Newfoundland Labrador

Natural Resources

Mines

A HIGH-DENSITY LAKE-SEDIMENT AND WATER SURVEY IN THE ALEXIS RIVER REGION, SOUTHEASTERN LABRADOR

(NTS MAP AREAS 13A/02, 13A/07, 13A/08, 13A/10, 13A/14 & 13A/15)

S. Amor

Open File 013A/0089

St. John's, Newfoundland
2013

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Cover: Sample collection from a lake in NTS map area 13A/07.

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ABSTRACT

A detailed, helicopter-supported, lake-sediment and water survey was conducted over approximately 5500 km² of the Alexis River region of southeastern Labrador, within NTS map areas 13A/02, 13A/07, 13A/08, 13A/10, 13A/14 and 13A/15, west of Port Hope Simpson.

The sampled area is underlain by rocks of the Grenville Province. These are predominantly granitic in the south, and form a component of the Interior Magmatic Belt. To the north, the Exterior Thrust Belt consists of metamorphosed supracrustal rocks, predominantly sedimentary, as well as mafic and felsic-intermediate intrusive rocks. Search Minerals' *2010 REE discoveries south of Port Hope Simpson lie partly within the area of coverage.*

A total of 854 sites were sampled. The absence of lakes and ponds of any kind over much of the survey area reduced the nominal sampling density of one sample per 4 km² to one sample per 6.4 km². Water and sediment samples were collected at 833 sites, and water samples only at 21 sites. Field duplicate samples were collected at 1 site in 20.

Analysis of the sediment samples was carried out for 27 elements by Instrumental Neutron-Activation Analysis (INAA), for 31 elements by Induction Coupled Plasma Emission Spectroscopy (ICP-ES), for Ag by Atomic-Absorption Spectrometry (AAS), and Loss-on-Ignition (LOI) by gravimetry. The water samples were analyzed for 24 elements by ICP-ES, U by ICP-mass spectrometry, fluoride ion by ion-specific electrode, conductivity by Corning conductivity sensor, and pH by Corning combination pH electrode.

The response to the known REE mineralization takes the form of a zoned anomaly, with different element signatures, in sediment and in water, over Search Minerals*' REE discoveries and to the southwest and northeast. Elsewhere, the most conspicuous geochemical features include several other areas of enrichment in REE and REE pathfinders, as well as of an element association in sediments that includes Al, Ba, Be, Ca, Cr, Cs, K, Mg, Na, Nb, Rb, Sc, Sr, Ta, Ti and Zr. This latter association is believed to be related to the amount of inorganic clastic material in the sample, but variations in the relative amounts of these elements, in the anomalies defined by the association, suggest variations in sediment provenance. An anomaly of Au and certain Au pathfinders is present in the southeast of the survey area, associated with metamorphosed felsic volcanic rocks. The probable effects of marine incursion can be seen in the Br content of the lake sediments, and the Na content of the waters, in lakes within about 20 km of the coast.*

INTRODUCTION

This report presents the results of a helicopter-supported lake-sediment and lake-water sampling program carried out by the Geological Survey of Newfoundland and Labrador (GSNL) over an area of approximately 5 500 km^2 in the Alexis River area of southeastern Labrador in July 2011. The survey covers 1:50 000-scale NTS map areas 13A/02, 13A/07, 13A/08, 13A/10, 13A/14 and 13A/15 (Figure 1).

The 2011 work is a continuation of an earlier detailed lake-sediment and water-sampling program of the areas to the north, east and south (McConnell and Ricketts, 2010) of the present study of the Alexis River survey area.

The report comprises brief reviews of the geology and mineral occurrences of the region, and of previous work carried out in the area; a description of methods of sampling and analysis; general parameters of the survey; description and preliminary interpretation of certain representative and regionally important geochemical variables, and of strong anomalies. Appendice 1 consists of complete listings of the sediment and water data, whereas Appendices 2 and 3 comprise map plots of individual elements, in lake sediments and lake waters, respectively, that were not included in the main part of the text.

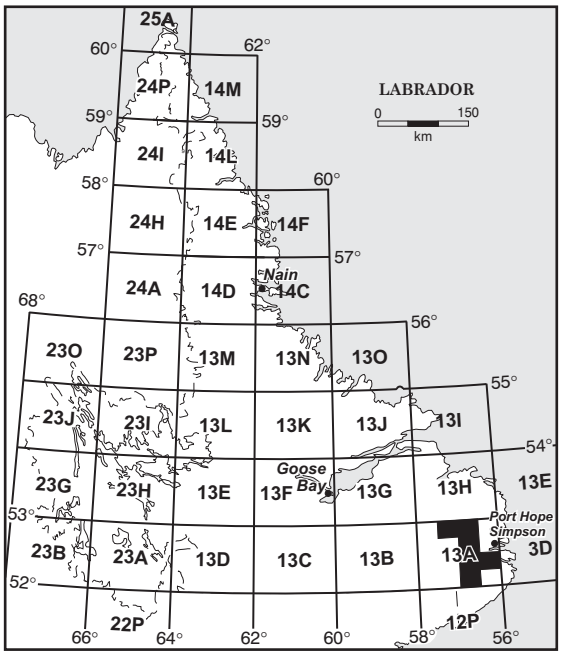


Figure 1. Location of survey area.

LOCATION, ACCESS AND PHYSIOGRAPHY

The survey area is in southeastern Labrador and its centroid is located about 30 km west of Port Hope Simpson (Figure 1). Within the survey area, the unpaved Trans-Labrador Highway passes through NTS map areas 13A/08, 13A/10, 13A/14 and 13A/15.

The survey area is characterized by rugged relief, and abundant bedrock outcrop, on NTS map areas 13A/07 and 13A/08 and adjacent parts of 13A/02 and 13A/10, but with swampy terrain of lower relief on NTS map areas13A/14 and 13A/15, the north of 13A/10 and the northwest corner of 13A/02. Elevations in the sampled area vary from less than 10 m asl on the lower Alexis River (NTS map area 13A/10) to 485 m asl at 52º 13’ 37” N, 56º 44’ 35” (52.227° N 56.743° W) in the north of NTS map area 13A/02. Major watercourses comprise the eastward-flowing Alexis, St. Lewis and Gilbert rivers, and the northward-flowing Hawke River.

PREVIOUS GEOCHEMICAL SURVEYS

Regional Studies

The survey area was previously sampled as part of the Federal National Geochemical

Reconnaissance (NGR) program of the Geological Survey of Canada (GSC, 1984). Samples of lake sediment and water were collected at a nominal density of one per 16 km^2. The sediments were initially analyzed for Ag, As, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn, by Atomic-Absorption Spectrometry (AAS) after aqua-regia digestion; F, by ion-specific electrode (ISE) analysis; Hg, by cold-vapour-AAS; U, by Neutron Activation/Delayed Neutron Counting, and Loss-on-Ignition by gravimetry. The waters were analyzed for fluoride ion by ISE, and for U by fluorimetry. The lake-sediment samples were subsequently retrieved from archive and analyzed by instrumental neutron-activation analysis (INAA) for Au, Ba, Ce, Co, Cr, Cs, Eu, Fe, Hf, La, Lu, Mo, Na, Ni, Rb, Sb, Sc, Sm, Ta, Tb, Th, U, W, Yb and Zn (Friske *et al*., 1994). Most recently, the samples have been analyzed for a 30-element ICP-ES package following multi-acid (HF-HCl-$HClO_4$) digestion (McConnell and Finch, 2012).

Results of the NGR program indicate three groupings of samples that are anomalous or elevated (*i.e.*, exceeding the 97.5 or 90-percentile of the Labrador dataset) in REE and Th within the sampled area. One concentration is centred about 15 km SSE of Port Hope Simpson on NTS map area 13A/08. A second, situated south of the centre of NTS map area 13A/10, is also associated with elevated and anomalous values of U in sediment and water. It is located to the east of the Southwest Pond Granite (Gower *et al*., 1991), a small granitic pluton of early Neoproterozoic age (Unit M_{3D}gr; Gower, 2010a) centred on 52º 34’ 30” N, 56º 45’ 58” W (52.575° N, 56.766° W). Element associations in till (*see* below) are also strongly suggestive of REE and rare metal (RM) enrichment in this area.

The third anomaly defined by NGR results is a concentration of mostly elevated (> regional 90-percentile) values of La, Ce and Sm, interspersed with background values, in the southeastern corner of NTS map area 13A/07. It corresponds approximately to the location of the Upper St. Lewis River Anomaly identified during the current study (*see* below).

Detailed Studies

McCuaig (2002a, e) collected 367 till samples during the surficial mapping of NTS map areas 13A/10, 13A/14 and 13A/15. These were analyzed for Ag, As, Au, Ba, Br, Ca, Ce, Co, Cr, Cs, Eu, Fe, Hf, Hg, Ir, La, Lu, Mo, Na, Nd, Ni, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, U1, W1, Yb and Zn by INAA; Al, As, Ba, Be, Ca, Cd, Ce, Co, Cr, Cu, Dy, Fe, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Sc, Sr, Ti, V, Y, Zn and Zr by ICP-OES after multi-acid (HF-HCl-$HClO_4$) digestion; Ag and Rb by AAS after HNO_3 digestion; and Pd and Pt by fire-assay ICP-MS. The Southwest Pond Granite (*see* above) is the focus of the highest values in the till dataset of Be, Ta and most of the REE (mainly disposed to the west of the intrusion); Cs, K and Th (mainly disposed to the east); and Li, Mo, Rb and U (centred on the pluton and extending both east and west of it).

The area to the north, east and south of that sampled in 2011 was the subject of an earlier detailed lake-sediment and water-sampling program (McConnell and Ricketts, 2010) of which the current study is a continuation.

The study area has been the focus of past mineral exploration for magmatic Ni–Cu–Co–platinum-group-metal deposits in the Kyfanan Lake layered mafic intrusion (Unit M_1rg; *see* Figure 2) on NTS map area 13A/07, the Alexis River Anorthosite (Unit P_{3B}an) on 13A/10, and the White Bear Arm Intrusive Complex (Unit P_{3C}rg; Gower, 2010a) on 13A/15; for uranium in late

Paleoproterozoic granites and gneisses on 13A/10 and 13A/14; and for sapphire in similar rocks on 13A/08. The area south (NTS map area 13A/08) and east (NTS map area 13A/09; not sampled in the current study) of Port Hope Simpson is the current focus of exploration for REE and a number of discoveries have been announced (*see* below).

GEOLOGY AND MINERALIZATION

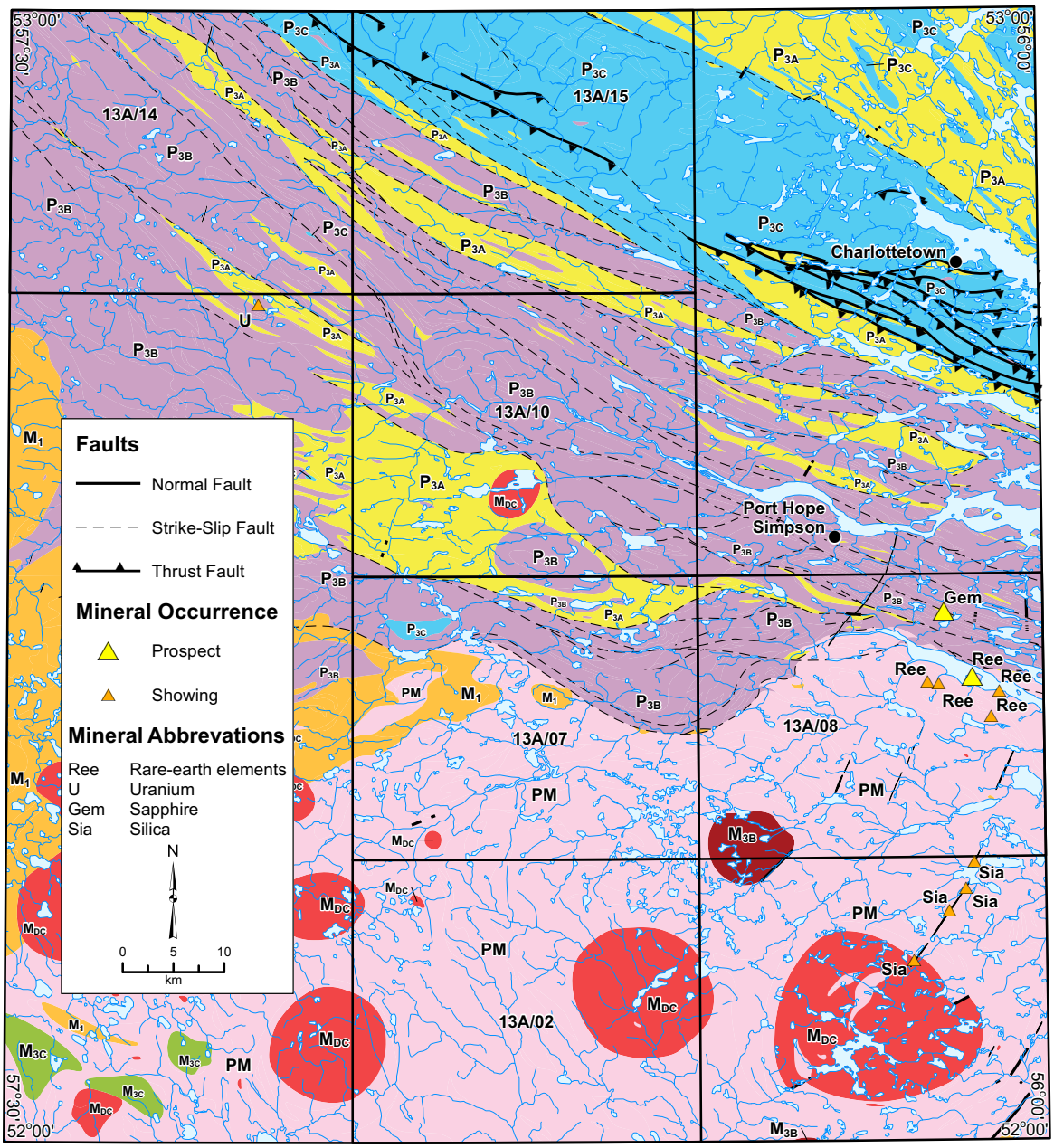
The sampled area is underlain by rocks of the Grenville Province (van Nostrand, 1992; Wardle *et al.*, 1997; Gower, 2010a, b, c; Figure 2), which have been divided into the northern, Exterior Thrust Belt and the southern, Interior Magmatic Belt. In the north (NTS map areas 13A/10, 13A/11, 13A/14 and 13A/15 and the northern parts of 13A/07 and 13A/08), rocks of the Exterior Thrust Belt comprise the following (summary descriptions from Gower, 2010a–c):

a) Late Paleoproterozoic (1800–1710 Ma) fine- to medium-grained pelitic schist and gneiss (Unit P_{3A}sp), and quartz-feldspar psammitic and gneiss schist (Unit P_{3A}ss);
b) Late Paleoproterozoic (1710–1660 Ma) foliated to gneissic diorite to quartz diorite (Unit P_{3B}dr), foliated to gneissic granodiorite (Unit P_{3B}gd), foliated to gneissic megacrystic/porphyritic granitoid rocks (Unit P_{3B}gp), foliated to gneissic quartz monzonite (Unit P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (Unit P_{3B}gr), amphibolite (Unit P_{3B}am), anorthosite and leucogabbronorite (Unit P_{3B}an), leucogabbronorite and leucogabbro (Unit P_{3B}ln), and gabbro and norite (Unit P_{3B}rg);
c) Late Paleoproterozoic (1660–1600 Ma) mafic granulite (Unit P_{3C}ag), amphibolite (Unit P_{3C}am), anorthosite and leucogabbronorite (Unit P_{3C}an), leucogabbronorite and leucogabbro (Unit P_{3C}ln), gabbro and norite (Unit P_{3C}rg), diorite, quartz diorite and tonalite (Unit P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (Unit P_{3C}ga), granite to granodiorite (Unit P_{3C}gd), megacrystic/porphyritic granite to granodiorite (Unit P_{3C}gp), quartz monzonite (Unit P_{3C}mq), and monzonite (Unit P_{3C}mz);
d) Early Neoproterozoic intrusions of granite to alkali-feldspar granite (Unit M_{3D}gr), and syenite and quartz syenite (Unit M_{3D}yq).

The southern portion of the sampled area (NTS map areas 13A/02 and the southern parts of 13A/07 and 13A/08) is underlain by rocks of the Interior Magmatic Belt, comprising:

a) Late Paleoproterozoic and early Mesoproterozoic (1800–1350 Ma) recrystallized granite and alkali-feldspar granite (Unit PMgr); syenite, alkali-feldspar syenite and quartz syenite (Unit PMyq) and megacrystic/porphyritic granite to quartz monzonite (Unit PMgp);
b) Early Mesoproterozoic (1600–1400 Ma) gabbro, norite and troctolite (Unit M_1rg); leucogabbronorite and anorthositic gabbro (Unit M_1ln) and amphibolite (Unit M_1am);
c) Late Mesoproterozoic (ca. 1085–985 Ma) granite and alkali-feldspar granite (Unit M_{3B}gr)
d) Early Neoproterozoic (ca. 985–975 Ma) syenite, quartz syenite and alkali-feldspar syenite (Unit M_{3c}yq);
e) Early Neoproterozoic (ca. 975–955 Ma) granite to alkali-feldspar granite (Unit M_{3D}gr), quartz monzonite (Unit M_{3D}mq) and syenite, quartz syenite and alkali-feldspar quartz syenite (Unit M_{3D}yq).

The Southwest Pond Granite (*see* above) is an isolated intrusion of early Neoproterozoic gran-



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite ($M_{3C}yq$)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite ($M_{3B}gr$)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite ($P_{3C}ag$), amphibolite ($P_{3C}am$), anorthosite and leucogabbronorite ($P_{3C}an$), leucogabbronorite and leucogabbro ($P_{3C}ln$), gabbro and norite ($P_{3C}rg$), diorite, quartz diorite and tonalite ($P_{3C}dr$), alkali-feldspar granite, granite and quartz syenite ($P_{3C}ga$), granite to granodiorite ($P_{3C}gd$), megacrystic/ porphyritic granite to granodiorite ($P_{3C}gp$), quartz monzonite ($P_{3C}mq$) and monzonite ($P_{3C}mz$)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite ($P_{3B}dr$),foliated to gneissic granodiorite ($P_{3B}gd$), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss ($P_{3B}gp$), foliated to gneissic quartz monzonite ($P_{3B}mq$), foliated to gneissic granite and alkali-feldspar granite ($P_{3B}gr$) amphibolite ($P_{3B}am$), anorthosite and leucogabbronorite ($P_{3B}an$), leucogabbronorite and leucogabbro ($P_{3B}ln$) and gabbro and norite($P_{3B}rg$)

(ca. 1800–1770 Ma)

P_{3B} Pelitic ($P_{3A}sp$) and psammitic ($P_{3A}ss$) schist and gneiss

Figure 2. Synoptic geological map of sampled area.

ite (Unit M_{3D}gr) into late Paleoproterozoic pelitic gneiss (Unit P_{3A}sp). Zircons from the granite, which is pink- to buff-weathering and coarse-grained and homogeneous, with subsidiary medium grained and minor pegmatitic phases, have indicated an average $^{207}Pb/^{206}Pb$ age of 962±3 Ma (Gower *et al*., 1991). The granite is associated with anomalous till geochemistry (McCuaig, 2002e) and lake-sediment and water geochemistry (Friske *et al*., 1994; this report).

It is not practical to reproduce the detailed geological information recently released by Gower (2010a–c) in a report of this nature; therefore, Figure 2 is a synoptic geological map that only denotes rock ages.

There are 40 documented mineral occurrences within the bounds of the sampled area (Gower, 2010d; Stapleton *et al.*, 2011), of which two have the status of prospect, and four the status of showing; the remainder are classed as indications. Both prospects are on NTS map area 13A/08. They comprise the following:

a. The Rockhopper # 8 sapphire prospect (MODS number 013A/08/Gem001) is hosted in an intrusion of metasomatized anorthosite within a lens of pelitic gneiss (Unit P_{3A}sp; Gower *et al*., 1988; Gower, 2010a) approximately 12.5 km southeast of Port Hope Simpson.

b. The HighREE Island REE prospect (MODS number 013A/08/Ree002), on the Trans Labrador-Highway about 25 km southwest of Port Hope Simpson, is hosted in pegmatite and aplite dykes, which intrude strongly recrystallized foliated granitic rocks (Gower *et al*., 2011).

The four documented mineral showings within the survey area (Pesky Hill, Piperstock Hill, Southern Shore and Toots Cove) are all of REE and all are less than 5 km from the HighREE Island prospect. The mineralization is reported to occur in magnetite-quartz-amphibole veins and associated magnetite–amphibole pegmatites similar to those found in association with the HighREE Island prospect (Search Minerals, news release, November 2, 2010).

Of the 34 mineral indications, one is of Cu (the Bobbys Brook indication on NTS map area 13A/10, 13 km west of Port Hope Simpson), while eleven are of titanium (the Alexis River West showings on NTS map area 13A/10, 48 km northwest of Port Hope Simpson), one of Fe, one of P, one of sapphire and one of garnet; the remainder are of silica or pyrite.

SURFICIAL GEOLOGY

Labrador was covered by the Laurentide Ice Sheet. Based on radiocarbon dates, regional ice retreat from the glacial maximum began at 13 000 years BP (King, 1985). Measured ice-flow directions are predominantly eastward; the five striation measurements within the sampled area range between 077° and 092° (Geological Survey of Newfoundland and Labrador, 2011; Figure 3). Confirmation of this general direction has been provided by the measurements of the orientation of crescentic fractures and rôches moutonnées (McCuaig, 2002a).

Regional mapping of the surficial deposits (Klassen *et al.*, 1992) indicates that the sampled area is mostly covered by undifferentiated till (although till is thin to absent at higher altitudes in

the south), with glaciofluvial sediment in river valleys, ablation till in the northwest and minor occurrences of glaciolacustrine sediment in the northeast (Figure 3). More detailed surficial mapping on NTS map areas 13A/10, 13A/14 and 13A/15 by McCuaig (2002a–d) indicates that till veneer is the most abundant cover type on all three map areas, especially 13A/15. Glaciofluvial material is the second most abundant type, after the till, in NTS map areas 13A/14 and 13A/15, but is very scarce (about 1% of the map area) in 13A/10, where thick till and concealed and exposed bedrock occupy 55% of the total map area, collectively exceeding the area covered by till veneer (37%). Marine sediments cover 1.2% of NTS map area 13A/10, where they are concentrated in the southeast corner.

SAMPLE COLLECTION

Fieldwork was based at Mary's Harbour (52º 18' 11" N, 55º 49' 48" W; 52.303° N, 55.830° W; NTS map area 03D/05), about 12 km from the nearest point in the survey area. Sampling was carried out from a float-equipped Bell 206-BL. A wooden platform was installed over the port float of the helicopter to facilitate sampling, but a winch was not used.

The locations of sample sites are shown in Figure 4. Sampling of both sediment and water followed procedures developed and described by McConnell (2009). Sample sites were selected by laying a 2-km grid over the area to be sampled and selecting one lake or pond within each cell for sampling. In general, smaller bodies of water were selected in preference to larger ones, although it was not always possible to apply this policy rigorously. In fact, over much of the sampled area the latter, and even the former, are absent, and the overall sampling density of one sample per 6.4 km^2 falls short of the target density of one sample per 4 km^2.

Two samples in every sequence of 20 consisted of a field duplicate pair, both of whose numbers (within the 20-sample sequence) were selected randomly; the two duplicate sites were typically separated by a distance of 50–100 m. The following field parameters were recorded at each site: latitude and longitude, sample depth, nature of vegetation surrounding the lake, sample colour, water colour, amount of suspended matter, sediment composition, potential sources of contamination and duplicate status. The NTS 1:50 000 map area number, lake area and lithologic classifications after Wardle *et al*. (1997), and Gower (2010a–c) of the upstream drainage cell were added to the field cards later.

Samples of lake sediment were collected using a tubular steel sampler fitted with a butterfly valve, which opens on impact with the sediment and closes as the sample is retrieved, trapping the contained sediment. The sampler is designed so that once retrieved, it can be inverted and the contained sediment poured into a plastic collection device and thence into a sample bag. The rope used for retrieving the sampler is marked at 1-m intervals to permit estimate of the lake depth at the point of sampling. Samples were stored in pre-numbered, water-resistant Kraft paper bags and air-dried at ambient temperatures for a few days.

Water samples were collected in purified Nalgene bottles, cleaned in the laboratory by leaching with acid and rinsing with distilled and de-ionized water. After collection, the sample bottles were stored in refrigerators before being air-freighted, in coolers, to St. John's.

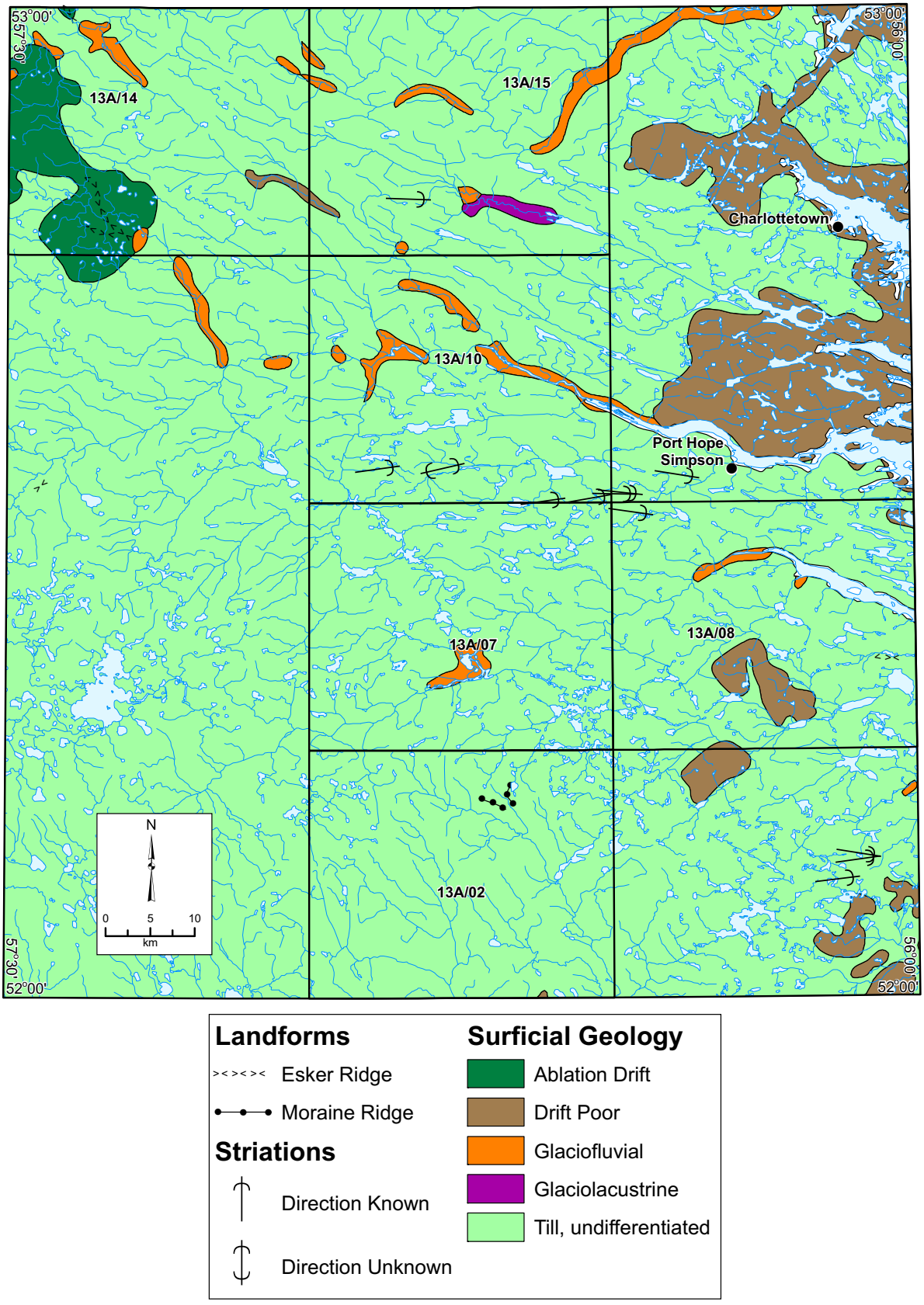
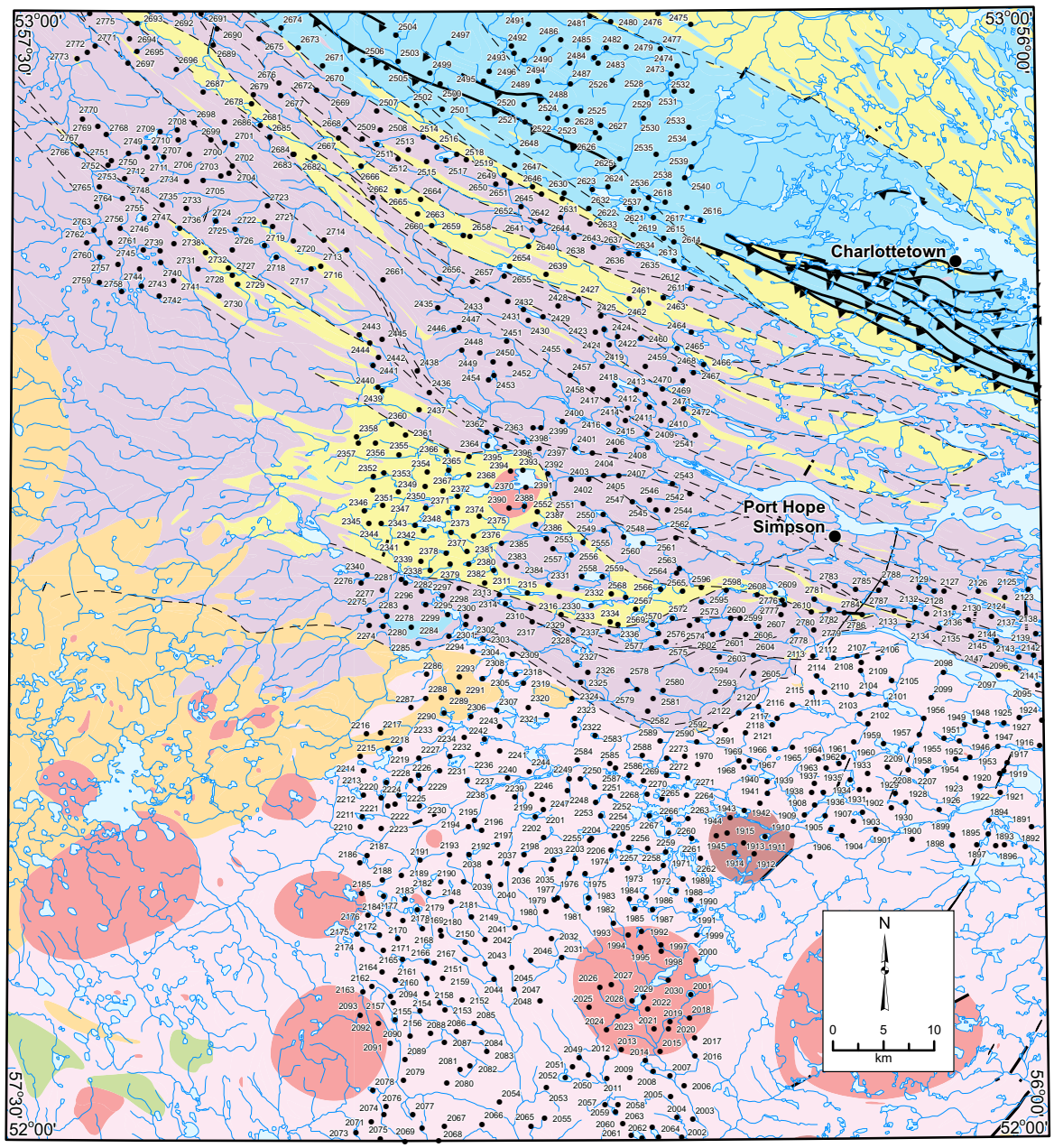


Figure 3. Surficial geology of sampled area.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 4. Locations of 2011 lake-sediment and water samples.

SAMPLE PREPARATION AND ANALYSIS

Preparation

On their arrival at the GSNL laboratory, drying of the sediment samples was completed at 40º C, followed by disaggregation using a mortar and pestle, and screening through a 180 micron (80 mesh) stainless-steel sieve, with the fine fraction being subjected to analysis. Water samples were filtered at the laboratory using a 0.45 μm millipore filtration apparatus.

Analysis

Analytical methods are described in Tables 1 and 2. Sample preparation, and all analyses except the INAA of the sediment samples (performed by Becquerel Labs) and U analysis of the water samples (performed by Maxxam Labs) were carried out at the GSNL's laboratory in St. John's.

In subsequent discussion of the behaviour and distribution of the analyzed parameters, and in the database, the suffixes described in Tables 1 and 2 are used to denote the analytical and (where applicable) digestion methods. This convenient shorthand is specific to the GSNL. No suffixes are used for Loss-on-Ignition, pH or Conductivity.

DATA QUALITY

A reference standard was inserted at a frequency of one in 20, for both the sediment and water analyses. The sediment inserts consisted of the certified reference standards LKSD2, LKSD3 and LKSD4, supplied by Natural Resources Canada. Of the water standards, only two are certified (ESL1 and EPL1, supplied by SCP Science). The other two, RR4 and KB2, were created in-house. Analytical duplicates were also inserted at a frequency of 1 in 20, as were field duplicates, as stated above. After reviewing the water standard analyses, re-analysis of certain sample sequences was requested for Mg, Na, S, Cu, Ni, V and Zn.

Analyses of the sediment standards by ICP-ES, after ostensibly total HF-$HClO_4$–HNO_3– HCl digestion, fell consistently short of the recommended total values for these standards (Lynch, 1990) for certain elements: specifically As (mean shortfall 10% over three standards), Cr (13%), Cu (14%), Ti (23%), Nb (26%), Be (27%) and Zr (mean shortfall 71% over three standards). Strontium was consistently overestimated (19%).

Analytical precision, as calculated on the sediment standards at the 95% confidence level, is summarized in Table 3; analytical precision calculated from analytical duplicates in Table 4; and sample inhomogeneity, calculated from field duplicates, in Table 5. The corresponding data for the waters are listed in Tables 6, 7 and 8. It is acknowledged that because the absolute value of the precision increases (that is, deteriorates) with decreasing concentration level, and because of the positive skew of most elements' frequency distributions, the calculation of a single value for the precision for each element will often produce potentially misleading (and normally pessimistic) estimates of the precision over most of the element's concentration range. Nevertheless, the data provide a rough idea of which elements returned the most and least precise analyses.

Table 1. Analytical methods for lake-sediment samples

ANALYSIS	UNITS	METHOD	METHOD SUFFIX	DIGESTION/ PREPARATION
As, Au[1], Ba, Br, Ce, Co, Cr, Cs, Eu, Fe[2], Hf, La, Lu, Mo, Na[2], Rb, Sb, Sc, Se, Sm, Ta, Tb, Th, U, W, Yb, Zr	Parts per million (ppm) [1]Parts per billion (ppb) [2]Weight per cent	Instrumental Neutron Activation Analysis (INAA)	1	5 to 10 g in shrink-wrapped vial (total analysis)
Al[2], As, Ba, Be, Ca[2], Cd, Ce, Co, Cr, Cu, Dy, Fe[2], K[2], La, Li, Mg[2], Mn, Mo, Na[2], Nb, Ni, P, Pb, Rb, Sc, Sr, Ti, V, Y, Zn, Zr	Parts per million (ppm) [2]Weight per cent	Inductively-Coupled Plasma Emission Spectrometry (ICP-ES)	2	HF-$HClO_4$-HNO_3-HCl (total digestion)
Ag	Parts per million (ppm)	Atomic-Absorption Spectrometry (AAS)	6	HNO_3
Loss-on-Ignition (LOI)	Weight per cent	Gravimetric using muffle furnace raised to 500°C		None

RESULTS

STATISTICAL ANALYSIS

Summary Statistics

The median, arithmetic mean, geometric mean, arithmetic standard deviation, logarithmic standard deviation, minimum and maximum of analytical parameters for lake sediment and lake water are summarized in Tables 9 and 10. Histograms and cumulative-frequency plots for all analyzed elements are included in their respective maps.

Field Observations

Figures 5–8 show the frequency of occurrence and areal distribution of sampling depth, predominant shoreline vegetation types, sample colour and sediment composition, noted during the sampling.

Table 2. Analytical methods for lake-water samples

ANALYSIS	UNITS	METHOD	METHOD SUFFIX	PREPARATION
pH		Corning combination pH electrode		None
Conductivity	Microsiemens (µS)	Corning conductivity sensor		None
Ca, Fe[1], K, Mg, Mn[1], Na, S, Si	Parts per million (ppm) [1]Parts per billion (ppb)	ICP-ES	w1	Filtration (0.45 µm) and HNO_3 acidification
Al, Ba, Be, Co, Cr, Cu, Li, Mo, Ni, P, Pb, Sr, Ti, V, Y, Zn	Parts per billion (ppb)	ICP-ES / ultrasonic nebulizer	w2	Filtration (0.45 µm) and HNO_3 acidification
Fluoride (F-)	Parts per billion (ppb)	Fluoride-ion Specific Electrode	w9	Filtration (0.45 µm)
U	Parts per billion (ppb)	ICP-mass spectrometry (MS)	w3	Filtration (0.45 µm) and HNO_3 acidification

Table 3. Summary of sediment analytical precision, as measured on reference standards

	INAA	ICP-ES	Other
Better than ±5%			
Between ±5% and ±10%	Th, Sm, U, Br, Sb, As, Ba	Ca, Sc, Zn, Na, Al, Cr, K, La, Mg, Co, V, Fe, Sr, Y, Ba, Be, Pb, P, Ce, Li, As	
Between ±10% and ±20%	Na, Co, Sc, Cs, Rb, Yb, Ce	Mn, Ni, Dy, Ti, Cu, Zr, Nb	LOI, Ag
Worse than ±20%	Cr, Ta, Tb, Eu, Hf, Fe, La, Lu, W, Zr, Au, Mo	Rb, Cd, Mo	

The median and maximum sampling depths are 1.5 and 22 m respectively; the latter was reported at 52º 35’ 39” N, 56º 51’ 43” W (52.5941º N, 56.8619º W), west of the centre of NTS map area 13A/10. The northern (NTS map areas 13A/14 and 13A/15) and especially the southern (13A/02) parts of the survey area are characterized by very shallow sampling depths; there are concentrations of deeper lakes in the southwest of 13A/10, over most of 13A/08, and on the eastern part of the border between 13A/02 and 13A/07.

Table 4. Summary of sediment analytical precision, as measured on analytical duplicates

	INAA	ICP-ES	Other
Better than ±5%			
Between ±5% and ±10%		Be, La, P, Sc, Sr, V, Y, Zn	LOI
Between ±10% and ±20%	Br, La, Sm, Zr	Al, Ba, Ca, Ce, Cr, Fe, K, Mg, Na, Ti	
Between ±20% and ±50%	Fe, Na, Sc, Th	Co, Cu, Dy, Li, Mn, Ni, Pb, Zr	
Worse than ±50%	Ba, Ce, Co, Cr, Cs, Eu, Hf, Lu, Rb, Ta, Tb, U, Yb	Cd, Mo, Rb	

Table 5. Summary of sediment inhomogeneity, as measured on field duplicates

	INAA	ICP-ES	Other
Better than ±20%			
Between ±20% and ±50%			
Between ±50% and ±100%	Br, Ta	Ba, Ca, Cd, Cr, Nb, P, Sr	LOI
Worse than ±100%	Ba, Ce, Co, Cr, Cs, Eu, Fe, Hf, La, Lu, Na, Rb, Sc, Sm, Tb, Th, U, Yb, Zr	Al, Be, Ce, Co, Cu, Dy, Fe, K, La, Li, Mg, Mn, Mo, Na, Ni, Pb, Rb, Sc, Ti, V, Y, Zn, Zr	

Table 6. Summary of water analytical precision, as measured on reference standards

	ICP-ES	ICP-ES / ultrasonic nebulizer
Better than ±5%		Mn, Sr, Ba
Between ±5% and ±10%	Na	Co, Li, Be, Cr
Between ±10% and ±20%	Ca, K	Zn, Al, Cd
Worse than ±20%	Fe	Ni, V, Cu, P, Mo, Pb

The most frequently encountered shoreline vegetation type was “Swamp” with 286 instances, closely followed by “Mixed Forest and Swamp” with 269, and “Forest” with 201. The remaining three classifications (“Rock and Forest”, “Barren” and “Tundra”) total only 141 instances. Swamp concentrates in the northwest of NTS map area 13A/02 and over most of 13A/15, while outcrop is most abundant in the southwest corner of 13A/10 and adjacent part of 13A/07. Forest, and mixed forest and swamp, characterize most of the rest of the survey area.

The predominant sample colour was “chocolate brown”, in 364 samples, followed by “brown” in 290. “Greenish brown” sediment was reported in 145 samples, while the remaining six colours (“tan yellow”, “brown, lustrous”, “green”, “grey”, “black” and “grey-brown”) were reported in 73

Table 7. Summary of water analytical precision, as measured on duplicates

	ICP-ES	ICP-ES / ultrasonic nebulizer	Other
Better than ±5%			pH
Between ±5% and ±10%	Fe		Conductivity
Between ±10% and ±20%	Na, S		
Between ±20% and ±50%	Ca, Mn, Si, Sr	Al, Ba, Be, P	Fluoride
Worse than ±50%	K	Cr, Cu, Li, Ti, Zn	

Table 8. Summary of water inhomogeneity, as measured on field duplicates

	ICP-ES	ICP-ES / ultrasonic nebulizer	Other
Better than ±20%			Conductivity, pH
Between ±20% and ±50%	S		
Between ±50% and ±100%	Ca, Fe, Mn, Si	Al,	Fluoride
Worse than ±100%	K	Ba, Be, Cr, Cu, Li, P, Sr, Ti	

samples. The overall geographic impression is, unsurprisingly, of the ubiquity of chocolate brown samples; amongst the exceptions are concentrations of greyish brown and greenish brown samples in the northwest of NTS map area 13A/02, and of greenish brown samples in the northeast of 13A/08.

"Organic peaty", "Organic ooze" and "Organic granular" composition were reported with approximately equal frequency at 260, 255 and 245 sites, respectively. Samples described as "clastic, coarse-grained" and "clastic, fine-grained" were reported at 46 and 67 sites, respectively. There are significant concentrations of such samples in the northwest and southeast of NTS map area 13A/02 and, as will be shown, these textural types appear to be a significant control on the chemical composition of the samples. Elsewhere, samples of organic ooze predominate on NTS map areas 13A/07, 13A/08 and the southern half of 13A/10. Organic granular and organic peaty samples, intermixed, predominate elsewhere.

Element Associations

Correlation matrices for the lake-sediment and lake-water data are displayed in Figures 9 and 10, respectively. Where more than 30% of the analyses of an element were below the analytical detection limit, it was not included in the compilation of the correlation matrices; application of these criteria resulted in the exclusion (in alphabetical order) of Ag6, As1, As2, Au1, Be2, Cs1, Eu1, Hf1, Li2, Lu1, Mo1, Mo2, Nb2, Sb1, Se1, Ta1, Tb1, W1, Yb1 and Zr1 from the sediments, and Bew2, Cdw2, Cow2, Crw2, Liw2, Mow2, Niw2, Pw2, Pbw2, Tiw2, Vw2, Yw2, Znw2 and

Table 9. Summary statistics for lake-sediment data

Analysis	N	Median	Arithmetic Mean	Geometric Mean	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Ag6	818	<0.1	<0.1	<0.1	0.03	0.07	<0.1	0.8
Al2(%)	829	0.76	1.38	0.65	1.752	0.565	0.06	9.55
As1	748	<0.5	<0.5	<0.5	0.25	0.16	<0.5	4.9
As2	829	<2	<2	<2	1.0	0.2	<2	19
Au1(ppb)	748	<1	<1	<1	0.8	0.2	<1	15
Ba1	748	100	193	108	269.37	0.45	<50	1900
Ba2	829	113	203	125	258.3	0.4	20	1749
Be2	829	0.3	0.5	0.2	1.00	0.56	<0.1	23.8
Br1	748	28	28	25	12.1	0.2	2	91
Ca2(%)	829	0.34	0.56	0.40	0.588	0.336	0.07	3.84
Cd2	829	0.2	0.2	0.1	0.10	0.24	<0.1	0.8
Ce1	748	37	64	22	105.0	0.8	1.5	1500
Ce2	829	37	62	25	96.7	0.7	1	1491
Co1	748	3	4	3	6.3	0.3	<2	78
Co2	829	2	4	2	6.8	0.5	<1	73
Cr1	748	<10	13	<10	14.7	0.3	<10	160
Cr2	829	6.2	9.6	5.7	10.30	0.46	0.5	54.3
Cs1	748	<0.5	<0.5	<0.5	0.25	0.17	<0.5	2.8
Cu2	829	5.2	9.2	5.1	12.13	0.48	0.5	96.3
Dy2	829	1.5	2.7	0.8	4.78	0.81	<0.1	103.5
Eu1	748	<0.5	0.7	<0.5	0.86	0.36	<0.5	13.0
Fe1(%)	748	0.5	1.1	0.6	1.75	0.47	0.1	22.8
Fe2(%)	829	0.43	1.10	0.50	1.769	0.548	0.04	22.23
Hf1	748	<1	2	<1	4.3	0.4	0.5	48
K2(%)	829	0.09	0.30	0.10	0.555	0.600	<0.01	3.84
La1	748	21	33	12	49.1	0.7	0.5	757
La2	829	22	36	13	53.0	0.8	<1	831
Li2	829	0.5	1.5	0.4	2.56	0.76	<0.1	28.5
LOI(%)	827	54.7	62.4	51.9	31.67	0.30	1.8	98.9
Lu1	748	0.08	0.16	0.08	0.317	0.488	<0.05	6.96
Mg2(%)	829	0.06	0.16	0.07	0.269	0.558	<0.01	1.98
Mn2	829	57.0	168.4	59.7	429.1	0.7	<1	9046
Mo1	748	<1	1	<1	8.0	0.3	<1	210
Mo2	829	<1	1	<1	7.0	0.3	<1	189
Na1(%)	748	0.09	0.27	0.10	0.525	0.571	<0.05	3.2
Na2(%)	829	0.08	0.30	0.10	0.601	0.594	0.01	4.48
Nb2	829	1	3	1	4.6	0.5	<1	41
Ni2	829	2	5	2	6.4	0.6	<1	39
P2	829	493	821	560	836.8	0.4	135	6211
Pb2	829	3	4	3	3.7	0.4	<1	49
Rb1	748	<5	9	5	16.0	0.4	<5	120
Rb2	829	5	11	5	18.9	0.5	<2	279
Sb1	748	<0.1	<0.1	<0.1	0.03	0.11	<0.1	0.3
Sc1	748	2.2	3.3	1.6	3.98	0.57	0.1	21.3
Sc2	829	2.7	3.7	1.7	4.23	0.61	<0.1	25.0
Se1								
Sm1	748	2.7	4.5	1.7	6.77	0.75	<0.1	116
Sr2	829	40	77	50	99.0	0.3	10	602
Ta1	748	<0.2	0.2	0.2	0.29	0.32	<0.2	2.5
Tb1	748	<0.5	0.5	<0.5	0.77	0.30	<0.5	16
Th1	748	2.2	2.9	1.3	3.59	0.66	<0.1	47.1
Ti2	829	519	1065	392	1644.9	0.7	24	12250
U1	748	0.7	3.4	0.5	26.1	0.8	<0.1	590
V2	829	13	23	8	30.8	0.8	<1	452
W1	748	<1	<1	<1	0.07	0.03	<1	2
Y2	829	8	15	6	27.7	0.7	<1	631
Yb1	748	0.5	1.2	0.7	2.29	0.46	<0.5	50.9
Zn2	829	15	27	18	28.3	0.4	4	239
Zr1	748	<100	88	60	149.8	0.3	<100	1800
Zr2	829	3.8	8.9	3.6	14.51	0.58	<1	88.8

Table 10. Summary statistics for lake-water data

Analysis	N	Median	Arithmetic Mean	Geometric Mean	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Al(ppb)	849	100	137	71	128.2	0.6	<2	688
Ba(ppb)	849	3.1	3.8	1.7	4.50	0.71	<0.1	70.0
Be(ppb)	849	0.1	0.3	0.1	2.93	0.36	<0.1	63.0
Ca(ppm)	849	0.48	0.53	0.35	0.455	0.449	0.01	3.00
Co(ppb)	849	<1	<1	<1	0.03	0.11	<1	1
Conductivity (µS)	850	19.40	21.06	19.35	12.027	0.185	7.10	266.00
Cr(ppb)	849	<0.5	<0.5	<0.5	0.65	0.24	<0.5	14.4
Cu(ppb)	848	4.4	4.9	2.7	4.20	0.59	<0.5	27.1
F-(ppb)	850	19	22	19	12.3	0.3	1	81
Fe(ppb)	849	174	236	139	296.3	0.5	<10	6079
K(ppm)	849	0.05	0.07	0.04	0.080	0.523	<0.01	0.76
Li(ppb)	849	<0.1	<0.1	<0.1	0.18	0.34	0.1	4.3
Mg(ppm)	849	0.18	0.20	0.15	0.146	0.375	<0.01	0.93
Mn(ppb)	849	3.5	4.7	3.2	4.51	0.41	<0.5	52.3
Mo(ppb)	849	<1	<1	<1	0.9	0.2	<1	12
Na(ppm)	849	0.76	0.78	0.69	0.395	0.254	0.14	2.42
Ni(ppb)	849	<1	<1	<1	0.99	0.24	<1	22
P(ppb)	849	<5	6	<5	6.7	0.3	<5	91
Pb(ppb)	849	<1	<1	<1	4.03	0.15	<1	117.7
pH	850	4.94	5.07	5.08	0.515	0.087	4.07	6.71
S(ppm)	849	0.13	0.14	0.13	0.071	0.244	0.05	0.63
Si(ppm)	849	0.29	0.50	0.15	0.557	0.851	<0.01	3.36
Sr(ppb)	849	3.3	3.7	1.7	3.55	0.69	<0.1	28.4
Ti(ppb)	849	0.2	0.9	0.3	1.35	0.74	<0.1	10.9
U(ppb)	847	<0.01	0.02	<0.01	0.070	0.488	<0.01	1.38
V(ppb)	845	<0.2	<0.2	<0.2	0.14	0.19	<0.2	2.5
Y(ppb)	849	<0.1	<0.1	<0.1	0.17	0.32	<0.1	1.8
Zn(ppb)	844	2	3	2	5.0	0.4	<1	90

Uw3 from those of the waters. Also, in the cases where an element was measured by more than one method, only one suite of analyses was included in the calculations; application of these criteria resulted in the exclusion of Ba1, Ce1, Co2, Cr1, Fe2, La1, Na1, Ni2, Rb1, Sc1, from the sediment analyses.

In Figures 9 and 10, the lower left hand quadrant displays, in graphical form, the magnitude of the Pearson correlation coefficients (of data transformed, where necessary, by square-root or logarithmic transformation to create normal distributions) while the Spearman correlation coefficients are displayed in the upper right. The elements are grouped in such as way as to emphasize their co-associations.

These associations are as follows:

a) Na, Rb, K, Sr, Zr, Ti, Mg, Ca, Ba, Al, Sc, Cr, Mn, Fe, V, Zn, Br (oppositely) LOI (oppositely)
b) La, Ce, Cu, Sm, Y, Th, U, Dy and P
c) Cd, Co, and Zn
d) Pb

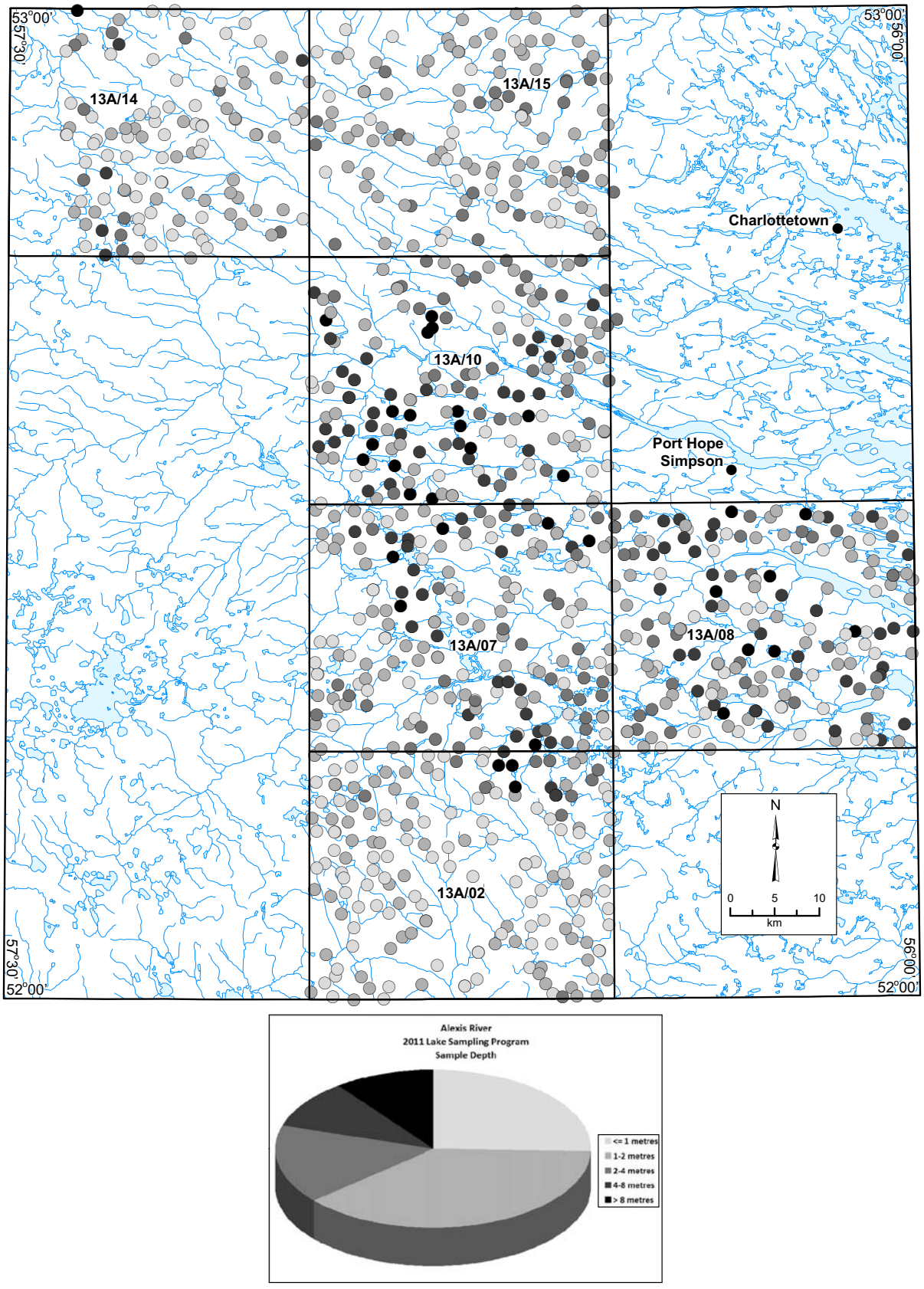


Figure 5. Areal distribution and frequency of occurrence of sampling depth.

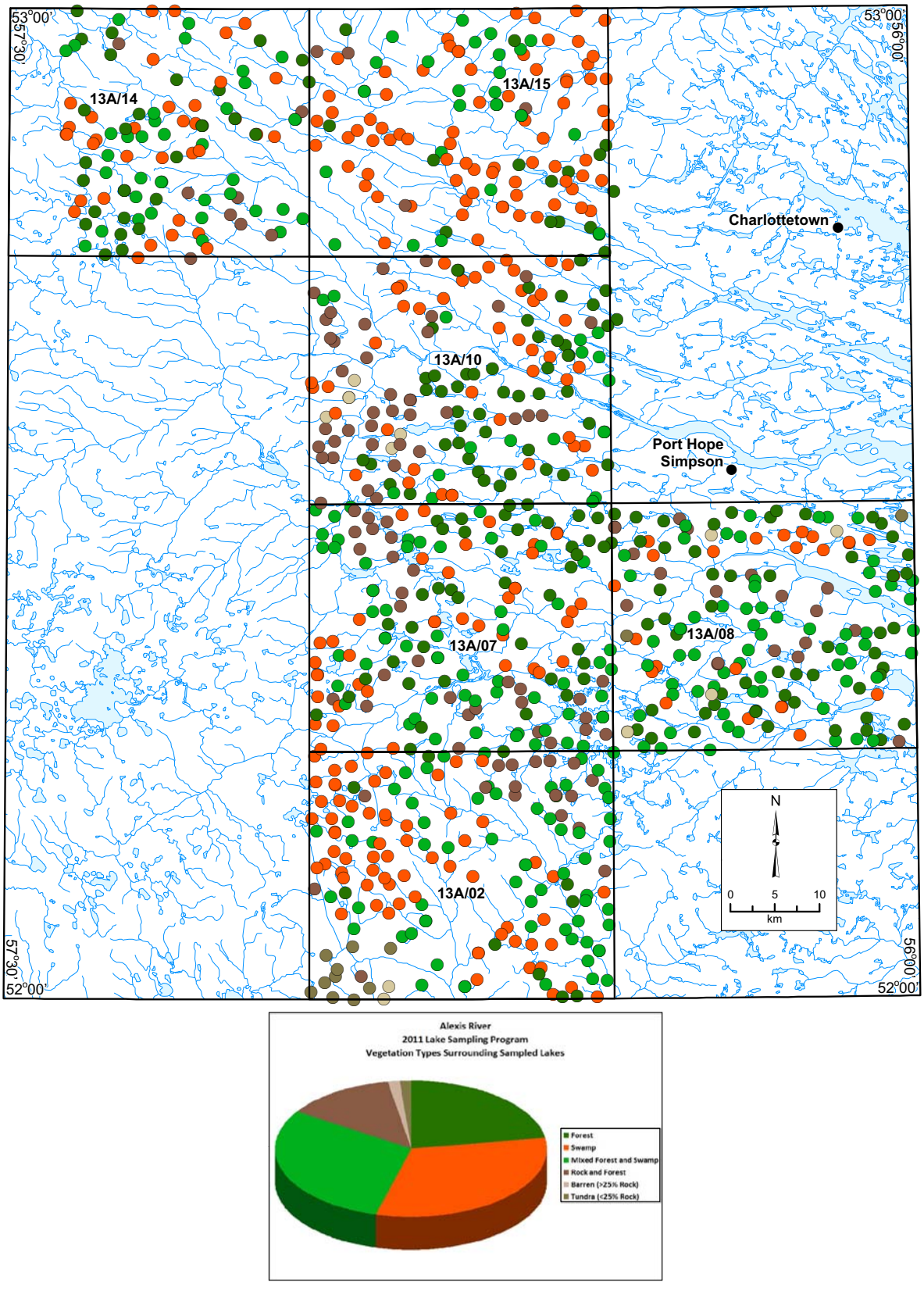
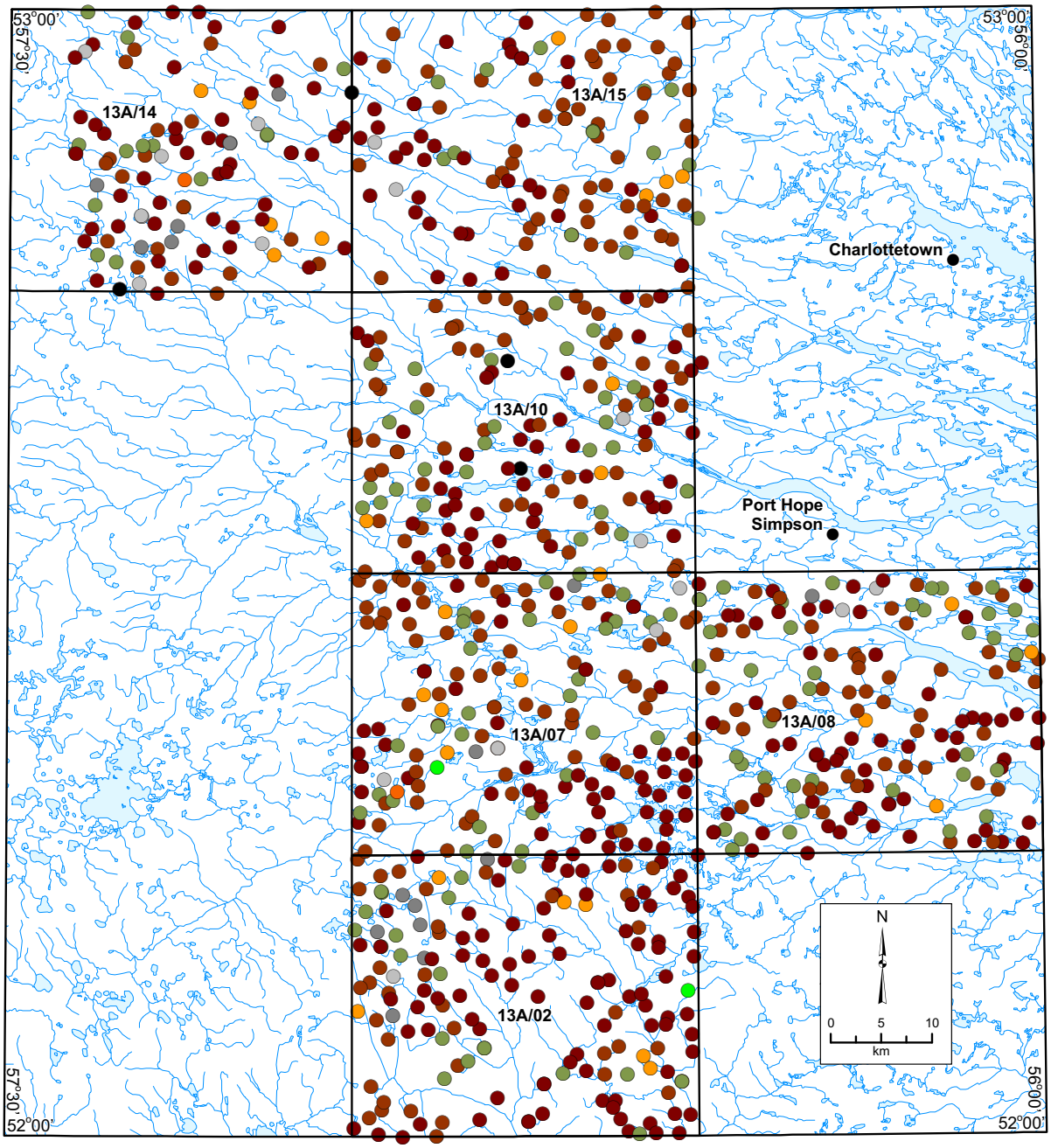


Figure 6. Areal distribution and frequency of occurrence of predominant shoreline vegetation types.



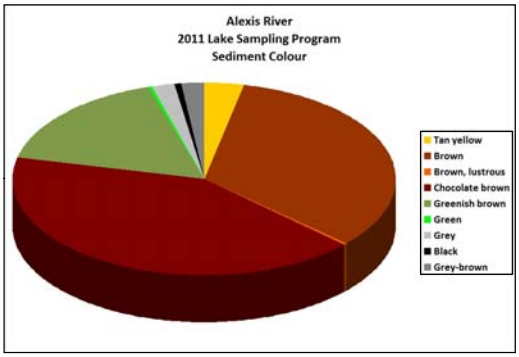


Figure 7. Areal distribution and frequency of occurrence of sample colour.

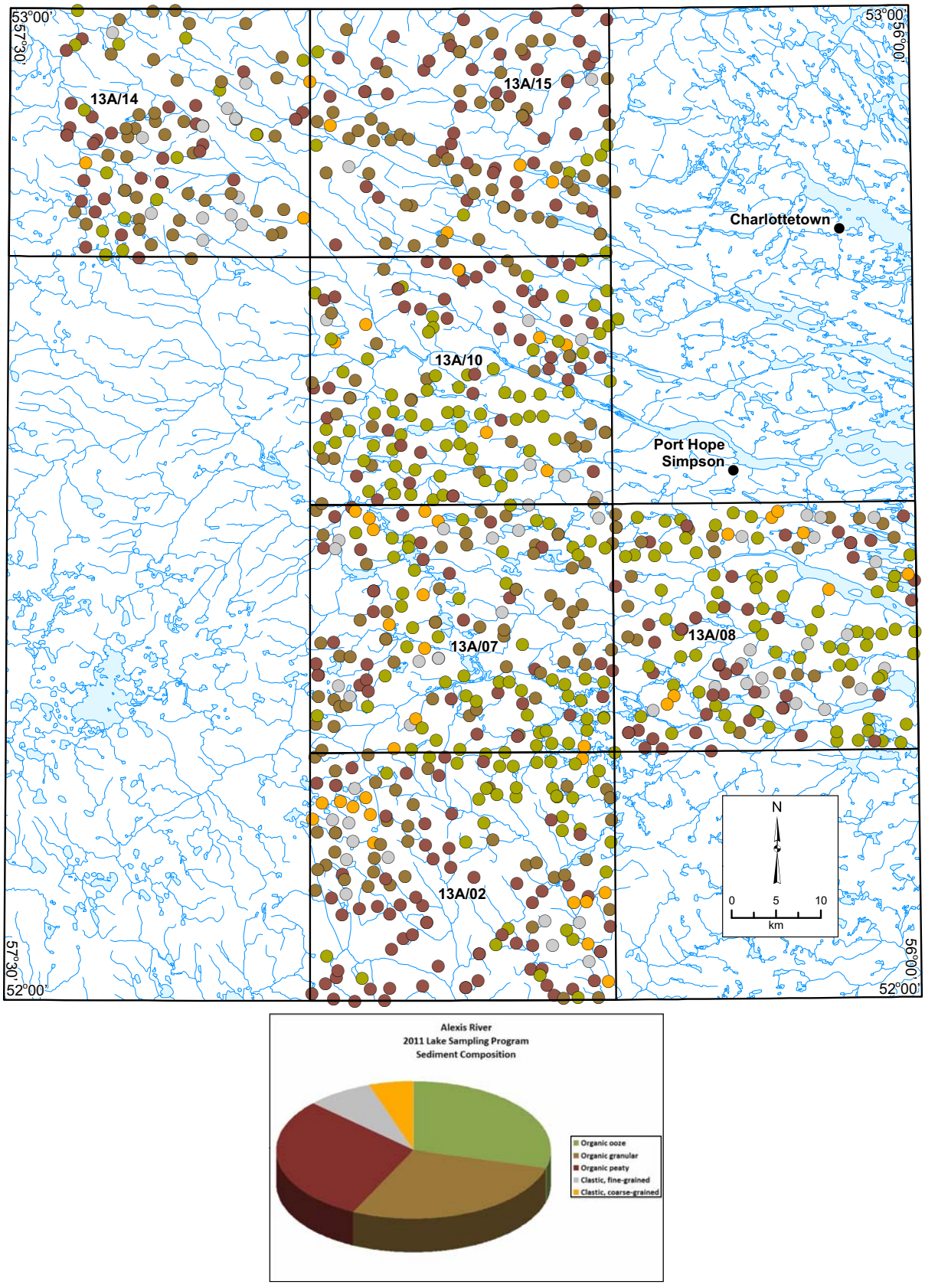


Figure 8. Areal distribution and frequency of occurrence of sample composition.

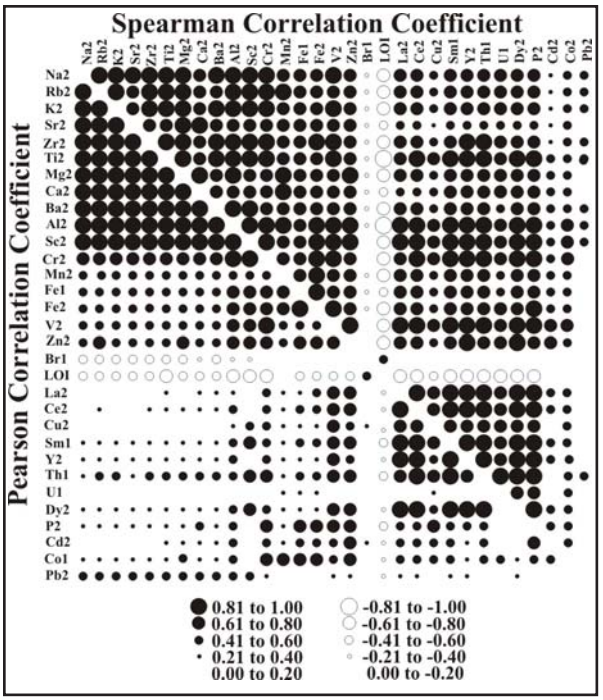


Figure 9. Correlation matrix for lake-sediment data.

