.16	0.1	140	121	5	8	34	26	0.7	9	7.0
835193		438000	6239570	20			6.03	1.5	4	6	1000	925	3.9	4	2.08	0.1	110	106	6	8	31	26	1.0	9	6.4
835194		438000	6241370	20			5.47	1.6	4	3	910	831	10.9	2	1.86	0.1	180	156	5	7	34	21	1.0	7	12.0

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
835195		437940	6241830	20			5.98	2.0	5	6	1000	945	9.6	4	2.05	0.2	200	177	7	9	52	53	1.5	16	13.1
835196		438100	6242830	20			5.74	2.1	4	6	810	801	5.0	6	2.01	0.1	140	121	7	9	52	34	1.3	9	7.5
835197		438040	6242960	20			6.02	6.2	9	23	870	973	4.4	10	2.05	0.1	70	116	9	11	31	45	1.8	26	5.8
835198		435840	6242230	20			5.77	2.3	5	4	950	903	11.4	1	1.97	0.1	200	179	7	9	53	31	1.6	14	15.5
835199		436050	6243000	20			6.43	18.0	20	10	550	654	3.8	23	1.95	0.2	100	100	10	12	61	51	2.3	18	4.9
835200		437920	6244030	20			5.58	1.9	4	6	910	821	5.1	8	2.01	0.1	140	113	8	8	41	30	1.2	10	7.6
835910		434400	6244900	20			5.81	1.5	4	12	910	857	2.5	3	1.98	0.1	110	105	6	9	38	32	1.6	13	4.6
835912		433900	6245300	20			5.34	1.0	3	5	700	768	2.1	2	1.90	0.1	73	81	5	7	31	26	0.8	7	3.7
835915		433950	6246350	20			5.63	1.1	3	6	1000	829	2.1	3	1.98	0.1	93	78	6	7	43	29	1.3	7	3.7
835919		433420	6246500	20			5.89	1.4	5	7	950	856	2.2	3	1.94	0.1	110	95	8	8	39	37	1.7	15	4.0
835921		434000	6247100	20			5.77	0.8	3	13	880	834	2.1	2	1.99	0.1	92	79	9	9	49	35	1.4	13	3.5
835924		434000	6248050	20			5.97	0.7	3	14	940	914	2.2	3	2.13	0.1	97	84	10	12	55	42	1.7	20	3.9
835925		429450	6248220	20			6.30	0.8	3	10	1000	910	2.3	2	2.32	0.1	110	86	9	10	55	42	1.5	17	3.7
835927		429650	6248350	20			6.30	0.9	3	21	950	894	2.3	3	2.20	0.1	110	88	10	11	49	42	1.6	21	3.7
835928		430110	6249050	20			6.42	0.6	3	20	880	882	2.3	3	2.11	0.1	92	84	12	13	60	52	1.8	30	3.6
835929		430550	6249200	20			6.31	0.9	3	13	1000	932	2.3	1	2.18	0.1	120	101	11	12	57	44	2.2	25	3.9
835931		430050	6251000	20			6.23	0.5	3	9	940	952	2.3	1	2.48	0.1	120	107	11	12	55	40	1.3	14	4.5
835933		429900	6251700	20			6.38	0.6	3	17	980	920	2.3	3	2.22	0.1	99	88	10	11	51	37	1.7	22	3.5
835934		429900	6252000	20			6.33	0.6	3	15	860	860	2.3	2	2.37	0.1	90	89	7	9	41	37	1.2	17	3.8
835935		432000	6254000	20			5.72	0.3	3	287	750	814	1.9	15	1.76	0.1	68	70	10	12	55	54	1.3	19	2.8
835936		431950	6255000	20			6.31	0.8	3	20	910	883	2.1	6	2.39	0.1	88	82	10	11	56	47	1.2	19	3.8
835937		431800	6255850	20			6.38	0.6	3	23	850	904	2.2	4	2.35	0.1	94	92	10	11	52	46	1.2	20	4.1
835938		430000	6253000	20			6.12	0.3	4	21	850	783	1.9	7	2.27	0.1	82	71	10	11	60	48	1.8	6	3.4
835939		430000	6254000	20			5.94	0.3	3	10	860	847	1.9	5	2.31	0.1	74	66	9	10	51	46	1.0	7	3.4
835940		430000	6254950	20			6.23	0.6	3	11	920	874	2.1	1	2.43	0.1	98	85	9	10	53	42	1.4	10	3.7
835941		428730	6255830	20			6.33	0.7	2	4	940	830	2.0	3	2.48	0.1	92	77	11	10	50	42	1.4	19	3.7
835943		428020	6253880	20			6.38	1.0	3	6	1000	870	2.1	4	2.51	0.1	100	84	14	13	69	56	1.2	22	4.1
835944		427260	6254420	20			6.36	0.7	3	4	1100	878	2.0	2	2.39	0.1	85	78	11	11	53	47	1.7	15	3.8
835945		427220	6254140	20			6.38	0.8	3	4	950	858	2.2	4	2.47	0.1	120	102	10	12	61	44	1.9	19	4.2
835946		428490	6255180	20			6.31	0.8	3	6	1000	851	1.9	6	2.42	0.1	93	80	13	12	61	51	1.4	22	4.0
835947		434000	6248800	20			6.01	0.6	3	4	640	804	2.1	4	2.22	0.1	80	104	9	12	42	43	0.9	22	4.4
835948		433900	6250030	20			6.42	0.8	3	3	980	856	2.2	3	2.14	0.1	94	80	10	10	50	39	2.1	20	3.2
835949		434180	6251270	20			6.42	1.1	4	15	960	843	2.2	7	2.29	0.1	160	132	13	14	68	55	2.8	21	5.1
835950		433940	6252930	20			6.30	0.7	3	5	990	831	2.1	3	2.35	0.1	98	86	9	10	49	39	1.5	15	3.7
835951		434000	6254000	20			6.15	0.7	3	5	1100	901	2.0	1	2.70	0.1	110	96	11	12	60	48	1.2	21	4.8
835952		436020	6243950	20			5.68	1.5	5	7	800	839	3.1	4	2.08	0.1	100	105	8	10	42	35	0.9	22	4.8
835953		436020	6244950	20			5.50	1.9	3	3	870	856	2.7	1	2.07	0.1	110	104	6	8	36	29	0.7	8	4.7
835954		435660	6246000	20			5.90	1.5	4	10	940	876	2.4	5	2.06	0.1	100	98	7	9	44	34	1.6	8	4.0
835955		436170	6247380	20			5.47	0.6	3	10	660	804	2.1	4	1.90	0.1	61	71	6	8	30	30	0.6	12	3.2
835956		436000	6248030	20			6.14	1.1	3	14	970	928	2.4	4	1.98	0.1	80	71	8	9	39	34	1.6	13	2.9
835957		436000	6249000	20			6.13	0.8	4	24	970	942	2.3	2	2.16	0.1	96	87	9	11	50	41	1.7	21	3.7
835958		435920	6250060	20			6.15	0.8	3	7	890	944	2.2	8	2.36	0.1	81	77	14	16	65	65	2.0	23	3.9
835960		435900	6252050	20			6.27	0.6	3	6	970	917	2.3	1	2.33	0.1	100	89	9	10	48	41	1.7	17	4.0
835961		435870	6253180	20			6.25	0.3	3	7	990	897	2.3	1	2.34	0.1	92	81	7	9	47	38	1.4	12	3.7
835962		438060	6244950	20			5.94	1.8	4	6	900	901	5.2	3	1.95	0.1	110	105	8	9	43	33	1.3	19	5.5
835963		437350	6246180	20			5.63	0.9	3	10	900	858	2.3	3	1.96	0.1	90	77	6	7	33	27	0.9	9	3.6

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 % ppm	As1 ppm	As2 ppb	Au1 ppm	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
835964		438020	6246930	20			5.53	1.0	3	5	870	832	2.2	3	1.98	0.1	89	76	5	7	35	25	0.9	9	3.3
835965		437870	6248000	20			5.67	0.9	2	4	960	855	2.1	1	2.06	0.1	72	64	5	7	38	27	0.8	8	3.0
835966		438020	6249260	20			5.96	1.0	5	4	960	847	2.2	4	2.27	0.2	110	100	9	11	59	41	1.3	17	4.2
835967		438040	6249870	20			6.24	0.7	3	15	1000	928	2.2	2	2.13	0.1	86	77	10	10	50	39	1.9	19	3.4
835968		438040	6251170	20			5.75	0.7	3	10	610	781	2.1	3	2.50	0.2	66	86	7	13	40	50	0.6	20	4.4
835969		437870	6252270	20			6.08	0.8	3	5	980	873	2.2	3	2.39	0.1	94	77	9	10	54	41	1.2	13	3.7
835970		437880	6252980	20			6.10	0.7	3	6	900	854	2.3	1	2.38	0.1	92	80	8	10	43	36	1.2	19	3.6
835973		432000	6239000	20			5.57	3.2	6	5	830	850	6.0	1	2.33	0.2	180	174	6	10	40	38	1.7	9	11.3
835975		430920	6235440	20			5.92	0.8	3	6	1100	908	2.7	1	2.45	0.1	160	126	8	10	49	38	1.1	11	6.9
835976		431730	6235090	20			6.00	1.0	4	6	780	857	3.2	3	2.30	0.1	120	133	7	10	36	33	1.0	10	7.7
835977		431950	6236120	20			5.94	0.9	4	9	870	900	3.1	2	2.20	0.1	140	141	6	9	28	27	0.9	7	8.5
835980		434000	6236940	20			6.37	1.7	7	4	1100	1044	4.1	1	1.94	0.1	220	204	10	12	54	36	2.7	23	10.2
835981		433746	6238030	20			5.91	1.3	3	5	940	916	2.6	6	2.02	0.1	100	92	6	8	38	31	1.2	7	5.3
835982		433980	6239030	20			5.90	1.2	4	3	1000	942	4.5	1	2.15	0.1	150	132	7	8	45	26	1.1	6	7.5
835983		433980	6240230	20			5.38	0.3	2	18	790	956	3.3	3	1.51	0.1	56	63	5	8	19	21	1.2	7	3.2
835984		433970	6241170	20			5.81	1.4	4	3	940	921	11.1	4	1.88	0.1	170	161	5	8	45	26	1.2	7	14.8
835985		433980	6241930	20			5.40	2.1	4	6	890	854	6.8	1	1.99	0.1	140	130	5	8	38	33	1.1	9	8.8
835986		434030	6243080	20			6.10	5.3	8	13	640	756	4.8	18	1.98	0.1	100	125	7	12	53	46	2.4	18	6.9
835988		436000	6235780	20			6.13	0.8	4	4	1000	946	3.1	1	2.42	0.1	140	131	7	11	44	36	1.1	10	7.9
835989		435990	6238200	20			6.01	0.7	3	6	1100	955	3.0	1	2.21	0.1	140	118	6	9	42	28	1.0	9	6.7
835990		435870	6238950	20			6.16	1.7	4	6	1100	985	3.4	3	1.96	0.1	150	129	8	9	44	32	1.5	21	6.6
835991		435520	6239960	20			5.70	2.5	6	6	930	878	16.4	1	1.92	0.2	300	253	7	8	67	27	1.4	14	24.2
835992		435680	6241000	20			5.94	1.7	4	8	940	968	9.5	1	2.14	0.1	170	158	7	9	40	33	1.1	14	13.7
836001		440030	6234970	20			6.24	0.9	6	4	960	903	3.2	3	2.30	0.2	140	134	8	10	49	34	1.2	11	7.6
836002		440060	6236980	20			6.15	0.9	4	5	1100	940	3.5	2	2.25	0.1	180	146	8	10	49	33	1.4	13	8.0
836003		440090	6239030	20			5.93	1.2	3	6	1000	902	3.0	3	2.28	0.1	130	108	6	8	41	35	0.9	8	6.7
836004		440040	6240950	20			5.94	1.4	4	5	1000	927	5.8	1	2.05	0.1	180	154	5	8	45	27	1.2	10	10.6
836006		439960	6244780	20			5.85	2.0	4	5	1100	904	5.8	2	2.01	0.1	140	119	8	8	45	32	1.4	11	7.8
836007		439820	6247040	20			5.32	1.2	2	4	860	790	2.1	3	1.94	0.1	75	71	5	7	32	26	0.7	7	3.2
836009		440100	6251050	20			6.19	0.5	3	25	760	793	2.2	15	2.41	0.2	91	90	12	13	54	57	1.6	29	3.8
836010		440040	6252960	20			6.01	0.7	3	10	950	858	2.1	4	2.44	0.1	88	74	10	10	46	42	1.3	16	3.5
836012		442040	6234980	20			5.82	0.8	3	4	850	792	2.6	3	2.38	0.1	110	100	6	9	43	32	0.7	9	6.2
836013		442210	6237110	20			5.73	1.0	3	4	920	815	2.7	2	2.27	0.1	110	96	7	9	39	28	0.8	9	6.1
836014		442040	6238970	20			6.13	1.2	4	7	1000	945	3.2	1	2.22	0.1	150	131	7	9	39	31	1.4	10	7.3
836015		442000	6241030	20			5.61	1.3	3	6	860	830	4.0	2	2.11	0.1	120	102	5	8	32	25	0.6	8	6.5
836016		442040	6242560	20			5.37	1.5	4	4	960	839	8.9	3	1.87	0.1	170	136	5	7	36	21	0.9	6	9.9
836018		441700	6245170	20			5.31	2.3	5	5	800	778	9.7	3	2.08	0.1	180	164	5	8	48	28	0.8	12	13.2
836019		442030	6246960	20			5.55	1.3	3	9	860	844	2.6	2	2.00	0.1	86	82	6	8	38	28	0.9	9	4.6
836020		442050	6248820	20			5.70	0.9	3	10	830	820	2.1	2	2.10	0.1	90	79	7	8	36	29	0.9	12	3.8
836021		441980	6250950	20			7.30		1			769	2.7		2.83	0.3	158		17			73		45	4.3
836022		442260	6251080	20			5.99	0.8	3	3	880	858	2.2	1	2.57	0.1	110	100	9	12	54	46	1.3	14	5.2
836023		441970	6252970	20			6.28	0.3	3	7	970	932	2.3	8	2.20	0.5	89	79	10	10	51	41	1.2	13	3.5
836024		441980	6253960	20			6.25	0.6	3	9	930	875	2.5	4	2.50	0.1	140	119	12	13	65	49	1.2	17	4.9
836025		444000	6235000	20			6.11	0.8	5	5	960	878	2.9	2	2.54	0.1	160	134	8	12	52	264	0.9	16	8.0
836026		444000	6237000	20			5.74	1.0	3	4	780	791	2.8	2	2.24	0.1	100	91	5	9	35	31	0.6	6	6.6
836027		444000	6238980	20			6.03	0.9	3	5	890	859	2.9	5	2.26	0.1	120	104	6	9	37	30	0.7	6	6.7

Sample	NTS	Eastings	Northing	Zone	Horizon	Depth	Al2 %	As1 ppm	As2 ppm	Au1 ppb	Ba1 ppm	Ba2 ppm	Be2 ppm	Br1 ppm	Ca2 %	Cd2 ppm	Ce1 ppm	Ce2 ppm	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm
836028		444000	6240960	20			6.03	1.3	5	5	910	938	2.9	2	2.24	0.1	120	111	6	9	35	32	0.9	8	6.6
836029		444000	6242940	20			5.60	1.3	4	7	850	866	6.8	1	1.97	0.1	150	139	4	7	32	27	0.8	14	9.6
836030		444000	6244960	20			5.82	3.9	8	11	620	745	12.9	10	2.23	0.1	190	243	14	15	43	42	1.3	28	17.2
836031		444190	6245050	20			5.60	4.3	8	5	770	818	10.5	3	2.33	0.1	250	248	9	13	64	40	1.5	22	15.9
836032		443970	6247120	20			5.47	2.4	5	6	690	816	4.7	3	1.97	0.1	100	110	6	8	35	29	0.7	13	6.7
836033		444030	6248960	20			5.64	0.9	3	6	830	827	2.2	6	1.98	0.1	89	88	7	8	34	27	1.0	13	3.9
836034		444020	6250930	20			6.06	0.7	4	3	990	950	2.2	3	2.40	0.1	110	103	11	11	54	39	1.1	15	4.7
836035		444020	6252950	20			6.09	0.5	3	5	790	811	2.1	6	2.56	0.1	100	100	10	12	74	52	1.1	9	4.9
836036		443970	6254480	20			6.05	0.8	3	5	890	874	2.2	8	2.33	0.1	95	88	10	11	56	45	1.3	15	4.3
836037		444000	6259000	20			6.38	0.3	3	9	610	761	2.2	17	2.63	0.1	97	123	14	15	64	66	1.1	25	4.6
836038		444000	6260940	20			6.43	0.5	3	9	910	1011	2.1	4	2.87	0.1	89	92	13	15	68	59	1.1	19	4.9
836039		446020	6234970	20			6.34	0.3	3	5	740	817	2.8	6	2.38	0.1	110	106	8	12	52	44	1.0	13	6.5
836040		446030	6237000	20			6.12	1.0	4	5	950	894	3.0	2	2.33	0.1	130	122	7	10	44	31	0.9	15	7.5
836041		446070	6238970	20			5.97	0.6	3	6	780	850	3.0	5	2.15	0.1	100	123	5	9	33	27	0.9	11	6.8
836042		446050	6240940	20			6.02	1.0	5	12	910	922	2.8	3	2.30	0.1	110	104	7	9	50	31	0.8	11	6.7
836043		446100	6242960	20			6.25	1.4	5	7	1100	1013	3.7	1	2.15	0.1	160	140	8	10	49	32	1.5	12	8.0
836046		445850	6246540	20			5.90	2.1	5	4	950	957	5.3	1	2.11	0.1	160	149	7	9	53	34	1.5	10	8.6
836047		446030	6248960	20			6.26	1.2	4	1	570	790	5.0	8	2.18	0.1	61	95	10	12	38	51	1.5	8	5.8
836049		446020	6250950	20			5.94	0.6	3	4	980	959	2.2	1	2.39	0.1	99	91	9	11	41	41	0.9	17	4.3
836050		445940	6252740	20			6.02	0.6	3	5	1000	928	2.2	3	2.38	0.1	100	89	9	11	58	50	1.1	16	4.3
836051		446070	6254750	20			6.10	0.7	3	4	1000	942	2.3	3	2.33	0.1	120	105	10	12	64	42	1.7	14	4.5
836052		446030	6256950	20			6.30	0.3	4	7	1000	949	2.3	1	2.57	0.1	130	115	10	13	68	177	1.7	16	5.3
836053		446020	6259000	20			6.37	0.5	3	8	720	891	2.4	12	2.62	0.1	130	164	16	19	73	66	1.6	36	5.3
836054		446020	6260970	20			6.36	0.3	3	7	1000	1033	2.2	2	2.86	0.1	83	88	12	14	71	111	2.1	21	4.8
836055		447850	6235020	20			5.95	0.8	3	7	760	885	3.1	5	2.41	0.1	110	121	6	12	34	33	0.7	11	7.9
836056		449860	6237420	20			5.93	0.7	3	5	840	843	3.0	5	2.28	0.1	130	122	7	11	43	40	0.7	10	7.2
836057		449860	6239950	20			5.83	0.7	3	5	890	858	2.9	3	2.21	0.1	100	93	6	9	36	26	0.8	8	6.4
836058		450000	6245750	20			5.54	1.7	6	5	800	814	10.2	4	1.77	0.1	180	157	4	7	35	22	0.9	13	12.6
836059		450050	6249960	20			5.55	1.3	4	9	950	828	2.7	4	1.96	0.1	110	84	7	8	46	33	1.4	12	4.3
836060		450030	6253950	20			5.97	0.7	3	5	1000	856	2.1	4	2.40	0.1	110	91	10	11	60	39	1.1	15	4.3
836061		450050	6257850	20			6.21	0.6	3	6	920	833	2.1	6	2.58	0.1	87	78	19	16	59	51	1.4	32	4.6
836062		450060	6260870	20			6.40	0.6	3	5	1000	905	2.0	4	2.74	0.1	100	89	16	15	74	55	1.5	27	4.6

Sample	NTS	Easting	Northing	Eul	Fe1	Fe2	Hf1	K2	La1	La2	Li2	Lu1	Mg2	Mn2	Mo1	Mo2	Na1	Na2	Nb2	Ni2	P2	Pb2	Rb1	Rb2	Sb1	Scl	
				ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
843223	14D05	450570	6237920	1.8	2.2	2.45	31	2.14	41	49	6.7	0.48	0.53	520	0.25	1	1.80	2.17	17	11	1087	32	65	68	0.1	10.0	
843224	14D05	449070	6238023	1.9	2.2	2.28	29	2.19	48	47	7.0	0.65	0.51	479	0.25	1	2.30	2.17	15	10	1074	29	78	70	0.1	11.3	
843225	14D05	446750	6238370	1.4	2.2	2.28	30	2.21	45	48	7.1	0.83	0.50	486	0.25	1	2.10	2.11	16	10	1024	30	71	73	0.1	10.8	
843232	14D05	441500	6241750	1.5	2.2	2.21	27	2.35	65	65	18.4	1.40	0.45	456	0.25	1	2.10	2.11	27	7	919	50	90	86	0.1	9.2	
843233	14D05	441970	6240840	2.0	2.2	2.08	24	2.15	55	50	6.9	0.85	0.46	412	0.25	1	2.30	2.06	14	9	1033	27	79	70	0.1	11.0	
844001	14D05	462550	6234560	2.0	2.8	2.62	18	1.91	47	43	6.9	0.64	0.75	499	0.25	1	2.60	2.30	13	15	1207	19	62	54	0.1	14.2	
844003	14D05	462740	6234610	2.0	2.7	2.59	19	1.97	48	44	6.5	0.64	0.70	503	0.25	1	2.60	2.30	13	13	1120	21	65	57	0.1	13.6	
844005	14D05	463030	6234570	2.2	2.8	2.73	32	1.90	51	49	5.3	0.72	0.67	587	0.25	1	2.40	2.25	15	12	1124	20	61	56	0.1	13.6	
844007	14D05	463250	6234700	2.0	2.5	2.48	19	1.93	42	41	5.7	0.71	0.66	498	0.25	1	2.40	2.32	13	13	1082	20	65	57	0.1	12.5	
844009	14D05	461690	6235030	1.9	2.7	2.61	21	2.03	49	48	6.0	0.79	0.69	530	0.25	1	2.50	2.32	14	14	1179	21	67	58	0.1	13.3	
844010	14D05	461600	6235000	1.4	2.4	2.40	16	2.04	38	40	5.5	0.28	0.65	467	0.25	1	2.30	2.27	13	11	1075	20	67	60	0.1	11.6	
844011	14D05	461870	6235330	1.9	2.6	2.72	18	2.12	50	50	8.1	0.59	0.70	513	0.25	1	2.30	2.24	14	15	1115	21	73	71	0.1	13.3	
844012	14D05	462050	6235330	2.1	2.8	2.71	19	2.13	58	54	7.2	0.88	0.69	503	0.25	2	2.60	2.32	14	20	1171	20	78	73	0.1	14.0	
844013	14D05	462430	6235440	2.4	2.8	2.74	22	2.08	57	54	6.5	0.71	0.70	535	0.25	1	2.50	2.24	15	13	1204	21	77	70	0.1	14.7	
844014	14D05	462940	6235510	1.8	2.6	2.61	19	2.05	48	47	7.5	0.75	0.69	490	0.25	1	2.40	2.23	14	16	1132	19	70	66	0.1	13.2	
844016	14D05	463470	6235640	2.0	2.4	2.66	16	2.13	52	53	7.7	0.72	0.72	498	0.25	1	2.30	2.25	14	15	1160	19	69	73	0.1	12.8	
844022	14D05	459960	6243740			3.87		1.55		61	15.0		0.73	603		1		1.64	21	15	1315	29					
844023	14D05	460190	6243770	1.8	2.0	1.98	24	2.15	48	46	6.0	0.63	0.44	402	0.25	1	2.40	2.11	14	9	921	24	78	75	0.1	10.6	
844024	14D05	460900	6244040	1.8	2.0	2.01	20	2.13	49	46	5.8	0.73	0.45	390	0.25	1	2.40	2.14	14	8	960	22	81	73	0.1	10.8	
844027	14D05	461490	6244320	2.4	3.2	2.74	30	2.16	62	52	12.4	1.00	0.67	501	0.25	1	2.50	1.95	22	14	998	27	96	81	0.1	14.0	
844029	14D05	461670	6245100	2.2	2.7	2.35	27	2.25	57	51	8.8	0.67	0.55	456	0.25	1	2.60	2.14	15	12	1149	25	96	76	0.1	12.9	
844031	14D05	461540	6245620	1.4	1.8	1.96	27	2.07	33	39	6.2	0.30	0.41	407	0.25	1	1.80	2.03	15	7	868	24	70	68	0.1	7.5	
844032	14D05	461620	6246730	1.7	2.2	2.17	21	2.23	52	51	7.5	0.63	0.50	421	0.25	1	2.40	2.18	16	9	1047	23	83	78	0.1	11.3	
844034	14D05	460990	6246470	1.6	2.1	2.06	31	2.11	46	44	8.1	0.79	0.42	410	0.25	1	2.20	2.04	17	10	881	27	85	74	0.1	10.0	
844036	14D05	460300	6246220	1.9	1.9	1.87	20	2.25	46	43	10.0	0.83	0.41	342	0.25	1	2.20	2.00	18	9	709	28	92	84	0.1	9.4	
844038	14D05	459740	6245940	1.8	2.1	1.99	31	2.14	46	43	7.5	0.86	0.42	407	0.25	1	2.30	2.05	16	7	846	26	84	76	0.1	10.0	
844039	14D05	459470	6245920	1.5	2.3	2.38	26	2.19	56	55	10.4	0.88	0.53	452	0.25	1	2.10	2.00	20	12	862	27	79	81	0.1	10.4	
844040	14D05	467580	6257970	1.8	3.1	2.97	21	2.13	66	60	10.6	0.80	0.78	548	0.25	1	2.20	1.98	21	17	1111	26	85	82	0.1	13.4	
844042	14D05	467590	6255730	1.7	3.5	3.23	24	2.01	62	55	13.1	0.91	0.88	558	0.25	1	2.30	2.00	21	26	872	25	90	79	0.1	12.5	
844043	14D05	468070	6253380	1.8	2.4	2.26	33	2.09	67	60	11.4	1.40	0.50	441	0.25	1	2.10	1.93	34	10	829	55	100	88	0.1	10.0	
844044	14D05	468590	6251750	2.3	2.5	2.35	32	2.26	89	79	16.4	1.40	0.51	446	0.25	1	2.20	1.98	39	11	846	42	110	100	0.1	10.4	
844048	14D05	468970	6248570	1.6	2.3	2.20	24	2.29	50	51	10.6	0.80	0.50	422	0.25	1	2.20	2.09	21	10	929	29	90	83	0.1	9.3	
844050	14D05	468920	6241940	2.1	2.9	2.64	23	2.24	50	51	9.5	0.63	0.68	510	0.25	1	2.40	2.17	16	14	1065	21	78	77	0.1	12.7	
844052	14D05	468900	6236240	2.2	3.2	2.94	31	2.02	54	51	7.0	1.00	0.71	579	0.25	1	2.50	2.23	17	13	1186	21	67	66	0.1	15.1	
844054	14D05	465500	6239540	2.0	2.8	2.62	22	2.19	54	51	9.5	0.77	0.64	490	0.25	1	2.40	2.15	15	14	961	23	81	78	0.1	13.1	
844056	14D05	467130	6242880	2.0	2.4	2.23	26	2.16	47	43	7.5	0.80	0.52	442	0.25	1	2.50	2.19	14	11	931	22	84	71	0.1	11.9	
844058	14D05	465330	6247120	1.9	2.4	2.13	29	2.20	50	45	8.1	0.88	0.46	418	0.25	1	2.40	2.04	16	10	882	25	87	77	0.1	10.9	
844060	14D05	465680	6248740	2.0	2.5	2.32	23	2.30	61	54	11.2	0.91	0.56	438	0.25	1	2.50	2.13	17	13	1080	28	92	83	0.1	11.9	
844062	14D05	466390	6251380	1.8	2.4	2.11	38	2.15	76	65	15.2	1.70	0.42	418	0.25	1	2.30	1.95	39	9	780	43	110	101	0.1	10.0	
844063	14D05	465640	6255050	1.3	2.7	2.50	22	1.82	49	43	7.9	0.83	0.63	432	0.25	1	2.10	1.86	17	14	802	24	74	69	0.1	10.2	
844065	14D05	465930	6257030	1.9	3.2	2.78	25	2.17	75	64	10.9	1.00	0.68	512	0.25	1	2.40	1.90	24	15	985	28	95	84	0.1	13.5	
844067	14D05	465650	6261000	2.1	4.4	3.66	16	2.01	54	49	13.0	0.50	1.12	644	0.25	1	2.50	2.05	12	24	1309	17	80	75	0.1	17.4	
844071	14D05	463690	6254160	1.2	2.7	2.76	21	1.88	46	47	9.5	0.57	0.72	478	0.25	1	1.90	1.92	20	21	861	25	76	70	0.1	9.3	
844073	14D05	464130	6247210	1.6	2.1	2.08	26	2.10	45	44	7.4	0.57	0.47	422	0.25	1	2.30	2.10	16	11	963	24	82	76	0.1	10.1	
844075	14D05	463470	6240830	2.0	3.5	3.42	22	2.03	48	45	10.9	0.65	0.82	552	0.25	1	2.30	2.14	15	21	1086	20	75	69	0.1	13.0	
844080	14D05	461070	6251100	1.6	2.0	2.10	34	2.17	70	71	15.1	2.20	0.43	423	0.25	1	1.80	1.89	47	9	719	46	100	104	0.1	7.5	

Appendix A

Sample	NTS	Easting	Northing	Eul	Fe1	Fe2	Hf1	K2	La1	La2	Li2	Lu1	Mg2	Mn2	Mo1	Mo2	Na1	Na2	Nb2	Ni2	P2	Pb2	Rb1	Rb2	Sb1	Sc1
				ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
844082	14D05	461690	6252390	1.4	3.0	3.09	27	2.17	70	67	14.2	1.10	0.81	560	0.25	1	1.90	1.86	28	15	1108	33	90	92	0.1	12.4
844084	14D05	461820	6255930	1.6	2.7	2.69	18	1.90	39	37	6.3	0.58	0.68	496	0.25	1	2.00	1.87	11	13	920	21	66	61	0.1	11.1
844086	14D05	461730	6258930	1.7	3.6	3.37	16	2.18	54	49	14.0	0.60	1.04	560	0.25	1	2.40	2.10	11	21	1217	20	79	69	0.1	13.4
844088	14D05	459730	6260790	1.4	3.7	3.41	17	2.01	44	40	11.6	0.27	1.11	609	0.25	1	2.50	2.21	10	23	1213	17	73	68	0.1	14.8
844089	14D05	460300	6255380	1.8	3.5	3.31	17	2.15	63	57	14.2	0.70	0.92	558	0.25	1	2.20	1.98	17	20	983	23	92	81	0.1	13.3
844091	14D05	459520	6237510	2.1	3.1	2.84	24	2.24	52	51	9.1	0.74	0.72	555	0.25	1	2.50	2.23	16	17	1261	22	82	76	0.1	14.8
844093	14D05	458190	6235420	2.2	3.1	3.03	19	2.21	54	56	9.8	0.70	0.77	548	0.25	1	2.40	2.22	16	16	1070	22	77	79	0.1	14.3
844095	14D05	457760	6240230	1.4	2.0	2.16	27	2.10	36	43	6.7	0.38	0.46	460	0.25	1	1.80	2.09	15	8	954	23	67	70	0.1	8.7
844097	14D05	457300	6244070	1.9	2.0	2.02	29	2.14	41	40	6.3	0.73	0.43	415	0.25	1	2.20	2.09	15	7	912	24	81	73	0.1	10.0
844099	14D05	457230	6247220	1.8	2.2	2.11	34	2.17	68	60	14.1	1.20	0.40	421	0.25	1	2.20	1.98	30	8	780	35	100	98	0.1	9.3
844101	14D05	458820	6247170	1.9	2.2	2.25	27	2.21	67	60	13.1	1.10	0.43	409	0.25	1	2.20	1.98	23	9	822	32	95	95	0.1	10.0
844104	14D05	459220	6247290	1.6	1.7	1.77	25	2.13	47	47	11.4	1.10	0.35	354	0.25	1	1.90	1.93	24	6	663	33	88	92	0.1	7.1
844106	14D05	459840	6247480	1.4	1.6	1.78	22	2.19	45	48	12.0	0.80	0.37	349	0.25	1	1.90	1.92	25	7	642	31	86	93	0.1	7.2
844108	14D05	459360	6247770	1.6	2.3	2.19	33	2.13	59	55	12.9	1.10	0.42	427	0.25	1	2.10	1.92	26	8	717	33	96	93	0.1	9.0
844110	14D05	459100	6247670	1.7	2.1	1.92	30	2.16	56	51	11.9	1.00	0.38	392	0.25	1	2.20	1.98	23	7	746	34	98	89	0.1	8.7
844112	14D05	459180	6248050	2.0	2.2	2.20	31	2.16	66	59	13.7	1.20	0.43	421	0.25	1	2.20	1.98	30	8	828	36	100	99	0.1	10.0
844114	14D05	459540	6248160	1.5	1.9	1.79	30	2.15	60	57	13.3	1.10	0.36	357	0.25	1	2.20	1.90	31	7	647	35	110	100	0.1	7.9
844116	14D05	459710	6248350	1.3	1.9	2.02	32	2.13	53	57	13.9	0.74	0.38	403	0.25	1	1.80	1.91	32	9	714	37	99	98	0.1	7.0
844118	14D05	459460	6248320	1.8	2.0	2.16	33	2.12	64	63	14.7	1.30	0.42	419	0.25	1	1.90	1.91	35	8	736	40	100	102	0.1	8.3
844120	14D05	459660	6248620	1.7	1.9	2.01	35	2.29	74	72	18.5	1.50	0.40	403	0.25	1	2.10	1.98	45	8	756	44	120	106	0.1	7.9
844122	14D05	459290	6248690	2.0	2.4	2.39	36	2.41	107	104	23.5	1.80	0.50	475	0.25	1	2.20	2.05	55	10	907	47	120	115	0.1	10.0
844124	14D05	457830	6249330	1.8	2.2	2.21	36	2.23	92	89	18.5	1.90	0.45	438	0.25	1	2.00	1.86	50	9	745	46	120	116	0.1	8.8
844126	14D05	457940	6249550	1.9	2.2	2.11	38	2.18	86	79	16.7	1.70	0.42	419	0.25	1	2.10	1.87	48	8	721	47	120	107	0.1	8.7
844128	14D05	458050	6250090	1.9	2.1	2.01	36	2.11	74	68	12.9	1.70	0.40	402	0.25	1	2.00	1.82	41	8	670	47	110	101	0.2	8.3
844130	14D05	457540	6250050	1.5	2.2	2.08	36	2.11	78	72	13.3	1.70	0.42	408	0.25	1	2.00	1.80	45	11	710	45	110	99	0.2	8.7
844132	14D05	457290	6250210	1.9	2.1	2.02	36	2.06	73	70	12.0	1.60	0.40	401	0.25	1	1.90	1.81	43	7	672	44	110	98	0.2	8.0
844134	14D05	457050	6250170	1.5	2.2	2.01	36	2.12	75	67	12.7	1.50	0.41	397	0.25	1	2.10	1.82	40	8	676	43	120	96	0.1	8.7
844136	14D05	457000	6250430	2.0	2.5	2.08	33	2.08	77	71	12.6	1.30	0.44	408	0.25	1	2.30	1.78	38	10	667	41	110	94	0.2	9.1
844138	14D05	457640	6252810	1.7	3.6	3.26	20	2.13	62	56	16.5	0.88	0.90	551	0.25	1	2.30	1.90	24	22	999	26	94	87	0.1	13.5
844140	14D05	457020	6252980	1.4	3.5	3.37	16	1.98	57	53	17.5	0.89	1.04	551	0.25	1	2.40	2.11	21	27	1024	23	82	79	0.1	13.2
844141	14D05	457010	6253920	1.5	3.6	3.23	14	1.81	37	32	11.9	0.62	0.92	526	0.25	1	2.30	1.86	11	23	874	17	68	63	0.1	14.4
844143	14D05	456280	6254720	1.6	3.3	3.28	14	1.97	40	40	12.4	0.61	0.97	564	0.25	1	2.10	1.90	12	20	1107	20	68	68	0.1	14.3
844145	14D05	455820	6255270	1.7	3.3	2.98	17	1.91	44	39	8.4	0.61	0.81	564	0.25	1	2.40	1.91	10	15	1100	19	75	64	0.1	14.4
844146	14D05	455460	6255810	1.5	2.9	2.83	14	2.09	44	41	8.4	0.62	0.77	530	0.25	1	2.20	1.94	11	15	1081	22	79	73	0.1	13.7
844147	14D05	455950	6238080	1.9	2.8	2.79	34	2.24	58	55	8.9	0.84	0.59	541	0.25	1	2.30	2.15	19	12	1155	26	84	83	0.1	13.3
844149	14D05	456180	6241730	2.2	2.4	2.18	29	2.10	45	42	6.4	1.00	0.48	449	0.25	1	2.50	2.12	16	10	1038	23	79	72	0.1	12.5
844151	14D05	459320	6246480	2.2	2.8	2.66	23	2.30	61	63	10.5	0.90	0.59	492	0.25	1	2.40	2.17	20	11	1203	25	84	87	0.1	12.3
844153	14D05	453580	6259000	1.6	3.5	3.58	15	1.95	44	45	10.6	0.35	1.07	656	0.25	1	2.00	1.99	12	24	1204	19	72	69	0.1	13.9
844155	14D05	453690	6255230	1.5	3.0	2.92	14	2.05	42	40	7.9	0.48	0.79	556	0.25	1	2.10	1.96	11	14	1049	22	77	74	0.1	13.1
844159	14D05	453700	6239970	1.9	2.7	2.58	43	2.02	57	52	6.1	0.92	0.49	532	0.25	1	2.40	2.14	19	10	1126	25	76	68	0.1	13.2
844160	14D05	454030	6235520	2.1	2.8	2.68	22	2.06	51	46	7.6	0.73	0.64	499	0.25	1	2.50	2.23	16	12	1200	22	75	64	0.1	14.0
844161	14D05	452080	6237130	2.2	3.1	3.03	35	2.20	61	57	10.6	1.00	0.63	579	0.25	1	2.30	2.10	20	12	1175	27	82	82	0.1	14.3
844163	14D05	450000	6242230	1.7	2.3	2.25	30	2.20	48	47	7.0	0.89	0.46	448	0.25	1	2.30	2.13	16	8	949	25	81	76	0.1	11.0
844164	14D05	449430	6251240	1.5	2.5	2.52	16	2.09	40	38	5.7	0.51	0.61	478	0.25	1	2.10	1.91	11	10	1030	24	76	71	0.1	11.2
844166	14D05	447830	6235190	1.9	2.7	2.81	22	2.30	54	54	11.4	0.67	0.63	524	0.25	1	2.30	2.22	17	12	1205	25	81	84	0.1	12.9
844168	14D05	448070	6240510	1.8	2.3	2.25	26	2.18	49	47	7.7	0.79	0.49	427	0.25	1	2.40	2.12	15	10	1028	24	88	75	0.1	11.7

Sample	NTS	Eastng	Northing	Eul ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Scl ppm
844169	14D05	443620	6240040	2.2	2.7	2.45	20	2.32	57	54	11.2	0.85	0.66	456	0.25	1	2.50	2.22	15	13	1342	22	84	79	0.1	13.7
844172	14D05	445580	6249350	1.1	2.6	2.39	17	2.03	36	35	5.9	0.45	0.53	451	0.25	1	2.00	1.83	10	9	920	24	77	69	0.1	10.0
844174	14D05	447940	6255070	1.4	3.2	3.24	16	2.28	45	47	16.9	0.29	0.87	605	0.25	1	1.90	1.88	14	15	1087	29	98	97	0.1	13.1
844176	14D05	450160	6257150	1.7	3.2	3.23	16	2.11	43	41	11.5	0.58	0.89	573	0.25	1	2.00	1.85	12	23	1045	33	80	79	0.1	14.1
844177	14D05	450080	6261000	1.7	3.6	3.73	19	1.88	49	46	12.1	0.62	1.08	689	0.25	1	2.00	1.91	13	20	1456	18	63	64	0.1	16.3
844180	14D05	443560	6249390	1.5	2.3	2.24	15	2.09	41	38	6.2	0.48	0.52	405	0.25	2	2.00	1.87	9	14	910	24	79	73	0.1	10.1
844182	14D05	441480	6251060	1.5	3.0	2.83	19	1.94	47	42	6.5	0.70	0.69	541	0.25	1	2.10	1.83	11	12	1139	24	70	68	0.1	13.8
844184	14D05	440000	6249960	1.6	2.8	2.71	15	2.23	47	43	7.8	0.67	0.66	494	0.25	1	2.10	1.89	11	13	1052	24	89	82	0.1	12.6
844186	14D05	439620	6245890	1.5	2.3	2.27	20	2.22	50	47	8.1	0.74	0.49	422	0.25	1	2.00	1.81	15	9	818	30	92	81	0.1	10.0
844188	14D05	440070	6242330	1.9	2.1	2.07	36	2.37	85	76	19.4	1.80	0.40	400	0.25	1	2.30	2.08	44	7	811	46	120	106	0.1	9.0
844190	14D05	440030	6238240	2.0	2.7	2.51	25	2.23	56	52	8.6	0.77	0.54	464	0.25	1	2.40	2.13	16	11	1235	25	85	75	0.1	13.0
844191	24A08	432970	6235000	1.8	3.3	3.03	19	2.50	77	78	14.5	0.68	0.66	527	0.25	1	2.30	2.17	16	13	1269	28	100	99	0.1	13.1
844193	24A08	432800	6236440	1.8	3.0	3.05	21	2.46	56	61	16.0	0.54	0.65	513	0.25	1	2.20	2.19	17	12	1354	25	97	90	0.1	12.4
844195	24A08	433000	6236980	2.1	2.9	2.78	22	2.43	65	62	12.4	0.84	0.58	475	0.25	1	2.40	2.20	16	11	1308	26	92	85	0.1	13.3
844196	24A08	433050	6237700	1.6	2.1	2.10	21	2.17	48	48	6.7	0.78	0.41	365	0.25	1	2.00	1.92	13	7	1026	24	74	69	0.1	10.0
844198	24A08	433260	6238270	1.9	2.7	2.53	24	2.29	63	57	9.8	1.10	0.48	466	0.25	1	2.40	2.06	15	9	1214	27	90	78	0.1	12.4
844200	24A08	433570	6238750	2.1	2.7	2.45	22	2.44	68	63	10.3	0.87	0.49	456	0.25	1	2.40	2.07	15	9	1101	28	99	89	0.1	12.1
844202	24A08	433060	6238980	1.9	2.7	2.59	26	2.43	89	79	33.9	1.60	0.48	457	0.25	1	2.30	2.02	31	9	936	58	120	106	0.1	11.2
844204	24A08	433000	6239680	2.1	2.8	2.90	56	2.47	135	127	58.1	3.40	0.48	525	1.60	1	2.40	2.27	73	9	984	127	130	130	0.1	10.3
844206	24A08	433000	6240070	2.4	2.9	2.64	55	2.38	94	82	30.1	2.50	0.52	492	0.25	1	2.60	2.18	57	10	1160	77	120	106	0.1	11.5
844207	24A08	433000	6240720	2.4	2.8	2.51	57	2.39	166	141	47.5	3.50	0.37	419	0.25	1	2.30	1.93	64	7	877	107	130	115	0.1	10.0
844210	24A08	433000	6242540	2.0	2.7	2.41	37	2.39	112	100	16.8	2.90	0.53	439	0.25	1	2.20	1.85	53	10	891	103	120	110	0.2	10.8
844212	24A08	432500	6242500	1.7	2.5	2.23	23	2.26	61	57	10.6	0.78	0.47	412	0.25	1	2.10	1.83	21	9	852	36	100	90	0.2	10.0
844214	24A08	432510	6242080	1.6	2.2	1.99	28	2.14	66	62	13.4	1.30	0.38	376	0.25	1	2.10	1.78	31	7	802	52	94	85	0.2	8.3
844217	24A08	432540	6241600	1.8	2.2	2.09	22	2.30	63	59	12.0	1.20	0.48	394	0.25	1	2.10	1.83	27	9	864	41	97	90	0.2	10.4
844219	24A08	432540	6240430	2.1	2.4	2.45	44	2.34	119	110	41.9	2.80	0.41	438	0.25	1	2.20	2.01	54	8	865	108	120	109	0.1	10.0
844221	24A08	432550	6239990	2.1	2.7	2.52	46	2.41	92	82	24.9	2.70	0.44	445	0.25	1	2.40	2.05	46	8	910	97	110	101	0.1	10.9
844223	24A08	432590	6239700	2.0	2.9	2.86	50	2.39	86	79	36.4	2.50	0.71	517	0.25	1	2.60	2.33	69	16	1227	83	110	105	0.1	10.9
844225	24A08	432710	6239370	2.7	2.8	2.68	56	2.68	130	118	51.8	3.50	0.44	498	0.25	1	2.50	2.20	60	10	954	119	130	118	0.1	10.1
844227	24A08	431620	6239680	1.8	2.4	2.35	34	2.42	71	66	18.0	2.00	0.42	445	0.25	1	2.30	1.97	27	8	982	53	98	90	0.1	10.5
844229	24A08	431540	6240060	2.0	2.5	2.47	45	2.41	107	101	33.6	3.00	0.42	464	0.25	1	2.30	2.06	48	9	942	85	120	106	0.1	10.2
844231	24A08	431530	6240490	1.8	2.6	2.45	35	2.37	78	75	21.6	2.00	0.40	443	0.25	1	2.20	1.89	34	7	867	78	110	95	0.1	10.3
844232	24A08	431540	6241180	2.0	2.7	2.46	29	2.41	87	92	22.4	1.90	0.57	457	0.25	1	2.10	1.87	37	11	1018	86	100	99	0.2	10.7
844234	24A08	431530	6241570	1.4	2.0	2.21	16	2.29	45	49	9.2	0.39	0.49	413	0.25	1	1.70	1.76	15	11	888	31	88	82	0.1	8.7
844237	24A08	431380	6242460	1.8	2.1	2.16	21	2.31	68	74	11.2	1.00	0.47	409	0.25	1	1.80	1.83	25	11	876	46	87	85	0.2	8.7
844239	24A08	431450	6242690	2.0	2.1	2.09	15	2.35	48	49	9.3	0.76	0.47	403	0.25	1	1.90	1.83	14	9	863	31	87	84	0.1	9.0
844241	24A08	430810	6242140	1.0	2.1	2.21	18	2.28	60	63	9.3	0.88	0.47	406	0.25	1	1.90	1.84	16	10	893	34	84	84	0.2	9.2
844242	24A08	430620	6241000	2.7	2.0	2.11	44	2.28	142	145	37.5	3.50	0.54	440	0.25	1	1.90	1.83	59	10	990	131	110	110	0.3	10.1
844243	24A08	430000	6240960	2.2	2.2	2.30	31	2.34	97	102	31.9	1.90	0.54	473	0.25	1	2.00	1.94	58	10	981	73	100	100	0.2	10.0
844244	24A08	429520	6241000	2.0	1.7	1.74	26	2.35	74	76	32.6	1.60	0.46	421	0.25	1	1.90	1.84	46	9	673	71	100	95	0.2	8.8
844246	24A08	429560	6240500	2.2	2.5	2.59	35	2.45	89	87	24.1	2.00	0.48	476	0.25	1	2.10	1.94	40	9	995	73	110	104	0.1	10.3
844248	24A08	430000	6240550	1.6	2.6	2.64	37	2.66	103	104	30.3	2.60	0.51	476	0.25	1	2.10	2.12	47	9	948	104	120	105	0.1	10.2
844250	24A08	430720	6240560	2.2	2.7	2.47	36	2.70	92	85	25.6	2.10	0.45	464	0.25	1	2.30	2.10	44	8	963	90	120	101	0.1	11.2
844252	24A08	430530	6240090	2.1	2.6	2.54	34	2.62	104	113	29.8	2.00	0.48	468	0.25	1	2.10	2.14	38	8	945	85	110	102	0.1	9.3
844257	24A08	430340	6241720	1.7	2.2	2.23	18	2.49	61	65	9.7	0.71	0.47	423	0.25	1	1.90	1.89	14	9	894	34	90	88	0.1	9.3
844262	24A08	430340	6241720	1.7	2.2	2.10	20	2.38	56	56	10.0	0.84	0.44	412	0.25	1	2.00	1.90	14	8	899	35	86	77	0.1	8.9

Sample	NTS	Easting	Northing	Eu1 ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sr1 ppm
844266	24A08	430340	6241720	1.5	2.3	2.19	21	2.37	63	60	10.9	1.30	0.45	417	0.25	1	2.10	1.91	16	8	929	37	94	82	0.2	10.0
844272	24A08	430340	6241720	1.6	2.3	2.11	19	2.40	61	57	8.6	0.81	0.45	402	0.25	2	2.10	1.88	13	12	882	32	93	79	0.1	10.0
844275	24A08	432550	6242610	1.7	2.3	2.08	23	2.39	62	62	13.0	1.00	0.46	405	0.25	1	2.10	1.96	28	9	852	47	97	85	0.2	9.4
844287	24A08	434730	6243480	1.6	2.8	2.75	21	2.42	61	61	13.1	0.95	0.62	495	0.25	1	2.10	1.82	16	11	1025	34	93	90	0.1	11.3
844288	24A08	435170	6243780	1.6	2.8	2.63	22	2.27	56	51	9.3	1.10	0.60	472	0.25	1	2.00	1.85	16	14	891	32	89	82	0.1	11.5
844289	24A08	435920	6243720	1.0	2.7	3.10	19	2.32	54	57	13.7	0.92	0.68	522	0.25	1	1.70	1.79	17	16	967	37	80	91	0.2	10.5
844290	24A08	435930	6243030	1.3	2.6	2.50	28	2.23	62	60	11.3	1.10	0.52	461	0.25	1	1.90	1.82	24	10	902	38	86	84	0.1	10.1
844292	14D05	457540	6243040	1.8	2.3	2.12	25	2.24	50	45	7.1	0.93	0.48	415	0.25	1	2.50	2.19	14	10	954	25	90	76	0.1	12.0
844294	14D05	457310	6244290	1.8	1.9	1.95	25	2.18	37	40	5.7	0.81	0.42	390	0.25	1	2.10	2.14	14	7	887	23	71	74	0.1	9.4
844296	14D05	457280	6245050	1.7	2.3	2.07	25	2.22	39	41	7.5	0.52	0.46	402	0.25	1	2.20	2.10	14	10	889	25	78	74	0.1	10.0
844297	14D05	457120	6246000	1.6	2.0	2.20	20	2.37	51	58	11.4	0.54	0.48	412	0.25	1	1.90	2.08	19	9	901	29	89	86	0.1	8.8
844299	14D05	456930	6246650	2.1	2.1	2.28	21	2.35	52	55	12.8	0.78	0.51	426	0.25	1	2.00	2.06	19	9	932	30	90	85	0.1	10.0
844301	14D05	456500	6247050	1.6	2.1	2.12	30	2.24	60	57	14.2	0.90	0.43	414	0.25	1	2.10	1.99	28	8	792	35	97	87	0.1	9.0
844303	14D05	456220	6247450	1.9	2.0	2.18	33	2.23	68	70	17.1	1.20	0.41	427	0.25	1	1.90	1.97	39	8	754	48	100	98	0.1	8.2
844305	14D05	455710	6247800	1.7	2.2	2.11	34	2.26	76	72	17.2	1.40	0.40	409	0.25	1	2.10	1.94	38	7	733	46	110	103	0.1	8.6
844306	14D05	453460	6246900	1.7	4.0	4.39	44	2.09	94	91	20.5	1.50	0.85	674	0.25	1	1.80	1.86	47	16	1167	51	85	92	0.1	13.2
844307	14D05	453880	6245680	1.7	2.2	2.07	28	2.22	67	62	13.7	1.00	0.42	384	0.25	1	2.10	1.92	21	8	787	33	98	87	0.1	10.0
844308	14D05	454210	6244990	2.0	2.1	2.25	23	2.26	49	51	11.8	0.79	0.47	416	0.25	1	2.10	2.08	20	10	975	28	81	85	0.1	10.0
844310	14D05	447190	6249390	1.7	2.6	2.38	19	2.15	49	44	7.4	0.67	0.56	419	0.25	1	2.20	1.86	14	9	933	26	94	79	0.1	11.1
844311	14D05	447030	6249830	1.9	3.2	2.78	21	2.07	51	45	7.1	0.55	0.65	487	0.25	1	2.20	1.81	11	10	999	25	85	72	0.1	13.6
844312	14D05	447000	6250290	2.0	3.0	2.92	13	2.25	61	64	10.7	0.50	0.78	510	0.25	2	2.00	1.83	11	17	1075	25	90	86	0.1	12.5
844314	14D05	446710	6251210	1.7	2.7	2.70	13	2.16	47	50	6.7	0.50	0.69	493	0.25	1	1.90	1.89	10	11	1094	24	80	73	0.1	10.9
844315	14D05	446380	6252290	1.5	2.7	2.52	16	2.00	39	36	5.3	0.50	0.62	456	0.25	1	2.00	1.77	9	9	917	23	78	66	0.1	12.1
844316	14D05	445350	6252300	1.7	2.9	2.88	13	2.31	54	52	9.1	0.57	0.77	527	0.25	1	2.00	1.91	11	14	1086	24	86	87	0.1	13.2
844317	14D05	445030	6251450	1.7	2.8	2.74	14	2.25	46	44	7.3	0.48	0.70	498	0.25	1	2.10	1.91	10	13	1072	24	87	79	0.1	12.7
844318	14D05	445000	6250600	1.5	2.5	2.59	13	2.19	45	44	8.0	0.51	0.65	446	0.25	2	1.90	1.79	10	17	892	24	83	81	0.1	11.5
844321	14D05	467350	6259190	1.6	2.9	2.91	13	1.95	40	37	11.3	0.55	0.84	482	0.25	1	2.20	1.98	12	21	872	21	78	71	0.1	11.3
844323	14D05	458500	6256440	1.3	2.7	2.75	11	2.06	37	38	8.8	0.54	0.82	516	0.25	1	2.00	2.03	12	16	1018	19	69	67	0.1	11.7
844327	14D05	461400	6240930	1.7	2.2	2.32	26	2.23	43	46	8.1	0.55	0.52	456	0.25	1	2.20	2.15	15	12	924	25	79	76	0.1	10.4
844328	14D05	467460	6238680	1.9	2.8	2.62	22	1.99	50	48	8.2	0.72	0.62	482	0.25	1	2.30	2.08	14	34	933	21	77	66	0.1	13.0
844330	14D05	458900	6238600	1.7	3.1	3.06	28	2.14	52	55	11.1	0.54	0.68	552	0.25	1	2.10	2.06	17	16	1140	25	75	78	0.1	12.0
844332	14D05	448980	6239350	1.6	2.2	2.21	24	2.17	45	50	7.3	0.42	0.47	439	0.25	1	2.00	2.05	14	9	918	25	82	74	0.1	9.3
844334	14D05	448750	6239940	1.7	2.2	2.07	27	2.16	56	54	5.9	0.66	0.46	430	0.25	1	2.40	2.16	15	8	1001	24	83	71	0.1	11.4
844335	14D05	444470	6241030	2.1	2.1	2.15	20	2.29	49	53	8.0	0.84	0.45	415	0.25	1	2.10	2.08	15	9	977	26	80	77	0.1	9.3
844337	14D05	451430	6240100	1.8	2.3	1.92	24	2.01	45	40	6.1	0.76	0.42	388	0.25	1	2.40	1.91	13	9	853	24	90	67	0.1	11.1
844339	14D05	438310	6235400	1.8	2.5	2.43	24	2.27	55	52	8.7	0.94	0.55	465	0.25	1	2.50	2.22	15	10	1177	25	89	75	0.1	12.8
844342	24A08	435620	6243410	1.8	2.7	2.52	25	2.22	64	59	9.4	0.94	0.53	456	0.25	1	2.10	1.81	18	10	900	32	97	82	0.2	10.9
844501	14D05	443650	6234080	1.8	3.5	3.47	23	2.06	48	46	13.1	0.91	0.84	598	0.25	1	2.20	1.96	16	18	1219	30	77	72	0.1	15.5
844502	14D05	443250	6234650	2.2	3.0	2.84	20	2.24	70	66	10.6	0.80	0.67	517	0.25	1	2.50	2.21	15	13	1253	23	88	81	0.1	15.0
844504	14D05	443100	6235620	2.2	2.5	2.46	23	2.12	47	46	7.8	0.87	0.56	460	0.25	1	2.30	2.18	15	10	1192	23	75	71	0.1	12.4
844505	14D05	442820	6236650	2.1	2.5	2.63	19	2.37	54	59	10.7	0.86	0.60	484	0.25	1	2.20	2.18	16	11	1168	25	83	83	0.1	12.4
844507	14D05	442820	6236650	1.9	2.8	2.60	22	2.31	53	54	10.9	0.81	0.57	460	0.25	1	2.40	2.12	15	11	1075	25	96	82	0.1	12.9
844509	14D05	442750	6237050	1.9	2.4	2.23	28	2.09	49	44	6.3	0.86	0.45	419	0.25	1	2.40	2.02	14	9	1054	24	78	71	0.1	12.0
844511	14D05	443060	6237590	2.2	2.5	2.19	29	2.22	51	45	7.4	1.00	0.47	431	0.25	1	2.50	2.15	15	9	997	25	87	74	0.1	12.3
844513	14D05	442820	6238340	2.0	2.5	2.29	24	2.28	53	50	8.2	1.00	0.50	440	0.25	1	2.40	2.14	15	9	1118	26	85	79	0.1	12.3
844515	14D05	442710	6239400	1.5	2.2	1.96	25	2.20	49	45	6.6	1.00	0.46	386	0.25	1	2.50	2.11	13	8	1054	24	78	67	0.1	12.1

Sample	NTS	Easting	Northing	Eul	Fe1	Fe2	Hf1	K2	La1	La2	Li2	Lu1	Mg2	Mn2	Mo1	Mo2	Na1	Na2	Nb2	Ni2	P2	Pb2	Rb1	Rb2	Sb1	Sel
				ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
844516	14D05	442700	6239450	1.8	2.9	2.48	23	2.30	61	54	9.1	1.00	0.56	441	0.25	1	2.60	2.15	14	10	1115	24	87	72	0.1	13.9
844518	14D05	443380	6240300	1.7	2.6	2.24	24	2.35	51	45	9.8	0.89	0.55	395	0.25	1	2.50	2.03	13	11	1071	23	87	73	0.1	12.8
844520	14D05	441930	6241100	1.9	2.2	2.13	27	2.18	50	46	8.8	1.10	0.43	413	0.25	1	2.30	2.02	16	8	970	28	79	70	0.1	10.7
844538	14D05	450380	6249650	2.7	4.0	3.41	44	2.13	108	89	11.7	1.20	0.75	607	0.25	1	2.40	1.90	23	15	1123	38	92	79	0.2	15.8
844540	14D05	451370	6250330	1.5	2.5	2.21	17	2.28	49	45	10.3	0.60	0.65	428	0.25	1	2.20	1.82	14	14	873	29	100	85	0.1	12.0
844542	14D05	450170	6250540	1.2	2.2	2.29	16	2.05	37	38	5.7	0.45	0.53	437	0.25	1	1.80	1.80	11	9	858	25	70	68	0.1	9.0
844544	14D05	450490	6250540	1.6	2.1	2.08	14	2.11	38	36	5.7	0.53	0.50	393	0.25	1	1.90	1.81	11	9	810	24	80	71	0.1	9.3
844546	14D05	450830	6250610	1.6	2.1	2.07	14	2.18	39	38	7.0	0.40	0.55	406	0.25	1	1.90	1.82	11	9	848	25	81	74	0.1	10.0
844548	14D05	451230	6250780	1.5	2.4	2.22	15	2.15	43	39	6.7	0.65	0.53	407	0.25	1	2.00	1.83	12	10	879	25	83	73	0.1	10.3
844549	14D05	451700	6250950	1.1	2.3	2.39	14	1.83	35	35	7.4	0.60	0.51	373	0.25	1	1.60	1.56	12	9	829	25	67	64	0.1	9.0
844552	14D05	452050	6251060	1.2	2.3	2.09	14	2.13	41	37	7.7	0.59	0.56	393	0.25	1	2.10	1.82	11	10	862	25	83	74	0.1	10.6
844554	14D05	451410	6251450	1.4	2.4	2.34	15	1.97	41	42	6.3	0.51	0.57	451	0.25	1	1.90	1.83	13	9	908	25	73	61	0.1	10.0
844556	14D05	450880	6252100	1.3	2.7	2.55	17	1.95	44	41	5.9	0.44	0.60	463	0.25	1	2.00	1.78	10	12	961	24	74	65	0.1	11.4
844558	14D05	451190	6252140	1.4	2.8	2.57	18	1.94	42	37	5.6	0.58	0.60	461	0.25	1	2.10	1.76	10	11	913	24	82	65	0.1	11.7
844560	14D05	451500	6252220	1.4	2.9	2.49	17	2.06	44	41	6.0	0.42	0.59	449	0.25	1	2.10	1.79	10	11	928	24	82	70	0.1	11.5
844561	14D05	467840	6260950	1.4	3.1	3.03	13	2.06	50	51	10.1	0.50	0.88	541	0.25	1	2.10	2.04	12	17	1059	20	78	68	0.1	12.6
844563	14D05	467930	6256890	1.4	2.3	2.39	18	1.80	39	39	5.7	0.58	0.60	435	0.25	1	1.90	1.91	14	12	807	23	66	59	0.1	9.4
844565	14D05	467790	6255080	1.2	2.5	2.44	24	1.79	47	46	8.5	0.89	0.56	433	0.25	1	1.90	1.85	22	11	761	28	75	70	0.1	8.9
844566	14D05	468260	6252450	1.8	2.1	2.21	29	2.08	70	71	13.8	1.40	0.45	412	0.25	1	1.90	1.88	37	8	742	44	94	91	0.1	8.2
844568	14D05	468101	6251150	1.6	2.4	2.20	31	2.11	63	57	14.0	1.20	0.47	406	0.25	1	2.20	1.97	29	10	770	33	100	88	0.1	9.1
844569	14D05	468560	6249380	1.4	2.4	2.27	25	2.07	55	51	12.4	1.00	0.45	395	0.25	1	2.10	1.89	24	8	892	31	97	86	0.1	10.0
844571	14D05	467800	6244140	1.7	2.2	1.92	26	1.90	39	34	6.4	0.66	0.43	376	0.25	1	2.30	1.96	12	8	747	21	74	58	0.1	10.1
844572	14D05	467470	6239670	2.0	2.6	2.43	25	2.12	50	46	7.2	0.81	0.58	468	0.25	1	2.50	2.25	15	12	1021	23	82	67	0.1	12.9
844573	14D05	466440	6237150	1.8	2.9	3.00	16	2.02	66	72	10.5	0.67	0.72	517	0.25	1	2.00	2.07	15	15	1026	23	72	72	0.1	12.3
844575	14D05	465000	6240960	1.8	3.2	2.73	25	2.11	53	49	10.0	0.69	0.67	484	0.25	1	2.50	2.20	14	15	960	22	85	71	0.1	12.8
844577	14D05	466160	6244820	1.8	2.6	2.54	23	2.16	51	54	9.0	0.49	0.61	494	0.25	1	2.10	2.18	18	11	1017	23	79	69	0.1	11.8
844578	14D05	465500	6248000	1.8	2.5	2.43	21	2.15	49	50	10.2	0.65	0.54	446	0.25	1	2.10	2.04	18	13	941	26	83	74	0.1	10.7
844580	14D05	466150	6250450	1.7	2.1	1.94	28	2.08	59	54	13.9	1.30	0.41	375	0.25	1	2.10	1.91	27	8	716	34	100	82	0.1	8.4
844582	14D05	466130	6253880	1.6	2.0	1.86	30	2.08	66	60	11.4	1.30	0.49	404	0.25	1	2.10	1.90	33	9	775	35	100	88	0.1	10.0
844583	14D05	465980	6255890	1.6	3.1	2.95	20	1.84	58	54	11.2	0.75	0.73	474	0.25	1	1.90	1.78	20	17	932	26	74	72	0.1	11.3
844584	14D05	465980	6259030	1.6	2.5	2.90	17	2.02	49	56	11.8	0.68	0.74	506	0.25	1	1.70	1.86	22	15	860	25	69	75	0.1	10.6
844586	14D05	463930	6260980	1.5	3.1	3.11	14	1.96	44	41	10.7	0.53	0.91	536	0.25	1	2.20	2.05	10	22	1011	19	71	62	0.1	13.3
844589	14D05	464440	6248640	1.7	2.3	2.38	19	2.14	51	53	13.0	0.71	0.52	408	0.25	1	1.90	1.93	18	12	821	29	84	81	0.1	8.9
844593	14D05	464010	6239250	1.6	2.6	2.62	21	2.02	42	42	7.7	0.67	0.57	441	0.25	1	2.20	2.09	14	12	882	22	69	68	0.1	11.6
844595	14D05	461510	6249180	1.5	1.9	1.97	32	1.97	52	52	12.8	1.00	0.36	377	0.25	1	1.80	1.82	29	10	703	37	84	88	0.1	7.3
844596	14D05	462310	6251950	1.8	2.7	2.27	33	2.19	73	68	13.9	1.30	0.47	418	0.25	1	2.20	1.90	40	10	766	41	120	96	0.2	10.0
844599	14D05	461700	6261410	1.6	3.8	3.39	12	1.99	43	40	14.4	0.25	1.00	518	0.25	1	2.20	1.91	10	31	925	20	74	67	0.1	13.8
844600	14D05	458870	6258660	1.5	3.6	3.15	13	1.94	52	44	11.1	0.56	0.98	553	0.25	1	2.40	2.01	10	22	1096	18	72	67	0.1	15.8
844602	14D05	460090	6240930	1.9	2.3	2.10	24	2.13	43	39	6.6	0.79	0.46	401	0.25	1	2.50	2.16	13	9	858	23	78	68	0.1	11.8
844604	14D05	459780	6235130	1.7	2.5	2.42	19	1.94	39	38	5.6	0.77	0.63	470	0.25	1	2.40	2.27	13	12	1006	19	59	59	0.1	12.6
844609	14D05	458610	6246230	1.8	2.0	1.92	26	2.13	49	44	8.3	0.88	0.40	378	0.25	1	2.30	2.04	18	8	834	27	84	74	0.1	10.0
844611	14D05	449900	6252670	1.8	2.6	2.50	13	2.40	49	45	9.5	0.59	0.66	451	0.25	1	2.10	1.89	10	12	926	24	93	85	0.1	12.0
844613	14D05	450060	6252700	1.9	2.9	2.65	14	2.18	49	44	7.7	0.56	0.67	480	0.25	1	2.10	1.82	11	12	964	24	82	76	0.1	12.9
844615	14D05	450490	6252840	1.5	2.9	2.56	13	2.37	58	50	9.5	0.51	0.70	459	0.25	1	2.30	1.94	10	14	1000	24	100	87	0.1	13.1
844617	14D05	451060	6253010	1.7	3.2	2.74	15	2.19	53	45	7.2	0.64	0.72	484	0.25	1	2.30	1.87	10	13	1061	25	90	70	0.1	13.6
844619	14D05	451950	6253260	1.8	3.4	2.83	15	2.27	52	47	8.3	0.47	0.76	507	1.20	1	2.20	1.84	11	16	1065	24	92	80	0.1	13.3

Sample	NTS	Eastng	Northing	Eul	Fe1	Fe2	Hf1	K2	La1	La2	Li2	Lu1	Mg2	Mn2	Mo1	Mo2	Na1	Na2	Nb2	Ni2	P2	Pb2	Rb1	Rb2	Sb1	Scl
				ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
844621	14D05	452450	6253430	1.3	2.7	2.92	16	2.21	44	51	7.5	0.28	0.75	560	0.25	1	1.70	1.90	12	13	1135	24	73	73	0.1	10.9
844623	14D05	451960	6254500	1.4	3.1	2.83	16	1.89	39	36	8.3	0.47	0.76	514	0.25	1	2.00	1.77	10	15	934	21	70	64	0.1	13.5
844625	14D05	451350	6254450	1.5	2.6	2.51	13	2.09	43	40	6.3	0.49	0.65	470	0.25	1	2.00	1.82	10	12	957	23	81	70	0.1	12.0
844629	14D05	450250	6254260	1.6	3.2	3.15	14	2.06	48	44	9.9	0.31	0.89	517	0.70	1	1.90	1.73	11	20	989	24	82	71	0.1	13.3
844631	14D05	449710	6254100	1.4	2.8	2.85	13	2.19	45	43	10.1	0.41	0.77	535	0.25	1	1.90	1.79	11	14	851	25	90	81	0.1	12.9
844633	14D05	449560	6254030	1.4	3.0	2.78	17	2.03	40	36	7.1	0.54	0.74	531	0.25	1	2.00	1.83	10	13	948	25	78	70	0.1	13.3
844634	14D05	450150	6255230	1.3	3.3	3.02	15	1.98	35	31	8.3	0.54	0.72	468	0.25	1	2.00	1.73	11	13	715	23	75	68	0.1	13.5
844636	14D05	451500	6255920	1.5	3.0	2.75	14	2.11	40	35	9.8	0.54	0.76	498	0.25	1	2.10	1.81	10	12	962	24	87	75	0.1	13.5
844638	14D05	451790	6257020	1.3	3.1	3.05	9	1.95	35	34	11.0	0.39	0.93	514	0.25	1	1.90	1.84	10	17	969	18	70	68	0.1	13.9
844640	14D05	451660	6258000	1.8	4.6	4.02	26	1.82	51	41	11.0	0.62	1.04	656	0.25	1	2.30	1.92	14	19	1017	19	67	62	0.1	18.3
844642	14D05	450960	6258350	1.4	3.9	3.48	12	2.27	43	40	14.6	0.34	1.13	613	0.25	1	2.10	1.89	12	20	1017	20	98	86	0.1	15.3
844646	14D05	448160	6259000	1.3	3.4	3.25	18	1.90	37	37	9.3	0.37	0.89	571	0.25	1	1.80	1.74	12	15	1097	20	68	62	0.1	14.0
844652	14D05	447800	6261460	1.4	3.5	3.28	12	2.01	38	37	9.5	0.50	0.96	594	0.25	1	2.00	1.83	11	17	1148	20	67	65	0.1	15.5
844654	14D05	456250	6260960	1.7	3.4	3.23	14	2.04	42	39	9.7	0.50	0.96	589	0.25	1	2.20	2.01	11	20	1108	19	74	70	0.1	14.8
844657	14D05	455930	6258650	1.7	3.7	3.91	13	1.81	40	39	13.8	0.61	1.10	640	0.25	1	1.90	1.94	12	28	1000	18	53	61	0.1	14.0
844659	14D05	456420	6257570	1.6	3.5	3.19	15	1.81	40	35	9.9	0.55	0.92	550	0.25	1	2.30	2.01	10	20	1036	18	67	61	0.1	14.2
844660	14D05	456310	6256460	1.4	2.6	2.61	10	2.05	33	33	10.0	0.50	0.75	458	0.25	1	1.90	1.84	9	15	870	20	73	67	0.1	11.4
844662	14D05	448530	6242560	1.8	2.6	2.38	19	2.36	55	49	10.8	0.61	0.60	408	0.25	1	2.50	2.23	12	11	1195	24	83	75	0.1	12.5
844663	14D05	448420	6253120	2.1	2.4	2.27	21	2.25	71	66	11.8	0.81	0.63	439	0.25	1	2.20	2.03	15	12	982	29	84	82	0.1	12.5
844664	14D05	448250	6243560	1.4	2.9	2.88	15	1.75	51	51	8.5	0.45	0.56	359	1.30	1	1.60	1.53	15	10	905	32	61	62	0.1	10.0
844665	14D05	448300	6244290	0.3	4.8	4.78	28	1.95	95	96	47.6	0.50	1.24	821	11.00	9	1.70	1.67	36	23	961	41	95	105	0.2	16.8
844667	14D05	448300	6245150	1.5	2.4	2.26	34	2.41	78	81	19.8	1.20	0.47	456	0.25	1	2.00	2.06	45	8	842	49	120	108	0.1	8.6
844669	14D05	448640	6245280	1.6	2.2	2.18	33	2.28	87	86	20.7	1.60	0.44	431	0.25	1	2.00	1.94	44	8	762	52	120	111	0.1	8.4
844670	14D05	449650	6245560	2.1	2.5	2.41	41	2.29	87	80	18.8	1.60	0.44	485	0.25	1	2.10	2.01	39	23	859	49	120	106	0.1	10.0
844672	14D05	450790	6245950	2.1	2.3	2.18	40	2.25	84	75	19.1	1.70	0.41	433	0.25	1	2.10	1.90	43	7	749	52	120	112	0.1	9.2
844674	14D05	450750	6244860	1.5	2.5	2.37	24	2.41	66	61	14.7	1.00	0.54	446	0.25	1	2.30	2.11	20	10	983	33	100	92	0.1	10.7
844675	14D05	451780	6245300	1.3	2.4	2.12	22	2.17	47	41	8.5	0.69	0.56	379	0.25	1	2.30	1.97	14	10	522	26	78	72	0.1	10.9
844677	14D05	452450	6244180	1.6	2.2	2.19	26	2.29	58	57	12.0	0.85	0.60	452	0.25	1	2.20	2.11	18	12	1092	27	86	85	0.1	11.1
844679	14D05	463680	6252550	1.6	2.4	2.25	30	2.18	79	73	12.7	1.60	0.52	425	0.25	1	2.00	1.86	35	11	714	41	110	101	0.1	10.0
844680	14D05	463880	6252550	1.4	1.9	2.35	21	2.26	65	81	13.2	1.30	0.53	442	0.25	1	1.60	1.87	38	11	780	40	84	97	0.1	7.7
844682	14D05	464650	6252820	1.5	2.2	2.02	29	2.15	69	64	9.5	1.20	0.51	410	0.25	1	2.20	1.92	33	9	835	34	110	85	0.1	10.2
844685	14D05	466300	6253290	1.6	2.3	2.03	32	2.09	67	64	10.8	1.40	0.42	381	0.25	1	2.10	1.83	36	7	690	38	100	89	0.1	8.5
844687	14D05	466700	6252250	1.9	2.5	2.19	32	2.21	73	65	13.6	1.50	0.47	403	0.25	1	2.20	1.91	39	8	752	39	110	93	0.1	10.1
844688	14D05	465910	6252030	1.9	2.4	2.24	31	2.26	81	75	13.2	1.70	0.48	424	0.25	1	2.20	1.97	39	9	816	37	110	97	0.1	10.0
844690	14D05	465750	6251900	1.8	2.4	2.22	32	2.24	77	69	14.1	1.60	0.48	422	0.25	1	2.20	1.93	38	9	759	42	110	98	0.1	10.0
844692	14D05	465040	6251730	2.0	2.3	2.32	33	2.30	92	75	14.9	2.10	0.50	444	0.25	1	2.00	2.00	44	10	838	40	110	99	0.1	9.0
844693	14D05	464230	6251440	2.0	2.4	2.30	31	2.22	77	92	16.6	1.60	0.46	432	0.25	1	2.10	1.94	49	9	764	46	110	100	0.1	10.0
844694	14D05	463920	6251270	2.1	2.4	2.22	35	2.16	95	84	14.3	1.90	0.46	412	0.25	1	2.10	1.86	41	9	718	45	110	98	0.1	10.0
844696	14D05	464350	6250380	1.7	2.2	2.16	34	2.20	77	75	15.8	1.90	0.44	421	0.25	1	2.10	1.96	41	9	790	41	100	93	0.1	8.8
844698	14D05	464560	6250430	2.2	2.5	2.18	38	2.19	80	70	16.2	1.80	0.43	424	0.25	1	2.30	1.95	41	8	765	42	120	94	0.1	10.0
844700	14D05	465470	6250880	1.8	2.7	2.26	34	2.26	75	69	15.4	1.30	0.48	438	0.25	1	2.40	2.02	39	9	880	38	110	91	0.1	10.3
844701	14D05	456180	6236350	2.0	3.1	2.97	20	2.28	68	72	10.4	0.45	0.77	544	0.25	1	2.30	2.26	17	16	1223	22	86	77	0.1	13.4
844702	14D05	456080	6240220	1.9	2.0	2.15	24	2.20	41	45	6.1	0.81	0.48	440	0.25	1	2.10	2.20	15	9	940	24	73	68	0.1	10.1
844705	14D05	453980	6260660	1.8	2.9	3.02	14	1.99	37	39	7.7	0.50	0.92	574	0.25	1	2.00	1.94	11	16	1126	20	67	63	0.1	13.1
844706	14D05	453980	6257000	1.8	3.0	3.14	12	2.34	47	50	11.7	0.58	1.02	634	0.25	2	1.90	1.99	13	26	1120	21	82	84	0.1	15.1
844708	14D05	454390	6253710	1.5	3.1	2.94	14	2.17	45	42	9.7	0.61	0.83	528	0.25	1	2.10	1.92	11	18	1014	22	82	75	0.1	12.6

Sample	NTS	Easting	Northing	Eu1 ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm
844710	14D05	455280	6242840	1.6	2.1	2.16	24	2.23	44	47	5.9	0.70	0.50	436	0.25	1	2.10	2.17	16	8	987	24	75	75	0.1	11.0
844713	14D05	452000	6234060	2.1	3.4	3.21	23	2.09	73	67	9.3	0.93	0.80	563	0.25	1	2.50	2.22	18	15	1332	22	73	68	0.1	16.4
844715	14D05	452190	6238620	1.9	2.6	2.34	30	2.23	53	49	6.2	0.76	0.52	469	0.25	1	2.50	2.20	16	10	1024	25	86	72	0.1	13.0
844717	14D05	449580	6249960	1.6	2.5	2.36	18	2.16	45	43	7.0	0.53	0.56	446	0.25	1	2.00	1.81	13	9	885	27	85	77	0.1	10.6
844719	14D05	450050	6236770	1.6	2.7	2.55	28	2.30	49	47	7.7	0.80	0.55	491	0.25	1	2.40	2.17	17	10	1075	24	83	78	0.1	12.6
844721	14D05	447620	6236830	1.9	2.6	2.50	27	2.17	45	48	7.3	0.79	0.55	466	0.25	1	2.30	2.23	15	10	1112	22	77	71	0.1	11.5
844722	14D05	444940	6242540	1.4	2.1	2.01	19	2.12	44	46	8.7	0.54	0.53	378	0.25	1	2.00	1.95	13	10	925	24	75	69	0.1	10.0
844724	14D05	443540	6241540	1.9	2.6	2.40	18	2.40	57	53	10.8	0.56	0.64	424	0.25	1	2.50	2.19	13	12	1145	22	85	75	0.1	12.4
844727	14D05	447940	6252760	1.6	2.7	2.57	14	2.31	50	47	6.3	0.48	0.68	492	0.25	1	2.10	1.94	11	12	980	24	90	78	0.1	12.7
844731	14D05	451960	6260130	1.4	4.3	4.19	10	1.99	44	41	14.6	0.59	1.34	694	0.25	2	2.20	2.04	12	36	892	15	70	70	0.1	15.8
844732	14D05	444640	6252240	1.4	2.8	2.62	16	2.14	42	38	4.7	0.57	0.67	494	0.25	1	2.20	1.97	11	10	897	22	80	70	0.1	12.9
844734	14D05	441880	6249390	1.6	3.0	2.86	16	2.14	44	41	5.8	0.81	0.72	516	0.25	1	2.10	1.87	11	11	1237	22	77	69	0.1	13.4
844736	14D05	440120	6252190	1.7	3.3	3.12	20	2.09	50	45	8.9	0.62	0.84	588	0.25	1	2.10	1.89	13	12	1284	23	82	71	0.1	15.2
844737	14D05	440030	6248330	1.3	2.1	2.15	14	2.28	38	41	7.0	0.50	0.55	418	0.25	1	1.90	1.92	11	9	893	25	81	74	0.1	9.2
844741	14D05	440160	6240260	1.9	2.5	2.22	21	2.35	58	51	10.0	0.83	0.51	393	0.25	2	2.50	2.13	15	9	1050	25	89	76	0.1	11.6
844743	14D05	442700	6246940	1.6	3.2	2.73	17	2.17	41	37	10.8	0.56	0.75	455	0.25	1	2.30	1.95	13	14	632	24	94	75	0.1	12.9
844745	14D05	452000	6252340	1.4	2.3	2.57	14	2.08	33	40	5.1	0.50	0.62	456	0.25	1	1.60	1.82	11	14	947	25	68	69	0.1	8.6
844770	14D05	449420	6238070	2.2	2.6	2.41	33	2.14	52	48	6.0	0.84	0.52	470	0.25	1	2.40	2.18	18	10	1070	25	79	68	0.1	12.4
844772	14D05	448290	6237950	2.1	2.4	2.36	31	2.20	46	46	6.4	0.80	0.49	464	0.25	1	2.20	2.13	17	8	1095	27	75	72	0.1	11.2
844774	14D05	447250	6237970	1.6	2.1	2.07	26	2.16	47	46	5.8	0.91	0.45	433	0.25	1	2.20	2.13	15	8	1052	25	75	69	0.1	10.4
844776	14D05	446130	6238500	1.8	2.3	2.30	30	2.25	45	46	6.7	0.88	0.47	454	0.25	1	2.10	2.09	17	8	990	26	81	74	0.1	10.6
844779	14D05	465600	6258300	1.7	3.5	3.31	17	2.18	59	54	16.8	0.75	0.95	550	0.25	1	2.10	1.86	19	24	979	25	93	86	0.1	13.4
844780	14D05	466050	6257450	1.5	3.0	2.79	19	2.19	58	54	10.8	0.83	0.75	502	0.25	1	2.10	1.91	21	17	926	26	90	79	0.1	11.8
844781	14D05	465700	6256420	1.2	2.4	2.76	17	2.23	53	61	11.2	0.94	0.74	498	0.25	1	1.70	1.97	24	15	990	28	77	85	0.1	10.0
844783	14D05	466250	6255300	1.6	2.7	2.59	21	1.98	56	50	8.2	0.82	0.70	475	0.25	1	2.10	1.95	19	15	908	25	80	71	0.1	11.0
844784	14D05	466810	6254440	1.7	2.7	2.35	27	2.10	68	61	8.7	1.20	0.58	441	0.25	1	2.20	1.90	27	12	796	32	100	84	0.1	10.7
844786	14D05	467550	6253410	2.0	2.8	2.42	30	2.20	76	71	13.7	1.20	0.55	459	0.25	1	2.20	1.97	37	11	827	38	110	93	0.1	10.3
844787	24A08	435000	6235480	2.1	3.2	2.81	22	2.33	82	80	11.7	1.00	0.56	520	0.25	1	2.50	2.20	18	10	1177	38	120	83	0.1	13.8
844789	24A08	434980	6237150	1.9	2.9	2.63	22	2.49	59	56	9.9	0.93	0.52	474	0.25	1	2.40	2.08	16	9	1120	29	94	84	0.1	12.8
844791	24A08	434970	6237700	1.8	2.4	2.22	25	2.20	53	47	6.1	0.92	0.45	396	0.25	1	2.20	1.94	14	8	906	25	77	67	0.1	11.5
844793	24A08	435000	6238500	1.7	2.2	2.25	21	2.36	49	52	6.7	0.80	0.46	418	0.25	1	2.10	2.04	14	7	1069	27	76	76	0.1	10.4
844795	24A08	434750	6239210	1.9	2.5	2.28	23	2.48	66	59	11.3	1.20	0.52	451	0.25	1	2.40	2.05	16	8	1068	29	100	83	0.1	12.8
844796	24A08	435150	6239200	1.6	2.9	2.90	19	2.57	71	72	15.7	1.20	0.58	459	0.25	1	2.20	2.07	18	9	1014	37	91	92	0.1	12.6
844798	24A08	434810	6239880	2.6	3.0	2.68	51	2.33	119	95	38.8	2.90	0.50	486	0.25	1	2.60	2.16	53	8	875	65	130	106	0.1	12.0
844801	24A08	434830	6241320	2.0	2.9	2.81	34	2.35	83	79	22.3	1.70	0.60	503	0.25	1	2.10	1.89	32	11	905	85	100	96	0.1	11.2
844802	24A08	434970	6242180	1.7	2.8	2.72	20	2.50	67	66	17.3	1.10	0.72	461	0.25	1	2.00	1.91	25	16	921	40	100	102	0.1	11.6
844805	24A08	435000	6243900	1.2	3.2	2.85	22	2.23	52	48	9.1	0.81	0.60	479	0.25	1	2.10	1.76	15	15	882	32	92	82	0.1	12.2
844811	24A08	433500	6242000	1.5	2.2	2.21	23	2.42	63	68	14.0	0.65	0.50	420	0.25	1	1.80	1.89	32	9	834	45	100	98	0.2	8.6
844813	24A08	433500	6241500	1.5	2.3	2.37	20	2.38	52	57	12.0	0.71	0.53	420	0.25	1	1.90	1.90	20	10	941	37	82	87	0.1	10.0
844815	24A08	434000	6241510	1.9	2.5	2.52	39	2.52	86	84	25.8	1.90	0.50	459	0.25	1	2.10	2.02	54	8	907	77	110	107	0.2	10.0
844817	24A08	433550	6241050	2.0	2.8	2.56	27	2.58	73	66	14.5	1.30	0.49	449	0.25	1	2.20	1.96	25	9	964	46	110	97	0.1	11.6
844819	24A08	433580	6240390	2.3	2.4	2.48	54	2.43	125	115	43.8	3.10	0.41	464	0.25	1	2.30	2.18	62	7	860	99	130	120	0.1	10.0
844821	24A08	434000	6240350	1.9	2.2	2.33	25	2.44	67	68	12.5	1.40	0.43	413	0.25	1	2.00	1.94	21	6	917	52	96	88	0.1	10.0
844822	24A08	433520	6240000	1.9	2.6	2.53	29	2.60	72	68	16.1	1.50	0.51	466	0.25	1	2.20	2.07	29	9	1007	49	100	97	0.1	11.6
844825	24A08	437060	6238000	1.6	2.1	2.07	23	2.26	45	46	5.6	0.85	0.46	395	0.25	1	2.20	2.18	14	8	1105	23	73	66	0.1	10.7
844827	24A08	437000	6239250	2.1	2.6	2.51	21	2.46	59	56	12.1	1.00	0.55	452	0.25	1	2.20	2.14	18	10	1080	28	95	86	0.1	12.1

Sample	NTS	Easting	Northing	Eu1 ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm
844829	24A08	437000	6240000	1.7	2.5	2.36	27	2.47	74	67	21.4	1.20	0.49	444	0.25	1	2.40	2.14	24	8	1006	40	100	91	0.1	11.4
844830	24A08	437000	6240530	2.7	2.7	2.49	54	2.46	133	134	41.9	3.00	0.53	496	0.25	1	2.30	2.21	61	10	883	86	130	122	0.2	10.1
844831	24A08	437000	6240980	1.6	2.5	2.36	32	2.08	63	60	15.2	1.40	0.39	373	0.25	1	2.00	1.80	31	7	900	50	83	78	0.1	9.1
844834	24A08	437000	6241530	2.2	2.6	2.53	47	2.44	111	98	33.2	2.50	0.48	466	0.25	1	2.30	2.08	61	9	906	83	120	109	0.1	10.5
844836	24A08	437000	6242110	2.1	2.5	2.40	35	2.42	80	74	20.9	1.60	0.50	447	0.25	1	2.20	2.02	43	9	866	63	110	102	0.1	10.4
844838	24A08	436000	6241660	1.8	2.6	2.42	38	2.47	93	86	23.1	1.90	0.45	455	0.25	1	2.20	1.98	48	9	879	60	120	102	0.1	10.7
844839	24A08	435830	6240680	2.1	2.0	1.94	28	2.31	62	58	11.0	1.10	0.50	395	0.25	1	2.10	1.91	20	9	914	35	86	76	0.1	10.6
844842	24A08	436000	6240000	1.9	2.4	2.56	50	2.53	114	112	52.4	2.10	0.54	510	0.25	1	2.20	2.17	62	8	904	78	130	119	0.1	10.2
844843	24A08	436000	6239710	2.5	2.9	2.80	21	2.57	101	96	19.5	1.40	0.57	485	0.25	1	2.20	2.07	21	10	1077	39	100	97	0.1	12.7
844845	24A08	436510	6243680	1.5	2.6	2.46	17	2.21	44	41	8.4	0.67	0.61	436	0.25	1	2.00	1.77	14	14	813	26	88	78	0.1	10.9
844847	24A08	437000	6244000	1.6	3.1	2.81	22	2.38	57	54	11.3	0.84	0.64	495	0.25	1	2.10	1.83	19	12	876	29	100	90	0.2	12.2
844848	24A08	436910	6245050	1.6	2.3	2.29	18	2.37	49	52	8.7	0.49	0.54	424	0.25	1	1.90	1.85	17	9	868	30	95	85	0.1	9.4
844850	24A08	436330	6244900	1.3	2.2	2.14	17	2.44	59	57	9.8	0.60	0.65	493	0.25	1	2.00	1.89	13	13	1001	29	100	88	0.1	12.1
844858	24A08	432650	6244460	1.5	2.7	2.60	21	2.08	46	45	7.1	0.64	0.53	458	0.25	1	1.80	1.66	11	9	977	28	73	70	0.1	10.6
844860	24A08	432540	6243800	1.5	2.6	2.53	19	2.27	53	51	8.8	0.66	0.55	437	0.25	1	2.00	1.81	14	10	953	29	85	79	0.1	10.9
844862	24A08	432660	6243270	2.0	3.7	4.29	34	1.97	87	98	15.4	0.84	0.71	666	0.25	1	1.50	1.60	22	14	1442	49	79	79	0.2	11.7
844865	14D05	463800	6245900	1.4	2.0	2.17	19	2.19	43	47	7.2	0.63	0.49	410	0.25	1	2.00	2.09	17	9	884	24	73	75	0.1	10.0
844866	14D05	463920	6245890	1.9	2.7	2.65	34	2.08	69	71	7.7	1.10	0.57	556	0.25	1	2.10	2.05	27	11	1110	25	76	73	0.1	12.9
844868	14D05	464680	6246030	1.7	2.5	2.15	24	2.22	45	43	6.6	0.62	0.48	409	0.25	1	2.40	2.08	17	8	1032	23	85	72	0.1	10.9
844870	14D05	465450	6246150	1.6	2.5	2.15	25	2.17	44	43	6.5	0.70	0.48	404	0.25	1	2.40	2.05	17	8	933	23	79	73	0.1	10.6
844871	14D05	466110	6245960	1.7	1.9	1.98	20	2.15	34	37	5.5	0.62	0.44	368	0.25	1	2.10	2.04	15	8	889	24	70	72	0.1	9.5
844873	14D05	466400	6245840	1.9	2.6	2.35	22	2.19	55	50	8.2	0.84	0.55	444	0.25	1	2.40	2.09	17	10	1018	25	82	73	0.1	12.3
844874	14D05	467000	6246000	1.8	2.1	1.89	20	2.19	70	62	5.9	0.76	0.45	358	0.25	1	2.50	2.09	16	9	741	23	84	69	0.1	11.5
844875	14D05	467920	6246200	1.9	2.3	2.12	22	2.18	56	50	5.9	0.92	0.48	401	0.25	1	2.50	2.10	16	9	960	23	83	74	0.1	12.1
844877	14D05	468650	6246350	1.8	2.2	2.07	24	2.12	46	42	5.5	0.80	0.47	402	0.25	1	2.50	2.10	17	9	976	22	80	69	0.1	11.8
844879	14D05	468930	6246130	1.3	2.1	2.11	18	2.13	40	42	6.9	0.76	0.48	392	0.25	1	2.40	2.03	15	10	869	23	73	72	0.1	10.0
844882	14D05	438900	6242100	2.3	2.6	2.27	42	2.37	92	77	24.2	2.10	0.42	432	0.25	6	2.40	2.04	54	21	779	49	130	106	0.1	10.6
844884	14D05	439000	6241450	1.8	2.5	2.15	45	2.34	101	84	29.3	2.40	0.42	443	0.25	1	2.50	2.03	48	8	820	55	120	105	0.1	10.8
844886	14D05	439120	6240670	1.5	2.8	2.28	30	2.31	78	71	20.1	1.30	0.47	433	0.25	1	2.40	2.01	25	9	977	51	94	82	0.1	10.8
844888	14D05	439020	6239830	1.2	2.2	2.12	23	2.34	47	49	9.6	0.64	0.45	418	0.25	1	2.10	2.09	18	8	974	29	90	79	0.1	9.1
844890	14D05	439000	6239000	1.4	1.6	1.51	23	2.29	46	42	7.2	0.61	0.44	358	0.25	16	2.30	1.99	14	43	999	25	86	73	0.1	10.9
844892	14D05	439010	6238460	1.8	2.5	2.43	23	2.37	57	53	8.1	0.94	0.53	439	0.25	1	2.40	2.15	16	9	1198	25	86	74	0.1	12.5
844893	14D05	462730	6257970	1.4	3.2	2.97	12	1.99	46	43	9.9	0.52	0.91	521	0.25	1	2.10	1.88	11	21	999	19	73	66	0.1	13.3
844895	14D05	459370	6250850	1.8	2.1	2.02	35	2.08	74	69	11.8	1.50	0.42	399	0.25	1	2.00	1.77	47	8	673	43	110	93	0.1	8.7
844897	14D05	463850	6244570	1.9	2.9	2.84	22	2.10	53	50	12.5	0.71	0.81	531	0.25	1	2.10	1.96	20	14	1130	25	81	75	0.1	13.6
844899	14D05	462910	6240060	1.6	2.5	2.23	27	2.14	43	38	6.2	0.74	0.52	439	0.25	1	2.50	2.12	15	10	885	22	84	70	0.1	11.9
844900	14D05	465700	6238270	2.1	2.9	2.67	22	2.18	63	57	7.8	0.65	0.65	494	0.25	1	2.50	2.19	16	13	1030	23	85	76	0.1	14.0
844902	14D05	462530	6238530	2.1	2.7	2.38	27	2.03	49	43	6.4	0.82	0.60	467	0.25	1	2.50	2.13	16	15	1040	20	75	62	0.1	14.0
844911	14D05	450920	6240860	1.9	2.5	2.30	31	2.25	50	47	6.8	0.71	0.45	418	0.25	1	2.40	2.12	16	7	891	26	90	77	0.1	11.0
844912	14D05	445150	6241300	1.9	2.7	2.28	22	2.21	62	57	8.7	0.41	0.55	382	0.25	1	2.40	2.07	13	9	1116	24	81	69	0.1	12.4
844914	14D05	447420	6239210	1.5	2.0	2.16	26	2.21	38	44	6.0	0.47	0.46	431	0.25	1	2.00	2.16	16	8	968	24	78	72	0.1	9.1
844915	14D05	449660	6235170	1.8	2.9	2.83	31	2.37	56	57	10.5	0.70	0.63	550	0.25	1	2.30	2.17	19	12	1060	26	94	81	0.1	12.8
844917	14D05	438050	6237300	1.8	2.3	2.26	28	2.23	51	51	7.2	0.73	0.48	437	0.25	1	2.20	2.08	16	7	1112	24	84	70	0.1	11.3