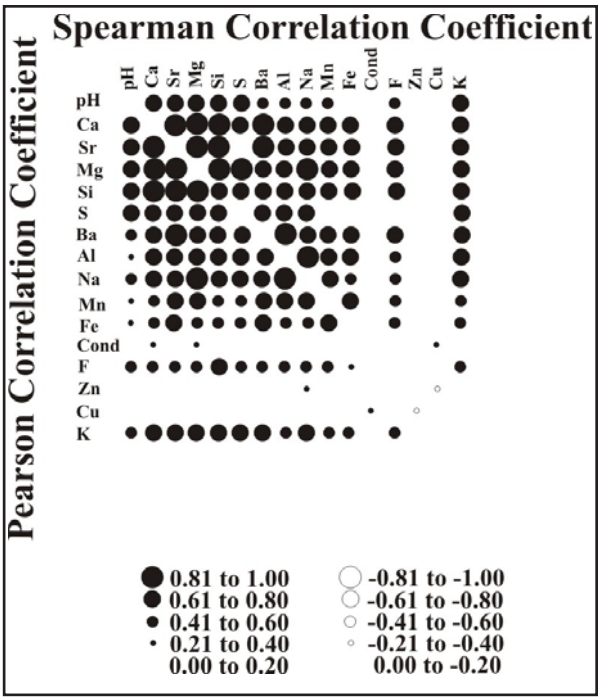


Figure 10. Correlation matrix for lake-water data.

Element associations in the lake waters, identified in the same way as for the sediments comprise:

a) pH, Ca, Sr, Mg, Si, S, Ba
b) Al, Na, Mn, Si
c) Fe, Mn, Ba
d) Conductivity
e) F^-
f) Cu
G) K

ELEMENT DISTRIBUTION IN LAKE SEDIMENT AND WATER

Selected symbol plot maps of lake-sediment and water geochemistry are displayed in the main body of the report (Figures 11–29), while the remainder are included in Appendices 3 and 4.

In most cases, the data for each element are divided into six class intervals, separated by cut-points determined using Jenks' Optimization (Slocum *et al*., 2009). However, in the not infrequent cases where the optimization process resulted in an uppermost category that comprised less than one per cent of the total, the two (or in some cases, more than two) topmost intervals were merged to facilitate map interpretation. As an exception, the symbols for LOI values in sediment, and pH in water, are based on 20-percentile (quintile) intervals.

Sediment Data

The behaviour of selected elements is described below. In general, only one element from each of the associations described above, plus elements that are uncorrelated, are correlated ambiguously, or are of particular economic interest, are described in the main body of the report. All remaining geochemical symbol maps are included in Appendices 2 and 3. Conspicuous multi-element anomalies are described briefly in a later section.

Sodium (Na2)

Sodium correlates most strongly with K2 (Spearman correlation coefficient 0.98), Zr2 (0.96), Ti2 (0.95), Al2 (0.91), Rb2 (0.90), Sc2 (0.88) and Cr2 (0.87). Its strongest negative correlation coefficients are with LOI (-0.80) and Br1 (-0.35).

The distribution of Na2 shows a conspicuous relation to the amount of clastic material in the samples (Figures 8 and 11). Samples described as "clastic, fine-grained" and "clastic, coarse-grained" are widely scattered over the northern part of the survey area, as are samples whose Na2 analyses fall within the uppermost (red) class interval, although the correspondence between the two groups of samples is close, but not total.

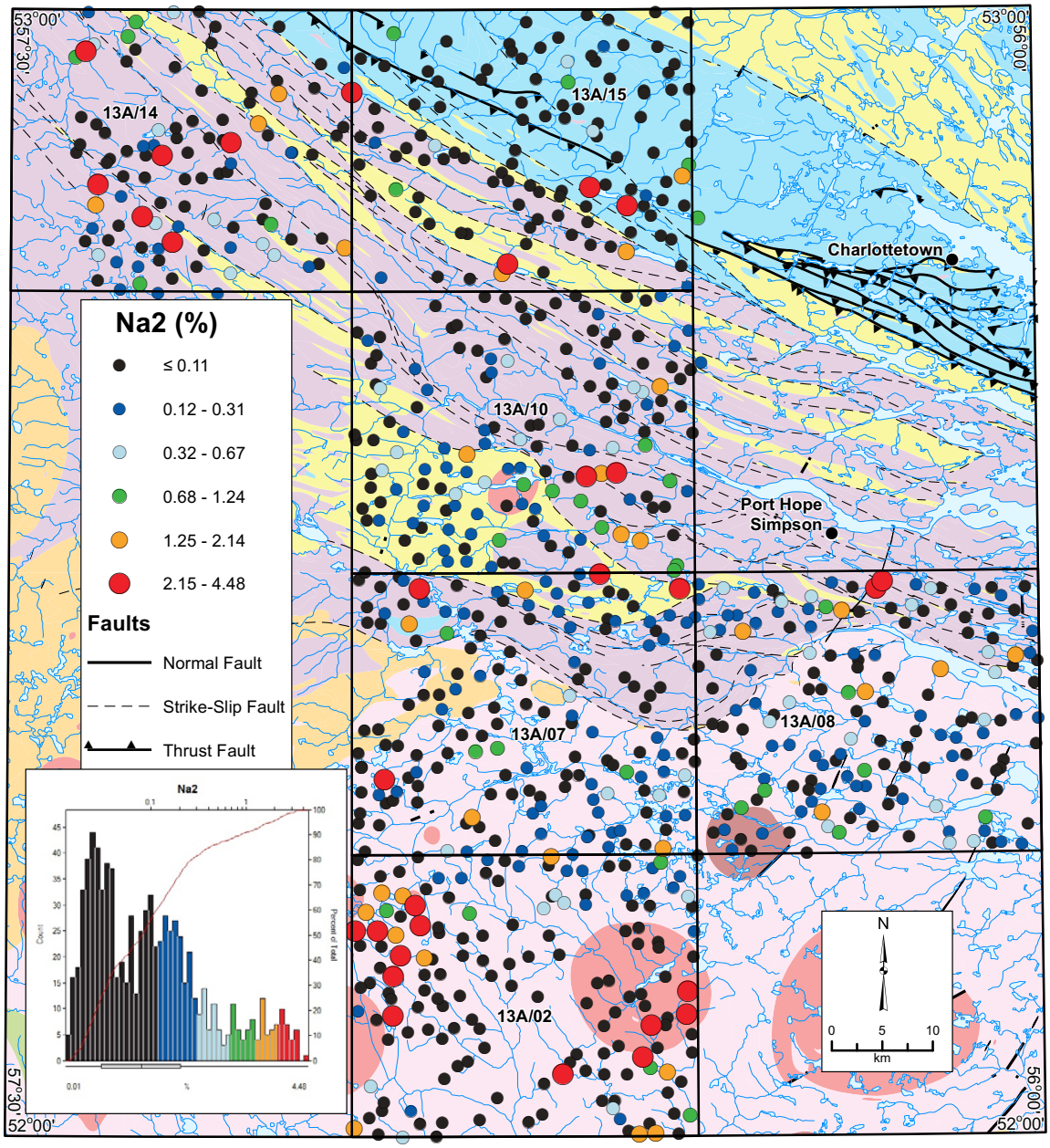
Two clusters of samples on NTS map area 13A/02, centred on 52º 10' 30" N, 56º 56' 20" W (52.175º N, 56.939º W) in the northwest, and probably derived from the extensive late Paleoproterozoic or early Mesoproterozoic granite Unit PMgr; and centred on 52º 5' 56" N, 56º 32' 42" W (52.099º N, 56.545º W) in the southeast, show similarly strong Na2 responses. Although the overall association (Al2, Ba1, Ba2, Be2, Ca2, Cr1, Cr2, K2, Li2, Mg2, Na2, Rb1, Rb2, Sc1, Sc2, Sr2, Ta1, Ti2, Zr1, Zr2) is essentially the same in both clusters, they differ in other compositional respects: the southeastern feature, which is proximal to an intrusion of early Neoproterozoic granite (Unit M_{3D}gr) that has been termed the Upper Pinware River Pluton (C. Gower, pers. comm., 2012) and probably derived from it, shows stronger responses for Be2, Eu1, Mg2, Nb2, Rb1, Rb2, Sc1, Sc2, Ta1, Ti2, Zr1 and Zr2 than its counterpart in the northwest.

Lanthanum (La2)

The strongest correlations with this element are displayed by Ce2 (Spearman correlation coefficient 0.99), Sm1 (0.96), Y2 (0.95) and Dy2 (0.94).

Samples returning La2 values in the uppermost two class intervals are disposed over most of the Southwest Pond Granite, and define what may be a glacial dispersion train extending about 15 km to the east (Figure 12). Many other REE, as well as Li2 and Th1, exhibit a similar dispersion train. Striation information is lacking locally.

Samples with La2 values in the same two classes are scattered (and interspersed with samples returning lower values) over the southeastern quarter of NTS map area 13A/07 and the adjacent part of 13A/02. A similar feature is defined, to a greater or lesser extent, by Ce1, Ce2, Dy2, P2, Sm1, Tb1, Th1, Y2 and Yb1, as well as fluoride in waters, but not by Eu1 or Lu1. The underlying bedrock is dominated by Unit PMgr (*see* above) but there are numerous slivers of other units,



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

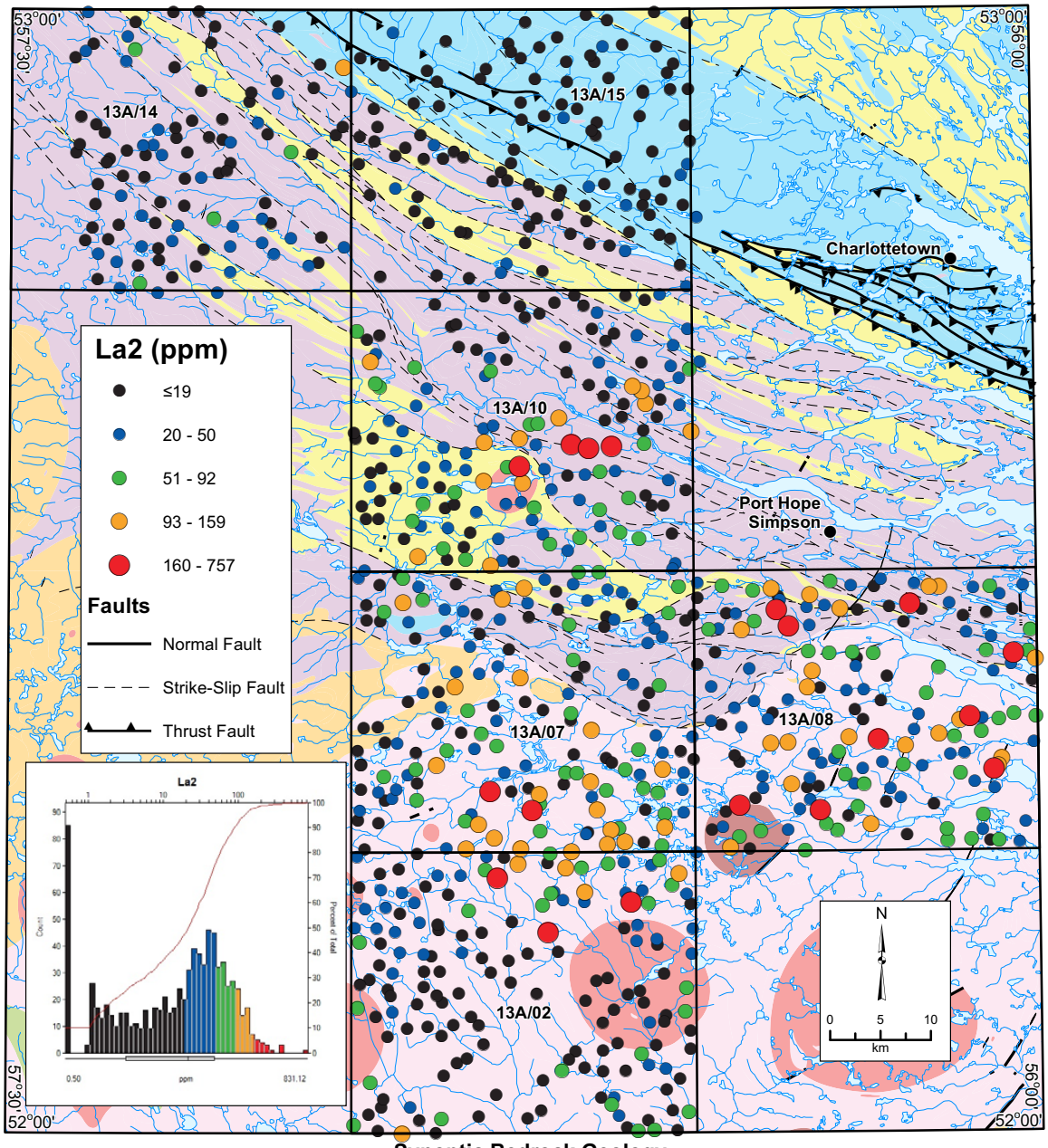
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 11. Sodium (Na2) in lake sediment.



Synoptic Bedrock Geology

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Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 12. Lanthanum (La2) in lake sediment.

including PMyq (quartz syenite), PMsp (pelitic gneiss), PMmq (quartz monzonite), PMss (psammitic gneiss), PMgd (granodiorite), PMgp (porphyritic granite), PMmd (monzodiorite) and PMdr (diorite), whose age relation to PMgr is uncertain. There are also two small intrusions of the younger granite Unit M_{3D}gr, to the west of the La-enriched samples, in the southwestern corner of NTS map area 13A/07. One, with a mapped outcrop area of 2.4 km^2, is centred on 52º 16' 6" N, 56º 52' 54" W (52.268º N, 56.882º W), while the other, of only 1.3 km^2, is centred on 52º 12' 53" N, 56º 54' 31" W (52.214º N, 56.909º W).

The above feature is semi-contiguous to the east, onto the southern part of NTS map area 13A/08, and extends to the easterly limit of 2011 sampling. However, La2 values increase in the vicinity of a circular intrusion of Unit M_{3D}gr, 46 km^2 in area, centred on 52º 16' 2" N, 56º 25' 15" W (52.267º N, 56.421ºW) which may, therefore, represent the source of a separate, somewhat less well-defined, dispersion train. Similar responses are exhibited by Ce1, Ce2, Dy2, Eu1, La1, Lu1, Mo1, Mo2, P2, Sm1, Tb1, Th1, Y2 and Yb1. The Fw9 response in waters of this easterly extension is, however, weak.

Although samples returning La2 values in the uppermost two class intervals were collected in the vicinity of the new REE discoveries in the northeast of NTS map area 13A/08, the features they define are less distinct than any of those described above.

Finally, a concentration of La2 values in the uppermost two class intervals is present in the northwest of NTS map area 13A/08, and terminates against the limit of sampling. No late intrusions have been mapped in the vicinity, and although the feature is crudely along strike from the new REE discoveries to the SE, there is no evidence that it is directly derived from the same rock units. The element association is, however similar, comprising Be2, Ce1, Ce2, Cu2, Dy2, La1, Lu1, Mo1, Mo2, P2, Sm1, Tb1, Th1, U1, and Y2.

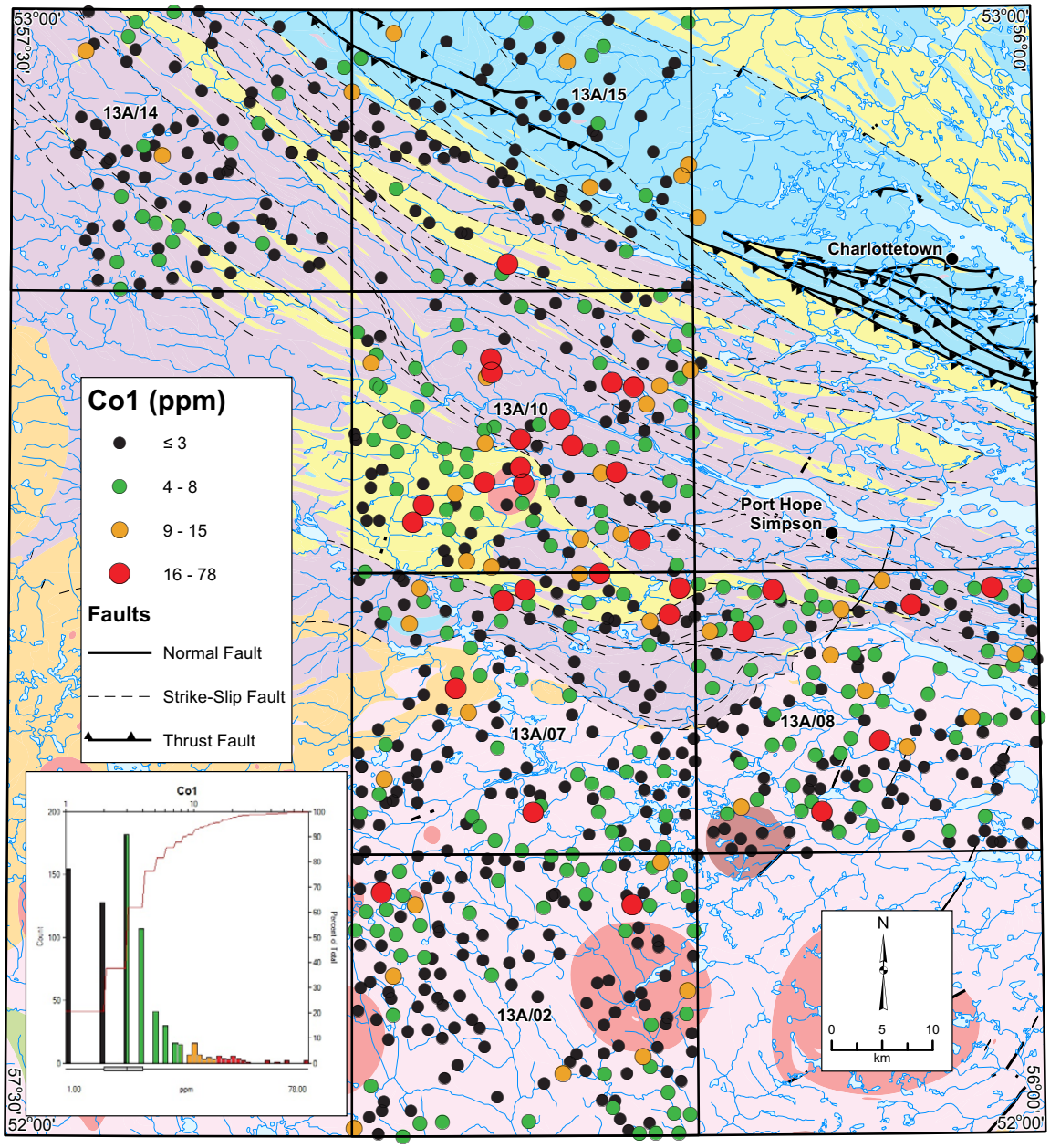
Cobalt (Co1)

Cobalt correlates most strongly with V2 (Spearman correlation coefficient 0.64), Cr2 (0.64), Sc2 (0.62), and Al2 (0.62). Samples returning Co1 values in the uppermost two categories form a distinct linear, southwest–northeast-trending zone extending both southwest and northeast of the Southwest Pond Granite (Figure 13). In this respect, Co1 differs from La2 and the co-associated REE elements described above, whose dispersion is concentrated to the northeast of the pluton. The distribution of As1, As2, Cd2, Co2, Cr1, Cr2, Cu2, Fe1, Fe2, Mn2, Ni2, P2, Sc1, Sc2, V2 and Zn2 outlines the same feature as Co1.

The remainder of the samples returning Co1 values enriched to the same extent (although they are interspersed with samples returning lower values) are concentrated in the southern half of NTS map area 13A/10, adjacent part of 13A/07 and the latter's extension into 13A/08.

Lead (Pb2)

Lead's strongest correlations are with K2 (Spearman correlation coefficient 0.50), Zr2 (0.49), and Ti2 (0.49). The highest values are concentrated in the vicinity of the new REE discoveries (and the sapphire occurrence) in the northeast corner of NTS map area 13A/08, and define an



Synoptic Bedrock Geology

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(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 13. Cobalt (Co1) in lake sediment.

anomaly at least as strong and homogeneous as any of the REE (Figure 14). C.F. Gower (pers. comm., 2012) has suggested that the Pb enrichment may be related to the local abundance of pegmatite.

Another concentration of such values is located in the southeast of NTS map area 13A/02. Enriched values of As1, As2, Au1 and Sb1 are also present in the same area.

Cesium (Cs1)

Almost all of the Cs1 values that fall within the uppermost two class intervals were returned for samples collected over and to the southeast of the Southwest Pond Granite (Figure 15). The direction of this dispersion, which extends at least 30 km onto NTs map area 13A/08, contrasts with the northeasterly direction indicated by the REE (*see* above). It is, however, more in harmony with the predominant direction of present-day drainage in the area, although the axis of the anomaly crosses the watershed of the St. Lewis and Alexis rivers. Similar patterns are displayed by Hf1, K2, Li2, Nb2, Rb1, Rb2, Sc1, Sc2, Ta1, Th1, Ti2 and Zr2.

Uranium (U1)

The most significant concentrations of uranium lake-sediment values in the uppermost two class intervals are located over and to the west of the Southwest Pond Granite (Figure 16). The former feature trends in a northeasterly direction and extends to the southwest (but not to the northeast) of the granite. The latter trends slightly east of due north in the west of NTS map area 13A/10 and is underlain by Unit P_{3A}sp (late Paleoproterozoic metapelite) and P_{3B}gp (late Paleoproterozoic foliated to gneissic megacrystic/porphyritic granitoid rocks). Both of these features are also delineated by enriched values of Mo2.

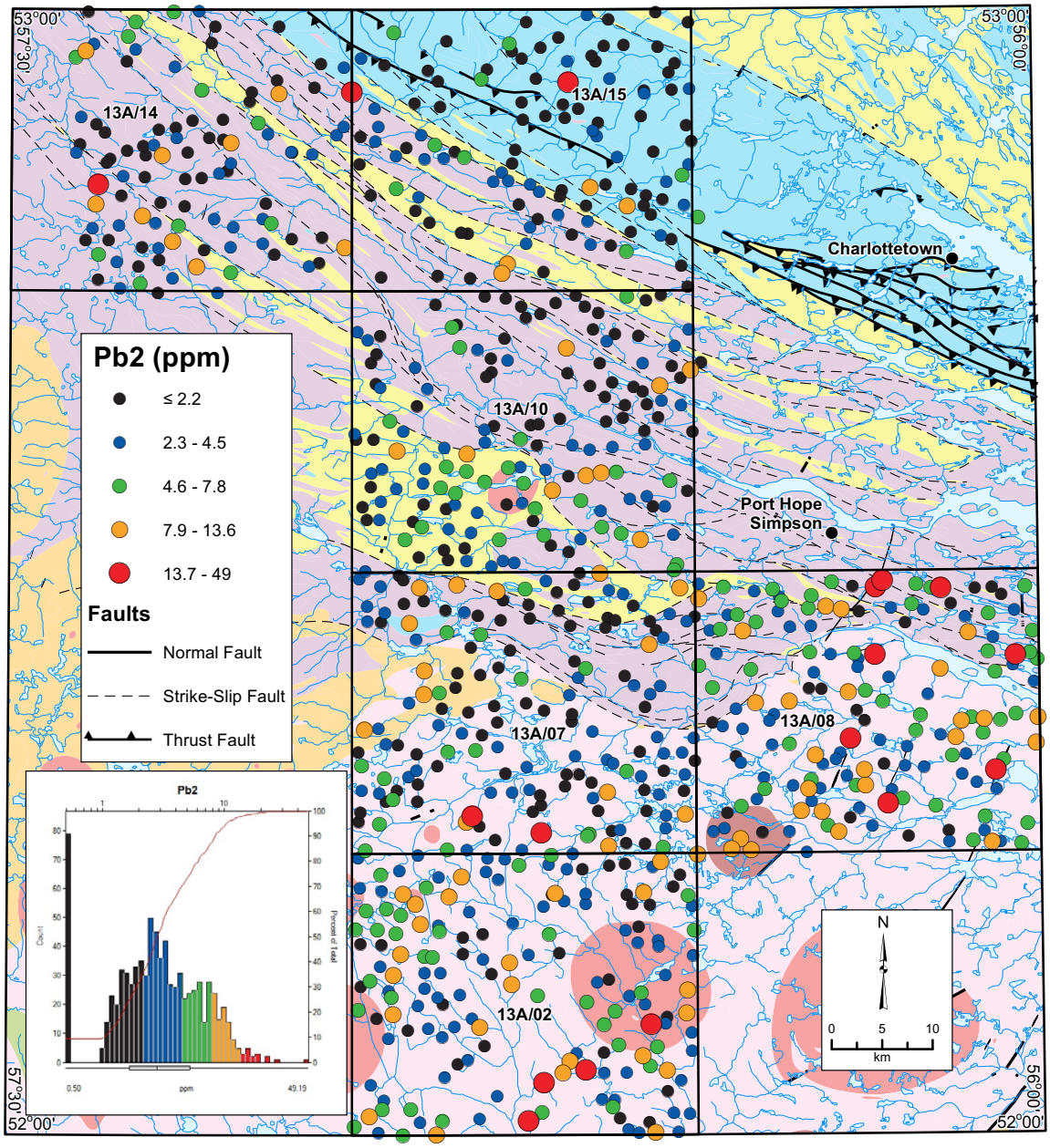
The Alexis River Tributary #4 U occurrence (MODS number 13A/11/U001) is located about 18 km to the northwest, along the regional strike direction, although its mapped host rocks are not the same. The relationship between the anomaly and the occurrence may become more apparent when sampling is completed on NTS map area 13A/11.

A few U1 values in the uppermost two class intervals are located in the northwest of NTS map area 13A/08; an area where enriched values of Be2, Ce1, Ce2, Cu2, Dy2, La1, La2, Lu1, Mo1, Mo2, P2, Sm1, Tb1, Th1 and Y2 are also apparent.

Three very high U1 values of 590, 335 and 190 ppm are located at 52º 35’ 37” N, 56º 45’ 14” W (52.594º N, 56.754º W), 52º 34’ 29” N, 56º 56’ 6” W (52.575º N, 56.935º W) and 52º 37’ 32” N, 56º 55’ 29” W (52.625º N, 56.925º W). The first of these is located over the Southwest Pond Granite, whereas the other two are from the west of NTS map area 13A/10, over Unit P_{3A}sp.

Bromine (Br1)

Bromine concentrates mainly, although not exclusively, on NTS map area 13A/08, with the highest values returned for sediment samples from locations closest to the coast (Figure 17). It seems reasonable to attribute this feature to the proximity of salt water. There is, however, anoth-



Synoptic Bedrock Geology

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M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

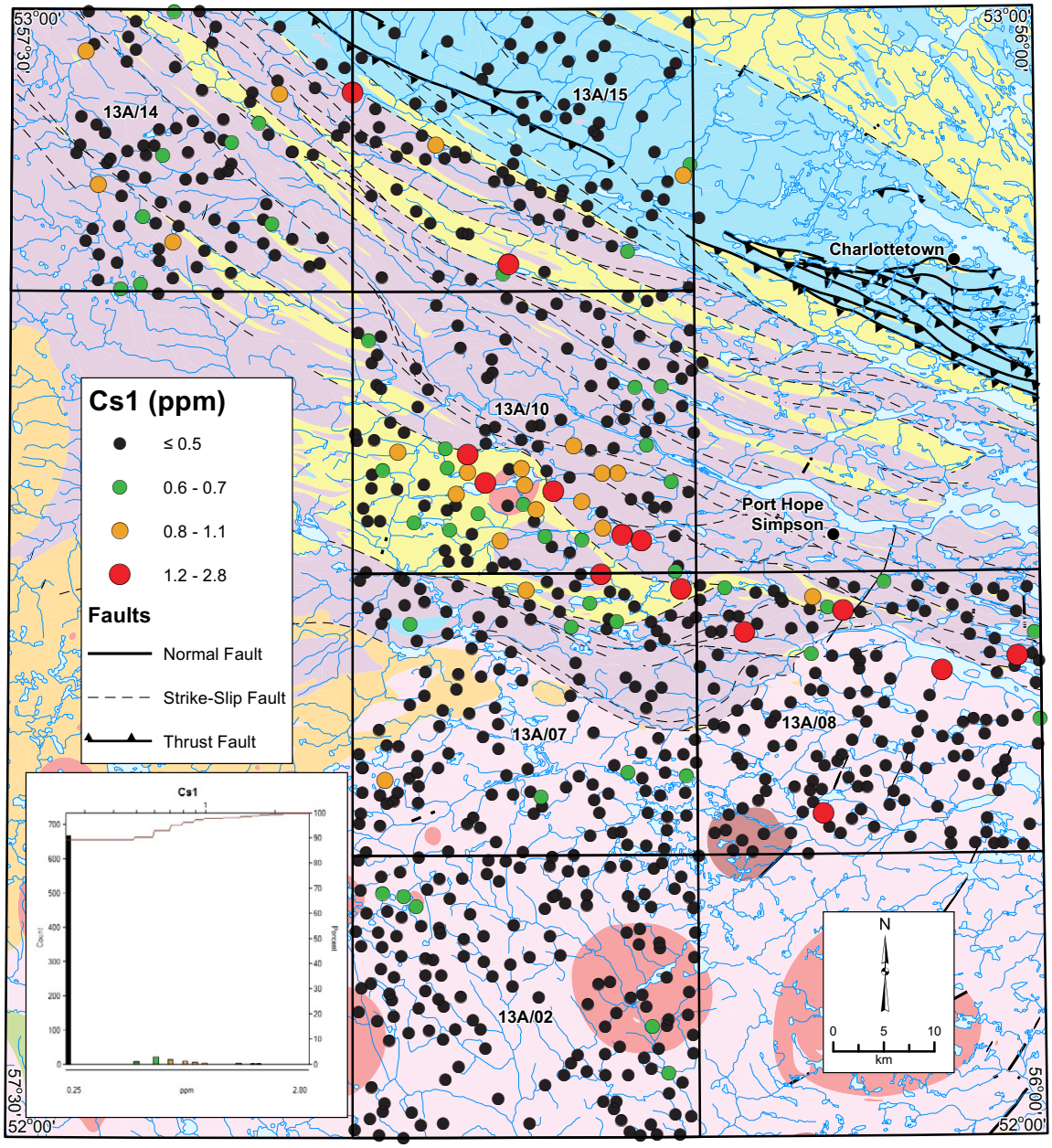
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 14. Lead (Pb2) in lake sediment.



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M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

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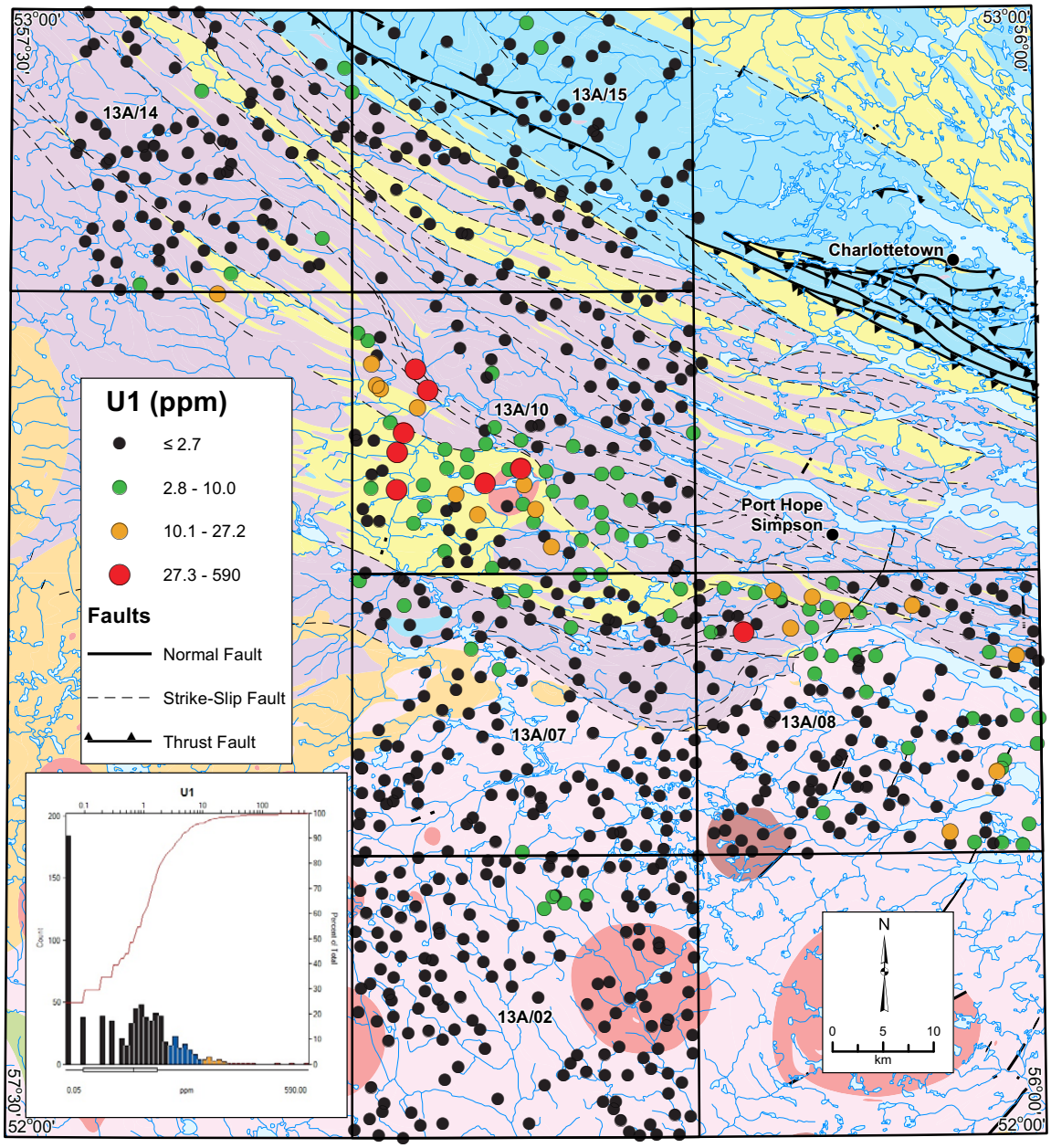
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 15. Cesium (Cs1) in lake sediment.



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M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

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P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

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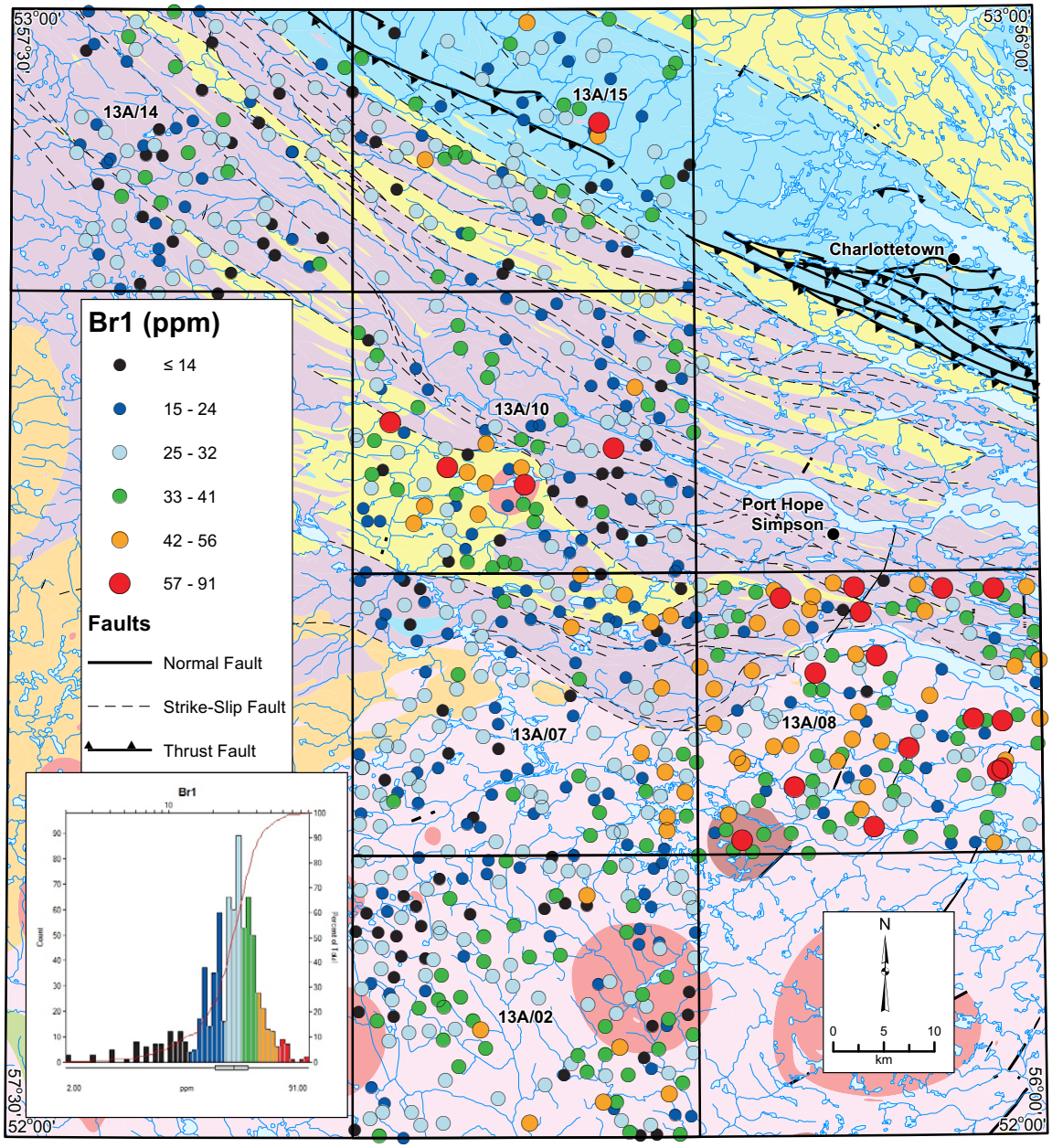
P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 16. Uranium (U1) in lake sediment.



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Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 17. Bromine (Br1) in lake sediment.

er concentration of samples whose Br1 values are in the uppermost two class intervals, over the Southwest Pond Granite. This concentration of points is elliptical, with long access trending east-northeast, and extending both east and west of the intrusion.

Loss-on-Ignition (LOI)

Values of LOI in the uppermost two class intervals form a conspicuous concentration in the north of the sampled area (Figure 18). There appears to be a geological control (presumably indirect) on this feature as the orientation of its southwestern boundary corresponds to the regional strike. A second concentration of high values is located in the west of NTS map area 13A/02, directly to the south of an equally conspicuous concentration of samples with LOI values in the lowermost class interval. The latter sediment samples exhibit enrichment in Al2, Ba1, Ba2, Be2, Ca2, Cr1, Cr2, K2, Li2, Mg2, Na2, Rb1, Rb2, Sc1, Sc2, Sr2, Ta1, Ti2 and Zr2 and the low LOI levels are to be expected in view of the relatively high amounts of clastic material noted in the sediment. In the east of NTS map area 13A/02, there is a similar association in samples collected south of the Upper Pinware River Pluton (*see* above).

Water Data

Water analyses are described in the same way as those of the sediments, with a limited number of representative and important elements being described. Of the many water analyses whose frequency distributions were too severely truncated by the analytical detection limit for meaningful correlation coefficients to be calculated, the aerial distribution of Yw2 and Uw3 will also be described.

Strontium (Srw2)

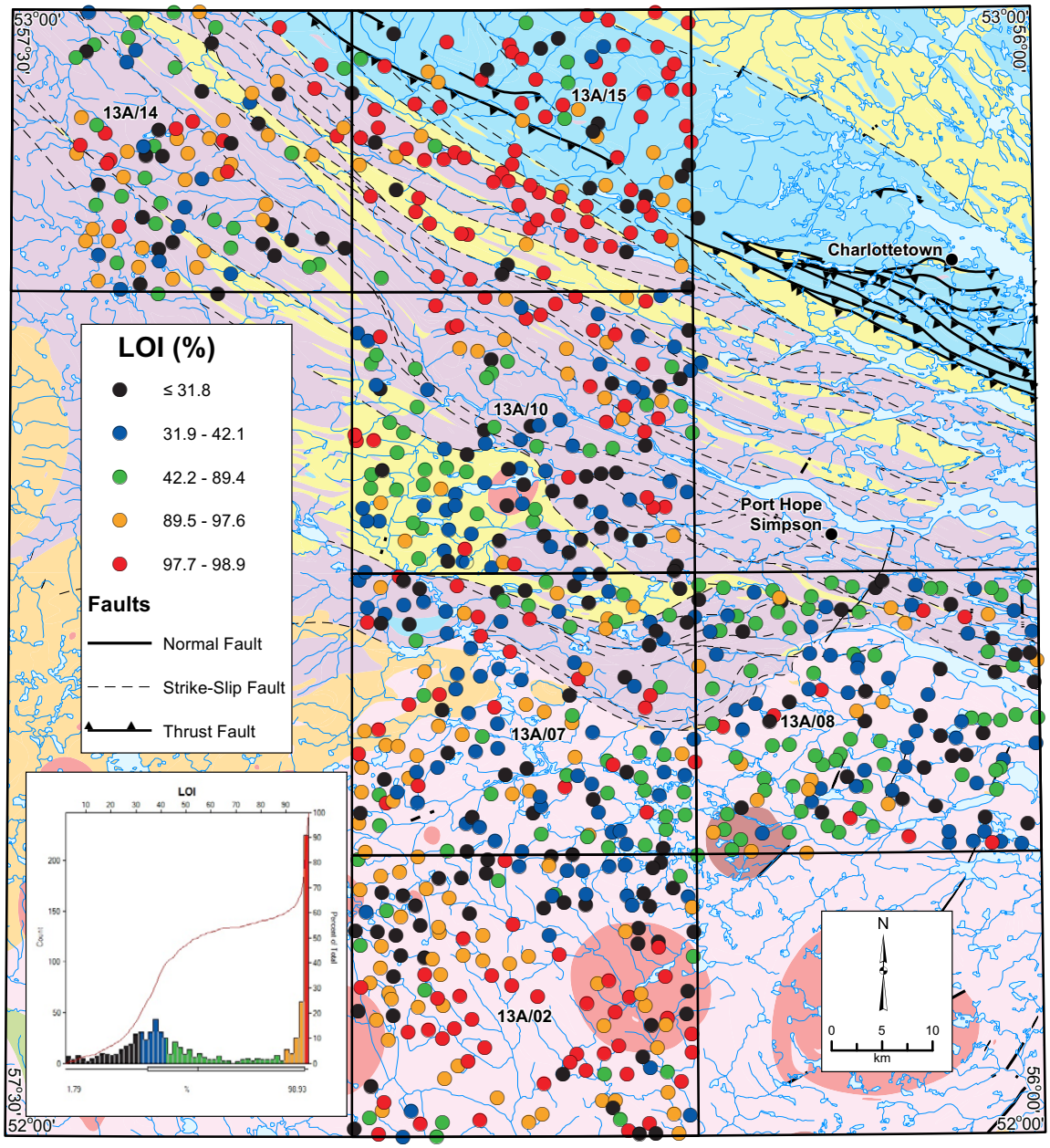
Strontium correlates most strongly with Caw1 (Spearman correlation coefficient 0.93), Mgw1 (0.90), Baw2 (0.89) and Siw1 (0.88).

Most samples returning values in the uppermost two class intervals are concentrated along the Trans-Labrador Highway, northwest of Port Hope Simpson (Figure 19). A few more are concentrated along the contact between the Interior Magmatic Belt, and Exterior Thrust Belt, north of the centre of NTS map area 13A/07. These latter samples are marginal to a linear local maximum (green sample points) extending more than 40 km in a northwesterly direction from the centre of NTS map area 13A/07 to the western boundary of NTS map area 13A/10. This latter feature is also delineated by enriched Caw1 values.

Aluminum (Alw2)

The strongest correlations with this element are those of Naw1 and Baw2 (Spearman correlation coefficients 0.81), Siw1 (0.80), Mgw1 (0.79), Srw2 (0.79) and Caw1 (0.76).

Values in the topmost two class intervals concentrate conspicuously around the REE discoveries on NTS map area 13A/08, and to the east of the Southwest Pond Granite (Figure 20). This feature may be related to the abundant pegmatite in the area, including the veins that host the REE



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

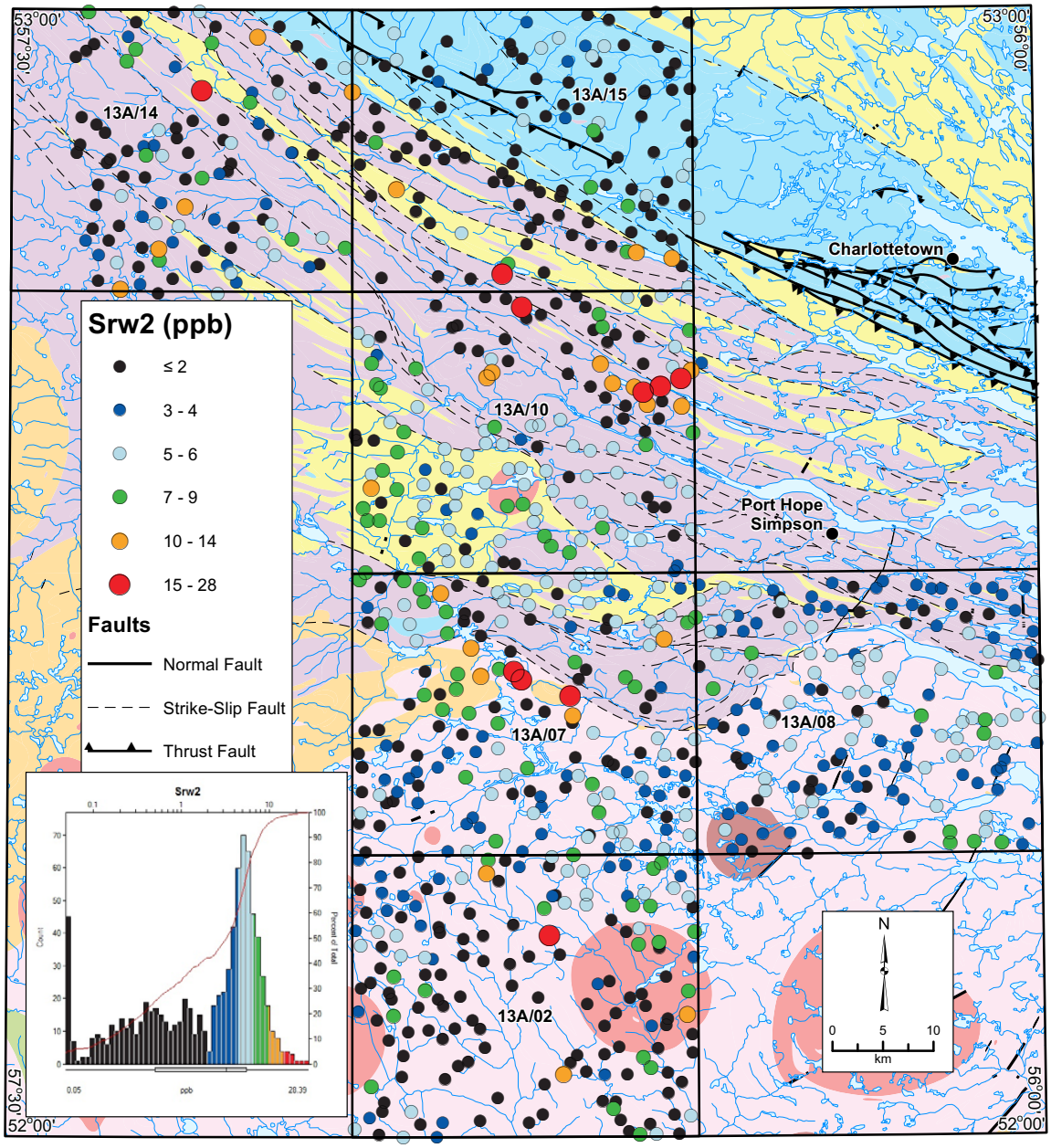
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 18. Loss-on-Ignition (LOI) in lake sediment.



Synoptic Bedrock Geology

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P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

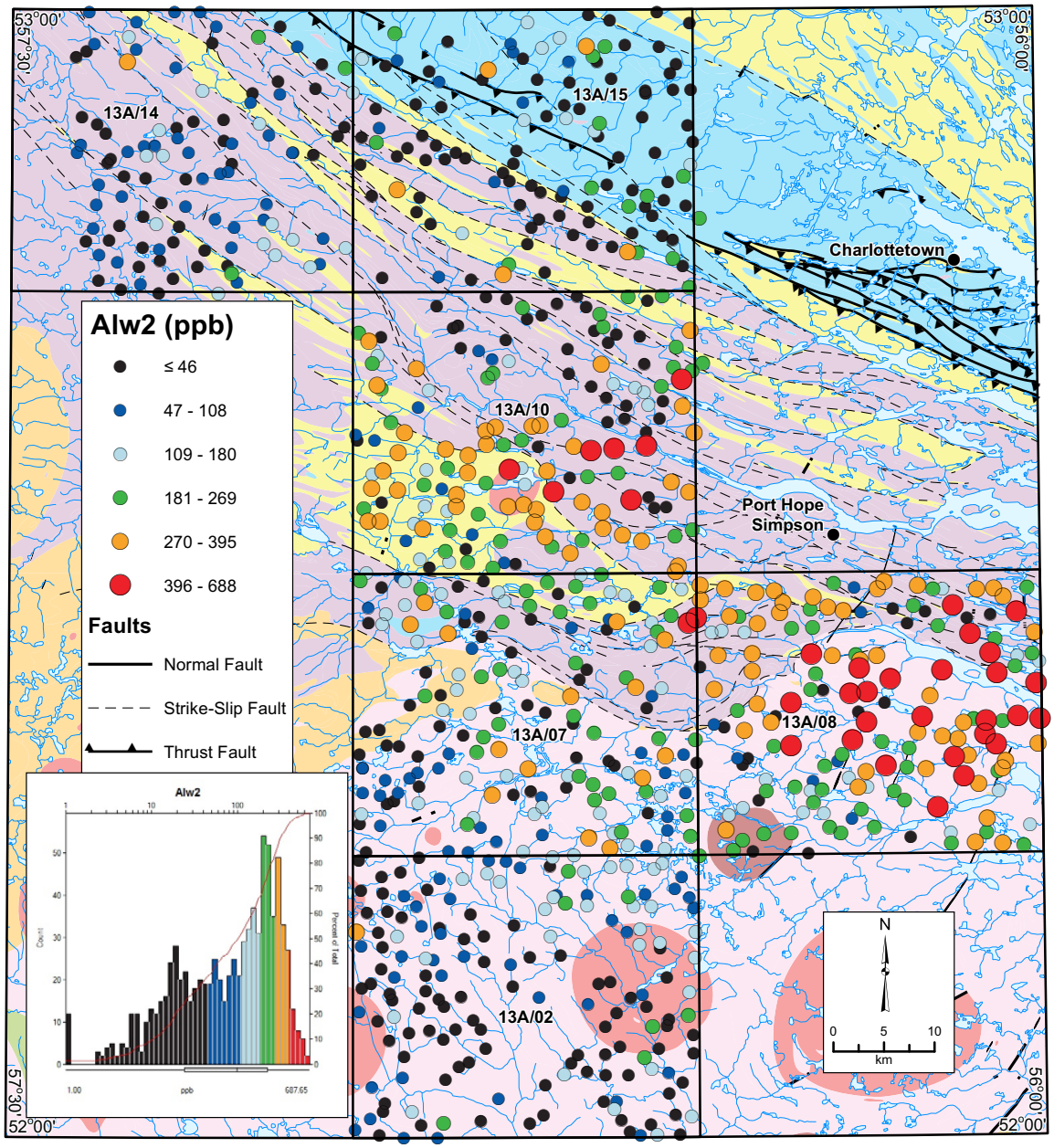
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 19. Strontium (Srw2) in lake water.



Synoptic Bedrock Geology

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M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

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P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

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P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 20. Aluminum (Alw2) in lake water.

mineralization. The former feature is echoed in the responses of Bew2, Kw1, Liw2, Mnw1, Tiw2, Yw2 and Naw1, although the enrichment in the last-named element may be a consequence of marine incursions or windblown sea spray (*cf.* Br1 in sediment, above)

Iron (Few1)

Correlations are strongest with Baw2 (Spearman correlation coefficient 0.71), Mnw1 (0.70), Srw2 (0.69), Alw2 (0.69), Mgw1 (0.65), Caw1 (0.65) and Siw1 (0.61). Concentrations of iron enrichment in waters are apparent in the northwest and east of NTS map area 13A/02, in the same locations as two features delineated by Al2, Ba1, Ba2, Be2, Ca2, Cr1, Cr2, K2, Li2, Mg2, Na2, Rb1, Rb2, Sc1, Sc2, Sr2, Ta1, Ti2 and Zr2 in sediments, and believed to be related to the relatively high proportion of clastic material in the sediment (Figure 21).

Potassium (Kw2)

Rather than showing strong correlations with a few elements, K displays relatively strong correlation (i.e. amongst the highest recorded in the water samples) with most of the variables in the dataset: Sw1 and Mgw1 (Spearman correlation coefficient 0.76), Caw1 (0.72), Srw2 (0.72), Naw1 (0.71), Siw1 (0.67), Baw2 (0.67), pH (0.65), Alw2 (0.64), Fw9 (0.54) and Mnw2 (0.52). The most conspicuous concentrations of samples whose Kw1 values fall within the uppermost two class intervals is to the south and west of the REE discoveries on NTS map area 13A/08 (Figure 22); like Alw2 in water, and Pb2 in sediment, this may be related to the local abundance of pegmatite.

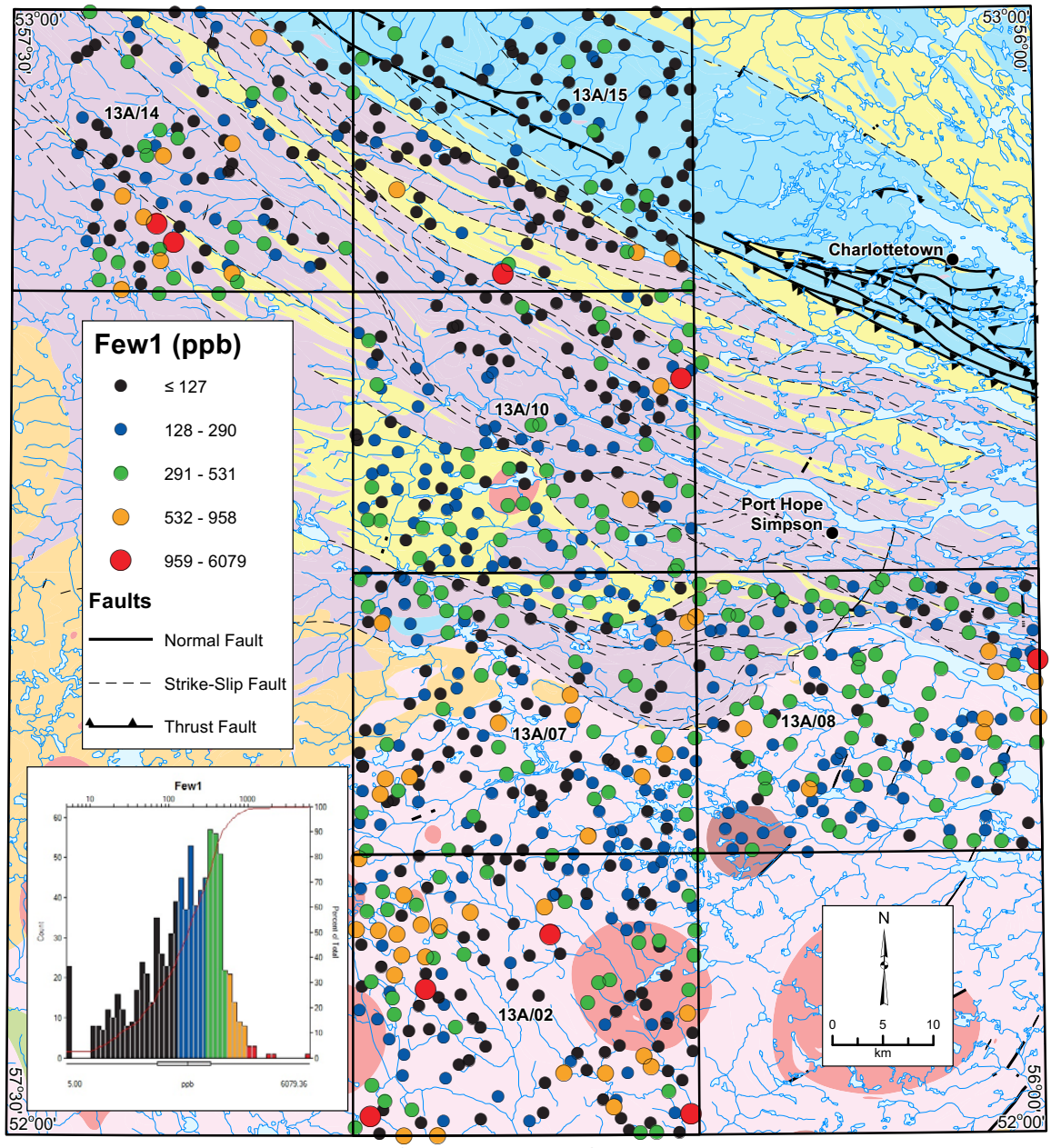
Fluoride (Fw9)

Fluoride displays Spearman correlation coefficients in excess of 0.50 with ten of the 15 parameters in the dataset: Siw1 (0.64), Srw2 (0.63), Caw1 (0.62), Baw2 (0.62), Mgw1 (0.61), Naw1 (0.57), Sw1 (0.56), Alw2 (0.56), Kw1 (0.54) and pH (0.52).

The multi-element anomaly dominated by REE and extending to the northeast of the Southwest Pond Granite also has its expression in the distribution of fluoride (Figure 23), as does the REE anomaly in the southern half of NTS map area 13A/07, which appears to be related to one or both of the two small intrusions of the same younger granite Unit M_{3D}gr, centred on 52º 16' 6" N, 56º 52' 54" W (52.268º N, 56.882º W) and 52º 12' 53" N, 56º 54' 31" W (52.214º N, 56.909º W).

A further zone of fluoride enrichment is present to the northeast of the REE discoveries south of Port Hope Simpson, and, to a lesser extent, to the southwest.

Samples returning Fw9 values in the uppermost two class intervals, interspersed with lower values, are present to the north of the Alexis River Tributary #4 U occurrence, which is situated off the 2011 survey area, on NTS map area 13A/11 just south of the boundary with 13A/14. A few such values are also located to the northwest of the Southwest Pond Granite within the bounds of the larger U and Mo anomalies.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

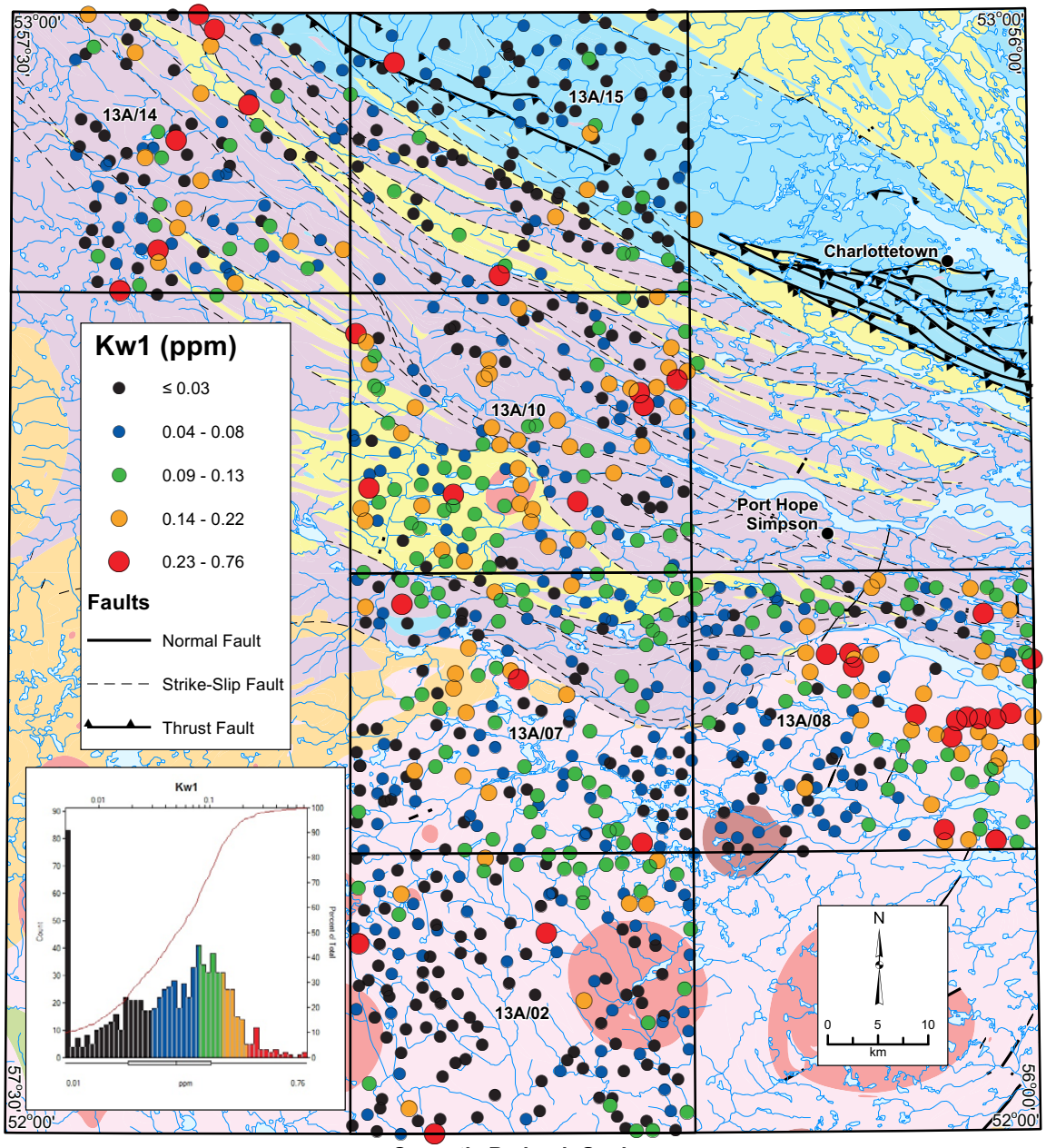
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 21. Iron (Few1) in lake water.



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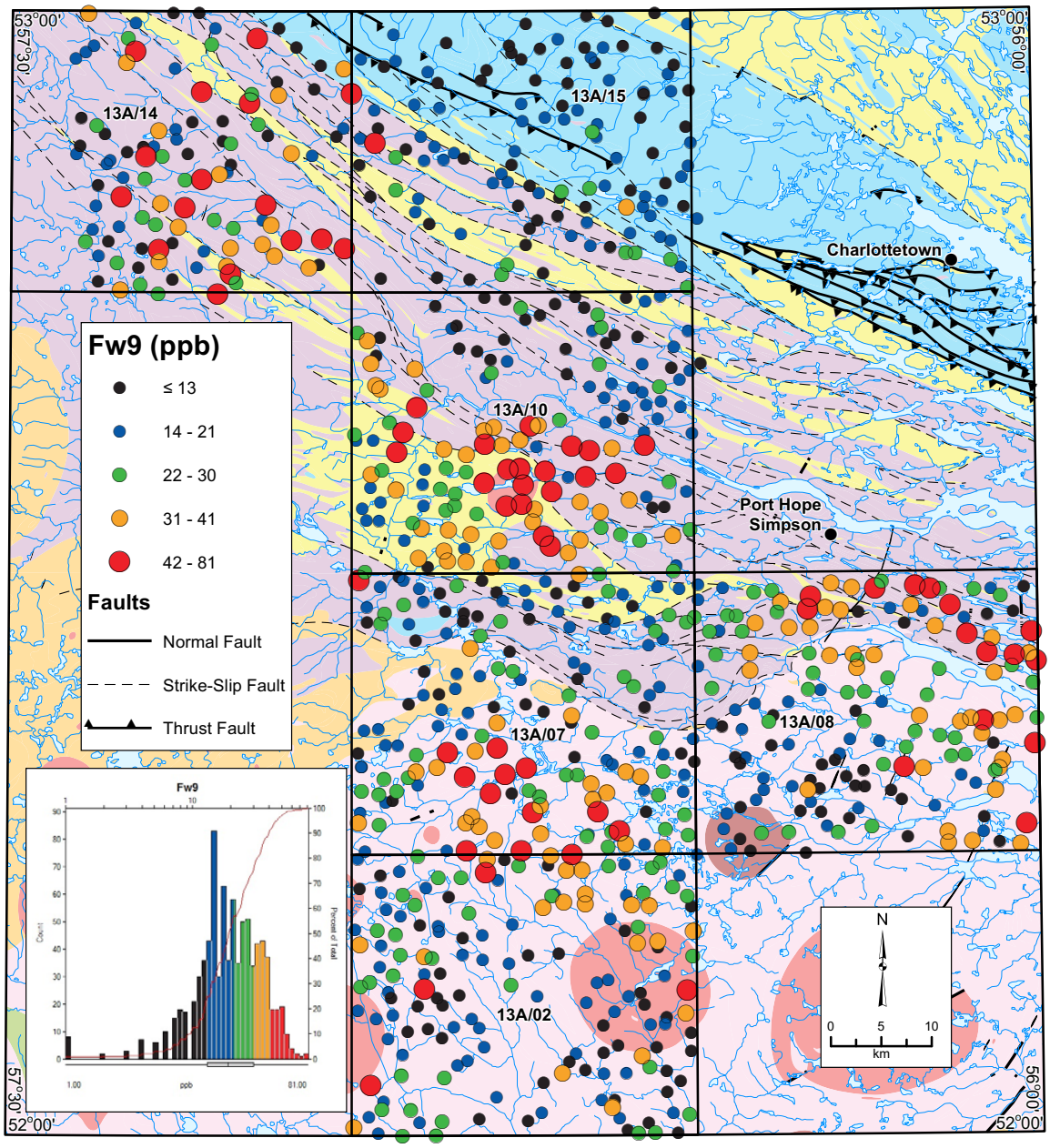
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 22. Potassium (Kw2) in lake water.



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P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 23. Fluoride (Fw9) in lake water.

Conductivity

Conductivity is not strongly correlated with any other water parameter; the Spearman correlation coefficient of the greatest, albeit modest magnitude is that with Cuw2 (0.30). Samples displaying high conductivity (uppermost two class intervals) are concentrated in the northern part of the sampled area, underlain by rocks of the Exterior Thrust Belt (Figure 24). A particularly conspicuous concentration extends in a westerly direction for about 20 km from the vicinity of the new REE discoveries, along the northern boundary of NTS map area 13A/08: an area also characterized by enrichment of Be2, Ce1, Ce2, Cu2, Dy2, Lu1, Mo1, Mo2, P2, Sm1, Tb1, Th1, U1, and Y2 in the lake sediments and Cuw2 in waters.

Water samples returning the lowest conductivity define a linear zone trending northeast from the southwestern corner of NTS map area 13A/07, as well as a concentration in the northwest of 13A/02 that coincides with a high in Few2 and of Al2, Ba1, Ba2, Be2, Ca2, Cr1, Cr2, K2, Li2, Mg2, Na2, Rb1, Rb2, Sc1, Sc2, Sr2, Ta1, Ti2, and Zr2 in sediments.

Copper (Cuw2)

Copper displays weak positive correlation with conductivity (Spearman correlation coefficient 0.30) and negative correlation with Znw2 (-0.21). Samples returning Cuw2 values in the uppermost two class intervals are concentrated in the north of NTS map area 13A/08, coincident with a feature defined by high conductivity in the waters and high Be2, Ce2, Cu2, Dy2, Lu1, Mo1, Mo2, P2, Sm1, Tb1, Th1, U1, and Y2 in sediments (Figure 25).