Sample	NTS	Easting	Northing	Eu1 ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm
835002		441340	6238900	2.0	2.3	2.24	23	2.24	47	47	7.1	0.88	0.48	401	0.25	1	2.20	2.07	14	8	1055	36	79	69	0.1	11.3
835005		441340	6238760	1.6	1.9	1.89	23	2.30	31	35	4.5	0.79	0.45	385	0.25	1	2.10	2.17	15	8	579	34	72	73	0.1	10.0
835007		441320	6238930	1.8	2.3	2.16	19	2.46	55	53	9.4	0.88	0.57	415	0.25	1	2.50	2.20	15	9	1109	30	94	82	0.1	12.6
835009		433930	6235240	1.4	1.9	2.37	8	1.36	69	90	8.3	0.50	0.37	246	0.25	2	0.90	1.07	13	8	1472	108	45	56	0.1	6.7
835012		432450	6235730	1.6	2.5	2.90	24	2.38	51	60	13.1	0.88	0.59	506	0.25	1	1.90	2.14	18	10	1161	35	75	85	0.1	11.1
835021		435750	6237290	1.9	1.9	2.31	26	2.27	40	48	6.9	0.69	0.50	456	0.25	1	2.00	2.15	16	9	1136	30	61	72	0.1	10.0
835033		430300	6241650	2.6	2.4	2.23	24	2.44	94	92	18.8	4.80	0.51	427	0.25	1	2.00	1.89	54	9	841	76	110	97	0.2	10.0
835037		432000	6245040	1.3	2.1	2.14	14	2.38	38	46	9.5	0.34	0.54	416	0.25	1	1.70	1.90	11	9	846	30	93	86	0.1	8.0
835041		431910	6246170	1.1	2.3	2.35	14	2.55	42	44	11.1	0.44	0.62	424	0.25	2	1.90	1.85	11	13	858	32	95	99	0.1	10.0
835044		432260	6246860	1.1	2.4	2.32	12	2.69	44	44	11.8	0.44	0.63	400	0.25	4	2.00	1.86	11	15	793	36	110	107	0.1	10.5
835046		432310	6246700	1.2	2.7	2.66	13	2.58	45	46	8.3	0.62	0.72	478	0.25	2	2.00	1.92	10	13	1411	31	89	98	0.1	11.4
835049		431940	6248030	1.2	2.8	3.36	13	2.33	43	51	9.3	0.49	0.81	569	0.25	2	1.50	1.75	12	17	1766	28	65	89	0.1	10.5
835051		432000	6249980	1.6	3.6	3.98	11	2.50	45	48	12.2	0.43	1.11	689	0.25	1	1.70	1.77	13	25	1446	25	78	94	0.1	14.8
835053		431970	6250970	1.7	2.6	2.50	13	2.55	44	45	10.4	0.40	0.74	475	0.25	2	2.10	1.91	11	14	954	30	95	103	0.1	12.6
835055		432070	6250950	1.5	2.5	2.48	14	2.49	47	46	9.7	0.66	0.71	470	0.25	2	2.10	1.89	11	14	978	32	93	102	0.1	12.5
835056		431950	6252070	1.5	2.4	2.39	16	2.37	41	43	9.3	0.59	0.70	474	0.25	2	2.00	1.88	11	14	1017	28	82	88	0.1	11.8
835058		432030	6253040	1.2	2.5	2.63	16	2.25	38	40	7.6	0.77	0.75	533	0.25	2	1.90	1.86	11	14	1059	29	72	80	0.1	12.3
835067		430240	6241530	1.2	2.4	2.21	18	2.62	48	52	8.9	0.50	0.47	411	0.25	2	2.00	1.81	13	10	898	43	90	96	0.1	10.0
835068		430960	6241705	1.7	2.4	2.24	24	2.73	76	73	18.3	1.90	0.49	425	0.25	2	2.00	1.81	37	10	976	81	110	112	0.2	10.2
835069		431000	6241000	2.8	2.9	2.71	42	2.76	150	144	36.6	3.20	0.64	498	0.25	2	2.20	1.97	65	12	1000	125	120	131	0.3	12.0
835070		431000	6240500	2.0	3.0	2.84	30	2.74	107	102	22.1	2.20	0.53	494	0.25	3	2.20	1.94	36	10	1110	78	120	119	0.1	12.4
835071		431000	6239950	1.8	2.6	2.41	43	2.62	101	98	28.2	2.70	0.44	445	0.25	3	2.20	2.01	54	12	902	82	110	117	0.1	10.0
835072		431000	6239500	1.4	2.9	2.86	20	2.58	52	54	12.5	0.80	0.62	462	0.25	3	1.90	1.78	17	12	662	61	82	91	0.1	11.5
835074		429950	6240130	2.1	2.6	2.71	59	2.71	132	129	46.9	4.00	0.43	502	0.25	2	2.20	2.07	81	8	883	137	130	142	0.1	10.0
835076		429000	6240080	2.4	3.6	2.97	23	2.88	87	78	18.0	1.30	0.53	510	0.25	2	2.40	1.92	25	10	1088	48	120	113	0.1	13.5
835077		429000	6240520	1.7	2.3	2.51	22	2.55	55	63	13.6	0.75	0.48	430	0.25	2	1.70	1.81	23	10	1051	54	86	96	0.1	8.6
835078		429000	6241030	1.3	2.0	1.95	18	2.48	52	52	8.1	0.54	0.48	391	0.25	2	2.00	1.83	14	10	879	31	88	86	0.1	10.0
835081		432600	6241000	2.4	2.4	2.62	23	2.69	115	118	26.0	1.50	0.63	470	0.25	3	2.00	1.92	30	12	844	63	100	115	0.1	11.8
835084		432000	6241500	1.7	2.3	2.27	21	2.51	65	64	13.9	1.10	0.47	397	0.25	2	2.00	1.81	27	9	866	41	92	94	0.1	10.0
835085		432000	6240530	2.2	2.2	2.34	45	2.57	100	100	44.1	2.50	0.41	443	0.25	2	2.10	2.09	71	8	760	85	120	135	0.1	8.7
835086		432000	6240000	2.4	2.7	2.59	73	2.66	126	112	49.9	4.40	0.40	481	0.50	2	2.40	2.23	115	8	902	112	140	149	0.1	10.0
835087		432000	6239500	3.9	3.1	3.21	42	2.59	178	189	58.1	3.00	0.55	734	4.80	7	2.00	2.12	65	12	1089	123	120	131	0.1	10.0
835089		437960	6236250	2.0	2.6	2.50	22	2.48	56	54	8.0	0.80	0.56	474	0.25	2	2.40	2.20	17	11	1232	26	87	81	0.1	12.9
835090		430050	6242000	1.4	1.5	1.65	22	2.56	57	66	16.1	0.82	0.47	420	0.25	2	1.80	1.81	27	8	364	49	80	92	0.2	8.7
835093		431650	6241930	1.3	1.9	1.96	19	2.44	49	56	10.9	0.52	0.42	382	0.25	2	1.70	1.81	26	9	863	44	88	91	0.1	7.5
835094		431990	6241980	1.7	2.0	2.08	23	2.51	61	65	15.1	1.20	0.44	401	0.25	2	1.90	1.86	39	8	884	55	95	95	0.1	8.3
835097		432070	6241850	1.8	2.1	2.15	19	2.53	65	65	11.1	1.00	0.49	410	0.25	2	1.90	1.81	28	10	919	46	94	92	0.2	10.0
835098		431900	6241850	1.7	2.3	2.22	20	2.55	63	60	12.6	1.00	0.51	413	0.25	2	2.00	1.76	29	11	861	45	100	97	0.1	10.1
835103		432850	6241880	1.6	2.0	1.93	22	2.34	57	58	12.6	1.20	0.43	371	0.25	2	1.90	1.76	33	9	808	46	90	86	0.1	8.3
835105		432950	6241340	1.4	2.5	2.41	42	2.64	80	78	22.5	1.70	0.46	456	0.25	2	2.00	1.90	52	11	941	67	110	110	0.2	10.0
835107		432870	6241050	2.0	2.9	2.68	21	2.55	58	53	14.7	1.00	0.70	485	0.25	2	2.40	2.05	23	14	1132	60	94	85	0.1	12.4
835190		437990	6237250	1.7	2.4	2.41	26	2.36	46	48	7.7	0.88	0.49	438	0.25	2	2.10	2.05	18	10	1094	35	78	74	0.1	11.2
835191		437980	6238200	1.8	2.2	2.13	25	2.30	45	44	6.8	0.82	0.46	406	0.25	2	2.20	2.09	15	10	1085	31	75	77	0.1	10.6
835192		438020	6239180	1.9	2.5	2.38	21	2.36	57	58	8.6	0.88	0.47	422	0.25	2	2.20	2.03	17	10	1093	32	82	77	0.1	11.0
835193		438000	6239570	1.4	2.2	2.25	19	2.52	46	50	12.2	0.75	0.49	412	0.25	2	2.10	2.06	18	10	1021	32	93	89	0.1	9.3
835194		438000	6241370	2.0	2.3	2.15	43	2.43	79	73	23.9	1.70	0.39	427	0.25	2	2.20	2.04	57	8	828	53	110	107	0.1	9.2

Sample	NTS	Easting	Northing	Eu1 ppm	Fe1 %	Fe2 %	Hf1 ppm	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm
835195		437940	6241830	1.9	2.5	2.56	31	2.58	87	83	22.1	1.60	0.55	458	0.25	5	2.10	1.97	38	32	984	66	100	103	0.1	10.5
835196		438100	6242830	1.5	2.8	2.68	26	2.28	59	59	13.9	1.00	0.59	486	0.25	2	1.80	1.71	30	12	986	42	91	92	0.1	10.6
835197		438040	6242960	2.6	3.4	3.59	13	2.06	47	55	15.0	0.50	0.79	521	0.25	2	1.60	1.67	18	16	1045	121	55	76	0.3	10.1
835198		435840	6242230	2.1	2.5	2.57	30	2.60	85	87	22.7	1.90	0.55	450	0.25	2	2.00	1.89	50	14	904	67	110	117	0.2	10.1
835199		436050	6243000	1.2	3.5	3.85	14	1.73	43	50	16.6	0.39	0.85	531	0.25	2	1.50	1.56	17	17	959	46	63	71	0.1	11.1
835200		437920	6244030	1.5	2.6	2.29	22	2.30	60	55	9.6	1.00	0.55	434	0.25	2	2.00	1.75	24	11	880	37	93	84	0.1	10.8
835910		434400	6244900	1.5	2.5	2.37	15	2.50	53	54	10.1	0.52	0.59	435	0.25	2	1.80	1.76	12	12	879	35	94	94	0.1	10.1
835912		433900	6245300	1.1	1.9	1.93	17	2.18	35	40	5.9	0.45	0.46	384	0.25	2	1.60	1.70	9	10	792	35	66	75	0.1	7.8
835915		433950	6246350	1.4	2.4	1.98	16	2.35	42	41	6.3	0.57	0.50	378	0.25	2	2.20	1.77	10	10	824	33	94	77	0.1	10.2
835919		433420	6246500	1.6	2.6	2.26	15	2.42	53	48	9.3	0.44	0.59	418	0.25	2	2.10	1.76	10	13	834	31	99	92	0.1	11.3
835921		434000	6247100	1.1	2.6	2.45	16	2.30	41	39	9.0	0.51	0.63	442	0.25	2	2.00	1.78	10	14	829	44	88	86	0.1	10.9
835924		434000	6248050	1.7	3.0	2.90	12	2.43	43	42	11.7	0.70	0.80	518	0.25	2	2.30	1.78	11	16	1080	26	91	94	0.1	12.9
835925		429450	6248220	1.3	2.9	2.54	13	2.52	49	44	9.0	0.63	0.76	494	0.25	2	2.00	1.93	10	17	958	26	99	93	0.1	14.2
835927		429650	6248350	1.6	2.9	2.63	13	2.56	48	44	11.4	0.62	0.76	493	0.25	2	2.20	1.86	11	16	913	28	110	105	0.1	13.4
835928		430110	6249050	1.5	3.3	3.23	10	2.53	42	42	15.0	0.48	0.96	521	0.25	2	1.90	1.78	12	21	919	25	98	108	0.1	13.5
835929		430550	6249200	1.5	3.2	2.87	12	2.70	55	50	14.7	0.52	0.83	519	0.25	2	2.20	1.87	12	19	1064	26	120	120	0.1	14.5
835931		430050	6251000	1.9	2.9	2.76	14	2.45	55	53	9.2	0.75	0.76	530	0.25	1	2.10	1.92	11	15	1510	26	87	91	0.1	13.8
835933		429900	6251700	1.7	2.8	2.53	13	2.49	41	42	10.6	0.51	0.72	477	0.25	2	2.10	1.85	11	16	1053	32	96	102	0.1	12.5
835934		429900	6252000	1.4	2.2	2.30	13	2.40	39	44	8.3	0.29	0.67	479	0.25	2	1.80	1.94	10	14	983	28	86	88	0.1	10.7
835935		432000	6254000	1.0	3.0	3.28	12	1.88	32	35	7.5	0.53	0.77	728	0.25	2	1.40	1.39	12	15	1358	32	61	69	0.1	12.5
835936		431950	6255000	1.4	2.6	2.58	12	2.40	41	41	8.6	0.58	0.77	514	0.25	2	2.00	1.84	10	16	973	28	83	86	0.1	13.4
835937		431800	6255850	1.6	2.6	2.73	12	2.44	44	46	9.8	0.51	0.80	533	0.25	2	1.90	1.91	11	17	1008	30	79	90	0.1	13.2
835938		430000	6253000	1.6	2.9	2.89	17	2.25	38	36	11.3	0.51	0.82	490	0.25	3	2.00	1.82	13	16	915	30	86	86	0.1	13.6
835939		430000	6254000	1.1	2.3	2.42	13	2.29	35	34	7.4	0.60	0.79	515	0.25	2	1.90	1.79	10	14	926	29	74	72	0.1	13.4
835940		430000	6254950	1.2	2.6	2.48	13	2.42	45	43	8.6	0.51	0.75	495	0.25	2	2.10	1.97	11	14	990	30	87	83	0.1	13.3
835941		428730	6255830	1.4	2.6	2.57	14	2.32	40	38	9.2	0.57	0.76	494	0.25	2	2.10	1.96	11	16	945	33	81	80	0.1	13.3
835943		428020	6253880	1.7	3.4	3.17	14	2.30	46	42	9.9	0.60	0.95	591	0.25	2	2.10	1.91	12	19	1074	25	82	79	0.1	16.1
835944		427260	6254420	1.1	3.1	2.83	12	2.48	40	39	10.4	0.47	0.83	520	0.25	2	2.10	1.93	11	16	964	28	100	93	0.1	13.6
835945		427220	6254140	1.7	3.0	2.84	16	2.44	52	50	10.9	0.51	0.82	551	0.25	2	2.10	1.94	13	17	1047	27	91	89	0.1	15.0
835946		428490	6255180	1.4	3.4	3.23	14	2.32	42	38	11.2	0.67	0.93	576	0.25	2	2.10	1.87	12	19	979	27	85	84	0.1	16.0
835947		434000	6248800	1.2	2.4	3.04	15	2.29	38	47	10.7	0.30	0.75	542	0.25	2	1.50	1.76	12	14	1151	31	64	86	0.1	10.1
835948		433900	6250030	1.6	2.7	2.62	11	2.62	43	40	13.5	0.60	0.73	453	0.25	2	2.10	1.90	11	16	890	28	110	109	0.1	12.6
835949		434180	6251270	1.9	3.7	3.55	20	2.57	72	65	17.9	0.53	0.95	622	0.25	2	2.00	1.83	15	23	1111	29	110	118	0.1	16.2
835950		433940	6252930	1.6	2.6	2.57	14	2.43	48	43	10.0	0.62	0.73	475	0.25	2	2.20	1.93	11	15	988	28	95	92	0.1	13.6
835951		434000	6254000	1.9	3.4	3.21	16	2.27	55	51	8.7	0.78	0.88	603	0.25	2	1.70	1.92	13	16	1370	30	85	82	0.1	16.7
835952		436020	6243950	1.4	2.4	2.56	17	2.29	42	45	9.5	0.56	0.64	496	0.25	2	2.10	1.76	16	15	936	33	78	88	0.1	10.1
835953		436020	6244950	1.5	2.3	2.14	18	2.36	49	54	5.7	0.66	0.50	437	0.25	2	1.80	1.79	15	10	858	33	82	82	0.1	10.0
835954		435660	6246000	1.3	2.5	2.32	17	2.48	46	49	9.4	0.35	0.59	451	0.25	2	1.80	1.81	12	11	874	31	91	90	0.2	10.0
835955		436170	6247380	1.4	1.7	1.94	13	2.24	29	35	5.6	0.42	0.49	409	0.25	3	1.50	1.77	9	10	803	32	60	75	0.1	7.4
835956		436000	6248030	1.4	2.2	2.05	11	2.60	38	38	9.4	0.45	0.60	396	0.25	2	2.00	1.89	10	12	795	27	97	91	0.1	10.1
835957		436000	6249000	1.5	2.7	2.61	13	2.60	45	44	10.2	0.44	0.74	491	0.25	2	2.00	1.87	11	16	1023	28	100	100	0.1	12.2
835958		435920	6250060	1.6	3.8	4.02	10	2.26	35	38	18.3	0.42	1.16	690	0.25	1	1.60	1.62	15	21	1104	31	76	83	0.1	15.7
835960		435900	6252050	1.5	2.6	2.49	12	2.48	47	46	9.9	0.54	0.73	491	0.25	2	2.10	1.95	11	14	1009	26	96	94	0.1	13.0
835961		435870	6253180	1.6	2.4	2.24	14	2.47	43	42	8.2	0.57	0.67	454	0.25	2	2.20	1.98	11	14	986	31	95	91	0.1	12.7
835962		438060	6244950	1.6	2.4	2.35	17	2.55	50	50	11.9	0.75	0.61	444	0.25	2	1.90	1.81	20	12	821	41	95	100	0.1	10.1
835963		437350	6246180	1.3	2.1	1.89	15	2.39	39	39	5.3	0.55	0.47	391	0.25	2	1.90	1.80	10	9	822	33	84	84	0.1	9.1

Sample	NTS	Easting	Northing	Eul ppm	Fe1 %	Fe2 %	Hf1 %	K2 %	La1 ppm	La2 ppm	Li2 ppm	Lu1 ppm	Mg2 %	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 %	Na2 %	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm
835964		438020	6246930	1.3	2.0	1.72	16	2.30	38	40	4.8	0.44	0.44	367	0.25	2	2.00	1.84	9	9	785	30	83	76	0.1	8.6
835965		437870	6248000	1.3	2.1	1.80	13	2.31	34	33	4.6	0.43	0.48	362	0.25	2	2.10	1.92	8	9	812	28	84	78	0.1	9.0
835966		438020	6249260	1.6	3.3	2.79	18	2.30	51	50	10.0	0.51	0.72	525	0.25	2	2.10	1.79	13	15	1114	27	87	91	0.1	13.2
835967		438040	6249870	1.5	2.9	2.61	11	2.59	43	40	11.2	0.51	0.73	454	0.25	2	2.20	1.83	11	16	927	30	100	105	0.1	12.9
835968		438040	6251170	1.1	2.6	3.19	17	2.01	36	43	8.1	0.64	0.85	648	0.25	2	1.50	1.75	13	16	1260	29	49	70	0.1	11.9
835969		437870	6252270	1.5	2.8	2.51	13	2.29	44	39	7.5	0.77	0.73	498	0.25	2	2.20	1.86	10	14	1067	28	87	85	0.1	14.2
835970		437880	6252980	1.5	2.4	2.28	14	2.27	42	39	7.0	0.78	0.64	477	0.25	2	2.10	1.89	10	13	1017	26	83	85	0.1	12.3
835973		432000	6239000	1.6	2.8	2.84	36	2.30	78	81	17.5	1.40	0.59	550	0.50	4	2.00	1.97	37	15	1241	93	78	83	0.1	11.3
835975		430920	6235440	2.1	3.1	2.61	24	2.32	63	59	8.7	0.92	0.62	495	0.25	2	2.50	2.07	17	14	1321	26	88	79	0.1	14.7
835976		431730	6235090	1.7	2.4	2.77	23	2.43	47	61	11.3	0.43	0.60	516	0.25	2	1.70	2.08	19	13	1204	33	76	89	0.1	10.0
835977		431950	6236120	1.2	2.4	2.52	24	2.52	58	66	9.5	0.83	0.51	460	0.25	3	2.00	2.08	17	10	1195	35	74	84	0.1	10.7
835980		434000	6236940	2.1	3.9	3.79	15	2.96	109	104	22.4	0.83	0.76	592	0.25	2	2.20	1.97	21	14	1043	34	130	130	0.1	14.9
835981		433746	6238030	1.6	2.4	2.37	18	2.40	43	44	10.7	0.65	0.53	419	0.25	3	2.00	1.97	14	11	1008	30	78	81	0.1	10.7
835982		433980	6239030	1.9	2.5	2.36	24	2.57	67	61	14.7	0.94	0.49	459	0.25	2	2.30	2.06	21	9	1014	35	96	96	0.1	11.6
835983		433980	6240230	0.8	1.6	1.87	17	2.60	27	32	8.2	0.41	0.37	339	0.25	3	1.50	1.72	20	8	285	50	72	92	0.1	6.9
835984		433970	6241170	1.9	2.2	2.21	29	2.66	73	75	22.1	1.90	0.47	438	0.25	2	2.00	1.91	47	9	748	59	100	111	0.1	10.5
835985		433980	6241930	1.3	2.2	2.08	28	2.33	63	63	14.0	1.20	0.46	433	0.25	3	1.90	1.82	37	12	850	51	92	93	0.2	9.4
835986		434030	6243080	0.3	3.5	3.80	16	2.01	51	61	18.4	0.58	0.78	584	0.25	2	1.50	1.65	20	16	1065	50	78	85	0.1	10.7
835988		436000	6235780	1.8	2.9	2.67	20	2.51	63	66	9.6	0.57	0.64	497	0.25	2	2.20	2.21	18	13	1280	28	91	90	0.1	12.6
835989		435990	6238200	1.8	2.2	2.07	21	2.50	58	56	7.5	0.69	0.50	425	0.25	2	2.30	2.13	15	11	1094	28	84	84	0.1	12.0
835990		435870	6238950	1.9	3.0	2.74	21	2.65	61	57	13.4	0.75	0.55	473	0.25	2	2.20	1.93	18	12	1011	40	100	101	0.1	12.7
835991		435520	6239960	2.8	2.9	2.66	56	2.66	139	123	48.9	3.20	0.49	533	0.25	2	2.40	2.24	76	10	938	83	140	138	0.1	11.1
835992		435680	6241000	2.0	2.5	2.47	31	2.56	71	74	18.7	1.40	0.56	470	0.25	2	2.10	2.08	34	13	987	61	92	100	0.1	10.0
836001		440030	6234970	2.1	2.8	2.75	19	2.51	63	62	14.3	0.86	0.62	466	0.25	3	2.30	2.13	18	12	1151	28	95	94	0.1	13.2
836002		440060	6236980	2.4	2.9	2.61	20	2.56	76	69	12.1	0.79	0.59	454	0.25	2	2.40	2.03	17	13	1165	33	100	96	0.1	13.9
836003		440090	6239030	1.8	2.4	2.25	24	2.38	52	50	7.5	0.69	0.49	421	0.25	3	2.40	2.06	16	15	1116	29	90	76	0.1	12.0
836004		440040	6240950	2.1	2.6	2.30	26	2.56	81	75	18.8	1.10	0.48	424	0.25	3	2.40	1.96	25	12	1037	43	110	101	0.1	11.6
836006		439960	6244780	1.5	2.7	2.29	21	2.54	63	60	11.7	1.00	0.57	428	0.25	1	2.10	1.78	26	12	852	37	110	103	0.1	10.8
836007		439820	6247040	1.3	1.9	1.85	16	2.14	36	37	4.6	0.39	0.43	367	0.25	2	1.80	1.66	9	9	832	29	77	67	0.1	8.1
836009		440100	6251050	1.6	3.2	3.48	13	2.02	38	42	12.4	0.42	0.94	591	0.25	2	1.60	1.64	13	19	1214	56	65	73	0.1	13.1
836010		440040	6252960	1.4	2.8	2.62	14	2.18	39	38	8.4	0.46	0.74	494	0.25	2	2.10	1.79	10	15	1060	38	83	75	0.1	13.3
836012		442040	6234980	1.9	2.4	2.40	24	2.12	47	46	6.5	0.87	0.53	431	0.25	2	2.30	2.04	15	11	1184	42	73	72	0.1	11.9
836013		442210	6237110	1.5	2.3	2.21	26	2.25	47	45	6.2	0.86	0.48	432	0.25	2	2.30	2.00	16	10	1019	33	81	70	0.1	11.8
836014		442040	6238970	2.1	2.5	2.41	21	2.52	66	64	10.4	0.91	0.56	430	0.80	2	2.30	2.05	17	11	1153	35	92	84	0.1	12.9
836015		442000	6241030	1.7	2.1	2.11	30	2.23	50	50	9.8	1.00	0.44	426	0.25	2	2.10	1.91	19	10	996	42	84	81	0.1	10.0
836016		442040	6242560	1.8	2.1	1.91	37	2.39	77	68	18.7	1.50	0.40	396	0.25	2	2.20	1.83	46	8	793	60	110	100	0.1	10.0
836018		441700	6245170	1.7	2.6	2.35	43	2.11	78	79	16.6	1.60	0.49	496	0.25	1	1.90	1.83	57	9	869	57	100	98	0.2	9.3
836019		442030	6246960	1.3	2.2	2.04	17	2.16	39	42	8.1	0.40	0.53	408	0.25	1	1.80	1.74	12	9	750	34	84	82	0.1	9.2
836020		442050	6248820	1.2	2.4	2.14	17	2.11	41	40	6.8	0.46	0.54	404	0.25	1	2.00	1.85	9	9	833	28	77	76	0.1	10.0
836021		441980	6250950			4.01		1.71		71	15.8		1.26	761		1		1.92	15	19	1189	18		46		
836022		442260	6251080	1.5	3.1	3.08	17	2.17	53	53	10.4	0.82	0.86	579	0.25	1	2.00	1.85	12	14	1252	23	83	81	0.1	14.7
836023		441970	6252970	1.6	2.7	2.66	10	2.26	38	38	12.6	0.50	0.79	455	0.25	1	2.00	1.84	10	14	1006	28	86	85	0.1	12.4
836024		441980	6253960	2.0	3.6	3.45	15	2.13	56	55	15.3	0.61	1.10	642	0.25	1	2.10	1.83	12	16	1178	25	78	81	0.1	15.8
836025		444000	6235000	2.0	3.0	2.89	23	2.22	62	58	9.3	1.00	0.65	535	0.25	14	2.50	2.19	16	62	1222	36	80	81	0.1	14.9
836026		444000	6237000	1.7	2.3	2.30	25	2.09	44	44	6.3	1.00	0.49	426	0.25	1	2.20	2.06	15	11	1031	39	75	71	0.1	11.3
836027		444000	6238980	1.8	2.4	2.25	25	2.20	50	50	7.7	0.86	0.50	423	0.25	1	2.30	2.10	15	10	1046	41	79	78	0.1	11.7

Sample	NTS	Eastng	Northing	Eul	Fe1	Fe2	Hf1	K2	La1	La2	Li2	Lu1	Mg2	Mn2	Mo1	Mo2	Na1	Na2	Nb2	Ni2	P2	Pb2	Rb1	Rb2	Sb1	Scl
				ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
836028		444000	6240960	1.4	2.2	2.33	23	2.29	50	54	9.5	0.81	0.52	420	0.25	1	2.20	2.08	15	13	1084	39	77	80	0.1	11.2
836029		444000	6242940	1.3	2.4	2.18	32	2.27	64	64	17.0	1.20	0.43	433	0.25	1	2.20	2.03	31	10	851	50	97	96	0.1	10.0
836030		444000	6244960	2.4	3.0	3.56	32	1.99	79	106	27.7	0.68	0.92	678	0.25	1	1.40	1.73	60	19	1089	78	77	99	0.1	9.2
836031		444190	6245050	2.5	3.5	3.45	46	2.23	111	117	20.6	1.50	0.73	642	0.25	1	1.80	1.83	54	13	1164	62	98	107	0.2	11.9
836032		443970	6247120	1.4	2.1	2.27	21	2.13	45	53	9.5	0.87	0.52	431	0.25	1	1.60	1.73	21	9	808	55	76	83	0.1	8.0
836033		444030	6248960	1.7	2.1	2.04	15	2.08	37	39	6.3	0.38	0.50	400	0.25	1	1.90	1.76	9	9	833	33	74	72	0.1	8.7
836034		444020	6250930	1.5	2.9	2.84	14	2.29	49	50	8.5	0.53	0.76	522	0.25	1	2.10	1.88	11	13	1141	32	88	85	0.1	13.1
836035		444020	6252950	1.8	3.2	3.24	21	2.05	46	49	11.6	0.35	0.88	580	0.25	1	2.00	1.88	13	15	1148	32	75	76	0.1	14.0
836036		443970	6254480	1.3	3.0	2.98	13	2.20	40	41	11.4	0.61	0.83	538	0.25	1	2.00	1.79	12	15	1073	30	83	85	0.1	13.2
836037		444000	6259000	1.4	2.9	3.66	10	1.82	37	48	14.0	0.49	1.08	667	0.25	1	1.60	1.82	13	23	1284	32	53	68	0.1	12.2
836038		444000	6260940	2.0	3.3	3.66	12	2.23	40	44	10.4	0.62	1.10	676	0.25	1	1.90	1.88	13	20	1251	22	74	79	0.1	16.0
836039		446020	6234970	1.7	3.0	3.13	21	2.45	41	46	12.2	0.83	0.80	575	0.25	1	2.10	2.12	17	14	1055	37	78	91	0.1	13.3
836040		446030	6237000	1.9	2.6	2.47	21	2.31	51	54	8.5	0.54	0.56	474	0.25	1	2.40	2.18	16	12	1064	36	91	86	0.1	12.1
836041		446070	6238970	1.5	2.1	2.40	20	2.25	40	53	9.9	0.34	0.51	444	0.25	1	1.70	2.06	15	9	983	43	73	79	0.1	8.4
836042		446050	6240940	1.8	2.3	2.37	23	2.23	46	50	8.5	0.61	0.55	433	0.25	1	2.20	2.17	15	11	1061	34	75	77	0.1	10.8
836043		446100	6242960	1.7	2.4	2.42	19	2.48	69	69	14.1	0.57	0.61	442	0.25	1	2.20	2.08	16	12	1055	41	97	93	0.1	12.1
836046		445850	6246540	2.1	2.7	2.58	21	2.53	77	79	14.2	1.00	0.66	482	0.25	1	2.00	1.89	24	12	984	37	100	100	0.1	11.3
836047		446030	6248960	1.2	2.4	3.07	11	1.98	38	49	17.3	0.64	0.90	535	0.25	1	1.50	1.78	17	18	1041	28	55	80	0.1	9.5
836049		446020	6250950	1.6	2.8	2.72	14	2.18	45	45	6.5	0.45	0.72	513	0.25	1	2.00	1.91	11	13	1114	31	80	79	0.1	12.5
836050		445940	6252740	1.5	2.9	2.74	15	2.22	47	45	8.2	0.58	0.77	530	0.25	1	2.10	1.90	11	15	994	33	87	82	0.1	13.8
836051		446070	6254750	1.7	3.0	2.73	15	2.31	57	54	11.5	0.35	0.83	535	0.25	1	2.10	1.90	12	15	1083	32	100	91	0.1	14.9
836052		446030	6256950	1.7	3.3	3.09	16	2.27	60	59	12.3	0.25	0.96	612	0.25	15	2.10	1.90	13	83	1147	29	97	87	0.1	16.3
836053		446020	6259000	2.0	3.9	4.42	17	2.04	46	58	17.4	0.43	1.21	759	0.25	1	1.60	1.73	17	25	1375	35	73	79	0.1	14.7
836054		446020	6260970	1.3	3.2	3.46	12	2.20	38	46	12.0	0.31	1.06	656	0.25	6	1.80	1.97	12	38	1204	24	77	83	0.1	13.3
836055		447850	6235020	1.3	2.5	2.84	30	2.26	44	55	9.2	0.84	0.62	568	0.25	1	1.90	2.16	19	11	1153	31	70	78	0.1	11.1
836056		449860	6237420	2.2	2.5	2.57	31	2.15	47	50	8.4	1.00	0.54	516	0.25	1	2.20	2.10	18	15	958	30	78	77	0.1	12.2
836057		449860	6239950	1.9	2.2	2.15	26	2.17	43	44	6.7	0.77	0.48	429	0.25	1	2.20	2.08	16	10	925	31	77	75	0.1	10.8
836058		450000	6245750	1.7	2.2	2.14	37	2.24	75	74	19.7	1.70	0.42	423	0.25	1	2.00	1.90	45	9	718	55	110	107	0.1	8.6
836059		450050	6249960	1.3	2.6	2.29	18	2.14	46	42	9.0	0.58	0.60	433	0.25	1	2.00	1.73	14	12	845	37	95	80	0.1	11.1
836060		450030	6253950	1.7	3.0	2.78	17	2.14	49	45	7.7	0.71	0.76	539	0.25	1	2.20	1.89	11	13	958	31	89	77	0.1	14.2
836061		450050	6257850	1.7	3.6	3.51	12	1.99	37	36	10.8	0.60	1.03	565	0.25	1	2.00	1.84	12	29	1536	28	73	69	0.1	13.5
836062		450060	6260870	1.4	4.0	3.67	14	2.18	46	43	14.1	0.69	1.14	637	0.25	1	2.20	1.90	13	28	1214	24	87	82	0.1	17.0

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
843223	14D05	450570	6237920	13.5	1	10.3	318	1.8	1.5	10.6	4884	3.1	46	1	41	4.6	43	1300	303
843224	14D05	449070	6238023	13.1	1	10.5	318	1.7	1.6	11.8	4399	3.3	42	1	40	4.8	40	1100	261
843225	14D05	446750	6238370	12.8	1	11.2	309	1.7	1.3	11.2	4342	3.2	42	1	40	4.7	40	1100	277
843232	14D05	441500	6241750	11.2	1	11.6	296	3.2	1.9	14.2	3339	3.3	35	1	56	7.3	64	910	412
843233	14D05	441970	6240840	11.7	1	11.8	314	1.7	1.5	13.1	3641	3.3	37	1	38	5.1	38	840	229
844001	14D05	462550	6234560	15.1	1	10.0	380	1.5	1.3	10.3	4459	2.6	61	1	31	3.9	38	630	179
844003	14D05	462740	6234610	14.8	1	10.9	372	1.5	1.3	10.5	4362	2.5	55	1	33	4.1	40	610	174
844005	14D05	463030	6234570	14.8	1	11.4	361	1.8	1.4	11.9	5224	3.3	61	1	35	4.7	39	1200	298
844007	14D05	463250	6234700	14.3	1	11.5	372	1.5	1.3	9.2	4356	2.3	55	1	32	3.8	37	700	191
844009	14D05	461690	6235030	15.0	1	11.7	363	1.6	1.4	10.8	4642	2.9	57	1	35	3.9	41	760	194
844010	14D05	461600	6235000	14.4	1	9.1	355	1.6	1.4	10.0	4178	2.5	50	1	32	3.2	36	580	166
844011	14D05	461870	6235330	15.3	1	10.2	350	1.6	1.3	11.8	4510	2.7	51	1	36	4.0	43	740	183
844012	14D05	462050	6235330	15.1	1	12.0	363	1.7	1.5	11.2	4563	2.8	53	1	39	4.6	44	720	188
844013	14D05	462430	6235440	16.0	1	12.6	355	1.7	1.6	11.6	4894	3.3	54	1	40	4.9	41	770	206
844014	14D05	462940	6235510	14.7	1	10.0	353	1.5	1.3	10.2	4421	2.6	52	1	34	4.0	41	670	176
844016	14D05	463470	6235640	15.1	1	11.3	356	1.5	1.4	11.0	4412	2.7	54	1	36	4.1	44	620	176
844022	14D05	459960	6243740	15.3			263			5500			68		39		55		354
844023	14D05	460190	6243770	11.4	1	10.8	318	1.7	1.4	11.0	3851	3.0	38	1	35	4.6	33	780	241
844024	14D05	460900	6244040	11.8	1	11.6	324	1.7	1.4	10.0	3772	3.0	38	1	36	4.7	32	720	198
844027	14D05	461490	6244320	13.7	1	14.0	316	2.9	1.7	17.0	4224	3.8	54	1	39	5.9	47	1100	298
844029	14D05	461670	6245100	13.2	1	15.8	328	2.0	1.7	15.9	4193	4.0	43	1	38	5.0	39	990	258
844031	14D05	461520	6245620	10.5	1	7.9	309	1.6	1.2	8.9	3832	2.8	35	1	33	3.1	29	1100	284
844032	14D05	461620	6246730	12.6	1	10.8	337	2.2	1.6	10.6	3923	3.3	40	1	40	4.7	37	830	228
844034	14D05	460990	6246470	10.6	1	10.0	311	2.0	1.4	11.5	3775	3.4	36	1	37	5.0	33	1200	307
844036	14D05	460300	6246220	10.1	1	10.2	298	2.3	1.3	10.0	3291	2.5	32	1	34	4.6	37	690	241
844038	14D05	459740	6245940	10.3	1	9.2	306	2.1	1.4	10.3	3723	3.1	35	1	35	5.1	33	1100	304
844039	14D05	459470	6245920	11.8	1	8.0	307	2.3	1.4	12.9	3977	3.7	42	1	39	4.8	41	980	319
844040	14D05	467580	6257970	14.3	1	11.8	333	2.8	1.5	14.4	4151	3.2	63	1	36	5.3	49	680	267
844042	14D05	467590	6255730	13.1	1	10.5	320	2.7	1.4	13.9	3979	2.9	70	1	37	5.5	57	810	298
844043	14D05	468070	6253380	10.3	1	13.6	296	4.5	2.1	14.2	3313	3.8	42	1	56	8.2	53	1100	460
844044	14D05	468590	6251750	11.0	2	18.6	294	5.0	2.5	20.0	3513	4.7	40	1	67	9.3	60	1100	466
844048	14D05	468970	6248570	10.7	1	11.2	314	2.4	1.4	11.2	3518	2.9	39	1	40	4.4	43	870	299
844050	14D05	468920	6241940	14.0	1	10.7	327	1.9	1.4	12.2	4524	3.1	53	1	37	4.0	44	930	217
844052	14D05	468900	6236240	15.8	1	11.7	344	1.9	1.6	13.0	5394	3.2	63	1	38	5.2	42	1100	269
844054	14D05	465500	6239540	13.9	1	11.4	327	1.7	1.4	13.3	4534	3.4	52	1	34	4.5	43	890	206
844056	14D05	467130	6242880	12.0	1	10.2	322	1.7	1.2	10.9	4075	2.6	43	1	33	4.5	35	920	222
844058	14D05	465330	6247120	10.9	1	10.1	311	2.1	1.4	11.5	3767	3.0	37	1	35	5.2	36	1000	269
844060	14D05	465680	6248740	12.1	1	12.4	341	2.2	1.6	13.4	3798	3.2	42	1	37	4.9	44	840	245
844062	14D05	466390	6251380	9.3	1	13.8	278	5.1	2.2	16.3	3175	4.1	36	1	60	10.0	55	1300	515
844063	14D05	465640	6255050	10.5	1	8.7	302	2.1	1.1	10.1	3102	2.4	52	1	31	4.8	41	760	268
844065	14D05	465930	6257030	13.0	1	14.1	317	3.2	1.7	16.7	3944	4.0	57	1	41	6.9	47	860	300
844067	14D05	465650	6261000	17.8	1	11.3	350	1.5	1.2	12.7	4888	2.9	81	1	26	3.4	54	710	182
844071	14D05	463690	6254160	11.6	1	8.0	312	2.3	1.2	11.0	3414	2.6	57	1	34	4.2	49	690	284
844073	14D05	464130	6247210	11.3	1	9.0	320	1.9	1.4	10.3	3838	2.9	38	1	36	4.5	35	950	271
844075	14D05	463470	6240830	14.2	1	8.9	332	1.6	1.2	9.4	4719	2.2	73	1	31	3.9	52	800	190
844080	14D05	461070	6251100	9.2	1	13.2	282	5.3	2.6	17.0	3126	4.3	36	1	94	14.0	62	1100	586