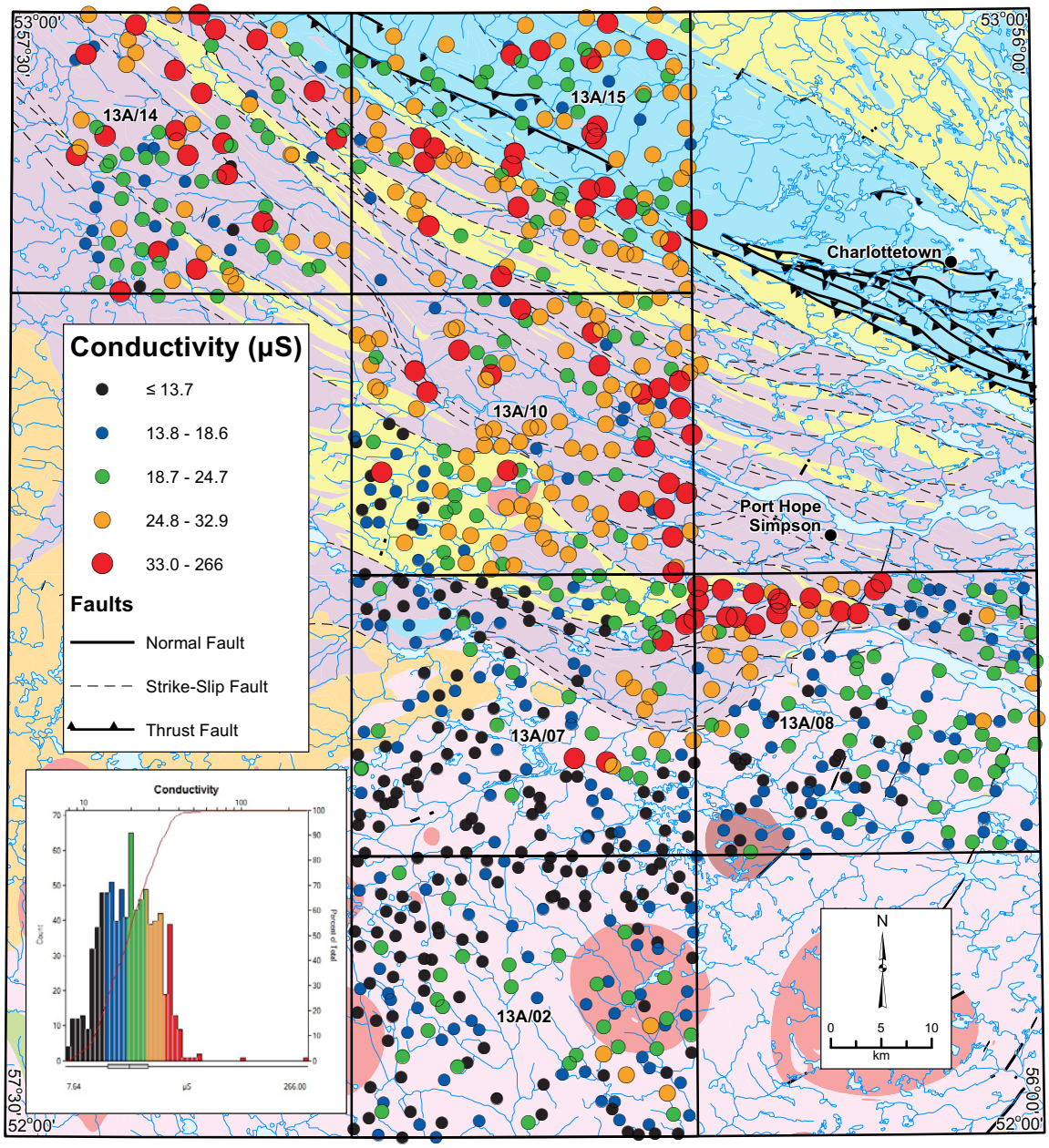
Yttrium (Yw2)

All of the water samples returning Yw2 values in the uppermost two categories are concentrated in the east of NTS map area 13A/08 (Figure 26). It is not clear from the 2011 data whether this is related to the presence of the newly discovered REE mineralization south of Port Hope Simpson, or of the proximity of tidewater; certainly, the pattern is similar to that displayed by Naw2 in waters, and Br1 in sediments. However, data for the neighbouring map areas (McConnell and Ricketts, 2010) indicate that the association of yttrium enrichment in waters with coastline does not persist north of Port Hope Simpson.

Uranium (Uw3)

The strongest concentration of samples returning Uw3 values from the uppermost two class intervals occurs in the west of NTS map area 13A/10, to the west and northwest of the Southwest Pond Granite (Figure 27), over units P_{3A}sp (late Paleoproterozoic metapelite) and P_{3B}gp (late Paleoproterozoic foliated to gneissic megacrystic/ porphyritic granitoid rocks), and probably associated with the Alexis River Tributary #4 U showing on NTS map area 13A/11. Values in these two class intervals follow the regional strike to the southeast at least as far as the vicinity of the newly discovered REE occurrences south of Port Hope Simpson.

Overall, the responses of uranium in sediment and uranium in water are very similar.



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(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

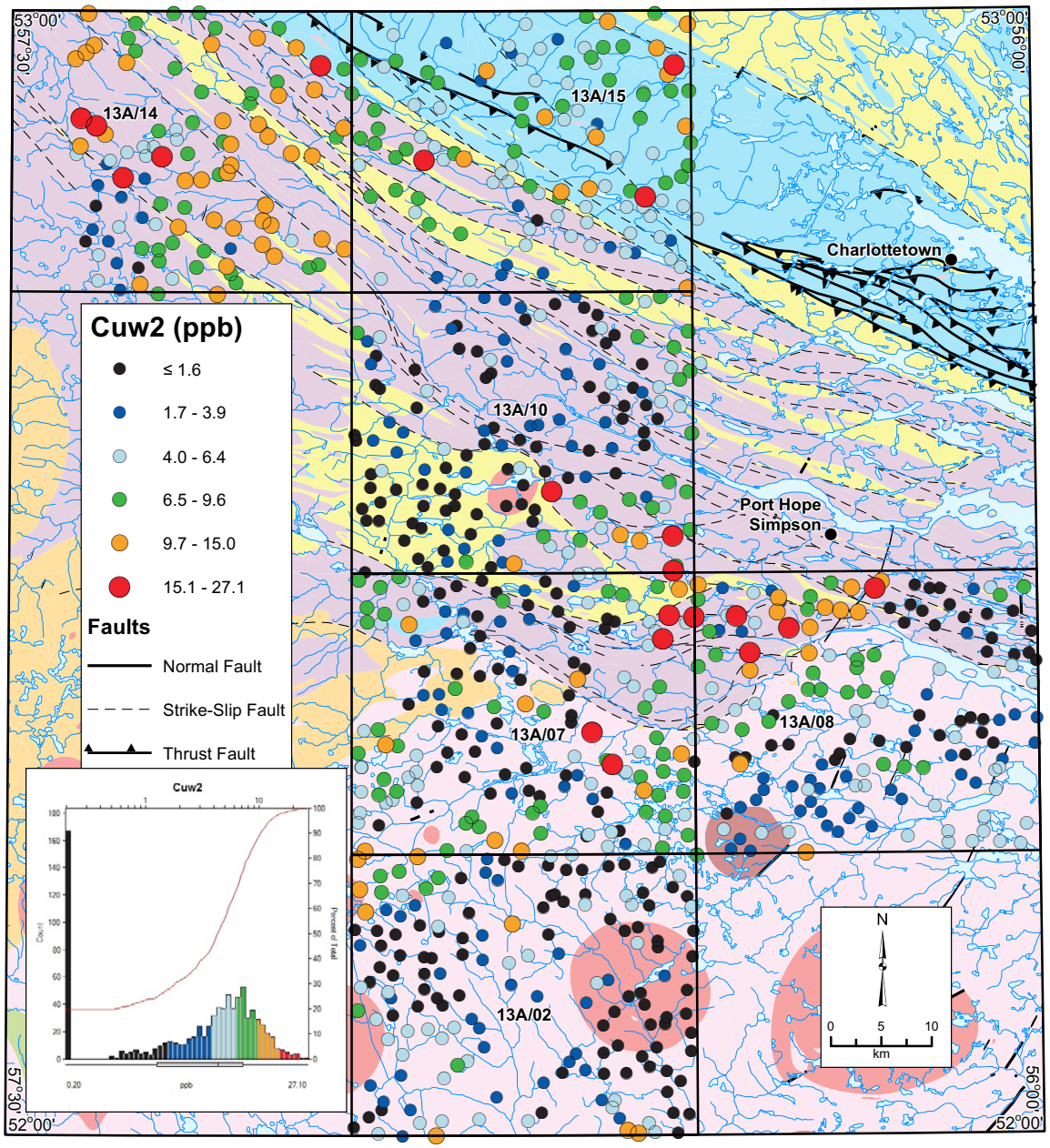
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 24. Conductivity in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

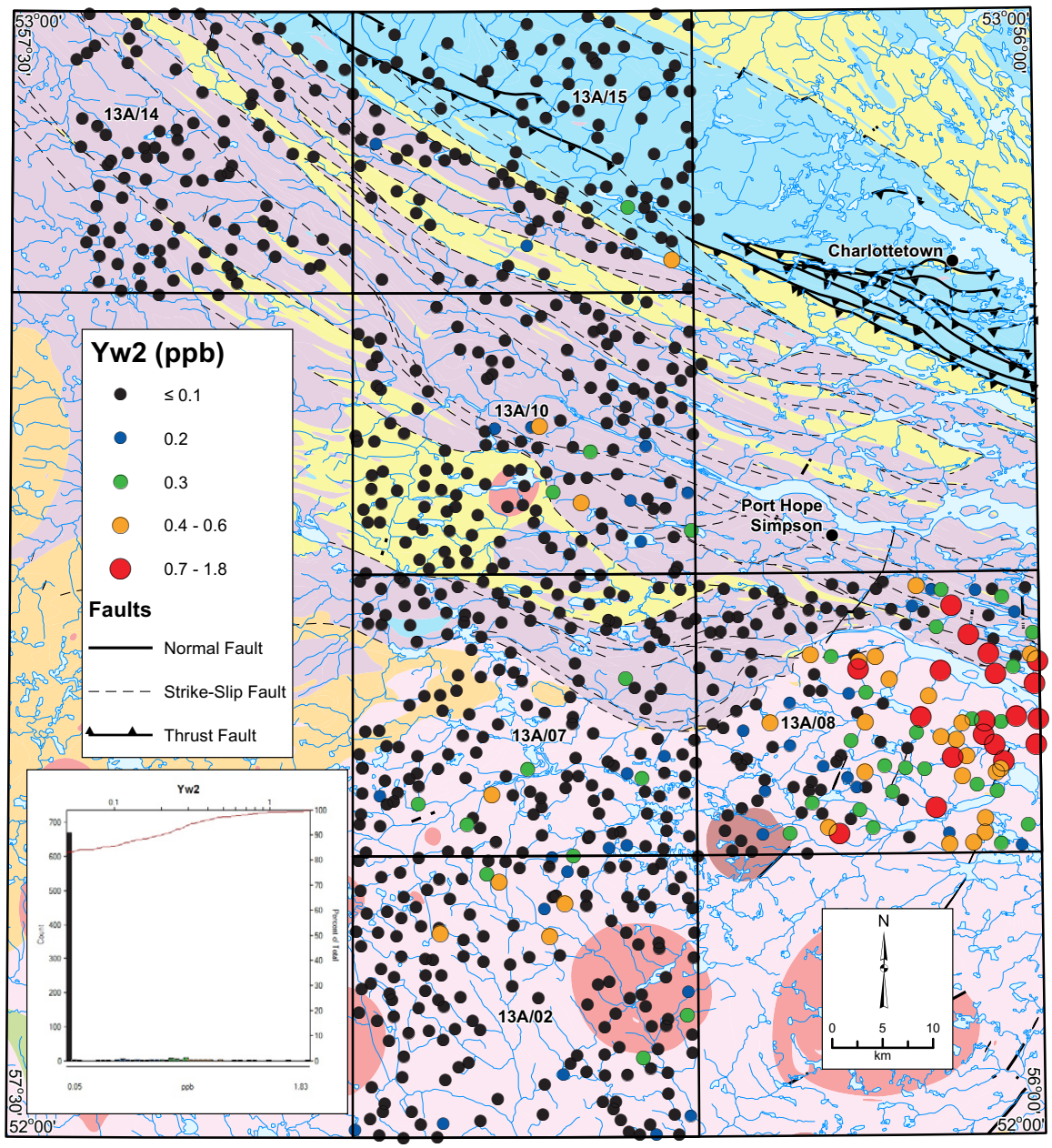
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 25. Copper (Cuw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

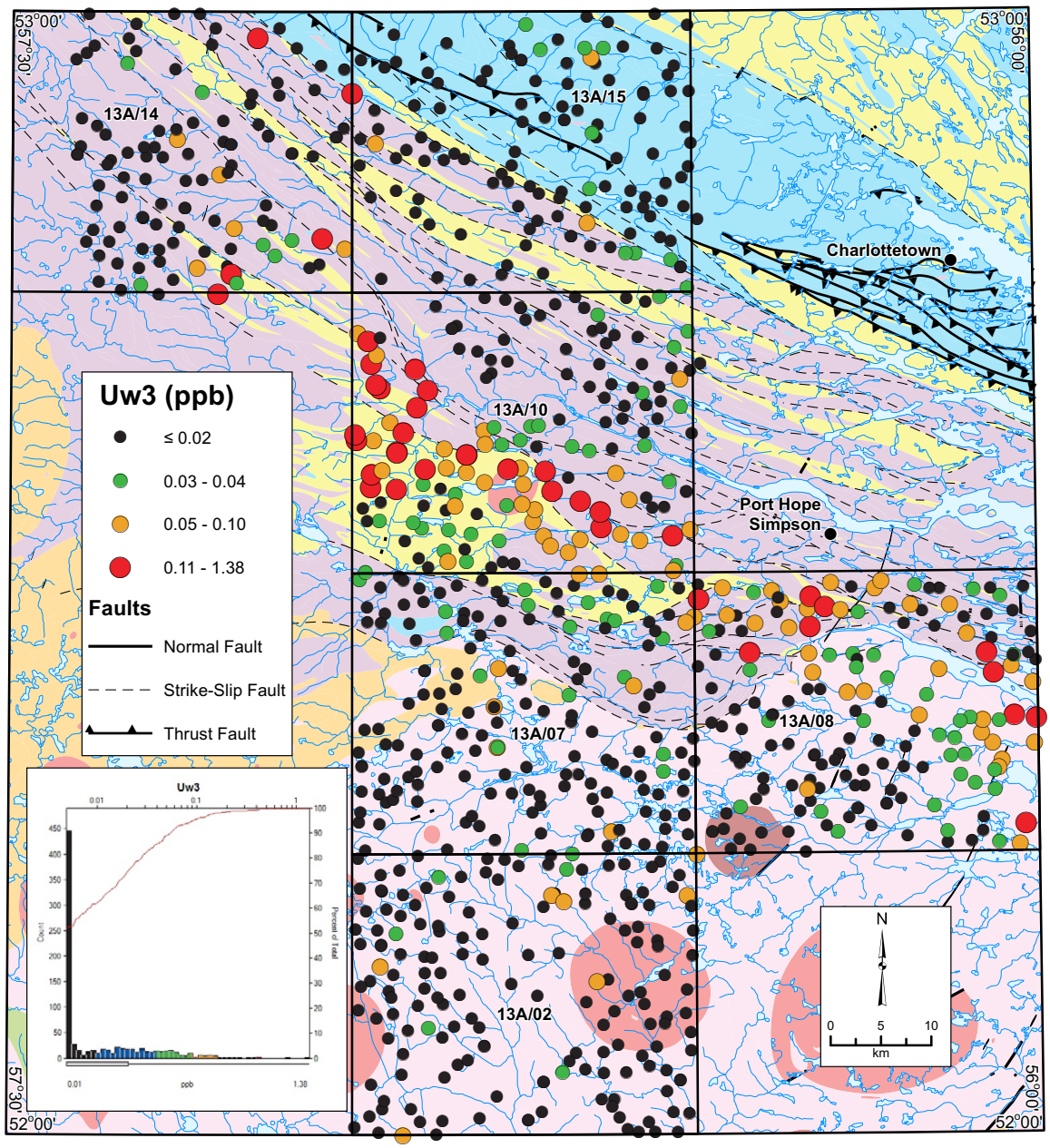
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 26. Yttrium (Yw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 27. Uranium (Uw3) in lake water.

Molybdenum (Mow2)

Concentrations of Mow2 values in the uppermost two class intervals are scattered over the entire map area, but show a concentration to the west of the Southwest Pond Granite, over pelitic gneiss (Figure 28). A stronger, more or less congruent anomaly of Mo2 and U1 in sediment, and Uw3 in water, accompanies this feature.

Other concentrations are present in the southeast of NTS map area 13A/14 and the southeast of 13A/15, overlying a complex sequence of late Paleoproterozoic metasediments (units P_3Asp, P_3Ass) and late Paleoproterozoic intrusive rocks (units P_3Bgd, P_3Bgr, P_3Bgp), and to the northeast of the REE discoveries in the northeast of 13A/08. Finally, an accumulation of Mo-enriched water samples is present in the southwest of NTS map area 13A/02, over and to the northeast of a circular intrusion of quartz syenite termed the Rivière Bujeault Headwaters Quartz Syenite (Unit M_3Dyq; Gower *et al*., 1991). None of these features are accompanied by Mo1 or Mo2 enrichment in sediments.

SOME IMPORTANT ANOMALIES

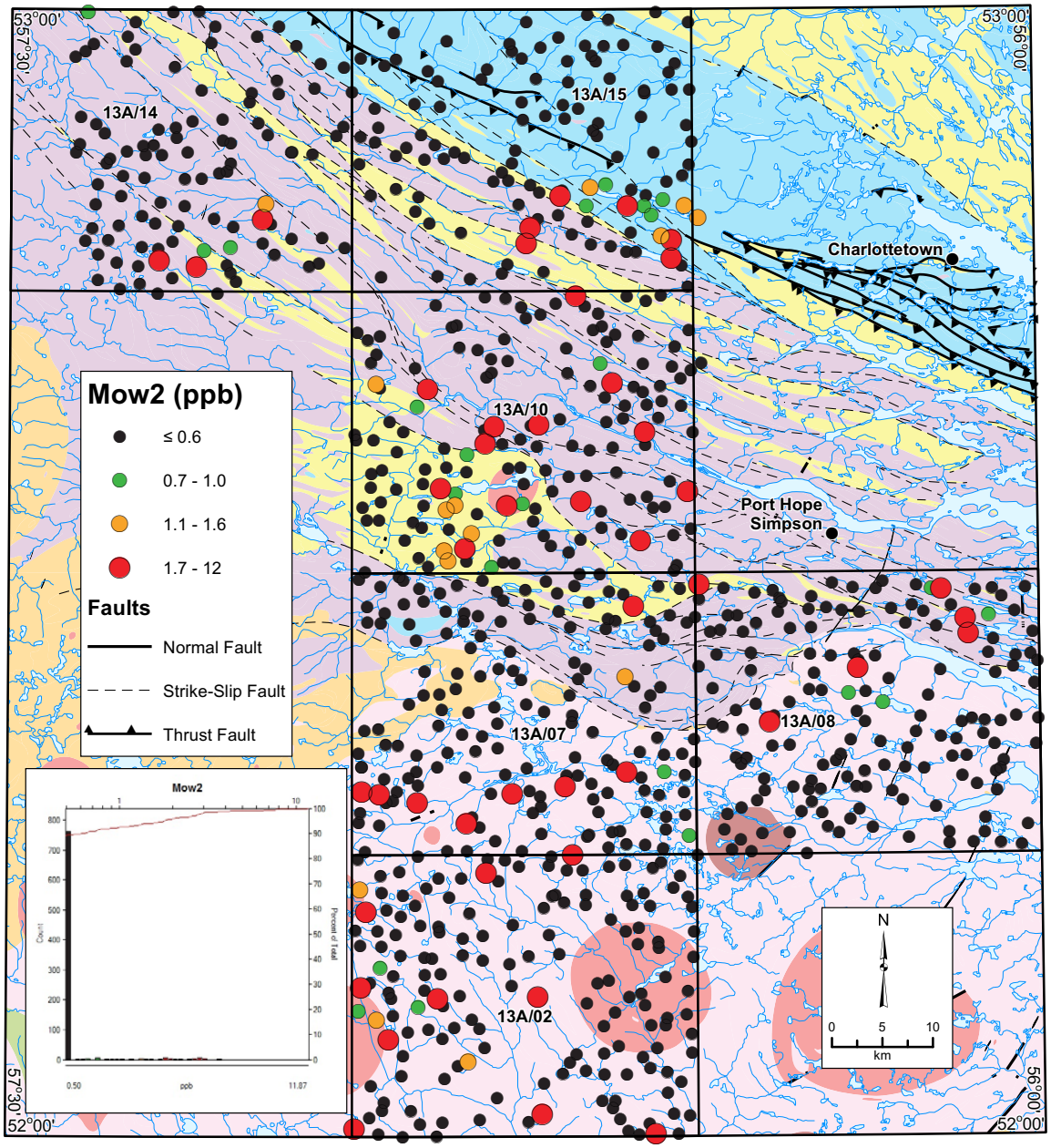
In this section, some of the stronger anomalies are described. This is not intended to imply that other significant anomalies do not exist and might be identified on more detailed study. The term "Anomaly", in this context, is defined as a spatial accumulation of samples, the analyses of which exceed the 90-percentile (termed "elevated" values) or 97.5-percentile (termed "anomalous") of the 2010 dataset. The locations of the anomalies are shown in Figure 29.

Southwest Pond Granite REE Anomaly

This anomaly comprises 29 samples; in descending order of strength, the REE (and REE pathfinder) association in sediment and water comprises Fw9, Ce2, Sm1, Ce1, La1, Dy2, La2, Be2, Th1 and Y2. Because of the overlap with other anomalies, many other elements show enrichment in the same sediment samples: Cu2, Ni2, Co2, Cr1, Cr2, Cs1, Co1, Fe2, Zn2, As2, Li2, U1, Fe1, V2, Mn2, Mo2, P2, Sc2, Sc1 and Tb1, while the waters are enriched in Alw2, Uw3, Mow2 and Tiw2.

The anomaly is roughly elliptical in shape with a long axis striking slightly north of east. The presence of the Southwest Pond Granite, an isolated, approximately circular intrusion of early Neoproterozoic age (Unit M_{3D}gr), with outcrop area 19 km^2, is clearly an important causative factor for this anomaly, although the anomaly extends to the west over the country rock of late Paleoproterozoic metasediments (Unit P_{3A}sp). This host is unusual by comparison with most of the early Neoproterozoic intrusions, and may also be of significance. The eastward extension can be attributed to glacial displacement from the granite.

The corresponding anomaly defined by the REE content of tills is not 100% congruent with the lake-sediment and water anomaly; in particular, very few till samples collected north of the latter's long, eastward-trending axis have anomalous REE contents. Perhaps significantly, this axis corresponds approximately to a drainage divide.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

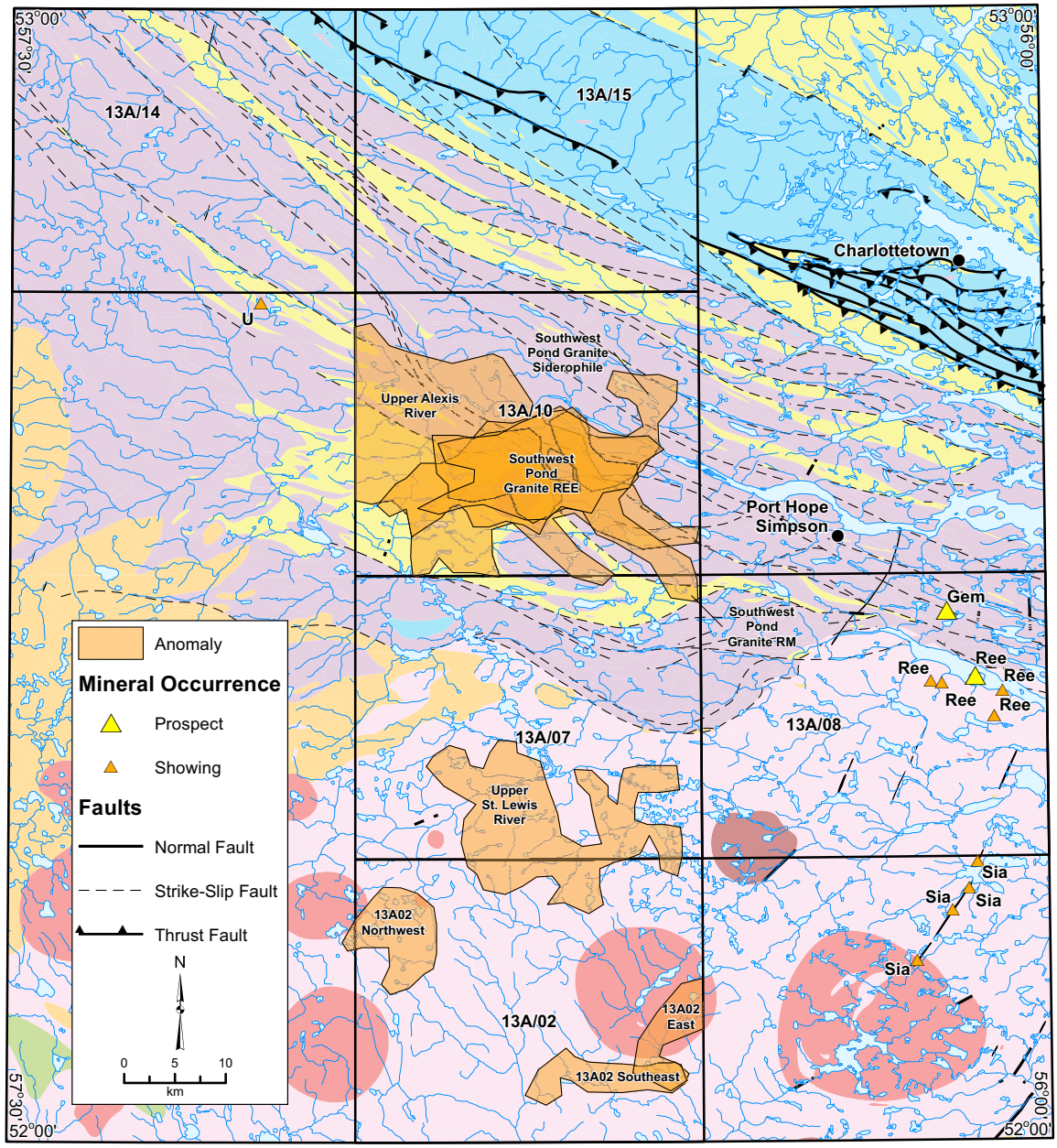
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 28. Molybdenum (Mow2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite ($M_{3C}yq$)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite ($M_{3B}gr$)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite ($P_{3C}ag$), amphibolite ($P_{3C}am$), anorthosite and leucogabbronorite ($P_{3C}an$), leucogabbronorite and leucogabbro ($P_{3C}ln$), gabbro and norite ($P_{3C}rg$), diorite, quartz diorite and tonalite ($P_{3C}dr$), alkali-feldspar granite, granite and quartz syenite ($P_{3C}ga$), granite to granodiorite ($P_{3C}gd$), megacrystic/ porphyritic granite to granodiorite ($P_{3C}gp$), quartz monzonite ($P_{3C}mq$) and monzonite ($P_{3C}mz$)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite ($P_{3B}dr$),foliated to gneissic granodiorite ($P_{3B}gd$), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss ($P_{3B}gp$), foliated to gneissic quartz monzonite ($P_{3B}mq$), foliated to gneissic granite and alkali-feldspar granite ($P_{3B}gr$) amphibolite ($P_{3B}am$), anorthosite and leucogabbronorite ($P_{3B}an$), leucogabbronorite and leucogabbro ($P_{3B}ln$) and gabbro and norite($P_{3B}rg$)

(ca. 1800–1770 Ma)

P_{3B} Pelitic ($P_{3A}sp$) and psammitic ($P_{3A}ss$) schist and gneiss

Figure 29. Significant geochemical anomalies.

Southwest Pond Granite Siderophile Anomaly

As its name implies, this anomaly is characterized by an anomalous association of siderophile elements, although it overlaps the Southwest Pond Granite REE and Southwest Pond Granite Rare Metal anomalies. The elements most strongly represented (in decreasing order of strength) are Cu2, Ni2, Mo2, Co2, Cr2, Co1, Cr1, Fe2, U1, P2, Cs1, Fe1 and V2. The anomaly is centred over the Southwest Pond Granite and almost entirely encloses the Southwest Pond Granite REE Anomaly, extending farther to the east and west and striking in the same direction.

West of the Southwest Pond Granite, an outcrop of late Paleoproterozoic gabbro and norite (Unit P_{3B}rg) is present, intrusive into late Paleoproterozoic pelitic schist and gneiss (Unit P_{3A}sp) and centred on 52º 33' 54" N, 56º 53' 33" W (52.5651º N, 56.8924º W), but its mapped area is only 0.6 km^2 and as such, it scarcely constitutes a plausible source for such an extensive anomaly. Furthermore, with the exception of a weak local maximum in Cr1 and Cr2 to the northeast of this outcrop, the large lake-sediment anomaly has no echo in the till geochemistry.

Southwest Pond Granite Rare-metal Anomaly

The principal metal associations of this anomaly are Cs1, Cr2, Cr1, Co2, Cu2, Li2 and Ni2. The presence of Co, Cu and Ni, and to a lesser extent of Cr, is a direct consequence of the overlap between this anomaly and the Southwest Pond Siderophile Anomaly (*see* above).

The orientation of the anomaly's long axis (trending southeast) is discordant to that of the Southwest Pond Granite REE and Siderophile anomalies, and to the ice-movement direction as estimated from limited striation data. It is, however, consistent with the direction of present day drainage from the Southwest Pond Granite. The presence of Cs1 and Li2 in the element association is more suggestive of an association with clastic material in the lake sediment (Amor, unpublished data, 2012). That the response of these elements is much stronger than that of other elements that normally feature in this association, such as Al, Ba and Na, may be because of the distinctive composition of the sediment's source (*cf.* the 13A02E anomaly, below); that is, the Southwest Pond Granite, or possibly the area to the southwest, since till samples are anomalous in Cs1 in this area (McCuaig, 2002e) and in the lake anomaly's up-drainage extension.

Upper St Lewis River Anomaly

This anomaly is characterized by sediment samples most strongly enriched in Dy2, Y2, Lu1, Yb1 and Zr1, and waters enriched in Yw2, Naw1, Crw2, Alw2, Baw2 and Tiw2. There is a high level of dilution by samples with weak REE responses that fall within the bounds of the anomaly.

Although the anomaly is primarily underlain by late Paleoproterozoic–early Mesoproterozoic granite (Unit PMgr), numerous slivers of other late Paleoproterozoic–early Mesoproterozoic plutonic and supracrustal rock types, whose age relationship to Unit PMgr is uncertain (C. Gower, pers. comm., 2012), are present within its bounds. Perhaps more significantly, two small intrusions of early Neoproterozoic granite (Unit M_{3D}gr) are located 2 km west and 7 km southwest *(i.e.*, up ice) of the anomaly's western boundary.

Upper Alexis River Anomaly

The Alexis River Tributary #4 U showing (Cole and Janes, 2008; Stapleton *et al*., 2011; MODS number 13A/11/U001), hosted in pegmatite within psammitic schist and gneiss (Unit P_3Ass; Gower, 2010b) is located in the extreme northeast of NTS map area 13A/11, just outside the area of 2011 coverage. The occurrence is located close to a lake from which a sediment sample collected during the NGR program returned a Delayed Neutron Counting (DNC) uranium analysis of 926 ppm, and an INAA analysis of 1030 ppm, Labrador's highest values for these parameters. It is highly probable that when sampling coverage is complete, the showing will lie within the bounds of a larger anomaly of which the Upper Alexis River Anomaly identified here is a component. The anomalous metal associations in the lake sediments, in descending order of strength, are Mo2, U1 and Cu2, while Uw3 is the only water parameter to show a comparable response.

The core of the anomaly is located over an extensive unit of late Paleoproterozoic pelitic schist and gneiss (Unit P_{3A}sp) intruded by the Southwest Pond Granite, although the northern third of the anomaly is not down-drainage of the southern portion and may be derived from other, late Paleoproterozoic rock units, of which gneissic megacrystic/ porphyritic granitoid rocks (Unit P_{3B}gp) granodiorite (Unit P_{3B}gd) and alkali-feldspar granite (Unit P_{3B}gr) constitute plausible sources for the sediment.

13A02 Northwest Anomaly

This anomaly comprises 12 samples; a thirteenth sample, showing no anomalous responses, is surrounded by anomalous samples and therefore, falls within the anomaly's bounds. The responses in sediments (in descending order of strength) are of Ba1, Ba2, Sr2, Hf1, K2, Na1, Na2, Ca2, Mg2, Sc2, Zr1, Al2, Rb1, Rb2, Sc1, LOI (anomalously low), Mn2, Ta1, Ti2, Zr2, Li2 and Nb2. There are also responses in water: conductivity (anomalously low) and Few1. The bedrock underlying the anomaly, and of its potential upstream sources, consists primarily of late Paleoproterozoic and early Mesoproterozoic recrystallized granite and alkali-feldspar granite (Unit PMgr) although there is a small intrusion (outcrop area 1.25 km^2) of early Neoproterozoic granite (Unit M_{3D}gr) in the north. The early Neoproterozoic quartz monzonite (Unit M_{3D}mq) and late Paleoproterozoic and early Mesoproterozoic syenite or quartz syenite (Unit PMyq), monzodiorite (Unit PMmd), psammitic gneiss (Unit PMss) and pelitic gneiss (Unit PMsp) may also have made a contribution to the sediment.

All of the anomaly's component samples were described as "clastic, fine-grained" (6 samples) or "clastic, coarse-grained" (6 samples). The anomaly is believed to be an artifact of the relatively high inorganic content of the sediments, although the majority of the sampled lakes are bounded by swamp, or mixed forest and swamp.

13A02 East Anomaly

The 13A02E anomaly shares certain characteristics with its counterpart in the northwest (*see* above), with an association that includes Al, Ba, K and Na, and a generally swampy environment, although the samples are not dominated by clastic varieties to the same extent. However, certain

elements in the "clastic" association show a much stronger response in this anomaly; in descending order, they comprise Nb2, Sr2, Ta1, Ti2, Zr1, Al2, Ba1, Ba2, Hf1, K2, Na1, Na2, Sc1, Se1, Eu1, Rb1, Sc2 and Zr2.

The most likely source for the inorganic material in the samples is the early Neoproterozoic granite of the Upper Pinware River Pluton, and the distinctive composition of the lake sediments may be an indirect reflection of the pluton's chemistry.

13A02 Southeast Anomaly

The 13A02SE Anomaly, which comprises nine sample sites, is the only anomaly of gold and gold pathfinders within the 2011 dataset judged to be significant. Its element association in sediment is, in descending order of strength, of Sb1, Pb2, LOI (anomalously high) and Au1; the waters are also anomalous in Niw2, Few1 and pH (anomalously low). The last-named feature may indicate the presence of oxidizing pyrite or other sulphide in the lakes' catchment area.

Potential source rock types for the lake sediments and waters are the early Neoproterozoic granite of the Upper Pinware River Pluton (Unit M_{3D}gr) and the late Paleoproterozoic and early Mesoproterozoic plutonic units PMgr (recrystallized granite and alkali-feldspar granite) and PMgp (megacrystic/porphyritic granite to quartz monzonite) and, perhaps more significantly, the supracrustal units PMss (psammitic gneiss) and PMvf (banded quartzofeldspathic rocks, provisionally assigned as the Pitts Harbour Group, and possibly derived from a felsic volcaniclastic protolith; Gower, 2010c).

Only two of the component samples were described as clastic with the remainder described as "organic ooze" (three samples) and "peaty" (four samples). Shoreline vegetation is predominantly of swamp or mixed forest and swamp, with only one sampled lake flanked by forest and one by rock and forest.

CONCLUSIONS

A detailed program of lake-sediment and water sampling in the Alexis River region of southeastern Labrador has revealed several anomalies suggestive of REE mineralization, mostly associated with granitic rocks of the Interior Magmatic Belt, as well as one weak anomaly of precious metals and pathfinders, also underlain by granitic rocks, but spatially associated with metavolcanic rocks.

The presence of inorganic, clastic material in the lake sediment can give rise to false anomalies of such elements as Al, Ba, Be, Ca, Cr, Cs, K, Mg, Na, Nb, Rb, Sc, Sr, Ta, Ti and Zr. However, the relative strength of response of these elements varies from one anomaly to the other; this may be a consequence of the clastic material being sourced from different rock types.

The Southwest Pond Granite, an intrusion of early Neoproterozoic age into mixed supracrustal and intrusive rocks of the Exterior Thrust Belt, is spatially associated with four partially overlapping anomalies of REE, Cs–Li, siderophile elements and Mo–U. The non-congruency of the first

two anomalies appears to be a consequence, respectively, of glacial dispersion to the east, and fluvial dispersion to the southeast, from the granite. The third may be coincidental, and derived from mafic rocks southwest of the granite. The fourth, which was not fully delineated by the 2011 sampling, may be related to a known uranium occurrence which is just outside the survey area.

The response in lake sediments and waters to the recently discovered, and economically promising, REE discoveries south of Port Hope Simpson is complex, with the area to the southwest, the area around the occurrences, and the area to the northeast, each having different signatures. The area around the occurrences is also characterized by strong enrichment of bromine in lake sediments, and sodium in lake waters, but these features are believed to be related to the area's proximity to the coastline.

This survey complements earlier work to the north, south and east whose results were released in 2010. The final phase of coverage of this area of southeastern Labrador will be carried out in the near future.

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APPENDIX 1

Locations, field data and analyses of lake-sediment and water data

Explanation of Data Codes in Appendix 1

For numeric fields, -9 indicates there is no data value for that sample (e.g. sample wasn't analyzed for that element)

Veg: Dominant Shoreline Vegetation
1: forest
2: bog
3: mixed bog & forest
4: barren (>25% rock)
5: burned
6: rock and forest
7: tundra (<25% rock)

WaterLevel: Water Level
1: high (flooding)
2: normal
3: low

SedColour: Sediment Colour
1: tan-yellow
2: brown
3: brown, lustrous
4: chocolate-brown
5: greenish brown
6: green
7: grey
8: black
10: orange
13: grey-brown
14: other

Comp: Sample Composition
1: clastic, fine grained
2: clastic, coarse grained
3: organic ooze
4: organic, granular
5: organic, peaty

Contam: Contamination
0: absent
1: road
2: trenching or mine workings
3: settlement
4: dump
5: other

SiteDup: Site Duplicate Status
0 routine single sample
1 First of site duplicate pair
2 Second of site duplicate pair

Mineralztn: Mineralization
Element symbols

WaterColr: Water Colour
1: colourless
2: yellow
3: brown

WatSusp: Suspended Matter
0: None
1: light
2: heavy

Atlas_Lithology: Dominant rock unit in catchment area
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SEDIMENT ANALYTICAL DATA

Analytical Methods

Suffix	Abbreviation	Method
1	INAA	Instrumental Neutron Activation Analysis
2	ICP-ES	Induction Coupled Plasma – Emission Spectroscopy
6	AAS	Atomic-Absorption Spectrometry
9	ISE	Ion Specific Electrode

Variable	Digestion (if applicable)	Method
Ag6_PPM	HNO_3	AAS
Al2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
As1_PPM		INAA
As2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Au1_PPB		INAA
Ba1_PPM		INAA
Ba2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Be2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Br1_PPM		INAA
Ca2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cd2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ce1_PPM		INAA
Ce2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Co1_PPM		INAA
Co2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cr1_PPM		INAA
Cr2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cs1_PPM		INAA
Cu2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Dy2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Eu1_PPM		INAA
Fe1_PCT		INAA
Fe2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Hf1_PPM		INAA
K2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
La1_PPM		INAA
La2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Li2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
LOI_PCT	(Loss-on-ignition)	Gravimetric
Lu1_PPM		INAA
Mg2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Mn2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Mo1_PPM		INAA
Mo2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Na1_PCT		INAA

Na2_PCT	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Nb2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ni2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
P2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Pb2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Rb1_PPM		INAA
Rb2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Sb1_PPM		INAA
Sc1_PPM		INAA
Sc2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Se1_PPM		INAA
Sm1_PPM		INAA
Sr2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ta1_PPM		INAA
Tb1_PPM		INAA
Th1_PPM		INAA
Ti2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
U1_PPM		INAA
V2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
W1_PPM		INAA
Y2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Yb1_PPM		INAA
Zn2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Zr1_PPM		INAA
Zr2_PPM	$HClO_4$-HNO_3-HF-HCl	ICP-ES

WATER ANALYTICAL DATA

Analytical Methods

Suffix	Abbreviation	Method
w1	ICP-ES	Induction Coupled Plasma – Emission Spectroscopy
w2	ICP-USN	Induction Coupled Plasma – Ultrasonic Nebulizer
w3	ICP-MS	Induction Coupled Plasma – Mass Spectrometry (Maxxam Analytical Inc.)
w9	ISE	Ion Specific Electrode

Variable	Method
Conduct_ µS	Corning meter
pH_w	Corning meter
Alw2_PPB	ICP-USN
Asw2_PPB	ICP-USN
Baw2_PPB	ICP-USN
Bew2_PPB	ICP-USN
Caw1_PPM	ICP-ES
Cdw2_PPB	ICP-USN
Cow2_PPB	ICP-USN
Crw2_PPB	ICP-USN
Fw9_PPB	ISE
Cuw2_PPB	ICP-USN
Few1_PPB	ICP-ES
Kw1_PPM	ICP-ES
Liw2_PPB	ICP-USN
Mgw1_PPM	ICP-ES
Mnw1_PPB	ICP-ES
Mow2_PPB	ICP-USN
Naw1_PPM	ICP-ES
Niw2_PPB	ICP-USN
Pw2_PPB	ICP-USN
Pbw2_PPB	ICP-USN
Siw1_PPM	ICP-ES
Sw1_PPM	ICP-ES
Srw2_PPB	ICP-USN
Tiw2_PPB	ICP-USN
Uw3_PPB	ICP-MS
Vw2_PPB	ICP-USN
Yw2_PPB	ICP-USN
Znw2_PPB	ICP-USN

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5111891	10022089	21	566891	5791795	13A/08	52.274417	-56.019650	0.022	6.0	1	1	4	3	0	0	0	1	0
SA5111892	10022091	21	566279	5789801	13A/08	52.256567	-56.029000	0.004	1.5	6	1	4	3	0	0	0	1	0
SA5111893	10022092	21	564223	5789974	13A/08	52.258367	-56.059083	0.013	7.0	1	1	4	3	0	0	0	2	0
SA5111894	10022093	21	562678	5792431	13A/08	52.280633	-56.081267	0.359	4.0	1	1	5	3	0	0	0	1	0
SA5111895	10022094	21	562629	5791022	13A/08	52.267967	-56.082250	0.397	1.5	1	1	4	3	0	0	0	1	0
SA5111896	10022095	21	563373	5789928	13A/08	52.258050	-56.071550	0.003	0.1	3	0	2	5	0	0	0	-9	-9
SA5111897	10022096	21	561510	5790036	13A/08	52.259233	-56.098817	0.007	1.0	3	1	4	3	0	0	0	3	1
SA5111898	10022097	21	559126	5789909	13A/08	52.258350	-56.133767	0.068	2.0	3	0	2	3	0	0	0	3	1
SA5111899	10022098	21	559098	5791004	13A/08	52.268200	-56.133983	0.081	5.0	1	1	5	3	0	0	0	1	1
SA5111900	10022099	21	555113	5790510	13A/08	52.264167	-56.192450	0.002	1.0	2	0	4	5	0	0	0	3	1
SA5111901	10022101	21	551542	5791498	13A/08	52.273400	-56.244617	0.024	6.0	1	1	4	3	0	0	0	1	1
SA5111902	10022102	21	550225	5793238	13A/08	52.289167	-56.263667	0.082	5.0	1	1	4	3	0	1	0	3	1
SA5111903	10022103	21	549324	5792310	13A/08	52.280900	-56.277000	0.001	1.5	2	0	4	5	0	0	0	3	1
SA5111904	10022104	21	548208	5790893	13A/08	52.268267	-56.293567	0.036	1.0	3	1	4	4	0	0	0	3	0
SA5111905	10022105	21	547119	5791515	13A/08	52.273950	-56.309433	0.070	1.5	3	1	4	3	0	0	0	3	0
SA5111906	10022106	21	545039	5788884	13A/08	52.250467	-56.340267	0.001	1.5	3	0	4	5	0	0	0	1	0
SA5111907	10022107	21	546528	5792898	13A/08	52.286433	-56.317900	0.412	9.5	3	1	2	3	0	0	0	1	0
SA5111908	10022108	21	545508	5793923	13A/08	52.295733	-56.332717	0.073	5.5	1	1	4	3	0	0	0	1	0
SA5111909	10022109	21	544494	5792967	13A/08	52.287217	-56.347717	0.051	0.5	1	1	5	5	0	0	0	1	0
SA5111910	10022111	21	543312	5790893	13A/08	52.268667	-56.365300	0.020	0.5	1	1	5	5	0	0	0	1	0
SA5111911	10022112	21	540608	5790794	13A/08	52.267983	-56.404933	0.503	3.5	3	0	4	3	0	0	0	1	0
SA5111912	10022113	21	539521	5789064	13A/08	52.252517	-56.421067	0.001	1.0	3	1	4	5	0	0	0	3	0
SA5111913	10022114	21	538485	5790204	13A/08	52.262833	-56.436117	0.025	1.5	1	1	5	5	0	0	0	1	0
SA5111914	10022115	21	537600	5789181	13A/08	52.253700	-56.449200	0.229	2.0	3	1	5	5	0	0	0	1	0
SA5111915	10022116	21	536862	5791174	13A/08	52.271667	-56.459783	0.018	3.0	1	1	5	5	0	0	0	1	0
SA5111916	10022117	21	567704	5799734	13A/08	52.345683	-56.006133	0.007	1.5	3	1	4	3	0	0	0	3	1
SA5111917	10022118	21	564494	5798086	13A/08	52.331250	-56.053567	0.044	6.0	1	1	4	1	0	0	0	2	2
SA5111918	10022119	21	550154	5793217	13A/08	52.288983	-56.264700	0.082	5.0	1	0	4	3	0	2	0	3	1
SA5111919	10022121	21	564179	5797301	13A/08	52.324233	-56.058333	0.046	8.0	1	1	4	3	0	0	0	2	2
SA5111920	10022122	21	563747	5797010	13A/08	52.321667	-56.064733	0.001	4.0	3	1	5	3	0	0	0	2	2
SA5111921	10022123	21	563808	5795116	13A/08	52.304633	-56.064200	0.003	2.0	2	1	2	5	0	0	0	2	1
SA5111922	10022124	21	561842	5795779	13A/08	52.310817	-56.092900	0.069	4.0	1	1	2	1	0	0	0	2	1
SA5111923	10022125	21	560386	5796571	13A/08	52.318100	-56.114117	0.007	6.0	3	1	5	4	0	0	0	2	1
SA5111924	10022126	21	567891	5802238	13A/08	52.368167	-56.002883	0.001	5.5	3	1	4	3	0	0	0	3	0
SA5111925	10022127	21	565705	5802531	13A/08	52.371067	-56.034933	0.059	8.0	1	1	4	3	0	0	0	3	0
SA5111926	10022128	21	557789	5793503	13A/08	52.290800	-56.152733	0.025	1.0	3	1	1	1	0	0	0	2	1
SA5111927	10022129	21	564181	5801984	13A/08	52.366333	-56.057417	0.168	6.0	1	1	4	3	0	0	0	1	1
SA5111928	10022131	21	554506	5794179	13A/08	52.297217	-56.200750	0.158	3.0	1	1	4	1	0	0	0	2	1
SA5111929	10022132	21	553463	5795028	13A/08	52.304950	-56.215917	0.040	2.0	1	1	5	5	0	0	0	1	2
SA5111930	10022133	21	553078	5793678	13A/08	52.292850	-56.221767	0.001	1.0	2	1	4	5	0	1	0	2	2
SA5111931	10022134	21	550849	5795447	13A/08	52.308967	-56.254183	0.002	1.5	3	1	4	1	0	0	0	2	2
SA5111932	10022135	21	553055	5793663	13A/08	52.292717	-56.222117	0.001	0.5	2	1	4	5	0	2	0	2	2
SA5111933	10022136	21	550728	5796996	13A/08	52.322900	-56.255717	0.010	1.5	3	1	4	1	0	0	0	2	2
SA5111934	10022137	21	549920	5795464	13A/08	52.309200	-56.267800	0.015	2.0	3	1	2	5	0	0	0	2	2
SA5111935	10022138	21	549013	5796411	13A/08	52.317800	-56.280967	0.610	3.0	1	1	2	1	0	0	0	1	2
SA5111936	10022139	21	546365	5795197	13A/08	52.307117	-56.319983	0.060	2.0	1	1	2	5	0	0	0	2	2
SA5111937	10022141	21	545475	5796012	13A/08	52.314517	-56.332917	0.005	1.5	3	1	5	1	0	0	0	2	2
SA5111938	10022142	21	545212	5795113	13A/08	52.306450	-56.336900	0.001	1.0	4	0	2	5	0	0	0	3	2
SA5111939	10022143	21	543662	5795449	13A/08	52.309600	-56.359583	0.002	6.0	3	1	5	3	0	0	0	1	1
SA5111940	10022144	21	540789	5796199	13A/08	52.316567	-56.401633	0.013	4.0	3	1	5	3	0	0	0	2	1
SA5111941	10022145	21	540837	5795067	13A/08	52.306383	-56.401067	0.090	1.5	3	1	2	2	0	0	0	2	2
SA5111942	10022146	21	540097	5794097	13A/08	52.297717	-56.412033	0.002	1.5	2	1	4	2	0	0	0	2	1
SA5111943	10022147	21	538532	5793365	13A/08	52.291250	-56.435067	1.024	4.0	1	1	2	1	0	0	0	2	2
SA5111944	10022148	21	537158	5792708	13A/08	52.285433	-56.455283	0.004	3.0	3	1	4	3	0	0	0	2	1
SA5111945	10022149	21	535777	5790890	13A/08	52.269183	-56.475717	0.001	1.5	4	1	4	5	0	1	0	2	2
SA5111946	10022150	21	563577	5799720	13A/08	52.346050	-56.066717	0.002	-9.0	1	1	-9	-9	0	0	0	2	1
SA5111947	10022151	21	562457	5800701	13A/08	52.355000	-56.082967	0.001	1.0	3	1	2	3	0	0	0	3	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5111948	10022152	21	562584	5802040	13A/08	52.367017	-56.080850	0.006	1.0	3	1	4	3	0	0	0	2	1
SA5111949	10022153	21	561334	5802223	13A/08	52.368800	-56.099183	1.408	8.5	6	1	4	3	0	0	0	2	2
SA5111950	10022154	21	535761	5790873	13A/08	52.269033	-56.475950	0.001	1.5	4	1	4	5	0	2	0	2	2
SA5111951	10022155	21	560329	5801860	13A/08	52.365650	-56.114000	0.006	1.0	3	1	4	1	0	0	0	2	1
SA5111952	10022156	21	559792	5800222	13A/08	52.350983	-56.122183	0.003	1.0	3	1	4	3	0	0	0	1	1
SA5111953	10022157	21	560805	5798582	13A/08	52.336133	-56.107600	0.122	1.5	3	1	5	3	0	0	0	2	1
SA5111954	10022158	21	559411	5798439	13A/08	52.335000	-56.128083	0.035	2.0	3	1	4	3	0	0	0	2	2
SA5111955	10022159	21	558266	5800483	13A/08	52.353500	-56.144533	0.411	2.5	1	1	4	3	0	0	0	1	1
SA5111956	10022161	21	556263	5802435	13A/08	52.371250	-56.173617	0.029	1.0	3	1	2	3	0	0	0	2	1
SA5111957	10022162	21	555812	5800896	13A/08	52.357467	-56.180483	0.031	1.5	6	1	2	1	0	0	0	2	1
SA5111958	10022163	21	554950	5799307	13A/08	52.343267	-56.193400	0.141	5.0	6	1	4	3	0	0	0	1	1
SA5111959	10022164	21	552288	5799929	13A/08	52.349117	-56.232383	2.033	13.5	6	1	4	3	0	0	0	1	1
SA5111960	10022165	21	549365	5800112	13A/08	52.351033	-56.275267	0.006	8.5	3	0	4	1	0	0	0	2	1
SA5111961	10022166	21	548354	5798643	13A/08	52.337917	-56.290317	0.007	4.0	3	1	4	1	0	0	0	1	1
SA5111962	10022167	21	547918	5798025	13A/08	52.332400	-56.296800	0.006	2.0	2	1	4	5	0	0	0	1	1
SA5111963	10022168	21	546623	5797541	13A/08	52.328167	-56.315867	0.012	1.0	3	1	4	5	0	0	0	2	1
SA5111964	10022169	21	545874	5798472	13A/08	52.336600	-56.326733	0.036	1.5	6	1	4	5	0	1	0	1	1
SA5111965	10022171	21	543292	5799560	13A/08	52.346583	-56.364483	0.001	6.0	3	1	4	3	0	0	0	2	1
SA5111966	10022172	21	541597	5799449	13A/08	52.345717	-56.389383	0.101	5.5	3	1	4	3	0	0	0	2	2
SA5111967	-9	21	539037	5798254	13A/08	52.335167	-56.427100	0.001	-9.0	2	1	-9	-9	0	0	0	3	2
SA5111968	10022173	21	538510	5797666	13A/08	52.329917	-56.434900	0.001	1.5	2	1	5	5	0	0	0	1	1
SA5111969	10022174	21	538005	5798305	13A/08	52.335700	-56.442233	0.001	2.0	3	1	5	3	0	0	0	1	1
SA5111970	10022175	21	533954	5797866	13A/08	52.332017	-56.501733	0.002	1.5	3	1	4	5	0	0	0	1	1
SA5111971	10022176	21	530574	5787922	13A/02	52.242817	-56.552233	0.009	1.5	3	1	4	2	0	0	0	1	1
SA5111972	10022177	21	529765	5787374	13A/02	52.237933	-56.564133	0.066	2.0	6	1	2	3	0	0	0	1	1
SA5111973	10022178	21	527034	5787661	13A/02	52.240650	-56.604100	0.036	3.0	6	1	2	3	0	0	0	1	1
SA5111974	10022179	21	525459	5787526	13A/02	52.239517	-56.627167	0.040	4.0	6	1	4	3	0	0	0	1	1
SA5111975	10022181	21	522837	5787128	13A/02	52.236050	-56.665600	0.110	11.0	6	1	4	3	0	0	0	1	1
SA5111976	10022182	21	521280	5787119	13A/02	52.236033	-56.688400	0.107	11.0	6	1	4	3	0	0	0	1	1
SA5111977	10022183	21	520134	5784745	13A/02	52.214733	-56.705317	0.012	2.0	3	1	4	4	0	0	0	1	1
SA5111978	10022184	21	545917	5798560	13A/08	52.337383	-56.326083	0.036	2.0	6	1	4	5	0	2	0	1	1
SA5111979	10022185	21	519820	5784586	13A/02	52.213317	-56.709917	0.089	4.0	6	1	2	3	0	0	0	1	1
SA5111980	10022186	21	518984	5783426	13A/02	52.202917	-56.722217	0.017	1.0	3	1	4	3	0	0	0	3	1
SA5111981	10022187	21	521009	5783968	13A/02	52.207717	-56.692550	0.008	1.0	3	1	1	3	3	0	0	1	1
SA5111982	10022188	21	523141	5783750	13A/02	52.205667	-56.661367	0.068	1.5	6	1	1	3	1	0	0	1	1
SA5111983	10022189	21	523170	5784736	13A/02	52.214533	-56.660883	0.606	15.0	6	1	4	3	0	0	0	1	1
SA5111984	10022191	21	527215	5784640	13A/02	52.213483	-56.601683	0.065	4.5	3	1	2	3	0	0	0	3	1
SA5111985	10022192	21	527745	5783714	13A/02	52.205133	-56.594000	0.315	6.0	1	1	4	3	0	0	0	1	1
SA5111986	10022193	21	528881	5784883	13A/02	52.215583	-56.577283	0.055	1.5	3	1	4	4	0	0	0	3	1
SA5111987	10022194	21	529487	5783641	13A/02	52.204383	-56.568517	0.251	2.5	6	1	4	3	0	0	0	1	1
SA5111988	10022195	21	531816	5785427	13A/02	52.220317	-56.534283	0.590	3.5	6	1	4	3	0	0	0	1	1
SA5111989	10022196	21	532487	5786585	13A/02	52.230683	-56.524350	0.088	3.0	3	1	4	3	0	0	0	1	1
SA5111990	10022197	21	533261	5784549	13A/02	52.212333	-56.513217	0.020	1.0	3	1	4	4	0	0	0	3	1
SA5111991	10022198	21	533667	5783552	13A/02	52.203350	-56.507367	0.010	1.0	3	1	4	4	0	0	0	3	1
SA5111992	10022199	21	528382	5781469	13A/02	52.184917	-56.584867	0.304	4.0	6	1	2	3	0	1	0	1	1
SA5111993	10022200	21	525626	5782297	13A/02	52.192500	-56.625117	0.003	-9.0	3	1	-9	-9	0	0	0	3	1
SA5111994	10022201	21	527083	5781115	13A/02	52.181800	-56.603900	0.004	1.0	3	1	4	5	0	0	0	3	1
SA5111995	10022202	21	528303	5779891	13A/02	52.170733	-56.586167	0.045	1.0	3	1	4	3	0	0	0	3	1
SA5111996	10022203	21	527702	5783779	13A/02	52.205717	-56.594633	0.315	7.0	6	1	4	3	0	2	0	1	1
SA5111997	10022204	21	530320	5780088	13A/02	52.172400	-56.556650	0.121	2.0	6	1	4	3	0	0	0	3	1
SA5111998	10022205	21	530362	5779523	13A/02	52.167317	-56.556083	0.001	1.0	3	1	4	5	0	0	0	1	1
SA5111999	10022206	21	533854	5781112	13A/02	52.181400	-56.504883	0.141	1.0	3	1	4	4	0	0	0	3	1
SA5112000	10022207	21	533776	5778620	13A/02	52.159000	-56.506267	0.032	1.5	3	1	4	3	0	0	0	3	1
SA5112001	10022208	21	533250	5775240	13A/02	52.128650	-56.514283	0.469	2.0	6	1	6	3	0	0	0	3	1
SA5112002	10022209	21	532359	5761155	13A/02	52.002067	-56.528633	0.003	1.5	2	1	4	4	0	0	0	2	1
SA5112003	10022211	21	533476	5762990	13A/02	52.018500	-56.512183	0.048	1.5	3	1	4	2	0	0	0	3	1
SA5112004	10022212	21	531889	5763115	13A/02	52.019717	-56.535300	0.001	1.0	3	1	4	5	0	0	0	3	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112005	10022213	21	531283	5765213	13A/02	52.038617	-56.543933	0.001	2.0	3	1	2	1	0	0	0	2	1
SA5112006	10022214	21	532601	5766293	13A/02	52.048250	-56.524617	0.001	1.5	3	1	4	4	0	1	0	2	1
SA5112007	10022215	21	531213	5767237	13A/02	52.056817	-56.544767	0.004	1.5	3	1	4	2	0	0	0	2	1
SA5112008	10022216	21	529538	5767654	13A/02	52.060650	-56.569167	0.132	1.5	3	1	1	3	1	0	0	3	1
SA5112009	10022217	21	527234	5767036	13A/02	52.055220	-56.602817	0.002	1.0	2	1	5	1	0	0	0	2	1
SA5112010	10022218	21	532600	5766314	13A/02	52.048436	-56.524627	0.001	1.0	3	1	5	5	0	2	0	2	2
SA5112011	10022219	21	524996	5767002	13A/02	52.055017	-56.635467	0.003	1.0	2	1	2	5	0	0	0	3	1
SA5112012	10022221	21	524968	5769056	13A/02	52.073483	-56.635717	0.001	0.5	3	1	2	4	0	0	0	2	1
SA5112013	10022222	21	526398	5769777	13A/02	52.079900	-56.614800	0.001	1.0	2	1	2	1	0	0	0	2	1
SA5112014	10022223	21	528797	5768724	13A/02	52.070317	-56.579883	0.306	1.5	3	1	1	3	2	0	0	2	1
SA5112015	10022224	21	530236	5769621	13A/02	52.078300	-56.558817	0.002	1.0	3	1	2	1	0	0	0	2	1
SA5112016	10022225	21	533673	5769198	13A/02	52.074300	-56.508700	0.002	1.0	3	1	4	5	0	0	0	2	1
SA5112017	10022226	21	533639	5771005	13A/02	52.090550	-56.509017	0.001	1.0	3	1	4	4	0	0	0	3	1
SA5112018	10022227	21	533140	5772943	13A/02	52.108000	-56.516117	0.041	1.0	2	1	4	2	0	0	0	2	1
SA5112019	10022228	21	531229	5772558	13A/02	52.104650	-56.544050	0.001	1.5	3	1	4	5	0	0	0	2	1
SA5112020	10022229	21	531068	5771888	13A/02	52.098633	-56.546467	0.001	1.0	3	1	4	2	0	0	0	1	1
SA5112021	10022231	21	529629	5771845	13A/02	52.098333	-56.567467	0.001	1.0	1	1	4	2	0	0	0	2	1
SA5112022	10022232	21	529020	5773803	13A/02	52.115967	-56.576200	0.001	1.5	1	1	4	5	0	0	0	1	1
SA5112023	10022233	21	526062	5773119	13A/02	52.109967	-56.619450	0.001	1.0	3	1	2	5	0	0	0	2	1
SA5112024	10022234	21	524950	5771788	13A/02	52.098050	-56.635783	0.002	1.0	3	1	4	5	0	0	0	2	1
SA5112025	10022235	21	523247	5774008	13A/02	52.118083	-56.660483	0.001	0.5	3	0	4	5	0	0	0	2	1
SA5112026	10022236	21	524312	5775986	13A/02	52.135817	-56.644800	0.001	1.0	3	1	4	4	0	1	0	1	2
SA5112027	10022237	21	525424	5776242	13A/02	52.138067	-56.628533	0.001	1.0	2	1	4	4	0	0	0	2	1
SA5112028	10022238	21	527466	5774638	13A/02	52.123550	-56.598817	0.002	1.5	2	1	4	4	0	0	0	2	1
SA5112029	10022239	21	528619	5774956	13A/02	52.126350	-56.581950	0.001	1.0	3	1	4	4	0	0	0	2	1
SA5112030	10022241	21	531024	5776650	13A/02	52.141450	-56.546667	0.001	1.0	3	1	4	4	0	0	0	2	1
SA5112031	10022242	21	520527	5778840	13A/02	52.161633	-56.699917	*0.001*	1.0	3	1	4	4	0	0	0	2	0
SA5112032	10022243	21	519523	5780731	13A/02	52.178667	-56.714483	0.001	0.5	2	1	4	3	0	0	0	3	1
SA5112033	10022244	21	519734	5788516	13A/02	52.248650	-56.710950	0.092	1.0	3	1	4	3	0	0	0	3	1
SA5112034	10022245	21	524324	5775995	13A/02	52.135900	-56.644617	0.001	1.0	3	1	4	-9	0	2	0	3	2
SA5112035	10022246	21	519477	5787616	13A/02	52.240567	-56.714767	0.001	1.0	2	1	4	5	0	0	0	3	1
SA5112036	10022247	21	516526	5787509	13A/02	52.239700	-56.757983	0.083	3.0	2	1	5	3	0	0	0	1	1
SA5112037	10022248	21	515145	5788125	13A/02	52.245283	-56.778183	0.001	1.0	3	1	4	5	0	0	0	3	1
SA5112038	10022249	21	513419	5788191	13A/02	52.245917	-56.803467	0.025	1.0	1	1	13	3	0	0	0	1	1
SA5112039	10022251	21	513265	5786868	13A/02	52.234033	-56.805767	0.033	1.5	3	1	2	4	0	0	0	3	1
SA5112040	10022252	21	514493	5786099	13A/02	52.227083	-56.787817	0.001	1.0	2	1	4	5	0	0	0	1	1
SA5112041	10022253	21	515921	5781778	13A/02	52.188200	-56.767117	0.002	1.0	2	0	4	5	0	0	0	3	1
SA5112042	10022254	21	512940	5780706	13A/02	52.178633	-56.810767	0.010	1.0	3	1	4	5	0	0	0	1	1
SA5112043	10022255	21	512960	5778222	13A/02	52.156300	-56.810567	0.005	1.5	3	1	4	5	0	0	0	1	1
SA5112044	10022256	21	513829	5776748	13A/02	52.143033	-56.797917	0.001	1.0	2	1	4	5	0	0	0	3	1
SA5112045	10022257	21	515591	5777903	13A/02	52.153367	-56.772117	0.001	0.5	3	0	4	5	0	0	0	3	2
SA5112046	10022258	21	517474	5778651	13A/02	52.160033	-56.744567	0.001	1.5	2	0	4	3	0	0	0	3	2
SA5112047	10022259	21	515797	5775766	13A/02	52.134150	-56.769217	0.001	1.0	2	0	4	5	0	0	0	3	1
SA5112048	10022261	21	518395	5774655	13A/02	52.124083	-56.731317	0.001	1.0	2	0	4	5	0	0	0	3	2
SA5112049	10022262	21	522245	5768973	13A/02	52.072850	-56.675450	0.001	2.0	2	0	4	3	0	0	0	3	1
SA5112050	10022263	21	523167	5767338	13A/02	52.058117	-56.662117	0.003	1.5	2	1	4	5	0	0	0	1	1
SA5112051	10022264	21	521589	5768165	13A/02	52.065617	-56.685067	0.0005	1.0	2	1	4	5	0	0	0	3	1
SA5112052	10022265	21	520896	5767055	13A/02	52.055667	-56.695250	0.972	1.5	1	1	5	3	0	0	0	3	1
SA5112053	10022266	21	519024	5766075	13A/02	52.046917	-56.722600	0.001	1.5	2	1	4	5	0	1	0	1	2
SA5112054	10022267	21	514372	5764674	13A/02	52.034467	-56.790500	0.004	1.0	3	1	4	5	0	0	0	3	1
SA5112055	10022268	21	518840	5763090	13A/02	52.020083	-56.725450	0.001	1.0	2	1	4	5	0	0	0	1	1
SA5112056	10022269	21	518998	5766080	13A/02	52.046967	-56.722983	0.001	1.0	2	1	4	5	0	2	0	1	2
SA5112057	10022271	21	524795	5764397	13A/02	52.031600	-56.638583	0.002	1.0	2	1	4	5	0	0	0	1	1
SA5112058	10022272	21	526074	5764388	13A/02	52.031467	-56.619933	0.004	1.5	2	1	4	5	0	0	0	3	1
SA5112059	10022273	21	525838	5763660	13A/02	52.024933	-56.623433	0.203	2.0	1	1	4	3	0	0	0	3	1
SA5112060	10022274	21	526557	5762570	13A/02	52.015100	-56.613033	0.001	1.5	3	1	4	5	0	0	0	3	1
SA5112061	10022275	21	527376	5761407	13A/02	52.004600	-56.601200	0.002	1.0	2	1	4	5	0	0	0	1	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112062	10022276	21	528451	5761100	13A/02	52.001783	-56.585567	0.832	2.5	1	1	5	4	0	0	0	1	1
SA5112063	10022277	21	529468	5762133	13A/02	52.011017	-56.570667	0.001	1.5	2	0	4	5	0	0	0	3	1
SA5112064	10022278	21	530086	5761169	13A/02	52.002317	-56.561750	0.508	1.5	1	1	4	3	0	0	0	1	1
SA5112065	10022279	21	517483	5762289	13A/02	52.012933	-56.745267	0.001	0.5	3	0	4	5	0	1	0	3	2
SA5112066	10022281	21	512644	5762480	13A/02	52.014783	-56.815767	0.001	1.5	3	0	4	5	0	0	0	2	0
SA5112067	10022282	21	508954	5762254	13A/02	52.012817	-56.869533	0.001	1.0	4	0	2	5	0	0	0	2	0
SA5112068	10022283	21	508379	5760840	13A/02	52.000117	-56.877950	0.001	0.5	4	0	2	5	0	0	0	3	2
SA5112069	10022284	21	506748	5762100	13A/02	52.011467	-56.901683	0.001	1.5	7	0	4	5	0	0	0	2	1
SA5112070	10022285	21	505036	5760786	13A/02	51.999667	-56.926650	0.013	2.0	7	1	4	5	0	0	0	1	0
SA5112071	10022286	21	502635	5761049	13A/02	52.002050	-56.961617	0.003	1.0	7	1	4	5	0	0	0	2	1
SA5112072	10022287	21	517490	5762279	13A/02	52.012841	-56.745167	0.001	0.5	3	0	4	5	0	2	0	3	2
SA5112073	10022288	21	500227	5761623	13A/02	52.007217	-56.996700	0.129	1.5	7	1	4	5	0	0	0	2	1
SA5112074	10022289	21	501732	5762702	13A/02	52.016917	-56.974767	0.040	0.5	7	1	2	5	0	0	0	3	0
SA5112075	10022291	21	502983	5763390	13A/02	52.023100	-56.956533	0.002	1.0	7	1	2	5	0	0	0	2	1
SA5112076	10022292	21	503178	5764225	13A/02	52.030600	-56.953683	0.001	0.5	7	1	2	5	0	0	0	3	2
SA5112077	10022293	21	505842	5763371	13A/02	52.022900	-56.914867	0.042	2.0	6	1	2	3	0	0	0	1	0
SA5112078	10022294	21	501884	5765822	13A/02	52.044967	-56.972533	*0.001*	1.5	7	1	2	3	0	0	0	1	1
SA5112079	10022295	21	504910	5766790	13A/02	52.053650	-56.928400	0.001	-9.0	7	1	-9	-9	0	0	0	2	1
SA5112080	10022296	21	509170	5766551	13A/02	52.051450	-56.866283	0.001	1.5	7	1	5	5	0	0	0	2	0
SA5112081	10022297	21	510485	5767829	13A/02	52.062917	-56.847067	0.001	1.5	3	1	2	5	0	0	0	2	1
SA5112082	10022298	21	511486	5768250	13A/02	52.066683	-56.832450	0.001	1.5	3	1	5	5	0	0	0	1	0
SA5112083	10022299	21	513125	5769626	13A/02	52.079017	-56.808483	0.002	1.5	3	1	5	5	0	1	0	1	0
SA5112084	10022301	21	512641	5771505	13A/02	52.095917	-56.815483	0.001	1.0	3	1	4	5	0	0	0	2	1
SA5112085	10022302	21	511884	5772391	13A/02	52.103900	-56.826500	0.003	1.0	2	1	4	5	0	0	0	2	1
SA5112086	10022303	21	510135	5771562	13A/02	52.096483	-56.852050	0.004	1.5	2	1	2	5	0	0	0	2	0
SA5112087	10022304	21	508958	5770518	13A/02	52.087117	-56.869267	0.001	1.0	2	1	5	5	0	0	0	2	1
SA5112088	10022305	21	507570	5771392	13A/02	52.095000	-56.889500	0.001	0.5	2	1	4	5	0	0	0	2	0
SA5112089	10022306	21	505049	5768827	13A/02	52.071967	-56.926333	0.001	-9.0	3	1	-9	-9	0	0	0	2	1
SA5112090	10022307	21	505548	5771162	13A/02	52.092950	-56.919017	0.001	0.5	3	0	4	5	0	0	0	2	1
SA5112091	10022308	21	503611	5770402	13A/02	52.086133	-56.947300	0.006	2.0	2	1	2	5	0	0	0	2	1
SA5112092	10022309	21	502434	5772375	13A/02	52.103883	-56.964467	0.003	1.5	3	1	2	5	0	0	0	2	1
SA5112093	10022311	21	500620	5773218	13A/02	52.111467	-56.990950	0.039	1.5	6	1	1	4	0	0	0	1	1
SA5112094	10022312	21	503649	5775045	13A/02	52.127883	-56.946700	0.003	1.0	2	1	2	5	0	0	0	2	1
SA5112095	10022313	21	567518	5805748	13A/08	52.399767	-56.007650	0.001	1.5	3	1	2	5	0	0	0	3	2
SA5112096	10022314	21	565399	5807394	13A/08	52.414817	-56.038467	0.006	2.0	3	1	2	3	0	0	0	3	1
SA5112097	10022315	21	563641	5806709	13A/08	52.408867	-56.064450	0.006	1.0	3	1	2	3	0	0	0	3	1
SA5112098	10022316	21	558213	5807013	13A/08	52.412200	-56.144183	0.002	1.5	6	1	2	2	5	0	0	2	1
SA5112099	10022317	21	557008	5804496	13A/08	52.389700	-56.162317	0.088	5.0	6	1	4	3	0	0	0	3	1
SA5112100	10022318	21	513108	5769626	13A/02	52.079017	-56.808733	0.002	1.5	3	1	5	5	0	2	0	1	1
SA5112101	10022319	21	552529	5803771	13A/08	52.383633	-56.228233	0.001	1.5	3	1	2	5	0	0	0	1	2
SA5112102	10022321	21	550763	5801889	13A/08	52.366883	-56.254467	0.006	4.5	3	1	1	3	0	0	0	2	1
SA5112103	10022322	21	549968	5802864	13A/08	52.375717	-56.266000	0.001	2.0	3	1	2	3	0	0	0	1	1
SA5112104	10022323	21	550816	5804824	13A/08	52.393267	-56.253250	0.007	1.0	3	1	2	3	0	0	0	2	1
SA5112105	10022324	21	553113	5806158	13A/08	52.405033	-56.219283	0.087	4.5	6	1	2	3	0	0	0	2	1
SA5112106	10022325	21	551757	5808407	13A/08	52.425383	-56.238867	0.074	10.0	1	1	4	3	0	0	0	2	1
SA5112107	10022326	21	549696	5808534	13A/08	52.426717	-56.269150	0.167	4.0	6	1	2	3	0	0	0	2	1
SA5112108	10022327	21	550114	5807943	13A/08	52.421367	-56.263100	0.008	1.0	3	1	2	3	0	0	0	2	1
SA5112109	10022328	21	550051	5807156	13A/08	52.414300	-56.264133	0.131	1.5	3	1	2	3	0	0	0	2	1
SA5112110	10022329	21	549121	5804716	13A/08	52.392450	-56.278167	0.022	1.5	3	1	2	5	0	0	0	2	1
SA5112111	10022331	21	546471	5804991	13A/08	52.395150	-56.317067	0.001	2.0	3	1	2	5	0	0	0	2	1
SA5112112	10022332	21	547368	5808391	13A/08	52.425633	-56.303400	0.198	3.0	1	1	2	5	0	0	0	2	1
SA5112113	10022333	21	545330	5808577	13A/08	52.427483	-56.333350	0.064	7.5	1	1	4	3	0	0	0	2	1
SA5112114	10022334	21	545719	5806636	13A/08	52.410000	-56.327900	0.074	9.0	6	1	5	3	0	0	0	2	2
SA5112115	10022335	21	545235	5805026	13A/08	52.395567	-56.335233	0.108	5.5	1	1	5	3	0	0	0	1	1
SA5112116	10022336	21	543281	5803774	13A/08	52.384467	-56.364100	0.049	1.0	3	1	2	5	0	0	0	2	1
SA5112117	10022337	21	541765	5802453	13A/08	52.372717	-56.386533	0.001	1.5	3	1	4	5	0	1	0	1	1
SA5112118	10022338	21	541320	5801845	13A/08	52.367283	-56.393150	0.351	4.0	1	1	5	3	0	0	0	1	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112119	10022339	21	541679	5802449	13A/08	52.372683	-56.387800	0.001	1.5	3	1	2	5	0	2	0	2	2
SA5112120	10022341	21	539947	5803632	13A/08	52.383450	-56.413100	0.066	1.5	1	1	4	3	0	0	0	2	1
SA5112121	10022342	21	538668	5801045	13A/08	52.360283	-56.432183	0.015	3.5	3	1	2	5	0	0	0	2	1
SA5112122	10022343	21	538002	5802983	13A/08	52.377750	-56.441750	0.172	2.5	1	1	2	5	0	0	0	2	1
SA5112123	10022344	21	566589	5815199	13A/08	52.484833	-56.019417	0.001	1.0	7	0	4	5	0	0	0	2	1
SA5112124	10022345	21	564254	5814323	13A/08	52.477233	-56.053967	0.012	1.5	1	1	2	4	0	0	0	2	1
SA5112125	10022346	21	563307	5815067	13A/08	52.484033	-56.067767	0.129	7.5	1	1	5	1	0	0	0	2	1
SA5112126	10022347	21	561638	5814960	13A/08	52.483267	-56.092367	0.051	2.0	3	1	2	4	0	0	0	2	2
SA5112127	10022348	21	558254	5815019	13A/08	52.484167	-56.142183	0.019	5.0	3	1	5	4	0	0	0	1	2
SA5112128	10022349	21	557286	5815019	13A/08	52.484267	-56.156433	0.155	2.0	3	1	5	1	0	0	0	2	1
SA5112129	10022351	21	555809	5815343	13A/08	52.487333	-56.178117	0.122	9.5	1	1	2	1	0	0	0	2	1
SA5112130	10022352	21	559276	5813416	13A/08	52.469650	-56.127417	0.009	2.5	4	1	1	5	0	0	0	2	1
SA5112131	10022353	21	556542	5812800	13A/08	52.464400	-56.167767	0.004	2.5	2	1	5	1	1	0	0	2	2
SA5112132	10022354	21	555390	5813362	13A/08	52.469567	-56.184617	0.482	2.5	2	1	5	2	1	0	0	2	2
SA5112133	10022355	21	553339	5813031	13A/08	52.466800	-56.214867	0.002	1.5	2	1	2	5	0	0	0	2	2
SA5112134	10022356	21	554751	5811576	13A/08	52.453583	-56.194317	0.001	1.5	2	1	2	4	0	0	0	1	2
SA5112135	-9	21	557784	5811326	13A/08	52.451017	-56.149733	0.001	-9.0	2	1	-9	-9	0	0	0	2	1
SA5112136	10022357	21	560668	5812154	13A/08	52.458150	-56.107150	0.001	1.5	2	1	4	5	0	1	0	1	2
SA5112137	10022358	21	562964	5812459	13A/08	52.460633	-56.073317	0.001	1.0	2	0	5	5	0	0	0	2	2
SA5112138	10022359	21	565550	5812821	13A/08	52.463583	-56.035183	0.023	2.5	1	1	5	4	0	0	0	2	1
SA5112139	10022361	21	567323	5810783	13A/08	52.445050	-56.009500	0.180	6.5	1	1	5	3	0	0	0	2	1
SA5112140	10022362	21	560671	5812180	13A/08	52.458383	-56.107100	0.001	1.5	2	1	4	5	0	2	0	1	1
SA5112141	10022363	21	567809	5807942	13A/08	52.419450	-56.002933	0.006	1.5	3	0	2	5	1	0	0	3	2
SA5112142	10022364	21	567102	5808654	13A/08	52.425933	-56.013183	0.198	2.0	1	1	1	2	0	0	0	2	2
SA5112143	10022365	21	565648	5808449	13A/08	52.424267	-56.034600	0.010	2.5	2	1	3	1	1	1	0	2	2
SA5112144	10022366	21	563436	5810098	13A/08	52.439350	-56.066817	0.007	1.5	3	1	5	1	0	0	0	2	2
SA5112145	10022367	21	560973	5810586	13A/08	52.444017	-56.102950	0.018	1.5	1	1	5	5	0	0	0	2	1
SA5112146	10022368	21	565613	5808456	13A/08	52.424333	-56.035117	0.010	3.5	1	1	5	3	1	2	0	2	1
SA5112147	10022369	21	562949	5808734	13A/08	52.427150	-56.074233	0.004	1.5	3	1	2	4	0	0	0	2	1
SA5112148	10022371	21	510829	5786360	13A/02	52.229517	-56.841450	0.016	1.5	3	1	5	5	0	0	0	2	1
SA5112149	10022372	21	511618	5782875	13A/02	52.198167	-56.830017	0.082	1.5	3	1	4	4	0	0	0	2	1
SA5112150	10022373	21	510981	5780414	13A/02	52.176050	-56.839417	0.006	1.5	2	1	4	4	0	0	0	2	1
SA5112151	10022374	21	510983	5778734	13A/02	52.160950	-56.839450	0.001	1.0	2	0	4	4	0	0	0	2	1
SA5112152	10022375	21	510679	5774738	13A/02	52.125033	-56.844017	0.004	1.5	2	1	4	4	0	0	0	1	1
SA5112153	10022376	21	509018	5773771	13A/02	52.116367	-56.868300	0.003	1.5	2	1	2	4	0	0	0	2	1
SA5112154	10022377	21	508489	5774477	13A/02	52.122717	-56.876017	0.001	1.0	2	1	4	5	0	0	0	2	2
SA5112155	10022378	21	506534	5773641	13A/02	52.115233	-56.904583	0.001	1.0	2	1	4	4	0	0	0	2	2
SA5112156	10022379	21	504082	5772780	13A/02	52.107517	-56.940400	0.490	1.0	1	1	13	1	0	0	0	2	1
SA5112157	10022381	21	503895	5774452	13A/02	52.122550	-56.943117	0.006	0.5	2	1	4	4	0	0	0	2	1
SA5112158	10022382	21	507197	5775318	13A/02	52.130300	-56.894867	0.006	1.0	2	1	4	4	0	0	0	2	2
SA5112159	10022383	21	508778	5776867	13A/02	52.144200	-56.871733	0.001	0.5	2	0	5	1	0	0	0	3	2
SA5112160	10022384	21	507209	5776825	13A/02	52.143850	-56.894650	0.001	1.0	2	1	2	4	0	0	0	2	1
SA5112161	10022385	21	504112	5776668	13A/02	52.142467	-56.939917	0.096	1.5	2	1	7	1	0	0	0	3	2
SA5112162	10022386	21	501807	5776043	13A/02	52.136867	-56.973600	0.005	1.0	2	1	2	4	0	0	0	2	1
SA5112163	10022387	21	500890	5775554	13A/02	52.132467	-56.987000	0.001	0.5	2	1	2	4	0	0	0	1	1
SA5112164	10022388	21	502809	5777503	13A/02	52.149983	-56.958950	0.010	1.0	2	1	2	4	0	0	0	2	2
SA5112165	10022389	21	504826	5778702	13A/02	52.160750	-56.929450	0.267	1.5	3	1	5	1	0	0	0	3	2
SA5112166	10022391	21	507191	5778521	13A/02	52.159100	-56.894883	0.141	1.5	3	1	13	2	0	0	0	2	1
SA5112167	10022392	21	507944	5778385	13A/02	52.157867	-56.883883	0.004	1.5	2	0	4	4	0	0	0	2	1
SA5112168	10022393	21	508664	5780997	13A/02	52.181333	-56.873283	0.005	1.0	2	1	2	4	0	0	0	2	1
SA5112169	10022394	21	506764	5781693	13A/02	52.187617	-56.901067	0.157	1.5	2	1	13	2	0	0	0	2	1
SA5112170	10022395	21	504359	5780739	13A/02	52.179067	-56.936250	0.144	1.5	3	1	5	1	0	0	0	3	1
SA5112171	10022396	21	502922	5779625	13A/02	52.169067	-56.957283	0.001	1.5	2	1	5	4	0	1	0	2	1
SA5112172	10022397	21	502531	5781108	13A/02	52.182400	-56.962983	0.171	1.5	2	1	13	1	0	0	0	2	1
SA5112173	10022398	21	502883	5779601	13A/02	52.168850	-56.957850	0.001	1.0	2	1	4	4	0	2	0	2	1
SA5112174	10022399	21	500837	5779714	13A/02	52.169867	-56.987767	0.0005	0.5	3	0	4	4	0	0	0	1	2
SA5112175	10022401	21	500340	5781167	13A/02	52.182933	-56.995033	0.081	1.5	2	1	5	2	0	0	0	3	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112176	10022402	21	501399	5783019	13A/02	52.199583	-56.979533	0.017	1.0	2	1	5	2	0	0	0	3	1
SA5112177	10022403	21	503431	5783161	13A/02	52.200850	-56.949800	0.042	1.0	2	1	4	2	0	0	0	2	1
SA5112178	10022404	21	504838	5782565	13A/02	52.195483	-56.929217	0.033	1.5	2	1	-9	2	0	0	0	2	1
SA5112179	10022405	21	506271	5783651	13A/02	52.205233	-56.908233	0.516	2.5	6	1	13	2	0	0	0	2	1
SA5112180	10022406	21	508563	5781541	13A/02	52.186233	-56.874750	0.010	1.0	2	1	2	5	0	0	0	2	1
SA5112181	10022407	21	509615	5784443	13A/02	52.212300	-56.859283	0.003	1.5	3	1	5	4	0	0	0	2	1
SA5112182	10022408	21	507370	5785316	13A/02	52.220183	-56.892117	0.004	1.5	2	1	2	4	0	0	0	2	1
SA5112183	10022409	21	505055	5784640	13A/02	52.214133	-56.926017	0.360	1.5	1	1	13	1	0	0	0	3	2
SA5112184	10022411	21	502959	5784935	13A/02	52.216800	-56.956683	0.452	2.0	2	1	5	1	0	1	0	1	1
SA5112185	10022412	21	500782	5785229	13A/02	52.219450	-56.988550	0.005	1.0	2	1	2	5	0	0	0	2	1
SA5112186	10022413	21	500597	5788184	13A/02	52.246017	-56.991250	0.010	1.5	2	1	2	4	0	0	0	2	1
SA5112187	10022414	21	501319	5788964	13A/02	52.253033	-56.980683	0.010	1.5	2	1	2	4	0	0	0	2	1
SA5112188	10022415	21	502842	5786559	13A/02	52.231400	-56.958383	0.010	1.0	2	1	2	4	0	0	0	2	1
SA5112189	10022416	21	504714	5786985	13A/02	52.235217	-56.930967	0.003	0.5	2	1	2	5	0	0	0	2	1
SA5112190	10022417	21	508581	5786348	13A/02	52.229450	-56.874367	0.032	1.5	2	1	1	3	0	0	0	1	1
SA5112191	10022418	21	506527	5788466	13A/02	52.248517	-56.904400	0.001	1.5	2	1	4	4	0	0	0	1	1
SA5112192	10022419	21	511376	5788996	13A/07	52.253200	-56.833350	0.001	2.5	1	1	5	3	0	0	0	1	1
SA5112193	10022421	21	509447	5789058	13A/07	52.253800	-56.861617	0.001	1.5	2	1	2	2	0	0	0	2	1
SA5112194	10022422	21	511310	5791769	13A/07	52.278133	-56.834233	0.001	1.5	3	1	2	1	0	0	0	2	1
SA5112195	10022423	21	511915	5792399	13A/07	52.283783	-56.825333	0.001	0.5	3	1	2	2	0	0	0	2	1
SA5112196	10022424	21	512622	5791414	13A/07	52.274917	-56.815017	0.001	3.0	1	1	5	3	0	0	0	1	1
SA5112197	10022425	21	514169	5790039	13A/07	52.262517	-56.792400	0.001	2.5	3	1	2	3	0	0	0	1	1
SA5112198	10022426	21	516810	5789033	13A/07	52.253400	-56.753750	0.001	3.0	6	1	5	3	0	0	0	1	1
SA5112199	10022427	21	517915	5792793	13A/02	52.287167	-56.737367	0.001	7.5	6	1	5	4	0	0	0	1	1
SA5112200	10022428	21	502920	5785011	13A/02	52.217483	-56.957267	0.452	2.0	2	1	5	5	1	2	0	1	1
SA5112201	10022429	21	518724	5793480	13A/02	52.293317	-56.725467	0.042	1.5	6	1	4	4	0	0	0	1	1
SA5112202	10022431	21	518741	5790748	13A/02	52.268750	-56.725367	0.003	1.5	3	1	4	5	0	0	0	2	1
SA5112203	10022432	21	521855	5788687	13A/02	52.250110	-56.679870	0.260	7.5	1	1	4	3	0	0	0	1	1
SA5112204	10022433	21	523481	5790631	13A/02	52.267517	-56.655917	0.007	1.0	3	1	4	4	0	0	0	2	1
SA5112205	10022434	21	525751	5790898	13A/02	52.269817	-56.622633	0.157	8.0	6	1	4	3	0	0	0	1	1
SA5112206	10022435	21	525403	5789426	13A/02	52.256600	-56.627850	0.028	13.5	3	1	4	3	0	0	0	1	1
SA5112207	10022436	21	556624	5797277	13A/07	52.324850	-56.169183	0.102	1.0	1	1	2	4	0	0	0	2	0
SA5112208	10022437	21	554736	5797376	13A/07	52.325933	-56.196867	0.031	2.5	1	1	2	4	0	0	0	2	0
SA5112209	10022438	21	552680	5797612	13A/07	52.328250	-56.226983	0.014	1.5	1	1	2	4	0	0	0	2	0
SA5112210	10022439	21	500678	5791787	13A/07	52.278417	-56.990067	0.012	1.5	2	1	4	4	0	0	0	1	0
SA5112211	10022441	21	500842	5792774	13A/07	52.287283	-56.987650	0.664	2.5	1	1	5	3	0	0	0	1	2
SA5112212	10022442	21	500965	5794882	13A/07	52.306233	-56.985850	0.016	1.5	2	1	4	4	0	0	0	2	0
SA5112213	10022443	21	500986	5797330	13A/07	52.328250	-56.985533	0.008	1.0	2	1	4	4	0	0	0	2	0
SA5112214	10022444	21	500947	5797317	13A/07	52.328133	-56.986100	0.008	1.0	2	1	4	5	0	0	0	2	2
SA5112215	10022445	21	500652	5798676	13A/07	52.340350	-56.990433	0.006	1.0	2	1	4	5	0	0	0	2	0
SA5112216	10022446	21	501244	5800936	13A/07	52.360667	-56.981733	0.003	1.0	2	1	4	4	0	0	0	2	0
SA5112217	10022447	21	502638	5801044	13A/07	52.361633	-56.961267	0.001	1.0	2	1	4	5	0	0	0	2	0
SA5112218	10022448	21	503369	5799508	13A/07	52.347817	-56.950550	0.003	1.5	3	1	4	4	0	0	0	2	0
SA5112219	10022449	21	504555	5799425	13A/07	52.347067	-56.933133	0.002	1.0	2	1	5	4	0	0	0	2	0
SA5112220	10022451	21	503213	5796106	13A/07	52.317233	-56.952867	0.400	2.5	3	1	7	1	0	0	0	1	0
SA5112221	10022452	21	502709	5794582	13A/07	52.303533	-56.960267	0.206	1.5	6	1	5	4	0	0	0	2	0
SA5112222	10022453	21	503376	5793791	13A/07	52.296417	-56.950500	0.003	1.0	2	1	2	4	0	0	0	1	0
SA5112223	10022454	21	502716	5791588	13A/07	52.276617	-56.960200	0.008	1.0	2	1	2	4	0	0	0	1	1
SA5112224	10022455	21	504069	5794006	13A/07	52.298350	-56.940333	0.001	1.5	3	1	5	4	0	0	0	1	0
SA5112225	10022456	21	504464	5794891	13A/07	52.306300	-56.934533	0.348	3.0	1	1	3	1	0	0	0	1	0
SA5112226	10022457	21	505612	5796266	13A/07	52.318650	-56.917667	0.003	1.0	2	1	4	5	0	0	0	3	0
SA5112227	10022458	21	506411	5798495	13A/07	52.338683	-56.905900	0.012	1.5	3	1	2	5	0	0	0	1	0
SA5112228	10022459	21	506384	5796851	13A/07	52.323900	-56.906333	0.278	1.5	1	1	2	5	0	0	0	1	0
SA5112229	10022461	21	506545	5795505	13A/07	52.311800	-56.904000	0.001	1.0	2	1	2	5	0	0	0	2	0
SA5112230	10022462	21	506479	5793816	13A/07	52.296617	-56.905000	0.005	3.0	6	1	2	3	0	0	0	2	0
SA5112231	10022463	21	508454	5797284	13A/07	52.327767	-56.875950	0.092	2.0	6	1	6	3	0	0	0	1	0
SA5112232	10022464	21	509485	5798743	13A/07	52.340867	-56.860783	0.028	1.5	1	1	1	4	0	0	0	1	0

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112233	10022465	21	508566	5801407	13A/07	52.364833	-56.874200	0.002	1.0	3	1	4	4	0	1	0	1	1
SA5112234	10022466	21	510909	5800551	13A/07	52.357100	-56.839817	0.002	1.5	3	1	5	3	0	0	0	1	1
SA5112235	10022467	21	508564	5801377	13A/07	52.364567	-56.874233	0.002	1.0	3	1	5	4	0	2	0	2	1
SA5112236	10022468	21	512234	5798871	13A/07	52.341967	-56.820433	0.001	1.5	6	1	13	1	0	0	0	2	1
SA5112237	-9	21	511199	5796349	13A/07	52.319317	-56.835700	0.153	-9.0	1	1	-9	-9	0	0	0	1	0
SA5112238	10022471	21	513761	5794671	13A/07	52.304167	-56.798183	0.001	0.5	3	1	4	4	0	0	0	1	0
SA5112239	10022472	21	515878	5794697	13A/07	52.304350	-56.767133	0.001	1.5	6	1	2	5	0	0	0	2	0
SA5112240	10022473	21	515184	5796579	13A/07	52.321283	-56.777233	0.025	2.5	1	1	2	3	0	0	0	2	0
SA5112241	10022474	21	514420	5799200	13A/07	52.344867	-56.788333	0.001	1.5	3	1	2	1	0	1	0	2	0
SA5112242	10022475	21	512884	5800397	13A/07	52.355667	-56.810833	0.020	1.5	1	1	2	2	0	0	0	1	1
SA5112243	10022476	21	514407	5801639	13A/07	52.366800	-56.788417	0.005	6.0	3	1	4	3	0	0	0	3	1
SA5112244	10022477	21	517309	5797240	13A/07	52.327167	-56.746017	0.039	1.0	3	1	4	3	0	0	0	3	1
SA5112245	10022478	21	514433	5799218	13A/07	52.345033	-56.788133	0.001	1.5	3	1	7	1	0	2	0	2	0
SA5112246	10022479	21	517563	5794987	13A/07	52.306900	-56.742417	0.001	1.5	3	1	4	3	0	0	0	2	1
SA5112247	10022481	21	518635	5794409	13A/07	52.301667	-56.726717	0.002	3.0	3	1	4	3	0	0	0	1	1
SA5112248	10022482	21	521092	5795366	13A/07	52.310183	-56.690633	0.006	1.0	3	1	4	5	0	0	0	1	1
SA5112249	10022483	21	521256	5796529	13A/07	52.320633	-56.688150	0.002	8.0	3	1	5	3	0	0	0	1	0
SA5112250	10022484	21	522363	5796510	13A/07	52.320417	-56.671917	0.039	6.0	6	1	4	3	0	0	0	1	1
SA5112251	10022485	21	523727	5795680	13A/07	52.312900	-56.651967	0.137	7.0	6	1	4	3	0	0	0	1	1
SA5112252	10022486	21	525296	5794778	13A/07	52.304717	-56.629017	0.006	1.5	3	1	4	4	0	0	0	3	1
SA5112253	10022487	21	523886	5794136	13A/07	52.299017	-56.649733	0.156	1.5	6	1	4	5	0	0	0	1	1
SA5112254	10022488	21	524391	5792886	13A/07	52.287750	-56.642417	0.274	5.0	1	1	4	3	0	0	0	1	1
SA5112255	10022489	21	523300	5790445	13A/07	52.265850	-56.658583	0.003	6.0	3	1	4	5	0	0	0	2	1
SA5112256	10022491	21	526548	5791026	13A/07	52.270933	-56.610950	0.031	3.5	3	1	2	3	0	0	0	3	1
SA5112257	10022492	21	527153	5789704	13A/07	52.259017	-56.602183	0.135	6.0	6	1	4	3	0	0	0	1	1
SA5112258	10022493	21	529034	5789674	13A/07	52.258650	-56.574633	0.001	2.5	3	1	4	3	0	0	0	3	1
SA5112259	10022494	21	530798	5789323	13A/07	52.255400	-56.548817	0.005	1.5	3	1	4	2	0	0	0	3	1
SA5112260	10022495	21	531081	5791170	13A/07	52.271983	-56.544500	0.049	4.0	6	1	4	3	0	0	0	1	1
SA5112261	10022496	21	533350	5790610	13A/07	52.266817	-56.511317	0.221	-9.0	6	1	-9	-9	-9	0	0	3	1
SA5112262	10022497	21	534215	5788639	13A/07	52.249050	-56.498833	0.001	2.0	3	1	4	3	0	0	0	3	1
SA5112263	10022498	21	532983	5792598	13A/07	52.284717	-56.516500	0.015	2.0	3	1	4	3	0	1	0	3	1
SA5112264	10022499	21	532858	5794893	13A/07	52.305350	-56.518100	0.008	2.5	3	1	4	5	0	0	0	3	1
SA5112265	10022501	21	530409	5794558	13A/07	52.302483	-56.554050	0.101	3.0	6	1	4	3	0	0	0	3	1
SA5112266	10022502	21	531090	5792486	13A/07	52.283817	-56.544250	0.021	3.0	6	1	4	3	0	0	0	3	1
SA5112267	10022503	21	529166	5792882	13A/07	52.287483	-56.572417	0.003	1.0	3	1	4	5	0	0	0	1	1
SA5112268	10022504	21	528963	5795015	13A/07	52.306667	-56.575217	0.028	3.0	1	1	4	3	0	0	0	3	1
SA5112269	10022505	21	528620	5796338	13A/07	52.318583	-56.580133	0.009	1.0	3	1	4	3	0	0	0	3	1
SA5112270	10022506	21	530891	5796875	13A/07	52.323283	-56.546767	0.593	4.0	1	1	4	3	0	0	0	1	1
SA5112271	10022507	21	532962	5796545	13A/07	52.320200	-56.516417	0.843	3.0	6	1	4	3	0	0	0	3	1
SA5112272	10022508	21	532675	5798677	13A/07	52.339383	-56.520417	0.001	1.0	3	1	4	5	0	0	0	3	1
SA5112273	10022509	21	530891	5798556	13A/07	52.338400	-56.546617	0.072	2.0	1	1	4	4	0	0	0	3	1
SA5112274	10022511	21	501537	5811598	13A/07	52.456517	-56.977383	0.010	1.0	3	1	2	5	0	0	0	2	1
SA5112275	10022512	21	501510	5813105	13A/07	52.470067	-56.977767	0.018	1.5	3	1	2	4	0	0	0	2	1
SA5112276	10022513	21	500721	5815797	13A/07	52.494267	-56.989383	0.059	2.0	3	1	2	4	0	0	0	2	1
SA5112277	10022514	21	502833	5815098	13A/07	52.487983	-56.958283	0.003	2.0	3	1	2	5	0	0	0	2	1
SA5112278	10022515	21	503266	5812463	13A/07	52.464283	-56.951933	0.165	2.0	3	1	2	1	0	0	0	2	1
SA5112279	10022516	21	532978	5792533	13A/07	52.284133	-56.516567	0.015	1.5	3	1	4	3	0	2	0	3	1
SA5112280	10022517	21	502879	5811517	13A/07	52.455783	-56.957633	0.102	1.5	3	1	2	1	0	0	0	2	1
SA5112281	10022518	21	504682	5816125	13A/07	52.497200	-56.931033	0.013	1.0	3	1	2	5	0	0	0	2	1
SA5112282	10022519	21	505108	5815738	13A/07	52.493717	-56.924767	7.226	1.5	6	1	2	2	0	0	0	2	1
SA5112283	10022521	21	505142	5813361	13A/07	52.472350	-56.924300	0.013	6.5	6	1	4	3	0	0	0	1	1
SA5112284	10022522	21	505695	5811453	13A/07	52.455183	-56.916200	0.002	2.0	6	1	2	5	0	0	0	2	1
SA5112285	10022523	21	506348	5809807	13A/07	52.440383	-56.906617	0.006	1.5	3	1	2	4	0	0	0	2	1
SA5112286	10022524	21	507193	5806768	13A/07	52.413050	-56.894250	0.001	1.0	2	0	2	5	0	1	0	1	1
SA5112287	10022525	21	505653	5803520	13A/07	52.383867	-56.916950	0.003	0.5	2	1	2	4	0	0	0	2	1
SA5112288	10022526	21	507111	5804439	13A/07	52.392117	-56.895500	0.029	1.5	3	1	1	5	0	0	0	2	1
SA5112289	10022527	21	508656	5804516	13A/07	52.392783	-56.872800	0.001	1.5	3	1	2	4	0	0	0	1	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112290	10022528	21	508916	5802998	13A/07	52.379133	-56.869017	0.622	2.0	1	1	1	2	0	0	0	2	1
SA5112291	10022529	21	510272	5805042	13A/07	52.397483	-56.849033	0.065	13.5	6	1	4	3	0	0	0	1	1
SA5112292	10022531	21	507183	5806779	13A/07	52.413150	-56.894400	0.001	1.0	3	1	4	5	0	2	0	3	1
SA5112293	10022532	21	510441	5806529	13A/07	52.410850	-56.846500	0.039	6.5	6	1	2	3	0	0	0	1	1
SA5112294	10022533	21	509400	5810554	13A/07	52.447050	-56.861700	0.013	9.5	6	1	2	3	0	0	0	2	1
SA5112295	10022534	21	507101	5813651	13A/07	52.474933	-56.895450	0.147	4.0	6	1	2	2	0	0	0	2	1
SA5112296	10022535	21	506686	5814943	13A/07	52.486550	-56.901533	6.996	1.0	6	1	2	2	0	0	0	2	1
SA5112297	-9	21	508741	5814496	13A/07	52.482500	-56.871283	6.996	-9.0	6	1	-9	-9	-9	0	0	2	1
SA5112298	10022536	21	510405	5815248	13A/07	52.489233	-56.846767	0.001	1.5	2	0	4	5	0	0	0	1	1
SA5112299	10022537	21	509278	5812682	13A/07	52.466183	-56.863433	6.996	7.0	6	1	1	3	0	0	0	2	1
SA5112300	10022538	21	511118	5812498	13A/07	52.464500	-56.836350	0.001	5.0	3	1	5	3	0	0	0	2	1
SA5112301	-9	21	511054	5811710	13A/07	52.457417	-56.837317	0.001	4.5	3	1	5	3	0	0	0	2	1
SA5112302	10022541	21	512466	5812197	13A/07	52.461767	-56.816533	0.003	1.0	3	1	2	5	0	0	0	2	1
SA5112303	10022542	21	512733	5810294	13A/07	52.444650	-56.812667	0.001	1.0	2	0	2	5	0	0	0	1	1
SA5112304	10022543	21	511755	5809063	13A/07	52.433600	-56.827100	0.067	6.5	6	1	5	3	0	0	0	1	1
SA5112305	10022544	21	512705	5806334	13A/07	52.409050	-56.813233	0.214	5.0	1	1	2	2	0	0	0	2	1
SA5112306	10022545	21	511541	5802663	13A/07	52.376067	-56.830467	0.151	4.5	1	1	5	3	0	0	0	1	1
SA5112307	10022546	21	514099	5803236	13A/07	52.381167	-56.792867	0.001	1.5	2	1	4	5	0	1	0	1	1
SA5112308	10022547	21	514518	5807047	13A/07	52.415417	-56.786550	0.023	2.5	1	1	2	4	0	0	0	3	1
SA5112309	10022548	21	515640	5808756	13A/07	52.430750	-56.769967	0.001	1.5	2	1	2	5	0	0	0	1	1
SA5112310	10022549	21	514730	5811698	13A/07	52.457217	-56.783233	0.148	1.5	3	1	4	4	0	0	0	2	1
SA5112311	-9	21	512919	5815747	13A/07	52.493667	-56.809717	0.002	2.0	2	0	2	2	0	0	0	1	1
SA5112312	10022552	21	514090	5803235	13A/07	52.381150	-56.793000	0.001	1.5	2	1	2	4	0	2	0	1	2
SA5112313	10022553	21	514376	5814607	13A/07	52.483383	-56.788317	0.031	1.0	1	1	2	2	0	0	0	1	2
SA5112314	10022554	21	514975	5813739	13A/07	52.475567	-56.779533	0.636	10.0	1	1	4	1	0	0	0	2	1
SA5112315	10022555	21	517141	5814788	13A/07	52.484933	-56.747583	1.651	5.0	1	1	2	3	0	0	0	1	1
SA5112316	10022556	21	517480	5813301	13A/07	52.471550	-56.742667	0.055	2.5	1	1	2	4	0	0	0	2	2
SA5112317	10022557	21	517602	5811928	13A/07	52.459200	-56.740950	0.001	1.0	2	1	5	4	0	0	0	1	1
SA5112318	-9	21	515960	5806796	13A/07	52.413117	-56.765367	0.405	-9.0	1	1	-9	-9	-9	0	0	1	1
SA5112319	10022558	21	516736	5805935	13A/07	52.405350	-56.754000	0.079	1.5	1	1	1	3	2	0	0	1	2
SA5112320	10022559	21	517230	5803543	13A/07	52.383833	-56.746850	0.004	2.0	2	1	2	5	0	0	0	2	1
SA5112321	10022561	21	519040	5802782	13A/07	52.376933	-56.720300	0.005	2.0	2	1	2	4	0	0	0	1	1
SA5112322	10022562	21	521768	5801716	13A/07	52.367250	-56.680300	0.002	2.0	2	1	2	4	0	0	0	3	1
SA5112323	10022563	21	521801	5802414	13A/07	52.373517	-56.679767	0.221	2.5	3	1	2	4	0	0	0	2	1
SA5112324	10022564	21	521543	5804385	13A/07	52.391250	-56.683433	0.079	1.5	3	1	5	1	0	0	0	2	1
SA5112325	10022565	21	522402	5806024	13A/07	52.405950	-56.670700	0.001	1.5	2	1	5	5	0	0	0	1	1
SA5112326	10022566	21	523121	5806999	13A/07	52.414683	-56.660067	0.001	1.0	2	1	5	4	0	1	0	2	1
SA5112327	10022567	21	522033	5807674	13A/07	52.420800	-56.676017	0.370	2.0	1	1	2	3	0	0	0	2	1
SA5112328	10022568	21	521620	5811167	13A/07	52.452217	-56.681867	0.052	7.5	1	1	1	3	3	0	0	1	1
SA5112329	10022569	21	520480	5812677	13A/07	52.465833	-56.698550	0.011	0.5	3	1	2	1	0	0	0	2	1
SA5112330	10022571	21	520304	5814489	13A/07	52.482133	-56.701033	0.002	1.5	2	0	4	5	0	0	0	2	1
SA5112331	10022572	21	519216	5815636	13A/07	52.492483	-56.716983	0.125	2.5	3	1	5	4	0	0	0	2	2
SA5112332	10022573	21	522019	5815238	13A/07	52.488800	-56.675733	0.356	2.5	1	1	13	4	0	0	0	2	1
SA5112333	10022574	21	523432	5813563	13A/07	52.473683	-56.655033	2.219	3.5	1	1	2	1	0	0	0	3	1
SA5112334	10022575	21	525318	5811952	13A/07	52.459117	-56.627400	0.001	1.0	2	0	4	4	0	0	0	2	2
SA5112335	10022576	21	523148	5807004	13A/07	52.414733	-56.659667	0.001	1.0	2	1	4	4	0	2	0	2	1
SA5112336	10022577	21	526071	5811732	13A/07	52.457100	-56.616333	0.023	1.5	3	1	5	5	0	0	0	2	1
SA5112337	10022578	21	525104	5810994	13A/07	52.450517	-56.630617	0.003	1.5	2	1	5	4	0	0	0	1	1
SA5112338	-9	21	507559	5817067	13A/10	52.505633	-56.888633	0.001	1.5	6	1	2	5	0	0	0	1	0
SA5112339	10022581	21	506621	5817942	13A/10	52.513517	-56.902433	0.005	7.5	6	1	4	3	0	0	0	2	0
SA5112340	10022582	21	501323	5816568	13A/10	52.501200	-56.980517	0.048	1.0	6	1	2	4	0	0	0	1	0
SA5112341	10022583	21	505240	5819693	13A/10	52.529267	-56.922767	0.002	1.0	2	1	2	5	0	0	0	2	0
SA5112342	10022584	21	506913	5820929	13A/10	52.540367	-56.898067	0.047	1.0	1	1	2	4	0	0	0	2	0
SA5112343	10022585	21	506055	5821440	13A/10	52.544967	-56.910717	1.711	10.5	1	1	4	3	0	0	0	2	0
SA5112344	10022586	21	502706	5821646	13A/10	52.546850	-56.960100	0.034	1.5	6	1	2	4	0	0	0	2	0
SA5112345	10022587	21	501488	5821664	13A/10	52.547017	-56.978050	0.007	1.5	6	1	1	4	0	0	0	2	0
SA5112346	10022588	21	501060	5822892	13A/10	52.558050	-56.984367	0.083	6.0	6	1	5	3	0	0	0	2	0

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112347	10022589	21	502852	5823461	13A/10	52.563167	-56.957933	0.003	7.0	6	1	5	3	0	0	0	1	0
SA5112348	10022591	21	507113	5823152	13A/10	52.560350	-56.895083	0.172	13.0	6	1	5	3	0	0	0	1	0
SA5112349	10022592	21	507043	5825255	13A/10	52.579250	-56.896067	0.017	6.0	6	1	2	4	0	0	0	2	0
SA5112350	10022593	21	504412	5824745	13A/10	52.574700	-56.934900	0.001	8.0	6	1	5	3	0	0	0	2	0
SA5112351	10022594	21	501861	5824918	13A/10	52.576267	-56.972533	0.024	5.0	6	1	5	3	0	0	0	2	0
SA5112352	10022595	21	501935	5826259	13A/10	52.588317	-56.971433	0.008	1.5	4	1	2	5	0	0	0	2	0
SA5112353	10022596	21	502978	5826656	13A/10	52.591883	-56.956033	0.018	1.5	2	1	2	4	0	0	0	2	0
SA5112354	10022597	21	507236	5826745	13A/10	52.592650	-56.893183	0.001	6.5	6	1	5	3	0	0	0	2	0
SA5112355	10022598	21	504468	5828429	13A/10	52.607817	-56.934017	0.002	7.5	4	1	2	4	0	1	0	2	0
SA5112356	10022599	21	502145	5829601	13A/10	52.618367	-56.968317	0.001	1.5	2	1	2	5	0	0	0	2	0
SA5112357	10022601	21	500441	5829582	13A/10	52.618200	-56.993483	0.003	1.0	2	1	2	5	0	0	0	1	1
SA5112358	10022602	21	500287	5830151	13A/10	52.623317	-56.995767	0.002	1.0	2	1	2	4	0	0	0	2	0
SA5112359	10022603	21	504473	5828405	13A/10	52.607600	-56.933950	0.002	6.0	4	1	2	4	0	2	0	2	0
SA5112360	10022604	21	503744	5831386	13A/10	52.634400	-56.944683	0.040	8.0	6	1	5	3	0	0	0	1	0
SA5112361	10022605	21	505102	5830388	13A/10	52.625417	-56.924633	0.001	4.5	4	1	4	4	0	0	0	2	0
SA5112362	10022606	21	513120	5830588	13A/10	52.627083	-56.806167	1.618	2.0	1	1	2	4	0	0	0	2	0
SA5112363	10022607	21	514068	5830900	13A/10	52.629867	-56.792150	0.055	4.0	1	1	5	3	0	0	0	2	0
SA5112364	10022608	21	513192	5829272	13A/10	52.615250	-56.805167	1.618	7.0	1	1	5	3	0	0	0	2	0
SA5112365	10022609	21	511383	5828201	13A/10	52.605667	-56.831917	0.003	1.0	6	1	4	4	0	1	0	2	0
SA5112366	10022611	21	509151	5828766	13A/10	52.610783	-56.864867	0.113	7.5	6	1	2	3	0	0	0	2	0
SA5112367	10022612	21	509355	5826910	13A/10	52.594100	-56.861900	0.243	22.0	6	1	4	3	0	0	0	1	0
SA5112368	10022613	21	511346	5826479	13A/10	52.590183	-56.832517	0.051	10.0	6	1	5	3	0	0	0	2	0
SA5112369	10022614	21	511364	5828186	13A/10	52.605533	-56.832200	0.003	1.5	6	1	4	4	0	2	0	2	0
SA5112370	10022615	21	513126	5825417	13A/10	52.580600	-56.806283	7.232	14.5	-9	-9	5	3	0	0	0	1	0
SA5112371	10022616	21	510250	5824306	13A/10	52.570667	-56.848767	0.114	6.5	4	1	4	3	0	0	0	3	1
SA5112372	10022617	21	508791	5824822	13A/10	52.575333	-56.870283	0.001	2.0	2	0	4	5	0	0	0	1	1
SA5112373	10022618	21	509329	5822708	13A/10	52.556317	-56.862400	0.056	1.5	4	1	4	3	0	0	0	3	1
SA5112374	10022619	21	510208	5823128	13A/10	52.560083	-56.849417	0.286	1.5	6	1	4	5	0	0	0	3	1
SA5112375	10022621	21	512391	5822338	13A/10	52.552933	-56.817250	0.015	5.0	6	1	4	5	0	0	0	1	1
SA5112376	10022622	21	511814	5820358	13A/10	52.535150	-56.825833	0.007	1.5	2	1	4	3	0	0	0	3	1
SA5112377	10022623	21	509593	5820769	13A/10	52.538883	-56.858567	0.086	10.0	6	1	4	3	0	0	0	3	1
SA5112378	10022624	21	509125	5818710	13A/10	52.520383	-56.865517	0.292	5.5	1	1	4	3	0	0	0	1	1
SA5112379	10022625	21	509504	5817663	13A/10	52.510967	-56.859967	0.004	3.0	3	1	2	3	0	0	0	1	1
SA5112380	10022626	21	511338	5817632	13A/10	52.510650	-56.832950	0.260	9.5	1	1	4	3	0	0	0	1	1
SA5112381	10022627	21	511174	5818874	13A/10	52.521817	-56.835317	0.001	2.0	2	1	4	5	0	0	0	1	1
SA5112382	10022628	21	513823	5817058	13A/10	52.505433	-56.796350	0.348	11.0	3	1	4	3	0	0	0	1	1
SA5112383	10022629	21	514956	5817571	13A/10	52.510017	-56.779633	0.007	1.5	2	1	4	3	0	0	0	1	1
SA5112384	10022631	21	516082	5817427	13A/10	52.508683	-56.763050	0.001	1.5	2	1	4	5	0	1	0	1	1
SA5112385	10022632	21	514580	5819704	13A/10	52.529200	-56.785083	0.051	1.0	3	1	4	3	0	0	0	3	1
SA5112386	10022633	21	517930	5821584	13A/10	52.546000	-56.735600	0.031	7.0	1	1	4	3	0	0	0	1	1
SA5112387	10022634	21	518134	5822805	13A/10	52.556967	-56.732533	0.013	8.5	3	1	4	3	0	0	0	3	1
SA5112388	10022635	21	516846	5823321	13A/10	52.561650	-56.751500	0.265	7.0	1	1	2	3	0	0	0	1	1
SA5112389	10022636	21	516082	5817410	13A/10	52.508533	-56.763050	0.001	1.5	2	1	4	5	0	2	0	1	1
SA5112390	10022637	21	515323	5823149	13A/10	52.560150	-56.773967	0.024	3.0	1	1	2	3	0	0	0	3	1
SA5112391	10022638	21	516987	5825244	13A/10	52.578933	-56.749317	7.232	21.0	1	1	4	3	0	0	0	1	1
SA5112392	10022639	21	519176	5826589	13A/10	52.590950	-56.716933	0.102	4.0	1	1	4	3	0	0	0	3	1
SA5112393	10022641	21	516676	5826871	13A/10	52.593567	-56.753833	7.232	16.0	1	1	8	3	0	0	0	1	1
SA5112394	10022642	21	515463	5826778	13A/10	52.592767	-56.771733	0.013	1.5	6	1	4	3	0	0	0	3	2
SA5112395	10022643	21	514868	5829182	13A/10	52.614400	-56.780417	0.059	-9.0	1	1	-9	-9	0	0	0	3	2
SA5112396	10022644	21	516676	5829653	13A/10	52.618583	-56.753683	0.210	3.5	1	1	4	3	0	0	0	1	1
SA5112397	10022645	21	518301	5828990	13A/10	52.612567	-56.729717	0.003	2.5	2	1	4	5	0	0	0	1	1
SA5112398	10022646	21	517698	5831027	13A/10	52.630900	-56.738517	0.036	4.0	1	1	4	3	0	0	0	3	1
SA5112399	10022647	21	518487	5831108	13A/10	52.631600	-56.726850	0.058	1.5	1	1	2	5	0	0	0	3	1
SA5112400	10022648	21	520595	5831656	13A/10	52.636450	-56.695683	0.254	2.5	1	1	4	3	0	0	0	3	1
SA5112401	10022649	21	521832	5829051	13A/10	52.612983	-56.677567	0.573	6.5	1	1	4	3	0	0	0	1	1
SA5112402	10022651	21	521452	5825968	13A/10	52.585283	-56.683383	0.003	3.5	2	1	2	5	0	0	0	1	1
SA5112403	10022652	21	523193	5826052	13A/10	52.585972	-56.657685	0.006	1.5	6	1	4	3	0	0	0	1	0

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112404	10022653	21	523545	5828616	13A/10	52.609000	-56.652300	0.025	4.5	1	1	5	3	0	0	0	2	0
SA5112405	10022654	21	524673	5826346	13A/10	52.588550	-56.635817	0.067	10.0	6	1	1	3	3	0	0	1	2
SA5112406	10022655	21	525804	5828864	13A/10	52.611133	-56.618933	0.004	8.0	1	1	5	3	0	0	0	2	0
SA5112407	10022656	21	526181	5826397	13A/10	52.588933	-56.613550	0.020	0.5	6	1	2	3	0	0	0	1	0
SA5112408	10022657	21	529017	5829129	13A/10	52.613350	-56.571450	0.036	3.5	1	1	2	3	0	0	0	3	0
SA5112409	10022658	21	528964	5830438	13A/10	52.625117	-56.572117	0.003	2.0	2	1	4	5	0	0	0	1	0
SA5112410	10022659	21	530318	5831784	13A/10	52.637150	-56.552000	0.001	1.5	2	1	4	5	0	0	0	1	0
SA5112411	10022661	21	529190	5833122	13A/10	52.649233	-56.568550	0.186	2.5	1	1	2	3	0	1	0	2	0
SA5112412	10022662	21	528778	5834350	13A/10	52.660300	-56.574533	0.280	1.0	1	1	2	2	0	0	0	2	1
SA5112413	10022663	21	527885	5834838	13A/10	52.664733	-56.587683	1.771	7.0	1	1	5	3	0	0	0	2	0
SA5112414	10022664	21	527025	5833015	13A/10	52.648383	-56.600550	0.004	5.0	2	1	2	5	0	0	0	1	1
SA5112415	10022665	21	526834	5831751	13A/10	52.637033	-56.603483	0.001	2.0	1	1	7	5	0	0	0	1	1
SA5112416	10022666	21	525172	5831414	13A/10	52.634083	-56.628067	0.008	3.0	2	1	5	4	0	0	0	1	0
SA5112417	10022667	21	525038	5833812	13A/10	52.655650	-56.629867	0.001	5.0	2	1	5	3	0	0	0	2	1
SA5112418	10022668	21	525757	5835238	13A/10	52.668433	-56.619117	1.771	5.0	1	1	1	2	0	0	0	2	0
SA5112419	10022669	21	524551	5837160	13A/10	52.685767	-56.636817	0.038	1.0	1	1	2	1	0	0	0	3	0
SA5112420	10022671	21	529132	5833125	13A/10	52.649267	-56.569400	0.186	2.5	1	1	5	4	0	2	0	2	0
SA5112421	10022672	21	525224	5839279	13A/10	52.704783	-56.626700	0.005	2.0	2	1	2	5	0	0	0	1	0
SA5112422	10022673	21	526051	5840054	13A/10	52.711717	-56.614400	0.001	2.5	2	1	2	5	0	0	0	1	1
SA5112423	10022674	21	523870	5840453	13A/10	52.715400	-56.646650	0.001	3.0	2	1	5	5	0	0	0	2	0
SA5112424	-9	21	524726	5840785	13A/10	52.718350	-56.633950	0.198	-9.0	1	1	-9	-9	0	0	0	3	1
SA5112425	10022675	21	524385	5842067	13A/10	52.729883	-56.638900	0.033	3.5	6	1	2	3	0	0	0	2	1
SA5112426	10022676	21	523045	5842772	13A/10	52.736283	-56.658700	0.003	1.5	2	1	2	4	5	2	0	2	0
SA5112427	10022677	21	522153	5843823	13A/10	52.745767	-56.671833	0.005	3.5	2	1	2	4	0	0	0	1	0
SA5112428	10022678	21	520168	5843100	13A/10	52.739350	-56.701283	0.001	1.5	2	1	5	5	0	0	0	1	0
SA5112429	10022679	21	518679	5841982	13A/10	52.729350	-56.723400	0.003	3.0	2	1	2	5	0	0	0	1	1
SA5112430	10022681	21	517217	5841613	13A/10	52.726083	-56.745067	0.005	3.0	2	1	2	5	0	0	0	1	1
SA5112431	10022682	21	516753	5842726	13A/10	52.736100	-56.751883	0.590	1.5	1	1	2	4	0	1	0	2	0
SA5112432	10022683	21	515217	5843562	13A/10	52.743667	-56.774600	0.001	2.0	2	1	2	5	0	0	0	1	0
SA5112433	10022684	21	513162	5843731	13A/10	52.745233	-56.805033	0.002	3.5	6	1	2	5	0	0	0	1	1
SA5112434	10022685	21	516662	5842772	13A/10	52.736517	-56.753233	0.590	1.5	1	1	2	2	0	2	0	2	0
SA5112435	10022686	21	508295	5842878	13A/10	52.737667	-56.877150	0.001	1.5	6	1	2	4	0	0	0	1	0
SA5112436	10022687	21	507474	5834584	13A/10	52.663117	-56.889500	0.011	1.5	2	1	2	4	0	0	0	2	0
SA5112437	10022688	21	506451	5832870	13A/10	52.647717	-56.904650	0.015	6.0	6	1	5	3	0	0	0	2	0
SA5112438	10022689	21	506274	5836666	13A/10	52.681850	-56.907200	0.008	2.0	6	1	5	2	0	0	0	2	0
SA5112439	10022691	21	502791	5834729	13A/10	52.664467	-56.958733	0.045	1.5	6	1	2	2	0	0	0	2	0
SA5112440	10022692	21	502385	5835082	13A/10	52.667633	-56.964733	0.565	6.0	6	1	2	3	0	0	0	2	0
SA5112441	10022693	21	501916	5837189	13A/10	52.686583	-56.971650	0.132	13.0	6	1	5	1	0	0	0	2	0
SA5112442	10022694	21	502434	5838000	13A/10	52.693867	-56.963983	0.015	2.0	6	1	2	4	0	0	0	1	0
SA5112443	10022695	21	500552	5840215	13A/10	52.713783	-56.991833	0.127	7.0	6	1	4	3	0	0	0	1	0
SA5112444	10022696	21	501580	5839431	13A/10	52.706733	-56.976617	0.006	2.0	3	1	4	5	0	0	0	2	0
SA5112445	10022697	21	502798	5839815	13A/10	52.710183	-56.958583	0.006	2.5	3	1	2	5	0	0	0	1	1
SA5112446	10022698	21	509907	5840707	13A/10	52.718117	-56.853333	0.003	2.0	2	0	2	5	0	1	0	1	2
SA5112447	10022699	21	510391	5840932	13A/10	52.720133	-56.846167	0.008	3.0	2	0	2	3	0	0	0	1	0
SA5112448	10022701	21	510651	5838699	13A/10	52.700050	-56.842383	0.001	2.0	2	0	2	5	0	0	0	3	1
SA5112449	10022702	21	512433	5838451	13A/10	52.697783	-56.816033	0.005	3.0	2	0	2	5	0	0	0	1	0
SA5112450	10022703	21	513758	5837592	13A/10	52.690033	-56.796450	0.092	9.0	6	1	5	3	0	0	0	1	0
SA5112451	10022704	21	515099	5839565	13A/10	52.707733	-56.776533	0.001	3.0	2	0	2	5	0	0	0	1	0
SA5112452	10022705	21	515409	5837425	13A/10	52.688483	-56.772033	0.001	3.5	3	1	8	5	0	0	0	1	0
SA5112453	10022706	21	513829	5836282	13A/10	52.678250	-56.795467	0.111	13.0	1	1	4	3	0	0	0	1	0
SA5112454	10022707	21	513309	5835811	13A/10	52.674033	-56.803167	0.155	9.0	6	1	4	3	0	0	0	2	0
SA5112455	10022708	21	521235	5838659	13A/10	52.699383	-56.685767	0.002	1.0	6	1	5	5	0	0	0	3	1
SA5112456	10022709	21	509928	5840673	13A/10	52.717817	-56.853033	0.003	1.5	2	0	2	5	0	2	0	1	1
SA5112457	10022711	21	521344	5836205	13A/10	52.677317	-56.684317	0.002	2.0	2	0	4	5	0	0	0	1	0
SA5112458	10022712	21	523587	5834936	13A/10	52.665817	-56.651233	0.006	4.0	2	1	2	5	0	0	0	2	1
SA5112459	10022713	21	528788	5837155	13A/10	52.685517	-56.574133	0.001	1.5	2	1	2	5	0	0	0	1	0
SA5112460	10022714	21	528347	5839869	13A/10	52.709933	-56.580433	0.162	3.5	1	1	4	3	0	0	0	2	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112461	10022715	21	527200	5843759	13A/10	52.744967	-56.597083	0.007	1.5	2	1	4	5	0	0	0	1	0
SA5112462	10022716	21	529097	5843381	13A/10	52.741467	-56.569017	0.004	1.5	2	1	2	5	0	0	0	2	1
SA5112463	10022717	21	530572	5843868	13A/10	52.745767	-56.547117	0.314	3.5	1	1	4	3	0	1	0	3	1
SA5112464	10022718	21	533320	5840455	13A/10	52.714917	-56.506767	0.513	3.5	1	1	2	3	0	0	0	3	1
SA5112465	10022719	21	531928	5838855	13A/10	52.700617	-56.527517	0.937	7.0	1	1	4	3	0	0	0	3	1
SA5112466	10022721	21	534549	5837267	13A/10	52.686183	-56.488900	0.001	3.5	1	1	4	3	0	0	0	2	0
SA5112467	10022722	21	533519	5836526	13A/10	52.679583	-56.504217	0.116	4.0	1	1	4	3	0	0	0	2	0
SA5112468	10022723	21	531676	5836845	13A/10	52.682567	-56.531450	0.100	2.0	6	1	2	5	0	0	0	2	0
SA5112469	10022724	21	532500	5835682	13A/10	52.672067	-56.519367	0.037	2.0	3	1	2	3	1	0	0	2	0
SA5112470	10022725	21	530479	5834935	13A/10	52.665467	-56.549333	0.112	1.5	3	1	4	1	0	0	0	3	1
SA5112471	10022726	21	530648	5833488	13A/10	52.652450	-56.546967	0.001	2.5	3	1	4	3	0	0	0	1	0
SA5112472	10022727	21	532560	5832972	13A/10	52.647700	-56.518750	0.040	2.0	3	1	2	5	0	0	0	3	0
SA5112473	10022728	21	531329	5865875	13A/10	52.943550	-56.533800	0.008	2.5	2	0	2	5	0	0	0	1	0
SA5112474	10022729	21	531926	5866758	13A/10	52.951450	-56.524817	0.002	2.0	2	0	2	5	0	0	0	1	0
SA5112475	10022731	21	533262	5870818	13A/10	52.987867	-56.504517	0.004	2.0	2	0	2	5	0	0	0	1	0
SA5112476	10022732	21	530030	5871882	13A/10	52.997617	-56.552567	0.002	2.0	2	0	2	5	0	0	0	1	0
SA5112477	10022733	21	530256	5868449	13A/10	52.966750	-56.549517	0.001	1.5	2	0	2	5	0	0	0	2	0
SA5112478	10022734	21	530495	5843883	13A/10	52.745900	-56.548267	0.314	4.0	1	1	4	3	0	2	0	3	1
SA5112479	10022735	21	526870	5868628	13A/15	52.968533	-56.599917	0.002	2.0	2	0	2	4	0	0	0	1	0
SA5112480	10022736	21	525371	5871095	13A/15	52.990783	-56.622050	0.003	1.5	2	0	2	5	0	0	0	2	2
SA5112481	10022737	21	523283	5871600	13A/15	52.995417	-56.653117	0.001	2.0	2	0	2	8	0	0	0	1	0
SA5112482	10022738	21	524913	5868474	13A/15	52.967250	-56.629067	0.231	1.5	3	1	2	4	0	0	0	2	0
SA5112483	10022739	21	524115	5866961	13A/15	52.953683	-56.641067	0.001	1.5	2	0	2	5	0	0	0	1	0
SA5112484	10022741	21	523726	5867517	13A/15	52.958700	-56.646817	0.270	1.5	3	1	2	4	0	0	0	2	0
SA5112485	-9	21	523075	5868502	13A/15	52.967583	-56.656433	0.001	-9.0	1	1	-9	-9	0	0	0	1	0
SA5112486	10022742	21	520430	5869312	13A/15	52.974967	-56.695767	0.003	2.0	3	1	1	4	0	0	0	2	0
SA5112487	10022743	21	521325	5866957	13A/15	52.953767	-56.682583	0.001	1.5	3	1	4	5	0	0	0	1	0
SA5112488	10022744	21	521394	5864933	13A/15	52.935567	-56.681700	0.001	2.0	3	1	4	4	0	0	0	1	0
SA5112489	10022745	21	518197	5865241	13A/15	52.938450	-56.729250	0.001	1.0	2	1	2	5	0	0	0	2	0
SA5112490	10022746	21	518676	5868344	13A/15	52.966333	-56.721933	0.002	2.0	3	1	5	4	0	0	0	1	0
SA5112491	10022747	21	517231	5870836	13A/15	52.988783	-56.743317	0.001	1.5	3	1	4	5	0	0	0	1	0
SA5112492	10022748	21	515577	5868689	13A/15	52.969533	-56.768067	0.001	1.5	2	0	4	4	0	0	0	1	0
SA5112493	10022749	21	515833	5867937	13A/15	52.962767	-56.764283	0.001	1.5	2	1	4	5	0	0	0	2	0
SA5112494	10022751	21	516806	5867282	13A/15	52.956850	-56.749833	0.003	2.0	2	1	4	4	0	1	0	1	0
SA5112495	10022752	21	512804	5865199	13A/15	52.938233	-56.809483	0.001	2.0	2	1	2	5	0	0	0	1	0
SA5112496	10022753	21	513367	5866200	13A/15	52.947217	-56.801067	0.002	2.0	3	1	5	5	0	0	0	1	0
SA5112497	10022754	21	509375	5868940	13A/15	52.971933	-56.860400	0.001	1.0	3	1	4	5	0	0	0	2	0
SA5112498	10022755	21	516770	5867301	13A/15	52.957017	-56.750367	0.003	1.5	2	1	4	4	0	2	0	1	0
SA5112499	10022756	21	507528	5866028	13A/15	52.945783	-56.887967	0.001	2.0	3	1	2	5	0	0	0	1	0
SA5112500	10022757	21	508526	5864984	13A/15	52.936383	-56.873150	0.003	2.5	2	0	5	4	0	0	0	1	0
SA5112501	10022758	21	508720	5862509	13A/15	52.914133	-56.870333	0.002	1.5	2	1	2	5	0	0	0	2	0
SA5112502	10022759	21	506214	5862798	13A/15	52.916767	-56.907583	0.001	1.5	3	1	4	3	0	1	0	2	0
SA5112503	-9	21	504370	5867123	13A/15	52.955667	-56.934950	0.001	-9.0	6	1	-9	-9	0	0	0	1	0
SA5112504	10022761	21	504150	5869765	13A/15	52.979417	-56.938200	0.109	1.0	1	1	2	4	0	0	0	1	0
SA5112505	10022762	21	503221	5866563	13A/15	52.950633	-56.952067	0.001	2.0	2	0	2	5	0	0	0	1	0
SA5112506	10022763	21	500897	5867283	13A/15	52.957117	-56.986650	0.001	0.5	6	1	4	3	0	0	0	1	1
SA5112507	10022764	21	502257	5862302	13A/15	52.912333	-56.966433	0.001	1.0	2	1	4	5	0	0	0	3	2
SA5112508	10022765	21	502620	5860464	13A/15	52.895817	-56.961050	0.001	1.5	2	1	4	4	0	0	0	2	2
SA5112509	10022766	21	500851	5859481	13A/15	52.886983	-56.987350	0.010	3.0	2	1	4	4	0	0	0	1	1
SA5112510	10022767	21	506185	5862813	13A/15	52.916900	-56.908017	0.001	1.5	3	1	4	5	0	2	0	2	0
SA5112511	10022768	21	502315	5859011	13A/15	52.882750	-56.965600	0.407	1.5	1	1	7	2	0	0	0	2	1
SA5112512	10022769	21	504363	5857603	13A/15	52.870083	-56.935183	0.001	1.5	2	1	4	4	0	0	0	2	1
SA5112513	10022771	21	505382	5858416	13A/15	52.877383	-56.920033	0.001	2.0	2	0	4	4	0	0	0	2	2
SA5112514	10022772	21	506854	5859675	13A/15	52.888683	-56.898133	0.002	1.0	2	0	4	4	0	0	0	3	2
SA5112515	10022773	21	507183	5857289	13A/15	52.867233	-56.893300	0.007	2.0	2	1	4	4	0	0	0	2	2
SA5112516	10022774	21	508215	5858700	13A/15	52.879900	-56.877933	0.003	2.0	2	0	4	4	0	0	0	2	1
SA5112517	10022775	21	509101	5857376	13A/15	52.867983	-56.864800	0.006	1.5	2	1	5	4	0	0	0	2	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112518	10022776	21	510176	5858007	13A/15	52.873633	-56.848817	0.007	2.5	2	1	5	4	0	0	0	2	1
SA5112519	10022777	21	511107	5857480	13A/15	52.868883	-56.835000	0.006	1.5	2	1	4	4	0	0	0	1	1
SA5112520	10022778	21	516803	5862918	13A/15	52.917617	-56.750100	0.001	2.0	3	0	-9	4	4	0	0	1	1
SA5112521	10022779	21	516909	5861202	13A/15	52.902183	-56.748617	0.001	1.5	3	1	4	5	0	0	0	2	1
SA5112522	10022781	21	519151	5861575	13A/15	52.905467	-56.715267	0.003	2.5	2	1	2	4	0	0	0	1	1
SA5112523	10022782	21	521072	5861361	13A/15	52.903467	-56.686717	0.001	1.5	3	1	2	4	0	1	0	2	1
SA5112524	10022783	21	520888	5862704	13A/15	52.915550	-56.689367	0.001	3.5	3	1	2	5	0	0	0	1	1
SA5112525	10022784	21	522396	5862299	13A/15	52.911850	-56.666967	0.002	2.5	2	0	2	5	0	0	0	1	1
SA5112526	10022785	21	525512	5865270	13A/15	52.938417	-56.620400	0.001	1.5	2	1	2	5	0	0	0	1	1
SA5112527	10022786	21	521063	5861364	13A/15	52.903500	-56.686850	0.001	1.5	3	1	2	4	0	2	0	2	2
SA5112528	10022787	21	528905	5864099	13A/15	52.927717	-56.570017	0.006	3.0	2	1	5	4	0	0	0	1	1
SA5112529	10022788	21	528925	5863865	13A/15	52.925617	-56.569750	0.012	2.5	2	1	2	5	0	0	0	1	1
SA5112530	10022789	21	528600	5861538	13A/15	52.904717	-56.574783	0.001	3.5	2	1	2	5	0	0	0	1	2
SA5112531	10022791	21	531631	5864209	13A/15	52.928550	-56.529467	0.002	2.5	2	1	5	1	0	0	0	1	2
SA5112532	10022792	21	533386	5864246	13A/15	52.928783	-56.503350	0.010	1.5	2	1	2	4	0	0	0	2	2
SA5112533	10022793	21	533087	5860681	13A/15	52.896750	-56.508167	0.001	1.5	2	0	2	5	0	0	0	2	1
SA5112534	10022794	21	533585	5859082	13A/15	52.882350	-56.500933	0.001	2.0	2	0	2	4	0	0	0	1	1
SA5112535	10022795	21	529843	5858019	13A/15	52.873017	-56.556633	0.002	2.0	3	1	5	5	0	0	0	1	1
SA5112536	10022796	21	527633	5854339	13A/15	52.840050	-56.589767	0.006	1.0	2	1	4	4	0	0	0	1	1
SA5112537	10022797	21	529100	5853741	13A/15	52.834600	-56.568050	0.668	3.0	1	1	1	3	3	0	0	2	1
SA5112538	10022798	21	531109	5855118	13A/15	52.846867	-56.538100	0.002	1.5	2	1	1	3	2	0	0	1	1
SA5112539	10022799	21	533327	5856772	13A/15	52.861600	-56.505000	0.799	3.5	1	1	5	3	0	0	0	2	2
SA5112540	10022801	21	532673	5855692	13A/15	52.851933	-56.514817	0.799	2.0	1	1	1	3	1	0	0	2	1
SA5112541	10022802	21	533708	5830357	13A/10	52.624117	-56.502050	0.001	4.0	3	1	4	3	0	0	0	3	1
SA5112542	10022803	21	533190	5824548	13A/10	52.571933	-56.510283	0.015	2.5	3	1	5	3	0	1	0	2	1
SA5112543	10022804	21	531455	5825545	13A/10	52.581000	-56.535783	0.216	4.0	1	1	4	4	0	0	0	2	1
SA5112544	10022805	21	530970	5823019	13A/10	52.558317	-56.543183	0.001	1.0	2	0	4	4	0	0	0	2	2
SA5112545	10022806	21	529802	5822971	13A/10	52.557950	-56.560417	0.002	2.0	2	0	4	4	0	0	0	1	2
SA5112546	10022807	21	529204	5823995	13A/10	52.567183	-56.569150	0.002	1.0	2	0	4	4	0	0	0	2	2
SA5112547	10022808	21	527511	5823755	13A/10	52.565117	-56.594150	0.125	1.5	3	1	2	3	0	0	0	2	1
SA5112548	10022809	21	526640	5820322	13A/10	52.534300	-56.607267	3.904	3.0	1	1	5	2	0	0	0	2	1
SA5112549	10022811	21	524708	5820961	13A/10	52.540133	-56.635700	0.001	1.0	2	1	2	1	0	0	0	2	1
SA5112550	10022812	21	524642	5822549	13A/10	52.554417	-56.636550	0.313	7.5	1	1	5	3	0	0	0	2	1
SA5112551	10022813	21	522642	5823559	13A/10	52.563583	-56.665983	0.054	1.0	3	1	2	4	0	0	0	2	2
SA5112552	10022814	21	519846	5824584	13A/10	52.572900	-56.707167	0.008	1.0	1	1	2	2	0	0	0	2	1
SA5112553	10022815	21	519016	5820133	13A/10	52.532917	-56.719667	0.089	1.0	1	1	2	4	0	0	0	2	1
SA5112554	10022816	21	533156	5824594	13A/07	52.572350	-56.510783	0.015	2.0	3	1	5	4	0	2	0	2	1
SA5112555	10022817	21	522638	5819794	13A/10	52.529733	-56.666300	0.149	4.0	1	1	5	3	0	0	0	1	2
SA5112556	10022818	21	521471	5818519	13A/10	52.518317	-56.683583	0.832	2.5	1	1	2	3	0	0	0	2	2
SA5112557	10022819	21	519686	5819140	13A/10	52.523967	-56.709850	0.040	5.0	1	1	4	3	0	0	0	2	1
SA5112558	10022821	21	522536	5816371	13A/10	52.498967	-56.668033	1.247	5.5	1	1	5	3	0	0	0	1	1
SA5112559	10022822	21	524540	5816403	13A/10	52.499167	-56.638517	1.247	3.5	1	1	1	1	0	0	0	2	2
SA5112560	10022823	21	528538	5819712	13A/10	52.528717	-56.579333	3.904	9.0	1	1	7	1	0	0	0	2	1
SA5112561	10022824	21	531815	5820210	13A/10	52.533017	-56.530983	0.001	1.0	2	0	4	5	0	0	0	2	1
SA5112562	-9	21	533532	5820822	13A/10	52.538417	-56.505617	0.313	-9.0	1	1	-9	-9	0	0	0	2	1
SA5112563	10022825	21	532147	5817239	13A/10	52.506283	-56.526383	0.054	1.0	3	1	2	1	0	0	0	2	1
SA5112564	10022826	21	531871	5816716	13A/10	52.501600	-56.530500	0.008	2.0	3	1	2	4	0	0	0	3	2
SA5112565	10022827	21	532444	5814958	13A/10	52.485767	-56.522233	0.089	3.0	1	1	7	1	0	0	0	1	2
SA5112566	-9	21	530308	5815162	13A/10	52.487717	-56.553667	0.798	-9.0	1	1	-9	-9	0	0	0	2	2
SA5112567	10022828	21	526856	5814378	13A/10	52.480850	-56.604567	0.538	9.0	1	1	5	3	0	0	0	3	1
SA5112568	10022829	21	525435	5814693	13A/10	52.483750	-56.625467	0.010	2.0	3	1	2	3	0	0	0	2	1
SA5112569	10022831	21	527835	5813199	13A/10	52.470200	-56.590250	0.002	1.0	2	1	4	4	0	1	0	1	1
SA5112570	10022832	21	529504	5811682	13A/10	52.456483	-56.565817	1.024	5.0	1	1	5	3	0	0	0	2	2
SA5112571	10022833	21	527853	5813180	13A/10	52.470033	-56.589983	0.002	1.5	2	1	4	4	0	2	0	1	2
SA5112572	10022834	21	531441	5812353	13A/10	52.462400	-56.537250	0.629	13.0	1	1	5	3	0	0	0	2	2
SA5112573	10022835	21	533932	5812137	13A/10	52.460317	-56.500600	0.049	1.5	1	1	2	4	0	0	0	3	2
SA5112574	10022836	21	533141	5811624	13A/10	52.455750	-56.512300	0.031	1.5	1	1	2	3	0	0	0	2	2