Sample	NTS	Eastings	Northing	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844082	14D05	461690	6252390	14.1	1	11.5	320	3.3	1.7	17.7	4443	4.0	66	1	50	6.4	55	890	399
844084	14D05	461820	6255930	12.4	1	7.0	323	1.3	0.9	8.9	3577	2.2	60	1	23	3.2	34	630	209
844086	14D05	461730	6258930	14.3	1	8.7	353	1.1	0.9	12.9	3972	2.1	69	1	21	2.7	54	610	176
844088	14D05	459730	6260790	15.6	1	7.5	365	1.0	0.9	10.5	4096	2.0	77	1	21	2.5	50	520	178
844089	14D05	460300	6255380	14.2	1	11.3	324	2.0	1.2	13.4	4165	2.3	65	1	30	4.3	59	560	216
844091	14D05	4637510	6237510	15.8	1	13.8	348	1.8	1.6	13.8	5065	3.3	55	1	38	4.7	47	930	221
844093	14D05	458190	6235420	16.2	1	12.9	346	1.9	1.5	12.7	5012	2.9	58	1	37	4.4	47	630	198
844095	14D05	457760	6240230	11.9	1	8.7	310	1.6	1.2	10.0	4272	3.0	40	1	35	3.1	35	1100	253
844097	14D05	457300	6244070	11.2	1	9.5	315	1.8	1.2	10.0	3938	2.8	37	1	34	4.4	32	1100	263
844099	14D05	457230	6247220	10.1	1	12.8	284	3.9	1.9	14.2	3450	3.9	34	1	51	7.6	51	1100	424
844101	14D05	458820	6247170	10.8	1	12.1	292	2.9	1.9	15.0	3476	3.8	35	1	48	6.5	45	900	333
844104	14D05	459220	6247290	8.6	1	8.9	275	2.7	1.4	9.2	2843	2.7	28	1	42	5.8	41	870	357
844106	14D05	459840	6247480	9.1	1	8.2	277	2.6	1.3	9.3	2953	2.6	28	1	40	5.3	42	760	329
844108	14D05	459360	6247770	10.0	1	12.3	279	3.3	1.8	15.6	3472	3.6	37	1	48	6.6	47	1100	398
844110	14D05	459100	6247670	9.4	1	11.9	283	3.0	1.7	12.7	3164	3.5	31	1	43	6.3	43	1000	358
844112	14D05	459180	6248050	10.4	1	14.8	288	3.9	2.0	16.1	3481	3.9	37	1	52	7.1	50	1000	412
844114	14D05	459540	6248160	8.5	1	15.1	271	4.3	2.0	12.7	2784	3.6	29	1	51	7.3	48	990	426
844116	14D05	459710	6248350	9.1	1	10.0	273	4.0	1.8	13.0	3215	3.8	33	1	53	6.0	51	1200	477
844118	14D05	459460	6248320	9.8	1	11.3	275	4.3	2.0	14.9	3357	3.8	37	1	59	7.3	53	1100	505
844120	14D05	459660	6248620	9.1	1	13.1	293	5.7	2.3	15.4	3069	4.3	33	1	69	9.1	66	1100	588
844122	14D05	459290	6248690	11.2	2	19.2	311	6.8	3.0	20.5	3621	5.1	40	1	96	12.0	81	1200	649
844124	14D05	457830	6249930	10.0	2	15.6	280	6.4	2.8	19.3	3281	4.8	37	1	90	11.0	72	1100	617
844126	14D05	457940	6249550	9.6	2	16.7	278	6.5	2.6	19.8	3156	4.8	35	1	77	11.0	65	1200	621
844128	14D05	458050	6250090	8.9	1	14.6	278	5.8	2.4	17.6	3013	4.5	35	1	69	10.0	55	1200	571
844130	14D05	457540	6250050	9.5	1	14.0	278	5.9	2.4	17.3	3109	4.7	37	1	70	10.0	58	1200	560
844132	14D05	457290	6250210	8.9	1	15.0	278	5.7	2.4	16.4	3054	4.4	36	1	68	10.0	55	1200	566
844134	14D05	457050	6250170	9.0	2	16.0	280	5.7	2.4	16.7	3001	4.4	36	1	66	10.0	56	1200	532
844136	14D05	457000	6250430	9.4	1	13.0	277	5.6	2.4	17.5	3068	4.8	38	1	67	10.0	58	1200	494
844138	14D05	457640	6252810	14.0	1	10.0	308	3.0	1.5	13.3	4237	3.0	67	1	39	5.8	65	640	291
844140	14D05	457020	6252980	14.4	1	8.8	329	2.4	1.3	10.7	4004	2.4	72	1	35	4.8	72	570	236
844141	14D05	457010	6253920	14.6	1	6.6	314	1.3	0.9	8.6	4108	1.9	74	1	20	3.4	46	470	171
844143	14D05	456280	6254720	15.6	1	6.7	332	1.4	0.9	9.4	4219	2.1	75	1	23	3.2	49	530	183
844145	14D05	455820	6255270	14.5	1	8.3	334	1.3	1.0	10.0	4048	2.3	69	1	24	3.6	43	610	201
844146	14D05	455460	6255810	14.5	1	7.3	336	1.3	0.9	10.1	3963	2.2	65	1	24	3.1	41	520	184
844147	14D05	455950	6238080	14.5	1	12.3	313	2.0	1.7	13.5	5209	3.5	51	1	45	5.4	44	1200	305
844149	14D05	456180	6241730	12.9	1	10.7	316	1.9	1.5	12.4	4495	3.1	43	1	37	5.0	34	1100	282
844151	14D05	459320	6246480	14.2	1	13.7	341	2.2	1.8	12.0	4548	3.3	48	1	48	5.9	47	730	292
844153	14D05	453580	6259000	17.0	1	8.1	356	1.3	1.0	10.1	4625	2.1	81	1	24	2.4	51	640	200
844155	14D05	453690	6255230	14.8	1	7.3	332	1.3	0.9	10.0	3923	2.1	66	1	24	3.3	39	590	190
844159	14D05	453700	6239970	13.8	1	13.0	321	2.3	1.8	14.2	5320	4.2	50	1	44	5.9	35	1600	378
844160	14D05	454030	6235520	14.8	1	11.8	350	1.7	1.6	12.8	4640	3.0	54	1	38	4.5	41	820	213
844161	14D05	452080	6237130	15.2	1	12.9	308	2.3	1.7	17.2	5414	3.8	55	1	44	5.2	46	1200	328
844163	14D05	450000	6242230	12.1	1	10.5	314	1.8	1.5	11.6	4287	3.2	41	1	38	4.5	34	1100	297
844164	14D05	449430	6251240	12.4	1	7.0	337	1.4	1.0	10.3	3665	2.7	57	1	24	3.1	31	560	214
844166	14D05	447830	6235190	14.8	1	11.7	322	1.7	1.6	14.4	4602	3.2	50	1	43	5.2	48	800	216
844168	14D05	448070	6240510	12.2	1	10.9	319	1.8	1.4	12.2	3954	3.4	41	1	36	5.0	36	900	264

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844169	14D05	443620	6240040	14.9	1	11.2	365	1.7	1.4	13.1	4621	3.3	50	1	36	4.4	43	760	224
844172	14D05	445580	6249350	10.8	1	8.0	319	1.2	0.9	10.3	3312	2.8	52	1	22	3.1	29	680	226
844174	14D05	447940	6255070	16.4	1	8.3	318	2.0	1.1	13.6	4596	4.2	73	1	26	3.2	49	570	228
844176	14D05	450160	6257150	15.8	1	7.4	320	1.4	0.9	11.3	4385	2.5	77	1	24	3.0	56	550	225
844177	14D05	450080	6261000	18.0	1	8.4	336	1.4	1.1	12.1	5235	2.6	87	1	26	3.1	55	740	253
844180	14D05	443560	6249390	10.9	1	6.6	314	1.2	0.9	10.6	3091	2.8	46	1	22	2.9	27	580	196
844182	14D05	441480	6251060	14.6	1	7.4	316	1.5	1.1	11.8	4209	3.0	66	1	26	3.8	35	650	248
844184	14D05	440000	6249960	13.4	1	8.1	326	1.5	1.0	11.9	3799	2.8	57	1	25	3.4	35	520	201
844186	14D05	439620	6245890	10.5	1	10.2	294	2.0	1.3	13.8	3216	3.2	43	1	32	4.3	35	750	256
844188	14D05	440070	6242330	9.7	1	17.0	292	5.6	2.5	21.0	2954	4.5	31	1	75	10.0	68	1100	576
844190	14D05	440030	6238240	14.0	1	13.8	330	2.0	1.8	13.5	4383	3.4	44	1	42	5.3	42	910	259
844191	24A08	432970	6235000	15.3	1	17.5	321	1.9	1.8	22.2	4462	5.0	50	1	49	4.6	57	600	203
844193	24A08	432800	6236440	15.4	1	12.4	333	2.0	1.8	16.9	4522	3.8	48	1	46	4.2	56	840	230
844195	24A08	433000	6236980	14.6	1	13.9	332	2.0	1.8	16.7	4339	3.9	42	1	47	5.5	50	840	217
844196	24A08	433050	6237700	11.0	1	10.1	294	1.4	1.4	12.8	3334	2.9	32	1	36	4.3	32	770	224
844198	24A08	433260	6238270	13.1	1	13.2	316	1.9	1.9	17.2	4001	3.6	38	1	44	5.7	43	890	240
844200	24A08	433570	6238750	12.7	1	12.9	311	1.8	1.8	18.1	3761	4.1	37	1	43	5.4	45	800	231
844202	24A08	433060	6238980	12.0	1	18.6	284	3.7	2.6	22.6	3423	4.2	34	1	72	9.1	80	910	420
844204	24A08	433000	6239680	11.7	2	23.1	285	8.6	3.8	37.2	3643	6.6	37	1	127	18.0	132	1700	1207
844206	24A08	433000	6240070	11.7	2	18.6	342	7.5	2.8	23.3	3847	6.4	40	1	87	15.0	93	1700	970
844207	24A08	433000	6240720	9.6	2	32.0	251	8.4	4.7	37.9	3011	7.5	29	1	135	19.0	105	1700	1085
844210	24A08	433000	6242540	11.1	2	26.3	294	7.3	5.1	46.0	3423	6.9	42	1	161	18.0	85	1300	527
844212	24A08	432500	6242500	10.5	1	14.3	293	2.8	1.9	18.4	3186	4.3	39	1	49	5.9	46	830	312
844214	24A08	432510	6242080	9.0	1	13.8	275	4.0	2.6	23.8	2812	4.3	32	1	69	8.2	59	940	419
844217	24A08	432540	6241600	10.9	1	13.2	298	3.4	2.2	22.1	3345	4.0	39	1	57	6.8	55	800	356
844219	24A08	432540	6240430	10.5	2	21.4	274	6.4	3.4	29.6	3180	5.9	32	1	106	16.0	100	1300	879
844221	24A08	432550	6239990	11.1	2	16.5	297	5.9	3.2	23.8	3451	5.6	35	1	103	15.0	85	1600	833
844223	24A08	432590	6239700	11.8	2	14.3	385	8.4	2.4	20.1	3988	6.0	47	1	82	15.0	102	1500	1067
844225	24A08	432710	6239370	10.9	2	20.9	282	7.5	3.4	33.6	3398	6.6	32	1	112	18.0	127	1800	1141
844227	24A08	431620	6239680	11.1	1	14.6	301	3.4	2.0	21.2	3379	4.7	33	1	64	10.0	63	1200	571
844229	24A08	431540	6240060	11.0	2	19.5	290	6.1	3.1	28.3	3392	5.7	34	1	101	16.0	105	1400	906
844231	24A08	431530	6240490	10.9	1	17.3	269	4.3	2.5	23.2	3201	4.4	30	1	82	12.0	76	1100	599
844232	24A08	431540	6241180	12.4	1	18.2	312	4.3	3.2	30.1	3738	5.4	44	1	112	12.0	78	1000	615
844234	24A08	431530	6241570	11.4	1	9.0	299	1.9	1.2	16.3	3342	3.3	41	1	34	3.5	40	590	244
844237	24A08	431380	6242460	10.8	1	12.6	297	3.1	1.9	24.6	3314	3.9	39	1	59	6.5	53	730	344
844239	24A08	431450	6242690	10.7	1	8.6	300	1.8	1.3	13.2	3139	2.7	38	1	34	3.9	38	480	216
844241	24A08	430810	6242140	11.0	1	10.4	298	2.0	1.5	16.4	3330	3.3	40	1	41	5.0	41	720	278
844242	24A08	430620	6241000	11.6	2	31.8	284	6.8	7.3	50.7	3703	15.4	40	1	262	26.0	133	1500	1043
844243	24A08	430000	6240960	11.9	2	21.0	306	6.8	3.9	29.8	3786	7.6	41	1	131	14.0	110	960	662
844244	24A08	429520	6241000	10.3	2	16.1	287	5.4	3.0	21.6	3498	5.4	34	1	92	10.0	97	1000	510
844246	24A08	429560	6240500	11.7	1	17.5	294	5.0	2.9	25.3	3486	5.6	36	1	90	13.0	85	1100	663
844248	24A08	430000	6240550	11.9	2	21.5	289	6.2	3.9	37.2	3459	6.0	35	1	124	15.0	102	1200	788
844250	24A08	430720	6240560	11.9	2	19.3	283	6.5	3.3	31.5	3512	5.2	29	1	95	13.0	94	1200	568
844252	24A08	430530	6240090	11.4	2	18.7	301	4.7	2.9	24.4	3458	4.9	35	1	94	11.0	96	1100	730
844257	24A08	430340	6241720	11.1	1	10.8	291	1.9	1.5	18.7	3300	5.1	36	1	42	4.8	47	650	268
844262	24A08	430340	6241720	10.1	1	11.2	291	1.9	1.5	17.2	3084	3.8	33	1	42	5.4	45	740	278

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844266	24A08	430340	6241720	10.5	1	12.7	291	2.3	2.4	23.3	3238	5.8	33	1	71	9.2	47	810	284
844272	24A08	430340	6241720	10.4	1	11.1	288	1.9	1.6	18.2	3177	3.6	34	1	38	4.6	42	630	256
844275	24A08	432550	6242610	10.2	1	12.7	298	3.9	2.2	19.8	3116	4.1	36	1	60	6.6	58	750	390
844287	24A08	434730	6243480	12.4	1	10.4	299	2.2	1.4	18.0	3813	3.3	47	1	38	5.3	48	700	281
844288	24A08	435170	6243780	12.2	1	10.0	293	2.1	1.4	15.5	3499	3.3	46	1	37	5.2	48	770	304
844289	24A08	435920	6243720	13.1	1	8.7	285	1.8	1.3	15.6	3923	3.1	55	1	40	4.9	61	680	306
844290	24A08	435930	6243030	11.1	1	11.3	290	3.1	1.6	16.9	3565	4.0	44	1	47	6.8	49	970	386
844292	14D05	457540	6243040	12.0	1	11.0	313	1.8	1.4	12.7	3976	3.4	38	1	37	5.0	36	970	251
844294	14D05	457310	6244290	10.9	1	8.0	317	1.5	1.1	8.6	3885	2.4	35	1	34	4.0	30	910	287
844296	14D05	457280	6245050	10.8	1	10.2	313	1.7	1.2	10.0	3813	2.7	36	1	33	4.1	35	820	272
844297	14D05	457120	6246000	11.4	1	10.9	309	2.2	1.6	12.3	3723	3.3	36	1	44	4.6	45	800	309
844299	14D05	456930	6246650	11.4	1	10.0	310	2.1	1.4	14.1	3666	3.1	39	1	39	4.5	46	810	321
844301	14D05	456500	6247050	9.9	1	11.2	285	3.5	1.8	14.0	3430	3.5	33	1	49	6.5	54	1000	449
844303	14D05	456220	6247450	9.7	1	12.3	275	4.9	2.0	16.0	3431	3.7	33	1	65	8.6	61	1100	576
844305	14D05	455710	6247800	9.5	1	13.6	270	5.1	2.3	17.6	3230	4.1	31	1	64	9.0	61	1100	557
844306	14D05	453460	6246900	15.4	2	14.3	301	5.2	2.0	28.2	5910	5.5	80	2	65	8.0	78	1500	659
844307	14D05	453880	6245680	10.1	1	12.6	273	2.8	1.8	15.6	3384	3.7	30	1	48	6.5	48	970	369
844308	14D05	454210	6244990	11.4	1	10.0	315	2.2	1.4	11.6	3783	2.9	36	1	40	5.1	44	840	328
844310	14D05	447190	6249390	11.4	1	8.6	316	1.8	1.2	12.1	3349	3.0	49	1	30	4.2	34	640	244
844311	14D05	447030	6249830	13.2	1	8.9	314	1.7	1.1	13.7	4108	3.9	61	1	26	4.1	33	770	257
844312	14D05	447000	6250290	14.4	1	10.9	319	1.4	1.0	14.1	4029	12.0	62	1	27	3.0	44	520	204
844314	14D05	446710	6251210	13.5	1	9.1	341	1.3	1.1	10.2	3827	3.6	59	1	25	2.4	36	540	187
844315	14D05	446380	6252290	12.6	1	6.9	305	1.3	0.9	9.4	3525	2.4	55	1	22	3.3	31	570	205
844316	14D05	445350	6252300	14.9	1	8.7	331	1.4	1.1	12.8	4106	3.2	60	1	26	3.3	41	480	186
844317	14D05	445030	6251450	13.6	1	7.8	336	1.3	1.0	11.1	3861	2.5	59	1	24	3.3	37	500	191
844318	14D05	445000	6250600	12.8	1	7.0	312	1.3	0.9	11.5	3750	2.5	54	1	22	3.0	34	470	194
844321	14D05	467350	6259190	12.2	1	6.5	324	1.4	0.9	8.9	3528	1.9	59	1	23	3.3	48	490	190
844323	14D05	458500	6256440	13.7	1	6.7	331	1.1	0.8	8.5	3723	1.7	61	1	21	2.9	42	420	159
844327	14D05	461400	6240930	12.2	1	10.0	308	1.6	1.3	10.3	4325	2.7	40	1	36	4.1	39	910	261
844328	14D05	467460	6238680	13.5	1	13.3	320	1.6	1.3	11.2	4542	2.8	51	1	32	4.1	41	790	226
844330	14D05	458900	6238600	14.0	1	11.6	301	1.9	1.4	12.1	5046	3.1	55	1	41	4.8	54	1000	265
844332	14D05	448980	6239350	11.8	1	10.7	300	1.8	1.5	12.5	4095	3.2	39	1	38	3.6	37	970	255
844334	14D05	448750	6239940	12.0	1	12.1	314	2.0	1.6	12.1	4125	3.3	39	1	40	4.9	34	1000	261
844335	14D05	444470	6241030	11.4	1	10.4	311	1.6	1.5	12.1	3671	3.3	34	1	40	4.4	41	700	244
844337	14D05	451430	6240100	10.7	1	10.5	280	1.8	1.5	11.1	3607	2.9	35	1	33	4.9	34	910	217
844339	14D05	438310	6235400	13.7	1	12.1	324	1.8	1.7	13.6	4306	3.3	43	1	42	5.3	42	960	249
844342	24A08	435620	6243410	11.5	1	11.7	295	2.6	1.7	18.1	3532	4.0	45	1	44	6.0	44	860	323
844501	14D05	443650	6234080	16.8	1	11.1	288	1.8	1.6	11.8	5173	3.0	63	1	40	5.1	58	840	224
844502	14D05	443250	6234650	16.0	1	14.1	335	1.9	1.9	16.7	4827	3.9	51	1	46	5.3	51	840	203
844504	14D05	443100	6235620	13.9	1	13.3	329	1.6	1.5	12.6	4513	3.0	47	1	39	4.9	39	890	240
844505	14D05	442820	6236650	14.8	1	12.0	318	1.8	1.6	15.6	4559	3.2	46	1	45	5.1	46	680	216
844507	14D05	442820	6236650	13.9	1	12.0	305	1.9	1.7	16.5	4389	3.3	44	1	42	4.5	45	860	228
844509	14D05	442750	6237050	12.0	1	10.7	289	1.7	1.5	11.4	3895	3.0	38	1	38	4.8	33	1000	261
844511	14D05	443060	6237590	12.3	1	11.4	302	2.0	1.6	11.9	3998	3.2	38	1	39	5.6	37	1100	266
844513	14D05	442820	6238340	12.9	1	11.5	313	1.7	1.5	14.2	4014	3.2	39	1	41	5.6	42	930	246
844515	14D05	442710	6239400	12.0	1	10.7	311	1.8	1.5	11.4	3793	3.1	33	1	37	5.0	33	860	244

Sample	NTS	Easting	Northing	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844516	14D05	442700	6239450	13.6	1	12.3	325	1.8	1.7	15.2	4092	3.5	41	1	40	5.5	41	850	241
844518	14D05	443380	6240300	12.5	1	10.0	324	1.5	1.3	11.6	3945	3.1	38	1	31	4.5	39	850	242
844520	14D05	441930	6241100	11.1	1	11.0	297	1.9	1.5	11.6	3552	2.9	35	1	38	5.5	39	1000	317
844538	14D05	450380	6249650	14.7	1	16.9	312	3.5	2.2	31.8	5153	6.9	72	2	48	7.8	52	1500	590
844540	14D05	451370	6250330	12.1	1	10.3	298	2.0	1.2	14.2	3639	3.7	45	1	27	4.0	43	610	228
844542	14D05	450170	6250540	10.6	1	6.3	304	1.4	0.9	9.2	3366	2.5	49	1	24	3.0	32	630	229
844544	14D05	450490	6250540	10.2	1	6.6	304	1.4	0.9	10.0	2998	2.5	44	1	24	3.0	30	500	204
844546	14D05	450830	6250610	10.9	1	6.7	304	1.5	0.9	10.4	3216	2.7	42	1	24	2.8	33	450	198
844548	14D05	451230	6250780	10.8	1	7.3	305	1.6	1.0	11.0	3194	2.4	45	1	25	3.2	32	520	208
844549	14D05	451700	6250950	10.1	1	5.5	266	1.3	0.8	9.2	3150	2.2	47	1	22	2.9	33	510	207
844552	14D05	452050	6251060	10.9	1	7.0	303	1.5	0.9	10.2	3114	2.6	43	1	24	3.4	33	530	202
844554	14D05	451410	6251450	11.1	1	7.0	312	1.4	1.0	11.1	3451	2.8	49	1	24	3.3	31	520	212
844556	14D05	450880	6252100	11.9	1	7.3	315	1.3	0.9	10.6	3578	3.2	56	1	23	3.2	32	600	227
844558	14D05	451190	6252140	11.7	1	7.2	314	1.3	0.9	10.7	3547	2.9	56	1	22	3.3	32	630	224
844560	14D05	451500	6252220	11.8	1	10.0	312	1.4	1.0	11.2	3498	3.0	53	1	24	3.3	32	580	211
844561	14D05	467840	6260950	15.1	1	8.9	340	1.5	1.1	11.7	4195	2.5	67	1	25	2.6	45	510	187
844563	14D05	467930	6256890	10.7	1	6.8	315	1.6	1.0	8.6	3175	2.3	53	1	27	3.7	33	620	254
844565	14D05	467790	6255080	10.0	1	8.2	295	2.7	1.3	11.3	3194	2.9	50	1	37	5.3	42	810	374
844566	14D05	468260	6252450	9.7	1	12.5	279	4.4	2.1	14.3	3199	3.6	37	1	65	8.4	55	970	507
844568	14D05	468101	6251150	9.6	1	11.3	285	3.8	1.7	14.6	3226	3.5	37	1	48	6.6	53	1100	449
844569	14D05	468560	6249380	10.1	1	10.0	279	3.1	1.4	15.3	3396	2.9	36	1	40	5.3	46	840	345
844571	14D05	467800	6244140	9.9	1	8.5	283	1.6	1.2	9.2	3548	2.4	35	1	27	3.8	29	980	237
844572	14D05	467470	6239670	13.2	1	11.2	329	1.7	1.5	11.3	4533	2.9	47	1	35	4.5	39	980	231
844573	14D05	466440	6237150	14.7	1	12.5	314	1.4	1.4	13.3	4576	2.6	57	1	40	4.2	47	610	189
844575	14D05	465000	6240960	13.0	1	11.2	312	1.9	1.5	12.9	4439	2.8	51	1	34	3.8	47	990	216
844577	14D05	466160	6244820	14.3	1	11.9	319	2.2	1.7	14.2	4711	3.4	47	1	40	4.3	42	890	267
844578	14D05	465500	6248000	12.2	1	10.0	304	2.3	1.4	12.7	3979	3.1	43	1	37	4.6	42	800	277
844580	14D05	466150	6250450	8.8	1	10.9	273	3.7	1.7	13.3	2910	3.3	30	1	47	6.7	53	930	424
844582	14D05	466130	6253880	10.2	1	11.7	293	4.4	1.9	16.6	3344	3.7	37	1	52	7.3	50	1000	462
844583	14D05	465980	6255890	12.3	1	8.7	293	2.5	1.2	14.9	3790	3.0	62	1	33	4.2	46	670	298
844584	14D05	465980	6259030	13.5	1	6.3	304	2.2	1.1	10.4	4066	2.4	61	1	33	4.5	47	530	293
844586	14D05	463930	6260980	14.5	1	7.1	341	1.2	0.9	10.2	3903	2.0	70	1	21	2.4	46	450	171
844589	14D05	464440	6248640	10.7	1	9.3	287	1.9	1.2	12.3	3526	2.7	40	1	37	4.7	45	700	283
844593	14D05	464010	6239250	12.8	1	10.3	307	1.5	1.2	10.9	4301	2.6	48	1	31	3.6	37	760	217
844595	14D05	461510	6249180	8.5	1	10.0	253	3.4	1.6	11.6	3041	3.2	31	1	50	6.7	46	1200	511
844596	14D05	462310	6251950	10.3	2	17.6	289	5.4	2.3	17.7	3279	4.2	39	1	60	8.5	59	1100	525
844599	14D05	461700	6261410	14.3	1	6.9	315	1.1	0.8	11.4	3844	2.1	75	1	18	2.0	49	450	168
844600	14D05	458870	6258660	15.6	1	8.2	329	1.2	1.0	10.0	4188	2.0	71	1	22	3.0	54	440	156
844602	14D05	460090	6240930	11.8	1	10.0	309	1.7	1.3	11.0	3916	2.8	37	1	32	4.4	32	810	213
844604	14D05	459780	6235130	14.0	1	9.1	348	1.3	1.2	8.3	4315	2.0	50	1	31	4.0	36	660	207
844609	14D05	458610	6246230	10.2	1	9.5	297	2.2	1.4	10.2	3438	2.8	32	1	37	5.2	35	890	288
844611	14D05	449900	6252670	12.7	1	7.9	315	1.4	1.0	13.3	3581	2.8	50	1	23	3.3	36	480	173
844613	14D05	450060	6252700	13.1	1	7.7	316	1.4	1.0	12.4	3808	2.9	57	1	23	3.7	35	550	191
844615	14D05	450490	6252840	13.2	1	9.0	330	1.5	1.1	13.7	3580	3.9	52	1	24	3.3	38	480	171
844617	14D05	451060	6253010	13.2	1	10.2	347	1.3	1.0	13.2	3626	2.5	56	1	22	3.4	37	570	180
844619	14D05	451950	6253260	13.7	1	11.2	328	1.5	1.0	14.9	3956	2.7	59	1	23	3.3	43	540	186

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844621	14D05	452450	6253430	15.3	1	7.4	324	1.4	1.0	11.8	4713	2.7	66	1	27	2.8	40	610	251
844623	14D05	451960	6254500	13.9	1	6.9	302	1.2	0.9	10.9	3725	2.4	62	1	21	3.0	39	590	202
844625	14D05	451350	6254450	13.1	1	7.2	311	1.4	1.0	10.7	3604	2.5	54	1	22	3.2	35	480	191
844629	14D05	450250	6254260	14.3	1	7.7	308	1.2	0.9	13.0	3921	2.4	64	1	21	2.6	43	520	174
844631	14D05	449710	6254100	14.3	1	7.4	304	1.3	0.9	13.1	3871	3.2	61	1	22	2.7	40	460	180
844633	14D05	449560	6254030	13.8	1	7.0	309	1.3	0.9	10.4	3857	2.6	60	1	22	3.0	44	570	213
844634	14D05	450150	6255230	13.5	1	6.1	291	1.3	0.8	10.0	3849	2.3	66	1	18	2.7	35	470	192
844636	14D05	451500	6255920	13.8	1	6.9	309	1.3	0.9	10.2	3671	2.5	60	1	21	3.4	37	500	182
844638	14D05	451790	6257020	15.2	1	6.9	285	1.0	0.7	8.1	3893	1.6	71	1	19	2.7	45	320	124
844640	14D05	451660	6258000	17.8	1	12.1	326	1.8	1.2	15.3	5873	3.5	99	1	24	4.0	49	890	304
844642	14D05	450960	6258350	16.4	1	9.3	320	1.4	1.0	11.4	4372	2.5	77	1	22	2.9	52	360	158
844646	14D05	448160	6259000	16.5	1	6.3	303	1.5	1.1	11.5	4770	2.8	78	1	25	3.2	42	670	245
844652	14D05	447800	6261460	17.0	1	6.8	324	1.2	0.9	7.9	4518	2.0	79	1	24	3.1	46	450	154
844654	14D05	456250	6260960	16.0	1	7.6	341	1.1	0.9	9.5	4318	2.1	75	1	23	3.0	45	540	180
844657	14D05	455930	6258650	16.8	1	6.5	330	1.1	0.7	9.4	4899	1.8	92	1	21	2.7	55	560	199
844659	14D05	456420	6257570	14.4	1	8.1	339	1.2	0.9	8.8	3967	2.0	74	1	20	3.0	48	650	179
844660	14D05	456310	6256460	13.0	1	5.3	312	0.9	0.8	7.4	3405	1.6	59	1	18	2.3	44	380	133
844662	14D05	448530	6242560	12.8	1	11.5	372	1.5	1.3	13.9	3904	3.6	44	1	31	4.3	44	660	197
844663	14D05	448420	6253120	13.4	1	14.9	329	2.0	1.6	20.1	4221	4.1	46	1	39	4.8	47	720	245
844664	14D05	448250	6243560	11.2	1	9.1	259	1.5	0.9	20.7	3458	3.0	53	1	26	2.9	40	490	206
844665	14D05	448300	6244290	20.9	2	16.9	269	3.8	2.5	29.4	6390	13.7	86	1	88	9.2	134	1100	412
844667	14D05	448340	6245150	10.6	2	14.2	291	5.9	2.7	21.8	3426	4.9	37	1	76	8.5	75	1200	581
844669	14D05	448640	6245280	9.9	2	16.7	270	5.4	2.7	20.2	3176	4.5	34	1	84	11.0	75	1100	579
844670	14D05	449650	6245560	10.3	1	15.1	276	5.1	2.4	20.6	3636	4.9	37	1	71	10.0	72	1300	578
844672	14D05	450790	6245950	9.7	2	15.5	263	5.8	2.7	23.7	3289	4.9	32	1	75	11.0	72	1300	606
844674	14D05	450750	6244860	11.6	1	12.3	319	2.6	1.6	15.5	3654	4.2	40	1	43	5.4	54	810	319
844675	14D05	451780	6245300	11.0	1	8.6	330	1.8	1.0	12.6	3688	3.1	42	1	24	3.6	39	790	246
844677	14D05	452450	6244180	12.3	1	12.4	335	2.2	1.5	15.8	4108	3.4	43	1	40	5.2	50	860	315
844679	14D05	463680	6252550	10.5	1	14.3	285	4.7	2.4	19.0	3299	4.6	41	1	69	10.0	57	1100	465
844680	14D05	463880	6252550	11.0	2	10.1	290	3.6	1.8	14.7	3394	3.2	42	1	74	7.2	60	610	464
844682	14D05	464650	6252820	10.6	1	16.4	305	4.2	1.9	15.3	3346	4.1	42	1	53	7.7	49	1000	410
844685	14D05	466300	6253290	9.1	1	10.0	278	4.7	2.1	15.0	2968	3.8	36	1	59	8.2	51	1100	489
844687	14D05	466700	6252250	10.2	1	13.3	281	4.8	2.1	18.0	3196	3.9	37	1	60	8.9	57	1000	471
844688	14D05	465910	6252030	10.5	1	13.5	296	4.8	2.4	15.0	3308	4.2	39	1	68	9.2	59	1000	471
844690	14D05	465750	6251900	10.1	1	14.5	286	4.8	2.3	17.2	3239	4.1	38	1	64	10.0	59	1100	483
844692	14D05	465040	6251730	10.9	1	16.6	293	5.3	3.0	20.6	3535	4.6	40	1	65	13.0	63	1100	497
844693	14D05	464230	6251440	10.1	1	12.4	284	4.9	2.2	16.4	3338	3.7	36	1	107	9.1	67	1000	559
844694	14D05	463920	6251270	9.6	2	20.5	270	5.3	2.9	22.4	3185	4.5	38	1	82	11.0	60	1000	523
844696	14D05	464350	6250380	9.7	1	14.8	282	4.9	2.2	15.6	3296	4.1	36	1	69	9.5	61	1000	526
844698	14D05	464560	6250430	9.6	2	18.0	280	5.2	2.2	17.2	3303	4.2	36	1	62	10.0	59	1300	527
844700	14D05	465470	6250880	10.8	1	18.3	295	4.9	2.2	17.2	3554	4.3	39	1	60	8.7	61	1200	480
844701	14D05	456180	6246350	15.8	1	12.2	349	1.9	1.8	17.5	5030	4.2	60	1	42	4.5	54	840	206
844702	14D05	456080	6240220	12.2	1	9.1	319	1.5	1.3	10.3	4250	2.7	40	1	36	4.0	34	870	252
844705	14D05	453980	6260660	16.1	1	6.7	334	1.2	0.9	8.6	4186	2.0	71	1	25	3.0	41	410	190
844706	14D05	453980	6257000	18.5	1	7.7	336	1.4	1.0	10.8	4958	2.5	77	1	27	3.7	52	390	171
844708	14D05	454390	6253710	13.6	1	7.7	331	1.4	0.9	10.7	3901	2.0	62	1	22	3.0	44	490	172

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844710	14D05	455280	6242840	12.8	1	9.4	318	1.6	1.4	11.9	4338	2.8	40	1	37	4.2	36	830	248
844713	14D05	452000	6234060	17.0	1	16.1	353	2.0	1.9	17.2	5492	4.0	63	1	42	5.4	49	860	227
844715	14D05	452190	6238620	13.3	1	11.9	320	2.0	1.6	14.7	4567	3.6	45	1	39	5.3	36	1000	269
844717	14D05	449580	6249960	11.2	1	10.4	304	1.9	1.1	12.7	3389	3.2	48	1	27	3.8	36	610	230
844719	14D05	450050	6236770	13.6	1	13.9	310	1.9	1.6	12.2	4603	3.0	46	1	40	5.0	43	1000	247
844721	14D05	447620	6236830	13.1	1	11.5	330	1.7	1.4	12.2	4436	3.1	49	1	37	4.5	38	1000	275
844722	14D05	444940	6242540	11.4	1	8.8	320	1.5	1.2	11.8	3543	2.8	40	1	29	3.3	37	720	226
844724	14D05	443540	6241540	13.1	1	10.0	383	1.6	1.3	14.6	4143	3.6	49	1	28	3.7	40	680	206
844727	14D05	447940	6252760	13.8	1	6.6	331	1.3	1.0	11.8	3709	2.8	57	1	24	3.2	38	460	171
844731	14D05	451960	6260130	17.6	1	7.5	349	1.0	0.9	8.9	4803	1.4	93	1	20	2.3	69	390	107
844732	14D05	444640	6252240	13.3	1	8.5	324	1.3	1.0	10.0	3679	2.5	59	1	23	3.4	34	500	191
844734	14D05	441880	6249390	14.1	1	8.7	333	1.4	1.1	10.0	4115	2.4	67	1	25	3.3	36	580	194
844736	14D05	440120	6252190	15.6	1	10.0	321	1.8	1.2	13.0	4617	3.4	74	1	27	4.1	40	660	235
844737	14D05	440030	6248330	11.0	1	6.9	313	1.2	0.8	11.6	3204	2.6	41	1	22	2.7	32	470	190
844741	14D05	440160	6240260	11.5	1	15.1	326	1.8	1.5	13.6	3493	3.2	38	1	34	4.7	41	740	217
844743	14D05	442700	6246940	13.0	1	10.6	315	1.7	1.1	13.1	3677	3.0	57	1	23	3.3	39	600	201
844745	14D05	452000	6252340	11.8	1	6.0	313	1.3	0.8	9.2	3496	2.7	54	1	23	2.4	34	600	206
844770	14D05	449420	6238070	13.1	1	10.4	312	1.9	1.6	12.4	4671	3.5	45	1	40	5.0	39	1200	283
844772	14D05	448290	6237950	12.5	1	9.2	294	1.7	1.5	14.3	4239	3.5	41	1	39	4.6	37	1100	272
844774	14D05	447250	6237970	11.5	1	11.4	296	1.7	1.5	11.7	3824	3.0	37	1	38	4.4	35	1000	241
844776	14D05	446130	6238500	11.7	1	10.0	289	1.8	1.4	12.4	4170	3.0	39	1	38	4.9	37	1100	283
844779	14D05	465000	6258300	14.0	1	10.0	302	2.3	1.2	14.4	4313	2.8	71	1	30	4.7	62	580	237
844780	14D05	466050	6257450	12.6	1	10.9	316	2.4	1.3	15.1	3762	3.3	59	1	34	4.9	50	680	265
844781	14D05	465700	6256420	12.9	1	7.4	319	2.4	1.2	11.3	3768	2.6	57	1	40	4.5	51	540	294
844783	14D05	466250	6255300	11.8	1	11.8	317	2.4	1.3	11.5	3459	2.7	55	1	34	4.9	45	740	279
844784	14D05	466810	6254440	10.6	1	15.8	304	3.5	1.9	15.2	3225	3.6	47	1	49	7.3	47	820	367
844786	14D05	467550	6253410	11.2	1	17.5	297	4.9	2.4	17.5	3538	4.1	45	1	62	8.5	57	1100	455
844787	24A08	435000	6235480	14.7	1	15.5	293	2.2	2.3	22.8	4289	4.5	38	1	56	6.8	64	800	212
844789	24A08	434980	6237150	13.5	1	11.4	298	2.0	1.7	14.7	4020	3.3	38	1	45	5.9	50	740	213
844791	24A08	434970	6237700	11.6	1	10.0	292	1.5	1.5	12.8	3577	3.3	36	1	36	4.8	34	910	236
844793	24A08	435000	6238500	11.7	1	9.5	299	1.4	1.3	13.5	3516	2.7	34	1	39	4.6	38	680	225
844795	24A08	434750	6239210	12.9	1	13.9	307	1.9	1.8	18.0	3849	3.7	37	1	46	6.2	48	790	256
844796	24A08	435150	6239200	14.2	1	16.2	308	1.9	1.8	22.6	3993	4.1	42	1	53	6.5	57	610	267
844798	24A08	434810	6239880	11.5	2	23.7	283	7.2	3.4	30.7	3433	6.3	38	1	94	16.0	100	1700	843
844801	24A08	434830	6241320	12.1	1	17.2	286	3.8	2.5	30.6	3636	5.0	44	1	75	10.0	85	1200	542
844802	24A08	434970	6242180	12.9	1	12.6	318	2.6	1.9	19.7	3798	4.3	52	1	54	7.0	64	570	299
844805	24A08	435000	6243900	12.5	1	11.3	281	1.8	1.2	16.3	3617	3.4	51	1	31	4.5	54	710	279
844811	24A08	433500	6242000	10.8	1	11.7	292	4.0	2.2	23.5	3248	4.6	38	1	62	6.3	60	710	390
844813	24A08	433500	6241500	11.4	1	10.6	304	2.2	1.5	15.8	3424	3.6	40	1	44	4.9	49	790	322
844815	24A08	434000	6241510	11.2	2	17.1	283	6.4	3.1	26.4	3470	5.3	37	1	91	12.0	91	1200	689
844817	24A08	433550	6241050	12.1	1	16.1	286	3.0	2.3	21.7	3550	4.0	33	1	61	7.4	61	990	324
844819	24A08	433580	6240390	10.1	2	21.3	280	7.5	3.6	29.4	3265	6.6	32	1	117	18.0	120	1700	1078
844821	24A08	434000	6240350	11.2	1	14.9	285	2.3	2.4	18.2	3307	3.9	32	1	67	7.7	52	800	356
844822	24A08	433520	6240000	12.5	1	14.3	308	3.5	2.1	21.0	3662	4.6	37	1	63	9.2	65	880	474
844825	24A08	437060	6238000	11.9	1	10.2	319	1.5	1.4	11.1	3799	2.9	35	1	37	4.3	34	810	241
844827	24A08	437000	6239250	13.0	1	14.9	318	2.0	1.6	15.2	3902	3.3	40	1	40	4.7	49	720	245

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
844829	24A08	437000	6240000	11.7	1	17.5	303	3.0	2.0	16.2	3544	3.9	35	1	54	7.5	63	920	359
844830	24A08	437000	6240530	11.5	2	28.9	273	7.4	4.7	40.8	3559	8.4	32	1	165	18.0	121	1900	1064
844831	24A08	437000	6240980	9.7	1	11.3	268	3.8	1.9	17.6	2939	3.7	32	1	56	7.4	54	1000	488
844834	24A08	437000	6241530	11.1	2	20.5	296	7.7	3.5	30.0	3411	6.3	36	1	107	15.0	109	1500	864
844836	24A08	437000	6242110	11.1	1	16.3	303	5.4	2.6	23.2	3395	4.9	38	1	70	10.0	74	1100	537
844838	24A08	436000	6241660	11.3	1	18.2	279	6.1	2.9	28.7	3372	5.4	34	1	80	11.0	81	1200	600
844839	24A08	435830	6240680	11.4	1	12.2	324	2.5	2.0	16.0	3678	3.8	34	1	53	6.6	43	960	371
844842	24A08	436000	6240000	11.8	2	19.8	278	7.1	3.2	29.2	3763	5.5	35	1	107	13.0	128	1600	974
844843	24A08	436000	6239710	13.7	1	22.4	307	2.5	3.1	22.9	3937	5.7	39	1	80	8.6	67	750	290
844845	24A08	436510	6243680	11.4	1	10.0	289	1.8	1.1	11.8	3363	2.7	49	1	29	4.1	40	600	210
844847	24A08	437000	6244000	12.6	1	13.5	296	2.5	1.4	16.4	3868	3.5	50	1	35	4.7	46	790	274
844848	24A08	436910	6245050	11.2	1	8.2	300	2.2	1.4	15.2	3353	3.4	42	1	34	3.6	42	590	248
844850	24A08	436330	6244900	10.4	1	8.0	297	1.6	1.3	12.8	3034	3.0	40	1	29	3.9	39	570	221
844853	24A08	434800	6244750	10.5	1	6.6	282	1.4	0.8	11.6	2995	2.5	42	1	22	2.8	36	460	158
844854	24A08	434440	6245350	11.8	1	8.1	286	1.4	1.2	15.2	3357	3.2	46	1	26	3.4	40	560	204
844856	24A08	433500	6244750	13.3	1	10.0	311	1.8	1.3	16.9	3956	3.6	51	1	30	3.8	47	690	223
844858	24A08	432650	6244460	11.7	1	8.4	271	1.3	1.1	15.2	3363	3.2	48	1	28	4.0	35	820	261
844860	24A08	432540	6243800	11.7	1	10.0	296	1.6	1.2	15.9	3553	3.5	46	1	30	3.9	36	650	250
844862	24A08	432660	6243270	14.7	2	15.1	269	2.2	1.9	33.0	5232	6.2	69	2	53	6.1	65	1400	493
844865	14D05	463800	6245900	11.5	1	7.8	314	1.5	1.2	10.5	3805	2.6	39	1	34	3.8	37	700	232
844866	14D05	463920	6245890	14.5	1	14.5	318	2.6	1.8	14.8	5553	4.2	50	1	48	6.9	43	1100	376
844868	14D05	464680	6246030	11.4	1	12.3	326	2.0	1.5	10.8	3876	2.9	39	1	35	4.5	35	1000	246
844870	14D05	465450	6246150	11.2	1	8.9	319	1.9	1.3	11.4	3771	2.9	40	1	33	4.0	34	910	247
844871	14D05	466110	6245960	10.7	1	7.4	305	1.5	1.0	8.5	3590	2.2	37	1	31	3.6	32	690	222
844873	14D05	466400	6245840	12.5	1	10.3	316	1.8	1.5	14.1	4116	3.3	44	1	35	4.4	38	830	235
844874	14D05	467000	6246000	11.3	1	11.9	314	1.8	1.4	10.4	3723	3.0	36	1	39	4.6	32	740	192
844875	14D05	467920	6246200	12.1	1	11.0	321	1.8	1.4	11.7	3935	2.7	39	1	36	4.5	35	790	213
844877	14D05	468650	6246350	11.9	1	9.4	320	1.9	1.4	11.1	4021	2.8	39	1	34	4.8	33	800	233
844879	14D05	468930	6246130	11.4	1	7.8	300	1.4	1.2	10.0	3754	2.3	38	1	32	3.8	35	610	206
844882	14D05	438900	6242100	10.2	2	15.9	277	6.6	2.7	20.4	3188	5.1	33	1	78	12.0	80	1500	662
844884	14D05	439000	6241450	10.3	2	23.1	262	6.1	3.2	21.9	3191	5.0	29	1	91	13.0	88	1400	693
844886	14D05	439120	6240670	11.2	1	18.2	292	3.1	2.1	17.1	3447	4.2	34	1	58	7.5	60	990	385
844888	14D05	439020	6239830	11.1	1	8.9	302	2.0	1.5	12.1	3408	3.1	34	1	41	4.5	45	830	272
844890	14D05	439000	6239000	11.1	1	8.8	300	1.8	1.3	11.5	3762	3.1	29	1	31	4.5	33	830	226
844892	14D05	439010	6238460	13.5	1	11.9	323	1.9	1.8	14.5	4136	3.2	39	1	42	5.0	43	900	223
844893	14D05	462730	6257970	14.2	1	6.8	323	1.1	0.9	10.5	3815	1.9	65	1	21	2.2	46	500	159
844895	14D05	459370	6250850	9.2	1	13.3	268	5.4	2.3	18.0	3100	4.4	35	1	69	10.0	58	1200	553
844897	14D05	463850	6244570	14.8	1	9.2	318	2.2	1.3	12.8	4114	3.0	60	1	36	4.8	51	890	270
844899	14D05	462910	6240060	12.0	1	11.0	310	1.6	1.3	10.2	4152	2.6	42	1	32	4.3	36	910	223
844900	14D05	465700	6238270	14.1	1	14.2	332	1.8	1.6	13.5	4610	3.5	52	1	38	4.7	47	890	205
844902	14D05	462530	6238530	13.7	1	12.8	321	1.7	1.5	11.8	4642	2.7	48	1	35	4.6	40	950	232
844911	14D05	450920	6240860	11.3	1	13.3	294	1.8	1.5	12.2	3924	3.3	36	1	38	4.6	36	1100	272
844912	14D05	445150	6241300	12.3	1	14.5	336	1.6	1.5	17.4	3901	3.9	45	1	32	3.7	36	840	213
844914	14D05	447420	6231920	11.7	1	9.0	304	1.6	1.3	10.2	4193	2.9	39	1	38	3.6	34	980	279
844915	14D05	449660	6235170	14.0	1	11.3	302	2.0	1.6	13.7	5009	3.4	49	1	43	4.7	48	1100	256
844917	14D05	438050	6237300	12.3	1	10.9	301	2.0	1.6	12.9	4065	3.3	37	1	42	5.0	42	1100	277