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112575	10022837	21	530838	5810002	13A/10	52.441300	-56.546333	0.007	1.0	3	1	2	4	0	0	0	2	1
SA5112576	10022838	21	530082	5810792	13A/10	52.448450	-56.557383	1.024	3.0	1	1	7	3	0	0	0	3	2
SA5112577	10022839	21	529418	5809357	13A/10	52.435583	-56.567283	0.478	1.0	1	1	2	4	0	0	0	2	0
SA5112578	10022841	21	527017	5806220	13A/10	52.407500	-56.602850	0.087	2.5	1	1	2	4	0	0	0	2	0
SA5112579	10022842	21	527942	5805303	13A/10	52.399217	-56.589333	0.118	3.0	3	1	2	4	0	0	0	2	0
SA5112580	10022843	21	530521	5805219	13A/10	52.398317	-56.551433	0.011	2.0	2	1	4	4	0	0	0	2	0
SA5112581	10022844	21	529545	5804432	13A/10	52.391300	-56.565850	0.011	0.5	2	1	2	4	0	0	0	2	0
SA5112582	10022845	21	529028	5803194	13A/10	52.380200	-56.573550	0.004	1.0	2	1	2	4	0	0	0	1	0
SA5112583	10022846	21	523820	5800764	13A/10	52.358600	-56.650233	0.298	4.0	1	1	5	3	0	0	0	2	0
SA5112584	10022847	21	522084	5798325	13A/10	52.336750	-56.675883	0.001	1.5	2	1	2	4	0	0	0	2	0
SA5112585	10022848	21	525277	5797988	13A/10	52.333583	-56.629050	0.001	1.0	2	1	2	5	0	0	0	2	0
SA5112586	10022849	21	525853	5797585	13A/07	52.329933	-56.620633	0.007	2.0	2	1	4	4	0	0	0	1	0
SA5112587	10022851	21	527188	5796844	13A/07	52.323200	-56.601100	0.142	3.0	1	1	2	3	0	0	0	1	0
SA5112588	10022852	21	528492	5798801	13A/07	52.340733	-56.581800	0.016	2.0	2	1	4	4	0	0	0	2	0
SA5112589	10022853	21	530230	5800230	13A/07	52.353483	-56.556167	0.062	3.0	1	1	5	4	0	0	0	2	0
SA5112590	10022854	21	533844	5800110	13A/07	52.352200	-56.503117	0.126	1.5	3	1	2	4	0	0	0	2	1
SA5112591	10022855	21	536688	5801315	13A/08	52.362850	-56.461233	0.001	1.0	2	1	2	4	0	0	0	2	0
SA5112592	10022856	21	535688	5801646	13A/08	52.365883	-56.475883	0.049	2.0	7	1	4	4	0	0	0	2	0
SA5112593	10022857	21	535684	5805103	13A/08	52.396967	-56.475567	0.006	1.5	6	1	2	4	0	0	0	2	0
SA5112594	10022858	21	534317	5807283	13A/08	52.416650	-56.495433	0.001	1.5	2	1	5	5	0	0	0	1	0
SA5112595	10022859	21	534329	5813894	13A/08	52.476083	-56.494583	0.197	1.5	6	1	5	4	0	1	0	2	0
SA5112596	10022861	21	534316	5815349	13A/08	52.489167	-56.494617	0.023	3.5	1	0	4	4	0	0	0	2	0
SA5112597	10022862	21	534373	5813885	13A/08	52.476000	-56.493933	0.197	3.0	6	1	5	4	0	2	0	2	0
SA5112598	10022863	21	536757	5815048	13A/08	52.486300	-56.458717	0.438	3.0	1	1	5	3	0	0	0	2	0
SA5112599	10022864	21	538125	5812285	13A/08	52.461367	-56.438883	0.010	0.5	2	1	4	5	0	0	0	2	0
SA5112600	10022865	21	537194	5812304	13A/08	52.461600	-56.452583	0.081	1.5	1	1	4	4	0	0	0	2	0
SA5112601	10022866	21	536427	5810854	13A/08	52.448617	-56.464033	0.073	3.5	6	1	2	3	0	0	0	2	0
SA5112602	10022867	21	535427	5810724	13A/08	52.447517	-56.478750	0.063	2.5	3	1	5	3	0	0	0	2	0
SA5112603	10022868	21	536085	5808456	13A/08	52.427083	-56.469317	0.065	2.0	3	1	2	4	0	0	0	2	0
SA5112604	-9	21	539461	5808641	13A/08	52.428517	-56.419650	0.055	-9.0	6	1	-9	-9	0	0	0	2	0
SA5112605	10022869	21	539455	5806873	13A/08	52.412617	-56.419950	0.064	6.5	1	1	5	3	0	0	0	2	0
SA5112606	10022871	21	538684	5810740	13A/08	52.447433	-56.430833	0.004	7.0	2	1	2	3	0	0	0	2	0
SA5112607	10022872	21	539961	5811553	13A/08	52.454650	-56.411950	0.026	7.0	1	1	4	3	0	0	0	2	0
SA5112608	10022873	21	539821	5814601	13A/08	52.482067	-56.413650	0.100	5.0	1	1	2	3	0	0	0	2	0
SA5112609	10022874	21	541628	5814787	13A/08	52.483600	-56.387017	1.737	7.5	6	1	4	3	0	0	0	2	0
SA5112610	10022875	21	542493	5813667	13A/08	52.473467	-56.374417	0.103	1.0	6	1	5	4	0	0	0	2	0
SA5112611	10022876	21	533233	5844742	13A/15	52.753467	-56.507617	0.189	3.0	1	1	2	3	0	0	0	3	0
SA5112612	10022877	21	532602	5846805	13A/15	52.772050	-56.516767	0.002	2.5	3	1	2	3	0	1	0	1	0
SA5112613	-9	21	531614	5847539	13A/15	52.778700	-56.531333	4.072	-9.0	1	1	-9	-9	0	0	0	2	0
SA5112614	10022878	21	531606	5849393	13A/15	52.795367	-56.531267	0.001	1.0	2	1	2	5	0	0	0	2	0
SA5112615	10022879	21	530577	5849777	13A/15	52.798883	-56.546500	0.001	2.0	2	1	2	4	0	0	0	1	0
SA5112616	10022881	21	534223	5851554	13A/15	52.814633	-56.492233	0.732	4.0	1	1	5	4	0	0	0	2	0
SA5112617	10022882	21	532879	5852787	13A/15	52.825800	-56.512050	0.001	2.0	2	1	2	4	0	0	0	1	0
SA5112618	10022883	21	530732	5853334	13A/15	52.830850	-56.543867	0.002	3.0	2	1	2	4	0	0	0	1	0
SA5112619	10022884	21	529588	5851805	13A/15	52.817167	-56.560983	0.002	1.0	2	1	4	4	0	0	0	2	0
SA5112620	10022885	21	532584	5846831	13A/15	52.772283	-56.517017	0.002	1.5	3	1	4	4	0	2	0	1	0
SA5112621	10022886	21	528886	5852726	13A/15	52.825483	-56.571317	0.001	1.5	2	1	2	4	0	0	0	1	0
SA5112622	10022887	21	527238	5852728	13A/15	52.825583	-56.595767	0.985	1.5	1	1	2	2	0	0	0	1	0
SA5112623	10022888	21	523565	5854555	13A/15	52.842183	-56.650150	1.964	2.0	1	1	2	2	0	0	0	2	0
SA5112624	10022889	21	525108	5854828	13A/15	52.844567	-56.627217	0.002	1.5	2	1	2	5	0	0	0	2	0
SA5112625	10022891	21	526252	5857548	13A/15	52.868967	-56.610017	0.001	2.0	2	1	2	5	0	0	0	1	0
SA5112626	10022892	21	524243	5859618	13A/15	52.887667	-56.639700	0.001	1.5	2	1	2	5	0	0	0	2	0
SA5112627	10022893	21	524352	5860898	13A/15	52.899167	-56.637983	0.126	2.5	6	1	2	4	0	0	0	2	0
SA5112628	10022894	21	523852	5860128	13A/15	52.892267	-56.645483	0.005	1.5	3	1	5	4	0	1	0	2	0
SA5112629	10022895	21	523815	5860083	13A/15	52.891867	-56.646033	0.005	1.0	3	1	5	4	0	2	0	2	0
SA5112630	10022896	21	520783	5854238	13A/15	52.839450	-56.691467	0.001	1.5	2	1	2	5	0	0	0	2	0
SA5112631	10022897	21	520605	5853651	13A/15	52.834183	-56.694150	0.001	1.5	2	1	2	5	0	0	0	1	0

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112632	10022898	21	523193	5852705	13A/15	52.825567	-56.655800	0.001	1.5	2	1	2	5	0	0	0	2	0
SA5112633	10022899	21	523334	5851166	13A/15	52.811733	-56.653817	0.003	1.5	2	1	2	5	0	0	0	2	0
SA5112634	10022901	21	527601	5850112	13A/15	52.802050	-56.590600	0.005	1.0	2	1	2	5	0	0	0	2	0
SA5112635	-9	21	528076	5848153	13A/15	52.784417	-56.583733	4.072	-9.0	1	1	-9	-9	-9	0	0	2	0
SA5112636	10022902	21	527158	5848203	13A/15	52.784917	-56.597333	0.077	1.0	1	1	5	4	0	0	0	2	2
SA5112637	10022903	21	525611	5848740	13A/15	52.789817	-56.620233	0.002	2.0	2	1	2	4	0	0	0	1	0
SA5112638	10022904	21	523645	5848882	13A/15	52.791183	-56.649367	0.002	3.0	2	1	2	4	0	0	0	1	0
SA5112639	10022905	21	518973	5846184	13A/15	52.767117	-56.718800	0.004	3.5	2	1	2	4	0	0	0	1	0
SA5112640	10022906	21	517243	5848975	13A/15	52.792267	-56.744300	0.004	4.0	2	1	2	3	0	0	0	1	0
SA5112641	10022907	21	517622	5850579	13A/15	52.806667	-56.738600	0.003	1.5	2	1	2	5	0	0	0	1	0
SA5112642	10022908	21	518394	5851394	13A/15	52.813967	-56.727100	0.006	2.5	2	1	2	4	0	0	0	1	0
SA5112643	10022909	21	521753	5849863	13A/15	52.800083	-56.677367	0.011	2.0	2	1	4	5	0	1	0	1	0
SA5112644	10022911	21	520419	5851795	13A/15	52.817500	-56.697033	0.001	1.0	3	1	4	4	0	0	0	1	1
SA5112645	10022912	21	518536	5854081	13A/15	52.838117	-56.724833	0.002	1.5	2	1	4	4	0	0	0	1	1
SA5112646	10022913	21	517634	5854780	13A/15	52.844433	-56.738183	0.017	2.0	2	1	4	5	0	0	0	1	0
SA5112647	10022914	21	515853	5856897	13A/15	52.863517	-56.764533	0.002	1.0	2	1	2	5	0	0	0	2	0
SA5112648	10022915	21	516151	5858210	13A/15	52.875317	-56.760033	0.001	1.0	2	1	2	5	0	0	0	2	1
SA5112649	10022916	21	514850	5855998	13A/15	52.855467	-56.779467	0.020	1.5	3	1	2	5	0	0	0	1	0
SA5112650	10022917	21	514005	5855117	13A/15	52.847567	-56.792050	0.003	2.0	1	1	2	4	0	0	0	1	1
SA5112651	10022918	21	515481	5855199	13A/15	52.848267	-56.770133	0.008	1.0	2	1	4	4	0	0	0	1	1
SA5112652	10022919	21	516509	5852824	13A/15	52.826883	-56.754983	0.001	1.0	2	1	4	4	0	0	0	2	1
SA5112653	10022921	21	521704	5849852	13A/15	52.799983	-56.678083	0.011	2.0	2	1	5	4	0	2	0	1	0
SA5112654	10022922	21	515396	5846974	13A/15	52.774333	-56.771783	1.847	1.0	1	1	10	2	0	0	0	2	0
SA5112655	10022923	21	514851	5846035	13A/15	52.765900	-56.779900	0.024	0.5	3	1	4	4	0	0	0	1	0
SA5112656	10022924	21	508485	5845767	13A/15	52.763633	-56.874250	0.001	2.0	2	1	4	4	0	0	0	2	0
SA5112657	10022925	21	511697	5845511	13A/15	52.761267	-56.826667	0.002	2.0	3	1	4	4	1	0	0	1	1
SA5112658	10022926	21	511453	5849947	13A/15	52.801150	-56.830133	0.004	2.5	2	1	4	4	0	0	0	1	1
SA5112659	10022927	21	510805	5850047	13A/15	52.802067	-56.839733	0.092	1.5	6	1	4	4	0	0	0	2	0
SA5112660	10022928	21	507682	5851001	13A/15	52.810700	-56.886033	0.004	1.5	2	1	4	5	0	0	0	2	0
SA5112661	10022929	21	502893	5845647	13A/15	52.762617	-56.957133	0.003	2.5	3	1	2	5	0	0	0	1	0
SA5112662	10022931	21	501866	5853732	13A/15	52.835300	-56.972300	0.005	1.0	3	1	4	4	0	0	0	1	1
SA5112663	10022932	21	506300	5852169	13A/15	52.821217	-56.906517	0.002	1.5	2	1	4	5	0	0	0	2	0
SA5112664	10022933	21	506598	5853566	13A/15	52.833767	-56.902067	0.001	1.5	2	1	4	4	0	0	0	2	0
SA5112665	10022934	21	504366	5854364	13A/15	52.840967	-56.935183	0.039	2.0	2	1	7	1	0	0	0	2	0
SA5112666	10022935	21	500743	5856824	13A/15	52.863100	-56.988967	0.005	3.5	2	1	2	3	0	0	0	1	0
SA5112667	10022936	21	498501	5859648	13A/14	52.888483	-57.022283	0.007	1.0	3	1	4	4	0	1	0	3	2
SA5112668	10022937	21	499186	5860501	13A/14	52.896150	-57.012100	0.014	2.0	6	1	4	5	0	0	0	1	0
SA5112669	10022938	21	500009	5863934	13A/15	52.927017	-56.999867	0.007	1.5	1	1	8	2	0	0	0	2	0
SA5112670	10022939	21	499238	5866337	13A/14	52.948617	-57.011333	0.001	5.5	1	0	5	3	0	0	0	2	0
SA5112671	10022941	21	496940	5866694	13A/14	52.951817	-57.045550	0.012	2.0	3	1	2	4	0	0	0	1	0
SA5112672	10022942	21	496320	5864336	13A/14	52.930617	-57.054750	0.002	1.5	2	1	4	4	0	0	0	3	0
SA5112673	-9	21	494522	5868472	13A/14	52.967783	-57.081567	0.001	-9.0	1	1	-9	-9	0	0	0	1	0
SA5112674	10022943	21	492821	5870423	13A/14	52.985300	-57.106933	0.001	1.0	2	1	4	4	0	0	0	2	0
SA5112675	-9	21	490652	5869396	13A/14	52.976033	-57.139217	0.015	-9.0	2	1	-9	-9	0	0	0	2	0
SA5112676	10022944	21	492617	5865060	13A/14	52.937083	-57.109850	0.006	1.5	3	1	4	5	0	0	0	1	0
SA5112677	10022945	21	492791	5863788	13A/14	52.925650	-57.107233	0.053	1.5	3	1	13	1	0	0	0	3	0
SA5112678	10022946	21	489909	5862979	13A/14	52.918333	-57.150083	0.048	3.0	1	1	1	3	0	0	0	1	0
SA5112679	10022947	21	490092	5863891	13A/14	52.926533	-57.147383	0.007	0.0	2	1	4	4	0	0	0	1	0
SA5112680	10022948	21	498394	5859659	13A/14	52.888583	-57.023867	0.007	1.0	3	1	4	5	0	2	0	3	2
SA5112681	10022949	21	490753	5860873	13A/14	52.899417	-57.137467	0.180	1.5	3	1	7	1	0	0	0	3	1
SA5112682	10022951	21	496113	5857764	13A/14	52.871533	-57.057750	0.007	1.5	2	1	4	4	0	0	0	3	1
SA5112683	10022952	21	494096	5857996	13A/14	52.873600	-57.087717	0.003	2.0	2	1	4	5	0	0	0	2	0
SA5112684	10022953	21	494031	5858011	13A/14	52.873733	-57.088683	0.003	2.0	1	1	4	3	0	1	0	2	0
SA5112685	10022954	21	491712	5859737	13A/14	52.889217	-57.123183	0.116	1.0	2	1	5	4	0	0	0	2	1
SA5112686	10022955	21	487232	5861233	13A/14	52.902583	-57.189817	0.002	1.0	2	1	4	5	0	0	0	3	0
SA5112687	10022956	21	485133	5864104	13A/14	52.928333	-57.221150	0.008	1.0	1	1	1	4	0	0	0	2	1
SA5112688	10022957	21	491665	5859768	13A/14	52.889500	-57.123883	0.116	1.5	1	1	5	1	0	2	0	2	0

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112689	10022958	21	486116	5868806	13A/14	52.970633	-57.206733	0.001	3.0	3	1	2	3	0	0	0	1	0
SA5112690	10022959	21	486496	5870418	13A/14	52.985133	-57.201150	0.001	1.0	3	1	4	4	0	0	0	2	2
SA5112691	10022961	21	484908	5871901	13A/14	52.998417	-57.224867	0.001	0.5	2	1	4	4	0	0	0	2	2
SA5112692	10022962	21	482365	5871872	13A/14	52.998083	-57.262750	0.004	1.0	2	1	4	4	0	0	0	2	1
SA5112693	10022963	21	478623	5870883	13A/14	52.989050	-57.318450	0.001	1.5	3	1	4	4	0	0	0	2	0
SA5112694	10022964	21	477860	5869432	13A/14	52.975983	-57.329717	0.015	2.5	1	1	5	1	0	0	0	2	0
SA5112695	10022965	21	478603	5868142	13A/14	52.964417	-57.318567	0.033	7.5	6	1	2	3	0	0	0	1	1
SA5112696	10022966	21	482495	5866401	13A/14	52.948900	-57.260517	0.001	1.0	2	1	4	4	0	0	0	3	0
SA5112697	10022967	21	477717	5866973	13A/14	52.953867	-57.331667	0.003	1.0	1	1	2	4	0	0	0	2	1
SA5112698	10022968	21	484241	5861090	13A/14	52.901217	-57.234283	0.002	1.0	2	1	2	5	0	0	0	2	1
SA5112699	10022969	21	485908	5859440	13A/14	52.886433	-57.209433	0.001	1.5	2	1	4	4	0	0	0	2	1
SA5112700	10022971	21	487256	5859198	13A/14	52.884283	-57.189383	0.001	1.0	2	1	4	5	0	0	0	2	0
SA5112701	10022972	21	488028	5858942	13A/14	52.882000	-57.177900	0.377	1.0	1	1	13	1	0	1	0	2	1
SA5112702	10022973	21	488030	5856871	13A/14	52.863383	-57.177800	0.001	1.0	3	1	4	5	0	0	0	1	1
SA5112703	10022974	21	486898	5855902	13A/14	52.854650	-57.194567	0.011	1.5	2	1	4	4	0	0	0	3	1
SA5112704	10022975	21	487681	5856117	13A/14	52.856600	-57.182950	0.003	1.0	2	1	4	5	0	0	0	2	0
SA5112705	10022976	21	485134	5855434	13A/14	52.850400	-57.220750	0.027	1.5	1	1	5	3	0	0	0	2	0
SA5112706	10022977	21	483765	5857979	13A/14	52.873233	-57.241200	0.001	1.0	3	1	4	4	0	0	0	2	1
SA5112707	10022978	21	482674	5859419	13A/14	52.886150	-57.257483	0.001	1.0	3	1	4	4	0	0	0	1	2
SA5112708	10022979	21	482584	5860408	13A/14	52.895033	-57.258883	0.001	1.0	3	1	4	4	0	0	0	2	0
SA5112709	10022981	21	480890	5860240	13A/14	52.893467	-57.284050	0.799	1.0	1	1	2	4	0	0	0	2	0
SA5112710	10022982	21	480416	5858673	13A/14	52.879367	-57.291000	0.054	1.5	2	1	5	4	0	0	0	2	0
SA5112711	10022983	21	481226	5857697	13A/14	52.870617	-57.278900	0.432	1.5	3	1	7	1	0	0	0	3	1
SA5112712	10022984	21	479619	5857716	13A/14	52.870733	-57.302783	0.026	1.0	3	1	2	4	0	0	0	2	0
SA5112713	10022985	21	499284	5848569	13A/14	52.788883	-57.010617	0.004	1.0	3	1	4	2	0	0	0	2	0
SA5112714	10022986	21	497066	5849543	13A/14	52.797633	-57.043517	0.009	1.5	3	1	1	4	0	0	0	2	0
SA5112715	10022987	21	487980	5858927	13A/14	52.881867	-57.178617	0.377	-9.0	1	1	13	1	0	2	0	2	0
SA5112716	10022988	21	496752	5847005	13A/14	52.774817	-57.048150	0.004	2.5	3	1	2	4	0	0	0	1	0
SA5112717	10022989	21	495782	5846716	13A/14	52.772217	-57.062517	0.105	1.5	6	1	4	4	0	0	0	2	0
SA5112718	10022991	21	492338	5847877	13A/14	52.782617	-57.113600	0.485	1.5	6	1	1	1	0	0	0	2	0
SA5112719	10022992	21	491177	5848996	13A/14	52.792650	-57.130833	0.420	1.5	6	1	7	1	0	0	0	2	0
SA5112720	10022993	21	494037	5849429	13A/14	52.796583	-57.088433	0.019	2.0	3	1	2	4	0	0	0	2	0
SA5112721	10022994	21	492003	5850933	13A/14	52.810083	-57.118633	0.001	1.5	6	1	1	1	0	0	0	2	0
SA5112722	10022995	21	491183	5851378	13A/14	52.814067	-57.130817	0.003	1.5	3	1	4	4	0	0	0	2	0
SA5112723	10022996	21	491475	5852914	13A/14	52.827883	-57.126517	0.001	1.5	3	1	4	5	0	0	0	2	0
SA5112724	10022997	21	486376	5851400	13A/14	52.814167	-57.202133	0.229	2.0	6	1	4	4	0	0	0	2	0
SA5112725	10022998	21	488280	5850596	13A/14	52.806983	-57.173850	0.036	1.5	3	1	4	4	0	0	0	2	0
SA5112726	10022999	21	487992	5848624	13A/14	52.789250	-57.178050	0.076	1.0	3	1	4	1	0	0	0	2	0
SA5112727	-9	21	487626	5846832	13A/14	52.773133	-57.183417	0.002	0.5	2	1	-9	-9	0	0	0	2	2
SA5112728	10023001	21	488008	5846099	13A/14	52.766550	-57.177733	0.053	0.5	3	1	2	1	0	0	0	2	0
SA5112729	-9	21	488537	5845217	13A/14	52.758633	-57.169850	0.001	0.5	2	1	-9	-9	0	0	0	2	2
SA5112730	10023002	21	486698	5844076	13A/11	52.748333	-57.197067	0.138	2.0	6	1	2	4	0	0	0	2	0
SA5112731	10023003	21	484632	5846705	13A/14	52.771917	-57.227783	0.004	1.0	2	1	4	4	0	0	0	2	0
SA5112732	10023004	21	485374	5848325	13A/14	52.786500	-57.216867	0.005	1.5	2	1	4	4	0	0	0	2	0
SA5112733	10023005	21	483464	5852661	13A/14	52.825417	-57.245400	0.005	2.5	3	1	5	3	0	1	0	2	0
SA5112734	10023006	21	483507	5855353	13A/14	52.849617	-57.244900	0.005	1.0	2	1	3	5	0	0	0	2	0
SA5112735	10023007	21	481092	5853048	13A/14	52.828817	-57.280633	0.011	1.0	3	0	4	5	0	0	0	2	2
SA5112736	10023008	21	482834	5850716	13A/14	52.807917	-57.254650	0.092	2.0	1	1	13	3	0	0	0	1	1
SA5112737	10023009	21	483397	5852661	13A/14	52.825417	-57.246400	0.005	1.0	3	1	2	5	0	2	0	2	0
SA5112738	10023011	21	482256	5849165	13A/14	52.793950	-57.263133	0.016	1.0	3	1	13	1	0	0	0	3	0
SA5112739	10023012	21	480868	5848480	13A/14	52.787750	-57.283683	0.012	1.0	3	1	2	4	0	0	0	2	0
SA5112740	10023013	21	480932	5847329	13A/14	52.777400	-57.282667	0.107	1.0	1	1	4	4	0	0	0	2	1
SA5112741	10023014	21	482238	5845579	13A/14	52.761717	-57.263217	0.004	1.0	2	1	2	4	0	0	0	3	0
SA5112742	10023015	21	480814	5844099	13A/14	52.748367	-57.284233	0.011	1.5	2	1	4	5	0	0	0	3	0
SA5112743	10023016	21	479033	5845013	13A/14	52.756517	-57.310667	0.260	3.5	1	1	7	3	0	0	0	1	0
SA5112744	10023017	21	478875	5846735	13A/14	52.771983	-57.313117	0.009	2.5	1	1	2	5	0	0	0	1	0
SA5112745	10023018	21	479231	5848615	13A/14	52.788900	-57.307967	0.006	3.5	1	1	13	3	0	0	0	1	1

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp
SA5112746	10023019	21	480568	5850992	13A/14	52.810317	-57.288283	0.057	1.0	3	1	4	4	0	0	0	2	0
SA5112747	10023021	21	479271	5851668	13A/14	52.816350	-57.307567	0.598	1.5	1	1	7	4	0	1	0	3	1
SA5112748	10023022	21	479513	5855511	13A/14	52.850900	-57.304217	0.005	1.0	2	1	4	4	0	0	0	2	1
SA5112749	10023023	21	479371	5858637	13A/14	52.879000	-57.306517	0.240	1.5	1	1	5	4	0	0	0	1	1
SA5112750	10023024	21	477758	5858119	13A/14	52.874283	-57.330450	0.005	1.5	3	1	5	5	0	0	0	2	0
SA5112751	10023025	21	476076	5857353	13A/14	52.867317	-57.355383	0.004	1.0	2	1	2	5	0	0	0	2	0
SA5112752	10023026	21	475759	5856950	13A/14	52.863683	-57.360067	0.004	1.0	2	1	2	5	0	0	0	2	0
SA5112753	10023027	21	477381	5855629	13A/14	52.851883	-57.335883	0.011	1.0	3	1	2	4	0	0	0	2	0
SA5112754	10023028	21	479218	5851743	13A/14	52.817017	-57.308350	0.598	1.5	1	1	7	4	0	2	0	2	0
SA5112755	10023029	21	477192	5853695	13A/14	52.834483	-57.338550	0.006	5.5	3	1	4	3	0	0	0	2	0
SA5112756	10023031	21	476954	5850761	13A/14	52.808100	-57.341883	0.001	1.0	2	1	4	5	0	0	0	2	0
SA5112757	10023032	21	476739	5847154	13A/14	52.775667	-57.344817	0.008	4.5	3	1	5	3	0	0	0	3	0
SA5112758	10023033	21	477088	5844503	13A/14	52.751850	-57.339450	0.193	6.5	1	1	8	3	0	0	0	2	0
SA5112759	10023034	21	474874	5845398	13A/14	52.759800	-57.372317	0.001	1.0	3	1	4	5	0	0	0	2	2
SA5112760	10023035	21	474935	5847912	13A/14	52.782400	-57.371617	0.147	1.5	1	1	5	4	0	0	0	3	0
SA5112761	10023036	21	475915	5849325	13A/14	52.795150	-57.357183	0.006	2.0	1	1	2	5	0	0	0	1	0
SA5112762	10023037	21	473652	5849282	13A/14	52.794650	-57.390750	0.013	1.5	2	1	4	4	0	0	0	2	1
SA5112763	10023038	21	474347	5850496	13A/14	52.805600	-57.380533	0.021	1.0	2	1	4	5	0	0	0	3	0
SA5112764	10023039	21	474666	5852860	13A/14	52.826867	-57.375983	0.009	3.5	1	1	5	5	0	0	0	2	1
SA5112765	10023041	21	474891	5854859	13A/14	52.844850	-57.372800	0.001	1.0	1	1	13	2	0	0	0	2	0
SA5112766	10023042	21	472751	5857971	13A/14	52.872717	-57.404833	0.001	1.0	2	1	5	5	0	1	0	2	0
SA5112767	10023043	21	473110	5858768	13A/14	52.879900	-57.399567	0.001	1.5	2	1	5	5	0	0	0	2	0
SA5112768	10023044	21	475580	5859927	13A/14	52.890433	-57.362950	0.003	1.0	2	1	4	5	0	0	0	2	0
SA5112769	10023045	21	474738	5860767	13A/14	52.897950	-57.375533	0.001	2.5	1	1	4	3	0	0	0	2	0
SA5112770	10023046	21	473243	5861520	13A/14	52.904650	-57.397817	0.001	1.0	2	0	4	5	0	0	0	2	0
SA5112771	10023047	21	474479	5868685	13A/14	52.969117	-57.380000	0.001	2.0	1	1	4	5	0	0	0	1	0
SA5112772	10023048	21	473701	5868011	13A/14	52.963017	-57.391533	0.007	3.0	3	1	7	3	0	0	0	2	0
SA5112773	10023049	21	472675	5867410	13A/14	52.957567	-57.406750	0.002	1.0	3	1	4	5	0	0	0	1	0
SA5112774	10023051	21	472771	5857947	13A/14	52.872500	-57.404533	0.001	1.0	2	1	4	5	0	2	0	2	0
SA5112775	10023052	21	473953	5871892	13A/14	52.997917	-57.388083	0.039	8.5	1	1	5	3	0	0	0	3	0
SA5112776	10023053	21	542293	5814066	13A/08	52.477067	-56.377317	0.001	1.5	3	1	2	5	0	0	0	3	0
SA5112777	10023054	21	542150	5812672	13A/08	52.464550	-56.379600	0.027	6.0	3	1	4	3	0	0	0	3	0
SA5112778	10023055	21	543331	5811110	13A/08	52.450417	-56.362417	0.075	6.5	1	1	5	3	0	0	0	1	0
SA5112779	10023056	21	545428	5811188	13A/08	52.450950	-56.331550	0.001	1.0	2	1	2	4	0	0	0	3	0
SA5112780	10023057	21	545174	5812949	13A/08	52.466800	-56.335050	0.025	4.5	4	1	4	4	0	0	0	3	1
SA5112781	10023058	21	545461	5814203	13A/08	52.478050	-56.330650	0.134	5.5	1	1	13	3	0	0	0	2	0
SA5112782	10023059	21	546914	5813157	13A/08	52.468517	-56.309417	0.008	1.0	3	1	4	2	0	0	0	3	0
SA5112783	10023061	21	547485	5815550	13A/08	52.489983	-56.300667	0.107	10.0	1	1	5	3	0	0	0	2	0
SA5112784	10023062	21	548452	5812858	13A/08	52.465700	-56.286817	0.005	4.0	3	1	7	1	0	0	0	3	0
SA5112785	10023063	21	549544	5815118	13A/08	52.485917	-56.270417	0.001	3.0	3	1	4	3	0	0	0	3	0
SA5112786	10023064	21	550187	5812664	13A/08	52.463800	-56.261317	0.002	2.0	2	1	4	3	0	0	0	3	0
SA5112787	10023065	21	551834	5815029	13A/08	52.484900	-56.236700	0.002	2.0	1	1	7	2	0	0	0	3	0
SA5112788	10023066	21	552472	5815745	13A/08	52.491283	-56.227200	0.002	2.0	1	1	4	2	0	0	0	3	0

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5111891	P-Mgs	PMgr		0.05	0.75	0.25	1	0.5	120	133	0.82
SA5111892	P-Mgs	PMgr		0.05	1.04	0.25	1	0.5	100	125	0.79
SA5111893	P-Mgs	PMgr		0.05	1.30	0.25	1	0.5	210	249	2.13
SA5111894	P-Mgs	PMgr		0.05	3.41	0.25	1	0.5	380	456	1.35
SA5111895	P-Mgs	PMgr	Some plant debris	0.05	1.13	0.25	1	0.5	92	122	0.50
SA5111896	P-Mgs	PMgr	No water sample (too shallow) - mud sample collected with scoop	0.05	0.14	0.25	1	0.5	25	23	0.05
SA5111897	P-Mgs	PMgr	Had to drop 3 times - plant debris	0.05	2.01	0.25	1	0.5	250	295	0.65
SA5111898	P-Mgs	PMgr		0.05	1.98	0.25	1	0.5	260	303	0.66
SA5111899	P-Mgs	PMgr		0.05	1.73	0.25	1	0.5	160	170	0.63
SA5111900	M3gr	PMgr		0.05	0.13	0.25	1	1	25	30	0.05
SA5111901	M3gr	PMgr		0.05	1.75	0.25	3	0.5	130	151	1.19
SA5111902	M3gr	PMgr		0.05	1.55	0.25	1	0.5	140	162	0.65
SA5111903	M3gr	PMgr		0.05	0.17	0.25	1	0.5	25	50	0.05
SA5111904	M3gr	PMgr		0.05	3.29	0.25	1	0.5	550	648	1.09
SA5111905	M3gr	PMgr	Some plant debris	0.05	1.58	0.5	3	0.5	220	276	0.62
SA5111906	M3gr	PMgr		0.05	0.59	0.25	1	0.5	98	116	0.22
SA5111907	M3gr	PMgr	Some fine grained grey inorganic material	0.05	7.97	0.25	4	0.5	1200	1255	2.85
SA5111908	M3gr	PMgr		0.05	1.28	0.25	1	0.5	150	209	0.48
SA5111909	M3gr	PMgr	Abundant plant material	0.05	1.35	0.7	1	3	110	152	0.66
SA5111910	M3gr	M3Bgr	Abundant plant material	0.05	0.60	0.25	1	2	310	373	0.39
SA5111911	M3gr	M3Bgr		0.05	1.37	0.25	1	0.5	130	161	0.57
SA5111912	M3gr	M3Bgr	Small sample	0.05	0.25	0.25	1	4	70	89	0.05
SA5111913	M3gr	M3Bgr	Abundant plant material	0.05	1.28	0.7	1	0.5	110	110	0.37
SA5111914	M3gr	M3Bgr	Abundant plant material	0.05	1.55	0.25	3	0.5	140	191	0.52
SA5111915	M3gr	M3Bgr		0.05	1.16	0.25	1	0.5	170	207	0.35
SA5111916	P-Mgs	PMgr	Some plant debris	0.05	0.80	0.8	1	3	70	102	0.74
SA5111917	P-Mgs	PMgr		0.05	1.37	0.25	3	0.5	140	162	1.64
SA5111918	P-Mgs	PMgr	Some fine-grained clastic	0.05	7.65	0.25	3	0.5	1500	1487	2.40
SA5111919	P-Mgs	PMgr		0.05	1.82	0.25	3	0.5	190	240	2.31
SA5111920	P-Mgs	PMgr		0.05	1.94	0.25	19	0.5	68	124	23.82
SA5111921	P-Mgs	PMgr		0.05	0.57	0.25	1	0.5	76	89	0.97
SA5111922	P-Mgs	PMgr	Some plant debris	0.05	0.83	0.25	1	2	84	103	0.29
SA5111923	P-Mgs	PMgr		0.05	1.38	0.25	1	0.5	160	189	0.54
SA5111924	P-Mgs	PMgr	Some plant debris	0.05	1.41	0.25	1	0.5	270	283	1.28
SA5111925	P-Mgs	PMgr		0.05	1.36	0.25	1	0.5	200	220	1.68
SA5111926	P-Mgs	PMgr		0.05	1.53	0.25	1	2	190	226	0.40
SA5111927	P-Mgs	PMyq		0.05	1.27	0.25	2	0.5	190	230	0.94
SA5111928	P-Mgs	PMmq		0.05	1.24	0.25	1	2	140	149	0.41
SA5111929	P-Mgs	PMgr		0.05	0.80	0.25	1	0.5	94	116	0.34
SA5111930	P-Mgs	PMgr	Lots of organic material	0.05	0.16	0.25	1	1	54	39	0.05
SA5111931	P-Mgs	PMgr	Few rocks around lake	0.05	1.31	0.25	1	0.5	120	141	0.31
SA5111932	P-Mgs	PMgr		0.05	0.32	0.25	2	0.5	25	42	0.21
SA5111933	P-Mgs	PMgr	Some organic debris	0.05	2.82	0.25	1	0.5	440	491	0.72
SA5111934	P-Mgs	PMgr	Was part of a river, Point moved slightly. Lots of plant material	0.05	1.18	0.25	1	0.5	140	175	0.30
SA5111935	P-Mgs	PMgr		0.05	1.61	0.25	1	0.5	170	204	0.59
SA5111936	P-Mgs	PMgr		0.05	0.87	0.25	1	1	80	109	0.21
SA5111937	P-Mgs	PMmq	Few rocks around lake	0.05	0.64	0.25	1	2	100	113	0.15
SA5111938	M3gr	PMgr	Lots of suspension in water sample	0.05	0.26	0.25	1	0.5	56	63	0.05
SA5111939	M3gr	PMgr		0.05	2.40	0.7	4	3	290	331	0.76
SA5111940	M3gr	PMgr		0.05	0.98	0.25	1	0.5	120	134	0.32
SA5111941	M3gr	PMdr		0.05	2.37	0.25	1	0.5	330	404	0.62
SA5111942	M3gr	PMgr	Some plant debris	0.05	0.47	0.25	1	0.5	25	75	0.13
SA5111943	M3gr	PMgr	Fine-grained clastic grey layer at the bottom of sampler	0.05	5.19	0.5	4	0.5	760	835	1.93
SA5111944	M3gr	M3Bgr	Plant debris	0.05	0.40	0.25	1	0.5	63	100	0.19
SA5111945	M3gr	M3Bgr		0.05	0.28	0.25	1	0.5	72	101	0.10
SA5111946	P-Mgs	PMgr	Dropped 3 times. Connected to small brook. No mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5111947	P-Mgs	PMgr	Plant debris	0.05	1.23	0.25	1	3	130	160	0.64

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5111948	P-Mgs	PMyq	Abundance of plant debris	0.05	1.45	0.25	1	0.5	210	244	0.51
SA5111949	P-Mgs	PMmq		0.05	3.91	0.25	8	0.5	200	257	2.62
SA5111950	M3gr	M3Bgr		0.05	0.35	0.5	1	2	76	88	0.11
SA5111951	P-Mgs	PMgr	Dropped twice	0.05	1.25	0.6	3	0.5	110	109	0.56
SA5111952	P-Mgs	PMgr		0.05	1.38	0.6	2	0.5	120	140	0.71
SA5111953	P-Mgs	PMgr	Abundance of plant debris	0.05	0.68	0.25	1	0.5	65	67	0.32
SA5111954	P-Mgs	PMgr	Abundance of plant debris	0.05	0.80	0.25	1	2	87	105	0.31
SA5111955	P-Mgs	PMgr		0.05	1.42	0.25	3	0.5	200	261	1.09
SA5111956	P-Mgs	PMgr	Plant debris	0.05	1.38	0.25	1	0.5	130	170	0.48
SA5111957	P-Mgs	PMgr	Plant debris	0.05	0.87	0.25	1	0.5	71	87	0.30
SA5111958	P-Mgs	PMgr		0.05	3.07	0.25	2	0.5	180	178	2.29
SA5111959	P-Mgs	PMgr		0.05	4.58	0.25	5	0.5	180	191	2.49
SA5111960	P-Mgs	PMgr		0.05	2.73	0.25	4	0.5	460	441	0.84
SA5111961	P-Mgs	PMmq		0.05	1.61	0.5	1	0.5	760	45	0.62
SA5111962	P-Mgs	PMgr		0.05	0.59	0.25	1	0.5	100	116	0.19
SA5111963	P-Mgs	PMgr	Plant debris	0.05	1.02	0.25	1	0.5	120	144	0.31
SA5111964	P-Mgs	PMgr		0.05	1.56	0.6	1	0.5	130	158	0.58
SA5111965	P-Mgs	PMgd		0.05	2.32	0.25	3	0.5	640	517	0.71
SA5111966	P-Mgs	PMdr		0.05	2.57	0.25	2	2	280	351	0.75
SA5111967	M3gr	PMgr	Shallow lake. Too much plant debris. No mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5111968	M3gr	PMgr		0.05	0.32	0.5	1	0.5	67	57	0.05
SA5111969	M3gr	PMgr	Peaty top layer	0.05	0.26	0.25	1	3	57	64	0.05
SA5111970	P-Mgs	PMgr		0.05	0.22	0.25	1	0.5	74	78	0.05
SA5111971	M3gr	PMgr	rocky bottom. Connected to brook.	0.05	3.73	0.25	1	0.5	570	607	1.25
SA5111972	M3gr	PMgr		0.05	1.32	0.25	1	0.5	120	133	0.42
SA5111973	M3gr	PMgr		0.05	0.90	0.25	1	0.5	150	162	0.39
SA5111974	M3gr	PMgr		0.05	0.94	0.5	2	0.5	110	127	0.46
SA5111975	M3gr	PMgr		0.05	1.95	0.25	1	0.5	180	214	0.76
SA5111976	M3gr	PMgr		0.05	1.74	0.25	1	0.5	220	247	0.72
SA5111977	M3gr	PMgr	Plant debris	0.05	2.52	0.5	1	0.5	290	373	0.52
SA5111978	M3gr	PMgr		0.05	2.28	0.25	3	0.5	110	125	1.13
SA5111979	M3gr	PMgr		0.05	1.40	0.25	1	0.5	98	121	0.71
SA5111980	M3gr	PMgr	Plant debris	0.05	1.54	0.25	1	2	320	358	0.61
SA5111981	M3gr	PMgr	Abundant plant material	0.05	1.41	0.25	1	0.5	190	216	0.59
SA5111982	M3gr	PMgr		0.05	1.05	0.25	1	1	100	125	0.43
SA5111983	M3gr	PMgr		0.05	2.81	0.25	3	0.5	150	163	2.36
SA5111984	M3gr	PMgr		0.05	1.45	0.25	1	0.5	130	144	0.40
SA5111985	M3gr	PMgr		0.05	4.51	0.25	3	0.5	140	138	2.40
SA5111986	M3gr	PMmq	Some ooze in composition	0.05	0.81	0.25	1	0.5	110	117	0.21
SA5111987	M3gr	PMgr		0.05	1.33	0.25	3	0.5	110	139	0.46
SA5111988	M3gr	PMgr		0.05	1.12	0.25	1	0.5	140	163	0.45
SA5111989	P-Mgs	PMgr		0.05	1.32	0.7	3	0.5	150	178	0.48
SA5111990	M3gr	PMgr		0.05	1.44	0.25	1	0.5	220	262	0.40
SA5111991	M3gr	PMgr	Plant debris	0.05	0.16	0.25	1	1	68	64	0.05
SA5111992	M3gs	M3Dgr		0.05	0.71	0.25	1	0.5	100	111	0.33
SA5111993	M3gr	PMgr	No sample. Rocky bottom.	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5111994	M3gs	M3Dgr		0.05	0.20	0.8	1	0.5	90	79	0.05
SA5111995	M3gs	M3Dgr	Abundant plant material	0.05	0.67	0.25	1	0.5	150	133	0.27
SA5111996	M3gr	M3Dgr		0.05	3.45	0.25	3	0.5	170	201	1.65
SA5111997	M3gs	M3Dgr	abundant peat	0.05	0.81	0.25	1	0.5	86	109	0.43
SA5111998	M3gs	M3Dgr		0.05	0.17	0.25	1	0.5	61	78	0.05
SA5111999	M3gr	PMgr		0.05	1.38	0.6	1	0.5	180	217	0.46
SA5112000	M3gr	M3Dgr	plant debris	0.05	0.64	0.25	1	0.5	140	146	0.28
SA5112001	M3gs	M3Dgr	Green gray sample color	0.05	7.45	0.25	1	0.5	1500	1477	2.11
SA5112002	P-Mgs	PMgr		0.05	0.32	0.6	1	4	91	94	0.05
SA5112003	P-Mgs	PMgr		0.05	3.55	0.25	1	0.5	680	195	0.99
SA5112004	P-Mgs	PMgr		0.05	0.16	0.7	1	0.5	690	67	0.05

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112005	P-Mgs	PMgr	Abundant plant material	0.05	0.11	0.25	1	0.5	25	33	0.05
SA5112006	P-Mgs	PMgr		0.05	0.13	0.25	1	0.5	25	28	0.05
SA5112007	P-Mgs	PMgr	Small sample	0.05	4.31	0.5	1	0.5	810	810	1.20
SA5112008	P-Mgs	PMgr		0.05	2.43	0.25	1	15	400	432	0.63
SA5112009	M3gr	PMgr		0.05	0.10	0.25	1	5	55	39	0.05
SA5112010	P-Mgs	PMgr		0.05	0.16	1	1	5	25	48	0.05
SA5112011	M3gr	PMgr		0.05	0.32	0.9	1	0.5	82	80	0.05
SA5112012	M3gr	PMgr		0.05	0.18	0.25	1	0.5	61	57	0.05
SA5112013	M3gr	M3Dgr		0.05	0.13	0.25	1	0.5	25	41	0.05
SA5112014	M3gr	PMgr	Poor sample.	0.05	7.21	0.25	1	0.5	1600	1412	1.88
SA5112015	M3gs	M3Dgr		0.05	0.22	0.25	1	0.5	50	60	0.05
SA5112016	P-Mgs	PMgr		0.05	0.09	0.25	1	0.5	73	102	0.05
SA5112017	P-Mgs	PMgr		0.05	0.19	0.25	1	0.5	70	76	0.05
SA5112018	M3gs	M3Dgr	Abundant plant material	0.05	7.22	0.25	1	0.5	1700	1523	2.17
SA5112019	M3gs	M3Dgr		0.05	0.20	0.5	1	0.5	25	39	0.05
SA5112020	M3gs	M3Dgr	Some plant debris	0.05	0.10	0.25	1	0.5	59	56	0.05
SA5112021	M3gs	M3Dgr		0.05	7.60	0.25	1	0.5	1900	1749	2.04
SA5112022	M3gs	M3Dgr		0.05	0.30	0.25	1	0.5	110	108	0.05
SA5112023	M3gs	M3Dgr		0.05	0.08	0.25	1	0.5	73	62	0.05
SA5112024	M3gs	M3Dgr		0.05	0.16	1.1	1	0.5	54	57	0.05
SA5112025	M3gs	M3Dgr		0.05	0.18	0.25	1	0.5	60	72	0.05
SA5112026	M3gs	M3Dgr		0.05	0.30	0.25	1	0.5	78	86	0.12
SA5112027	M3gs	M3Dgr		0.05	0.08	0.25	1	0.5	58	59	0.05
SA5112028	M3gs	M3Dgr	Plant debris	0.05	0.08	0.25	1	2	56	50	0.05
SA5112029	M3gs	M3Dgr		0.05	0.23	0.5	1	2	51	53	0.05
SA5112030	M3gs	M3Dgr		0.05	0.09	0.25	1	0.5	25	48	0.05
SA5112031	M3gs	PMgr		0.05	0.13	0.25	1	0.5	62	69	0.05
SA5112032	M3gs	PMgr	Abundant peat	0.05	1.10	0.25	4	0.5	210	255	1.16
SA5112033	M3gr	PMgr	Rocks - dropped twice	0.05	5.21	0.25	1	0.5	800	855	1.44
SA5112034	M3gs	M3Dgr		0.05	0.18	0.25	1	0.5	61	79	0.05
SA5112035	M3gr	PMgr	Dropped twice	0.05	0.16	0.25	1	0.5	96	93	0.05
SA5112036	M3gr	PMgr		0.05	1.52	0.25	2	0.5	130	131	0.82
SA5112037	M3gr	PMyq	Dropped twice	0.05	0.24	0.25	1	0.5	25	55	0.05
SA5112038	M3gr	PMgr	Dropped twice	0.05	0.89	0.25	1	0.5	190	236	0.41
SA5112039	M3gr	PMgr	Dropped twice	0.05	0.52	0.25	1	0.5	170	194	0.30
SA5112040	M3gr	PMyq		0.05	0.92	0.25	7	0.5	86	93	0.64
SA5112041	M3gs	PMgr		0.05	0.12	0.25	1	0.5	80	79	0.05
SA5112042	M3gs	PMgr	Dropped twice	0.05	0.20	0.7	1	0.5	100	109	0.05
SA5112043	M3gr	PMgr		0.05	0.17	0.25	1	0.5	80	105	0.05
SA5112044	M3gr	PMgr		0.05	0.14	0.25	1	0.5	160	151	0.05
SA5112045	M3gs	PMss	Used scoop to collect	0.05	0.19	0.7	1	0.5	61	55	0.05
SA5112046	M3gs	PMgr		0.05	0.10	0.25	1	0.5	25	47	0.05
SA5112047	M3gr	PMgr		0.05	0.09	0.25	1	0.5	50	44	0.05
SA5112048	M3gs	PMgr		0.05	0.16	0.25	1	0.5	25	63	0.05
SA5112049	M3gr	PMgr		0.05	0.15	0.5	1	0.5	25	46	0.05
SA5112050	M3gr	PMgr	Dropped twice	0.05	0.13	0.8	1	0.5	25	38	0.05
SA5112051	M3gr	PMgr		0.05	0.12	0.25	1	0.5	56	53	0.05
SA5112052	M3gr	PMgr		0.05	6.67	0.25	1	0.5	1200	1270	1.57
SA5112053	M3gr	PMgr		0.05	0.23	0.6	1	0.5	74	85	0.05
SA5112054	P-Mgs	PMgr		0.05	0.23	0.25	1	0.5	98	89	0.13
SA5112055	M3gr	PMgr		0.05	0.23	-9	1	-9	-9	91	0.05
SA5112056	M3gr	PMgr		0.05	0.18	0.7	1	0.5	97	82	0.05
SA5112057	M3gr	PMyq		0.05	0.23	0.7	1	0.5	84	90	0.10
SA5112058	P-Mgs	PMyq		0.05	0.30	0.7	1	0.5	81	95	0.11
SA5112059	M3gr	PMyq		0.05	2.22	0.25	1	0.5	330	377	0.61
SA5112060	M3gr	PMyq		0.05	0.61	0.25	1	0.5	98	111	0.18
SA5112061	M3gr	PMgr		0.05	0.15	0.25	1	0.5	58	75	0.05

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112062	M3gr	PMgr	Dropped 3 times - poor sample	0.05	4.53	0.25	1	0.5	760	778	1.18
SA5112063	P-Mgs	PMgr		0.05	0.09	0.25	1	0.5	25	43	0.05
SA5112064	P-Mgs	PMgr		0.05	5.00	0.25	1	0.5	890	903	1.32
SA5112065	P-Mgs	PMgr		0.05	0.29	1.1	1	0.5	64	79	0.05
SA5112066	P-Mgs	PMgr		0.05	0.18	-9	1	-9	-9	78	0.05
SA5112067	P-Mgs	PMgr		0.05	0.75	0.25	2	0.5	120	126	0.36
SA5112068	P-Mgs	PMyq	Not much sediment - abundant plant material	0.05	0.23	-9	1	-9	-9	112	0.05
SA5112069	P-Msy	PMgr		0.05	0.13	0.25	1	0.5	61	71	0.05
SA5112070	P-Msy	PMyq	Some ooze	0.05	1.68	0.8	2	0.5	260	297	0.53
SA5112071	P-Msy	PMyq		0.05	0.11	0.25	1	0.5	99	109	0.05
SA5112072	P-Mgs	PMgr	Some plant debris	0.05	0.36	-9	1	-9	-9	92	0.11
SA5112073	P-Msy	PMyq		0.05	6.05	0.25	1	0.5	990	1044	1.60
SA5112074	P-Msy	PMyq		0.05	0.56	0.5	1	0.5	77	97	0.16
SA5112075	P-Msy	PMyq		0.05	0.17	0.25	1	0.5	65	82	0.05
SA5112076	P-Msy	PMmq		0.05	0.10	0.25	1	0.5	60	68	0.05
SA5112077	P-Msy	PMgr		0.05	0.89	0.25	1	0.5	150	152	0.27
SA5112078	P-Msy	PMmq		0.05	2.21	0.7	1	0.5	450	506	0.69
SA5112079	M3gr	PMgr	Water only	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112080	M3gr	PMgr		0.05	0.13	0.25	1	0.5	60	60	0.05
SA5112081	M3gr	PMgr		0.05	0.14	0.25	1	0.5	130	122	0.05
SA5112082	M3gr	PMgr		-9	0.18	-9	1	-9	-9	126	0.05
SA5112083	M3gr	PMgr		0.05	0.19	0.25	1	0.5	120	138	0.05
SA5112084	M3gr	PMgr		0.05	0.19	0.6	1	0.5	140	174	0.05
SA5112085	M3gr	PMgr		0.05	0.14	0.25	1	0.5	72	79	0.05
SA5112086	M3gr	PMgr		0.05	0.11	0.25	1	0.5	25	50	0.05
SA5112087	M3gr	PMgr		0.05	0.11	0.25	1	0.5	25	49	0.05
SA5112088	M3gr	PMgr	Abundant plant material	0.05	0.09	0.25	1	0.5	50	57	0.05
SA5112089	M3gr	PMgr	Water only	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112090	M3gr	PMgr	Thin layer of ooze	0.05	0.15	0.5	1	0.5	72	73	0.10
SA5112091	P-Msy	PMmq		0.05	0.25	0.25	1	0.5	89	94	0.05
SA5112092	M3gs	M3Dyq		0.05	0.21	0.25	1	0.5	110	115	0.11
SA5112093	M3gs	M3Dyq		0.05	0.96	0.25	1	0.5	180	218	0.56
SA5112094	P-Mgs	PMgr		0.05	0.08	0.6	1	1	25	44	0.05
SA5112095	P3gm	PMgr		0.05	0.53	0.25	1	0.5	25	66	0.35
SA5112096	P3gm	P3Bgp		0.05	0.66	0.25	1	0.5	79	100	0.66
SA5112097	M1lga	PMgd	Plant debris	0.05	1.84	0.25	1	0.5	230	243	1.13
SA5112098	P-Msy	PMgr	Looks like forest fire in area. Wood chips in sample	0.05	5.66	1.5	2	0.5	750	814	2.32
SA5112099	P-Msy	PMmq		0.05	1.35	0.25	2	0.5	130	137	0.69
SA5112100	M3gr	PMgr		0.05	0.22	0.25	1	0.5	130	160	0.05
SA5112101	P-Mgs	PMgr	Oozy top layer	0.05	0.26	0.6	1	0.5	83	70	0.05
SA5112102	P-Mgs	PMgr	Plant debris. Ooze top, peat bottom	0.05	0.85	0.25	1	0.5	93	126	0.36
SA5112103	P-Mgs	PMgr		0.05	0.17	0.25	1	0.5	25	56	0.05
SA5112104	P-Mgs	PMgr	Poor sample.	0.05	5.60	0.25	1	0.5	570	590	1.72
SA5112105	P-Msy	PMmq		0.05	0.80	0.6	1	0.5	84	95	0.25
SA5112106	P-Msy	PMmq		0.05	1.92	0.25	3	0.5	300	337	1.01
SA5112107	P-Msy	PMmq		0.05	1.77	0.25	2	0.5	140	148	1.05
SA5112108	P-Msy	PMmq	Plant debris	0.05	0.45	0.25	1	0.5	68	75	0.20
SA5112109	P-Msy	PMmq	Plant debris	0.05	0.73	0.25	1	0.5	120	124	0.28
SA5112110	P-Mgs	PMgr		0.05	2.69	0.25	1	0.5	340	395	0.67
SA5112111	P-Msy	PMmq		0.05	0.09	0.25	1	0.5	25	41	0.05
SA5112112	P-Msy	PMmd		0.05	1.86	0.25	2	0.5	110	124	0.85
SA5112113	P-Msy	PMmd		0.05	2.22	0.25	1	0.5	350	404	0.71
SA5112114	P-Msy	PMmq		0.05	2.05	0.5	3	0.5	190	196	0.82
SA5112115	P-Msy	PMmq		0.05	1.55	0.25	2	0.5	90	105	0.47
SA5112116	P-Mgs	PMgr		0.05	1.55	0.25	1	0.5	200	225	0.39
SA5112117	P-Mgs	PMgr		0.05	0.16	0.25	1	0.5	56	68	0.05
SA5112118	P-Mgs	PMgr		0.05	1.83	0.25	1	0.5	240	252	0.49

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112119	P-Mgs	PMgr	Sediment stirred up by chopper	0.05	0.18	0.25	1	0.5	84	79	0.05
SA5112120	P-Mgs	PMgr	Plant debris	0.05	1.08	0.7	1	0.5	100	143	0.30
SA5112121	P-Mgs	PMmq	Plant debris abundant	0.05	0.80	0.6	1	0.5	76	92	0.23
SA5112122	P-Msy	P3Bdr	Oozy top layer. Peaty bottom	0.05	1.13	0.25	1	0.5	140	167	0.28
SA5112123	P3a	P3Ban		0.05	1.32	0.6	1	0.5	78	84	0.33
SA5112124	P3a	P3Bdr		0.05	1.04	0.25	1	0.5	83	92	0.43
SA5112125	P3a	P3Bdr		0.05	2.73	0.25	1	0.5	160	141	1.28
SA5112126	P3a	P3Bdr	Few rocks around lake	0.05	1.02	0.25	1	0.5	54	87	0.41
SA5112127	P3a	P3Bam	Looks like burned terrain	0.05	1.87	0.25	2	0.5	110	124	1.71
SA5112128	P3a	P3Brg	Dropped three times - poor sample	0.05	2.30	-9	3	-9	-9	182	1.60
SA5112129	P3a	P3Brg	Small area of burned terrain	0.05	1.15	0.25	1	0.5	120	136	0.53
SA5112130	P3a	P3Bmq	Plant debris abundant	0.05	0.70	0.25	1	0.5	110	110	0.48
SA5112131	P3a	P3Bgp	Close to main road. Some peat material	0.05	0.17	0.25	1	0.5	25	42	0.05
SA5112132	P3gm	P3Bgp	Dropped three times - poor sample. Some fine grained & some coarse grained sediment	0.05	4.32	0.25	8	0.5	150	170	4.68
SA5112133	P3gm	P3Bgp		0.05	0.27	0.25	1	0.5	25	60	0.11
SA5112134	P3gm	P3Bgd	Few rocks around lake - plant debris abundant	0.05	0.16	-9	1	-9	-9	51	0.05
SA5112135	P3gm	P3Bgr	Dropped three times - no mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112136	P3gm	P3Bdr	Sediment mixed by chopper	0.05	0.08	0.25	1	0.5	25	32	0.05
SA5112137	P3a	P3Bmq	Lots of plant debris. Lots of suspension	0.05	0.10	-9	1	-9	-9	23	0.05
SA5112138	P3a	P3Bam	Some plant debris	0.05	0.72	0.25	1	2	25	81	0.25
SA5112139	P3gm	P3Bmq		0.05	2.49	0.25	2	0.5	190	267	1.12
SA5112140	P3gm	P3Bdr	Plant Debris	0.05	0.10	0.25	1	0.5	25	25	0.05
SA5112141	P3gm	P3Bgp	Plant Debris	0.05	0.68	0.25	3	0.5	180	203	1.52
SA5112142	P3gm	P3Bgp		0.05	1.31	0.25	1	0.5	270	288	0.98
SA5112143	P3gm	P3Bgp	Dropped twice - Bottom layer is grey	0.05	5.89	2.1	6	0.5	790	802	3.18
SA5112144	P3gm	P3Bgp		0.05	0.74	0.25	1	0.5	87	96	0.43
SA5112145	P3gm	P3Bgr	Abundant plant material	0.05	0.65	0.25	1	0.5	53	58	0.87
SA5112146	P3gm	P3Bdr		0.05	0.77	0.25	1	0.5	110	127	1.00
SA5112147	P3gm	P3Bgp	Huge rock (hill) next to lake	0.05	1.54	0.5	1	0.5	260	275	1.26
SA5112148	M3gr	PMgr	Plant debris	0.05	0.66	0.25	1	0.5	140	181	0.24
SA5112149	M3gr	PMgr		0.05	2.70	0.25	2	0.5	570	573	0.66
SA5112150	M3gr	PMyq		0.05	0.19	0.25	1	0.5	74	73	0.05
SA5112151	M3gr	PMmd		0.05	0.26	0.25	1	0.5	78	78	0.34
SA5112152	M3gr	PMgr		0.05	0.22	0.6	1	0.5	91	112	0.05
SA5112153	M3gr	PMgr	Plant debris	0.05	0.18	0.25	1	0.5	150	172	0.05
SA5112154	M3gr	PMgr		0.05	0.12	0.25	1	0.5	170	210	0.05
SA5112155	M3gr	PMgr	Plant debris	0.05	0.25	0.25	1	0.5	270	285	0.12
SA5112156	P-Msy	PMgr	Poor sample. Rocks in area & beaches. Dropped twice	0.05	8.11	0.25	1	0.5	1700	1607	1.83
SA5112157	P-Mgs	PMgr		0.05	0.33	0.25	1	0.5	73	94	0.05
SA5112158	P-Mgs	PMgr		0.05	0.20	0.25	1	0.5	290	369	0.05
SA5112159	M3gr	PMgr	Dropped twice. Chopper moving sediment	0.05	0.23	0.25	1	0.5	96	119	0.05
SA5112160	P-Mgs	PMgr		0.05	0.13	0.25	1	0.5	78	91	0.05
SA5112161	P-Mgs	PMgr		0.05	6.54	0.25	1	0.5	1300	1202	1.54
SA5112162	P-Mgs	PMgr	Lots of plant debris. Poor sample	0.05	0.34	0.25	1	0.5	80	100	0.05
SA5112163	P-Msy	PMyq	Lots of plant debris	0.05	0.19	0.25	1	1	51	77	0.05
SA5112164	P-Mgs	PMgr		0.05	0.29	0.25	1	0.5	25	96	0.05
SA5112165	P-Mgs	PMgr	Dropped twice. Rocks in area around edges of lake	0.05	7.16	0.25	1	0.5	1400	1299	1.64
SA5112166	P-Mgs	PMgr	Rocks in area around edges of lake	0.05	4.08	0.25	1	0.5	780	836	1.02
SA5112167	P-Mgs	PMgr		0.05	0.27	0.7	1	0.5	66	79	0.17
SA5112168	P-Mgs	PMgr	Dropped twice	0.05	0.22	0.25	1	0.5	84	99	0.05
SA5112169	P-Mgs	PMgr	Dropped twice	0.05	6.38	0.25	1	0.5	1300	1266	1.35
SA5112170	P-Mgs	PMgr		0.05	5.46	0.25	1	0.5	970	986	1.25
SA5112171	P-Mgs	PMgr	Plant debris	0.05	0.12	0.25	1	0.5	25	59	0.05
SA5112172	P-Mgs	PMgr	Dropped twice	0.05	6.70	0.25	1	0.5	1300	1391	1.49
SA5112173	P-Mgs	PMgr		0.05	0.12	0.25	1	0.5	69	68	0.05
SA5112174	P-Mgs	PMgr	Lots of suspension	0.05	0.49	0.25	1	0.5	240	283	1.06
SA5112175	P-Mgs	PMgr		0.05	6.97	0.25	1	0.5	1200	1257	1.65

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112176	P-Mgs	PMgr		0.05	4.82	0.25	1	0.5	800	876	1.03
SA5112177	P-Mgs	PMgr	Dropped twice	0.05	2.84	0.9	1	0.5	510	587	0.60
SA5112178	P-Mgs	PMgr	Dropped twice	0.05	0.38	0.25	1	0.5	93	101	0.10
SA5112179	P-Mgs	PMgr		0.05	7.49	0.6	1	0.5	1300	1283	1.52
SA5112180	P-Mgs	PMgr		0.05	0.39	0.25	1	0.5	150	152	0.05
SA5112181	M3gr	PMyq		0.05	0.51	0.5	1	0.5	65	52	0.17
SA5112182	P-Mgs	PMgr		0.05	0.16	0.25	1	0.5	78	93	0.05
SA5112183	P-Mgs	PMgr		0.05	6.56	0.8	1	0.5	1000	1036	1.34
SA5112184	P-Mgs	PMgr		0.05	5.00	0.6	1	0.5	710	706	1.07
SA5112185	P-Mgs	M3Dmq		0.05	0.29	0.25	1	0.5	56	72	0.05
SA5112186	P-Mgs	PMgr		0.05	0.58	0.5	1	0.5	130	131	0.17
SA5112187	P-Mgs	PMgr	Plant debris	0.05	0.29	0.25	1	1	71	58	0.05
SA5112188	P-Mgs	PMgr	Poor sample	0.05	0.16	0.25	1	0.5	68	54	0.05
SA5112189	P-Mgs	PMgr		0.05	0.12	0.25	1	0.5	52	72	0.05
SA5112190	P-Mgs	PMss		0.05	1.18	0.25	2	0.5	240	262	0.29
SA5112191	P-Mgs	PMgr		0.05	0.11	0.25	1	0.5	100	105	0.05
SA5112192	M3gr	PMmq	Plant debris	0.05	1.42	0.25	2	0.5	260	301	0.52
SA5112193	P-Mgs	PMgr	Peaty top layer. Bottom layer is large clastic grains - tan yellow in color of mud	0.05	1.32	0.25	1	0.5	200	227	0.40
SA5112194	P-Mgs	PMgr	Plant debris	0.05	1.01	0.25	2	2	81	108	0.50
SA5112195	P-Mgs	PMgr	Plant debris	0.05	4.40	0.25	1	0.5	780	809	1.29
SA5112196	P-Mgs	PMmq	Plant debris	0.05	1.33	0.25	3	0.5	78	91	0.71
SA5112197	M3gr	PMgr		0.05	1.17	0.25	3	0.5	320	361	0.59
SA5112198	M3gr	PMgr		0.05	1.62	0.25	3	2	220	234	1.14
SA5112199	M3gr	PMgr		0.05	2.75	0.25	4	0.5	190	194	1.40
SA5112200	P-Mgs	PMgr		0.05	6.60	0.25	1	0.5	880	987	1.50
SA5112201	M3gr	PMgr		0.05	1.27	0.25	1	0.5	120	159	0.42
SA5112202	M3gr	PMgr	Poor Sample.Rocky bottom.	0.05	0.74	-9	3	-9	-9	188	0.28
SA5112203	M3gr	PMgr		0.05	1.95	0.25	3	0.5	180	210	0.90
SA5112204	M3gr	PMgr		0.05	0.20	0.25	1	0.5	96	101	0.05
SA5112205	M3gr	PMgr		0.05	1.97	0.25	3	0.5	130	198	0.74
SA5112206	M3gr	PMyq	Poor sample.	-9	1.90	-9	3	-9	-9	215	0.61
SA5112207	P-Mgs	PMgr		0.05	0.53	0.25	1	0.5	25	57	0.20
SA5112208	P-Mgs	PMgr		0.05	1.05	0.25	2	0.5	97	113	0.78
SA5112209	P-Mgs	PMgr	Abundant plant debris	0.05	0.73	0.25	1	0.5	25	46	0.20
SA5112210	P-Mgs	PMgr		0.05	0.18	0.25	1	0.5	66	96	0.10
SA5112211	P-Mgs	PMgr		0.05	0.80	0.5	1	0.5	120	138	0.32
SA5112212	P-Mgs	PMgr		0.05	0.19	0.25	1	0.5	65	67	0.05
SA5112213	P-Mgs	PMgd		0.05	0.29	0.25	1	0.5	69	64	0.05
SA5112214	P-Mgs	PMgd		0.05	0.28	0.25	1	0.5	25	56	0.05
SA5112215	P-Mgs	PMgr		0.05	0.13	0.25	1	2	57	69	0.05
SA5112216	M1lga	PMdr	Plant debris	0.05	0.17	-9	1	-9	-9	70	0.05
SA5112217	M1lga	M1ln		0.05	0.12	0.25	1	0.5	76	58	0.05
SA5112218	M1lga	M1rg		0.05	0.20	0.25	1	0.5	190	225	0.05
SA5112219	P-Mgs	PMgr	Plant debris	0.05	0.29	0.25	1	2	140	163	0.19
SA5112220	P-Mgs	PMgr		0.05	7.16	0.25	1	0.5	980	979	1.61
SA5112221	P-Mgs	PMgr		0.05	1.49	0.25	1	0.5	260	279	0.46
SA5112222	P-Mgs	PMgr		0.05	0.16	0.25	1	0.5	83	75	0.05
SA5112223	P-Mgs	PMgr	Very shallow, abundant peat.chopper suspension.	0.05	0.23	0.25	1	0.5	310	357	0.05
SA5112224	P-Mgs	PMgr	Top layer tan yellow ~1 cm	0.05	0.33	0.7	1	0.5	190	210	0.13
SA5112225	P-Mgs	PMgr		0.05	1.01	0.25	1	0.5	85	131	0.34
SA5112226	M3gs	PMgr		0.05	0.55	0.7	1	0.5	88	123	0.22
SA5112227	M3gs	PMmd	Plant debris	0.05	0.27	0.25	1	0.5	110	87	0.15
SA5112228	M3gs	PMgr		0.05	1.15	0.25	1	0.5	110	117	0.37
SA5112229	P-Mgs	PMgr		0.05	0.10	0.25	1	0.5	25	42	0.05
SA5112230	P-Mgs	PMgr	Plant debris	0.05	0.46	0.25	1	0.5	25	59	0.37
SA5112231	P-Mgs	PMgr		0.05	1.78	0.25	3	0.5	84	90	0.85
SA5112232	P-Mgs	PMgr	Some plant debris	0.05	1.15	0.25	1	0.5	74	96	0.37

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112233	P-Mgs	PMmd		0.05	0.24	0.25	1	0.5	120	141	0.05
SA5112234	P-Mgs	PMgr	Abundant plant debris	0.05	0.62	-9	1	-9	-9	148	0.21
SA5112235	P-Mgs	PMmd		0.05	0.19	0.25	1	0.5	140	149	0.05
SA5112236	P-Mgs	PMgr	Bottom is Rock.	0.05	3.49	-9	1	-9	-9	544	0.87
SA5112237	P-Mgs	PMmq	No sample. Two attempts.	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112238	P-Mgs	PMgr	Abundant plant debris	0.05	0.75	0.25	3	2	160	172	0.64
SA5112239	P-Mgs	PMyq	Abundant plant debris	0.05	0.16	0.25	1	0.5	62	80	0.05
SA5112240	P-Mgs	PMgr		0.05	0.48	0.25	1	0.5	86	106	0.16
SA5112241	P-Mgs	PMgd		0.05	2.68	0.25	3	0.5	480	189	1.12
SA5112242	P-Mgs	PMgr	Plant debris	0.05	0.80	0.25	1	0.5	90	132	0.32
SA5112243	P-Mgs	PMgr		0.05	0.90	0.25	1	0.5	270	347	0.27
SA5112244	P-Mgs	PMgr		0.05	0.88	0.25	1	0.5	110	146	0.26
SA5112245	P-Mgs	PMgd		0.05	2.49	0.25	1	0.5	570	120	2.22
SA5112246	P-Mgs	PMyq	Abundant plant debris	0.05	0.22	0.25	1	2	25	91	0.05
SA5112247	M3gr	PMgr	Plant debris	0.05	0.61	1	2	8	170	159	0.26
SA5112248	M3gr	PMgr		0.05	0.10	0.25	1	0.5	25	52	0.05
SA5112249	P-Mgs	PMgr		0.2	1.03	-9	1	-9	-9	425	0.51
SA5112250	P-Mgs	PMgr		0.05	1.92	0.25	1	3	190	242	0.48
SA5112251	P-Mgs	PMgr		0.05	2.05	0.25	2	0.5	290	295	0.58
SA5112252	P-Mgs	PMgr	Strong H2S smell. Dropped twice	0.05	2.29	0.25	1	0.5	280	185	0.58
SA5112253	P-Mgs	PMgr		0.05	0.78	0.25	1	0.5	110	117	0.20
SA5112254	M3gr	PMgr		0.05	1.97	0.25	3	0.5	190	201	0.77
SA5112255	M3gr	PMgr	Plant debris. Poor sample	-9	1.03	-9	2	-9	-9	167	0.28
SA5112256	M3gr	PMgr	Abundant plant debris	0.05	0.96	0.25	1	0.5	130	179	0.40
SA5112257	M3gr	PMgr		0.05	1.46	0.25	2	0.5	140	159	0.60
SA5112258	M3gr	PMgr	Plant debris	0.05	0.19	0.25	1	0.5	70	107	0.05
SA5112259	P-Mgs	PMgr	Dropped twice	0.05	4.12	0.25	1	0.5	710	823	1.14
SA5112260	P-Mgs	PMmq		0.05	1.61	0.25	2	0.5	120	153	0.63
SA5112261	M3gr	PMgr	No sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112262	M3gr	PMgr	Plant debris	0.05	0.68	0.25	1	2	97	124	0.20
SA5112263	M3gr	PMmq	Plant debris	0.05	0.78	0.25	1	0.5	200	246	0.27
SA5112264	P-Mgs	PMmq		0.05	0.51	0.25	1	0.5	76	81	0.16
SA5112265	P-Msy	PMmq	Plant debris	0.05	1.80	0.25	1	2	220	266	0.50
SA5112266	P-Mgs	PMgr	Plant debris	0.05	1.27	0.25	1	0.5	150	180	0.43
SA5112267	P-Mgs	PMgr		0.05	0.15	0.25	1	2	54	84	0.05
SA5112268	P-Msy	PMgr		0.05	1.23	0.25	1	0.5	110	122	0.46
SA5112269	P-Msy	PMgr		0.05	1.06	0.7	1	0.5	220	262	1.11
SA5112270	P-Msy	PMgr		0.05	2.31	0.25	2	0.5	130	153	0.79
SA5112271	P-Mgs	PMgr		0.05	2.09	0.25	1	1	260	298	0.56
SA5112272	P-Msy	PMmd		0.05	0.27	0.5	1	2	96	126	0.05
SA5112273	P-Msy	PMmd		0.05	0.93	0.25	1	0.5	250	297	0.26
SA5112274	P3gm	P3Bgp		0.05	0.12	-9	1	-9	-9	33	0.05
SA5112275	P3gm	P3Bgp	Plant debris	0.05	0.37	0.25	1	0.5	58	55	0.05
SA5112276	P3gm	P3Bgp		0.05	0.75	0.25	1	0.5	68	74	0.23
SA5112277	P3gm	P3Bgp		0.05	0.22	-9	1	-9	-9	61	0.05
SA5112278	P3gm	P3Bgp		0.05	1.03	0.25	1	0.5	71	87	0.30
SA5112279	M3gr	PMmq	Plant debris	0.05	1.15	0.25	1	0.5	260	273	0.32
SA5112280	P3gm	P3Bgp		0.05	0.40	0.25	1	0.5	25	55	0.05
SA5112281	P3gm	P3Bgp	Burned terrain	0.05	0.08	0.25	1	0.5	25	40	0.05
SA5112282	P3sgn	P3Bgp	Burned terrain.Plant debris	0.05	1.60	0.25	3	0.5	84	94	0.40
SA5112283	P3gm	P3Bgp		0.05	0.77	0.25	3	0.5	93	106	0.49
SA5112284	M3gs	P3Cga	Dropped twice. Poor sample. Burned terrain	0.05	7.38	0.25	1	0.5	970	991	1.34
SA5112285	P3gm	P3Bgp	Burned terrain	0.1	0.30	0.25	1	0.5	130	153	0.05
SA5112286	M1lga	PMgr		0.05	0.50	0.25	1	0.5	66	82	0.05
SA5112287	M1lga	PMdr	Chopper suspension.	0.1	0.13	0.25	1	0.5	25	43	0.05
SA5112288	M1lga	PMgr	Dropped twice	0.05	0.51	0.25	1	0.5	25	53	0.13
SA5112289	M1lga	M1ln	Dropped twice. Plant debris	0.05	0.13	-9	1	-9	-9	87	0.05

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112290	M1lga	M1ln		0.05	1.10	0.25	1	0.5	190	226	0.20
SA5112291	M1lga	M1ln		0.05	2.74	0.9	2	0.5	400	465	0.79
SA5112292	M1lga	PMgr	Chopper suspension	0.05	0.10	0.25	1	0.5	59	58	0.05
SA5112293	M1lga	M1ln		0.05	1.43	0.25	1	0.5	140	205	0.37
SA5112294	P3gm	P3Bgp	Burned terrain	0.05	2.99	0.25	1	0.5	320	389	0.68
SA5112295	P3gm	P3Bgp	Burned terrain	0.05	1.57	0.25	3	0.5	120	134	0.43
SA5112296	P3gm	P3Bgp	Plant debris.Poorsample.Burned terrain	0.05	9.55	0.25	1	0.5	900	1233	2.05
SA5112297	P3gm	P3Bgp	No mud sample. Dropped thrice	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112298	P3gm	P3Bgp		0.05	0.14	0.6	1	0.5	25	33	0.05
SA5112299	P3gm	P3Bgp		0.05	1.37	0.25	1	0.5	180	228	0.36
SA5112300	P3gm	P3Bgp		0.05	0.91	-9	1	-9	-9	184	0.29
SA5112301	P3gm	P3Bgp		-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112302	P3gm	P3Bgp	Plant debris. Burned terrain	0.05	0.09	0.25	1	0.5	58	44	0.05
SA5112303	P3gm	P3Bgd		0.05	0.13	0.25	1	0.5	25	28	0.05
SA5112304	M1lga	PMdr		0.05	1.67	0.7	1	0.5	210	224	0.34
SA5112305	M1lga	PMam		0.05	1.69	0.25	1	0.5	200	229	0.33
SA5112306	P-Mgs	PMgr		0.05	2.22	0.25	1	0.5	180	197	0.60
SA5112307	P-Mgs	PMgr		0.05	0.07	0.25	1	0.5	91	98	0.05
SA5112308	P-Mgs	PMmq		0.05	0.56	0.25	1	0.5	54	82	0.13
SA5112309	P3gm	PMdr	Plant debris	0.05	0.10	0.25	1	0.5	25	38	0.05
SA5112310	P3gm	P3Bgp	Plant debris. Dropped twice	0.05	0.83	0.25	1	0.5	25	83	0.25
SA5112311	P3sgn	P3Asp	Dropped twice. Abundant plant debris	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112312	P-Mgs	PMgr	Chopper suspension	0.05	0.19	-9	1	-9	-9	71	0.05
SA5112313	P3gm	P3Bgr	Plant debris. Dropped twice	0.05	1.18	0.6	1	0.5	86	99	0.26
SA5112314	P3gm	P3Bgr		0.05	2.16	0.25	2	0.5	130	148	0.72
SA5112315	P3sgn	P3Asp		0.05	5.75	0.25	1	0.5	590	663	1.46
SA5112316	P3gm	P3Bgr	Plant debris	0.05	1.08	0.5	1	0.5	100	109	0.32
SA5112317	P3gm	P3Bgp	Plant debris .Burned terrain	0.05	0.13	0.25	1	0.5	73	73	0.05
SA5112318	P-Mgs	PMgr	No mud sample. Dropped twice	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112319	P-Mgs	PMgr	Plant debris	0.05	1.62	0.25	2	0.5	160	199	0.34
SA5112320	P-Mgs	PMgr		0.05	0.18	-9	1	-9	-9	102	0.05
SA5112321	P-Mgs	PMgr		0.05	0.23	-9	1	-9	-9	140	0.05
SA5112322	P-Mgs	PMgr	Plant debris	0.05	0.23	-9	1	-9	-9	142	0.05
SA5112323	P-Mgs	PMgr		0.05	0.91	0.25	1	0.5	200	246	0.24
SA5112324	P-Mgs	M1rg	Plant debris	0.05	1.66	0.25	1	0.5	300	243	0.31
SA5112325	P3gm	P3Bgp		0.05	0.18	0.5	1	0.5	88	85	0.05
SA5112326	P3gm	P3Bgp	Dropped twice	0.05	0.20	-9	1	-9	-9	88	0.05
SA5112327	P3gm	P3Bgd		0.05	1.46	0.25	1	0.5	150	160	0.37
SA5112328	P3gm	P3Bgr		0.05	1.90	0.9	2	0.5	150	167	0.53
SA5112329	P3sgn	P3Asp	Burned terrain. Plant debris	0.05	0.70	0.25	1	0.5	97	98	0.16
SA5112330	P3gm	P3Bgp		0.05	0.74	0.25	1	0.5	110	121	0.19
SA5112331	P3gm	P3Bgp	Dropped twice	0.05	0.97	0.25	1	0.5	110	107	0.28
SA5112332	P3gm	P3Bgp	Some burned terrain	0.05	1.01	0.25	1	0.5	79	87	0.29
SA5112333	P3gm	P3Bgp	Some burned terrain	0.05	1.56	0.25	1	0.5	130	168	0.38
SA5112334	P3sgn	P3Asp	Some peat material	0.05	0.50	0.25	1	0.5	63	76	0.15
SA5112335	P3gm	P3Bgp	Dropped twice	0.05	0.18	0.25	1	0.5	130	137	0.05
SA5112336	P3sgn	P3Asp		0.05	0.88	0.25	1	0.5	100	113	0.26
SA5112337	P3gm	P3Bgp	Dropped twice	0.05	0.20	0.25	1	0.5	25	62	0.05
SA5112338	P3sgn	P3Asp		-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112339	P3sgn	P3Asp		0.05	2.28	-9	3	-9	-9	472	0.74
SA5112340	P3gm	P3Bgp	Plant debris	0.05	0.84	0.25	1	2	87	92	0.22
SA5112341	P3sgn	P3Ass		0.05	0.19	-9	1	-9	-9	39	0.05
SA5112342	P3sgn	P3Asp		0.05	0.65	-9	1	-9	-9	95	0.18
SA5112343	P3sgn	P3Asp		0.05	2.33	0.25	1	0.5	160	179	0.74
SA5112344	P3sgn	P3Asp		0.05	0.96	0.25	1	0.5	82	91	0.26
SA5112345	P3sgn	P3Asp	Plant debris	0.05	0.53	0.25	1	0.5	61	76	0.16
SA5112346	P3sgn	P3Asp	Diseased trees	0.05	0.87	0.25	1	0.5	71	76	0.28

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112347	P3sgn	P3Asp		0.1	0.88	-9	1	-9	-9	108	0.55
SA5112348	P3sgn	P3Asp		0.05	3.37	0.8	1	0.5	110	136	1.40
SA5112349	P3sgn	P3Asp		0.05	1.85	0.25	1	0.5	270	329	0.75
SA5112350	P3sgn	P3Asp		0.05	1.89	0.25	1	0.5	180	44	0.51
SA5112351	P3sgn	P3Asp		0.05	1.06	0.25	1	0.5	150	171	0.36
SA5112352	P3sgn	P3Asp	Plant debris	0.05	0.36	0.25	1	0.5	56	80	0.23
SA5112353	P3sgn	P3Asp	Plant debris	0.05	1.49	0.25	1	0.5	170	210	0.38
SA5112354	P3sgn	P3Asp	Some tan yellow sediment	0.2	1.79	-9	1	-9	-9	157	0.57
SA5112355	P3sgn	P3Asp	Tan yellow speckles at base	0.05	3.08	0.25	1	0.5	600	629	1.13
SA5112356	P3sgn	P3Asp	Plant debris	0.05	0.12	0.25	1	0.5	59	40	0.05
SA5112357	P3sgn	P3Asp	Plant debris	0.05	0.08	0.25	1	2	25	36	0.05
SA5112358	P3sgn	P3Asp		0.05	0.19	0.25	1	0.5	53	48	0.05
SA5112359	P3sgn	P3Asp	Tan yellow speckles at base	0.05	3.44	0.25	1	0.5	500	595	1.20
SA5112360	P3gm	P3Asp		0.05	3.04	0.25	1	3	260	232	1.16
SA5112361	P3gm	P3Asp		0.05	1.57	0.25	1	0.5	53	130	0.66
SA5112362	P3gm	P3Bgp		0.05	1.30	0.25	1	0.5	110	126	0.48
SA5112363	P3gm	P3Bgp		0.05	1.18	0.25	1	0.5	83	97	0.32
SA5112364	P3gm	P3Bgp		0.05	2.66	0.25	2	0.5	160	189	1.07
SA5112365	P3gm	P3Asp	Plant debris	0.05	5.43	0.25	1	0.5	600	643	1.36
SA5112366	P3gm	P3Asp		0.05	1.70	0.25	1	0.5	150	169	0.52
SA5112367	P3sgn	P3Asp		0.05	2.47	0.25	1	0.5	170	166	0.83
SA5112368	P3sgn	P3Asp	Forest vs. Sparse	0.2	2.27	0.25	1	0.5	200	210	0.77
SA5112369	P3sgn	P3Asp	Plant debris. Poor sample	0.05	4.67	0.25	1	0.5	500	524	1.21
SA5112370	P3sgn	P3Asp		0.05	5.71	1	3	0.5	410	415	2.32
SA5112371	P3sgn	P3Asp		0.05	4.52	0.25	1	0.5	340	374	1.76
SA5112372	P3sgn	P3Asp	Barren area as well	0.05	0.20	-9	1	-9	-9	53	0.05
SA5112373	P3sgn	P3Asp	Plant debris	0.05	0.89	0.25	1	0.5	55	66	0.27
SA5112374	P3sgn	P3Asp		0.05	1.03	0.25	1	0.5	65	107	0.28
SA5112375	P3sgn	P3Asp		0.05	2.51	0.25	1	3	140	161	1.03
SA5112376	P3sgn	P3Asp	Minor suspended	0.05	0.76	0.25	1	0.5	95	114	0.22
SA5112377	P3sgn	P3Asp	Minor suspended	0.05	1.37	0.25	1	0.5	170	188	0.38
SA5112378	P3sgn	P3Ass		0.05	1.77	0.25	1	0.5	110	129	0.65
SA5112379	P3sgn	P3Asp	Minor suspended	0.05	0.73	0.25	1	0.5	89	102	0.19
SA5112380	P3sgn	P3Asp		0.05	1.79	0.25	1	0.5	170	173	0.67
SA5112381	P3sgn	P3Ass		0.05	0.11	0.25	1	0.5	51	42	0.05
SA5112382	P3gm	P3Asp		0.05	2.87	0.25	2	0.5	200	230	1.02
SA5112383	P3gm	P3Bgp		0.05	0.50	0.6	1	0.5	62	90	0.16
SA5112384	P3gm	P3Bgp		0.05	0.10	0.25	1	0.5	70	81	0.05
SA5112385	P3gm	P3Bgp	Minor suspended. Some clastic material, Dropped twice	0.05	3.47	0.25	1	0.5	420	448	0.86
SA5112386	P3gm	P3Bgp	Minor suspended.	0.05	1.70	0.25	1	0.5	150	172	0.72
SA5112387	P3sgn	P3Asp	Minor suspended	0.05	2.65	0.25	1	0.5	300	310	1.34
SA5112388	M3gs	M3Dgr		0.05	1.50	0.25	1	0.5	180	205	0.55
SA5112389	P3gm	P3Bgp	Minor suspended	0.05	0.11	0.25	1	0.5	25	85	0.05
SA5112390	M3gs	M3Dgr	Minor suspended. Abundant plant debris	0.05	0.74	0.25	1	0.5	98	139	0.31
SA5112391	M3gs	M3Dgr	Grey layer & some red material	0.8	5.37	1.1	3	0.5	380	498	2.15
SA5112392	P3gm	P3Bgp	Minor suspended	0.05	1.02	0.25	1	0.5	25	89	0.61
SA5112393	M3gs	M3Dgr		0.05	6.07	1.9	6	0.5	620	157	2.78
SA5112394	M3gs	M3Dgr	Hydrogen sulfide. Abundant suspended matter	0.05	1.57	0.25	1	0.5	190	235	0.52
SA5112395	P3gm	P3Bgd	No mud sample, Dropped 3 times	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112396	P3gm	P3Bgp		0.05	3.30	0.25	3	0.5	140	171	1.69
SA5112397	P3gm	P3Bgp		0.05	0.55	0.25	1	0.5	25	73	0.70
SA5112398	P3a	P3Bln		0.05	0.94	0.25	2	0.5	85	110	0.39
SA5112399	P3a	P3Bln		0.05	0.89	0.25	4	0.5	67	84	0.33
SA5112400	P3a	P3Bam		0.05	3.94	1.5	4	0.5	300	310	1.09
SA5112401	P3a	P3Bln		0.05	3.62	0.25	8	0.5	200	185	2.01
SA5112402	P3gm	P3Bgp		0.05	0.16	0.25	1	0.5	25	66	0.05
SA5112403	P3a	P3Bgp	Poor sample	0.05	5.68	0.6	1	0.5	450	468	2.10

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112404	P3a	P3Bln		0.05	2.31	0.25	4	0.5	200	235	1.02
SA5112405	P3a	P3Bgp		0.05	4.84	0.5	3	0.5	550	607	1.40
SA5112406	P3a	P3Bam		0.05	3.30	0.25	5	0.5	380	453	0.84
SA5112407	P3a	P3Bgp	Poor sample	0.05	6.64	0.5	1	0.5	500	547	1.86
SA5112408	P3a	P3Ban		0.05	2.90	0.25	1	0.5	330	388	0.67
SA5112409	P3a	P3Ban		0.05	0.14	0.25	1	0.5	25	30	0.05
SA5112410	P3gm	P3Bgp		0.05	0.12	0.25	1	0.5	25	36	0.05
SA5112411	P3gm	P3Bgr		0.05	2.08	0.25	2	0.5	220	216	0.44
SA5112412	P3gm	P3Bgr	Poor sample	0.05	2.63	-9	1	-9	-9	245	0.65
SA5112413	P3gm	P3Bgr		0.05	4.23	0.25	1	0.5	290	311	1.09
SA5112414	P3gm	P3Bgp		0.05	0.11	0.25	1	0.5	25	46	0.05
SA5112415	P3a	P3Ban	Plant debris	0.05	0.15	0.25	1	0.5	25	64	0.05
SA5112416	P3a	P3Ban	Peaty plant debris	0.05	0.16	0.25	1	0.5	25	41	0.05
SA5112417	P3gm	P3Bgp		0.05	0.22	-9	1	-9	-9	162	0.05
SA5112418	P3gm	P3Bgp		0.2	1.84	0.5	1	0.5	73	93	0.43
SA5112419	P3gm	P3Bgr	Plant debris	0.05	0.89	0.25	2	0.5	130	116	0.19
SA5112420	P3gm	P3Bgr		0.05	1.36	0.25	1	2	150	166	0.28
SA5112421	P3gm	P3Bgp		0.05	0.11	0.25	1	0.5	25	53	0.05
SA5112422	P3gm	P3Bgp		0.05	0.12	-9	1	-9	-9	50	0.05
SA5112423	P3gm	P3Bgp		0.05	0.14	-9	1	-9	-9	64	0.05
SA5112424	P3gm	P3Bgp	No mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112425	P3gm	P3Bgp		0.05	0.96	0.25	1	0.5	110	126	0.28
SA5112426	P3gm	P3Bgp		0.05	0.19	0.25	1	0.5	70	64	0.05
SA5112427	P3gm	P3Bgr	Some plant debris	0.05	0.15	-9	1	-9	-9	65	0.05
SA5112428	P3gm	P3Bgp		0.05	0.09	0.25	1	0.5	25	60	0.05
SA5112429	P3gm	P3Bgr		0.05	0.10	0.25	1	0.5	25	49	0.05
SA5112430	P3gm	P3Bgr		0.05	0.08	-9	1	-9	-9	55	0.05
SA5112431	P3gm	P3Bgr		0.05	0.72	0.25	1	0.5	110	106	0.16
SA5112432	P3gm	P3Bgr		0.05	0.19	0.25	1	0.5	76	93	0.05
SA5112433	P3gm	P3Bgr		0.05	0.15	-9	1	-9	-9	56	0.05
SA5112434	P3gm	P3Bgr		0.05	0.63	0.25	1	0.5	86	92	0.13
SA5112435	P3gm	P3Bgp	Some peat	0.05	0.17	0.25	1	0.5	63	91	0.05
SA5112436	P3gm	P3Bgd	Skunk smell	0.05	1.26	0.25	1	0.5	110	128	0.44
SA5112437	P3sgn	P3Asp		0.05	0.68	0.25	1	0.5	25	50	0.29
SA5112438	P3a	P3Bgd		0.05	1.63	0.25	1	0.5	140	181	0.62
SA5112439	P3sgn	P3Asp	Plant debris	0.05	2.02	0.25	1	0.5	170	188	0.68
SA5112440	P3sgn	P3Asp		0.05	1.66	0.6	1	0.5	100	106	0.71
SA5112441	P3gm	P3Bgd	First drop 22m, no sample	0.05	3.06	0.25	3	0.5	150	200	1.61
SA5112442	P3gm	P3Ass		0.05	0.72	0.5	1	0.5	130	156	0.26
SA5112443	P3gm	P3Bgd	Burned terrain	0.05	1.62	0.5	1	0.5	63	75	0.74
SA5112444	P3gm	P3Bgd	Burned terrain	0.05	1.15	0.6	1	0.5	120	128	0.39
SA5112445	P3gm	P3Bgr	Burned terrain	0.05	0.11	0.25	1	0.5	25	40	0.05
SA5112446	P3a	P3Ban		0.05	0.08	-9	1	-9	-9	39	0.05
SA5112447	P3a	P3Ban	Abundant Plant debris	0.05	0.18	0.25	1	2	78	74	0.05
SA5112448	P3a	P3Brg		0.05	0.11	0.25	1	0.5	25	46	0.05
SA5112449	P3a	P3Brg		0.05	0.23	-9	1	-9	-9	80	0.05
SA5112450	P3a	P3Bln		0.05	2.20	0.25	1	0.5	140	154	0.49
SA5112451	P3a	P3Ban		0.05	0.18	0.25	1	0.5	69	63	0.05
SA5112452	P3a	P3Ban		-9	1.62	-9	1	-9	-9	186	0.42
SA5112453	P3a	P3Bln		0.05	3.11	0.25	1	0.5	240	253	0.62
SA5112454	P3a	P3Ban		0.05	2.87	0.25	1	0.5	180	211	0.51
SA5112455	P3gm	P3Bgp		-9	0.46	0.25	1	0.5	55	87	0.11
SA5112456	P3a	P3Ban		0.05	0.10	-9	1	-9	-9	48	0.05
SA5112457	P3gm	P3Bgp		0.05	0.22	-9	1	-9	-9	46	0.05
SA5112458	P3gm	P3Bgp		0.05	0.08	0.25	1	0.5	25	23	0.05
SA5112459	P3gm	P3Bgp		0.05	0.14	0.25	1	0.5	25	45	0.05
SA5112460	P3gm	P3Bgp		0.05	1.27	0.25	2	0.5	78	104	0.39

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112461	P3sgn	P3Ass		0.05	0.18	0.6	1	0.5	25	44	0.05
SA5112462	P3sgn	P3Ass		0.05	0.09	0.25	1	0.5	25	28	0.05
SA5112463	P3sgn	P3Ass		0.05	1.42	0.6	1	0.5	98	128	0.40
SA5112464	P3gm	P3Bgr		0.05	1.36	0.25	1	0.5	110	143	0.35
SA5112465	P3gm	P3Bgp		0.05	1.69	0.25	1	0.5	110	148	0.45
SA5112466	P3sgn	P3Bgp		0.05	1.38	0.25	1	0.5	83	118	0.37
SA5112467	P3gm	P3Bgp		0.05	2.39	0.25	1	0.5	180	207	0.74
SA5112468	P3gm	P3Bgp	Fresh logging	0.05	0.89	0.25	1	0.5	79	108	0.22
SA5112469	P3gm	P3Bgr	Abundant plant debris, fresh logging	0.05	0.99	0.25	1	0.5	120	133	0.21
SA5112470	P3gm	P3Bgp	Abundant plant debris	0.05	4.95	0.25	1	0.5	640	731	1.10
SA5112471	P3gm	P3Bgr	Abundant Plant debris	0.05	0.23	-9	1	-9	-9	88	0.05
SA5112472	P3gm	P3Asp		0.05	0.83	0.25	1	2	130	134	0.17
SA5112473	P3ga	P3Crg		0.05	0.10	0.25	1	0.5	25	36	0.05
SA5112474	P3ga	P3Crg		0.05	0.14	0.25	1	0.5	25	45	0.05
SA5112475	P3sgn	P3Asp		0.05	0.11	0.25	1	0.5	25	25	0.05
SA5112476	P3gr	P3Cgp		0.05	0.17	-9	1	-9	-9	39	0.05
SA5112477	P3gr	P3Crg		0.05	0.07	-9	1	-9	-9	22	0.05
SA5112478	P3sgn	P3Ass		0.05	1.23	0.25	1	0.5	81	108	0.36
SA5112479	P3ga	P3Cgp		0.05	0.12	-9	1	-9	-9	32	0.05
SA5112480	P3gr	P3Asp		0.05	0.12	0.25	1	0.5	55	38	0.05
SA5112481	P3gr	P3Crg		0.05	0.14	-9	1	-9	-9	38	0.05
SA5112482	P3gr	P3Cgp		0.05	1.12	0.25	1	0.5	71	78	0.22
SA5112483	P3ga	P3Cag		0.05	0.09	-9	1	-9	-9	20	0.05
SA5112484	P3gr	P3Cag	Poor sample, dropped twice	0.05	0.95	0.25	1	0.5	25	44	0.15
SA5112485	P3gr	P3Cag	No mud sample, rocks on bottom	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112486	P3ga	P3Cag		0.05	0.92	0.25	1	0.5	25	47	0.13
SA5112487	P3ga	P3Crg	Smells boggy , abundant plant debris	0.05	2.04	0.25	1	0.5	130	168	0.23
SA5112488	P3ga	P3Crg	Some fine grain clastic, Abundant plant debris	-9	3.22	-9	1	-9	-9	533	0.66
SA5112489	P3gr	P3Cmz		0.05	0.18	-9	1	-9	-9	41	0.05
SA5112490	P3ga	P3Crg		0.05	0.68	0.25	1	0.5	25	37	0.05
SA5112491	P3ga	P3Crg		0.05	1.15	0.25	1	0.5	25	41	0.19
SA5112492	P3ga	P3Crg		0.05	0.17	0.25	1	0.5	25	39	0.05
SA5112493	P3gr	P3Cmz		0.05	0.14	-9	1	-9	-9	36	0.05
SA5112494	P3gr	P3Cmz		0.05	0.17	0.25	1	0.5	58	46	0.05
SA5112495	P3ga	P3Cmz		0.05	0.10	0.25	1	0.5	25	29	0.05
SA5112496	P3gr	P3Cmq		0.05	0.48	0.25	1	0.5	25	43	0.14
SA5112497	P3ga	P3Crg	Abundant plant debris	0.05	0.10	0.25	1	0.5	25	34	0.05
SA5112498	P3gr	P3Cmz		0.05	0.15	0.25	1	0.5	25	55	0.05
SA5112499	P3ga	P3Crg		0.05	0.12	-9	1	-9	-9	63	0.05
SA5112500	P3gr	P3Crg		0.05	0.31	-9	1	-9	-9	110	0.05
SA5112501	P3gr	P3Cga		0.05	0.10	0.25	1	0.5	25	30	0.05
SA5112502	P3gr	P3Cmq		0.05	0.11	0.25	1	0.5	25	42	0.05
SA5112503	P3ga	P3Crg		-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112504	P3ga	P3Crg		0.4	4.60	0.25	1	0.5	480	493	0.93
SA5112505	P3gr	P3Cmq		0.05	0.15	-9	1	-9	-9	47	0.05
SA5112506	P3gr	P3Cmq	Poor sample, andundant plant debris.	0.05	0.63	0.25	1	0.5	140	155	0.13
SA5112507	P3gm	P3Bgp	Chopper suspension	0.05	0.11	0.25	1	0.5	25	32	0.05
SA5112508	P3gm	P3Bgr		0.05	0.08	0.25	1	0.5	25	32	0.05
SA5112509	P3gm	P3Bgr	Plant debris	0.05	0.12	0.25	1	0.5	25	60	0.05
SA5112510	P3gr	P3Cmq		0.05	0.09	0.25	1	0.5	25	32	0.05
SA5112511	P3gm	P3Bgr	Gray/white sediment (Beige) with plant debris	0.05	1.17	0.25	1	0.5	110	124	0.31
SA5112512	P3gm	P3Bgr	Plant debris	0.05	0.10	0.25	1	0.5	25	40	0.05
SA5112513	P3gm	P3Bgr	Plant debris	0.05	0.08	0.25	1	0.5	25	32	0.05
SA5112514	P3gm	P3Bgp	Plant debris, chopper suspension	0.05	0.09	0.25	1	0.5	25	34	0.05
SA5112515	P3gm	P3Bgp		0.05	0.09	0.25	1	0.5	25	27	0.05
SA5112516	P3gr	P3Bgp	Plant debris	0.05	2.42	0.25	1	0.5	250	285	0.59
SA5112517	P3gm	P3Bgp		0.05	0.18	0.25	1	0.5	25	49	0.05

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112518	P3gr	P3Bgp		0.05	0.13	0.25	1	0.5	25	44	0.05
SA5112519	P3gr	P3Bgp		0.05	0.15	0.25	1	0.5	25	42	0.05
SA5112520	P3ga	P3Crg	Plant debris	0.05	0.11	0.25	1	0.5	25	36	0.05
SA5112521	P3ga	P3Crg		0.05	0.37	0.25	1	0.5	110	126	0.18
SA5112522	P3ga	P3Crg		0.05	0.13	0.25	1	0.5	25	36	0.05
SA5112523	P3ga	P3Crg		0.05	0.61	0.25	1	0.5	67	65	0.15
SA5112524	P3gr	P3Cmz		0.05	0.12	0.25	1	0.5	25	32	0.05
SA5112525	P3ga	P3Crg		0.05	0.17	0.25	1	0.5	25	37	0.05
SA5112526	P3ga	P3Crg		0.05	0.09	0.25	1	0.5	25	30	0.05
SA5112527	P3ga	P3Crg	Plant debris, chopper suspension	0.05	0.59	0.25	1	0.5	86	81	0.13
SA5112528	P3ga	P3Crg		0.05	0.16	-9	1	-9	-9	38	0.05
SA5112529	P3ga	P3Crg		0.05	0.10	-9	1	-9	-9	36	0.05
SA5112530	P3ga	P3Crg	Some ooze	0.05	0.15	0.25	1	0.5	25	40	0.05
SA5112531	P3ga	P3Crg	Plant debris	0.05	0.17	-9	1	-9	-9	46	0.05
SA5112532	P3ga	P3Crg	Plant debris	0.05	0.09	-9	1	-9	-9	30	0.05
SA5112533	P3ga	P3Crg		0.05	0.09	-9	1	-9	-9	28	0.05
SA5112534	P3ga	P3Crg	Plant debris	0.05	0.16	-9	1	-9	-9	46	0.05
SA5112535	P3ga	P3Crg		0.05	0.19	0.25	1	0.5	25	63	0.05
SA5112536	P3gr	P3Cgp		0.05	0.16	-9	1	-9	-9	48	0.05
SA5112537	P3ga	P3Crg		0.05	1.71	0.25	1	0.5	120	158	0.31
SA5112538	P3ga	P3Crg	Plant debris	0.05	0.25	0.25	1	0.5	25	44	0.05
SA5112539	P3ga	P3Crg		0.05	4.55	0.25	1	0.5	460	478	0.86
SA5112540	P3ga	P3Crg		0.05	5.21	0.25	1	0.5	600	615	1.10
SA5112541	P3sgn	P3Bgp		0.05	1.46	0.25	3	0.5	290	304	0.50
SA5112542	P3a	P3Bln		0.05	1.18	0.25	1	0.5	140	157	0.36
SA5112543	P3a	P3Bgr		0.05	2.83	0.25	1	0.5	310	338	0.97
SA5112544	P3a	P3Bln	Plant debris	0.05	0.12	0.25	1	0.5	25	44	0.05
SA5112545	P3a	P3Bln	Plant debris	0.05	0.08	0.25	1	1	25	28	0.05
SA5112546	P3a	P3Bln	Plant debris	0.05	0.20	0.25	1	0.5	25	68	0.05
SA5112547	P3a	P3Bln		0.05	1.36	0.6	1	0.5	110	135	0.58
SA5112548	P3gm	P3Bgp		0.05	5.75	0.25	1	0.5	700	703	1.80
SA5112549	P3gm	P3Bgp	Plant debris, burned terrain	0.05	3.01	0.25	1	0.5	320	355	0.93
SA5112550	P3gm	P3Bgp	Burned terrain	0.05	1.70	0.25	2	0.5	90	105	0.91
SA5112551	P3gm	P3Bgp		0.05	2.55	0.25	1	0.5	310	350	0.83
SA5112552	P3gm	P3Bgp		0.05	3.18	0.25	1	0.5	410	442	1.04
SA5112553	P3gm	P3Bgp	Plant debris, burned terrain	0.05	1.53	0.25	1	0.5	170	188	0.47
SA5112554	P3a	P3Bln		0.05	0.80	0.25	1	0.5	77	96	0.25
SA5112555	P3sgn	P3Asp	Burned terrain	0.05	2.01	0.6	2	0.5	150	175	0.76
SA5112556	P3gm	P3Bgp	Burned terrain	0.05	0.87	0.25	1	0.5	65	98	0.28
SA5112557	P3gm	P3Bgp	Burned terrain	0.05	1.31	0.25	2	0.5	94	119	1.51
SA5112558	P3gm	P3Bgp	Burned terrain	0.05	2.45	0.25	2	0.5	120	164	0.81
SA5112559	P3gm	P3Bgp	Burned terrain, dropped 3 times	0.05	8.11	0.25	1	0.5	1300	1063	2.00
SA5112560	P3gm	P3Bgp	Some choc. Brown ooze	0.05	7.41	0.25	1	0.5	910	903	2.21
SA5112561	P3gm	P3Bgp		0.05	0.29	0.25	1	0.5	25	52	0.05
SA5112562	P3a	P3Bam	No mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112563	P3gm	P3Bgp	Plant debris	0.05	2.61	0.25	1	0.5	250	296	0.65
SA5112564	P3gm	P3Bgp	Plant debris	0.05	2.93	0.25	1	0.5	300	376	0.69
SA5112565	P3gm	P3Asp	Some brown ooze	0.05	7.70	0.25	1	0.5	1100	1001	2.04
SA5112566	P3sgn	P3Asp	Lake too deep to reach bottom	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112567	P3sgn	P3Asp		0.05	1.59	0.25	1	0.5	92	134	0.44
SA5112568	P3sgn	P3Asp	Abundant plant debris, dropped twice	0.05	0.69	0.25	2	0.5	82	99	0.20
SA5112569	P3sgn	P3Asp	Plant debris	0.05	0.13	0.25	1	0.5	71	78	0.05
SA5112570	P3sgn	P3Bgp		0.05	2.31	0.25	1	0.5	120	155	0.69
SA5112571	P3sgn	P3Asp	Plant debris	0.05	0.26	-9	1	-9	-9	83	0.05
SA5112572	P3gm	P3Bgp		0.05	4.29	4.9	7	0.5	220	238	1.40
SA5112573	P3gm	P3Bgd	Plant debris	0.05	0.85	0.25	1	0.5	87	109	0.22
SA5112574	P3gm	P3Bmq	Plant debris	0.05	0.98	0.25	1	0.5	100	136	0.23

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112575	P3gm	P3Bln	Plant debris	0.05	1.27	0.25	1	0.5	180	243	0.28
SA5112576	P3gm	P3Bgp	White beige color brown ooze top layer	0.05	1.65	0.25	1	0.5	57	91	0.43
SA5112577	P3gm	P3Bgr		0.05	1.33	1.2	1	0.5	100	150	0.31
SA5112578	P3gm	P3Bgp		0.05	0.86	0.9	1	0.5	120	140	0.22
SA5112579	P3gm	P3Bgp	Plant debris	0.05	0.57	0.25	1	0.5	83	111	0.16
SA5112580	P3gm	P3Bgp		0.05	0.74	0.25	1	0.5	160	197	0.25
SA5112581	P3gm	P3Bgp		0.05	0.15	0.25	1	0.5	88	107	0.05
SA5112582	P3gm	P3Bgp		0.05	0.13	0.25	1	0.5	63	68	0.05
SA5112583	P-Msy	PMmq		0.05	1.98	0.5	3	0.5	240	266	0.58
SA5112584	P-Msy	PMgr		0.05	0.16	-9	1	-9	-9	55	0.05
SA5112585	P-Msy	PMgr	Plant debris	-9	0.19	-9	1	-9	-9	87	0.05
SA5112586	P-Msy	PMgr		0.05	0.17	0.25	1	0.5	220	248	0.05
SA5112587	P-Msy	PMgr		0.05	3.64	0.25	2	0.5	530	569	0.93
SA5112588	P-Msy	PMmd		0.05	0.65	0.25	1	0.5	160	185	0.28
SA5112589	P-Mgs	PMgr	Plant debris	0.05	0.92	0.25	1	0.5	150	186	0.24
SA5112590	P-Msy	PMgr		0.05	0.70	0.6	1	0.5	98	138	0.23
SA5112591	P-Msy	PMgr		0.05	0.17	0.25	1	0.5	25	57	0.05
SA5112592	P-Msy	P3Bgr		0.05	0.82	0.25	1	0.5	110	121	0.20
SA5112593	P3gm	P3Bmq		0.05	0.61	0.25	3	0.5	150	165	0.21
SA5112594	M1lga	P3Bgr		0.05	0.18	0.25	1	2	96	109	0.05
SA5112595	P3gm	P3Bgp		0.05	1.20	0.7	1	0.5	90	109	0.33
SA5112596	P3sgn	P3Asp		0.05	1.28	0.25	1	0.5	110	125	0.34
SA5112597	P3gm	P3Bgp		0.05	1.14	0.25	1	0.5	71	102	0.33
SA5112598	P3sgn	P3Bgp		0.05	3.23	0.25	1	0.5	200	252	1.12
SA5112599	P3gm	P3Bmq	Plant debris	0.05	0.92	0.25	1	0.5	76	119	0.23
SA5112600	P3gm	P3Bmq		0.05	0.92	0.25	1	1	99	114	0.22
SA5112601	M1lga	P3Bgp		0.05	1.53	0.25	1	0.5	140	170	0.41
SA5112602	P3gm	P3Bgp	Gray material at base	0.05	2.90	0.25	2	0.5	460	304	0.76
SA5112603	P3gm	P3Bam		0.05	0.81	0.25	1	0.5	97	124	0.22
SA5112604	P3gm	P3Bam	Weeds, no mud sample	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112605	P3gm	P3Bdr		0.05	1.80	0.25	1	0.5	190	216	0.61
SA5112606	P3gm	P3Bgp	Brown top layer, gray bottom half	0.05	6.48	0.25	2	0.5	810	863	1.57
SA5112607	P3gm	P3Bgp		0.05	2.21	0.25	3	0.5	260	293	0.77
SA5112608	M1lga	P3Bgp	Gray lower quarter	0.05	1.89	0.25	2	0.5	130	144	0.84
SA5112609	M1lga	P3Asp		0.05	3.53	0.7	4	0.5	270	304	1.99
SA5112610	P3gm	P3Bgp		0.05	2.08	0.25	1	1	270	318	0.66
SA5112611	P3gm	P3Bgr		0.05	1.26	0.25	1	0.5	100	117	0.35
SA5112612	P3gr	P3Cga		0.05	0.12	-9	1	-9	-9	34	0.05
SA5112613	P3gr	P3Cga	Water sample only. Waves too high for mid lake	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112614	P3gr	P3Cgp		0.05	0.30	-9	1	-9	-9	86	0.05
SA5112615	P3gr	P3Cgp		0.05	0.17	-9	1	-9	-9	51	0.05
SA5112616	P3ga	P3Crg		0.05	4.79	0.25	1	0.5	450	496	0.93
SA5112617	P3ga	P3Crg		0.05	0.24	-9	1	-9	-9	81	0.05
SA5112618	P3ga	P3Crg		0.05	0.12	0.25	1	0.5	25	44	0.05
SA5112619	P3gr	P3Cgp		0.05	0.16	0.25	1	0.5	25	43	0.05
SA5112620	P3gr	P3Cga		0.05	0.37	-9	1	-9	-9	68	0.05
SA5112621	P3gr	P3Cgp		0.05	0.17	-9	1	-9	-9	40	0.05
SA5112622	P3gr	P3Cgp	Poor sample. High waves on lake	0.05	7.21	-9	1	-9	-9	991	1.58
SA5112623	P3gr	P3Cgp	Some dark fragments	0.05	6.79	0.25	1	0.5	1000	969	1.69
SA5112624	P3gr	P3Cgp		0.05	0.13	0.25	1	1	25	38	0.05
SA5112625	P3ga	P3Crg		0.05	0.18	-9	1	-9	-9	47	0.05
SA5112626	P3ga	P3Crg		0.05	0.13	0.25	1	0.5	25	34	0.05
SA5112627	P3ga	P3Crg	Some tan brown coloration	0.05	0.97	0.25	1	0.5	25	44	0.16
SA5112628	P3ga	P3Crg		0.05	1.94	0.25	1	0.5	200	216	0.37
SA5112629	P3ga	P3Crg	Plant debris	0.05	3.88	0.25	1	0.5	410	442	0.80
SA5112630	P3gr	P3Cga	Plant debris	0.05	0.21	0.25	1	0.5	64	66	0.15
SA5112631	P3gr	P3Asp		0.05	0.08	0.25	1	0.5	25	29	0.05

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112632	P3gr	P3Cga	Plant debris	0.05	0.09	0.25	1	0.5	25	26	0.05
SA5112633	P3gr	P3Bgp		0.05	0.14	0.25	1	0.5	57	46	0.05
SA5112634	P3gr	P3Cga	Plant debris	0.05	0.12	0.25	1	0.5	25	41	0.05
SA5112635	P3gm	P3Bgp	Water only	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112636	P3gm	P3Bgp		0.05	4.56	0.25	1	0.5	540	665	1.06
SA5112637	P3gm	P3Bgp		0.05	0.10	0.25	1	0.5	25	32	0.05
SA5112638	P3gm	P3Bgp	Plant debris	0.05	0.18	-9	1	-9	-9	50	0.05
SA5112639	P3sgn	P3Asp	Plant debris	0.05	0.12	0.25	1	0.5	54	63	0.05
SA5112640	P3gm	P3Asp		0.05	0.23	-9	1	-9	-9	63	0.05
SA5112641	P3gm	P3Bgp		0.05	0.09	-9	1	-9	-9	67	0.05
SA5112642	P3gm	P3Bgr	Plant debris	0.05	0.06	0.25	1	0.5	25	30	0.05
SA5112643	P3gm	P3Bgp		0.05	0.15	0.25	1	0.5	59	71	0.05
SA5112644	P3gm	P3Bgp		0.05	0.10	0.25	1	0.5	25	34	0.05
SA5112645	M3gr	P3Asp		0.05	0.10	0.5	1	0.5	25	33	0.05
SA5112646	M3gr	P3Asp		0.05	0.09	0.25	1	0.5	25	32	0.05
SA5112647	M3gr	P3Cga		0.05	0.07	0.25	1	0.5	25	37	0.05
SA5112648	M3gr	P3Cga		0.05	0.10	0.25	1	0.5	25	29	0.05
SA5112649	M3gr	P3Asp		0.05	0.09	0.7	1	2	25	37	0.05
SA5112650	P3gm	P3Bgp		0.05	0.10	0.25	1	0.5	25	36	0.05
SA5112651	P3gm	P3Bgp	Some peat	0.05	0.09	0.25	1	0.5	25	40	0.05
SA5112652	P3gm	P3Bgp	Some peat	0.05	0.06	0.25	1	0.5	25	24	0.05
SA5112653	P3gm	P3Bgp		0.05	0.25	-9	1	-9	-9	70	0.05
SA5112654	P3sgn	P3Ass		0.05	7.45	0.25	1	0.5	1300	1093	1.85
SA5112655	P3sgn	P3Bgp		0.05	5.58	0.25	1	0.5	740	784	1.24
SA5112656	P3gm	P3Bgp	~400m from road	0.05	0.19	0.25	1	0.5	52	57	0.05
SA5112657	P3gm	P3Bgp	~100m from road, Some peat	0.05	0.18	0.25	1	0.5	54	66	0.05
SA5112658	P3sgn	P3Asp	Some peat	0.05	0.14	0.25	1	1	25	44	0.05
SA5112659	P3sgn	P3Asp		0.05	0.06	0.25	1	0.5	25	70	0.05
SA5112660	P3sgn	P3Asp		0.05	0.09	0.25	1	0.5	25	25	0.05
SA5112661	P3gm	P3Bgd		0.05	1.15	0.25	1	1	140	148	0.29
SA5112662	P3gm	P3Bgp		0.05	0.32	0.25	1	1	25	45	0.10
SA5112663	P3sgn	P3Asp		0.05	0.09	0.25	1	0.5	25	30	0.05
SA5112664	P3gm	P3Asp		0.05	0.14	-9	1	-9	-9	39	0.05
SA5112665	P3sgn	P3Asp		0.05	3.40	0.25	1	0.5	410	471	0.80
SA5112666	P3sgn	P3Asp	Plant debris	0.05	0.25	-9	1	-9	-9	72	0.05
SA5112667	P3gdn	P3Bgr	Plant debris(wood chips)	0.05	0.12	0.25	1	0.5	25	51	0.05
SA5112668	P3gm	P3Bgr		0.05	0.14	0.5	1	0.5	25	49	0.05
SA5112669	P3gm	P3Bgp	Main brook area	0.05	8.01	0.25	1	0.5	1200	1319	2.68
SA5112670	P3gr	P3Cmq		0.05	3.12	0.6	3	0.5	250	262	0.78
SA5112671	P3ga	P3Cmq	Plant debris	0.05	0.11	0.25	1	0.5	25	47	0.05
SA5112672	P3gm	P3Bgr	Plant debris	0.05	0.14	0.25	1	0.5	25	42	0.05
SA5112673	P3ga	P3Cmq	Water only, very rocky bottom	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112674	P3ga	P3Crg	Minor plant debris	0.05	0.13	0.25	1	0.5	25	38	0.05
SA5112675	P3gm	P3Bgr	Swampy creek, water only	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112676	P3gdn	P3Bgr		0.05	0.38	0.25	1	0.5	73	80	0.18
SA5112677	P3gdn	P3Bgd	Poor sample	0.05	4.43	0.6	1	0.5	560	642	1.04
SA5112678	P3gdn	P3Asp		0.05	0.72	0.5	2	0.5	110	122	0.18
SA5112679	P3gdn	P3Bgd	No depth, Plant debris	0.05	0.26	0.9	1	0.5	61	70	0.05
SA5112680	P3gdn	P3Bgr		0.05	0.10	0.25	1	0.5	25	49	0.05
SA5112681	P3sgn	P3Bgd		0.05	4.98	0.25	1	0.5	650	719	1.10
SA5112682	P3gdn	P3Asp	Some peat	0.05	0.63	0.25	1	0.5	54	72	0.22
SA5112683	P3gm	P3Asp		0.05	0.14	0.25	1	0.5	25	53	0.05
SA5112684	P3gm	P3Asp		0.05	1.09	0.25	1	0.5	150	162	0.37
SA5112685	P3sgn	P3Bgd	Abundant plant debris	0.05	0.23	0.25	1	0.5	58	66	0.05
SA5112686	P3sgn	P3Bgp		0.05	0.22	0.25	1	0.5	53	54	0.05
SA5112687	P3sgn	P3Bgd		0.05	0.58	0.25	1	0.5	61	90	0.36
SA5112688	P3sgn	P3Asp		0.05	0.90	0.25	1	0.5	120	146	0.36

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112689	P3sgn	P3Bgr		0.05	0.31	0.25	1	0.5	25	57	0.05
SA5112690	P3sgn	P3Bgd	Plant debris, chopper suspension	0.05	0.48	0.25	1	0.5	300	389	0.29
SA5112691	P3sgn	P3Bgr		0.05	0.24	0.25	1	0.5	55	73	0.14
SA5112692	P3gdn	P3Bgr		0.05	3.25	1	1	0.5	420	476	0.51
SA5112693	P3gdn	P3Asp	Plant debris	0.05	3.20	0.25	1	0.5	550	597	0.73
SA5112694	P3sgn	P3Bgp	Poor sample	0.05	3.05	0.25	1	0.5	430	476	0.84
SA5112695	P3sgn	P3Bgp		0.05	1.10	0.25	1	0.5	380	460	1.05
SA5112696	P3sgn	P3Bgp	Plant debris	0.05	0.31	0.25	1	0.5	70	97	0.05
SA5112697	P3gm	P3Ban	Plant debris	0.05	0.85	0.25	1	2	83	99	0.32
SA5112698	P3gm	P3Bgd		0.05	0.14	0.25	1	0.5	25	56	0.05
SA5112699	P3gm	P3Bgd	Some peat	0.05	0.23	0.25	1	0.5	25	63	0.12
SA5112700	P3gm	P3Bgd		0.05	0.19	0.25	1	0.5	25	45	0.05
SA5112701	P3gm	P3Bgd		0.05	7.10	0.25	1	0.5	1000	1060	1.44
SA5112702	P3gm	P3Bgp		0.05	0.72	0.25	1	0.5	95	122	0.19
SA5112703	P3gm	P3Bgr	Plant debris	0.05	0.25	0.25	1	0.5	25	65	0.05
SA5112704	P3gm	P3Bgp		0.1	0.36	0.25	1	0.5	25	38	0.15
SA5112705	P3gm	P3Bgp		0.05	0.61	0.25	1	0.5	73	86	0.24
SA5112706	P3gm	P3Bgp	Some peat	0.05	0.34	0.25	1	0.5	25	46	0.10
SA5112707	P3gm	P3Bgp	Poor sample, disturbed sediment, Plant debris	0.05	0.20	-9	1	-9	-9	64	0.05
SA5112708	P3gm	P3Bgp	Plant debris	0.05	0.09	0.25	1	1	25	43	0.05
SA5112709	P3gm	P3Bgp		0.05	1.49	0.25	1	0.5	170	209	0.38
SA5112710	P3gm	P3Bgp	Some ooze	0.05	1.34	0.25	1	0.5	140	169	0.34
SA5112711	P3gm	P3Bgp		0.05	7.26	0.25	1	0.5	1100	1135	1.55
SA5112712	P3gm	P3Bgp		0.05	0.64	0.25	1	0.5	64	85	0.17
SA5112713	P3gm	P3Bgd		0.05	5.33	-9	1	-9	-9	488	3.53
SA5112714	P3gm	P3Ban		0.05	0.36	0.25	1	0.5	25	41	0.25
SA5112715	P3gm	P3Bgd		0.05	5.84	0.25	1	0.5	840	939	1.20
SA5112716	P3gm	P3Asp		0.05	0.46	0.25	2	0.5	110	124	0.26
SA5112717	P3gm	P3Bgd		0.05	1.20	0.25	1	0.5	150	150	0.55
SA5112718	P3gm	P3Bgr		0.05	1.65	0.25	1	0.5	140	161	0.37
SA5112719	P3gm	P3Bgp	Composition; white & gray with black coarse grain speckles	0.05	2.38	0.25	1	0.5	180	223	0.50
SA5112720	P3gm	P3Bgd		0.05	0.44	0.25	1	0.5	55	56	0.17
SA5112721	P3gm	P3Bgd		0.05	3.68	0.25	1	0.5	550	636	0.76
SA5112722	P3gm	P3Bgd		0.05	0.44	0.25	1	0.5	90	103	0.14
SA5112723	P3a	P3Bgr		0.05	0.26	0.25	1	1	150	172	0.18
SA5112724	P3gm	P3Bgp		0.05	1.75	0.6	1	0.5	170	175	0.44
SA5112725	P3gm	P3Bgp		0.05	0.50	0.9	1	0.5	75	75	0.17
SA5112726	P3gm	P3Bgp		0.05	0.92	0.9	1	1	69	79	0.33
SA5112727	P3gm	P3Asp	No mud sample, too planty	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112728	P3sgn	P3Asp		0.05	1.35	0.25	1	0.5	180	195	0.38
SA5112729	P3sgn	P3Asp	No mud sample, too planty	-9	-9.00	-9	-9	-9	-9	-9	-9.00
SA5112730	P3gdn	P3Bgr		0.05	1.03	0.25	1	0.5	88	122	0.52
SA5112731	P3sgn	P3Bgd		0.05	0.17	0.25	1	0.5	25	45	0.05
SA5112732	P3gm	P3Asp		0.05	0.27	0.7	1	0.5	25	57	0.12
SA5112733	P3gm	P3Bgp		0.05	0.67	0.25	1	0.5	87	106	0.20
SA5112734	P3gm	P3Bgp		0.05	0.48	0.25	1	0.5	100	108	0.14
SA5112735	P3gm	P3Bgp	Dropped twice	0.05	0.60	0.25	1	1	88	98	0.20
SA5112736	P3gm	P3Asp	Minor suspension	0.05	1.19	0.5	1	0.5	110	143	0.44
SA5112737	P3gm	P3Bgp		0.05	0.33	0.25	3	0.5	77	73	0.10
SA5112738	P3sgn	P3Bgd	Poor sample, dropped three times	0.05	6.63	0.6	1	0.5	950	959	1.76
SA5112739	P3gdn	P3Bgd		0.05	1.37	0.25	1	2	78	189	0.32
SA5112740	P3gdn	P3Bgd	Minor suspension	0.05	0.61	0.25	1	0.5	150	89	0.14
SA5112741	P3gdn	P3Bgd	Plant debris	0.05	0.60	0.6	1	0.5	71	84	0.18
SA5112742	P3gm	P3Bgd		0.05	0.64	0.5	1	0.5	69	88	0.17
SA5112743	P3gm	P3Bgd		0.05	4.36	0.6	2	0.5	330	413	0.95
SA5112744	P3gm	P3Bgd	Abundnant plant debris	-9	0.70	-9	1	-9	-9	125	0.19
SA5112745	P3gm	P3Bgd	Greenish tint, minor suspension	-9	1.02	-9	5	-9	-9	83	0.27

FldNum	1M_Lith	100K_Lith	Comments	Ag6_ppm	Al2_pct	As1_ppm	As2_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm	Be2_ppm
SA5112746	P3gdn	P3Bgd	Dropped twice	0.05	1.61	0.25	1	0.5	200	225	0.41
SA5112747	P3gdn	P3Bgd	Minor suspension	0.05	7.27	0.25	1	0.5	1100	1066	1.48
SA5112748	P3gm	P3Bgp	Minor suspension	0.05	0.42	0.25	1	0.5	77	114	0.05
SA5112749	P3gdn	P3Bgp	Minor suspension	0.05	1.84	0.25	1	0.5	200	222	0.46
SA5112750	P3gdn	P3Bgr		0.05	0.41	0.25	3	0.5	66	88	0.13
SA5112751	P3gdn	P3Bgr		0.05	0.35	0.25	1	1	52	60	0.13
SA5112752	P3gdn	P3Bgr		0.05	0.22	0.25	1	0.5	76	78	0.12
SA5112753	P3gdn	P3Bgr	Plant debris	0.05	0.43	0.25	1	0.5	75	103	0.14
SA5112754	P3gdn	P3Bgd		0.05	7.63	0.25	1	0.5	1200	1181	1.56
SA5112755	P3gdn	P3Bgd		0.05	1.36	0.25	1	0.5	190	236	0.38
SA5112756	P3gm	P3Bgd		0.05	0.22	0.25	1	0.5	25	48	0.05
SA5112757	P3gm	P3Bgp	Abundant plant debris	0.05	1.00	0.25	1	0.5	120	139	0.28
SA5112758	P3gm	P3Bgp		0.3	1.52	0.25	1	0.5	200	194	0.44
SA5112759	P3gm	P3Bgp		0.05	0.20	0.25	1	0.5	79	92	0.05
SA5112760	P3gm	P3Bgp		0.05	1.72	0.6	1	0.5	190	239	0.37
SA5112761	P3gm	P3Bgd		-9	0.54	-9	1	-9	-9	204	0.13
SA5112762	P3gm	P3Bgp	Minor suspension	0.05	0.26	0.25	1	0.5	65	78	0.05
SA5112763	P3gm	P3Bgd		0.05	0.79	0.6	1	0.5	110	146	0.23
SA5112764	P3gm	P3Bgd	Minor suspension	0.05	4.50	-9	1	-9	-9	864	0.97
SA5112765	P3gdn	P3Bgd	Dropped twice, plant debris	0.05	7.13	0.25	1	3	1200	1258	1.54
SA5112766	P3gdn	P3Bgr		0.05	0.28	0.25	1	2	25	59	0.05
SA5112767	P3gm	P3Bgr		0.05	0.09	0.25	1	0.5	25	22	0.05
SA5112768	P3gdn	P3Bgr		0.05	0.09	0.25	1	0.5	25	41	0.05
SA5112769	P3gdn	P3Bgd		0.05	0.21	0.25	1	0.5	57	69	0.05
SA5112770	P3gdn	P3Bgr		0.05	0.18	0.25	1	1	60	63	0.05
SA5112771	P3a	P3Bgp		0.05	1.43	0.25	1	0.5	250	294	0.32
SA5112772	P3gm	P3Bgp		0.05	8.23	0.25	1	0.5	1400	1271	1.84
SA5112773	P3gm	P3Bgd	Dropped twice	0.05	3.43	-9	1	-9	-9	603	0.65
SA5112774	P3gdn	P3Bgr		0.05	0.22	0.25	1	0.5	77	81	0.05
SA5112775	P3gm	P3Bgd		0.05	1.53	0.25	1	0.5	200	259	0.28
SA5112776	M1lga	P3Bgp	Dropped twice, abundant plant debris	0.05	0.16	0.6	1	0.5	140	53	0.05
SA5112777	P3gm	P3Bmq		0.05	3.30	-9	6	-9	-9	156	1.31
SA5112778	M1lga	P3Bdr		0.05	3.35	0.25	5	0.5	130	147	1.84
SA5112779	P3gm	P3Bdr		0.05	1.24	0.25	1	0.5	120	135	0.39
SA5112780	P3gm	P3Asp	Minor suspension	0.05	1.00	0.25	1	0.5	71	102	0.45
SA5112781	M1lga	P3Bgd		0.05	2.54	0.25	3	0.5	280	358	1.49
SA5112782	P3gm	P3Bgd	Dropped twice	0.05	4.21	0.25	1	0.5	410	460	1.68
SA5112783	P3a	P3Bdr		0.05	1.55	0.25	3	0.5	110	142	0.76
SA5112784	M1lga	P3Bgd		0.05	7.18	0.25	3	0.5	990	981	2.21
SA5112785	P3sgn	P3Bdr		0.05	0.56	0.25	1	0.5	83	66	0.65
SA5112786	P3gm	P3Ass		0.05	0.51	0.25	1	0.5	85	71	0.24
SA5112787	P3gm	P3Bdr	Dropped three times, poor sample	0.05	7.90	-9	1	-9	-9	876	2.95
SA5112788	P3a	P3Bdr	Dropped twice	0.05	5.57	0.25	1	0.5	440	485	2.42

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5111891	31	0.24	0.2	36	50	1	2	5	4	0.25	11	3.2	0.25	0.1	0.23	0.5	0.10	23	33
SA5111892	26	0.28	0.2	44	60	1	2	5	6	0.25	8	2.9	0.25	0.2	0.24	1	0.22	26	36
SA5111893	28	0.80	0.1	140	167	1	2	14	6	0.25	8	15.1	2.1	0.6	0.80	1	0.24	60	79
SA5111894	37	0.86	0.2	130	152	4	6	18	13	0.25	13	6.8	1.4	1.0	1.23	3	0.85	56	70
SA5111895	27	0.30	0.1	72	82	1	3	11	6	0.25	8	3.4	0.25	0.6	0.75	2	0.21	35	47
SA5111896	51	0.31	0.2	1.5	2	2	0.5	5	2	0.25	1	0.05	0.25	0.2	0.22	0.5	0.03	0.5	1
SA5111897	17	1.11	0.2	130	147	3	6	14	11	0.25	13	5.1	0.9	1.0	1.25	3	0.55	69	84
SA5111898	22	0.73	0.2	100	115	2	4	14	12	0.25	8	4.5	1.3	0.7	0.85	4	0.58	55	66
SA5111899	36	1.14	0.2	140	144	7	7	18	11	0.25	7	5.3	1.3	1.5	1.75	0.5	0.18	68	80
SA5111900	40	0.18	0.1	1.5	4	2	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.11	0.5	0.03	3	3
SA5111901	61	0.51	0.2	240	249	5	2	5	12	0.25	19	9.4	1.6	0.6	0.70	0.5	0.07	110	132
SA5111902	44	0.46	0.2	110	119	4	4	18	13	0.25	16	5.2	0.25	0.7	0.82	2	0.27	55	67
SA5111903	33	0.15	0.1	16	14	3	0.5	5	2	0.25	2	0.2	0.25	0.3	0.31	0.5	0.03	8	9
SA5111904	26	1.01	0.1	120	124	4	7	19	13	0.25	6	6.8	1.4	1.2	1.28	16	1.22	51	58
SA5111905	33	0.42	0.1	100	98	2	4	5	11	0.25	8	5.1	0.8	0.5	0.61	3	0.46	46	55
SA5111906	38	0.14	0.1	110	112	2	1	20	4	0.25	6	3.9	1.3	0.4	0.43	0.5	0.14	57	68
SA5111907	15	1.63	0.3	364	321	18	23	72	47	1.7	57	15.4	4.1	4.8	4.83	9	2.60	203	194
SA5111908	34	0.62	0.2	88	86	4	3	5	8	0.25	10	3.7	1.2	0.5	0.60	2	0.22	39	47
SA5111909	32	0.37	0.2	70	80	4	3	5	6	0.25	8	4.1	0.25	0.4	0.50	0.5	0.21	32	41
SA5111910	33	0.30	0.1	66	75	1	0.5	5	2	0.25	4	3.5	0.25	0.2	0.28	0.5	0.04	31	42
SA5111911	35	0.35	0.1	120	140	3	4	12	7	0.25	8	5.0	0.9	0.9	1.17	0.5	0.19	58	77
SA5111912	33	0.17	0.1	21	24	2	0.5	5	7	0.25	4	0.5	0.25	0.4	0.53	0.5	0.03	11	15
SA5111913	59	0.15	0.2	94	88	3	2	5	7	0.25	10	3.4	0.25	0.2	0.21	0.5	0.13	43	51
SA5111914	37	0.37	0.2	200	183	3	4	13	9	0.25	16	5.1	1.3	0.6	0.68	1	0.23	92	105
SA5111915	34	0.39	0.1	81	75	3	2	5	5	0.25	9	2.1	1.1	0.4	0.36	1	0.24	39	47
SA5111916	38	0.19	0.2	54	64	3	2	5	6	0.25	10	2.8	0.25	0.3	0.27	0.5	0.14	33	41
SA5111917	43	0.25	0.2	190	197	3	3	16	9	0.25	19	9.2	1.4	1.0	1.08	0.5	0.08	94	115
SA5111918	9	1.69	0.2	306	283	15	19	51	29	0.6	31	11.2	2.9	2.9	3.14	8	3.07	145	150
SA5111919	64	0.37	0.3	200	223	3	3	21	10	0.25	22	12.9	1.7	0.6	0.63	0.5	0.07	92	119
SA5111920	63	0.51	0.2	1500	1491	1	8	160	37	0.25	96	103.5	13.0	1.8	1.74	0.5	0.06	757	831
SA5111921	38	0.19	0.2	54	67	2	1	5	4	0.25	11	5.1	0.7	0.1	0.14	0.5	0.07	32	43
SA5111922	27	0.29	0.05	38	44	2	2	5	5	0.25	8	2.1	0.25	0.3	0.43	0.5	0.13	20	27
SA5111923	38	0.58	0.2	93	93	3	3	5	7	0.25	14	4.1	0.6	0.6	0.73	2	0.18	44	54
SA5111924	42	0.67	0.2	140	133	4	4	5	6	0.6	12	5.1	1.1	0.6	0.62	2	0.28	71	83
SA5111925	39	0.57	0.2	120	127	3	4	14	8	0.25	16	5.4	0.8	0.7	0.82	0.5	0.16	55	69
SA5111926	17	0.33	0.05	26	30	1	3	5	6	0.25	4	1.3	0.6	0.3	0.31	3	0.54	12	16
SA5111927	60	0.30	0.3	130	142	4	3	5	7	0.25	14	5.2	1.2	0.6	0.68	0.5	0.09	64	83
SA5111928	28	0.37	0.1	65	75	3	3	5	7	0.25	8	2.9	0.25	0.5	0.57	2	0.27	31	42
SA5111929	36	0.15	0.1	65	71	1	1	5	5	0.25	9	3.5	0.25	0.2	0.21	0.5	0.12	31	40
SA5111930	28	0.15	0.1	17	17	1	0.5	5	2	0.25	2	0.2	0.25	0.3	0.26	0.5	0.01	8	10
SA5111931	46	0.25	0.1	130	124	4	2	13	9	0.25	10	3.2	1.0	0.5	0.54	1	0.25	63	75
SA5111932	29	0.19	0.1	67	66	2	1	5	3	0.25	6	1.4	0.25	0.3	0.32	1	0.03	36	45
SA5111933	22	1.45	0.1	85	86	2	5	14	12	0.25	7	4.1	0.7	0.9	1.02	6	0.94	42	49
SA5111934	30	0.29	0.1	44	45	1	2	5	6	0.25	8	1.6	0.25	0.3	0.35	0.5	0.30	19	26
SA5111935	23	0.41	0.2	91	100	2	4	13	11	0.25	12	4.6	0.8	0.6	0.74	2	0.33	43	56
SA5111936	30	0.19	0.05	30	32	1	2	5	6	0.25	8	1.3	0.25	0.2	0.23	0.5	0.16	15	19
SA5111937	38	0.17	0.2	45	41	1	1	5	5	0.25	7	1.0	0.25	0.6	0.67	0.5	0.12	19	24
SA5111938	27	0.21	0.1	17	21	1	0.5	5	2	0.25	2	0.6	0.25	0.2	0.28	0.5	0.02	9	13
SA5111939	91	1.52	0.3	270	236	7	3	29	10	0.25	83	7.9	2.1	1.3	1.23	0.5	0.07	143	152
SA5111940	36	0.58	0.2	81	82	3	2	19	7	0.25	9	2.7	0.7	1.0	1.16	0.5	0.14	38	46
SA5111941	24	0.58	0.1	81	79	3	3	14	9	0.25	13	2.9	0.9	0.5	0.59	3	0.77	37	44
SA5111942	40	0.14	0.2	14	14	4	0.5	5	4	0.25	4	0.4	0.25	0.1	0.06	0.5	0.10	7	8
SA5111943	26	1.28	0.3	364	325	10	14	48	29	0.25	32	11.9	3.3	3.7	3.85	6	1.45	178	188
SA5111944	44	0.23	0.05	35	28	4	0.5	5	3	0.25	8	1.2	0.25	0.3	0.30	0.5	0.04	15	19
SA5111945	23	0.25	0.1	12	16	2	0.5	5	2	0.25	2	0.3	0.25	0.3	0.34	0.5	0.02	8	10
SA5111946	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111947	19	0.30	0.1	77	85	1	4	5	7	0.25	5	3.5	0.25	0.4	0.43	1	0.31	41	54