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
835002		441340	6238900	12.1	1	10.0	302	1.6	1.4	12.2	3772	2.7	35	1	38	4.8	38	870	219
835005		441340	6238760	11.6	1	7.9	308	1.5	1.1	8.1	3956	2.4	33	1	31	4.3	32	930	249
835007		441320	6238930	13.2	1	10.6	318	1.7	1.5	13.6	4049	3.2	39	1	38	4.4	45	680	189
835009		433930	6235240	8.9	2	8.4	153	1.1	1.0	16.1	3645	3.7	35	1	34	2.4	36	1	106
835012		432450	6235730	14.4	1	11.1	297	1.6	1.6	13.3	4380	3.1	42	1	47	5.5	51	860	262
835021		435750	6237290	12.5	1	7.8	314	1.4	1.2	9.4	4172	2.6	39	1	42	4.6	39	870	289
835033		430300	6241650	10.5	2	27.4	284	6.2	7.6	76.1	3178	9.2	35	1	31.7	31.0	83	990	392
835037		432000	6245040	11.0	1	7.1	295	1.3	1.0	12.4	3157	2.9	40	1	27	2.9	36	590	209
835041		431910	6246170	11.6	1	6.7	306	1.3	0.9	13.2	3302	3.0	46	1	24	2.8	40	510	190
835044		432260	6246860	11.7	1	7.1	308	1.5	0.9	13.5	3314	2.7	48	1	22	2.9	38	450	173
835046		432310	6246700	13.4	1	7.9	363	1.1	1.0	10.7	3821	2.4	63	1	24	3.0	42	420	171
835049		431940	6248030	14.6	1	5.7	391	1.0	0.9	9.0	4773	2.0	80	1	28	2.8	59	470	197
835051		432000	6249980	18.9	1	7.7	354	1.0	0.9	8.8	5034	1.9	92	1	27	3.6	70	300	159
835053		431970	6250970	13.9	1	8.5	305	1.4	0.9	13.0	3472	2.9	57	1	23	3.0	40	440	181
835055		432070	6250950	13.9	1	8.5	296	1.4	1.0	13.5	3504	3.0	56	1	24	3.2	39	550	201
835056		431950	6252070	13.6	1	7.7	309	1.4	1.0	12.0	3520	2.9	54	1	25	4.1	38	600	234
835058		432030	6253040	14.8	1	7.4	309	1.2	1.0	10.5	3749	2.5	62	1	26	3.6	42	630	244
835067		430240	6241530	11.0	1	8.7	292	1.5	1.3	16.6	3309	3.3	37	1	35	4.3	40	620	212
835068		430960	6241705	11.4	1	14.7	285	3.8	2.7	34.7	3396	5.8	36	1	83	10.0	76	810	381
835069		431000	6241000	12.7	2	29.1	300	6.8	6.3	48.0	3867	19.3	46	1	235	25.0	128	1200	824
835070		431000	6240500	13.6	1	22.1	285	3.6	3.4	26.8	3834	7.4	37	1	109	13.0	164	1000	432
835071		431000	6239950	10.9	2	18.8	287	5.8	3.2	24.4	3294	5.2	33	1	100	14.0	88	1300	670
835072		431000	6239500	13.0	1	8.9	297	1.8	1.2	12.8	4030	3.1	51	1	35	4.6	50	680	231
835074		429950	6240130	11.0	2	24.7	271	8.0	4.2	32.7	3439	7.0	33	2	157	22.0	129	1900	1230
835076		429000	6240080	13.4	1	22.3	289	3.2	2.5	27.9	3791	4.8	39	1	58	6.7	67	780	252
835077		429000	6240520	11.6	1	12.2	291	2.5	1.9	21.0	3376	3.8	38	1	60	5.1	58	840	367
835078		429000	6241030	10.8	1	9.3	304	1.6	1.3	13.3	3260	3.4	38	1	32	3.8	37	620	229
835081		432600	6241000	14.0	1	23.1	307	3.1	4.0	30.2	4209	8.8	47	1	137	12.0	92	820	380
835084		432000	6241500	11.0	1	12.1	295	2.8	1.9	17.4	3254	3.7	38	1	55	6.5	54	710	346
835085		432000	6240530	10.1	2	17.0	278	7.0	2.8	23.3	3176	5.1	32	1	99	14.0	107	1300	920
835086		432000	6240000	10.3	3	22.0	281	13.0	4.1	40.1	3397	8.7	32	1	149	26.0	133	2300	1523
835087		432000	6239500	12.7	2	37.8	275	6.1	6.9	38.3	3919	12.2	43	1	253	22.0	150	1400	825
835089		437960	6236250	14.1	1	14.7	332	1.9	1.7	14.6	4374	3.4	46	1	43	5.1	46	860	220
835090		430050	6242000	10.9	1	12.2	300	2.6	2.0	18.1	3952	6.1	34	1	71	8.2	59	740	338
835093		431650	6241930	9.8	1	9.5	291	2.7	1.6	17.7	3018	3.6	35	1	47	4.7	51	710	306
835094		431990	6241980	10.3	1	12.1	295	4.1	2.2	21.4	3208	3.9	37	1	67	7.3	67	770	401
835097		432070	6241850	11.2	1	12.5	307	3.1	2.1	19.6	3316	4.2	41	1	59	6.9	51	770	316
835098		431900	6241850	11.1	1	13.7	298	3.2	2.1	21.8	3271	4.2	41	1	58	6.8	54	750	311
835103		432850	6241880	9.7	1	10.7	291	3.4	2.0	16.5	2919	3.4	35	1	58	6.7	53	700	366
835105		432950	6241340	11.2	1	16.5	284	5.7	2.9	29.3	3460	5.6	36	1	91	12.0	86	1300	806
835107		432870	6241050	13.0	1	12.7	364	2.5	1.7	17.5	3832	3.5	52	1	45	5.8	62	710	256
835190		437990	6237250	12.8	1	12.8	310	1.8	1.4	11.3	4121	2.9	41	1	40	4.5	41	900	263
835191		437980	6238200	12.1	1	11.8	322	1.7	1.5	11.2	3804	2.9	38	1	38	4.8	35	910	228
835192		438020	6239180	12.4	1	14.4	314	1.7	1.7	14.2	3778	3.5	39	1	42	4.7	43	880	218
835193		438000	6239570	11.7	1	10.1	314	2.0	1.6	12.8	3411	2.9	37	1	39	4.6	48	770	230
835194		438000	6241370	10.1	1	13.4	281	6.4	2.5	20.9	3170	5.1	31	1	76	11.0	77	1400	695

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
835195		437940	6241830	11.9	1	17.2	322	4.1	2.6	26.1	3542	4.7	43	1	80	10.0	82	950	511
835196		438100	6242830	12.3	1	10.8	279	3.2	1.5	18.5	3724	3.9	49	1	47	6.6	57	940	357
835197		438040	6242960	13.7	3	7.1	297	1.6	1.6	18.1	4287	3.0	66	1	34	2.7	57	640	229
835198		435840	6242230	11.8	1	18.6	289	5.1	2.8	26.8	3431	4.8	41	1	90	11.0	84	1100	507
835199		436050	6243000	14.2	2	6.9	273	1.4	0.9	21.2	4563	3.0	77	1	29	3.3	60	480	232
835200		437920	6244030	11.4	1	13.3	291	2.9	1.9	16.6	3362	3.4	45	1	45	6.2	43	720	277
835910		434400	6244900	11.7	1	10.2	291	1.4	1.1	13.8	3346	3.0	47	1	28	3.4	40	460	188
835912		433900	6245300	9.9	1	5.8	282	1.0	0.9	10.3	2860	2.4	38	1	24	2.6	32	550	224
835915		433950	6246350	10.6	1	10.4	299	1.3	1.0	12.8	3038	3.0	42	1	24	3.0	30	570	197
835919		433420	6246500	11.7	1	7.9	298	1.4	1.1	14.2	3227	3.6	47	1	25	3.5	37	470	190
835921		434000	6247100	11.9	1	7.2	303	1.3	0.9	11.4	3285	2.6	52	1	23	3.2	37	560	212
835924		434000	6248050	14.2	1	7.9	313	1.3	0.9	9.3	3744	2.1	64	1	25	3.3	48	540	157
835925		429450	6248220	14.4	1	9.0	318	1.4	1.0	12.7	3546	2.6	57	1	24	3.9	41	440	172
835927		429650	6248350	14.0	1	7.7	304	1.5	0.9	13.3	3540	2.8	59	1	24	3.7	44	480	176
835928		430110	6249050	15.4	1	7.3	296	1.3	0.8	10.6	3697	2.2	69	1	22	2.6	58	290	143
835929		430550	6249200	14.8	1	9.1	313	1.6	1.1	15.8	3830	3.6	63	1	24	3.7	52	430	165
835931		430050	6251000	14.9	1	10.0	341	1.2	1.2	12.3	4008	2.7	67	1	28	4.0	44	480	195
835933		429900	6251700	13.9	1	8.9	308	1.4	1.0	12.1	3469	2.6	57	1	22	3.0	41	500	182
835934		429900	6252000	14.1	1	7.5	312	1.3	1.0	13.1	3468	3.1	54	1	25	2.6	36	490	226
835935		432000	6254000	15.1	1	5.6	266	1.1	0.7	8.2	4621	2.0	86	1	19	2.4	45	370	174
835936		431950	6255000	15.1	1	7.0	309	1.2	0.9	10.1	3566	2.1	62	1	24	3.0	41	500	178
835937		431800	6255850	15.6	1	7.5	319	1.2	1.0	10.3	3782	2.6	62	1	25	3.3	44	450	178
835938		430000	6253000	14.9	1	6.8	310	1.4	0.9	12.2	4129	2.9	69	1	22	3.1	40	580	221
835939		430000	6254000	15.6	1	6.1	295	1.2	0.9	8.8	3682	2.0	54	1	23	3.3	37	420	195
835940		430000	6254950	14.8	1	7.2	319	1.2	1.0	10.7	3561	2.5	57	1	24	3.3	38	420	197
835941		428730	6255830	14.8	1	8.2	317	1.2	0.9	10.6	3556	2.4	57	1	24	3.2	38	500	209
835943		428020	6253880	17.8	1	10.0	313	1.3	1.1	11.1	4037	2.3	72	1	26	3.2	49	420	187
835944		427260	6254420	15.9	1	6.4	312	1.4	1.1	11.3	3634	2.4	60	1	25	2.9	44	420	177
835945		427220	6254140	16.4	1	9.3	318	1.6	1.2	14.5	4334	3.4	63	1	27	4.1	42	530	238
835946		428490	6255180	17.1	1	7.7	301	1.2	1.1	10.8	3953	2.3	73	1	25	3.4	47	590	181
835947		434000	6248800	14.8	1	5.1	300	1.1	0.8	10.1	4241	2.2	69	1	28	2.5	42	590	273
835948		433900	6250030	13.6	1	6.3	300	1.4	0.9	12.9	3398	2.7	55	1	21	2.9	43	440	169
835949		434180	6251270	17.5	1	12.6	300	2.1	1.3	20.8	4869	4.9	79	1	30	4.4	52	700	278
835950		433940	6252930	14.6	1	9.0	308	1.5	1.1	13.3	3602	2.9	56	1	24	3.6	38	520	199
835951		434000	6254000	18.1	1	12.3	340	1.6	1.3	12.0	4652	2.8	75	1	30	4.1	46	650	210
835952		436020	6243950	12.6	1	8.1	301	1.6	1.0	12.2	3595	2.7	52	1	31	3.8	45	510	258
835953		436020	6244950	11.5	1	10.1	306	1.7	1.2	13.9	3536	2.9	43	1	31	3.5	32	620	252
835954		435660	6246000	12.3	1	7.3	307	1.7	1.1	14.7	3666	3.3	48	1	26	2.9	37	580	233
835955		436170	6247380	10.4	1	4.4	296	0.9	0.7	8.0	2859	1.8	42	1	22	2.5	33	400	212
835956		436000	6248030	11.3	1	5.8	317	1.3	0.9	11.1	3027	2.3	46	1	20	2.5	35	350	150
835957		436000	6249000	13.8	1	7.8	322	1.4	1.0	13.1	3730	2.4	60	1	24	3.1	45	490	174
835958		435920	6250060	19.4	1	6.1	283	1.4	0.8	6.9	5023	1.7	94	2	24	2.9	64	280	128
835960		435900	6252050	14.7	1	8.3	323	1.4	1.0	11.7	3584	2.8	60	1	25	3.5	41	440	176
835961		435870	6253180	13.7	1	8.5	327	1.4	1.0	12.0	3485	2.8	54	1	23	3.4	38	480	189
835962		438060	6244950	11.8	1	8.6	299	2.1	1.3	13.8	3299	2.8	47	1	34	4.5	46	640	215
835963		437350	6246180	10.4	1	7.9	301	1.3	0.9	11.3	2994	2.5	40	1	23	3.0	30	520	185

Sample	NTS	Easting	Northing	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
835964		438020	6246930	9.6	1	7.8	309	1.3	0.9	11.4	2843	2.8	37	1	22	3.1	26	580	203
835965		437870	6248000	10.0	1	8.2	328	1.1	0.9	9.2	2700	2.2	39	1	20	2.5	26	440	163
835966		438020	6249260	14.7	1	8.1	321	1.6	1.1	14.1	4162	3.1	63	1	27	3.7	39	660	230
835967		438040	6249870	13.6	1	6.5	318	1.4	0.9	11.5	3440	2.4	57	1	22	3.0	44	390	141
835968		438040	6251170	17.1	1	5.2	310	1.2	0.9	8.9	4824	2.3	81	1	29	3.7	46	590	280
835969		437870	6252270	14.9	1	8.2	325	1.3	1.1	10.5	3676	2.4	59	1	24	3.5	36	470	173
835970		437880	6252980	13.6	1	7.0	318	1.4	0.9	11.6	3394	2.5	55	1	24	3.3	36	460	203
835973		432000	6239000	13.7	1	15.1	329	3.5	2.2	19.7	4323	4.5	52	1	70	8.2	68	1300	527
835975		430920	6235440	15.2	1	16.2	344	1.9	1.7	14.4	4520	3.8	52	1	42	5.5	47	930	222
835976		431730	6235090	15.0	1	10.0	314	1.7	1.5	13.5	4474	3.4	48	1	47	3.6	49	940	278
835977		431950	6236120	13.9	1	11.5	312	1.6	1.7	15.2	4067	3.9	40	1	49	5.5	46	830	239
835980		434000	6236940	16.8	1	17.9	293	2.2	2.3	25.0	4585	5.6	52	1	59	6.5	82	550	156
835981		433746	6238030	12.5	1	9.4	316	1.4	1.2	11.7	3686	2.6	42	1	33	3.9	44	550	192
835982		433980	6239030	12.7	1	12.9	318	2.5	1.7	15.2	3591	3.5	40	1	45	6.1	51	820	296
835983		433980	6240230	9.7	1	4.2	275	1.7	0.7	8.4	4060	1.9	38	1	23	2.8	35	610	241
835984		433970	6241170	12.7	1	18.4	280	4.6	2.6	24.5	3382	4.4	34	1	82	11.0	77	1000	514
835985		433980	6241930	10.7	1	14.0	295	4.0	1.8	18.2	3239	4.0	40	1	56	7.8	60	930	426
835986		434030	6243080	14.4	2	8.0	283	1.9	1.2	19.3	4490	3.1	70	2	40	3.0	66	500	254
835988		436000	6235780	15.8	1	12.9	341	1.9	1.9	15.1	4638	4.1	51	1	47	4.5	51	840	218
835989		435990	6238200	13.2	1	11.0	330	1.6	1.6	14.2	3899	3.6	39	1	40	5.1	39	770	221
835990		435870	6238950	14.0	1	11.3	294	1.9	1.7	18.0	3847	4.5	43	1	40	4.9	58	780	240
835991		435520	6239960	11.9	2	26.1	280	8.3	4.7	30.7	3501	7.0	38	1	146	20.0	129	1700	1030
835992		435680	6241000	12.3	1	15.7	344	3.6	2.3	22.4	3705	4.3	42	1	82	8.9	71	1100	541
836001		440030	6234970	14.6	1	13.6	313	1.9	1.7	17.2	4453	3.5	47	1	44	5.0	47	690	193
836002		440060	6236980	14.2	1	16.4	303	2.0	2.0	19.2	4323	5.7	45	1	48	5.6	54	750	189
836003		440090	6239030	12.6	1	14.5	311	1.9	1.6	13.7	3947	3.4	40	1	41	5.3	39	870	226
836004		440040	6240950	11.9	1	18.7	289	3.0	2.3	19.1	3573	4.8	36	1	62	8.0	65	910	345
836006		439960	6244780	11.4	1	17.1	286	3.5	1.9	19.4	3320	3.8	45	1	49	5.7	55	780	281
836007		439820	6247040	9.3	1	5.8	277	1.1	0.9	10.3	2844	2.5	38	1	23	2.7	28	620	195
836009		440100	6251050	16.5	1	6.7	288	1.3	0.9	10.3	4629	2.5	82	1	25	3.0	64	480	196
836010		440040	6252960	14.2	1	7.5	312	1.3	1.0	10.2	3803	2.5	63	1	24	3.3	42	500	180
836012		442040	6234980	13.1	1	11.0	307	1.5	1.4	12.2	4229	3.2	46	1	39	4.5	40	910	228
836013		442210	6237110	12.4	1	11.5	295	1.8	1.5	11.0	4134	2.9	41	1	39	4.8	36	950	242
836014		442040	6238970	13.8	1	14.0	309	1.8	1.8	15.8	4302	3.8	42	1	44	4.9	48	720	202
836015		442000	6241030	11.0	1	11.1	285	2.1	1.5	12.2	3768	3.0	36	1	41	5.6	44	990	318
836016		442040	6242560	10.0	1	16.3	265	5.5	2.3	17.0	3226	4.5	31	1	64	9.5	67	1300	507
836018		441700	6245170	10.9	2	17.8	285	7.5	2.6	21.4	3623	5.5	45	1	81	11.0	74	1500	654
836019		442030	6246960	10.9	1	6.8	287	1.6	1.0	10.7	3258	2.6	40	1	28	3.8	36	580	215
836020		442050	6248820	10.9	1	6.3	311	1.1	0.8	11.1	3142	2.9	47	1	23	2.9	30	600	231
836021		441980	6250950	19.5			352			5848			108		32		79		321
836022		442260	6251080	16.5	1	8.9	314	1.5	1.1	13.3	4403	3.1	73	1	31	4.1	45	550	247
836023		441970	6252970	13.5	1	6.0	318	1.1	0.8	12.1	3370	2.2	59	1	20	2.9	44	370	133
836024		441980	6253960	17.2	1	9.1	324	1.6	1.2	16.2	4524	2.9	77	1	28	3.7	52	510	202
836025		444000	6235000	15.9	1	14.7	326	1.9	1.8	14.7	4860	3.1	54	1	46	5.7	51	820	219
836026		444000	6237000	12.6	1	10.1	302	1.5	1.3	10.0	4134	2.8	40	1	38	4.8	35	940	251
836027		444000	6238980	12.8	1	12.5	313	1.7	1.5	11.8	4060	3.0	41	1	40	5.0	39	930	247

Sample	NTS	Easting	Northing	Se2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 %	Zr2 ppm
836028		444000	6240960	12.7	1	10.0	333	1.6	1.3	12.3	4111	3.2	42	1	38	4.6	41	810	251
836029		444000	6242940	10.8	1	15.6	293	3.6	2.0	15.9	3508	3.8	35	1	58	7.0	59	1200	449
836030		444000	6244960	14.0	2	14.7	285	6.0	2.7	27.9	4989	5.5	68	1	102	8.5	101	1200	621
836031		444190	6245050	14.6	2	16.9	299	6.4	3.1	36.8	5191	6.8	66	2	94	11.0	79	1500	698
836032		443970	6247120	10.7	1	7.3	282	2.2	1.2	12.6	3328	2.9	46	1	41	4.6	46	790	320
836033		444030	6248960	10.3	1	6.8	302	1.1	0.9	11.4	2999	2.7	44	1	23	3.0	29	530	203
836034		444020	6250930	14.7	1	8.0	346	1.4	1.0	12.3	4049	2.5	64	1	27	3.1	40	480	188
836035		444020	6252950	16.2	1	8.2	334	1.5	1.1	14.8	4761	4.6	75	1	29	3.8	44	780	284
836036		443970	6254480	15.2	1	7.0	314	1.4	1.0	11.0	4130	2.4	67	1	25	3.5	44	470	172
836037		444000	6259000	17.8	1	6.0	324	1.1	0.8	10.1	4836	2.0	86	1	26	1.7	58	340	190
836038		444000	6260940	19.5	1	7.5	339	1.4	1.0	7.9	5279	2.2	87	1	28	3.0	54	450	163
836039		446020	6234970	16.3	1	9.2	291	1.7	1.1	15.2	4989	3.2	59	1	38	3.6	53	690	215
836040		446030	6237000	13.8	1	14.1	318	1.7	1.6	14.6	4335	3.1	45	1	42	4.5	45	770	216
836041		446070	6238970	12.4	1	8.6	302	1.6	1.3	14.9	3994	3.0	42	1	40	2.9	41	780	242
836042		446050	6240940	13.1	1	10.0	337	1.5	1.3	11.6	4149	3.1	44	1	38	4.0	39	810	234
836043		446100	6242960	13.7	1	12.9	335	1.8	1.7	19.2	4136	5.2	46	1	45	5.0	53	680	225
836046		445850	6246540	12.8	1	12.3	305	2.8	1.8	21.5	3772	4.6	49	1	51	6.5	57	700	286
836047		446030	6248960	14.8	2	5.3	298	1.5	0.9	13.3	4293	2.3	68	1	33	3.3	63	450	233
836049		446020	6250950	14.2	1	7.7	349	1.3	1.0	10.5	3996	2.3	64	1	25	3.3	39	570	179
836050		445940	6252740	14.8	1	10.0	330	1.4	1.1	12.3	3942	3.4	61	1	25	3.1	42	480	181
836051		446070	6254750	15.7	1	11.2	324	1.7	1.2	15.7	4418	4.6	60	1	27	3.5	47	580	189
836052		446030	6256950	17.9	1	11.8	333	1.7	1.3	14.8	4974	6.7	71	1	30	4.1	52	640	201
836053		446020	6259000	20.2	2	7.6	310	1.4	1.1	13.5	6661	3.0	109	1	30	4.0	67	470	249
836054		446020	6260970	18.4	1	7.2	345	1.3	1.1	8.7	4966	2.9	84	1	28	3.0	54	350	161
836055		447850	6235020	15.2	1	9.4	318	1.7	1.4	10.9	5436	2.8	52	1	46	4.6	48	1100	293
836056		449860	6237420	13.9	1	11.3	311	1.9	1.5	13.0	4936	3.3	47	1	41	5.2	43	1100	291
836057		449860	6239950	12.2	1	8.5	310	1.7	1.4	11.3	4143	2.9	41	1	37	4.4	35	980	253
836058		450000	6245750	9.6	2	15.7	264	5.3	2.5	20.5	3285	4.4	33	1	72	10.0	71	1300	560
836059		450050	6249960	11.4	1	8.2	287	1.9	1.1	14.2	3386	3.5	48	1	27	3.8	39	670	215
836060		450030	6253950	14.7	1	8.7	321	1.5	1.1	12.5	4138	3.0	64	1	25	3.7	38	540	198
836061		450050	6257850	15.0	1	8.2	314	1.3	1.1	7.6	4168	1.7	67	1	27	3.3	53	400	150
836062		450060	6260870	17.9	1	10.0	329	1.4	1.1	10.3	4917	1.9	82	1	26	3.4	60	540	147

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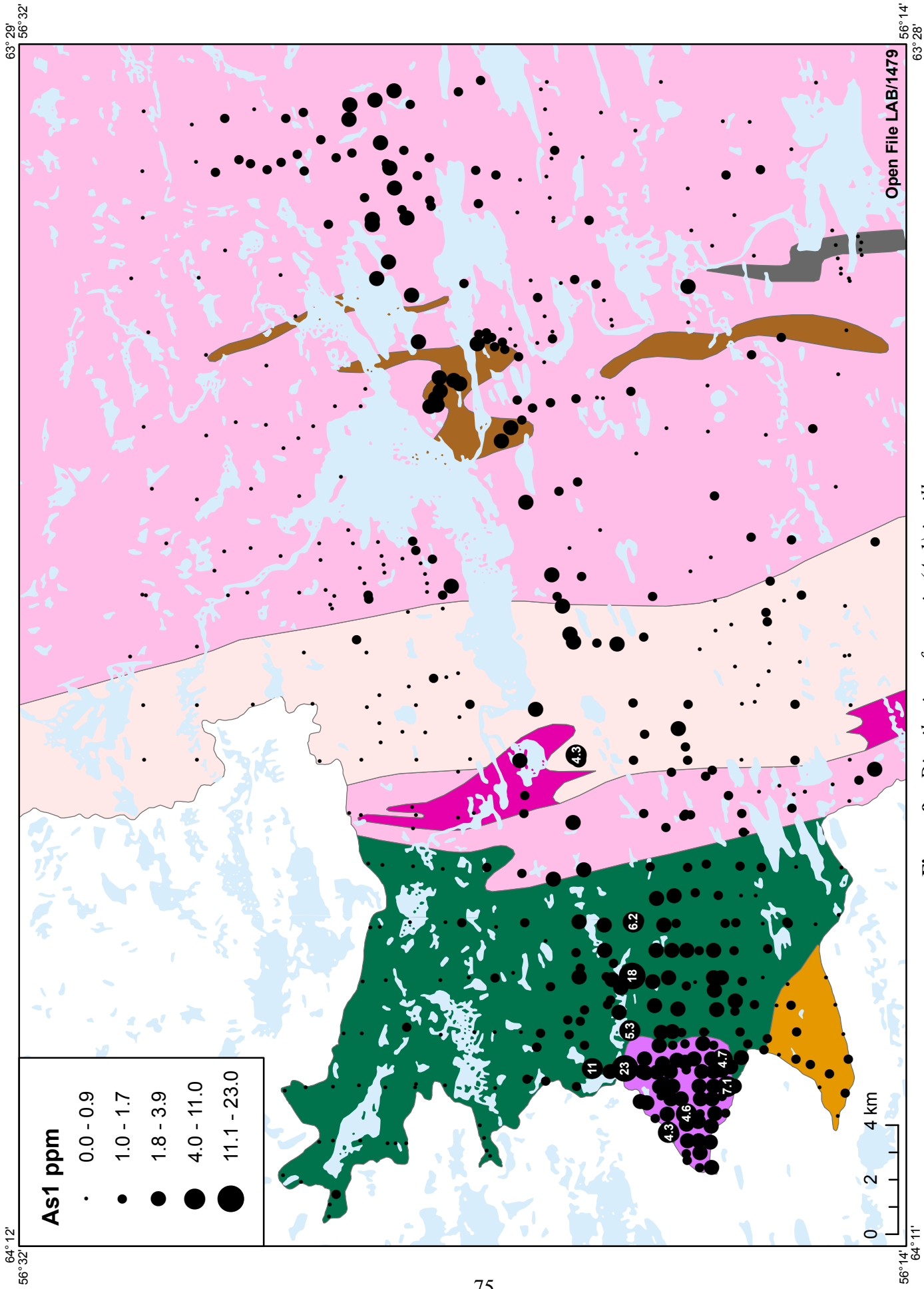


Figure 9. Distribution of arsenic (*As1*) in till.

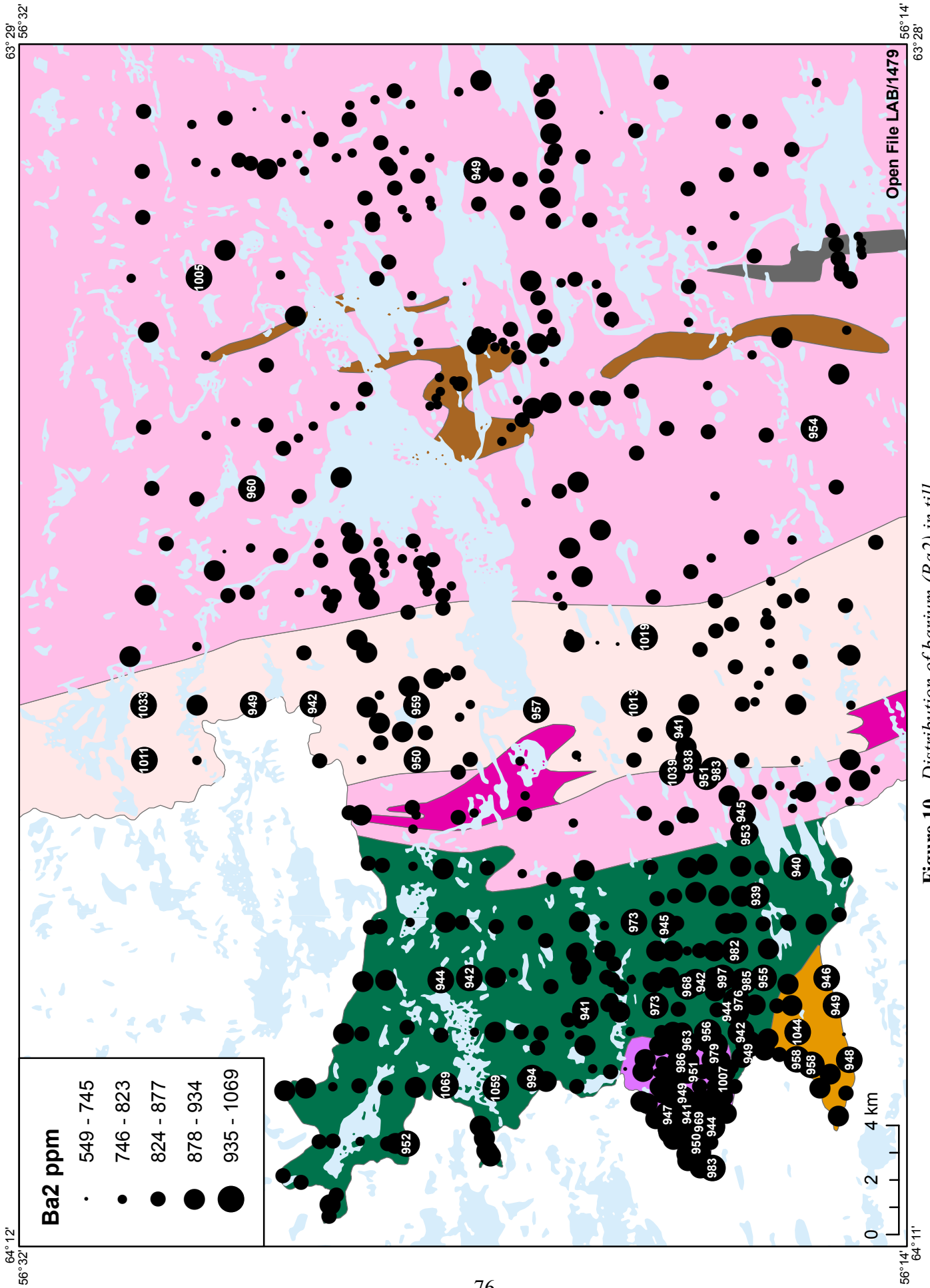


Figure 10. Distribution of barium (Ba_2) in till.

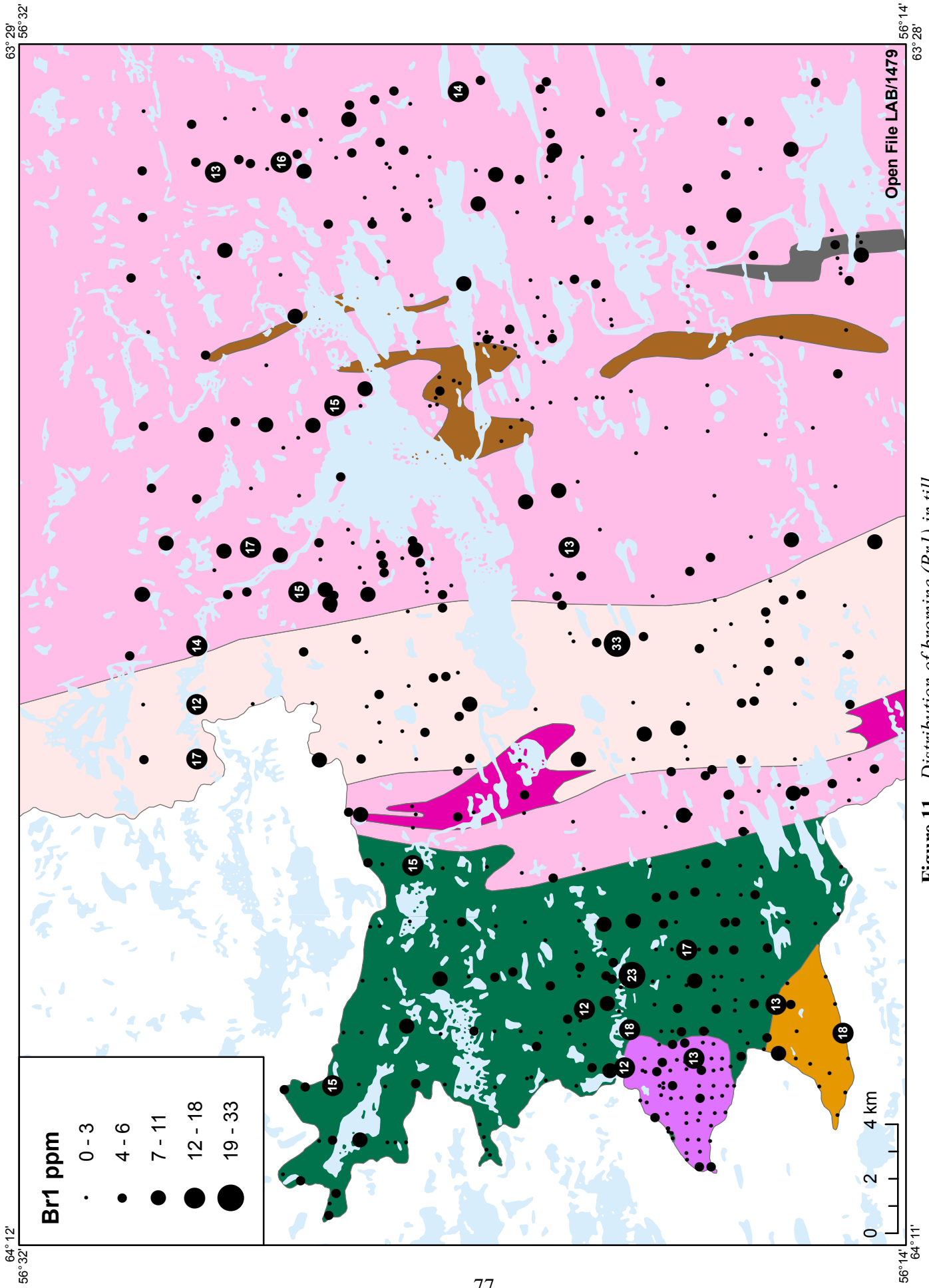


Figure 11. Distribution of bromine (Br1) in till.

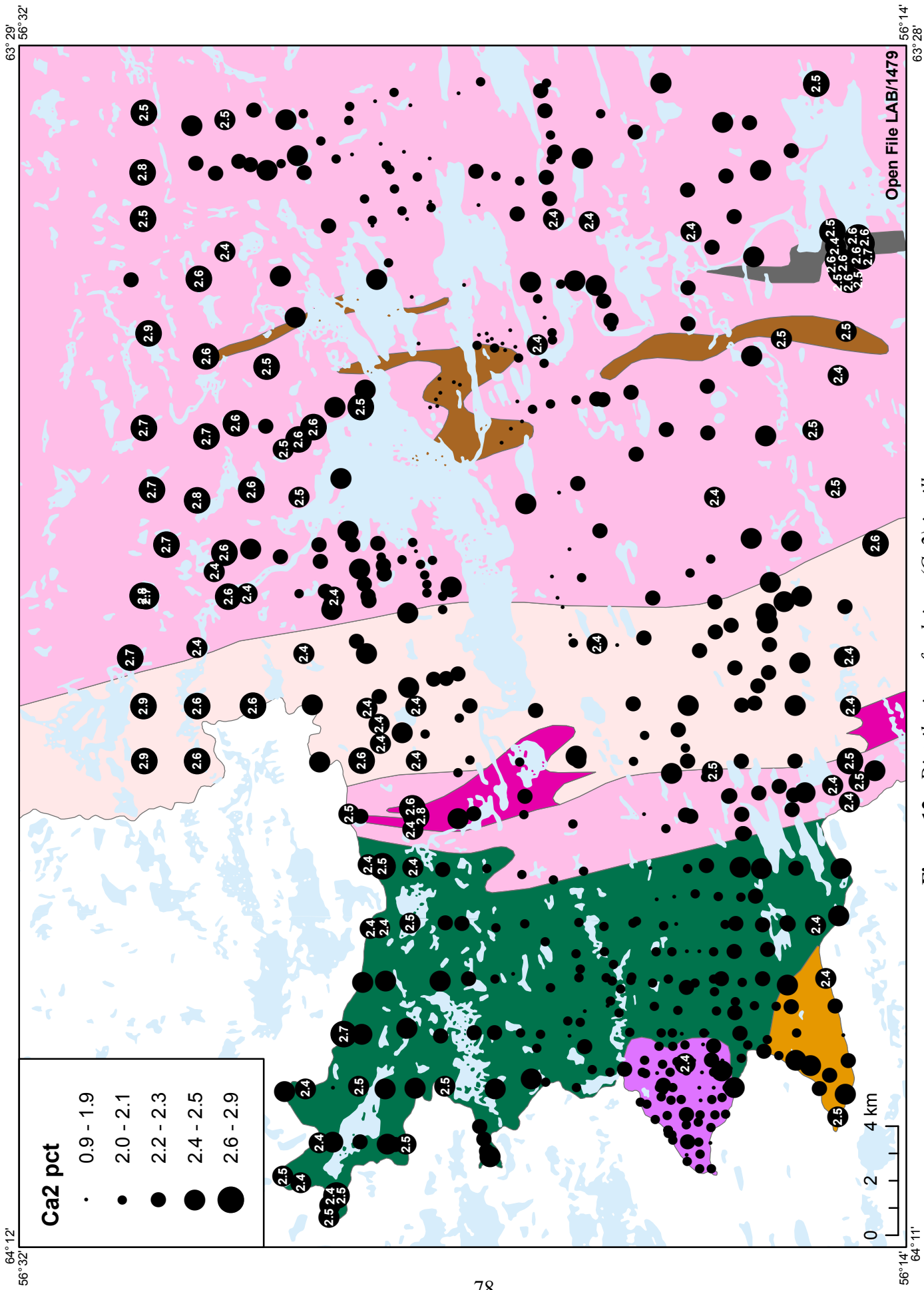


Figure 12. Distribution of calcium (Ca₂) in till.

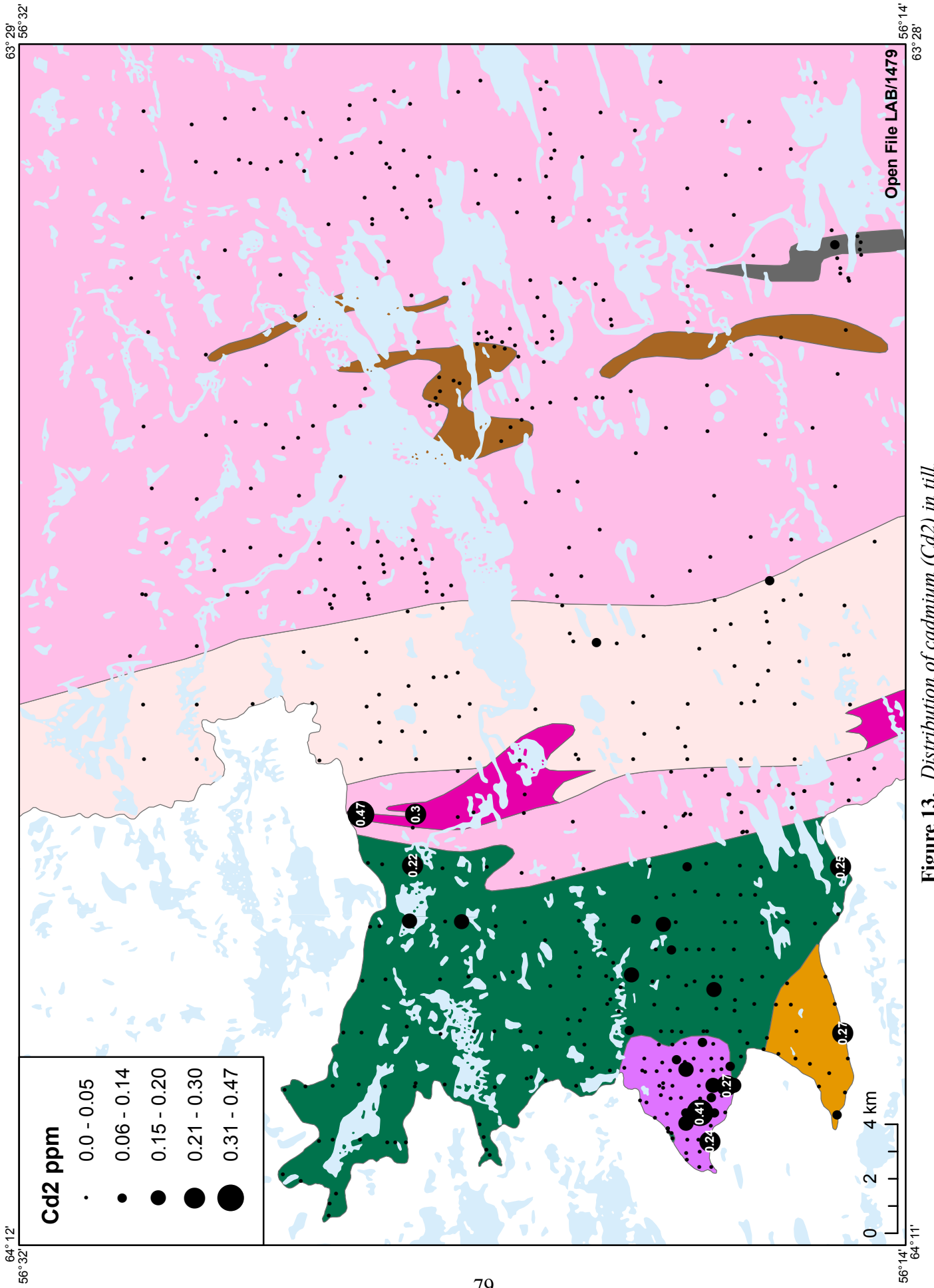


Figure 13. Distribution of cadmium (Cd2) in till.

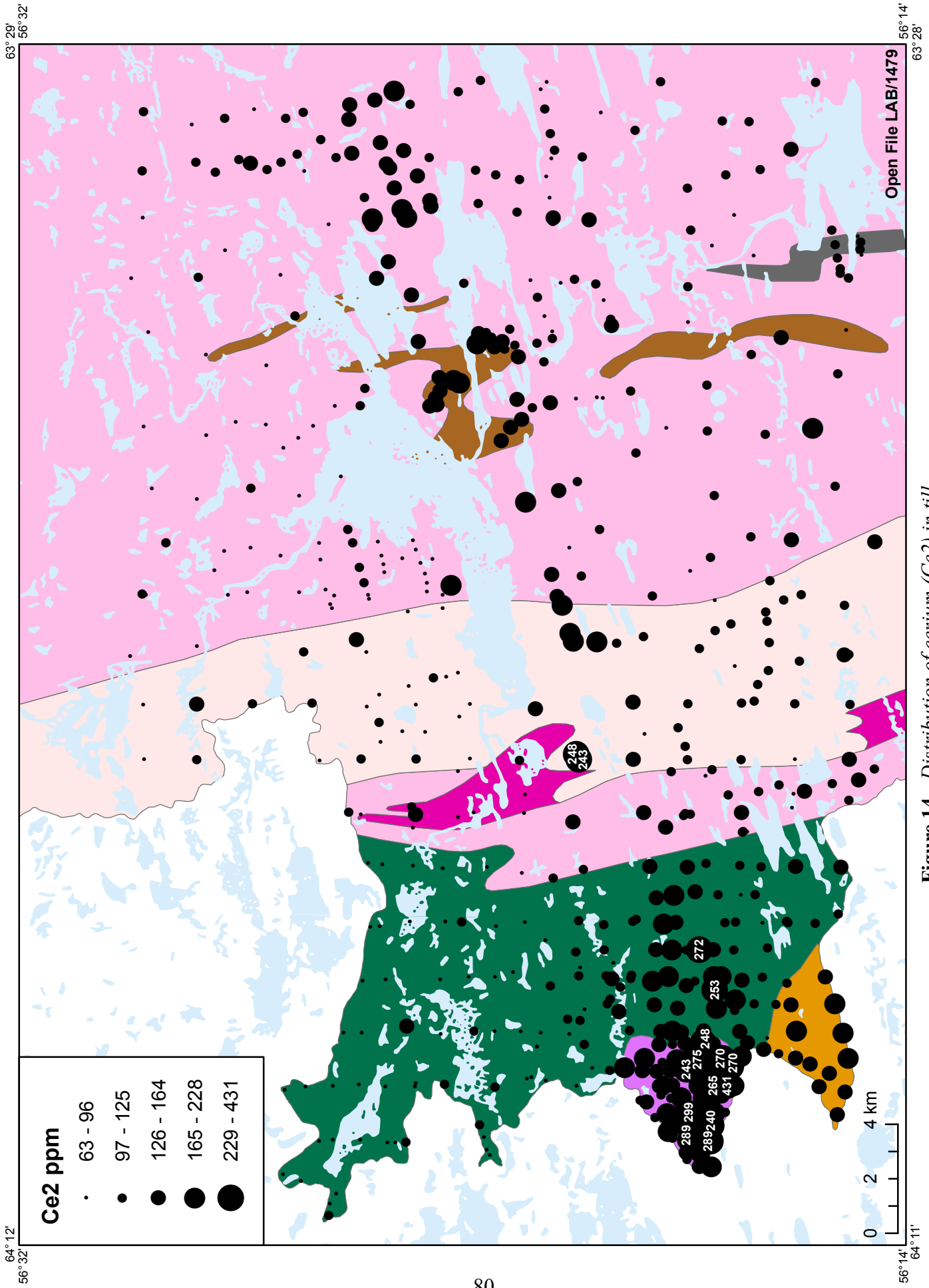


Figure 14. Distribution of cerium (Ce2) in till.