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5111948	38	0.38	0.1	71	77	4	4	5	6	0.25	6	3.1	0.8	0.5	0.56	4	0.38	33	45
SA5111949	67	0.33	0.6	749	659	11	11	50	19	0.25	24	19.2	3.5	5.6	5.52	0.5	0.12	361	385
SA5111950	30	0.20	0.05	22	24	1	0.5	5	2	0.25	2	0.6	0.25	0.3	0.34	1	0.02	12	15
SA5111951	39	0.29	0.1	170	181	3	4	5	7	0.25	7	5.8	1.5	1.2	1.36	2	0.09	86	108
SA5111952	33	0.38	0.2	140	151	4	6	16	8	0.25	7	5.7	0.8	1.7	1.86	3	0.20	67	85
SA5111953	25	0.24	0.05	42	46	1	2	5	5	0.25	8	1.9	0.7	0.2	0.25	0.5	0.09	20	27
SA5111954	26	0.38	0.1	35	39	1	2	13	5	0.25	8	1.8	0.25	0.2	0.25	0.5	0.14	18	23
SA5111955	19	0.34	0.1	240	254	3	4	20	9	0.25	15	9.9	1.7	0.6	0.75	0.5	0.13	108	136
SA5111956	18	0.30	0.1	55	69	3	4	5	8	0.25	7	3.0	0.25	0.7	0.88	1	0.33	28	37
SA5111957	31	0.17	0.2	32	35	1	2	5	6	0.25	9	1.4	0.9	0.2	0.21	0.5	0.13	14	21
SA5111958	64	0.49	0.6	509	327	14	17	57	13	0.25	15	13.4	4.0	4.8	6.57	0.5	0.06	216	138
SA5111959	46	0.45	0.7	363	484	19	14	27	28	0.25	44	20.8	2.8	6.2	5.18	0.5	0.11	122	242
SA5111960	50	1.06	0.2	220	185	5	5	24	17	0.25	32	6.6	0.8	1.1	1.10	2	0.43	115	117
SA5111961	34	2.19	0.3	130	134	4	3	13	9	0.25	13	7.3	1.1	2.0	2.16	0.5	0.23	65	73
SA5111962	43	0.26	0.1	36	35	3	1	5	4	0.25	7	1.2	0.25	0.5	0.41	0.5	0.10	17	21
SA5111963	30	0.34	0.1	48	56	1	2	10	8	0.25	8	2.6	0.6	0.4	0.43	0.5	0.22	26	33
SA5111964	36	0.41	0.2	86	92	4	4	17	12	0.25	11	4.7	1.3	0.8	0.86	2	0.33	41	50
SA5111965	51	1.31	0.2	280	240	4	4	20	13	0.25	29	6.2	2.3	1.7	1.81	0.5	0.24	134	149
SA5111966	47	0.50	0.3	160	164	4	4	34	16	0.25	35	4.2	0.25	1.0	1.11	0.5	0.19	79	99
SA5111967	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111968	46	0.11	0.1	1.5	8	4	0.5	5	5	0.25	4	0.1	0.25	0.5	0.06	0.5	0.04	4	6
SA5111969	42	0.13	0.05	1.5	14	3	0.5	5	3	0.25	3	0.3	0.25	0.3	0.25	0.5	0.04	8	8
SA5111970	34	0.22	0.05	15	14	3	0.5	5	2	0.25	3	0.3	0.6	0.2	0.23	0.5	0.03	8	9
SA5111971	21	1.78	0.3	150	141	11	16	22	20	0.25	6	8.3	1.3	3.3	3.68	14	1.17	63	68
SA5111972	20	0.26	0.1	76	92	6	6	11	8	0.25	4	3.5	0.8	2.4	2.95	2	0.20	40	50
SA5111973	29	0.42	0.2	70	74	2	2	5	6	0.25	8	3.1	0.25	0.3	0.37	0.5	0.09	39	49
SA5111974	33	0.38	0.2	68	78	4	2	5	6	0.25	9	3.6	0.7	0.4	0.45	0.5	0.07	44	56
SA5111975	30	0.46	0.3	140	142	5	6	16	12	0.25	9	5.9	1.4	2.0	2.33	1	0.22	74	87
SA5111976	27	0.53	0.2	130	136	4	4	22	11	0.25	10	5.1	1.4	1.2	1.31	2	0.26	82	98
SA5111977	35	0.37	0.05	47	49	1	7	5	12	0.25	9	1.7	0.6	0.3	0.32	6	0.81	22	28
SA5111978	52	0.44	0.4	260	278	5	4	27	18	0.25	26	13.5	1.9	1.0	1.17	0.5	0.18	123	150
SA5111979	30	0.21	0.2	110	117	2	2	5	11	0.25	20	4.7	1.2	0.3	0.42	0.5	0.13	59	74
SA5111980	14	0.62	0.2	96	104	6	7	12	8	0.25	5	3.7	0.25	1.9	2.38	2	0.36	50	60
SA5111981	12	0.38	0.1	50	56	1	2	5	6	0.25	3	2.9	0.6	0.8	0.95	2	0.39	31	40
SA5111982	10	0.17	0.05	45	50	1	2	5	6	0.25	2	2.4	0.25	0.7	0.79	0.5	0.19	30	37
SA5111983	52	0.35	0.5	190	200	6	6	20	14	0.25	15	9.0	1.2	1.7	1.99	0.5	0.10	105	119
SA5111984	27	0.27	0.1	61	70	1	2	5	7	0.25	14	2.7	0.8	0.4	0.45	1	0.15	33	41
SA5111985	33	0.71	0.7	478	424	24	23	25	20	0.25	26	10.3	2.1	6.0	6.30	0.5	0.06	187	204
SA5111986	17	0.20	0.1	29	36	3	2	5	7	0.25	4	1.5	0.25	0.5	0.64	0.5	0.15	16	21
SA5111987	24	0.46	0.2	110	125	8	8	5	11	0.25	9	4.2	0.7	1.2	1.48	0.5	0.09	58	76
SA5111988	27	0.34	0.2	91	100	4	4	5	9	0.25	7	3.9	0.8	1.2	1.36	0.5	0.14	47	59
SA5111989	32	0.43	0.2	170	173	5	3	15	10	0.25	10	5.7	1.4	1.0	1.20	1	0.19	92	110
SA5111990	25	0.55	0.2	39	52	4	5	5	11	0.25	5	2.2	0.25	1.6	1.88	2	0.39	23	29
SA5111991	31	0.24	0.2	1.5	5	3	0.5	5	2	0.25	3	0.1	0.25	0.7	0.67	0.5	0.03	2	3
SA5111992	19	0.23	0.2	46	52	2	2	5	4	0.25	5	2.4	0.25	0.6	0.69	0.5	0.08	24	31
SA5111993	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111994	39	0.18	0.1	24	18	5	0.5	5	2	0.25	2	0.5	0.7	0.2	0.16	0.5	0.03	10	11
SA5111995	17	0.49	0.2	53	54	1	2	5	4	0.25	4	2.2	1.3	0.4	0.46	0.5	0.11	32	38
SA5111996	31	1.26	0.5	317	313	28	27	33	15	0.25	20	7.9	1.7	4.5	4.94	0.5	0.06	141	160
SA5111997	18	0.19	0.1	53	73	3	2	5	5	0.25	3	3.2	0.6	0.8	0.90	0.5	0.08	32	44
SA5111998	30	0.16	0.2	1.5	5	2	0.5	5	2	0.25	2	0.05	0.25	0.1	0.09	0.5	0.03	2	3
SA5111999	21	0.49	0.2	78	88	5	6	5	10	0.25	6	3.3	0.7	3.4	3.93	0.5	0.22	38	46
SA5112000	27	0.30	0.1	29	38	1	2	5	4	0.25	4	1.8	0.6	0.6	0.62	0.5	0.11	19	23
SA5112001	2	3.11	0.3	180	181	11	18	43	28	0.25	3	11.4	3.6	5.1	5.33	27	2.52	83	80
SA5112002	40	0.32	0.2	1.5	8	4	0.5	5	2	0.25	1	0.2	0.25	0.3	0.33	0.5	0.08	4	5
SA5112003	18	1.85	0.2	120	112	6	9	23	19	0.25	8	6.3	1.7	2.7	2.91	12	1.13	54	58
SA5112004	19	0.30	0.1	110	6	8	0.5	26	2	0.25	1	0.05	1.5	2.7	0.26	13	0.03	56	4

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112005	48	0.14	0.1	1.5	2	4	0.5	5	2	0.25	0.5	0.05	0.25	0.2	0.14	0.5	0.03	0.5	1
SA5112006	37	0.16	0.2	1.5	8	3	0.5	5	2	0.25	1	0.2	0.6	0.3	0.18	0.5	0.02	5	7
SA5112007	28	1.13	0.2	66	56	3	16	19	15	0.6	5	2.9	1.5	1.3	1.43	23	1.41	29	27
SA5112008	20	1.08	0.2	71	71	5	6	20	15	0.25	4	3.2	1.2	1.2	1.36	4	0.71	35	38
SA5112009	39	0.11	0.05	1.5	4	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.11	0.5	0.02	2	3
SA5112010	37	0.12	0.2	14	10	2	0.5	5	2	0.25	1	0.2	0.25	0.3	0.21	0.5	0.03	7	8
SA5112011	32	0.29	0.2	15	22	4	1	5	6	0.25	3	0.6	0.25	3.9	4.16	0.5	0.07	7	8
SA5112012	37	0.20	0.1	7	10	2	0.5	5	2	0.25	1	0.3	0.25	0.1	0.08	0.5	0.03	7	8
SA5112013	43	0.23	0.2	1.5	4	2	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.11	0.5	0.02	1	2
SA5112014	3	2.95	0.2	180	155	9	15	42	24	0.25	2	9.3	3.8	3.6	3.23	27	2.41	82	69
SA5112015	38	0.17	0.2	1.5	5	3	0.5	5	2	0.25	0.5	0.05	0.6	0.2	0.20	0.5	0.06	2	2
SA5112016	25	0.27	0.1	1.5	6	1	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.17	0.5	0.01	5	6
SA5112017	36	0.12	0.2	9	5	2	0.5	5	2	0.25	1	0.05	0.25	0.1	0.11	0.5	0.04	2	3
SA5112018	6	2.72	0.2	160	137	8	16	33	19	0.25	0.5	8.5	3.8	3.3	3.03	40	2.46	67	58
SA5112019	38	0.13	0.05	17	18	3	0.5	5	2	0.25	1	0.6	0.25	0.2	0.19	0.5	0.02	8	9
SA5112020	23	0.14	0.1	1.5	2	2	0.5	5	1	0.25	0.5	0.05	0.25	0.3	0.38	0.5	0.02	0.5	1
SA5112021	7	2.10	0.1	120	88	6	21	32	20	0.6	0.5	5.1	2.8	2.5	2.49	48	2.72	50	37
SA5112022	28	0.21	0.2	9	7	1	0.5	5	2	0.25	2	0.1	0.25	0.1	0.14	0.5	0.07	5	5
SA5112023	27	0.24	0.1	1.5	2	1	0.5	5	2	0.25	0.5	0.05	0.25	0.3	0.25	0.5	0.01	0.5	0.5
SA5112024	35	0.30	0.2	1.5	11	3	0.5	5	2	0.25	1	0.3	0.25	0.3	0.31	0.5	0.03	7	9
SA5112025	30	0.20	0.1	17	17	3	0.5	5	2	0.25	2	0.5	0.25	0.2	0.18	0.5	0.02	9	11
SA5112026	23	0.24	0.1	20	25	1	0.5	5	2	0.25	1	0.9	0.25	0.7	0.75	0.5	0.03	12	15
SA5112027	26	0.25	0.1	1.5	4	1	0.5	5	1	0.25	0.5	0.05	0.25	0.4	0.39	0.5	0.01	1	2
SA5112028	25	0.13	0.1	1.5	3	2	0.5	5	1	0.25	0.5	0.05	0.25	0.3	0.36	0.5	0.01	0.5	1
SA5112029	36	0.20	0.3	1.5	4	1	0.5	5	2	0.25	1	0.05	0.25	0.5	0.09	0.5	0.05	2	3
SA5112030	35	0.17	0.05	1.5	3	1	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.23	0.5	0.02	2	2
SA5112031	38	0.11	0.05	1.5	3	1	0.5	5	2	0.25	2	0.05	0.25	0.5	0.06	0.5	0.03	1	2
SA5112032	19	0.73	0.2	110	141	1	2	5	4	0.25	4	6.4	2.7	0.7	0.82	1	0.11	137	166
SA5112033	8	1.91	0.2	100	100	6	12	23	20	0.25	3	6.5	1.4	2.6	2.55	14	1.67	51	53
SA5112034	23	0.28	0.1	1.5	6	2	0.5	5	2	0.25	1	0.05	0.25	0.7	0.63	0.5	0.04	3	4
SA5112035	28	0.33	0.2	8	13	1	0.5	5	1	0.25	1	0.3	0.25	0.4	0.36	0.5	0.02	12	14
SA5112036	17	0.31	0.2	130	159	1	3	5	6	0.25	6	8.3	1.4	0.6	0.69	2	0.21	83	110
SA5112037	36	0.08	0.1	1.5	5	2	0.5	5	2	0.25	4	0.05	0.25	0.5	0.08	0.5	0.06	2	3
SA5112038	16	0.30	0.1	37	51	1	2	5	4	0.25	3	2.1	1.1	0.4	0.36	0.5	0.17	34	44
SA5112039	15	0.22	0.1	38	56	1	2	5	3	0.25	2	2.5	0.7	0.5	0.65	0.5	0.08	55	70
SA5112040	32	0.16	0.1	680	606	4	2	5	4	0.25	23	13.0	2.2	0.6	0.61	0.5	0.06	251	293
SA5112041	34	0.12	0.1	7	4	2	0.5	5	2	0.25	1	0.05	0.25	0.2	0.17	0.5	0.03	2	3
SA5112042	34	0.17	0.1	1.5	8	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.19	0.5	0.05	4	5
SA5112043	35	0.32	0.2	1.5	5	2	0.5	5	1	0.25	2	0.05	0.25	0.2	0.17	0.5	0.04	2	3
SA5112044	30	0.20	0.1	1.5	6	4	0.5	5	1	0.25	0.5	0.1	0.25	0.4	0.32	0.5	0.03	3	4
SA5112045	31	0.30	0.2	1.5	8	2	0.5	5	2	0.25	3	0.05	0.25	0.3	0.29	0.5	0.03	3	5
SA5112046	33	0.21	0.05	1.5	3	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.19	0.5	0.02	0.5	2
SA5112047	27	0.29	0.2	1.5	2	2	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.22	0.5	0.02	0.5	0.5
SA5112048	25	0.19	0.1	18	17	1	0.5	5	1	0.25	2	0.5	0.25	0.2	0.25	0.5	0.02	10	12
SA5112049	36	0.14	0.05	5	6	2	0.5	5	2	0.25	2	0.05	0.25	0.1	0.11	0.5	0.02	3	4
SA5112050	38	0.18	0.2	1.5	3	1	0.5	5	3	0.25	2	0.05	0.25	0.2	0.18	0.5	0.02	0.5	1
SA5112051	25	0.24	0.1	1.5	4	2	0.5	5	2	0.25	2	0.05	0.25	0.3	0.29	0.5	0.01	2	2
SA5112052	6	2.32	0.2	140	116	10	15	45	23	0.25	4	6.8	2.1	3.7	3.64	12	2.15	60	55
SA5112053	31	0.19	0.2	12	15	3	0.5	5	3	0.25	3	0.5	0.7	0.1	0.17	0.5	0.04	9	9
SA5112054	29	0.24	0.2	1.5	21	3	1	5	2	0.25	3	0.7	0.25	0.9	0.98	0.5	0.03	11	13
SA5112055	-9	0.21	0.2	-9	6	-9	0.5	-9	2	-9	3	0.05	-9	-9	0.11	-9	0.05	-9	4
SA5112056	36	0.11	0.1	8	6	2	0.5	5	2	0.25	2	0.05	0.25	0.1	0.11	0.5	0.04	2	4
SA5112057	42	0.33	0.2	8	16	2	0.5	5	2	0.25	3	0.7	0.25	0.2	0.23	0.5	0.03	9	10
SA5112058	38	0.24	0.2	35	37	3	0.5	5	2	0.25	4	1.2	0.25	0.2	0.26	0.5	0.04	23	27
SA5112059	16	1.12	0.3	84	90	4	5	15	11	0.25	5	3.7	1.0	1.0	1.12	3	0.64	53	58
SA5112060	27	0.44	0.1	31	34	3	1	5	4	0.25	3	1.0	0.7	0.5	0.48	0.5	0.14	20	23
SA5112061	36	0.32	0.2	1.5	3	1	0.5	5	1	0.25	2	0.05	0.25	0.2	0.16	0.5	0.03	0.5	1

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112062	12	1.54	0.3	120	114	6	11	23	16	0.25	4	6.4	2.0	3.1	3.43	10	1.42	60	61
SA5112063	28	0.21	0.2	1.5	3	1	0.5	5	1	0.25	1	0.05	0.25	0.3	0.31	0.5	0.02	0.5	0.5
SA5112064	12	1.82	0.3	140	124	8	12	29	17	0.25	4	7.6	2.1	3.1	3.35	14	1.58	59	63
SA5112065	45	0.25	0.4	1.5	6	4	0.5	5	2	0.25	2	0.05	0.25	0.2	0.21	0.5	0.07	2	2
SA5112066	-9	0.24	0.2	-9	4	-9	0.5	-9	2	-9	4	0.05	-9	-9	0.13	-9	0.04	-9	2
SA5112067	28	0.33	0.3	120	116	4	3	5	5	0.25	12	4.1	0.25	0.6	0.72	0.5	0.08	69	79
SA5112068	-9	0.23	0.2	-9	6	-9	0.5	-9	2	-9	4	0.05	-9	-9	0.38	-9	0.09	-9	4
SA5112069	31	0.26	0.1	1.5	8	4	0.5	5	1	0.25	3	0.05	0.25	0.2	0.19	0.5	0.02	4	5
SA5112070	17	0.59	0.3	140	144	5	6	18	14	0.25	7	4.7	0.9	2.6	3.08	2	0.44	78	94
SA5112071	33	0.15	0.1	5	5	2	0.5	5	1	0.25	2	0.05	0.25	0.2	0.15	0.5	0.02	2	3
SA5112072	-9	0.25	0.4	-9	6	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.18	-9	0.10	-9	3
SA5112073	7	2.50	0.3	160	134	12	16	31	25	0.25	4	9.0	2.2	4.2	4.33	16	1.80	73	64
SA5112074	27	0.36	0.2	29	36	1	2	5	5	0.25	3	0.9	0.25	1.7	1.87	0.5	0.13	16	19
SA5112075	30	0.13	0.1	23	18	2	0.5	5	2	0.25	3	0.4	0.25	0.2	0.24	0.5	0.02	8	10
SA5112076	22	0.11	0.05	1.5	3	1	0.5	5	1	0.25	3	0.05	0.25	0.3	0.33	0.5	0.01	0.5	1
SA5112077	26	0.36	0.2	42	55	2	3	15	10	0.25	8	2.1	0.7	0.7	0.83	0.5	0.17	26	35
SA5112078	17	0.88	0.3	120	125	4	5	16	8	0.25	3	5.9	1.6	1.7	1.93	3	0.61	66	73
SA5112079	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112080	28	0.23	0.1	1.5	6	3	0.5	5	1	0.25	1	0.05	0.25	0.5	0.54	0.5	0.02	3	3
SA5112081	36	0.25	0.2	10	7	3	0.5	5	2	0.25	3	0.1	0.25	0.2	0.24	0.5	0.03	5	6
SA5112082	-9	0.20	0.2	-9	4	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.07	-9	0.04	-9	2
SA5112083	34	0.31	0.2	1.5	10	3	0.5	5	2	0.25	3	0.1	0.25	0.3	0.20	0.5	0.03	5	7
SA5112084	44	0.18	0.2	1.5	9	3	0.5	5	2	0.25	2	0.05	0.25	0.5	0.08	0.5	0.05	3	5
SA5112085	35	0.23	0.2	1.5	3	3	0.5	5	1	0.25	2	0.05	0.25	0.2	0.19	0.5	0.03	0.5	2
SA5112086	25	0.18	0.1	1.5	3	1	0.5	5	2	0.25	1	0.05	0.25	0.4	0.45	0.5	0.02	0.5	1
SA5112087	41	0.13	0.05	1.5	4	3	0.5	5	9	0.25	1	0.05	0.25	0.3	0.21	0.5	0.02	0.5	2
SA5112088	27	0.18	0.1	1.5	2	2	0.5	5	2	0.25	1	0.05	0.25	0.2	0.22	0.5	0.02	0.5	1
SA5112089	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112090	30	0.15	0.1	17	14	2	0.5	5	2	0.25	2	0.4	0.25	0.2	0.17	0.5	0.02	7	8
SA5112091	31	0.21	0.1	11	14	3	0.5	5	3	0.25	2	0.2	0.25	0.6	0.67	0.5	0.05	6	8
SA5112092	37	0.29	0.2	1.5	9	3	0.5	5	5	0.25	3	0.2	0.25	0.6	0.58	0.5	0.03	7	9
SA5112093	11	0.28	0.2	79	105	2	2	13	4	0.25	3	4.5	1.4	0.8	0.98	0.5	0.15	49	62
SA5112094	22	0.16	0.05	1.5	2	1	0.5	5	1	0.25	2	0.05	0.25	0.4	0.47	0.5	0.01	0.5	0.5
SA5112095	20	0.18	0.05	21	25	1	1	5	3	0.25	6	1.0	0.25	0.2	0.15	0.5	0.09	11	13
SA5112096	45	0.33	0.05	59	68	4	2	5	7	0.25	13	2.8	0.25	0.4	0.37	0.5	0.07	28	37
SA5112097	26	0.62	0.1	54	62	4	4	5	10	0.25	7	3.9	0.25	0.5	0.71	3	0.53	24	30
SA5112098	16	1.96	0.2	120	126	8	14	29	25	1.2	8	7.9	1.6	2.4	2.70	13	1.95	56	62
SA5112099	50	0.25	0.1	130	145	4	2	5	9	0.25	20	5.5	0.9	0.6	0.76	0.5	0.07	58	76
SA5112100	40	0.26	0.1	6	10	2	0.5	5	2	0.25	9	0.4	0.25	0.2	0.19	0.5	0.04	6	7
SA5112101	41	0.15	0.2	1.5	5	4	0.5	5	2	0.25	3	0.05	0.25	0.1	0.08	0.5	0.07	1	2
SA5112102	18	0.28	0.05	29	36	2	2	5	6	0.25	8	1.5	0.25	0.2	0.25	0.5	0.16	16	18
SA5112103	52	0.44	0.2	1.5	3	4	0.5	16	1	0.25	2	0.1	0.25	0.2	0.11	0.5	0.03	0.5	0.5
SA5112104	12	2.88	0.2	82	85	14	23	60	48	0.25	5	6.1	1.9	3.6	3.94	13	1.51	34	36
SA5112105	34	0.26	0.1	34	32	3	2	5	6	0.25	10	1.5	0.25	0.3	0.29	0.5	0.10	14	17
SA5112106	59	0.49	0.3	150	153	6	6	15	14	0.25	25	6.6	1.2	1.3	1.53	0.5	0.20	75	88
SA5112107	53	0.43	0.3	130	148	5	4	5	17	0.25	28	7.1	1.2	0.6	0.64	2	0.19	63	81
SA5112108	26	0.13	0.05	24	28	3	0.5	5	4	0.25	6	1.4	0.6	0.1	0.15	0.5	0.05	11	17
SA5112109	26	0.37	0.1	41	41	3	2	5	5	0.25	8	2.0	0.25	0.1	0.18	0.5	0.07	18	23
SA5112110	22	1.03	0.05	46	50	5	7	18	15	0.25	7	2.6	0.25	0.9	1.12	7	0.81	23	26
SA5112111	37	0.21	0.1	5	2	3	0.5	5	0.5	0.25	1	0.05	0.25	0.2	0.15	0.5	0.02	0.5	0.5
SA5112112	35	1.12	0.2	160	168	10	8	20	13	0.25	25	6.7	1.7	0.6	0.71	0.5	0.07	73	90
SA5112113	29	0.82	0.1	79	90	3	6	17	18	0.6	17	3.6	1.4	0.9	0.97	2	0.51	43	52
SA5112114	60	0.50	0.2	160	172	5	4	15	17	0.25	31	6.0	2.1	0.8	0.88	0.5	0.13	83	101
SA5112115	38	0.32	0.1	130	147	5	3	5	11	0.25	21	3.9	0.7	0.6	0.66	0.5	0.09	72	92
SA5112116	20	0.43	0.1	58	64	2	4	5	12	0.25	17	2.2	0.25	0.5	0.58	2	0.36	31	38
SA5112117	30	0.12	0.1	1.5	5	4	0.5	5	2	0.25	3	0.05	0.25	0.2	0.21	0.5	0.03	2	2
SA5112118	26	0.56	0.05	57	63	3	4	17	10	0.25	10	2.3	0.25	0.5	0.64	2	0.46	25	36

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112119	33	0.11	0.1	6	5	3	0.5	5	2	0.25	4	0.05	0.25	0.2	0.20	0.5	0.04	2	2
SA5112120	30	0.26	0.1	57	61	2	3	5	8	0.25	12	2.2	0.25	0.4	0.40	0.5	0.20	31	36
SA5112121	32	0.49	0.1	32	37	3	1	5	4	0.25	10	1.2	0.25	0.3	0.32	0.5	0.12	18	21
SA5112122	24	0.36	0.1	72	68	3	3	16	10	0.25	20	1.7	0.25	0.3	0.46	0.5	0.20	32	39
SA5112123	45	0.37	0.05	49	48	4	2	5	10	0.25	20	1.4	0.25	0.3	0.26	0.5	0.08	29	32
SA5112124	40	0.78	0.2	60	58	5	4	5	12	0.25	26	3.2	1.0	0.3	0.37	0.5	0.10	27	32
SA5112125	62	0.88	0.5	130	121	20	19	35	31	0.25	57	6.5	1.5	2.5	2.59	0.5	0.09	61	67
SA5112126	40	0.45	0.2	60	54	5	5	5	11	0.25	20	2.9	0.25	0.4	0.51	0.5	0.12	22	29
SA5112127	69	0.49	0.3	140	176	4	3	14	13	0.25	32	12.0	1.1	0.5	0.52	0.5	0.04	72	98
SA5112128	-9	0.81	0.4	-9	218	-9	8	-9	23	-9	36	13.5	-9	-9	1.26	-9	0.42	-9	109
SA5112129	48	0.52	0.2	68	75	3	4	5	9	0.25	15	3.5	0.7	0.4	0.53	1	0.25	33	43
SA5112130	25	0.30	0.1	61	66	1	2	5	6	0.25	14	3.9	0.6	0.2	0.18	0.5	0.09	27	36
SA5112131	45	0.25	0.2	1.5	4	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.14	0.5	0.03	0.5	2
SA5112132	39	0.50	0.8	870	833	21	20	69	38	0.25	74	34.6	6.2	5.1	5.25	2	0.36	345	373
SA5112133	41	0.28	0.1	13	14	3	1	5	3	0.25	3	0.3	0.25	0.3	0.29	0.5	0.03	5	7
SA5112134	-9	0.33	0.1	-9	3	-9	0.5	-9	2	-9	1	0.05	-9	-9	0.17	-9	0.05	-9	1
SA5112135	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112136	34	0.22	0.2	1.5	2	2	0.5	5	1	0.25	0.5	0.05	0.25	0.3	0.24	0.5	0.02	0.5	0.5
SA5112137	-9	0.11	0.1	-9	5	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.10	-9	0.04	-9	2
SA5112138	33	0.26	0.2	31	29	3	3	5	7	0.25	19	1.3	0.25	0.2	0.20	0.5	0.09	14	17
SA5112139	39	0.48	0.2	99	161	3	6	12	18	0.6	24	7.0	0.8	0.7	1.13	0.5	0.35	52	83
SA5112140	39	0.16	0.1	1.5	3	3	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.13	0.5	0.02	1	0.5
SA5112141	54	0.26	0.2	150	163	3	2	22	4	0.25	16	10.8	1.1	0.3	0.33	0.5	0.03	84	101
SA5112142	39	0.24	0.1	110	132	7	6	13	10	0.25	12	7.3	0.25	3.2	3.87	0.5	0.14	55	69
SA5112143	38	1.53	0.5	383	367	13	18	71	46	2.2	81	16.6	4.5	3.3	3.40	8	1.92	182	191
SA5112144	21	0.14	0.05	54	62	1	2	5	6	0.25	8	3.0	0.25	0.2	0.22	0.5	0.09	29	36
SA5112145	31	0.23	0.2	65	69	3	1	5	6	0.25	15	4.3	0.25	0.3	0.32	0.5	0.06	31	39
SA5112146	67	0.70	0.2	100	104	3	2	5	6	0.25	13	5.4	0.25	0.6	0.53	1	0.12	51	59
SA5112147	33	0.53	0.2	88	105	4	4	5	11	0.25	15	5.7	0.25	0.7	0.86	4	0.36	47	58
SA5112148	15	0.33	0.3	36	50	3	2	5	4	0.25	2	1.7	0.25	0.3	0.41	0.5	0.15	29	38
SA5112149	9	1.26	0.2	77	92	4	11	5	12	0.25	3	3.6	1.4	2.3	2.92	4	0.82	46	60
SA5112150	27	0.21	0.1	1.5	8	3	4	5	2	0.25	1	0.05	0.25	0.5	0.13	0.5	0.04	5	6
SA5112151	23	0.25	0.1	44	42	1	2	5	2	0.25	4	1.7	0.25	0.8	0.81	0.5	0.01	27	30
SA5112152	34	0.21	0.2	7	7	3	0.5	5	2	0.25	2	0.05	0.25	0.5	0.11	0.5	0.04	4	5
SA5112153	35	0.32	0.1	15	17	3	0.5	5	2	0.25	2	0.4	0.25	0.3	0.25	0.5	0.02	9	10
SA5112154	35	0.38	0.2	1.5	4	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.09	0.5	0.02	2	2
SA5112155	36	0.44	0.2	13	17	1	0.5	5	2	0.25	3	0.5	0.25	0.2	0.17	0.5	0.05	14	16
SA5112156	2	2.79	0.2	140	113	5	13	38	19	0.25	0.5	8.1	3.0	3.2	3.16	18	2.73	61	47
SA5112157	27	0.20	0.1	1.5	11	1	2	5	4	0.25	2	0.2	0.25	0.6	0.60	0.5	0.10	5	6
SA5112158	24	0.59	0.1	1.5	8	1	0.5	5	2	0.25	2	0.1	0.25	1.9	2.25	0.5	0.06	3	2
SA5112159	36	0.24	0.05	8	12	2	0.5	5	2	0.25	3	0.5	0.25	0.5	0.15	0.5	0.05	6	8
SA5112160	30	0.20	0.1	1.5	5	2	0.5	5	1	0.25	2	0.05	0.25	0.1	0.17	0.5	0.03	2	3
SA5112161	4	2.44	0.2	120	99	9	14	35	25	0.25	3	6.3	2.2	3.8	3.65	13	2.12	57	44
SA5112162	24	0.18	0.05	16	11	3	0.5	5	3	0.25	3	0.4	0.25	0.3	0.47	0.5	0.10	5	5
SA5112163	26	0.22	0.1	15	17	2	0.5	5	1	0.25	3	0.3	0.25	0.2	0.17	0.5	0.02	9	10
SA5112164	30	0.20	0.05	17	17	3	0.5	5	2	0.25	3	0.9	0.25	0.3	0.21	0.5	0.06	9	10
SA5112165	4	2.65	0.2	140	91	8	14	36	23	0.25	0.5	6.4	1.7	3.1	2.86	17	2.32	62	40
SA5112166	10	1.57	0.3	100	90	5	8	21	19	0.25	4	4.8	1.7	1.9	2.09	6	1.25	49	46
SA5112167	28	0.29	0.1	13	21	2	0.5	5	2	0.25	4	0.8	0.25	0.5	0.58	0.5	0.03	10	13
SA5112168	26	0.24	0.1	1.5	10	3	1	5	3	0.25	2	0.7	0.6	0.7	0.82	0.5	0.05	4	3
SA5112169	8	2.57	0.2	110	81	7	14	32	25	0.25	2	6.6	2.3	3.0	2.90	16	2.07	51	34
SA5112170	8	2.02	0.2	87	78	7	12	22	22	0.25	2	5.0	1.5	2.1	2.18	11	1.75	42	37
SA5112171	26	0.27	0.05	1.5	5	2	0.5	5	2	0.25	2	0.05	0.25	0.3	0.43	0.5	0.02	2	2
SA5112172	7	2.66	0.2	110	105	7	14	34	23	0.25	2	7.3	2.2	3.3	3.54	17	2.19	52	45
SA5112173	25	0.26	0.05	1.5	5	1	0.5	5	2	0.25	1	0.05	0.25	0.4	0.36	0.5	0.02	2	2
SA5112174	27	0.60	0.5	87	99	1	0.5	5	3	0.25	5	6.1	2.2	0.5	0.05	0.5	0.05	74	86
SA5112175	6	2.47	0.1	130	107	7	18	36	24	0.25	2	7.5	2.6	2.6	2.62	23	2.32	51	43

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112176	12	1.43	0.2	63	58	4	8	20	18	0.25	3	3.3	1.1	1.6	1.72	9	1.64	27	28
SA5112177	17	1.21	0.2	50	59	4	6	13	15	0.25	5	3.0	1.3	2.0	2.27	4	0.88	27	30
SA5112178	29	0.20	0.2	15	15	1	0.5	5	6	0.25	3	0.5	0.25	0.2	0.25	0.5	0.09	7	9
SA5112179	6	2.41	0.2	100	97	10	14	40	30	0.7	6	5.7	2.1	3.7	3.81	8	2.38	48	46
SA5112180	27	0.44	0.2	11	11	2	0.5	5	3	0.25	2	0.2	0.25	1.7	1.88	0.5	0.11	3	4
SA5112181	37	0.10	0.1	16	14	3	0.5	5	3	0.25	8	0.7	0.25	0.1	0.12	0.5	0.09	6	7
SA5112182	32	0.25	0.1	18	17	2	0.5	5	3	0.25	2	0.2	0.25	0.3	0.28	0.5	0.03	10	11
SA5112183	9	2.28	0.2	80	77	8	13	31	29	0.6	4	4.5	1.6	3.2	3.24	7	1.95	37	38
SA5112184	16	1.43	0.4	72	86	17	20	19	28	0.6	7	4.3	1.4	10.0	11.59	7	1.33	36	37
SA5112185	25	0.31	0.1	1.5	5	1	0.5	5	2	0.25	2	0.05	0.25	0.4	0.41	0.5	0.07	2	2
SA5112186	26	0.33	0.2	46	44	3	2	5	7	0.25	6	1.2	1.2	2.1	2.32	0.5	0.12	19	25
SA5112187	32	0.17	0.2	23	28	2	0.5	5	3	0.25	4	0.6	0.25	0.9	0.97	0.5	0.05	14	18
SA5112188	31	0.30	0.2	1.5	9	3	0.5	5	2	0.25	4	0.05	0.25	0.5	0.41	0.5	0.02	5	6
SA5112189	28	0.19	0.1	1.5	4	4	0.5	5	2	0.25	3	0.05	0.25	0.2	0.14	0.5	0.01	3	4
SA5112190	9	0.34	0.1	38	49	2	2	5	6	0.25	3	2.3	0.7	1.2	1.44	1	0.31	30	37
SA5112191	22	0.29	0.1	1.5	4	2	0.5	5	1	0.25	1	0.05	0.25	0.2	0.17	0.5	0.01	2	3
SA5112192	19	0.47	0.2	120	137	1	4	15	7	0.25	3	5.2	1.8	1.1	1.23	0.5	0.22	80	97
SA5112193	26	0.51	0.1	67	70	3	4	5	7	0.25	7	2.8	0.7	1.5	1.70	4	0.40	34	42
SA5112194	22	0.29	0.1	100	124	1	2	5	7	0.25	9	4.9	0.25	0.4	0.63	0.5	0.08	54	71
SA5112195	7	1.87	0.2	82	73	5	12	24	16	0.25	3	5.4	1.3	2.2	2.31	14	1.48	38	42
SA5112196	20	0.25	0.2	140	163	4	4	19	7	0.25	11	6.5	1.7	1.1	1.35	0.5	0.11	92	123
SA5112197	31	0.51	0.2	140	174	4	4	21	4	0.25	5	4.9	2.6	1.1	1.41	0.5	0.09	94	129
SA5112198	25	0.52	0.2	200	209	4	3	5	8	0.25	12	11.4	0.25	0.9	0.92	1	0.14	102	125
SA5112199	23	0.40	0.4	290	289	45	44	27	13	0.25	15	8.9	1.9	8.1	8.76	0.5	0.17	163	180
SA5112200	13	2.07	0.3	76	71	20	18	28	27	0.5	5	4.6	0.9	8.6	6.56	8	1.87	36	30
SA5112201	25	0.62	0.1	95	103	4	4	5	11	0.25	11	3.8	0.25	1.0	1.29	0.5	0.18	59	69
SA5112202	-9	0.33	0.2	-9	53	-9	2	-9	5	-9	6	2.3	-9	-9	0.85	-9	0.21	-9	88
SA5112203	24	0.44	0.2	150	158	6	7	22	12	0.25	11	5.9	0.25	2.3	2.54	0.5	0.23	90	105
SA5112204	36	0.32	0.2	1.5	5	3	0.5	5	2	0.25	3	0.3	0.25	0.3	0.22	0.5	0.04	2	2
SA5112205	30	0.39	0.2	200	219	4	5	22	12	0.25	17	7.3	1.5	1.9	2.26	0.5	0.15	108	133
SA5112206	-9	0.50	0.2	-9	155	-9	3	-9	9	-9	17	5.0	-9	-9	0.88	-9	0.18	-9	102
SA5112207	16	0.12	0.05	41	36	3	1	5	4	0.25	6	1.6	0.25	0.2	0.19	0.5	0.06	16	21
SA5112208	35	0.28	0.1	130	138	1	2	5	5	0.25	17	7.5	2.0	0.2	0.24	0.5	0.04	60	77
SA5112209	38	0.09	0.05	46	43	3	2	5	6	0.25	12	1.8	0.25	0.5	0.11	0.5	0.08	22	26
SA5112210	30	0.24	0.05	11	14	2	0.5	5	3	0.25	4	0.9	0.25	0.5	0.49	0.5	0.02	10	10
SA5112211	17	0.26	0.1	63	67	4	3	5	6	0.25	7	2.8	0.25	1.3	1.34	0.5	0.09	40	46
SA5112212	29	0.20	0.05	16	15	2	0.5	5	2	0.25	4	0.6	0.25	0.3	0.30	0.5	0.03	8	9
SA5112213	30	0.18	0.1	13	11	3	0.5	5	3	0.25	6	0.05	0.25	0.2	0.18	0.5	0.05	7	8
SA5112214	31	0.16	0.1	12	11	3	0.5	5	3	0.25	6	0.1	0.25	0.2	0.19	0.5	0.05	7	8
SA5112215	23	0.24	0.1	1.5	6	3	0.5	5	1	0.25	2	0.05	0.25	0.2	0.20	0.5	0.02	4	5
SA5112216	-9	0.19	0.2	-9	5	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.19	-9	0.04	-9	2
SA5112217	31	0.21	0.1	1.5	4	1	0.5	5	1	0.25	2	0.05	0.25	0.2	0.15	0.5	0.02	1	2
SA5112218	27	0.30	0.1	14	13	4	1	5	2	0.25	4	0.2	0.25	0.7	0.75	0.5	0.02	7	9
SA5112219	29	0.21	0.1	36	40	1	0.5	5	4	0.25	2	0.6	0.25	0.3	0.33	0.5	0.05	19	25
SA5112220	4	3.03	0.2	120	113	15	20	45	35	1.0	14	8.1	2.1	5.3	5.12	14	2.08	58	54
SA5112221	30	1.19	0.3	78	83	8	7	14	12	0.25	8	3.4	0.7	2.4	2.65	2	0.29	42	48
SA5112222	30	0.21	0.05	8	9	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.21	0.5	0.02	5	6
SA5112223	26	0.21	0.1	11	14	1	0.5	5	2	0.25	3	0.4	0.25	0.4	0.38	0.5	0.05	8	10
SA5112224	36	0.15	0.2	23	27	1	0.5	5	2	0.25	3	0.7	0.6	0.1	0.11	0.5	0.09	27	31
SA5112225	18	0.68	0.1	79	76	1	3	5	8	0.25	9	3.4	0.25	1.0	1.04	0.5	0.16	41	49
SA5112226	26	1.05	0.2	73	80	1	1	5	7	0.25	4	2.2	0.25	1.4	1.47	0.5	0.12	40	48
SA5112227	26	0.21	0.1	13	17	3	0.5	5	3	0.25	8	0.3	0.25	0.1	0.14	0.5	0.03	10	12
SA5112228	21	0.33	0.2	71	84	2	3	5	8	0.25	6	3.5	1.3	0.7	0.82	0.5	0.15	47	60
SA5112229	28	0.27	0.05	5	3	1	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.20	0.5	0.02	0.5	0.5
SA5112230	22	0.24	0.1	81	90	1	0.5	5	3	0.25	5	3.6	0.6	0.3	0.31	0.5	0.03	56	70
SA5112231	18	0.26	0.2	140	156	1	2	16	10	0.25	7	5.8	2.0	1.0	1.10	0.5	0.10	115	133
SA5112232	13	0.23	0.1	50	67	1	2	5	5	0.25	4	2.5	1.3	1.5	1.69	0.5	0.12	42	52

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112233	25	0.16	0.1	1.5	4	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.18	0.5	0.05	1	2
SA5112234	-9	0.30	0.1	-9	24	-9	1	-9	7	-9	11	0.8	-9	-9	0.22	-9	0.10	-9	17
SA5112235	23	0.16	0.05	1.5	4	1	0.5	5	1	0.25	1	0.05	0.25	0.3	0.23	0.5	0.03	1	2
SA5112236	-9	1.01	0.1	-9	88	-9	9	-9	11	-9	7	6.3	-9	-9	1.06	-9	1.18	-9	46
SA5112237	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112238	23	0.73	0.1	220	213	1	1	5	4	0.25	9	9.0	0.25	0.1	0.23	0.5	0.04	139	160
SA5112239	34	0.07	0.05	9	5	3	0.5	5	2	0.25	2	0.05	0.25	0.5	0.06	0.5	0.04	3	3
SA5112240	18	0.28	0.1	27	36	2	1	5	4	0.25	6	1.4	0.25	0.3	0.42	0.5	0.04	17	24
SA5112241	11	1.76	0.3	150	158	6	9	28	12	0.25	6	8.1	1.9	1.8	2.01	5	0.68	77	87
SA5112242	31	0.12	0.2	70	84	3	1	5	5	0.25	13	2.9	1.1	0.5	0.07	0.5	0.04	50	61
SA5112243	21	0.71	0.2	49	52	2	2	5	5	0.25	8	2.0	0.25	0.2	0.29	0.5	0.14	31	36
SA5112244	16	0.26	0.1	35	45	1	2	5	5	0.25	5	1.8	0.7	0.6	0.49	0.5	0.18	25	30
SA5112245	11	1.64	0.3	200	201	3	8	14	12	0.25	7	11.4	3.3	2.7	2.91	4	0.58	92	104
SA5112246	30	0.11	0.05	1.5	12	3	0.5	5	2	0.25	2	0.1	0.25	0.2	0.17	0.5	0.04	7	8
SA5112247	27	0.15	0.1	57	85	1	0.5	5	3	0.7	6	3.6	0.25	0.2	0.16	0.5	0.04	80	102
SA5112248	20	0.14	0.1	1.5	3	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.19	0.5	0.02	1	1
SA5112249	-9	0.61	0.4	-9	85	-9	2	-9	5	-9	29	4.5	-9	-9	0.43	-9	0.08	-9	63
SA5112250	36	0.49	0.2	84	110	4	3	5	11	0.25	16	3.7	0.25	0.5	0.66	0.5	0.12	53	73
SA5112251	30	1.67	0.3	170	174	6	6	26	12	0.25	15	5.4	0.25	1.8	2.11	0.5	0.26	100	122
SA5112252	18	1.89	0.2	96	100	5	6	11	11	0.25	7	3.9	0.9	2.1	2.45	4	0.64	57	65
SA5112253	20	0.27	0.1	54	50	1	2	18	5	0.25	6	1.4	0.8	0.3	0.42	0.5	0.14	26	32
SA5112254	39	0.48	0.2	190	204	7	6	5	11	0.25	13	6.2	1.6	2.2	2.48	1	0.16	122	142
SA5112255	-9	0.53	0.2	-9	50	-9	2	-9	7	-9	11	1.6	-9	-9	0.81	-9	0.19	-9	30
SA5112256	32	0.65	0.1	80	92	1	3	5	6	0.25	8	4.1	0.25	0.3	0.45	0.5	0.14	44	57
SA5112257	24	0.37	0.2	150	155	4	5	12	7	0.25	7	6.0	0.25	1.9	2.15	0.5	0.13	83	102
SA5112258	33	0.15	0.1	14	9	3	0.5	5	2	0.25	6	0.2	0.8	0.1	0.08	0.5	0.04	6	7
SA5112259	15	1.68	0.2	100	107	5	11	16	19	0.25	5	6.7	1.7	3.0	3.30	9	1.38	49	52
SA5112260	43	0.24	0.3	160	161	1	3	5	10	0.25	15	6.0	0.25	1.6	1.77	0.5	0.13	80	98
SA5112261	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112262	38	0.35	0.1	40	51	3	1	5	5	0.25	10	1.6	0.25	0.5	0.60	0.5	0.09	21	30
SA5112263	39	0.43	0.2	50	61	3	2	5	5	0.25	9	2.2	0.8	0.4	0.43	0.5	0.13	28	36
SA5112264	43	0.13	0.05	33	34	1	1	5	4	0.25	8	1.2	0.25	0.3	0.33	0.5	0.08	16	20
SA5112265	27	0.59	0.2	95	94	3	5	21	9	0.25	8	3.4	0.25	1.2	1.27	3	0.45	50	57
SA5112266	48	0.25	0.05	92	83	4	2	5	10	0.25	10	2.8	0.25	0.5	0.55	2	0.31	48	54
SA5112267	32	0.24	0.1	1.5	4	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.23	0.5	0.04	0.5	1
SA5112268	34	0.52	0.1	140	146	1	3	5	7	0.25	12	5.5	1.6	0.4	0.52	0.5	0.09	69	82
SA5112269	21	0.91	0.2	82	85	2	3	5	6	0.25	9	4.4	1.0	4.0	4.61	1	0.23	38	44
SA5112270	43	0.31	0.3	180	182	5	5	24	14	0.25	18	7.1	1.5	2.2	2.39	1	0.18	85	102
SA5112271	25	0.57	0.2	77	86	2	5	13	12	0.6	10	3.7	0.25	0.7	0.93	3	0.57	38	49
SA5112272	40	0.14	0.1	16	19	3	0.5	5	2	0.25	3	0.5	0.25	0.5	0.08	0.5	0.04	9	11
SA5112273	27	0.59	0.05	52	56	3	2	12	7	0.25	9	2.0	0.8	0.4	0.43	0.5	0.21	28	34
SA5112274	-9	0.22	0.2	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.09	-9	0.02	-9	0.5
SA5112275	25	0.35	0.2	1.5	15	2	1	5	4	0.25	4	0.4	0.25	0.2	0.26	0.5	0.07	8	10
SA5112276	22	0.36	0.1	35	42	1	2	11	6	0.25	4	1.5	0.25	0.6	0.68	0.5	0.09	26	33
SA5112277	-9	0.18	0.2	-9	4	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.13	-9	0.06	-9	2
SA5112278	21	0.54	0.2	45	58	4	4	18	7	0.25	5	2.3	0.25	0.5	0.56	0.5	0.13	48	59
SA5112279	36	0.49	0.1	46	55	3	2	5	5	0.25	7	2.0	0.25	0.4	0.47	2	0.28	26	31
SA5112280	17	0.28	0.1	11	14	2	1	5	5	0.25	4	0.3	0.25	0.4	0.38	0.5	0.07	6	8
SA5112281	21	0.25	0.1	1.5	3	1	0.5	5	1	0.25	1	0.05	0.25	0.2	0.14	0.5	0.01	0.5	0.5
SA5112282	11	0.39	0.2	73	90	3	3	17	12	0.25	11	2.7	1.4	1.2	1.63	0.5	0.17	45	61
SA5112283	25	0.28	0.4	25	65	3	3	25	6	0.25	6	3.9	1.2	0.6	0.77	0.5	0.06	107	132
SA5112284	9	2.53	0.2	52	55	9	18	45	44	0.7	7	4.2	1.4	3.1	3.59	10	2.08	27	25
SA5112285	21	0.22	0.2	1.5	6	1	0.5	5	2	0.25	9	0.05	0.25	0.5	0.07	0.5	0.04	3	4
SA5112286	22	0.45	0.2	1.5	5	1	1	5	4	0.25	1	0.05	0.25	0.3	0.32	0.5	0.13	1	2
SA5112287	26	0.24	0.2	1.5	3	1	0.5	5	1	0.25	1	0.05	0.25	0.2	0.15	0.5	0.02	0.5	0.5
SA5112288	28	0.50	0.2	28	31	2	2	5	4	0.25	10	1.1	0.25	0.1	0.16	0.5	0.04	20	24
SA5112289	-9	0.27	0.2	-9	3	-9	0.5	-9	1	-9	1	0.05	-9	-9	0.09	-9	0.02	-9	1

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112290	13	0.35	0.1	31	45	3	3	5	8	0.25	7	1.3	0.25	0.6	0.76	0.5	0.17	26	34
SA5112291	25	0.47	0.7	120	148	21	22	27	17	0.25	16	5.2	1.9	8.2	9.09	0.5	0.23	118	133
SA5112292	20	0.30	0.1	1.5	3	1	0.5	5	2	0.25	0.5	0.05	0.25	0.1	0.15	0.5	0.02	1	0.5
SA5112293	35	0.35	0.3	27	47	4	3	5	7	0.25	11	2.5	0.8	0.8	0.86	0.5	0.05	32	41
SA5112294	22	1.09	0.2	67	72	4	8	13	19	0.25	14	3.1	1.0	1.3	1.55	2	0.67	42	48
SA5112295	24	0.48	0.1	68	85	5	4	12	10	0.25	8	3.2	0.9	1.5	1.82	0.5	0.17	54	67
SA5112296	3	3.84	0.3	53	72	13	23	39	45	0.25	3	7.7	1.5	5.3	6.88	9	2.55	31	36
SA5112297	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112298	30	0.29	0.2	1.5	3	4	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.09	0.5	0.04	0.5	1
SA5112299	25	0.90	0.2	60	61	3	3	5	9	0.25	11	2.0	0.25	0.5	0.66	0.5	0.17	32	39
SA5112300	-9	0.57	0.4	-9	50	-9	4	-9	11	-9	24	2.0	-9	-9	0.83	-9	0.17	-9	29
SA5112301	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112302	31	0.11	0.1	1.5	4	3	0.5	14	2	0.25	1	0.05	0.25	0.2	0.09	0.5	0.02	1	1
SA5112303	27	0.13	0.2	1.5	3	2	0.5	5	1	0.25	1	0.05	0.25	0.5	0.04	0.5	0.03	1	1
SA5112304	32	0.66	0.2	53	58	7	6	25	21	0.25	14	2.2	0.25	2.1	2.42	0.5	0.11	30	36
SA5112305	30	0.53	0.3	36	56	6	7	15	14	0.25	10	1.9	0.25	2.0	2.69	0.5	0.18	24	34
SA5112306	32	0.46	0.4	100	131	13	13	16	16	0.25	16	4.3	1.4	4.2	5.06	0.5	0.08	64	82
SA5112307	19	0.30	0.05	1.5	3	2	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.11	0.5	0.005	0.5	0.5
SA5112308	26	0.43	0.1	39	42	2	2	5	5	0.25	8	1.6	0.6	0.3	0.30	0.5	0.04	23	29
SA5112309	17	0.34	0.1	1.5	3	2	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.19	0.5	0.03	0.5	0.5
SA5112310	21	0.51	0.1	62	68	4	2	5	7	0.25	13	2.2	0.25	0.3	0.34	0.5	0.12	35	43
SA5112311	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112312	-9	0.21	0.2	-9	4	-9	0.5	-9	2	-9	1	0.05	-9	-9	0.06	-9	0.04	-9	2
SA5112313	18	0.33	0.2	51	55	4	4	5	10	0.25	7	2.0	1.2	1.2	1.43	0.5	0.14	23	29
SA5112314	41	0.54	0.4	200	195	16	15	24	18	0.25	26	6.3	1.5	3.5	3.76	0.5	0.14	97	114
SA5112315	17	2.08	0.4	170	176	17	20	56	46	0.9	38	8.7	2.6	3.5	4.05	7	1.57	85	94
SA5112316	29	0.60	0.1	53	66	4	3	5	8	0.25	15	2.3	0.9	0.3	0.31	0.5	0.15	30	40
SA5112317	23	0.17	0.1	1.5	4	2	0.5	5	1	0.25	1	0.05	0.25	0.2	0.18	0.5	0.02	2	2
SA5112318	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112319	26	0.37	0.1	140	147	5	5	16	11	0.25	10	3.7	1.8	1.7	1.78	0.5	0.11	83	96
SA5112320	-9	0.18	0.05	-9	4	-9	0.5	-9	1	-9	0.5	0.05	-9	-9	0.14	-9	0.05	-9	2
SA5112321	-9	0.19	0.1	-9	9	-9	0.5	-9	2	-9	3	0.05	-9	-9	0.12	-9	0.06	-9	6
SA5112322	-9	0.18	0.1	-9	9	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.36	-9	0.04	-9	5
SA5112323	23	0.81	0.05	94	92	1	2	5	8	0.25	10	2.1	1.0	0.5	0.57	0.5	0.17	48	59
SA5112324	11	1.30	0.05	51	58	6	7	10	9	0.25	5	1.7	0.8	1.3	1.47	2	0.38	29	35
SA5112325	40	0.22	0.2	1.5	5	1	0.5	5	2	0.25	1	0.05	0.25	0.2	0.09	0.5	0.04	1	2
SA5112326	-9	0.17	0.2	-9	5	-9	0.5	-9	3	-9	7	0.05	-9	-9	0.21	-9	0.04	-9	2
SA5112327	20	0.46	0.2	92	96	3	4	27	16	0.25	16	3.6	0.25	0.7	0.77	0.5	0.22	48	57
SA5112328	53	0.76	0.3	140	146	6	6	17	19	0.6	29	4.7	1.4	1.6	1.79	0.5	0.15	78	90
SA5112329	23	0.56	0.05	36	31	3	2	14	5	0.25	10	0.8	0.25	0.1	0.21	0.5	0.13	14	18
SA5112330	32	0.33	0.05	22	31	3	2	5	9	0.25	6	0.8	0.25	0.5	0.53	0.5	0.19	14	18
SA5112331	27	0.28	0.1	34	39	3	2	17	11	0.25	13	1.5	0.7	0.4	0.40	0.5	0.19	19	23
SA5112332	16	0.19	0.05	49	55	2	2	5	10	0.25	10	1.8	0.25	0.3	0.39	0.5	0.13	25	31
SA5112333	16	0.44	0.1	40	46	4	6	13	18	0.7	10	1.7	0.25	0.9	1.00	0.5	0.38	20	25
SA5112334	23	0.36	0.1	36	33	2	1	5	5	0.25	5	0.8	0.6	0.7	0.81	0.5	0.06	15	18
SA5112335	37	0.27	0.1	1.5	6	3	0.5	5	2	0.3	2	0.05	0.25	0.4	0.45	0.5	0.04	2	3
SA5112336	23	0.83	0.1	45	55	3	3	12	9	0.5	14	1.6	0.25	0.7	0.72	0.5	0.14	24	29
SA5112337	29	0.15	0.1	1.5	8	2	0.5	5	2	0.25	2	0.05	0.25	0.3	0.36	0.5	0.04	4	4
SA5112338	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112339	-9	1.13	0.3	-9	163	-9	5	-9	19	-9	40	7.1	-9	-9	4.05	-9	0.07	-9	101
SA5112340	19	0.35	0.1	37	48	4	3	5	6	0.25	4	2.1	0.25	0.5	0.59	0.5	0.11	27	36
SA5112341	-9	0.49	0.2	-9	5	-9	0.5	-9	2	-9	3	0.05	-9	-9	0.26	-9	0.04	-9	2
SA5112342	-9	0.34	0.2	-9	37	-9	2	-9	6	-9	8	1.5	-9	-9	0.33	-9	0.08	-9	25
SA5112343	52	0.49	0.4	86	99	22	20	24	26	0.5	20	4.7	0.9	5.1	5.59	0.5	0.20	47	58
SA5112344	18	0.54	0.2	19	23	2	3	5	9	0.25	6	1.0	0.6	0.4	0.41	0.5	0.17	10	13
SA5112345	17	0.30	0.1	9	11	1	1	5	5	0.25	6	0.6	0.25	0.2	0.26	0.5	0.06	5	7
SA5112346	23	0.27	0.1	12	17	1	2	5	9	0.25	6	0.7	0.25	0.4	0.49	0.5	0.10	9	11

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112347	-9	0.39	0.4	-9	22	-9	2	-9	11	-9	31	1.4	-9	-9	0.43	-9	0.07	-9	14
SA5112348	49	0.33	0.7	110	125	37	35	42	41	0.25	70	8.1	1.8	7.5	8.22	0.5	0.20	60	67
SA5112349	30	1.74	0.2	39	43	3	3	22	19	0.25	27	2.3	0.6	0.4	0.51	0.5	0.16	21	24
SA5112350	34	2.61	0.3	1.5	42	7	5	39	15	0.25	30	0.05	0.25	4.0	4.48	0.5	0.23	14	17
SA5112351	27	0.74	0.2	25	30	2	2	12	9	0.25	12	1.2	0.25	1.0	1.13	0.5	0.08	18	22
SA5112352	35	0.50	0.1	1.5	9	3	0.5	5	4	0.25	8	0.3	0.25	0.3	0.17	0.5	0.06	5	6
SA5112353	10	0.48	0.1	1.5	20	1	3	5	9	0.6	4	0.7	0.25	0.4	0.47	2	0.39	9	11
SA5112354	-9	0.79	0.3	-9	66	-9	4	-9	23	-9	51	4.1	-9	-9	1.00	-9	0.15	-9	35
SA5112355	31	1.76	0.4	39	63	7	8	23	24	1.0	23	3.2	1.0	1.5	1.73	3	0.63	29	36
SA5112356	35	0.18	0.1	1.5	3	4	0.5	5	2	0.25	2	0.05	0.25	0.1	0.12	0.5	0.03	0.5	1
SA5112357	26	0.22	0.1	1.5	3	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.14	0.5	0.02	0.5	0.5
SA5112358	29	0.20	0.1	10	8	3	0.5	5	2	0.25	3	0.05	0.25	0.1	0.10	0.5	0.03	5	6
SA5112359	31	1.64	0.3	63	59	7	8	30	25	1.2	19	3.1	1.0	1.3	1.43	3	0.80	30	32
SA5112360	63	0.66	0.4	53	55	8	5	24	24	0.25	27	3.3	1.2	1.6	1.69	0.5	0.14	27	29
SA5112361	19	1.25	0.2	75	98	6	6	36	11	0.25	11	3.0	0.8	2.9	3.45	0.5	0.22	40	49
SA5112362	20	0.44	0.1	76	82	4	5	5	10	0.25	11	2.9	0.25	0.6	0.70	0.5	0.19	36	47
SA5112363	32	0.68	0.1	55	67	8	6	20	11	0.25	25	3.1	0.25	0.7	0.81	0.5	0.08	32	42
SA5112364	44	0.49	0.3	150	174	10	12	35	22	0.25	25	6.0	0.25	2.1	2.31	0.5	0.26	79	100
SA5112365	10	1.78	0.2	88	74	8	16	36	30	2.8	4	5.2	1.5	2.2	2.39	16	1.67	41	38
SA5112366	27	0.43	0.2	34	42	4	3	5	16	0.7	13	1.8	0.25	0.9	0.90	0.5	0.30	20	24
SA5112367	65	0.50	0.2	76	82	7	5	27	25	0.6	28	4.6	0.25	1.7	1.77	0.5	0.20	43	47
SA5112368	42	0.58	0.3	70	64	5	5	27	22	1.1	25	2.7	1.0	0.9	0.96	0.5	0.37	34	39
SA5112369	11	1.39	0.2	64	54	8	11	24	28	2.7	7	3.3	0.9	1.8	1.99	8	1.41	31	29
SA5112370	56	1.07	0.7	341	314	52	47	72	49	1.4	40	10.0	3.2	6.6	6.86	4	0.82	142	146
SA5112371	38	0.94	0.4	110	119	14	15	49	50	1.0	66	6.0	1.8	3.7	4.03	3	0.59	50	56
SA5112372	-9	0.23	0.1	-9	5	-9	0.5	-9	2	-9	3	0.05	-9	-9	0.10	-9	0.04	-9	2
SA5112373	28	0.29	0.2	1.5	26	4	3	5	13	0.25	13	1.3	0.25	0.3	0.38	0.5	0.10	11	15
SA5112374	23	0.25	0.05	18	22	3	2	12	12	0.25	12	0.7	0.25	0.3	0.36	0.5	0.17	9	12
SA5112375	55	0.48	0.3	88	92	5	4	23	33	0.5	76	5.0	1.7	0.8	0.80	2	0.20	42	46
SA5112376	17	0.49	0.05	12	17	1	2	5	6	0.25	6	1.0	0.25	0.3	0.36	0.5	0.20	8	10
SA5112377	26	1.06	0.1	40	40	4	4	14	12	0.7	9	1.8	0.25	0.6	0.65	1	0.32	21	24
SA5112378	29	0.65	0.1	95	107	2	3	15	14	0.25	12	4.2	1.0	1.2	1.27	0.5	0.16	65	73
SA5112379	10	0.39	0.05	13	19	1	2	5	4	0.25	6	1.1	0.25	0.5	0.50	0.5	0.16	14	17
SA5112380	37	0.43	0.2	82	87	10	10	15	17	0.25	53	3.8	0.25	1.8	1.92	0.5	0.21	45	51
SA5112381	23	0.28	0.1	1.5	2	2	0.5	5	1	0.25	3	0.2	0.25	0.5	0.08	0.5	0.02	1	0.5
SA5112382	35	1.28	0.3	180	179	10	12	39	31	0.25	32	6.6	2.5	2.4	2.55	0.5	0.27	93	101
SA5112383	36	0.25	0.1	32	37	3	1	5	5	0.25	6	0.9	0.25	0.3	0.38	0.5	0.11	17	21
SA5112384	35	0.27	0.1	1.5	2	3	0.5	5	1	0.25	3	0.3	0.25	0.1	0.09	0.5	0.02	1	0.5
SA5112385	12	1.15	0.2	41	40	3	8	19	22	0.8	5	2.6	0.8	1.2	1.26	5	1.02	21	21
SA5112386	36	0.45	0.2	72	75	4	4	15	16	0.25	20	3.2	1.1	0.7	0.79	0.5	0.14	40	46
SA5112387	40	0.79	0.2	130	118	3	5	30	25	0.8	31	4.6	1.0	1.2	1.26	2	0.35	67	71
SA5112388	34	0.45	0.1	66	70	4	4	17	18	0.6	14	2.3	0.25	0.9	0.97	0.5	0.19	42	48
SA5112389	27	0.28	0.1	8	3	1	0.5	5	1	0.25	3	0.2	0.25	0.1	0.11	0.5	0.02	1	1
SA5112390	21	0.49	0.05	43	41	3	2	5	7	0.25	8	1.5	0.25	0.3	0.27	0.5	0.07	24	30
SA5112391	64	0.96	0.4	385	285	73	73	57	36	0.9	46	10.1	3.7	17.1	15.72	3	0.97	186	148
SA5112392	26	0.30	0.05	69	75	1	2	5	9	0.25	18	2.5	0.25	0.3	0.35	0.5	0.13	37	46
SA5112393	53	2.13	0.4	430	472	78	69	110	39	0.9	50	10.3	2.4	11.0	12.98	1	0.29	193	243
SA5112394	18	0.92	0.05	88	89	1	4	5	10	0.25	8	2.7	0.8	0.7	0.83	3	0.33	42	57
SA5112395	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112396	36	0.85	0.3	240	255	16	20	35	31	0.25	68	10.2	2.7	2.9	3.38	2	0.29	111	137
SA5112397	40	0.67	0.1	31	42	1	3	5	11	0.25	14	3.4	0.25	1.1	1.29	0.5	0.09	18	23
SA5112398	23	0.44	0.1	92	101	3	3	5	9	0.25	31	4.5	1.0	0.3	0.37	0.5	0.09	54	71
SA5112399	21	0.52	0.1	73	87	5	3	5	9	0.25	25	4.1	0.25	0.3	0.31	0.5	0.10	47	58
SA5112400	34	1.37	0.2	250	227	17	17	45	33	0.25	71	9.1	1.1	2.7	2.80	2	0.54	125	129
SA5112401	30	0.36	0.5	1040	895	53	55	57	25	0.8	70	21.4	2.6	7.6	8.03	0.5	0.15	345	379
SA5112402	24	0.38	0.1	1.5	4	1	0.5	5	2	0.25	2	0.5	0.25	0.3	0.22	0.5	0.03	1	1
SA5112403	16	2.96	0.1	80	94	20	31	58	51	0.9	9	9.2	1.7	5.3	5.95	13	1.44	41	44