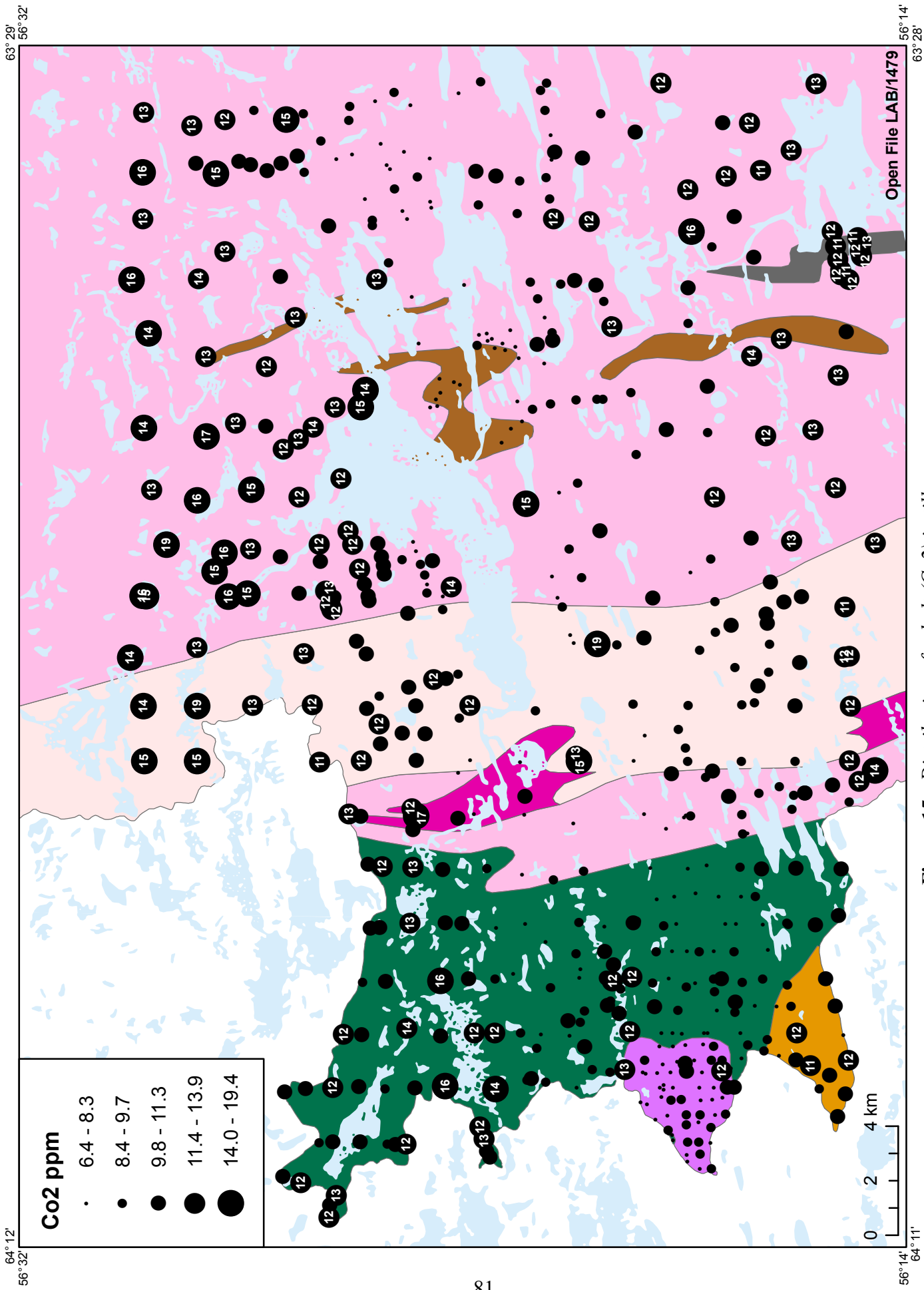


Figure 15. Distribution of cobalt (Co2) in till.

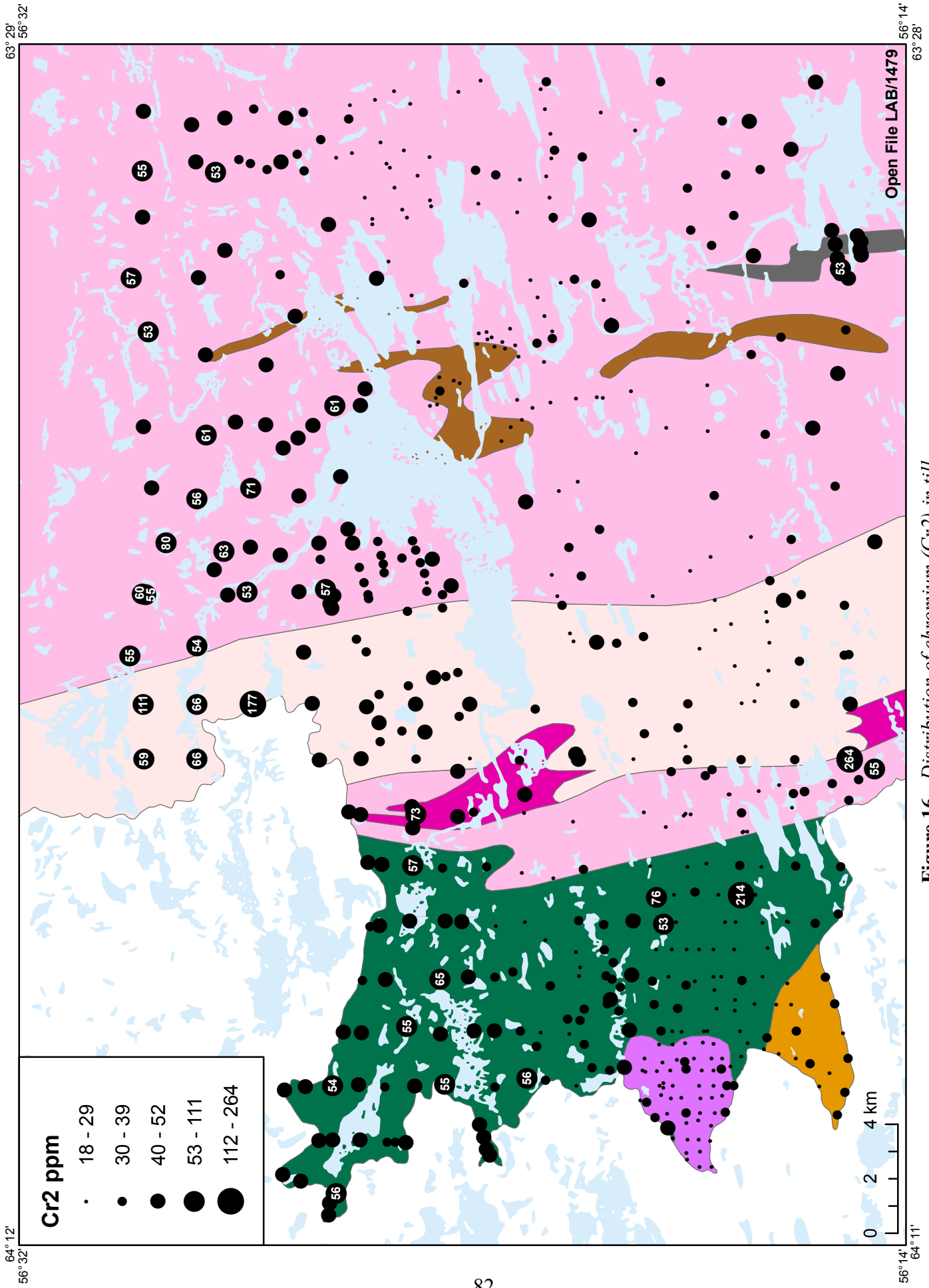


Figure 16. Distribution of chromium (Cr₂) in till.

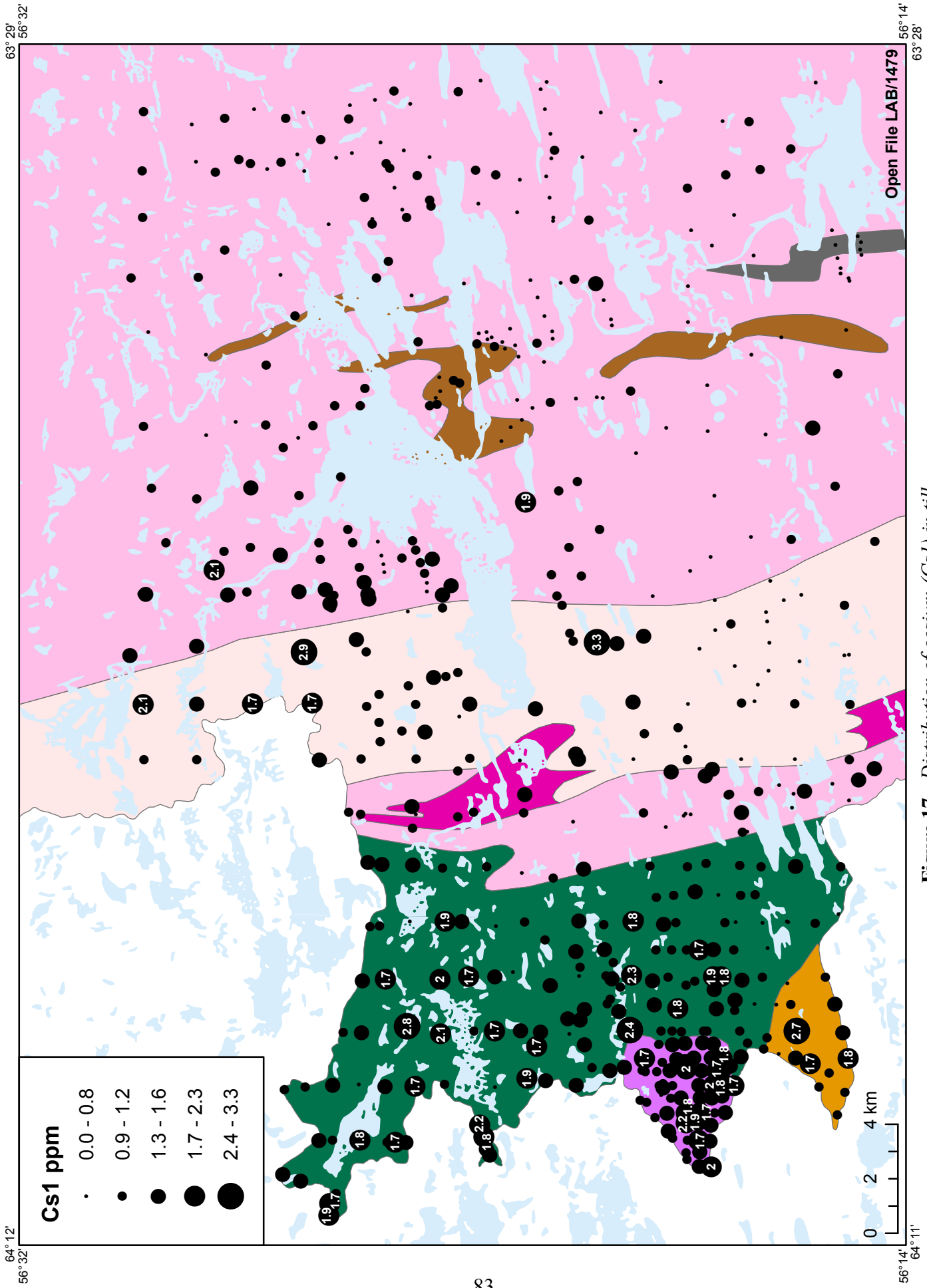


Figure 17. Distribution of cesium (Cs1) in till.

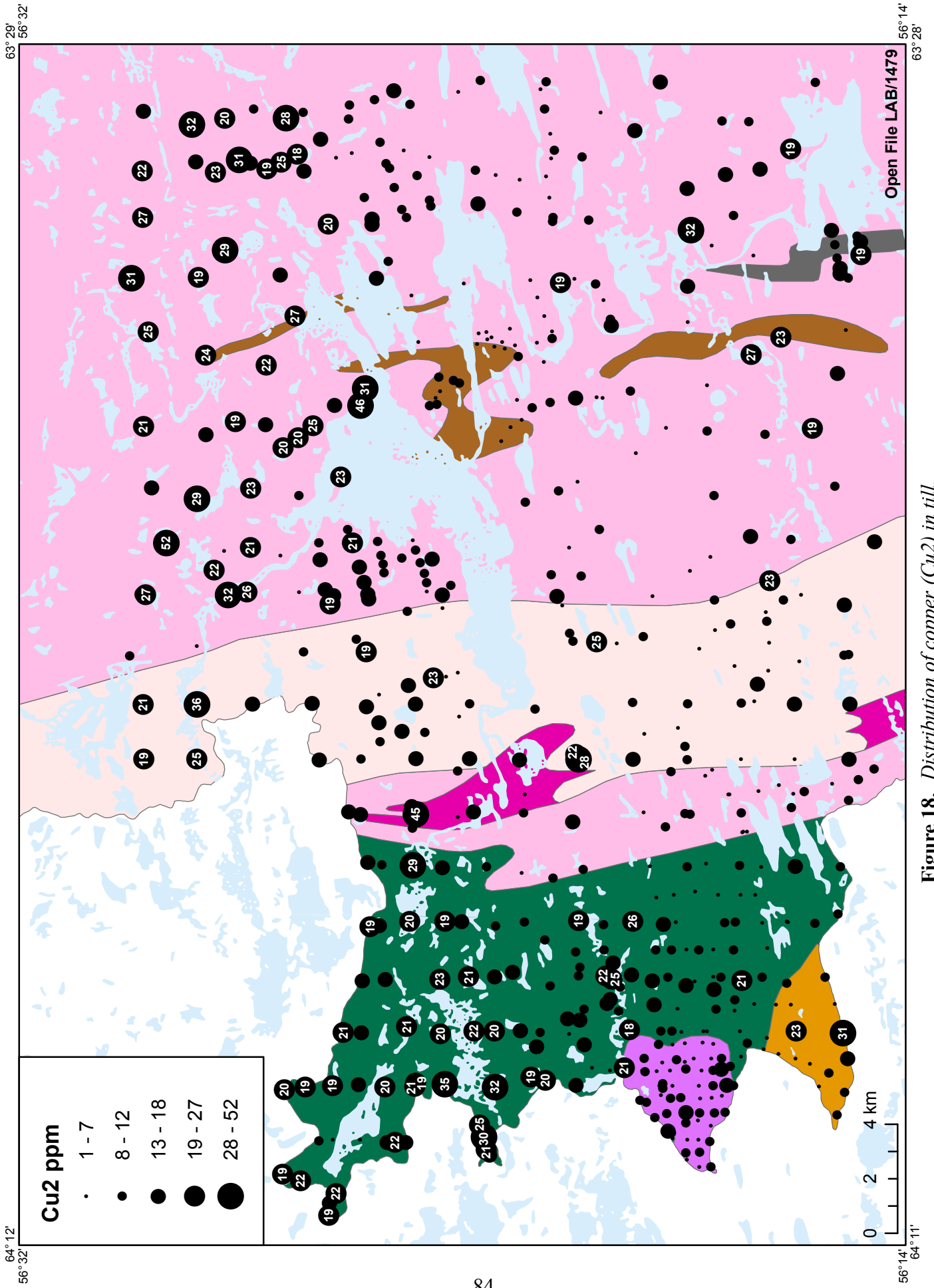


Figure 18. Distribution of copper (Cu₂) in till.

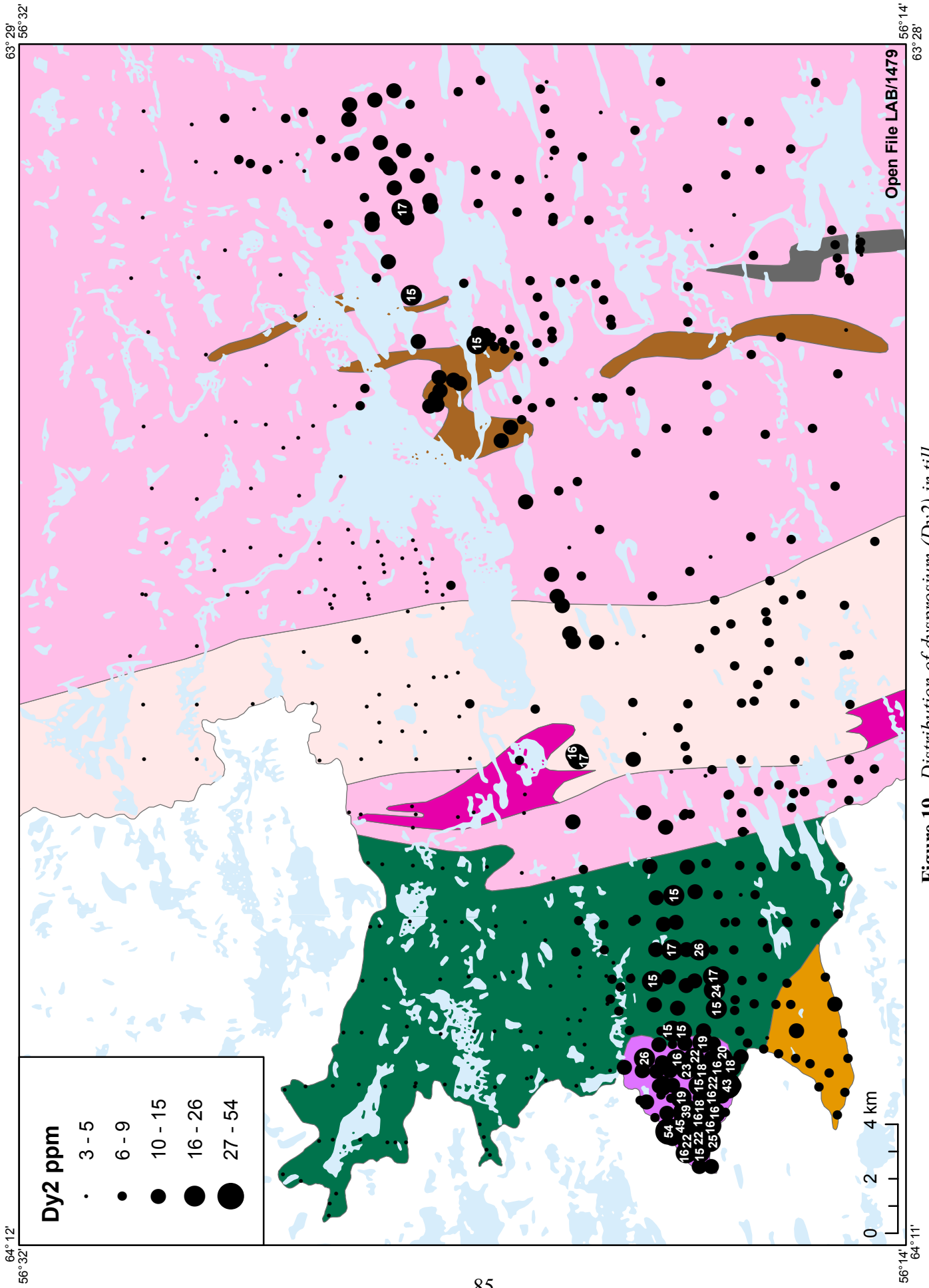


Figure 19. Distribution of dysprosium (Dy2) in till.

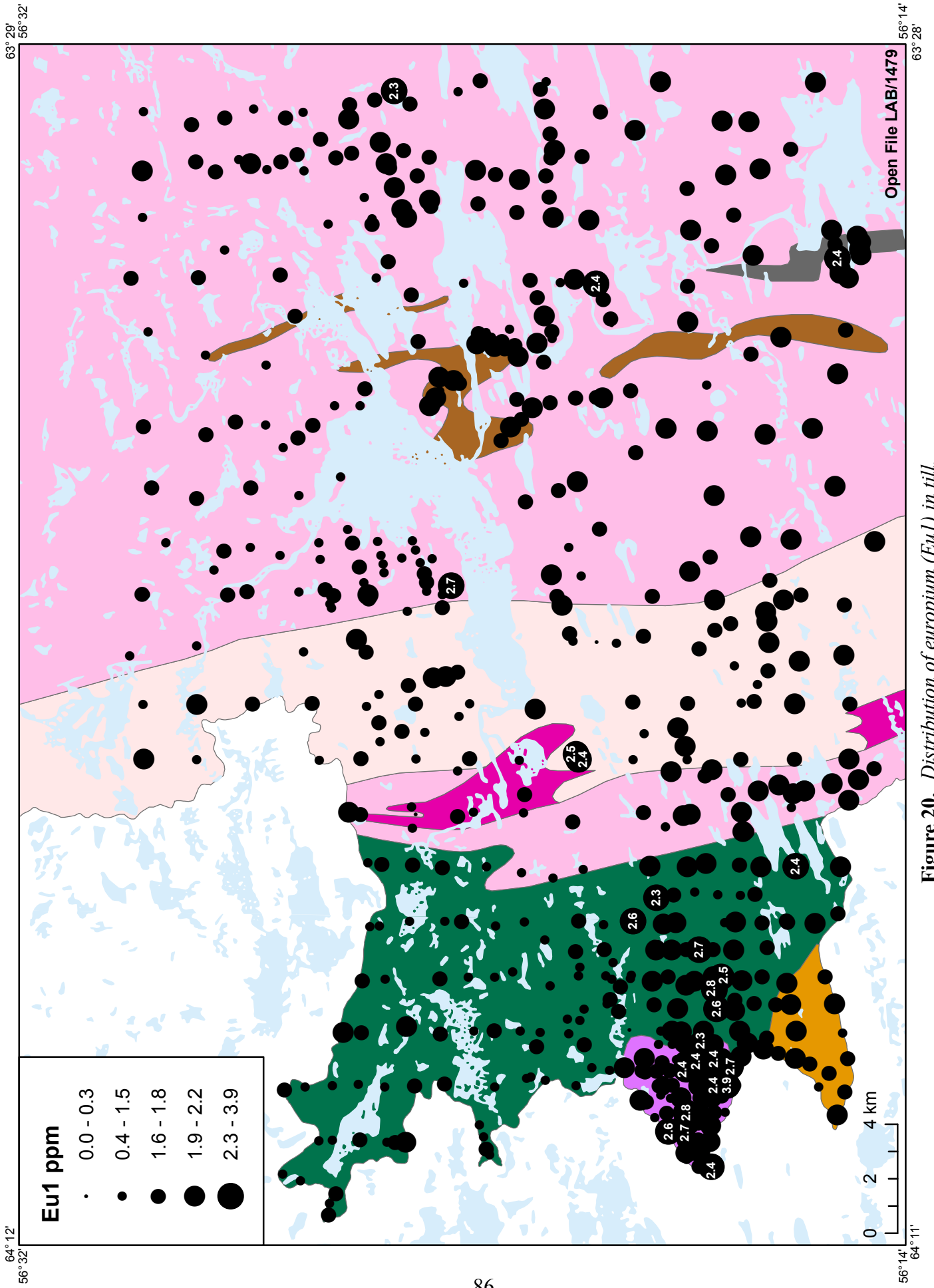


Figure 20. Distribution of europium (Eu1) in till.

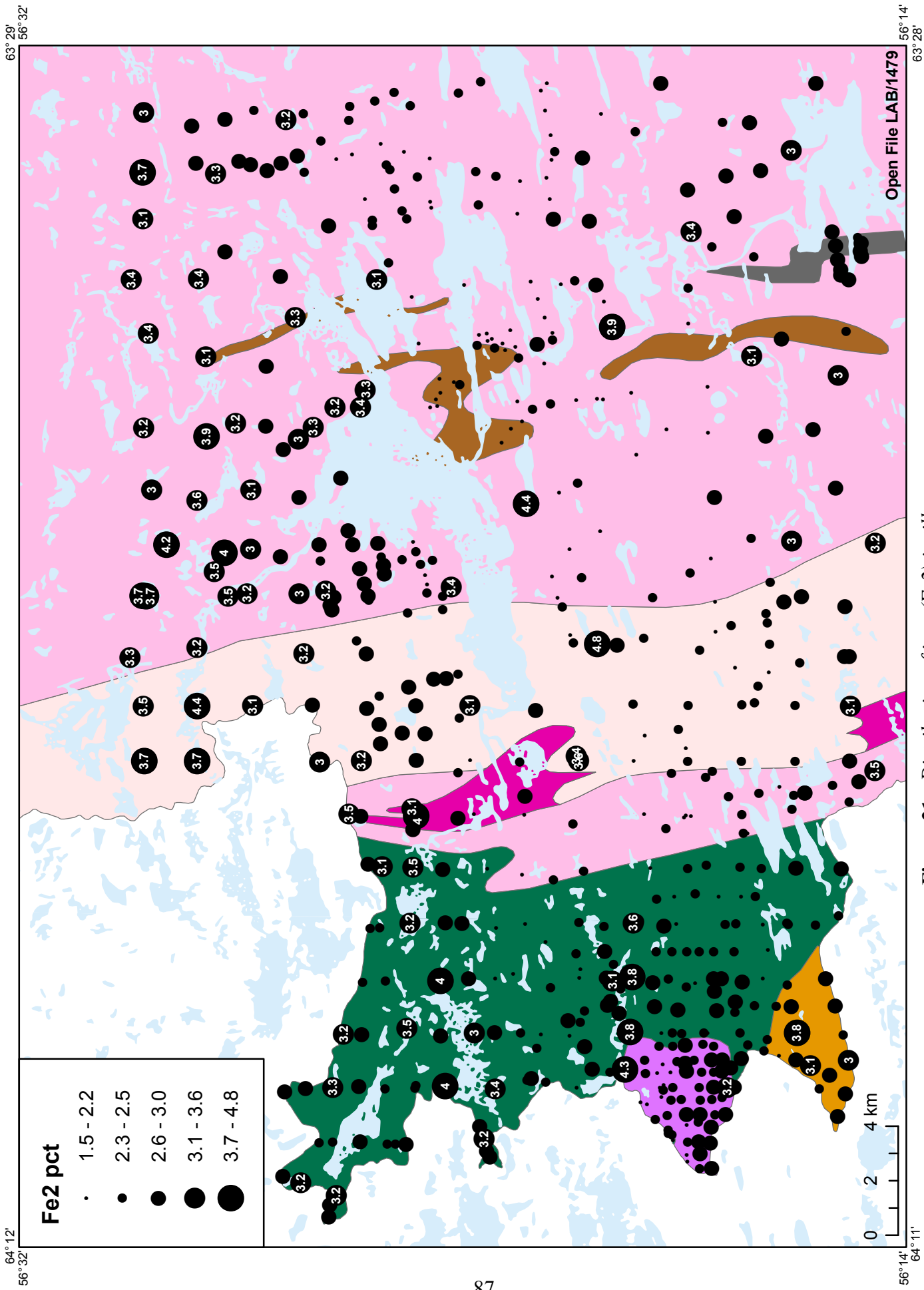
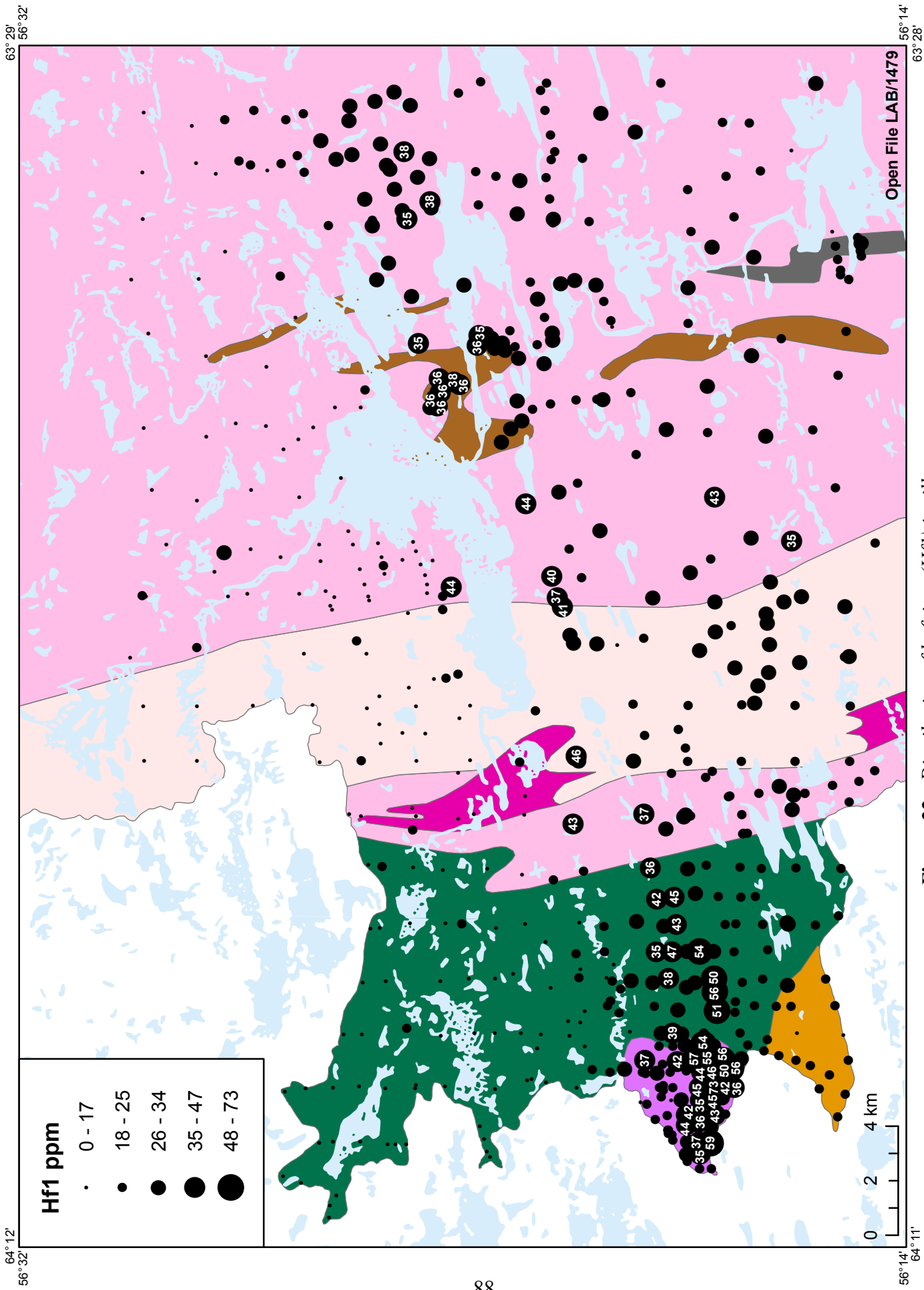


Figure 21. Distribution of iron (Fe₂) in till.



64° 32'
56° 32'

63° 29'
56° 32'

56° 14'
64° 11'

56° 14'
63° 28'

Figure 22. Distribution of hafnium (HfI) in till.

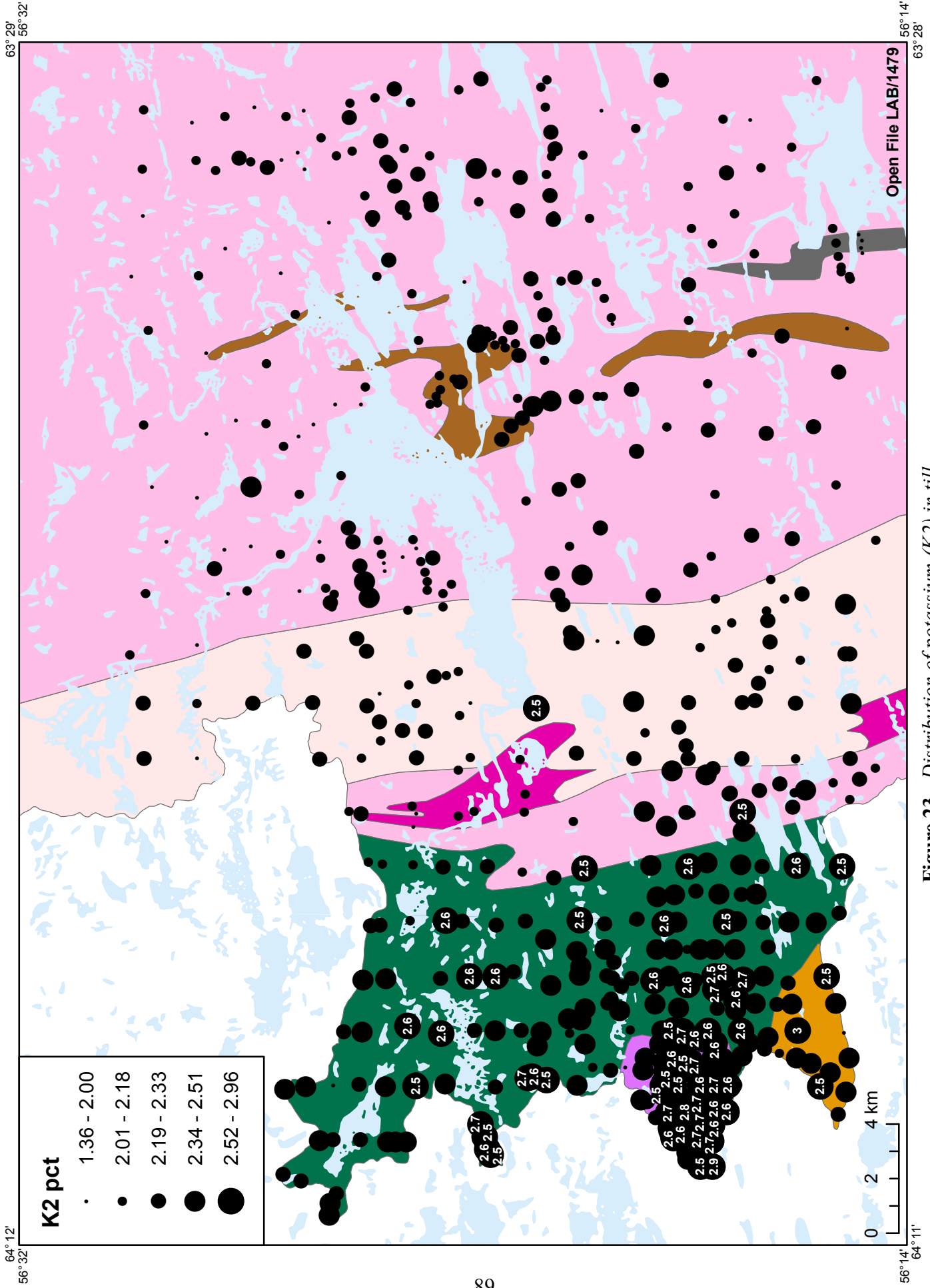


Figure 23. Distribution of potassium (K2) in till.

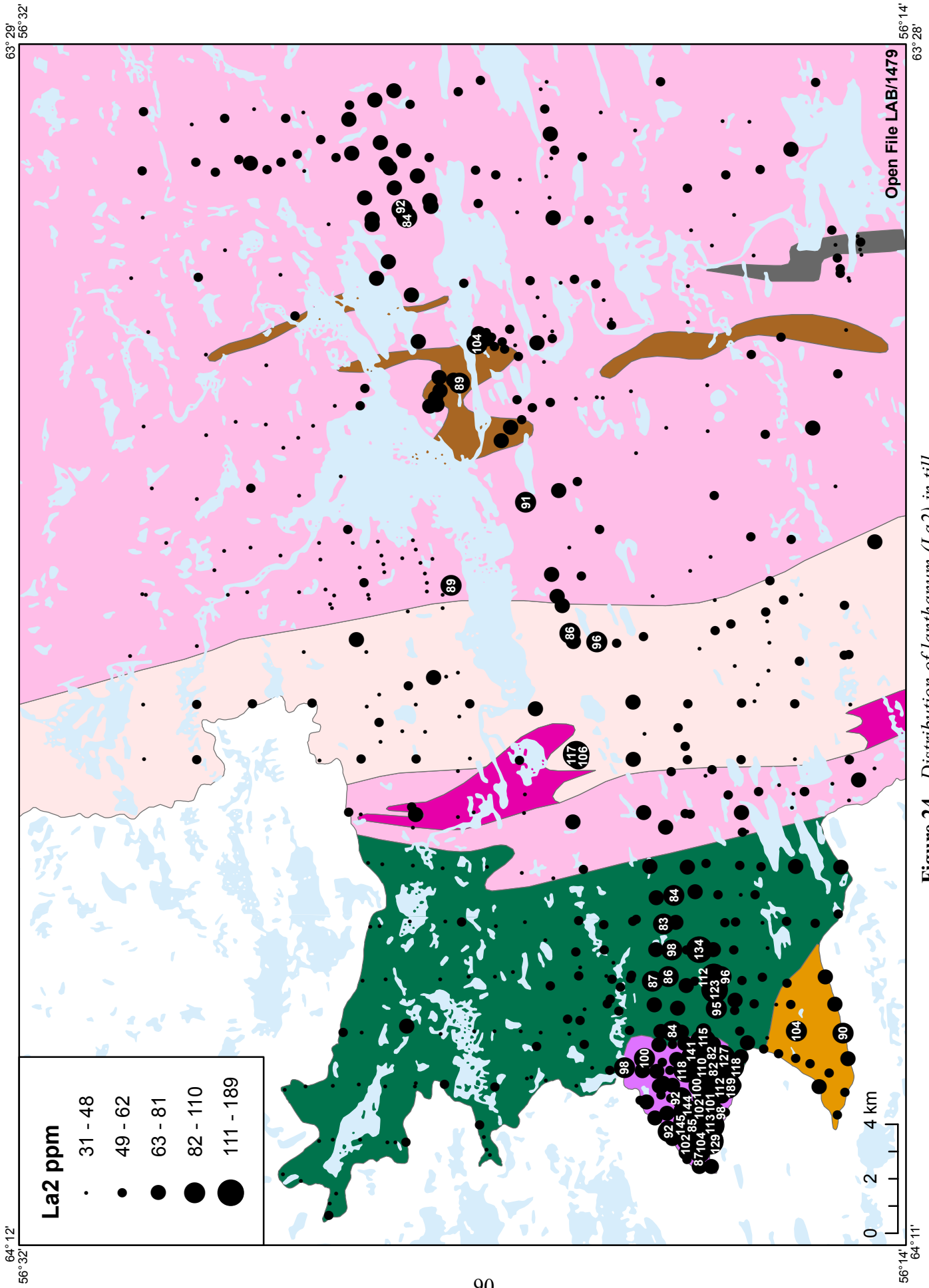


Figure 24. Distribution of lanthanum (La2) in till.

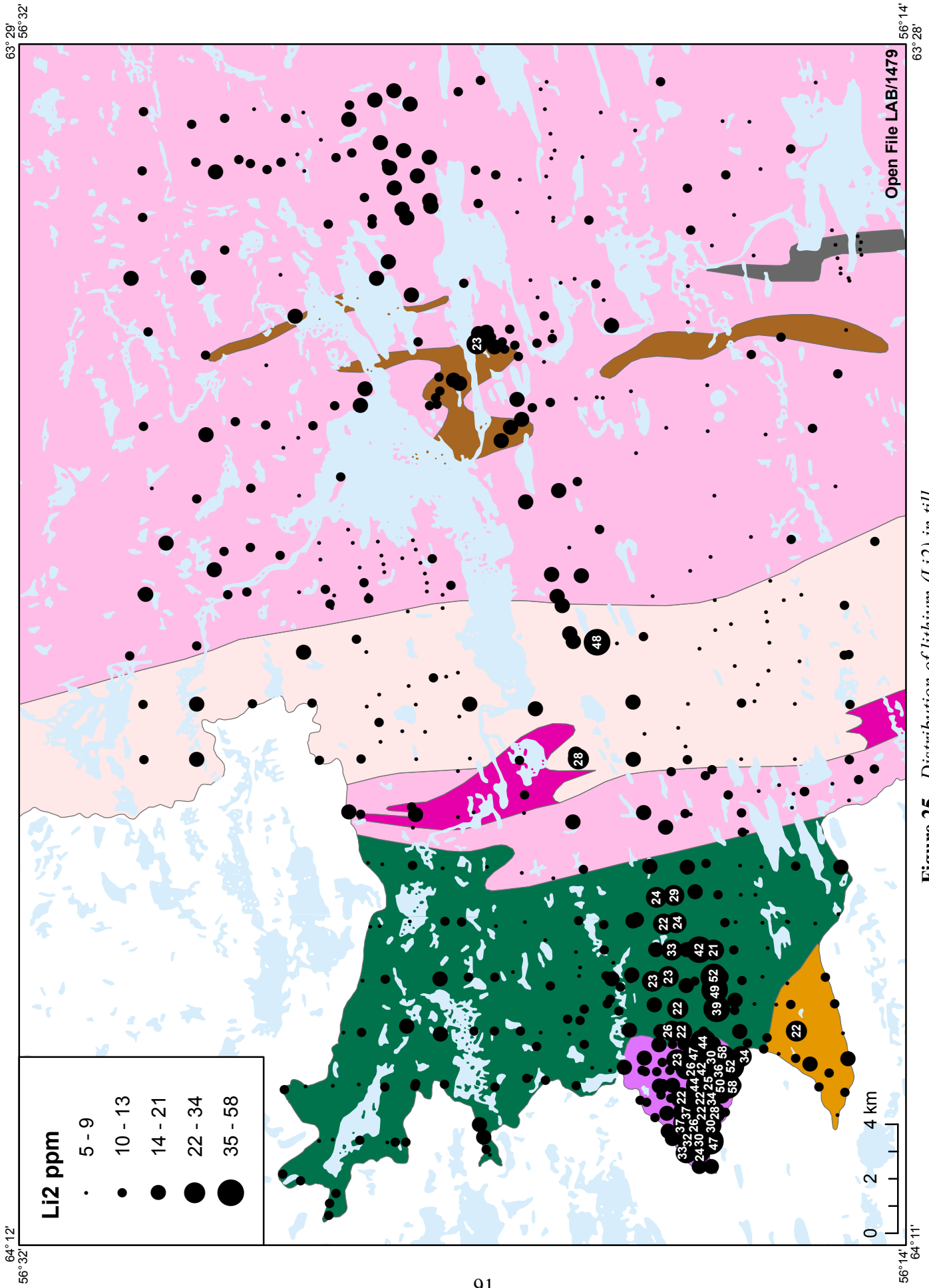


Figure 25. Distribution of lithium (Li2) in till.

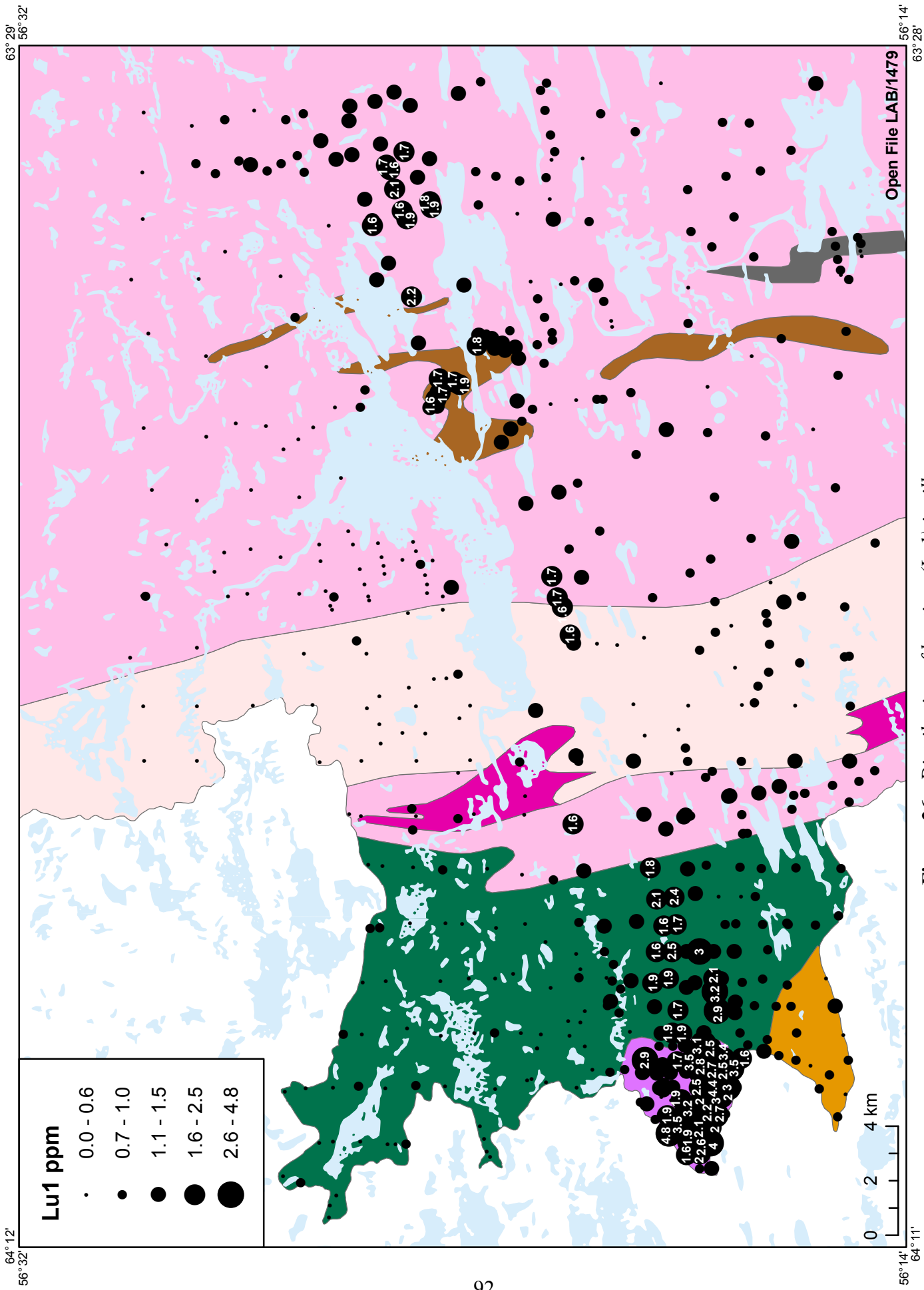
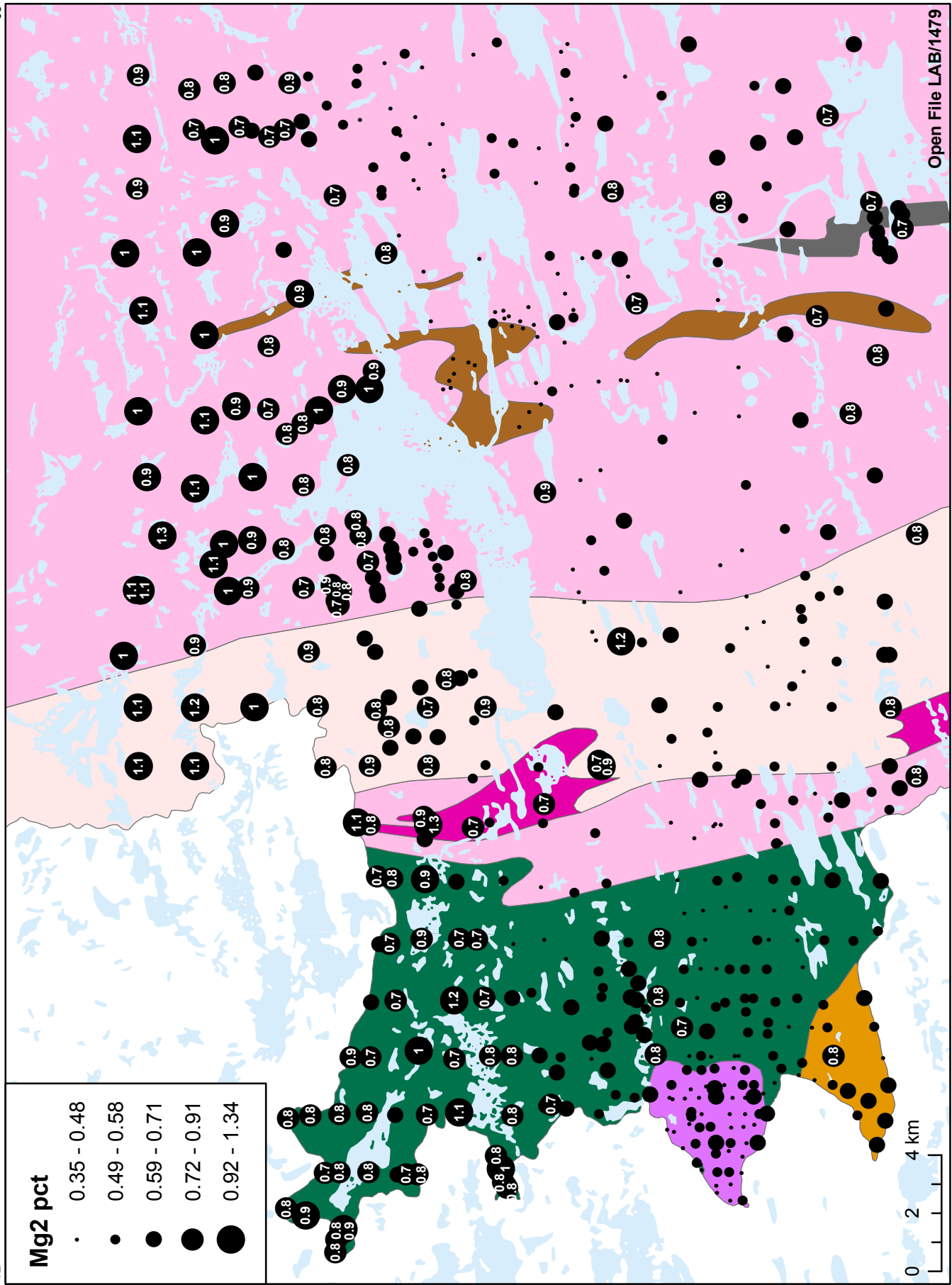


Figure 26. Distribution of lutetium (*Lu1*) in till.

64° 12'
56° 32'

63° 29'
56° 32'



56° 14'
64° 11'

56° 14'
63° 28'

Figure 27. Distribution of magnesium (Mg₂) in till.

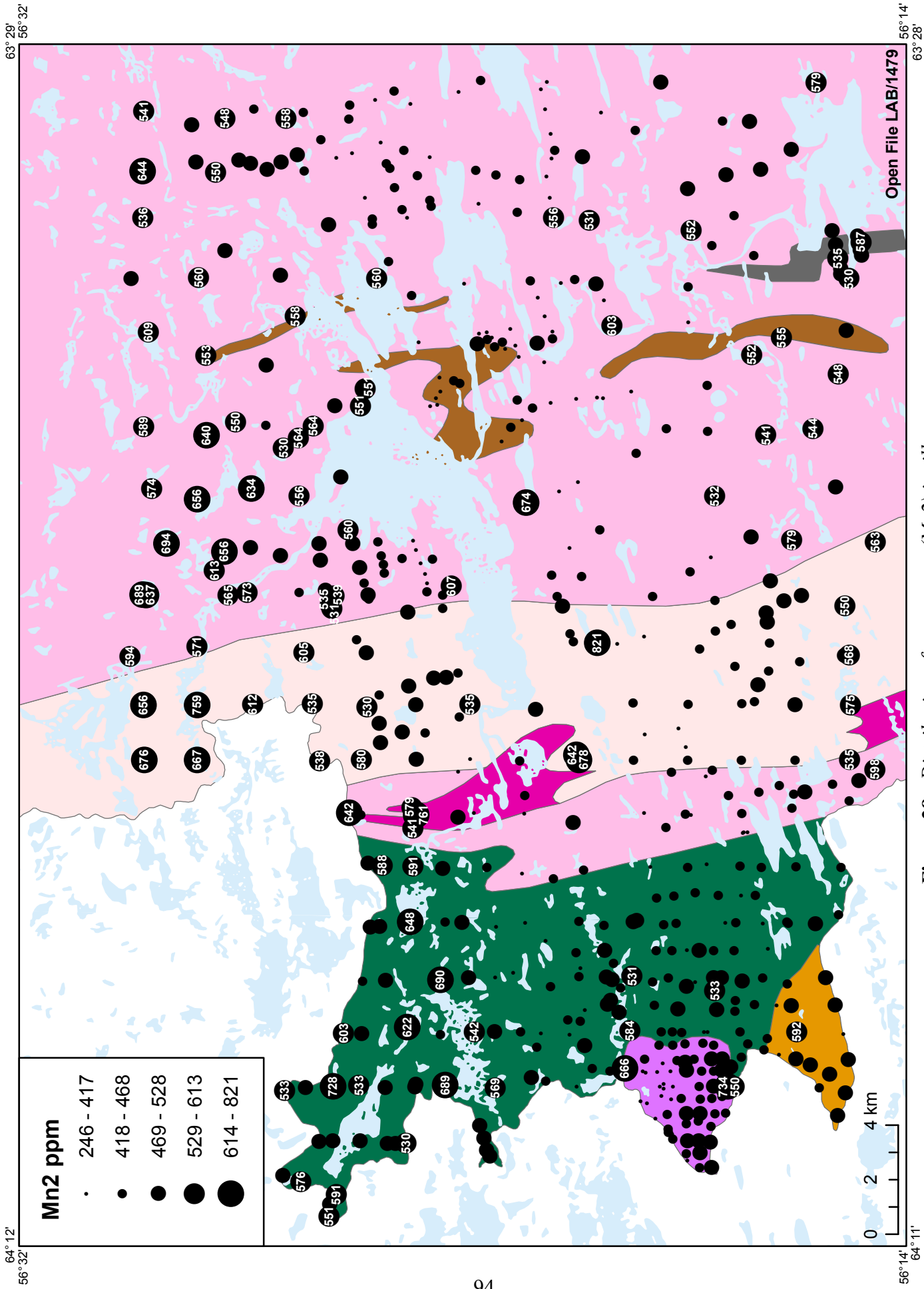


Figure 28. Distribution of manganese (Mn2) in till.

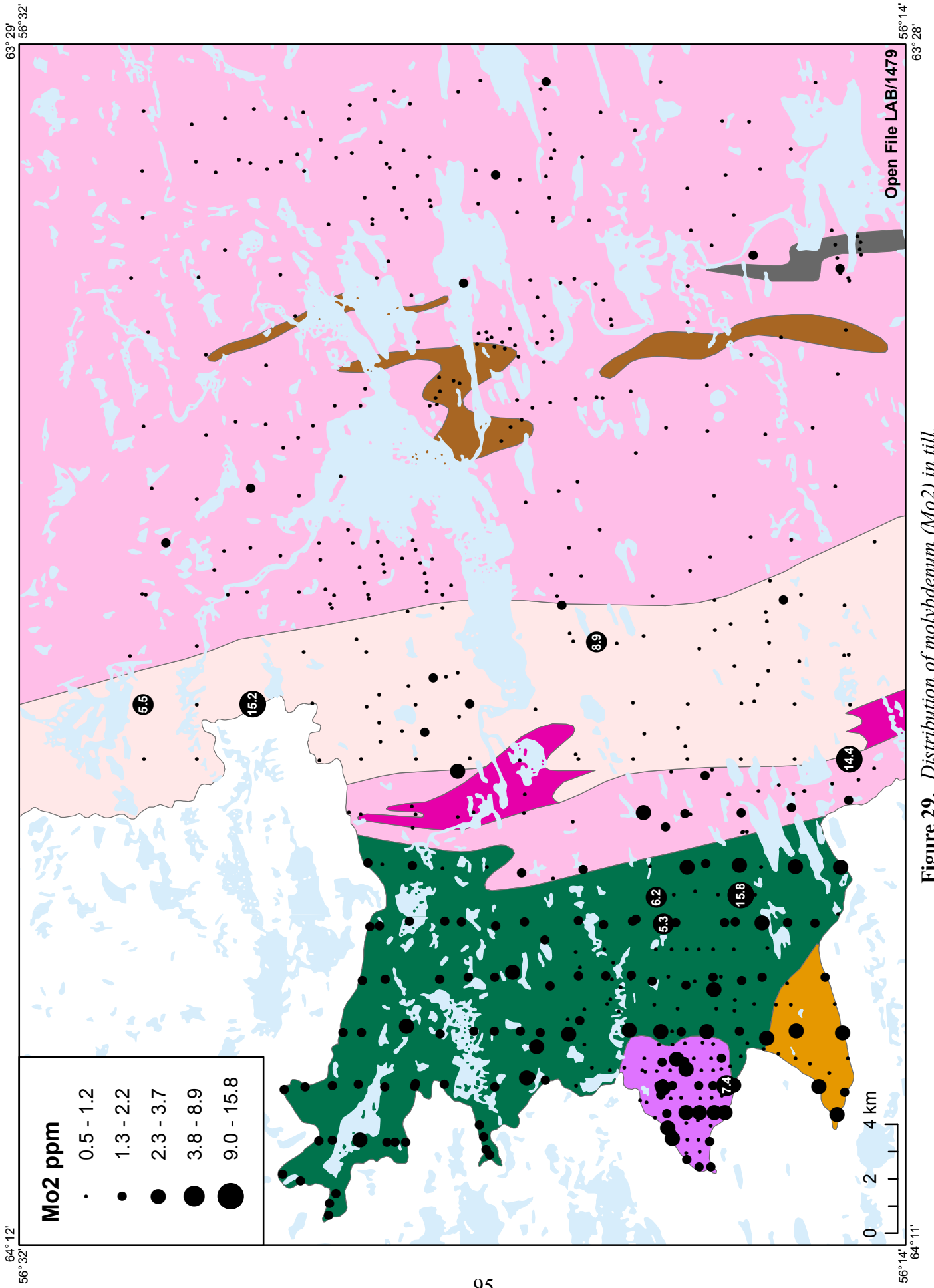


Figure 29. Distribution of molybdenum (Mo2) in till.

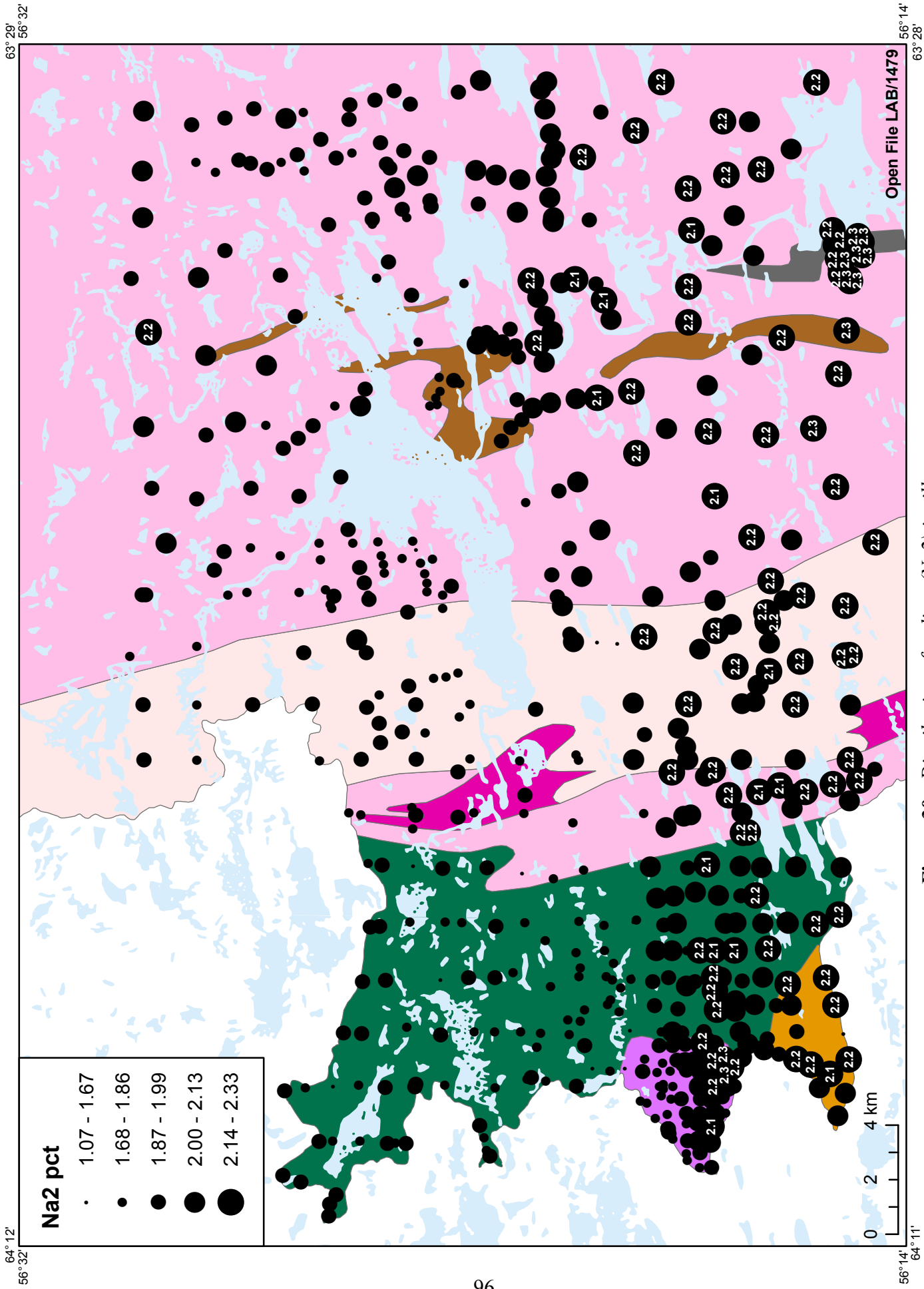


Figure 30. Distribution of sodium (Na_2) in till.

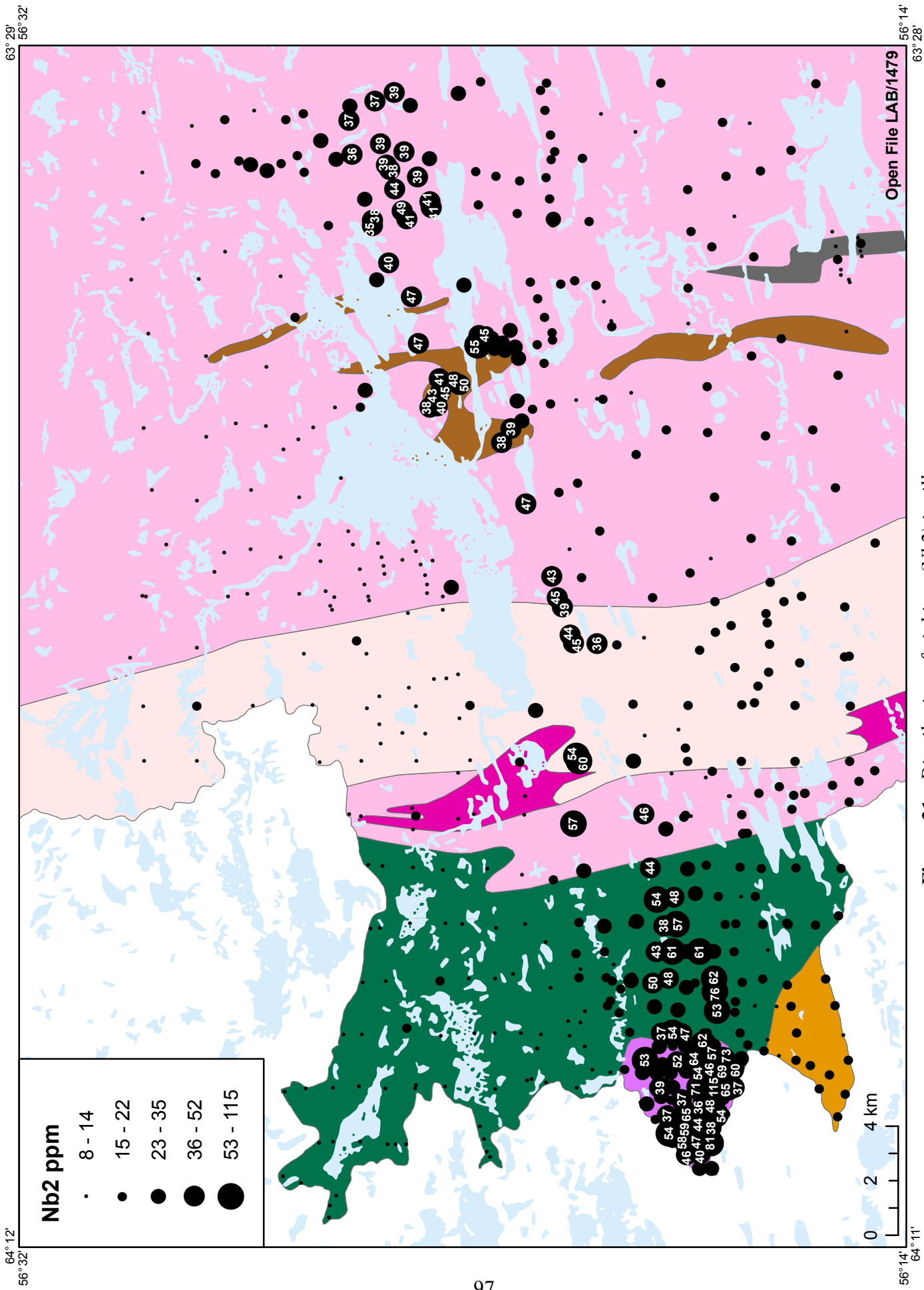


Figure 31. Distribution of niobium (Nb2) in till.

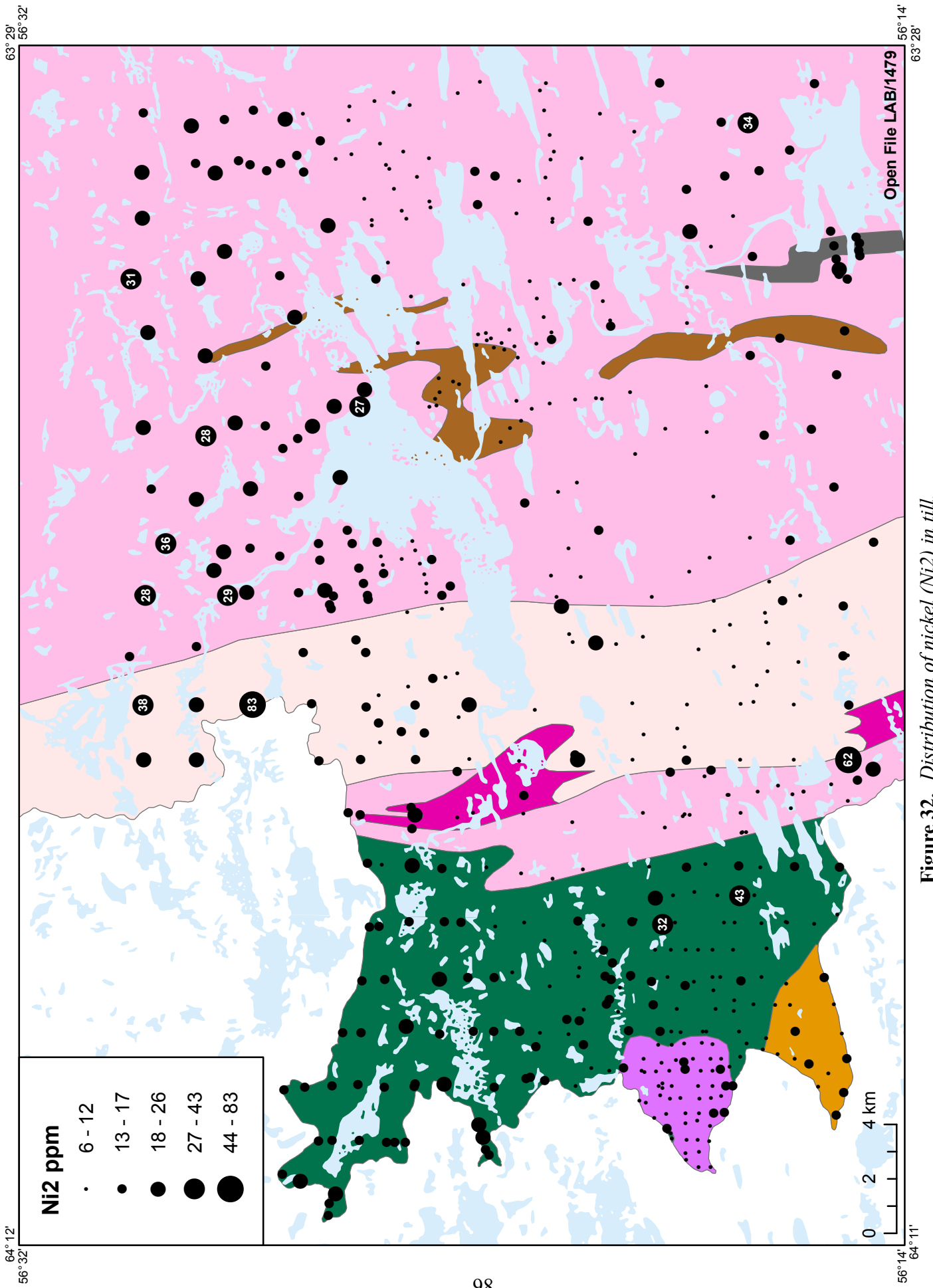


Figure 32. Distribution of nickel (Ni2) in till.

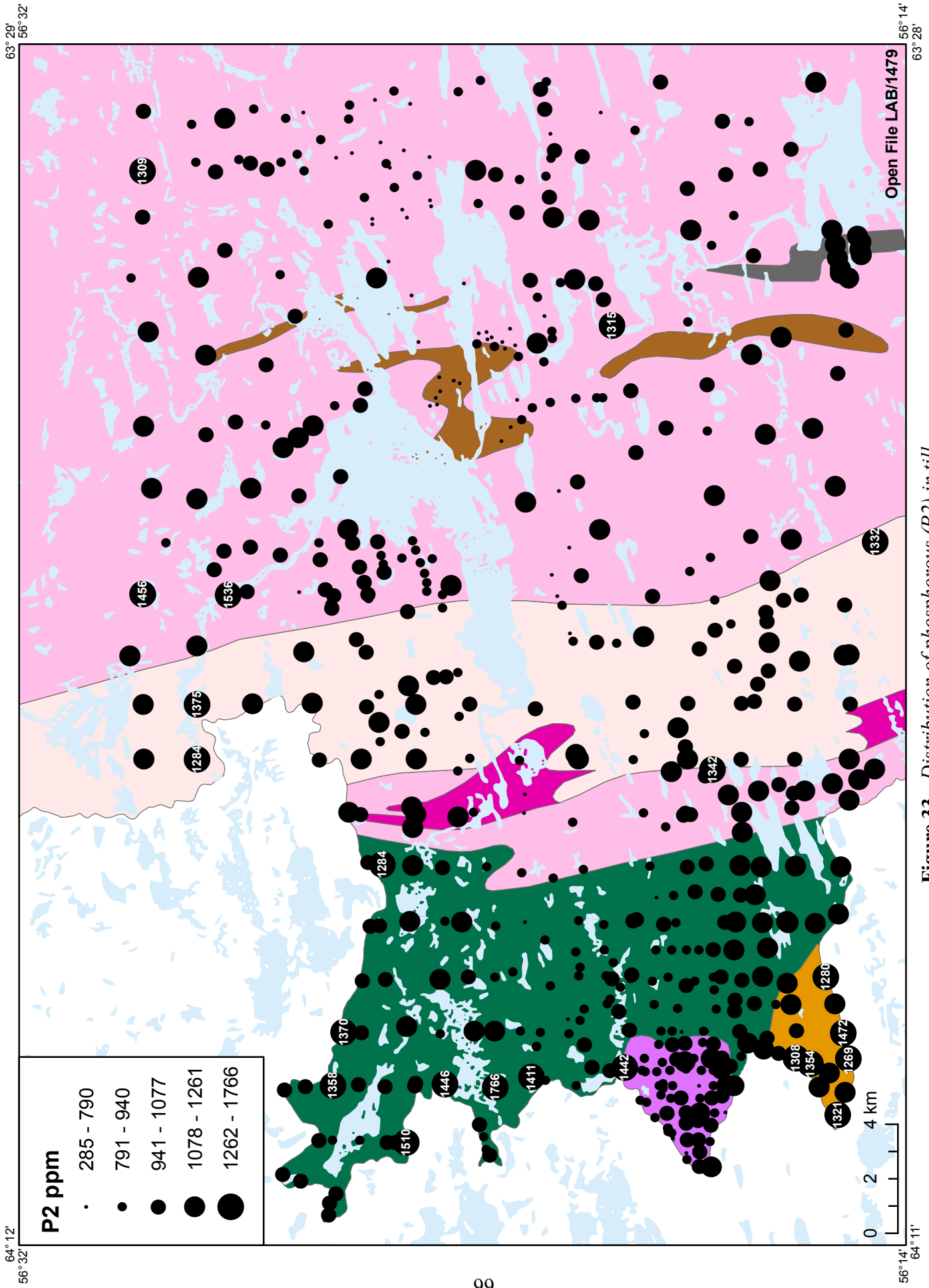


Figure 33. Distribution of phosphorous (P2) in till.

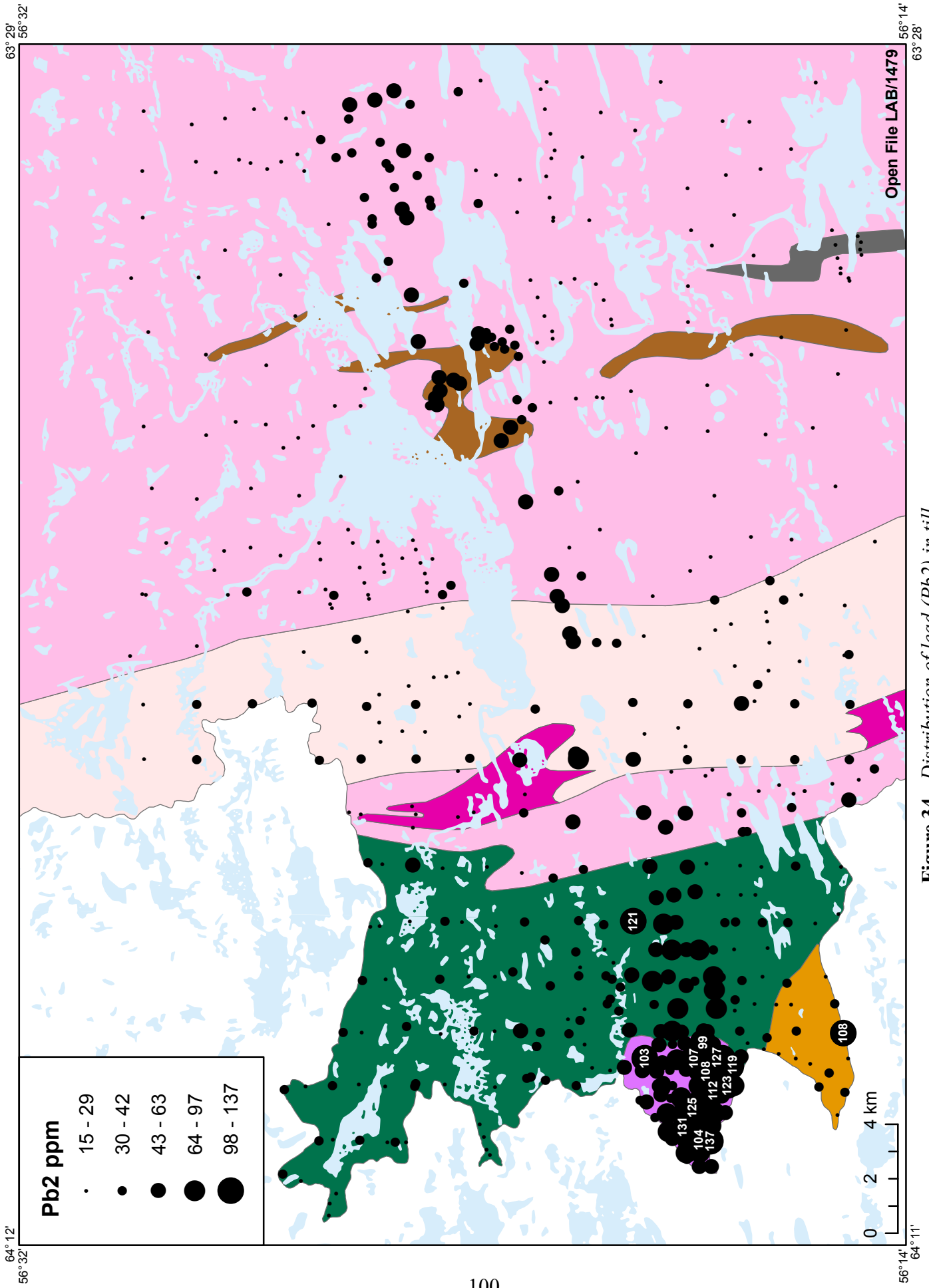


Figure 34. Distribution of lead (Pb2) in till.

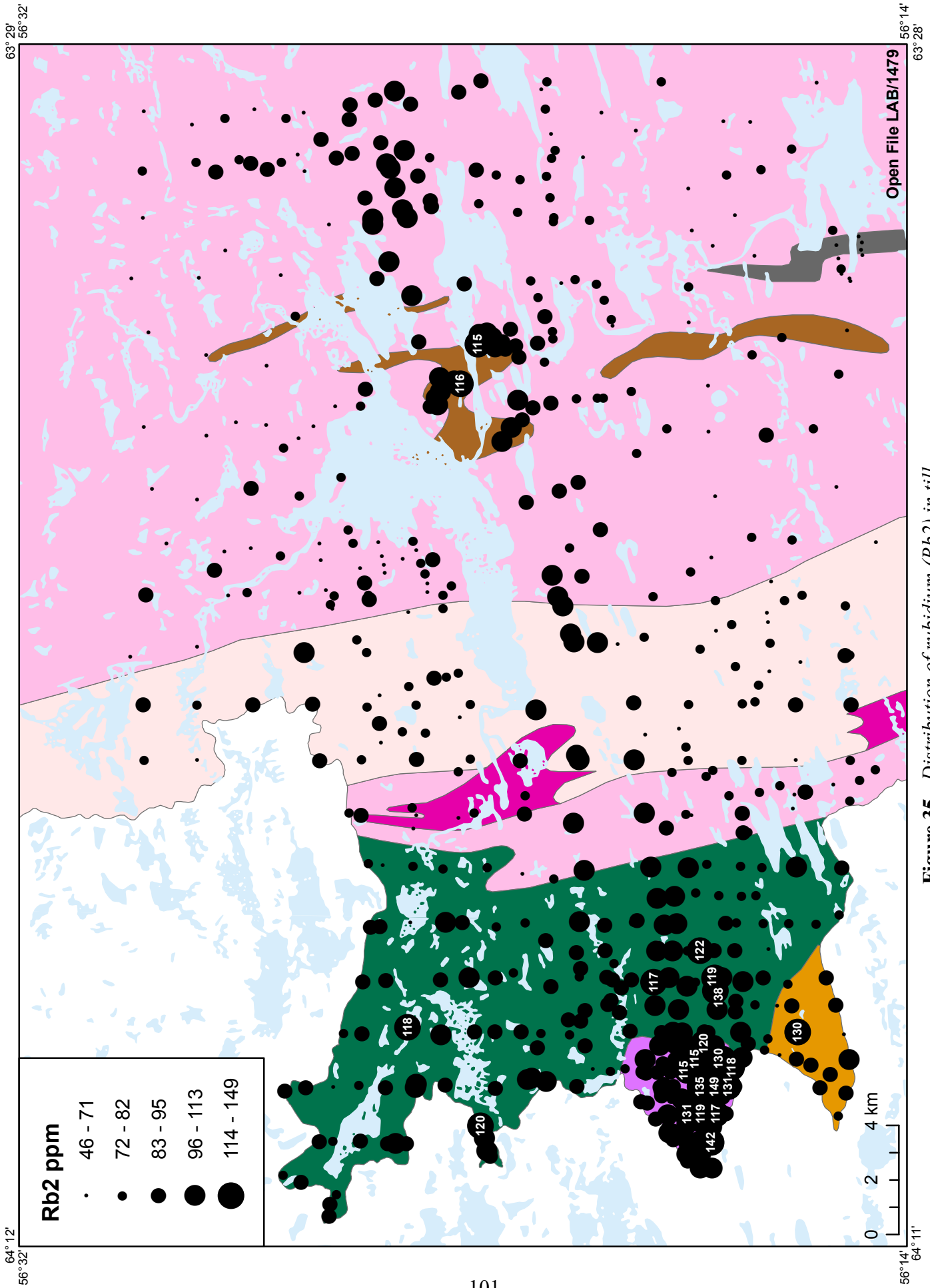


Figure 35. Distribution of rubidium (Rb2) in till.

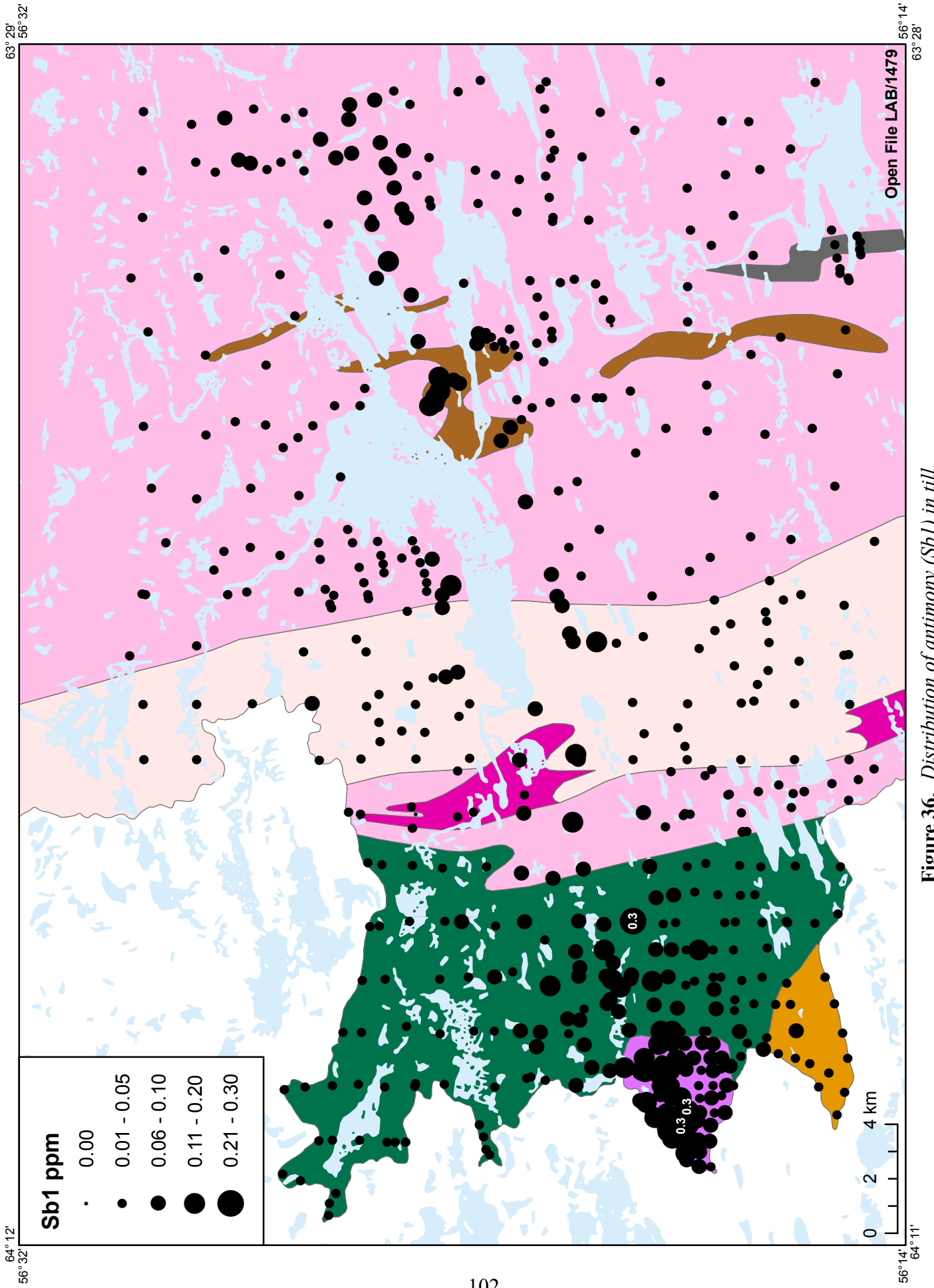


Figure 36. Distribution of antimony (Sb1) in till.

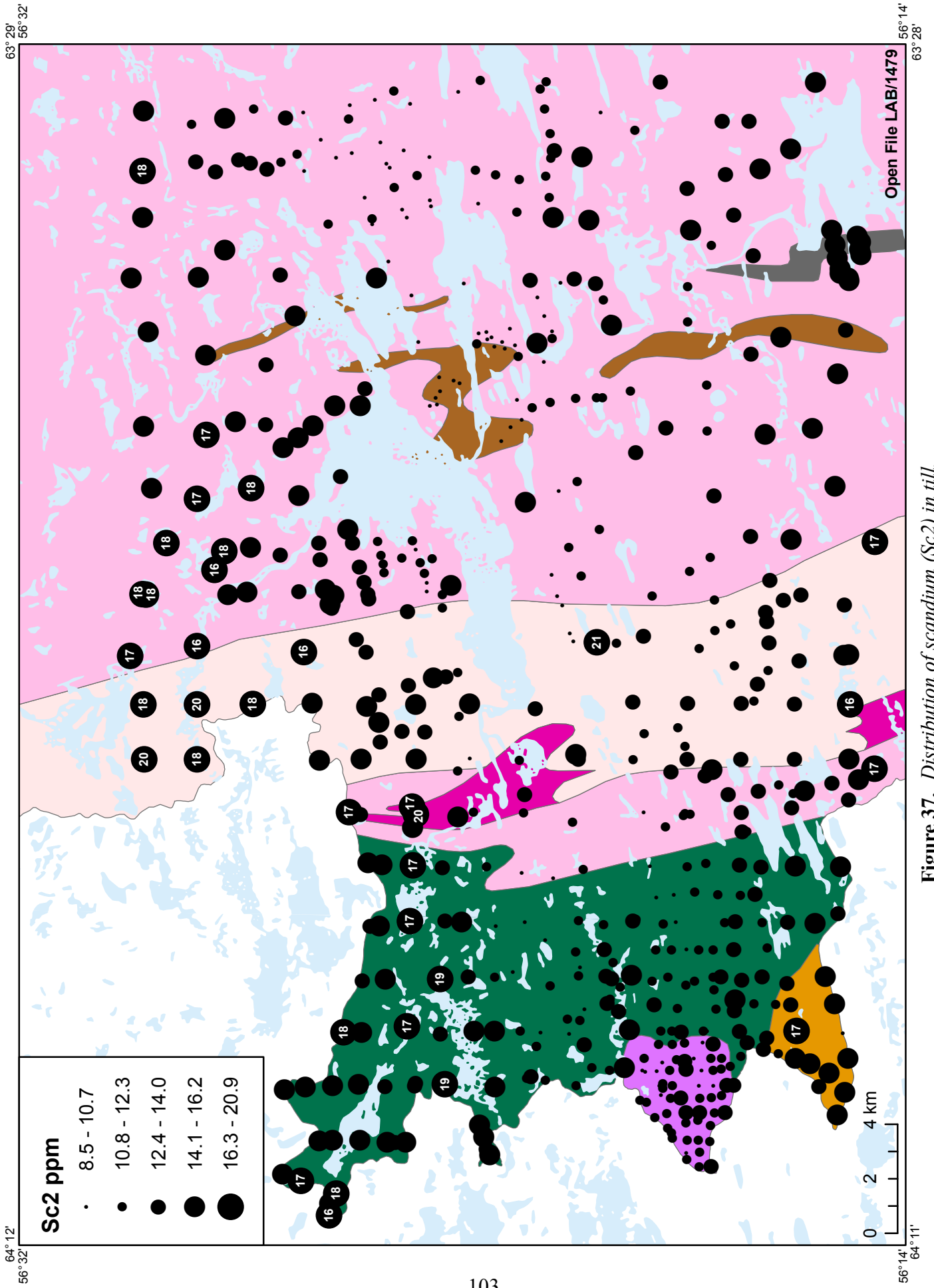


Figure 37. Distribution of scandium (Sc2) in till.

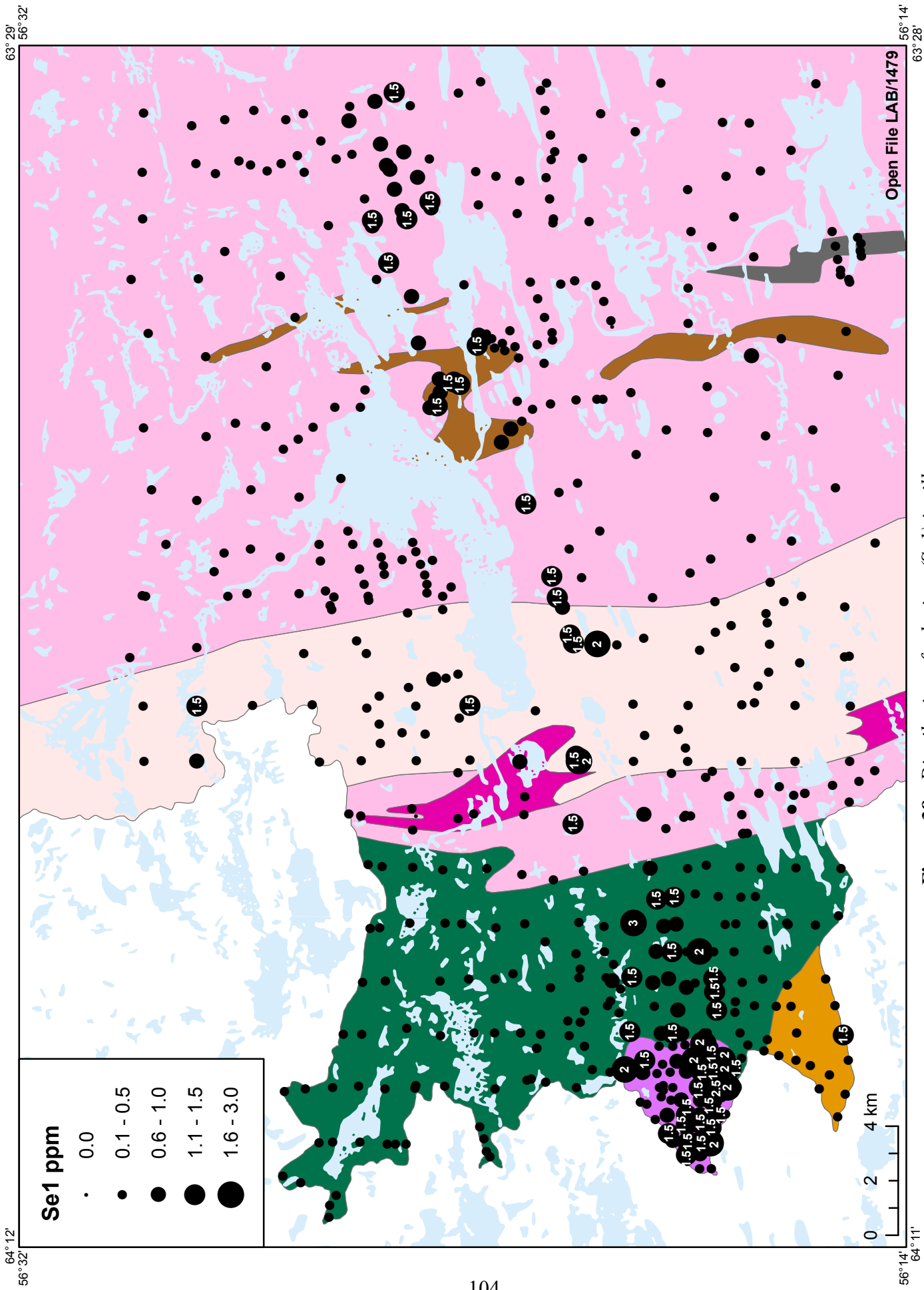


Figure 38. Distribution of selenium (Se1) in till.

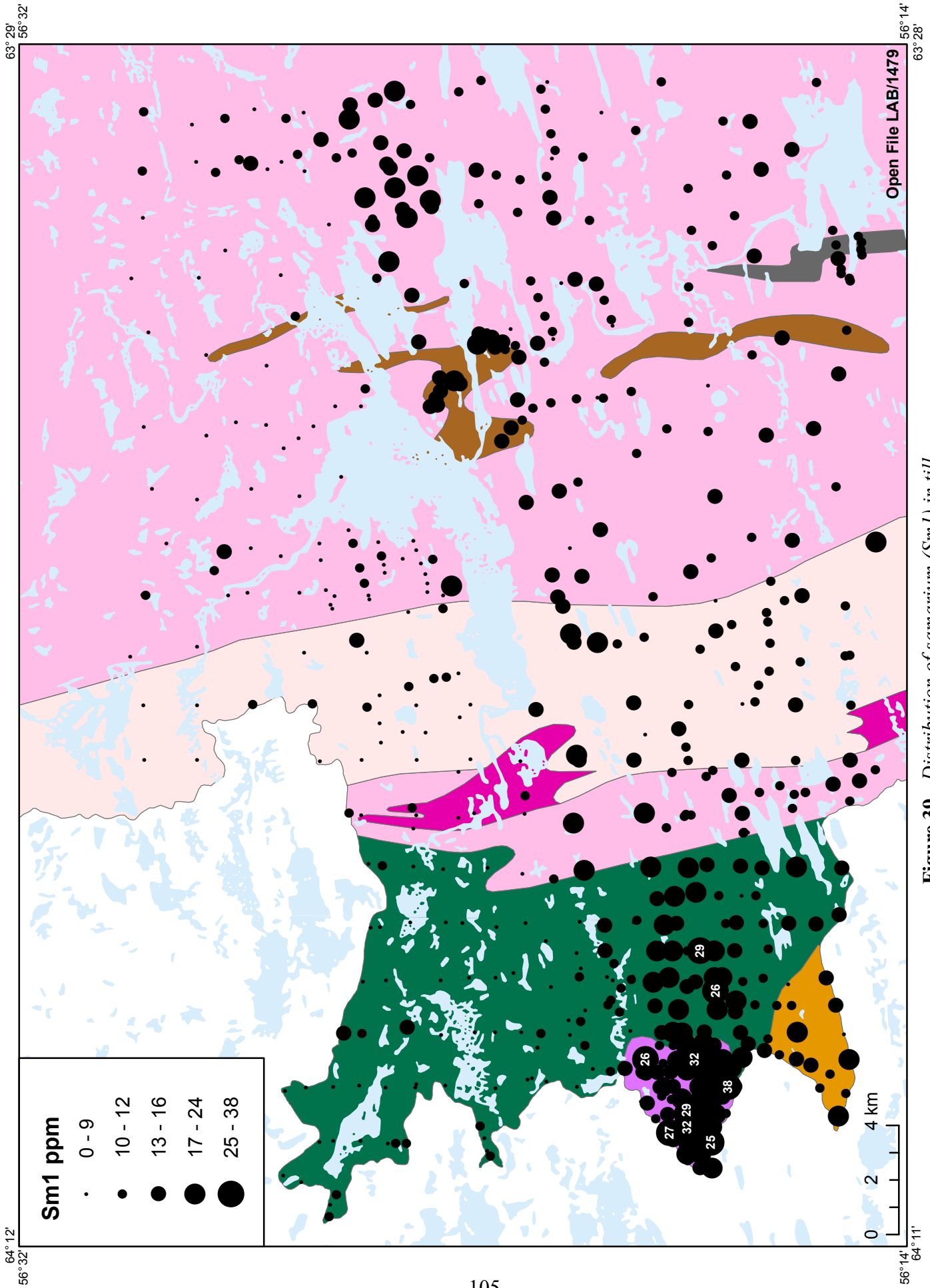


Figure 39. Distribution of samarium (Sm1) in till.

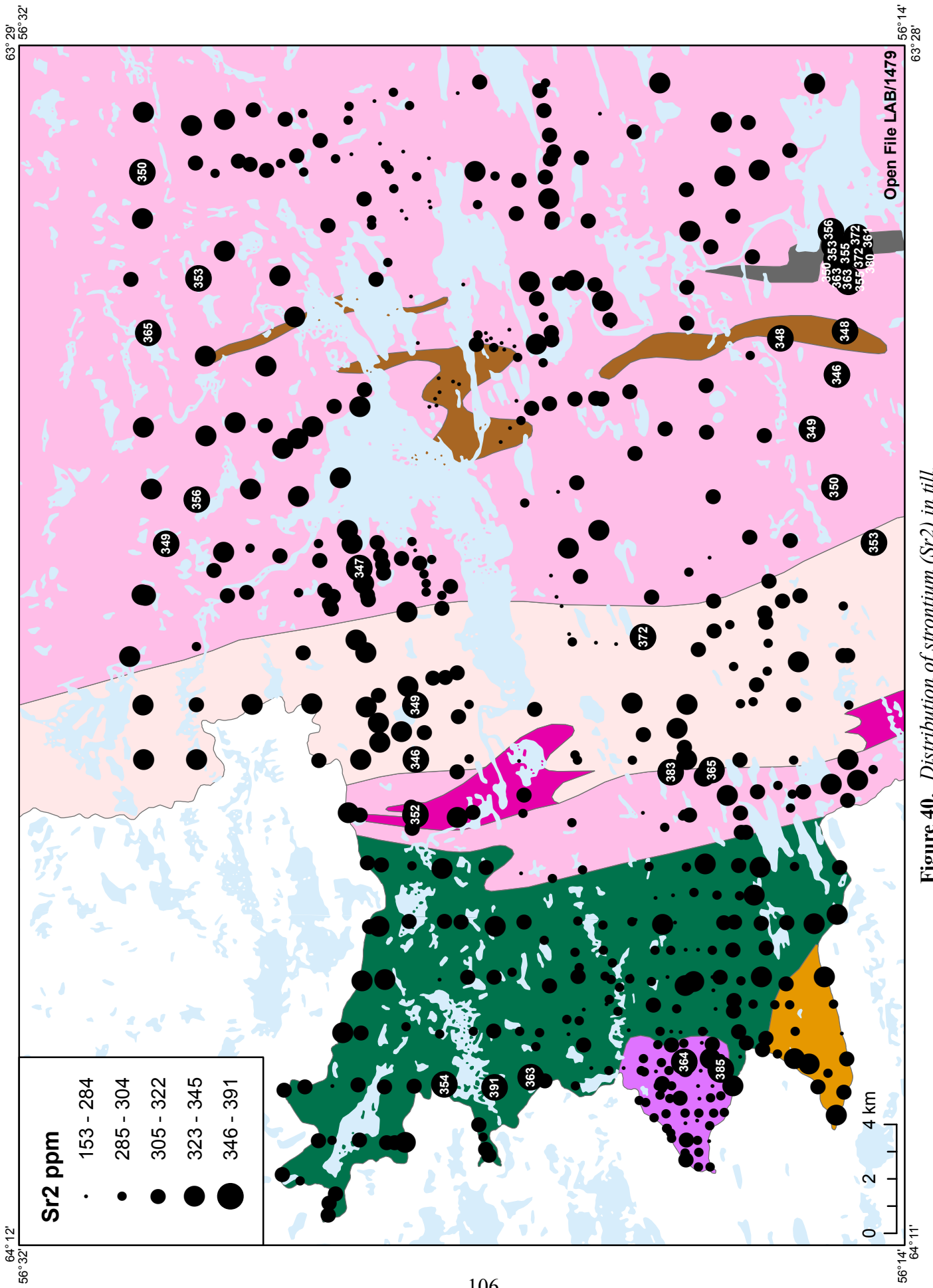


Figure 40. Distribution of strontium (Sr₂) in till.

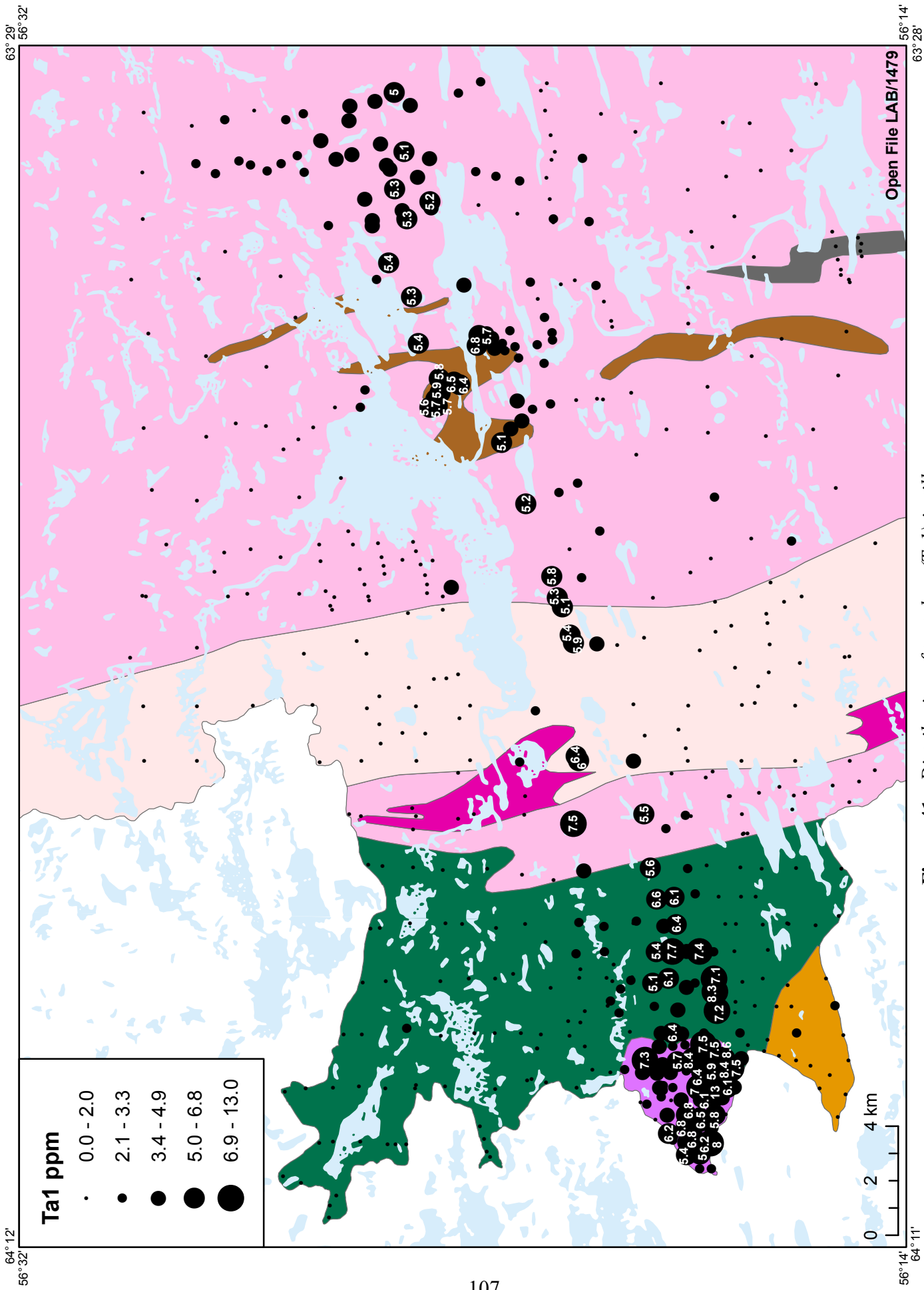


Figure 41. Distribution of tantalum (Ta1) in till.

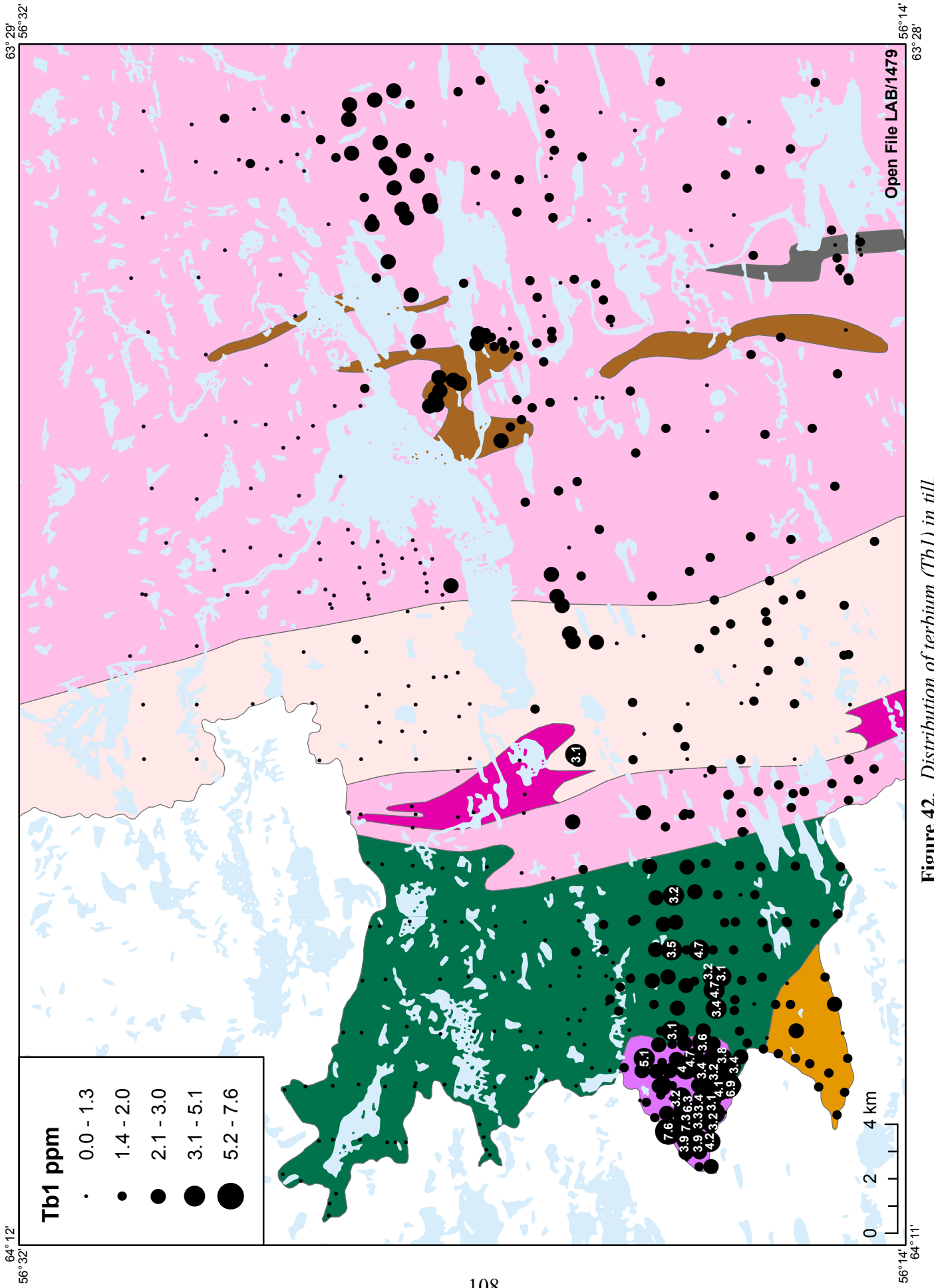


Figure 42. Distribution of terbium (Tb1) in till.

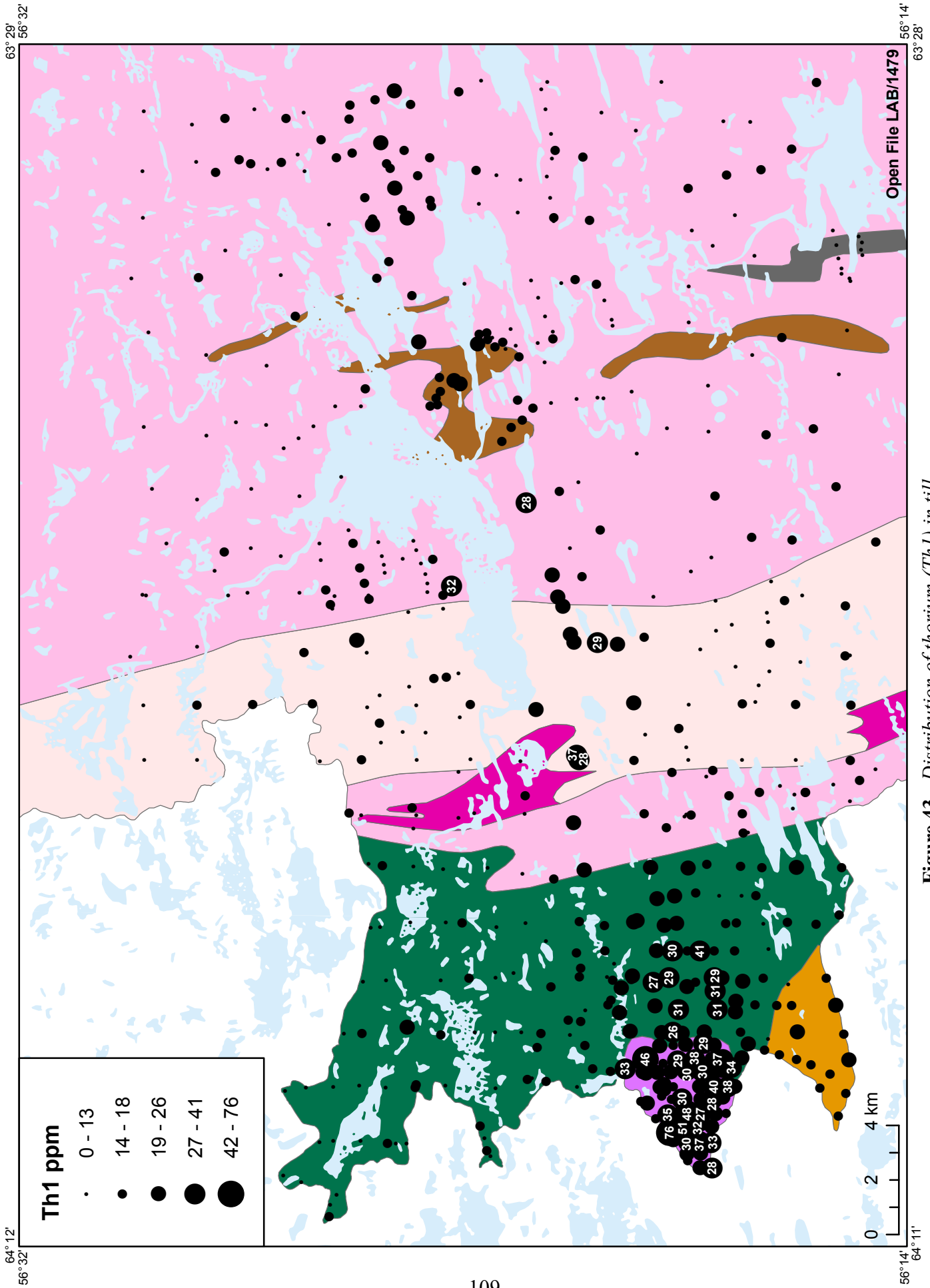


Figure 43. Distribution of thorium (Th1) in till.

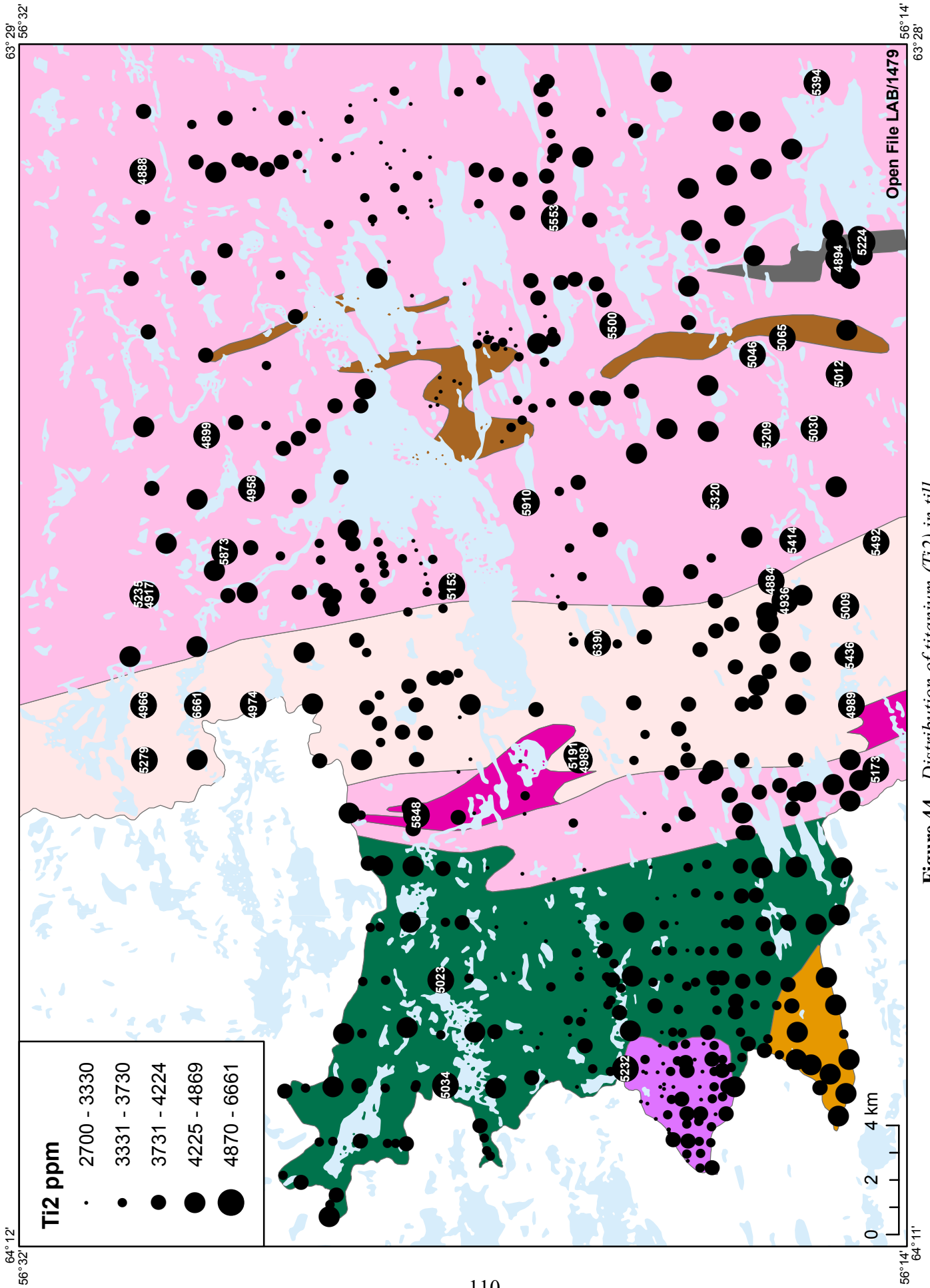


Figure 44. Distribution of titanium (Ti2) in till.

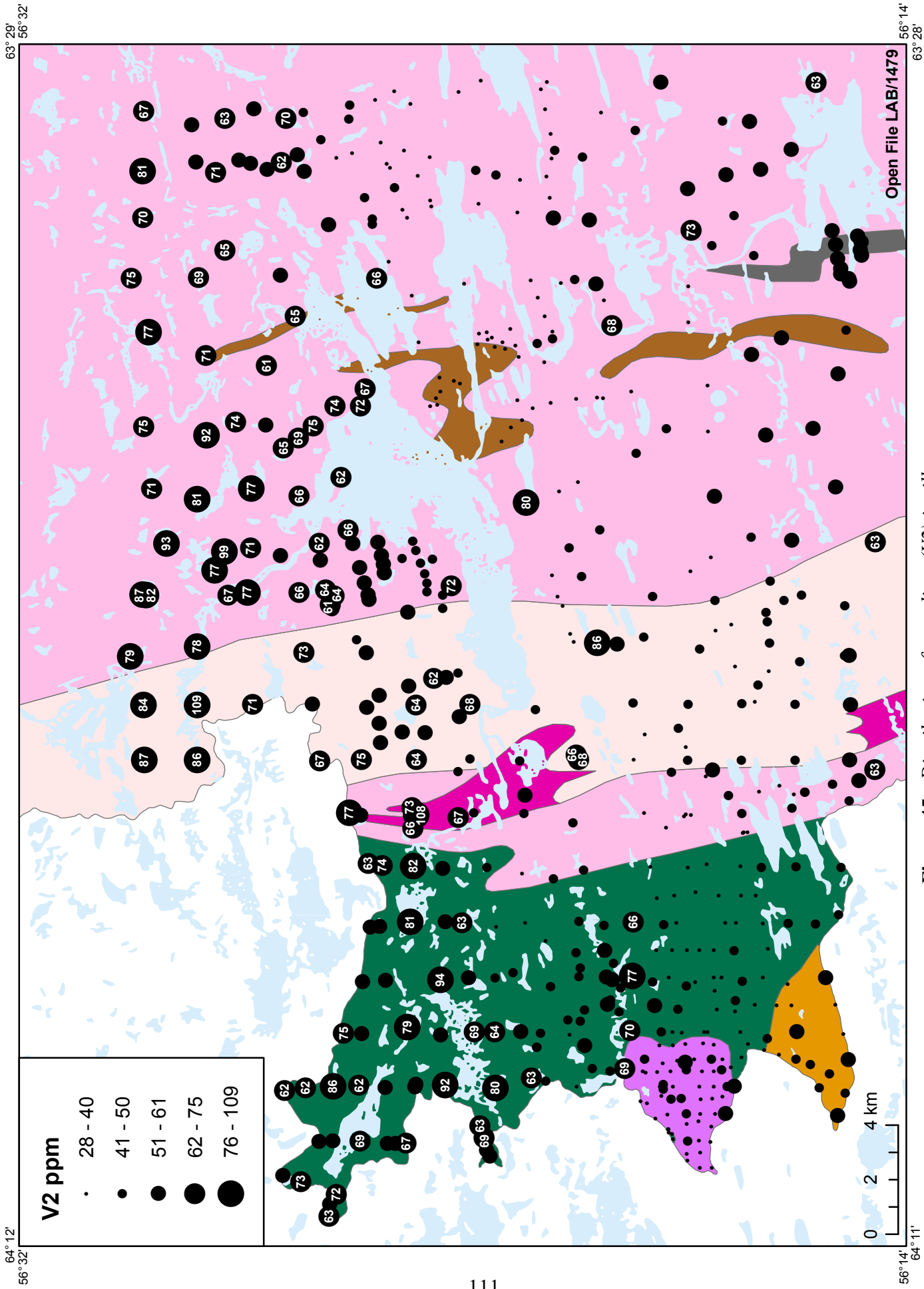


Figure 45. Distribution of vanadium (V2) in till.

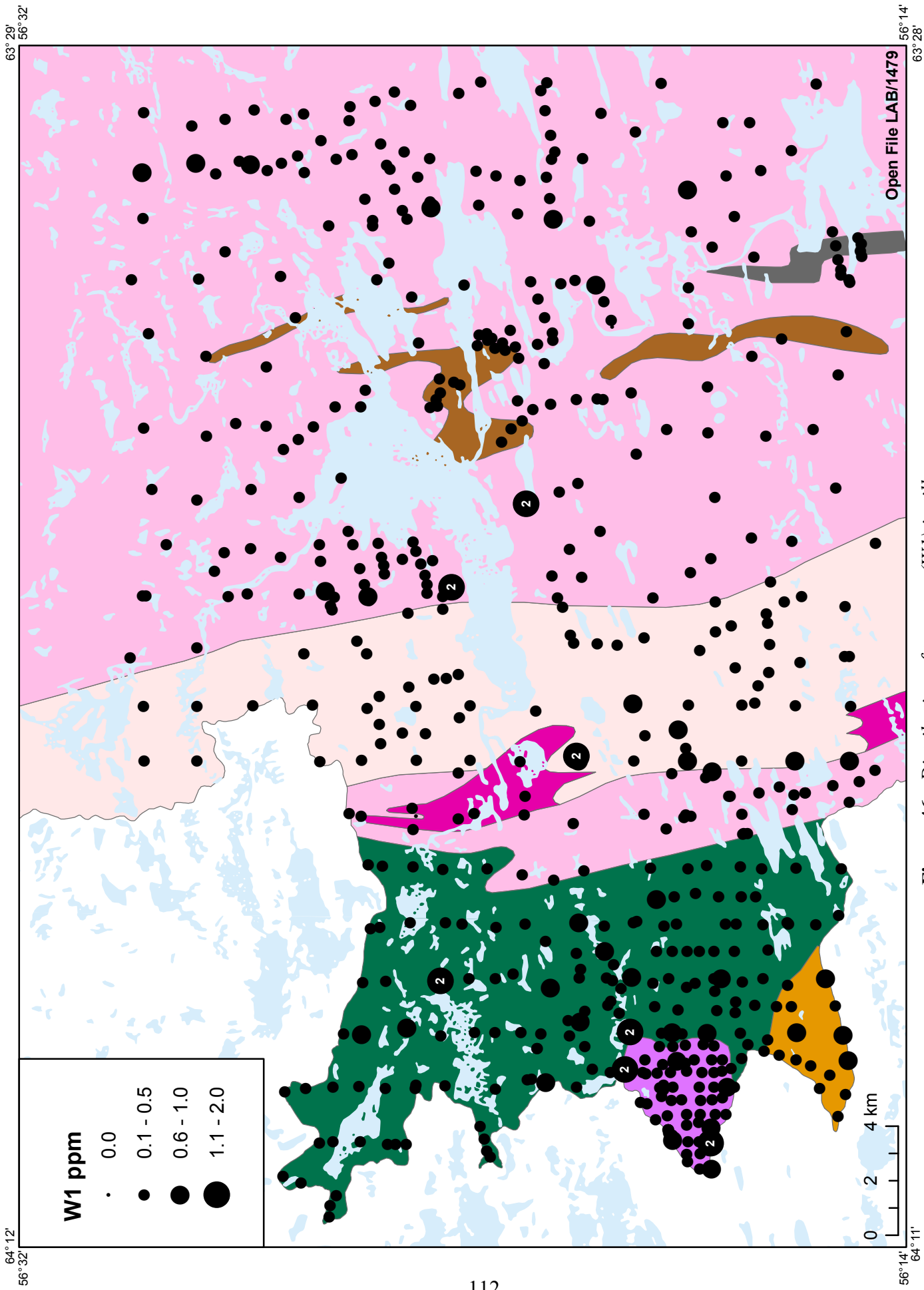


Figure 46. Distribution of tungsten (W1) in till.

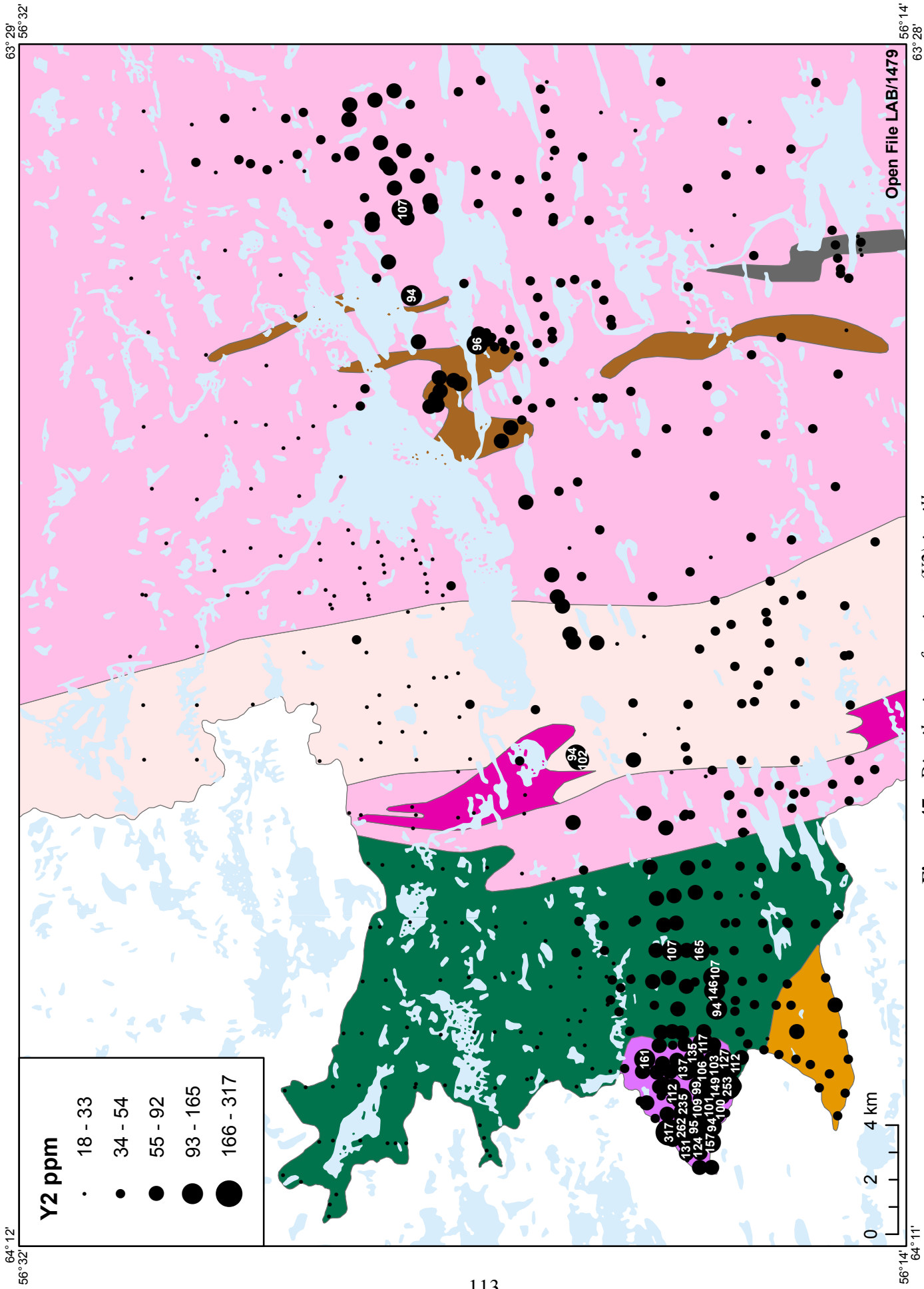


Figure 47. Distribution of yttrium (Y2) in till.

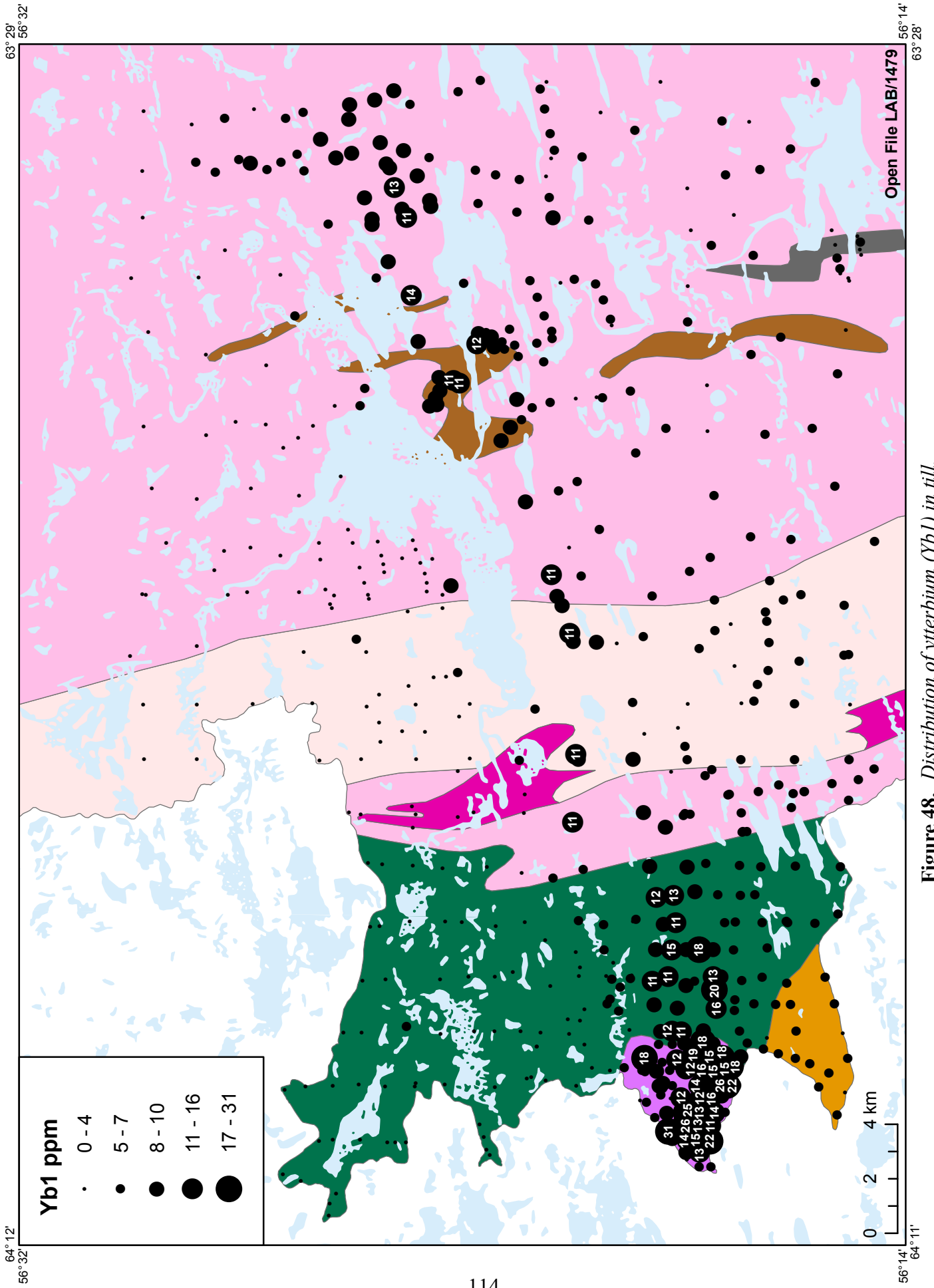


Figure 48. Distribution of ytterbium (Yb1) in till.

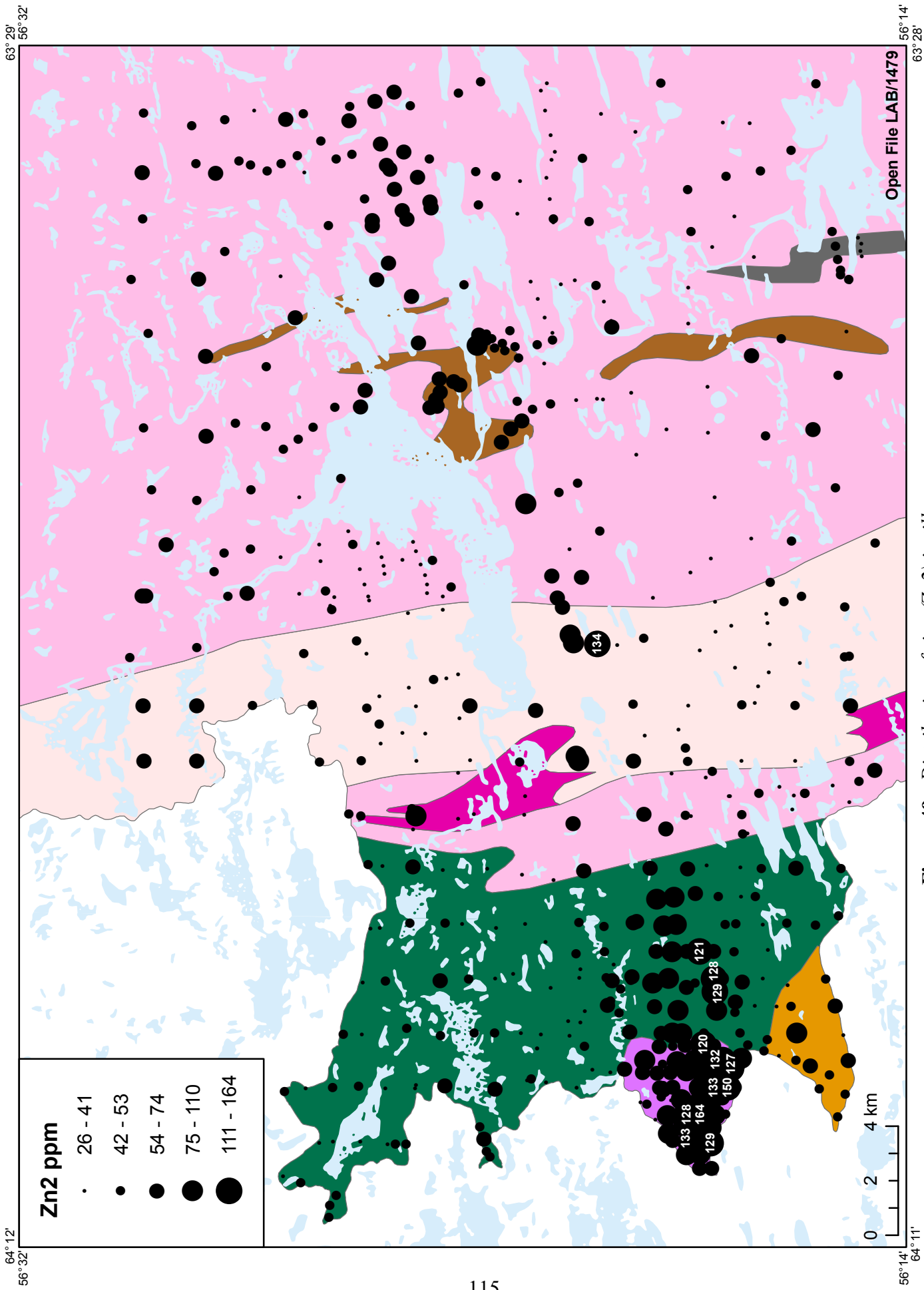


Figure 49. Distribution of zinc (Zn₂) in till.

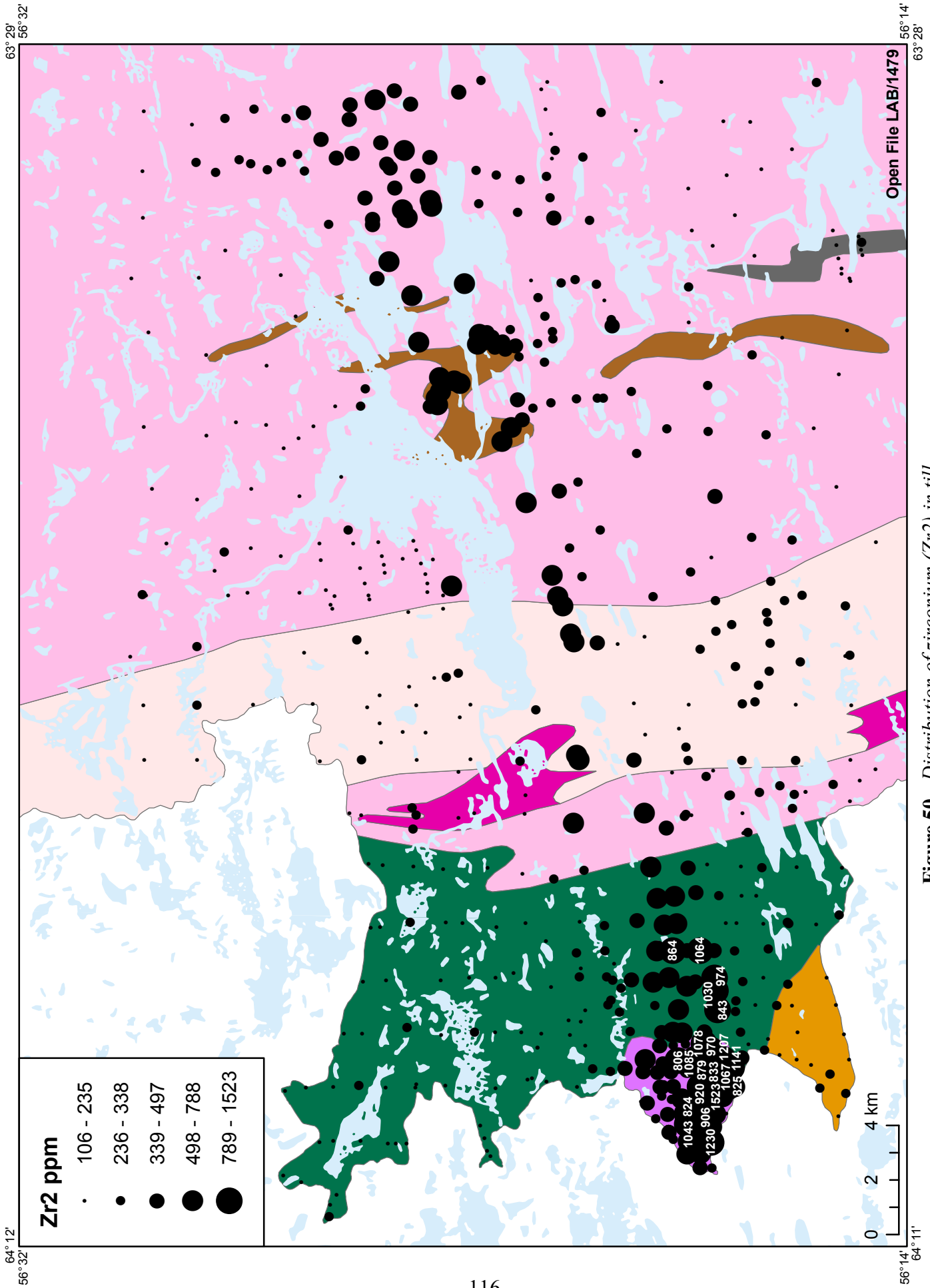


Figure 50. Distribution of zirconium (Zr₂) in till.