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112404	29	0.78	0.2	240	280	4	5	23	14	0.25	29	9.6	0.25	0.9	1.05	0.5	0.26	138	176
SA5112405	11	1.53	0.2	100	110	9	14	28	26	0.8	10	6.0	1.8	2.1	2.45	8	1.47	52	60
SA5112406	59	1.88	0.3	309	298	6	6	37	20	0.25	62	9.3	0.25	1.7	1.68	2	0.37	162	182
SA5112407	13	2.98	0.2	87	88	20	30	61	47	0.8	4	7.1	2.0	5.8	6.40	15	1.57	43	40
SA5112408	12	1.08	0.1	91	98	8	10	25	21	0.6	14	4.1	1.3	1.3	1.56	1	0.74	44	54
SA5112409	29	0.35	0.2	1.5	3	3	0.5	5	1	0.25	0.5	0.1	0.25	0.1	0.14	0.5	0.02	0.5	0.5
SA5112410	20	0.34	0.1	1.5	2	1	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.11	0.5	0.02	0.5	1
SA5112411	41	0.85	0.3	150	161	10	9	44	33	0.25	34	3.8	1.1	1.3	1.51	0.5	0.18	82	97
SA5112412	-9	1.25	0.3	-9	159	-9	27	-9	27	-9	23	4.7	-9	-9	4.15	-9	0.29	-9	96
SA5112413	43	0.94	0.6	200	203	27	26	67	48	0.6	34	5.9	0.25	6.2	7.01	1	0.39	89	104
SA5112414	23	0.36	0.05	1.5	1	2	0.5	5	1	0.25	1	0.05	0.25	0.5	0.08	0.5	0.02	0.5	0.5
SA5112415	32	0.38	0.2	1.5	2	2	0.5	5	1	0.25	1	0.05	0.25	0.3	0.33	0.5	0.03	0.5	1
SA5112416	28	0.30	0.1	1.5	2	2	0.5	5	1	0.25	1	0.05	0.25	0.5	0.06	0.5	0.03	0.5	1
SA5112417	-9	0.43	0.2	-9	5	-9	0.5	-9	2	-9	3	0.3	-9	-9	0.32	-9	0.05	-9	3
SA5112418	18	0.17	0.2	81	100	37	35	15	22	0.25	13	3.6	0.25	10.0	11.81	0.5	0.09	41	50
SA5112419	22	0.58	0.2	34	37	4	3	5	12	0.25	9	1.3	0.8	0.3	0.41	0.5	0.15	18	22
SA5112420	45	0.66	0.2	63	69	6	6	28	23	0.25	17	1.9	0.25	0.8	0.92	0.5	0.15	36	43
SA5112421	22	0.58	0.2	1.5	2	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.16	0.5	0.03	0.5	0.5
SA5112422	-9	0.25	0.2	-9	2	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.16	-9	0.02	-9	1
SA5112423	-9	0.19	0.1	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.06	-9	0.02	-9	2
SA5112424	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112425	17	0.48	0.2	27	35	1	2	5	7	0.25	6	1.7	0.25	0.8	0.91	0.5	0.13	20	24
SA5112426	32	0.20	0.1	1.5	5	4	0.5	12	2	0.25	2	0.1	0.25	0.2	0.20	0.5	0.03	2	3
SA5112427	-9	0.36	0.2	-9	2	-9	0.5	-9	1	-9	2	0.05	-9	-9	0.14	-9	0.03	-9	0.5
SA5112428	23	0.25	0.05	1.5	2	2	0.5	5	1	0.25	0.5	0.05	0.25	0.3	0.36	0.5	0.01	0.5	1
SA5112429	23	0.31	0.1	1.5	2	3	0.5	5	1	0.25	0.5	0.05	0.25	0.1	0.11	0.5	0.02	0.5	0.5
SA5112430	-9	0.30	0.1	-9	1	-9	0.5	-9	1	-9	1	0.05	-9	-9	0.12	-9	0.02	-9	0.5
SA5112431	27	0.49	0.2	24	28	4	2	5	10	0.25	7	1.2	0.6	0.3	0.36	0.5	0.10	13	17
SA5112432	23	0.35	0.2	1.5	2	1	0.5	5	2	0.25	2	0.05	0.25	0.2	0.20	0.5	0.04	0.5	0.5
SA5112433	-9	0.43	0.2	-9	2	-9	0.5	-9	2	-9	0.5	0.05	-9	-9	0.12	-9	0.03	-9	0.5
SA5112434	25	0.43	0.1	17	26	4	2	13	10	0.25	7	1.0	0.5	0.3	0.31	0.5	0.08	13	16
SA5112435	28	0.25	0.2	1.5	2	2	0.5	5	2	0.25	2	0.05	0.25	0.5	0.10	0.5	0.04	0.5	1
SA5112436	24	1.00	0.2	28	37	6	6	5	12	0.25	17	2.5	0.25	0.6	0.62	0.5	0.24	21	26
SA5112437	34	0.65	0.2	40	61	4	2	5	11	0.25	15	2.8	1.0	0.6	0.69	0.5	0.05	37	46
SA5112438	17	1.02	0.2	53	73	5	6	15	12	0.25	14	4.6	0.25	0.8	1.09	1	0.31	42	52
SA5112439	18	0.70	0.2	70	101	6	8	15	14	0.25	11	5.6	0.9	1.2	1.42	2	0.34	43	57
SA5112440	31	0.49	0.3	83	97	5	5	14	14	0.25	15	4.7	1.1	1.4	1.51	0.5	0.10	48	57
SA5112441	31	0.80	0.5	190	196	11	10	32	19	0.25	19	9.4	1.5	4.5	4.61	0.5	0.11	118	127
SA5112442	38	0.26	0.2	27	35	5	3	5	9	0.25	29	3.1	0.25	0.3	0.26	0.5	0.10	21	24
SA5112443	38	0.35	0.3	94	97	4	3	18	12	0.25	17	5.1	1.3	0.7	0.71	0.5	0.08	47	56
SA5112444	14	0.43	0.2	22	30	3	3	5	7	0.7	10	1.8	0.8	0.5	0.54	2	0.26	16	18
SA5112445	27	0.24	0.1	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.3	0.21	0.5	0.02	0.5	1
SA5112446	-9	0.27	0.2	-9	2	-9	0.5	-9	1	-9	2	0.05	-9	-9	0.26	-9	0.02	-9	0.5
SA5112447	33	0.35	0.2	1.5	2	4	0.5	5	2	0.25	1	0.05	0.25	0.5	0.10	0.5	0.04	0.5	1
SA5112448	34	0.27	0.2	1.5	2	4	0.5	5	2	0.25	2	0.05	0.25	0.2	0.16	0.5	0.02	0.5	1
SA5112449	-9	0.42	0.2	-9	4	-9	0.5	-9	2	-9	5	0.2	-9	-9	0.10	-9	0.03	-9	3
SA5112450	34	0.60	0.4	30	55	22	21	20	22	0.25	63	3.1	0.9	2.7	3.27	0.5	0.18	27	36
SA5112451	23	0.49	0.2	1.5	3	2	0.5	5	2	0.25	2	0.1	0.25	0.5	0.09	0.5	0.04	0.5	1
SA5112452	-9	0.64	0.2	-9	12	-9	4	-9	8	-9	9	1.2	-9	-9	0.46	-9	0.36	-9	6
SA5112453	32	0.65	0.4	70	88	23	20	21	20	0.25	30	5.9	1.0	7.1	7.13	0.5	0.11	55	59
SA5112454	40	0.58	0.4	56	66	9	7	16	17	0.25	24	4.3	1.0	3.3	3.23	0.5	0.10	44	47
SA5112455	28	0.23	0.4	1.5	5	2	0.5	5	4	0.25	5	0.1	0.25	0.2	0.13	0.5	0.12	0.5	3
SA5112456	-9	0.11	0.1	-9	1	-9	0.5	-9	1	-9	0.5	0.05	-9	-9	0.18	-9	0.02	-9	0.5
SA5112457	-9	0.28	0.3	-9	2	-9	0.5	-9	2	-9	2	0.1	-9	-9	0.05	-9	0.05	-9	1
SA5112458	22	0.31	0.1	1.5	1	2	0.5	5	2	0.25	1	0.05	0.25	0.2	0.13	0.5	0.01	0.5	0.5
SA5112459	30	0.14	0.1	1.5	2	1	0.5	5	2	0.25	2	0.05	0.25	0.2	0.07	0.5	0.04	1	1
SA5112460	23	0.38	0.2	36	45	1	3	5	11	0.25	9	2.2	1.1	0.7	0.75	0.5	0.11	22	27

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112461	29	0.23	0.2	1.5	5	1	0.5	5	2	0.25	2	0.2	0.25	0.1	0.08	0.5	0.03	3	3
SA5112462	27	0.27	0.2	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.2	0.16	0.5	0.02	1	0.5
SA5112463	25	0.63	0.2	45	56	5	4	5	12	0.25	8	2.6	0.25	0.9	1.14	0.5	0.22	23	32
SA5112464	21	0.40	0.2	41	51	5	4	17	14	0.25	8	2.1	0.25	0.9	1.11	0.5	0.23	21	28
SA5112465	37	0.38	0.2	60	65	5	5	13	16	0.25	13	2.6	0.25	1.6	1.76	0.5	0.20	30	37
SA5112466	28	0.38	0.2	56	54	3	3	5	13	0.25	12	2.1	0.25	0.8	0.82	0.5	0.16	25	30
SA5112467	30	1.29	0.4	150	154	9	7	22	19	0.25	19	4.2	0.9	3.7	4.00	0.5	0.13	81	92
SA5112468	33	0.41	0.1	34	35	3	2	5	9	0.25	10	1.2	0.25	0.3	0.42	0.5	0.11	17	21
SA5112469	23	0.43	0.05	34	40	5	4	5	9	0.25	9	1.1	0.25	0.4	0.48	0.5	0.11	17	23
SA5112470	13	1.87	0.2	67	63	10	14	48	46	0.7	5	3.6	1.8	2.1	2.33	7	1.39	30	33
SA5112471	-9	0.24	0.3	-9	3	-9	0.5	-9	2	-9	2	0.1	-9	-9	0.06	-9	0.06	-9	2
SA5112472	34	0.58	0.2	64	60	5	3	5	10	0.25	15	1.8	0.25	0.3	0.33	0.5	0.06	32	39
SA5112473	38	0.28	0.2	1.5	2	3	0.5	5	2	0.25	1	0.05	0.25	0.5	0.07	0.5	0.02	0.5	0.5
SA5112474	41	0.27	0.2	11	2	3	0.5	5	2	0.25	1	0.05	0.25	0.5	0.08	0.5	0.03	0.5	1
SA5112475	36	0.29	0.2	1.5	1	4	0.5	5	2	0.25	1	0.05	0.25	0.1	0.04	0.5	0.02	0.5	0.5
SA5112476	-9	0.26	0.3	-9	2	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.06	-9	0.04	-9	1
SA5112477	-9	0.21	0.1	-9	1	-9	0.5	-9	2	-9	0.5	0.05	-9	-9	0.07	-9	0.02	-9	0.5
SA5112478	25	0.39	0.2	44	51	5	3	22	11	0.25	9	2.3	0.25	0.9	1.00	0.5	0.17	26	31
SA5112479	-9	0.22	0.2	-9	1	-9	0.5	-9	1	-9	1	0.05	-9	-9	0.10	-9	0.03	-9	0.5
SA5112480	33	0.27	0.1	1.5	2	3	0.5	5	2	0.25	0.5	0.05	0.6	0.2	0.16	0.5	0.03	0.5	0.5
SA5112481	-9	0.24	0.2	-9	2	-9	0.5	-9	2	-9	1	0.05	-9	-9	0.07	-9	0.03	-9	0.5
SA5112482	25	0.49	0.2	34	36	4	3	5	12	0.25	10	1.8	0.25	0.5	0.57	0.5	0.13	18	21
SA5112483	-9	0.34	0.05	-9	2	-9	0.5	-9	2	-9	1	0.05	-9	-9	0.14	-9	0.02	-9	0.5
SA5112484	25	0.36	0.2	26	24	5	2	12	12	0.25	10	1.2	1.0	0.4	0.39	0.5	0.09	12	14
SA5112485	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112486	16	0.49	0.2	17	16	2	2	5	9	0.25	7	1.3	0.25	0.3	0.30	0.5	0.08	9	11
SA5112487	21	1.00	0.2	1.5	15	10	6	40	35	0.25	8	1.0	0.25	2.2	1.93	0.5	0.23	7	8
SA5112488	-9	0.77	0.2	-9	18	-9	8	-9	21	-9	6	1.2	-9	-9	0.83	-9	1.17	-9	11
SA5112489	-9	0.19	0.2	-9	2	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.06	-9	0.04	-9	1
SA5112490	29	0.48	0.1	8	14	3	2	5	9	0.25	8	1.0	0.25	0.3	0.27	0.5	0.04	5	8
SA5112491	55	0.89	0.2	17	20	6	2	15	25	0.25	12	1.4	0.25	0.3	0.33	0.5	0.02	8	10
SA5112492	36	0.24	0.3	1.5	3	3	0.5	5	2	0.25	2	0.05	0.25	0.5	0.06	0.5	0.04	0.5	1
SA5112493	-9	0.25	0.1	-9	3	-9	0.5	-9	2	-9	2	0.1	-9	-9	0.08	-9	0.03	-9	2
SA5112494	32	0.27	0.2	1.5	2	3	0.5	5	2	0.25	2	0.2	0.25	0.3	0.20	0.5	0.03	0.5	0.5
SA5112495	30	0.32	0.2	1.5	2	1	0.5	5	1	0.25	2	0.3	0.25	0.1	0.12	0.5	0.02	0.5	0.5
SA5112496	18	0.12	0.05	22	21	1	0.5	5	3	0.25	12	1.2	0.25	0.1	0.06	0.5	0.02	12	15
SA5112497	30	0.30	0.05	1.5	2	2	0.5	5	1	0.25	2	0.3	0.25	0.2	0.24	0.5	0.02	0.5	0.5
SA5112498	30	0.30	0.1	1.5	3	2	0.5	5	2	0.25	2	0.3	0.25	0.3	0.24	0.5	0.03	0.5	0.5
SA5112499	-9	0.53	0.05	-9	2	-9	0.5	-9	1	-9	3	0.2	-9	-9	0.11	-9	0.02	-9	0.5
SA5112500	-9	0.44	0.1	-9	5	-9	1	-9	5	-9	9	0.4	-9	-9	0.10	-9	0.05	-9	3
SA5112501	24	0.26	0.2	1.5	2	3	0.5	5	3	0.25	2	0.2	0.25	0.3	0.20	0.5	0.02	0.5	0.5
SA5112502	33	0.18	0.1	1.5	3	1	0.5	5	2	0.25	3	0.2	0.25	0.1	0.07	0.5	0.03	0.5	1
SA5112503	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112504	11	1.52	0.2	51	52	10	14	39	40	0.25	10	3.5	0.6	2.8	2.92	7	1.12	25	26
SA5112505	-9	0.31	0.1	-9	3	-9	0.5	-9	2	-9	3	0.3	-9	-9	0.16	-9	0.03	-9	1
SA5112506	33	0.21	0.1	9	14	4	2	5	10	0.25	22	0.9	0.25	0.7	0.76	0.5	0.02	6	7
SA5112507	32	0.30	0.1	1.5	2	2	0.5	5	1	0.25	2	0.2	0.25	0.2	0.18	0.5	0.02	0.5	0.5
SA5112508	27	0.21	0.1	1.5	2	1	0.5	5	1	0.25	2	0.3	0.25	0.5	0.06	0.5	0.01	0.5	0.5
SA5112509	20	0.37	0.05	5	4	1	0.5	5	2	0.25	3	0.4	0.25	0.2	0.22	0.5	0.02	2	2
SA5112510	32	0.20	0.05	1.5	1	1	0.5	5	1	0.25	2	0.3	0.25	0.1	0.07	0.5	0.02	1	0.5
SA5112511	6	0.26	0.05	21	31	1	2	5	8	0.25	2	1.9	0.6	0.4	0.48	0.5	0.27	14	17
SA5112512	27	0.18	0.05	1.5	3	1	0.5	5	1	0.25	2	0.3	0.25	0.3	0.34	0.5	0.02	0.5	0.5
SA5112513	26	0.29	0.05	1.5	1	2	0.5	5	0.5	0.25	2	0.2	0.25	0.2	0.24	0.5	0.01	0.5	0.5
SA5112514	23	0.34	0.05	1.5	2	1	0.5	5	1	0.25	2	0.2	0.25	0.2	0.22	0.5	0.02	0.5	0.5
SA5112515	42	0.10	0.1	1.5	2	3	0.5	5	2	0.25	2	0.2	0.25	0.1	0.13	0.5	0.02	0.5	0.5
SA5112516	25	0.62	0.1	46	48	3	6	20	18	0.8	8	2.7	0.7	1.0	1.03	4	0.64	22	25
SA5112517	36	0.31	0.1	1.5	3	2	0.5	5	2	0.25	2	0.3	0.25	0.2	0.15	0.5	0.04	1	1

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112518	36	0.26	0.1	1.5	6	1	0.5	5	2	0.25	3	0.5	0.25	0.1	0.21	0.5	0.03	0.5	3
SA5112519	33	0.38	0.1	1.5	2	1	0.5	5	1	0.25	2	0.2	0.25	0.2	0.09	0.5	0.03	3	0.5
SA5112520	18	0.45	0.05	1.5	4	1	0.5	5	2	0.25	3	0.3	0.25	0.2	0.21	0.5	0.01	1	2
SA5112521	22	0.67	0.1	12	16	2	1	5	2	0.25	6	1.0	0.25	0.1	0.14	0.5	0.02	10	12
SA5112522	31	0.30	0.05	1.5	2	2	0.5	5	1	0.25	2	0.2	0.25	0.1	0.16	0.5	0.03	0.5	0.5
SA5112523	26	0.76	0.1	36	36	3	2	5	6	0.25	8	1.4	0.25	0.5	0.52	0.5	0.03	19	22
SA5112524	37	0.25	0.05	1.5	1	3	0.5	5	1	0.25	3	0.3	0.25	0.5	0.04	0.5	0.02	0.5	0.5
SA5112525	34	0.57	0.1	1.5	4	3	0.5	5	3	0.25	3	0.3	0.25	1.1	1.14	0.5	0.04	0.5	1
SA5112526	20	0.41	0.1	1.5	2	3	0.5	5	2	0.25	2	0.3	0.25	0.5	0.07	0.5	0.02	0.5	0.5
SA5112527	26	0.84	0.2	20	21	4	2	5	6	0.25	7	0.8	0.25	0.5	0.51	0.5	0.07	10	12
SA5112528	-9	0.18	0.2	-9	2	-9	0.5	-9	4	-9	1	0.05	-9	-9	0.06	-9	0.04	-9	1
SA5112529	-9	0.44	0.2	-9	2	-9	0.5	-9	1	-9	1	0.05	-9	-9	0.22	-9	0.02	-9	0.5
SA5112530	22	0.25	0.1	1.5	2	1	0.5	5	8	0.25	1	0.05	0.25	0.5	0.07	0.5	0.04	0.5	0.5
SA5112531	-9	0.24	0.05	-9	2	-9	0.5	-9	2	-9	2	0.3	-9	-9	0.05	-9	0.04	-9	0.5
SA5112532	-9	0.26	0.1	-9	1	-9	0.5	-9	1	-9	2	0.2	-9	-9	0.27	-9	0.02	-9	0.5
SA5112533	-9	0.26	0.1	-9	1	-9	0.5	-9	3	-9	1	0.2	-9	-9	0.05	-9	0.03	-9	0.5
SA5112534	-9	0.27	0.1	-9	2	-9	0.5	-9	2	-9	3	0.1	-9	-9	0.05	-9	0.03	-9	0.5
SA5112535	27	0.45	0.1	1.5	9	2	0.5	5	2	0.25	3	0.6	0.25	0.1	0.13	0.5	0.03	5	5
SA5112536	-9	0.23	0.1	-9	2	-9	0.5	-9	2	-9	2	0.2	-9	-9	0.17	-9	0.03	-9	0.5
SA5112537	18	0.56	0.1	27	32	5	6	11	23	0.25	13	1.7	0.25	1.6	1.82	0.5	0.29	13	16
SA5112538	37	0.27	0.2	1.5	4	3	0.5	5	2	0.25	4	0.2	0.25	0.5	0.09	0.5	0.04	1	2
SA5112539	13	1.42	0.2	40	48	10	13	36	35	0.7	14	3.0	0.8	2.6	2.95	6	1.06	22	24
SA5112540	9	1.79	0.2	45	51	11	14	41	37	0.8	10	3.4	0.9	2.9	3.11	7	1.37	26	25
SA5112541	37	1.74	0.1	160	158	5	3	26	28	0.25	46	2.6	1.7	0.6	0.58	0.5	0.05	96	109
SA5112542	19	0.46	0.05	25	22	4	3	5	8	0.25	9	1.3	0.25	0.4	0.40	0.5	0.26	10	12
SA5112543	23	0.98	0.1	56	54	6	8	20	20	0.6	19	3.4	1.0	0.9	1.09	3	0.76	27	29
SA5112544	28	0.17	0.05	1.5	2	1	0.5	5	2	0.25	2	0.3	0.25	0.3	0.28	0.5	0.02	0.5	0.5
SA5112545	26	0.28	0.05	1.5	1	1	0.5	5	1	0.25	2	0.3	0.25	0.5	0.09	0.5	0.01	0.5	0.5
SA5112546	28	0.18	0.1	15	11	3	1	5	3	0.25	42	0.6	0.25	0.3	0.39	0.5	0.03	5	6
SA5112547	23	0.57	0.1	100	118	3	4	5	14	0.25	21	4.5	0.25	0.6	0.75	2	0.26	49	66
SA5112548	12	1.94	0.2	130	129	12	18	50	40	1.4	14	6.5	1.8	4.2	4.35	8	1.67	63	64
SA5112549	14	1.13	0.1	74	74	6	11	18	20	0.9	9	3.7	1.3	1.6	1.75	6	0.79	36	40
SA5112550	39	0.29	0.2	140	143	4	4	23	15	0.25	26	5.1	1.1	1.1	1.19	0.5	0.12	71	81
SA5112551	10	0.92	0.1	58	61	3	7	21	15	0.9	11	2.7	0.7	0.9	1.06	4	0.74	31	34
SA5112552	10	0.93	0.05	58	49	4	8	18	18	1.7	6	2.7	0.9	0.9	1.10	8	1.01	28	25
SA5112553	20	0.53	0.1	62	67	3	5	5	11	0.6	9	1.9	0.8	0.5	0.65	1	0.33	35	42
SA5112554	18	0.25	0.05	11	20	1	2	5	6	0.3	9	0.8	0.25	0.2	0.21	0.5	0.16	9	11
SA5112555	24	0.42	0.2	130	146	10	12	23	15	0.5	18	3.8	1.2	1.3	1.69	0.5	0.22	69	87
SA5112556	16	0.31	0.05	37	45	2	3	5	9	0.25	8	1.3	0.25	0.5	0.49	0.5	0.13	21	26
SA5112557	29	0.58	0.1	100	121	5	5	5	11	0.25	12	4.6	0.25	1.4	1.74	0.5	0.11	63	84
SA5112558	45	0.39	0.2	150	164	10	10	25	23	0.25	18	5.2	1.6	2.8	3.16	0.5	0.20	76	88
SA5112559	6	2.78	0.1	150	125	22	24	77	54	1.9	21	7.5	2.7	5.4	4.67	14	2.62	70	58
SA5112560	8	2.91	0.2	190	174	16	23	73	46	1.6	23	10.3	2.9	4.3	4.15	17	2.33	95	85
SA5112561	32	0.14	0.05	11	11	3	0.5	5	3	0.25	2	0.05	0.25	0.2	0.16	0.5	0.05	6	6
SA5112562	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112563	17	1.06	0.1	41	44	4	7	16	17	0.25	7	2.3	0.9	1.0	1.11	5	0.66	19	22
SA5112564	15	1.58	0.1	41	41	3	7	17	17	0.7	6	2.0	0.8	0.8	0.91	5	0.85	19	21
SA5112565	7	2.71	0.2	150	123	17	21	68	47	1.6	25	7.5	2.5	4.3	3.88	12	2.58	71	60
SA5112566	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112567	43	0.43	0.2	85	90	4	4	11	18	0.25	25	2.7	0.25	1.4	1.64	0.5	0.16	41	50
SA5112568	27	0.39	0.1	27	31	2	1	5	6	0.25	8	1.2	0.25	0.2	0.24	0.5	0.13	16	22
SA5112569	24	0.32	0.2	1.5	3	2	0.5	5	1	0.25	2	0.05	0.25	0.3	0.30	0.5	0.02	0.5	0.5
SA5112570	42	0.42	0.2	91	97	9	8	22	20	0.25	19	3.3	0.9	1.9	2.11	0.5	0.16	43	49
SA5112571	-9	0.25	0.3	-9	6	-9	0.5	-9	3	-9	3	0.05	-9	-9	0.19	-9	0.05	-9	2
SA5112572	55	0.65	0.5	170	161	18	17	42	35	0.25	33	5.7	2.6	4.1	4.09	1	0.23	80	83
SA5112573	22	0.33	0.05	25	29	2	2	5	7	0.25	7	1.0	0.25	0.2	0.27	0.5	0.15	13	16
SA5112574	17	0.36	0.05	18	24	2	2	5	7	0.25	5	0.8	0.25	0.3	0.34	0.5	0.21	11	13

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112575	18	0.94	0.1	39	40	3	3	16	12	0.25	6	1.5	0.25	0.5	0.58	1	0.26	17	22
SA5112576	12	0.25	0.05	66	75	1	3	5	14	0.25	13	2.5	0.25	0.8	0.96	0.5	0.11	31	39
SA5112577	17	0.35	0.1	45	57	4	4	12	12	0.25	8	1.8	0.8	1.2	1.52	0.5	0.20	23	30
SA5112578	22	0.28	0.1	36	46	3	2	5	7	0.25	8	1.7	0.7	0.4	0.50	0.5	0.09	21	27
SA5112579	30	0.24	0.2	27	36	3	1	5	7	0.25	20	1.2	0.25	0.3	0.29	0.5	0.06	15	22
SA5112580	47	0.29	0.2	64	73	3	2	5	7	0.25	13	2.0	1.0	0.3	0.31	0.5	0.11	42	52
SA5112581	32	0.20	0.2	1.5	7	3	0.5	5	2	0.25	2	0.05	0.25	0.1	0.16	0.5	0.02	3	4
SA5112582	31	0.10	0.1	12	6	2	0.5	5	2	0.25	2	0.05	0.25	0.2	0.15	0.5	0.03	3	3
SA5112583	32	0.43	0.2	160	164	3	5	20	14	0.25	17	4.7	1.3	1.4	1.48	1	0.22	82	99
SA5112584	-9	0.12	0.1	-9	4	-9	0.5	-9	2	-9	1	0.05	-9	-9	0.05	-9	0.05	-9	2
SA5112585	-9	0.23	0.2	-9	9	-9	0.5	-9	3	-9	4	0.05	-9	-9	0.10	-9	0.04	-9	7
SA5112586	26	0.18	0.1	7	7	2	0.5	5	1	0.25	3	0.05	0.25	0.2	0.25	0.5	0.03	3	4
SA5112587	27	1.05	0.3	150	153	6	9	33	24	0.6	25	6.2	1.7	1.5	1.70	4	0.96	78	92
SA5112588	56	0.19	0.2	59	60	4	2	5	7	0.25	14	2.8	0.8	0.1	0.16	0.5	0.09	43	51
SA5112589	26	0.38	0.1	39	44	3	2	5	7	0.25	11	1.4	0.25	0.4	0.39	0.5	0.18	21	29
SA5112590	32	0.23	0.1	37	53	1	2	5	6	0.25	10	1.6	0.25	0.3	0.36	0.5	0.09	25	34
SA5112591	32	0.14	0.1	11	11	3	0.5	5	2	0.25	3	0.05	0.25	0.5	0.11	0.5	0.03	6	6
SA5112592	44	0.37	0.1	49	49	3	2	12	9	0.25	15	1.3	0.6	0.5	0.49	0.5	0.13	25	30
SA5112593	48	0.24	0.2	41	45	4	1	5	5	0.25	10	1.4	1.0	0.2	0.17	0.5	0.03	23	28
SA5112594	43	0.18	0.2	1.5	3	4	0.5	5	2	0.25	2	0.05	0.25	0.2	0.15	0.5	0.05	0.5	1
SA5112595	26	0.33	0.1	31	29	3	3	5	9	0.25	9	1.0	0.25	0.3	0.41	0.5	0.22	13	16
SA5112596	30	0.77	0.1	33	38	4	3	5	11	0.25	14	1.1	0.6	0.4	0.47	1	0.20	17	22
SA5112597	31	0.35	0.1	30	34	4	2	5	9	0.3	10	1.0	0.25	0.4	0.52	1	0.14	15	19
SA5112598	40	0.80	0.4	110	112	8	9	29	29	0.6	27	4.4	1.2	1.3	1.31	2	0.54	48	55
SA5112599	37	0.47	0.2	27	34	4	2	24	10	0.25	10	1.1	0.25	0.5	0.55	0.5	0.19	15	20
SA5112600	26	0.38	0.2	19	25	2	2	5	9	0.25	9	0.8	0.25	0.3	0.37	0.5	0.19	9	14
SA5112601	39	0.51	0.3	44	50	4	3	19	15	0.25	20	1.7	0.8	0.6	0.65	0.5	0.23	23	28
SA5112602	29	1.51	0.2	130	141	13	14	43	30	0.25	32	5.4	1.6	2.6	2.54	4	0.45	63	76
SA5112603	36	0.33	0.1	30	33	3	2	5	8	0.25	10	1.0	0.25	0.3	0.37	0.5	0.12	15	19
SA5112604	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112605	46	0.56	0.2	57	63	4	4	23	19	0.25	27	2.2	0.8	0.5	0.54	0.5	0.25	30	38
SA5112606	23	2.17	0.3	190	201	16	19	63	52	1.4	70	10.0	2.2	3.7	3.87	8	1.79	109	115
SA5112607	50	0.97	0.2	110	100	4	4	21	15	0.25	26	3.0	0.9	1.0	1.03	1	0.28	52	61
SA5112608	41	0.75	0.2	120	127	5	4	15	22	0.25	26	8.1	1.7	0.6	0.68	1	0.26	58	70
SA5112609	48	0.77	0.5	318	320	20	20	38	31	0.25	46	10.8	2.0	5.8	5.92	1	0.15	134	159
SA5112610	17	0.87	0.1	41	47	3	5	11	13	0.25	6	2.1	0.25	0.6	0.76	3	0.59	21	25
SA5112611	21	0.84	0.2	50	52	2	3	5	11	0.25	8	2.4	0.6	0.5	0.58	0.5	0.22	25	29
SA5112612	-9	0.23	0.1	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.05	-9	0.03	-9	1
SA5112613	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112614	-9	0.48	0.4	-9	5	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.12	-9	0.07	-9	2
SA5112615	-9	0.25	0.2	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.06	-9	0.04	-9	1
SA5112616	27	1.31	0.2	60	61	15	15	43	39	0.25	13	3.3	1.3	3.6	3.79	5	1.02	29	28
SA5112617	-9	0.21	0.2	-9	4	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.10	-9	0.06	-9	2
SA5112618	28	0.56	0.2	1.5	2	1	0.5	5	1	0.25	0.5	0.05	0.25	0.3	0.27	0.5	0.02	0.5	0.5
SA5112619	38	0.22	0.2	1.5	4	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.11	0.5	0.03	2	2
SA5112620	-9	0.25	0.3	-9	4	-9	0.5	-9	3	-9	3	0.05	-9	-9	0.07	-9	0.11	-9	2
SA5112621	-9	0.24	0.2	-9	2	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.10	-9	0.04	-9	0.5
SA5112622	-9	2.30	0.2	-9	45	-9	14	-9	39	-9	2	3.7	-9	-9	2.99	-9	2.24	-9	20
SA5112623	6	2.66	0.2	71	56	12	19	52	33	0.25	1	5.4	1.9	3.7	3.36	18	2.20	34	24
SA5112624	22	0.42	0.1	1.5	3	1	0.5	5	2	0.25	0.5	0.05	0.25	0.1	0.11	0.5	0.03	0.5	1
SA5112625	-9	0.17	0.2	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.05	-9	0.05	-9	1
SA5112626	42	0.13	0.1	1.5	3	3	0.5	5	2	0.25	2	0.05	0.25	0.1	0.13	0.5	0.03	0.5	0.5
SA5112627	80	0.59	0.2	21	24	6	2	5	9	0.25	11	1.1	0.25	0.8	0.84	0.5	0.06	10	13
SA5112628	16	0.92	0.1	24	27	3	5	13	14	0.25	5	1.3	0.25	0.6	0.79	1	0.45	12	15
SA5112629	14	1.64	0.1	35	39	8	11	33	26	0.25	6	2.4	0.5	1.9	2.06	6	0.97	19	20
SA5112630	35	0.36	0.1	6	8	3	0.5	5	2	0.25	2	0.3	0.25	0.1	0.14	0.5	0.02	4	4
SA5112631	26	0.20	0.2	1.5	3	3	2	5	1	0.25	1	0.05	0.25	0.2	0.14	0.5	0.01	0.5	0.5

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112632	31	0.25	0.1	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.5	0.07	0.5	0.02	0.5	0.5
SA5112633	38	0.18	0.2	1.5	3	1	0.5	5	2	0.25	2	0.05	0.25	0.1	0.10	0.5	0.03	0.5	0.5
SA5112634	26	0.17	0.1	1.5	2	1	0.5	5	1	0.25	2	0.05	0.25	0.2	0.21	0.5	0.03	0.5	0.5
SA5112635	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112636	10	1.50	0.2	48	51	5	10	25	25	0.6	4	3.2	1.0	1.5	1.79	7	1.45	25	27
SA5112637	24	0.36	0.1	1.5	2	2	0.5	5	1	0.25	1	0.05	0.25	0.5	0.06	0.5	0.02	0.5	0.5
SA5112638	-9	0.39	0.3	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.05	-9	0.03	-9	1
SA5112639	31	0.34	0.1	1.5	3	3	0.5	5	1	0.25	2	0.05	0.25	0.3	0.28	0.5	0.03	0.5	1
SA5112640	-9	0.32	0.3	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.08	-9	0.06	-9	1
SA5112641	-9	0.26	0.1	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.28	-9	0.02	-9	0.5
SA5112642	21	0.32	0.1	1.5	2	1	0.5	5	0.5	0.25	0.5	0.05	0.25	0.2	0.20	0.5	0.01	0.5	0.5
SA5112643	29	0.39	0.2	1.5	3	3	0.5	5	2	0.25	2	0.05	0.25	0.2	0.11	0.5	0.03	0.5	0.5
SA5112644	34	0.19	0.1	4	3	2	0.5	5	1	0.25	1	0.05	0.25	0.1	0.11	0.5	0.02	0.5	0.5
SA5112645	37	0.25	0.2	5	3	1	0.5	5	1	0.25	5	0.05	0.25	0.2	0.13	0.5	0.02	0.5	0.5
SA5112646	30	0.25	0.2	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.2	0.13	0.5	0.02	0.5	0.5
SA5112647	25	0.26	0.05	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.3	0.25	0.5	0.01	0.5	0.5
SA5112648	27	0.22	0.05	6	5	2	0.5	5	1	0.25	1	0.05	0.25	0.3	0.29	0.5	0.01	2	2
SA5112649	21	0.21	0.1	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.2	0.16	0.5	0.02	0.5	0.5
SA5112650	30	0.21	0.1	1.5	2	2	0.5	5	1	0.25	2	0.05	0.25	0.1	0.16	0.5	0.02	0.5	0.5
SA5112651	32	0.21	0.1	1.5	2	3	0.5	5	1	0.25	2	0.05	0.25	0.2	0.12	0.5	0.02	0.5	0.5
SA5112652	30	0.23	0.05	1.5	2	3	0.5	5	1	0.25	0.5	0.05	0.25	0.2	0.22	0.5	0.01	0.5	0.5
SA5112653	-9	0.28	0.3	-9	4	-9	0.5	-9	2	-9	3	0.05	-9	-9	0.08	-9	0.06	-9	1
SA5112654	11	2.23	0.1	96	85	24	23	69	51	1.4	7	5.5	1.8	8.2	7.23	16	2.34	49	38
SA5112655	10	1.83	0.2	63	64	8	12	38	33	0.7	4	4.3	1.5	2.8	2.91	11	1.76	33	31
SA5112656	40	0.12	0.1	1.5	3	4	0.5	5	2	0.25	2	0.05	0.25	0.1	0.07	0.5	0.05	1	1
SA5112657	23	0.32	0.2	1.5	3	1	0.5	5	2	0.25	2	0.05	0.25	0.5	0.09	0.5	0.05	1	0.5
SA5112658	35	0.20	0.2	1.5	2	2	0.5	5	2	0.25	2	0.05	0.25	0.5	0.05	0.5	0.03	0.5	0.5
SA5112659	16	0.47	0.1	1.5	2	1	0.5	5	1	0.25	2	0.05	0.25	0.2	0.27	0.5	0.005	0.5	0.5
SA5112660	30	0.27	0.05	1.5	2	2	0.5	5	2	0.25	2	0.05	0.25	0.1	0.09	0.5	0.02	0.5	0.5
SA5112661	25	0.65	0.2	17	26	3	3	5	8	0.25	5	0.9	0.25	0.8	0.94	1	0.27	12	17
SA5112662	31	0.24	0.2	1.5	5	1	0.5	5	2	0.25	3	0.05	0.25	0.5	0.06	0.5	0.03	2	3
SA5112663	32	0.17	0.1	1.5	2	1	0.5	5	1	0.25	1	0.05	0.25	0.5	0.07	0.5	0.01	0.5	0.5
SA5112664	-9	0.20	0.2	-9	3	-9	0.5	-9	2	-9	2	0.05	-9	-9	0.06	-9	0.03	-9	1
SA5112665	10	1.31	0.1	57	63	6	8	23	22	0.25	5	3.0	1.0	1.2	1.35	5	0.97	34	38
SA5112666	-9	0.37	0.2	-9	5	-9	0.5	-9	3	-9	2	0.05	-9	-9	0.13	-9	0.07	-9	2
SA5112667	31	0.30	0.1	1.5	5	2	0.5	5	2	0.25	1	0.05	0.25	0.2	0.25	0.5	0.02	2	2
SA5112668	32	0.07	0.05	10	11	2	0.5	5	2	0.25	2	0.05	0.25	0.3	0.34	0.5	0.03	4	5
SA5112669	3	1.85	0.05	62	53	10	12	45	32	2.4	4	3.2	1.1	3.9	3.39	7	3.78	31	24
SA5112670	38	0.65	0.1	170	190	6	5	12	25	0.25	53	8.7	1.8	5.6	5.64	1	0.25	112	123
SA5112671	22	0.43	0.1	1.5	4	1	3	5	1	0.25	2	0.05	0.25	0.2	0.16	0.5	0.01	0.5	1
SA5112672	32	0.13	0.05	1.5	8	1	0.5	5	2	0.25	2	0.05	0.25	0.3	0.33	0.5	0.03	4	4
SA5112673	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112674	32	0.10	0.05	4	4	1	0.5	5	2	0.25	2	0.05	0.25	0.5	0.04	0.5	0.02	1	2
SA5112675	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112676	32	0.28	0.2	23	24	1	0.5	5	4	0.25	3	1.0	0.25	0.3	0.24	0.5	0.05	12	14
SA5112677	11	1.62	0.2	60	59	6	10	20	25	0.8	4	3.9	1.1	2.1	2.19	8	1.41	27	30
SA5112678	21	0.61	0.1	27	31	2	2	12	7	0.25	5	0.9	0.25	0.8	0.90	0.5	0.09	15	19
SA5112679	27	0.23	0.1	7	10	2	0.5	5	4	0.25	2	0.2	0.25	0.9	1.05	0.5	0.05	3	4
SA5112680	30	0.27	0.1	1.5	3	1	0.5	5	2	0.3	2	0.05	0.25	0.2	0.16	1	0.02	1	1
SA5112681	7	1.54	0.1	68	71	5	8	25	25	0.6	4	4.0	0.8	2.1	2.28	6	1.48	36	41
SA5112682	28	0.17	0.1	26	24	2	1	5	4	0.25	6	0.4	0.25	0.1	0.17	0.5	0.05	12	15
SA5112683	23	0.54	0.05	1.5	5	1	0.5	5	2	0.25	2	0.05	0.25	0.3	0.39	0.5	0.02	2	2
SA5112684	19	0.77	0.1	76	84	1	3	12	9	0.25	7	2.7	0.25	0.8	0.85	1	0.21	52	64
SA5112685	26	0.24	0.05	5	8	2	0.5	5	3	0.25	3	0.05	0.25	0.9	0.91	0.5	0.05	2	3
SA5112686	38	0.35	0.1	6	7	2	0.5	5	3	0.25	3	0.05	0.25	1.2	1.41	0.5	0.04	2	3
SA5112687	10	0.32	0.5	22	28	3	3	5	8	0.25	4	1.1	0.25	0.2	0.31	0.5	0.05	11	14
SA5112688	20	0.48	0.2	93	102	1	2	12	9	0.25	9	3.4	0.6	0.6	0.73	0.5	0.13	61	75

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112689	13	0.20	0.05	1.5	10	1	0.5	13	5	0.25	2	0.4	0.25	0.1	0.12	0.5	0.02	5	6
SA5112690	31	0.27	0.2	23	24	2	2	5	3	0.25	5	0.9	0.25	0.2	0.25	0.5	0.04	16	19
SA5112691	22	0.46	0.1	9	10	2	1	5	2	0.25	4	0.2	0.25	0.2	0.26	0.5	0.02	5	5
SA5112692	33	0.34	0.1	38	28	4	5	34	27	0.5	10	1.1	0.25	0.4	0.50	3	1.00	14	16
SA5112693	30	0.75	0.2	19	17	4	7	5	14	0.25	3	0.7	0.7	0.5	0.54	6	1.13	9	9
SA5112694	35	0.98	0.3	31	40	4	7	17	14	0.25	7	2.0	1.0	1.1	1.23	4	0.86	22	25
SA5112695	32	0.39	0.2	81	102	2	2	5	8	0.25	8	3.9	1.0	0.7	0.79	0.5	0.06	60	78
SA5112696	33	0.18	0.1	8	10	3	0.5	5	3	0.25	4	0.2	0.25	0.2	0.16	0.5	0.06	5	6
SA5112697	23	0.23	0.2	58	76	3	1	5	7	0.25	8	2.1	0.25	0.3	0.28	0.5	0.09	36	48
SA5112698	23	0.21	0.1	1.5	5	1	0.5	5	2	0.25	2	0.05	0.25	0.2	0.19	0.5	0.01	2	2
SA5112699	31	0.20	0.1	14	15	3	0.5	5	3	0.25	5	0.4	0.25	0.3	0.29	0.5	0.03	7	9
SA5112700	31	0.09	0.05	1.5	4	1	0.5	5	3	0.25	2	0.05	0.25	0.1	0.07	0.5	0.03	1	1
SA5112701	4	2.64	0.2	73	69	7	14	34	33	0.5	1	5.3	1.8	2.4	2.57	13	2.25	31	32
SA5112702	29	0.20	0.2	21	22	3	1	5	8	0.25	2	0.9	0.25	0.2	0.14	0.5	0.15	8	10
SA5112703	27	0.35	0.1	21	20	2	0.5	5	4	0.25	3	0.8	0.5	0.4	0.43	0.5	0.03	10	13
SA5112704	36	0.11	0.1	1.5	7	2	0.5	5	4	0.25	7	0.3	0.25	0.5	0.07	0.5	0.03	3	4
SA5112705	22	0.30	0.2	53	62	2	2	20	8	0.25	7	3.2	0.25	0.3	0.33	0.5	0.07	33	42
SA5112706	37	0.09	0.05	7	9	3	0.5	11	3	0.25	5	0.4	0.25	0.5	0.06	0.5	0.03	4	5
SA5112707	-9	0.26	0.1	-9	7	-9	0.5	-9	2	-9	4	0.05	-9	-9	0.44	-9	0.03	-9	4
SA5112708	20	0.12	0.1	1.5	3	1	0.5	5	1	0.25	2	0.05	0.25	0.2	0.18	0.5	0.02	0.5	1
SA5112709	12	0.59	0.2	39	49	3	4	12	13	0.25	6	2.3	0.25	0.8	1.00	1	0.34	20	26
SA5112710	25	0.55	0.2	41	49	1	3	5	11	0.25	7	1.9	0.7	1.2	1.35	1	0.32	21	27
SA5112711	4	2.58	0.2	80	82	10	15	47	33	0.6	3	5.7	1.7	2.7	2.96	15	2.39	38	37
SA5112712	14	0.23	0.1	26	37	1	1	5	7	0.25	4	1.3	0.25	0.4	0.48	0.5	0.10	12	19
SA5112713	-9	2.68	0.3	-9	62	-9	18	-9	51	-9	4	6.2	-9	-9	4.28	-9	1.28	-9	29
SA5112714	12	0.22	0.1	10	21	1	0.5	11	3	0.25	4	0.9	0.25	0.1	0.21	0.5	0.03	9	14
SA5112715	8	2.15	0.1	60	68	6	12	30	30	0.25	1	4.8	1.2	2.0	2.39	11	1.92	28	32
SA5112716	39	0.21	0.2	19	20	3	1	5	5	0.25	10	0.7	0.5	0.2	0.20	0.5	0.04	12	16
SA5112717	19	0.67	0.2	45	55	3	4	12	12	0.25	8	2.1	0.6	0.7	0.87	1	0.28	31	39
SA5112718	9	0.44	0.05	44	55	2	4	15	15	0.25	5	2.0	0.25	0.9	1.08	0.5	0.33	24	30
SA5112719	5	0.63	0.2	76	97	4	7	14	19	0.25	6	3.1	0.8	2.1	2.69	2	0.47	35	47
SA5112720	16	0.24	0.1	24	31	1	0.5	5	4	0.25	4	1.0	0.25	0.3	0.26	0.5	0.04	21	27
SA5112721	8	0.90	0.05	33	33	1	7	14	16	0.6	3	1.8	0.7	0.6	0.80	7	1.37	16	19
SA5112722	30	0.15	0.1	38	38	3	1	5	5	0.25	6	0.8	0.6	0.3	0.24	0.5	0.07	17	23
SA5112723	29	0.49	0.1	10	18	3	0.5	5	3	0.25	5	0.7	0.25	0.3	0.27	0.5	0.02	10	12
SA5112724	25	0.60	0.2	120	126	4	5	17	15	0.25	9	3.1	0.9	1.8	1.92	2	0.35	59	65
SA5112725	26	0.44	0.2	72	70	3	1	12	7	0.25	4	1.4	0.25	1.4	1.55	0.5	0.10	32	38
SA5112726	25	0.48	0.2	42	55	2	2	10	16	0.25	13	2.1	0.25	1.2	1.33	0.5	0.13	25	30
SA5112727	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112728	13	0.52	0.05	29	34	2	3	5	9	0.25	6	2.1	0.6	0.7	0.80	2	0.38	16	20
SA5112729	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112730	12	0.52	0.05	52	60	1	2	12	7	0.25	6	4.1	0.7	0.5	0.57	0.5	0.18	32	41
SA5112731	29	0.27	0.1	1.5	8	1	0.5	5	2	0.25	3	0.6	0.25	0.1	0.16	0.5	0.03	3	4
SA5112732	32	0.19	0.05	12	16	2	0.5	5	3	0.25	6	1.1	0.25	0.1	0.13	0.5	0.03	8	10
SA5112733	21	0.30	0.05	17	27	2	2	5	6	0.25	6	1.5	0.6	1.5	1.83	0.5	0.06	10	15
SA5112734	27	0.23	0.05	18	16	3	1	5	6	0.25	4	1.1	0.25	1.2	1.44	0.5	0.11	6	7
SA5112735	40	0.25	0.05	26	34	3	1	5	7	0.25	6	2.0	0.25	0.6	0.70	0.5	0.04	13	16
SA5112736	26	0.28	0.1	56	69	5	5	15	14	0.25	9	3.6	0.6	3.5	3.99	0.5	0.17	33	39
SA5112737	28	0.25	0.05	10	13	1	0.5	5	3	0.3	4	0.8	0.25	0.5	0.54	1	0.03	6	7
SA5112738	8	2.19	0.1	68	65	7	14	39	33	0.8	5	5.4	1.6	3.5	3.49	12	2.02	32	30
SA5112739	16	0.50	0.2	12	33	1	3	5	13	0.25	4	2.0	0.25	0.4	2.55	0.5	0.26	9	16
SA5112740	24	0.36	0.05	27	20	4	1	5	7	0.25	3	1.3	0.25	2.2	0.53	0.5	0.12	14	10
SA5112741	31	0.22	0.05	20	24	1	1	5	10	0.25	8	1.4	0.25	1.0	0.99	0.5	0.11	10	11
SA5112742	25	0.28	0.05	40	42	2	1	13	11	0.25	4	2.4	0.6	1.8	2.03	0.5	0.15	17	21
SA5112743	13	0.85	0.2	140	155	3	8	35	36	0.5	22	7.7	1.3	1.9	2.20	5	0.83	72	87
SA5112744	-9	0.22	0.1	-9	30	-9	2	-9	12	-9	5	1.7	-9	-9	0.19	-9	0.14	-9	14
SA5112745	-9	0.24	0.05	-9	51	-9	3	-9	21	-9	8	4.9	-9	-9	0.16	-9	0.14	-9	23

FldNum	Br1_ppm	Ca2_pct	Cd2_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Co2_ppm	Cr1_ppm	Cr2_ppm	Cs1_ppm	Cu2_ppm	Dy2_ppm	Eu1_ppm	Fe1_pct	Fe2_pct	Hf1_ppm	K2_pct	La1_ppm	La2_ppm
SA5112746	20	0.62	0.05	27	34	4	3	5	11	0.25	5	2.0	0.6	1.7	2.04	2	0.39	13	17
SA5112747	6	2.28	0.1	69	67	8	13	39	30	0.7	2	4.6	1.8	3.1	3.26	10	2.30	34	31
SA5112748	34	0.30	0.05	14	16	1	0.5	5	5	0.25	3	1.1	0.6	0.7	0.86	0.5	0.06	6	7
SA5112749	19	0.46	0.1	43	50	4	5	13	15	0.25	6	2.7	0.7	2.4	2.63	1	0.30	21	24
SA5112750	29	0.20	0.05	14	20	2	1	5	5	0.25	7	1.2	0.25	0.4	0.39	0.5	0.07	9	11
SA5112751	23	0.15	0.05	29	32	2	1	5	6	0.25	3	1.7	0.25	0.3	0.22	0.5	0.02	13	17
SA5112752	23	0.18	0.05	5	8	2	0.5	5	2	0.25	3	0.7	0.25	0.3	0.25	0.5	0.03	3	4
SA5112753	29	0.17	0.05	10	12	3	0.5	5	3	0.25	4	0.9	0.25	0.1	0.06	0.5	0.11	6	7
SA5112754	3	2.52	0.1	69	64	7	12	41	30	0.5	2	4.8	1.7	2.7	3.09	9	2.46	30	27
SA5112755	35	0.49	0.2	63	77	4	2	5	11	0.25	13	3.3	0.7	2.0	2.46	0.5	0.14	32	42
SA5112756	32	0.17	0.05	1.5	8	2	0.5	5	3	0.25	3	0.5	0.25	0.2	0.20	0.5	0.03	2	3
SA5112757	32	0.40	0.2	42	47	6	5	5	11	0.25	9	2.2	0.6	1.8	2.16	0.5	0.15	18	22
SA5112758	23	0.62	0.2	40	95	7	5	5	14	0.5	8	2.7	0.7	22.8	22.23	1	0.24	26	26
SA5112759	29	0.21	0.05	1.5	6	2	0.5	5	2	0.25	3	0.5	0.25	0.5	0.13	0.5	0.03	2	2
SA5112760	19	0.53	0.2	33	40	3	4	14	14	0.25	5	2.0	0.7	1.2	1.46	2	0.40	16	19
SA5112761	-9	0.30	0.1	-9	14	-9	1	-9	5	-9	4	0.9	-9	-9	1.05	-9	0.12	-9	6
SA5112762	29	0.25	0.1	5	12	1	0.5	5	3	0.25	2	0.6	0.25	1.3	1.57	0.5	0.04	3	3
SA5112763	26	0.28	0.05	15	17	3	2	12	7	0.25	5	0.9	0.25	0.4	0.53	0.5	0.18	7	8
SA5112764	-9	1.19	0.1	-9	32	-9	8	-9	19	-9	6	2.4	-9	-9	1.15	-9	1.61	-9	16
SA5112765	8	1.50	0.1	51	35	3	12	31	19	1.0	3	2.2	1.3	1.2	1.25	16	2.68	23	18
SA5112766	29	0.12	0.05	1.5	5	2	0.5	5	3	0.25	3	0.4	0.25	0.5	0.07	0.5	0.06	2	3
SA5112767	23	0.35	0.05	1.5	2	2	0.5	5	1	0.25	1	0.2	0.25	0.1	0.14	0.5	0.02	0.5	0.5
SA5112768	26	0.26	0.05	1.5	2	1	0.5	5	1	0.25	2	0.1	0.25	0.2	0.11	0.5	0.01	0.5	0.5
SA5112769	20	0.17	0.05	1.5	13	1	0.5	5	4	0.25	5	0.5	0.25	0.1	0.13	0.5	0.03	7	9
SA5112770	28	0.12	0.05	1.5	5	2	0.5	5	3	0.25	2	0.1	0.25	0.2	0.10	0.5	0.03	3	3
SA5112771	24	0.41	0.1	14	17	1	3	5	8	0.25	5	0.8	0.25	0.2	0.21	2	0.46	11	12
SA5112772	2	2.50	0.1	120	101	11	16	56	39	1.0	10	6.0	2.6	3.2	3.00	12	2.70	59	50
SA5112773	-9	0.90	0.1	-9	25	-9	7	-9	17	-9	3	1.7	-9	-9	0.83	-9	1.19	-9	14
SA5112774	18	0.18	0.05	1.5	5	1	0.5	5	3	0.25	3	0.05	0.25	0.2	0.15	0.5	0.04	2	3
SA5112775	23	0.83	0.2	43	49	3	3	14	19	0.25	7	1.9	0.25	1.2	1.41	0.5	0.29	22	27
SA5112776	85	0.20	0.05	433	6	7	0.5	5	3	0.25	4	0.1	2.6	1.3	0.07	0.5	0.04	227	3
SA5112777	-9	0.53	0.4	-9	372	-9	4	-9	28	-9	38	8.6	-9	-9	1.28	-9	0.13	-9	240
SA5112778	51	0.63	0.5	315	336	6	6	42	24	0.25	29	11.6	1.7	1.6	1.71	0.5	0.09	173	203
SA5112779	16	0.52	0.1	76	78	1	3	5	9	0.25	11	3.0	0.25	0.5	0.63	0.5	0.22	37	46
SA5112780	43	0.28	0.1	65	67	4	3	5	7	0.25	15	3.0	0.7	0.3	0.24	0.5	0.18	32	40
SA5112781	44	0.83	0.2	220	213	6	7	32	20	0.8	44	9.1	1.7	1.0	1.09	2	0.60	108	122
SA5112782	16	1.69	0.2	92	90	6	14	26	20	0.7	7	7.9	1.5	2.7	2.82	19	1.48	43	45
SA5112783	47	0.51	0.1	100	108	3	4	16	15	0.25	20	4.0	0.9	0.8	0.78	1	0.31	56	65
SA5112784	9	2.50	0.3	230	215	13	20	58	43	2.0	35	13.2	3.1	4.6	4.44	14	2.58	129	124
SA5112785	59	0.68	0.2	92	84	4	1	5	6	0.25	15	3.7	0.25	0.7	0.72	0.5	0.08	41	45
SA5112786	58	0.37	0.2	39	32	3	1	5	6	0.25	8	1.2	0.6	0.5	0.40	0.5	0.09	17	18
SA5112787	-9	2.06	0.2	-9	41	-9	12	-9	19	-9	0.5	6.9	-9	-9	3.22	-9	3.84	-9	15
SA5112788	10	2.67	0.3	83	86	11	24	32	30	0.7	4	11.8	1.8	3.8	4.16	20	1.75	35	40

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5111891	1.3	29.44	0.025	0.05	0.5	0.5	1	0.05	0.09	4	4	717	6	2.5	6	0.05	1.6	2.2
SA5111892	0.9	40.14	0.06	0.05	0.5	0.5	4	0.13	0.18	3	3	440	5	6	8	0.05	2.0	2.8
SA5111893	1.3	38.33	0.78	0.11	247	0.5	3	0.14	0.17	4	0.5	945	4	6	10	0.05	3.5	4.9
SA5111894	5.0	30.76	0.33	0.37	245	0.5	0.5	0.62	0.76	8	7	1611	6	22	24	0.05	6.0	7.7
SA5111895	1.5	37.37	0.15	0.10	52	0.5	0.5	0.13	0.17	5	2	679	3	6	8	0.05	2.5	3.6
SA5111896	0.05	97.66	0.025	0.09	0.5	0.5	0.5	0.025	0.03	0.5	0.5	288	9	2.5	1	0.05	0.2	0.2
SA5111897	4.3	38.01	0.21	0.22	116	0.5	2	0.39	0.48	6	6	542	5	15	15	0.05	4.4	5.7
SA5111898	2.5	37.08	0.23	0.20	115	0.5	1	0.45	0.55	5	4	527	4	12	15	0.05	4.1	5.2
SA5111899	3.2	35.77	0.025	0.18	27	5	5	0.15	0.14	3	6	921	1	2.5	5	0.05	3.0	3.7
SA5111900	0.05	98.14	0.025	0.04	0.5	0.5	0.5	0.025	0.03	0.5	0.5	166	1	2.5	1	0.05	0.2	0.3
SA5111901	0.8	52.86	0.40	0.05	14	0.5	1	0.06	0.07	3	6	1801	2	2.5	5	0.05	4.0	4.9
SA5111902	2.1	42.57	0.23	0.15	89	0.5	1	0.23	0.24	7	5	1771	4	6	9	0.05	4.4	5.3
SA5111903	0.05	97.62	0.05	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	265	2	2.5	1	0.05	0.4	0.4
SA5111904	2.2	44.84	0.57	0.31	287	0.5	0.5	1.10	1.19	16	4	917	12	27	32	0.05	7.2	7.5
SA5111905	1.7	46.07	0.35	0.16	91	0.5	1	0.36	0.41	7	3	658	8	12	13	0.05	4.5	5.0
SA5111906	0.05	93.40	0.21	0.01	0.5	0.5	0.5	0.09	0.09	2	2	320	2	2.5	4	0.05	1.6	2.0
SA5111907	28.5	10.45	1.20	1.98	842	0.5	2	1.80	1.79	16	28	1611	10	110	118	0.05	20.3	19.5
SA5111908	2.0	38.25	0.19	0.15	82	0.5	0.5	0.19	0.21	4	4	1317	3	7	9	0.05	3.5	4.2
SA5111909	1.8	47.46	0.23	0.12	71	0.5	0.5	0.19	0.22	3	5	791	8	2.5	6	0.2	3.0	3.8
SA5111910	0.3	43.37	0.16	0.05	244	0.5	0.5	0.025	0.04	2	1	612	4	2.5	2	0.05	1.6	2.5
SA5111911	1.5	31.86	0.22	0.10	93	0.5	1	0.13	0.16	5	3	1685	2	6	6	0.05	2.6	3.9
SA5111912	0.05	94.76	0.025	0.01	0.5	1	0.5	0.025	0.03	0.5	3	365	8	2.5	3	0.1	0.5	0.8
SA5111913	0.5	60.89	0.11	0.05	9	0.5	0.5	0.10	0.11	4	4	898	8	2.5	6	0.1	3.3	4.0
SA5111914	1.8	48.17	0.25	0.11	58	0.5	0.5	0.19	0.21	5	5	1025	10	6	6	0.1	4.6	5.5
SA5111915	0.5	51.40	0.11	0.07	41	0.5	0.5	0.19	0.22	4	2	803	3	7	8	0.05	2.8	3.3
SA5111916	0.9	39.81	0.11	0.05	13	0.5	1	0.07	0.10	4	3	560	9	6	7	0.1	2.3	2.8
SA5111917	0.9	40.77	0.39	0.05	77	0.5	1	0.06	0.06	5	5	2154	7	2.5	3	0.05	3.0	3.7
SA5111918	19.1	8.75	0.78	1.43	708	0.5	2	2.20	2.31	18	21	2123	13	110	108	0.05	15.2	15.4
SA5111919	1.1	46.92	0.49	0.08	42	0.5	1	0.06	0.06	5	6	2365	3	2.5	5	0.05	3.3	4.7
SA5111920	0.9	76.74	6.96	0.08	0.5	24	24	0.05	0.05	5	12	1475	22	2.5	2	0.05	21.3	25.0
SA5111921	0.3	45.49	0.25	0.03	0.5	0.5	0.5	0.06	0.07	2	4	287	3	2.5	4	0.05	1.9	3.0
SA5111922	0.9	34.00	0.07	0.07	28	0.5	1	0.09	0.11	3	2	830	3	2.5	5	0.05	2.0	2.7
SA5111923	0.9	52.61	0.20	0.10	80	0.5	2	0.15	0.17	5	3	1636	4	2.5	7	0.05	3.2	4.1
SA5111924	1.2	78.62	0.30	0.12	75	0.5	1	0.22	0.26	7	3	1489	11	8	10	0.05	4.1	4.9
SA5111925	3.4	42.40	0.23	0.19	102	0.5	0.5	0.13	0.15	5	4	2139	7	7	9	0.05	3.3	4.3
SA5111926	0.8	26.74	0.11	0.09	63	0.5	0.5	0.33	0.44	6	0.5	401	6	14	15	0.05	2.2	2.8
SA5111927	1.8	45.96	0.23	0.09	34	0.5	0.5	0.06	0.07	5	6	2064	5	2.5	4	0.05	3.2	4.2
SA5111928	1.6	31.28	0.12	0.11	57	0.5	1	0.18	0.23	5	2	592	5	8	9	0.05	2.3	3.4
SA5111929	0.6	36.94	0.13	0.05	6	0.5	0.5	0.08	0.09	3	2	455	4	2.5	4	0.05	2.2	3.2
SA5111930	0.05	95.57	0.025	0.03	0.5	0.5	0.5	0.025	0.02	0.5	0.5	351	28	2.5	1	0.2	0.3	0.4
SA5111931	0.5	80.22	0.17	0.07	23	0.5	0.5	0.18	0.21	4	3	599	12	7	7	0.1	3.3	4.2
SA5111932	0.05	95.75	0.08	0.03	3	1	0.5	0.025	0.04	1	0.5	389	4	3	1	0.05	1.3	1.7
SA5111933	2.4	41.70	0.28	0.26	290	3	3	0.77	0.91	7	4	562	9	20	22	0.05	4.9	5.7
SA5111934	1.0	37.31	0.06	0.09	44	0.5	1	0.19	0.24	3	2	533	5	8	9	0.05	2.1	2.9
SA5111935	2.2	28.79	0.23	0.17	103	0.5	1	0.24	0.31	4	4	1066	3	5	10	0.05	3.5	4.6
SA5111936	0.4	33.89	0.09	0.04	18	0.5	0.5	0.12	0.15	2	0.5	506	3	5	4	0.05	1.7	2.4
SA5111937	0.05	92.07	0.025	0.02	5	0.5	0.5	0.10	0.11	0.5	2	356	5	2.5	4	0.05	1.5	1.9
SA5111938	0.05	93.67	0.05	0.04	0.5	0.5	0.5	0.025	0.02	0.5	0.5	359	8	2.5	1	0.05	0.5	0.7
SA5111939	1.2	73.71	0.37	0.16	60	2	3	0.08	0.06	2	8	3173	2	2.5	4	0.05	5.9	6.4
SA5111940	1.0	46.70	0.10	0.07	77	0.5	0.5	0.11	0.13	2	4	941	2	2.5	7	0.05	2.7	3.4
SA5111941	1.2	42.12	0.17	0.12	101	0.5	0.5	0.66	0.75	5	3	479	6	16	18	0.05	4.0	4.7
SA5111942	0.05	96.19	0.06	0.005	2	0.5	0.5	0.09	0.09	0.5	0.5	206	3	5	3	0.05	1.0	1.1
SA5111943	9.3	24.12	0.77	0.75	463	0.5	2	1.10	1.18	10	17	2266	5	49	45	0.05	11.5	12.4
SA5111944	0.05	63.32	0.025	0.02	9	0.5	0.5	0.025	0.04	0.5	2	453	1	2.5	4	0.05	2.3	2.7
SA5111945	0.05	96.48	0.08	0.03	0.5	0.5	0.5	0.025	0.02	0.5	0.5	353	2	2.5	1	0.05	0.4	0.5
SA5111946	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111947	2.5	30.00	0.09	0.10	61	0.5	2	0.21	0.25	8	2	560	5	2.5	10	0.05	2.3	2.8

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5111948	1.1	50.17	0.14	0.10	78	0.5	0.5	0.26	0.35	7	4	1017	10	9	9	0.05	3.1	4.1
SA5111949	1.3	47.09	1.00	0.09	713	0.5	2	0.11	0.10	7	13	3017	7	2.5	6	0.05	8.9	10.0
SA5111950	0.05	93.92	0.05	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	428	3	2.5	1	0.1	0.7	0.8
SA5111951	0.9	41.31	0.20	0.07	125	0.5	0.5	0.09	0.09	4	3	849	13	2.5	4	0.1	2.8	3.7
SA5111952	1.5	38.05	0.23	0.13	174	0.5	1	0.15	0.19	6	5	957	10	2.5	9	0.05	3.4	4.2
SA5111953	0.9	29.12	0.10	0.05	17	0.5	0.5	0.07	0.08	2	2	611	4	2.5	3	0.05	1.8	2.4
SA5111954	0.6	30.89	0.08	0.05	41	0.5	1	0.10	0.13	3	1	524	6	2.5	7	0.05	1.8	2.4
SA5111955	1.1	30.10	0.36	0.08	22	0.5	1	0.12	0.13	2	5	431	3	2.5	5	0.05	3.3	4.4
SA5111956	2.8	29.68	0.08	0.16	68	0.5	0.5	0.21	0.28	3	4	567	6	7	13	0.05	2.4	3.4
SA5111957	0.5	39.05	0.09	0.04	14	0.5	0.5	0.10	0.12	3	2	668	7	2.5	6	0.05	2.3	3.1
SA5111958	0.8	35.72	1.00	0.08	3180	3	2	0.11	0.06	2	15	1552	2	2.5	6	0.05	8.0	7.6
SA5111959	1.6	50.04	0.75	0.10	437	2	5	0.07	0.10	5	15	3042	4	2.5	7	0.05	6.3	9.9
SA5111960	2.2	71.58	0.37	0.19	192	2	4	0.37	0.38	5	7	3822	18	9	13	0.05	6.1	6.5
SA5111961	2.5	52.36	0.50	0.19	371	4	4	0.16	0.18	2	8	567	3	9	11	0.05	4.2	5.1
SA5111962	0.05	89.24	0.11	0.03	0.5	0.5	0.5	0.07	0.08	1	2	382	4	2.5	1	0.05	1.7	2.2
SA5111963	0.6	43.41	0.16	0.07	40	0.5	0.5	0.17	0.21	2	3	569	4	7	7	0.05	2.4	3.2
SA5111964	2.2	46.24	0.23	0.18	108	0.5	0.5	0.25	0.31	4	7	680	11	10	10	0.2	3.5	4.6
SA5111965	1.5	72.08	0.31	0.11	157	0.5	2	0.21	0.22	4	6	3990	6	2.5	8	0.05	5.2	6.0
SA5111966	1.5	52.40	0.18	0.09	91	0.5	2	0.16	0.17	4	7	3396	3	2.5	8	0.05	4.5	6.0
SA5111967	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111968	0.05	90.48	0.025	0.005	0.5	0.5	0.5	0.025	0.04	0.5	1	266	3	2.5	1	0.05	0.5	0.7
SA5111969	0.05	78.83	0.06	0.005	0.5	0.5	0.5	0.025	0.04	0.5	0.5	230	1	2.5	1	0.05	0.6	0.6
SA5111970	0.05	97.87	0.025	0.02	0.5	0.5	0.5	0.025	0.03	0.5	0.5	304	2	2.5	1	0.05	0.6	0.7
SA5111971	5.4	18.20	0.58	0.85	900	0.5	0.5	1.00	1.21	18	12	1731	10	24	28	0.05	11.8	15.0
SA5111972	1.0	21.13	0.17	0.10	379	0.5	0.5	0.15	0.19	3	5	751	3	5	7	0.05	2.7	3.7
SA5111973	1.0	36.03	0.18	0.07	35	0.5	0.5	0.07	0.08	1	3	910	2	2.5	1	0.05	2.5	3.4
SA5111974	0.6	38.05	0.15	0.05	17	0.5	1	0.06	0.07	1	5	784	1	2.5	3	0.05	2.3	3.1
SA5111975	1.5	36.84	0.33	0.14	137	0.5	1	0.17	0.20	3	7	1761	2	7	7	0.05	4.3	5.6
SA5111976	1.5	37.50	0.25	0.12	132	0.5	2	0.21	0.25	4	4	1799	4	6	7	0.05	3.5	4.2
SA5111977	1.2	73.98	0.11	0.06	105	0.5	1	0.51	0.62	13	3	817	11	20	20	0.05	4.4	4.7
SA5111978	1.6	53.30	0.71	0.12	71	2	2	0.13	0.17	3	9	1852	3	6	9	0.05	4.8	6.5
SA5111979	1.0	33.46	0.14	0.05	33	0.5	2	0.10	0.11	4	3	1416	2	2.5	3	0.05	2.7	3.7
SA5111980	1.9	31.33	0.15	0.15	200	7	6	0.27	0.34	3	5	825	3	12	11	0.05	3.7	5.1
SA5111981	0.9	25.64	0.11	0.10	62	0.5	1	0.28	0.38	2	2	654	4	10	9	0.05	2.0	2.7
SA5111982	0.7	17.22	0.12	0.07	24	0.5	0.5	0.12	0.17	2	1	766	3	2.5	4	0.05	2.0	2.8
SA5111983	1.0	38.41	0.51	0.08	319	2	3	0.10	0.08	4	6	3197	2	2.5	2	0.05	3.9	4.6
SA5111984	0.6	36.32	0.10	0.07	36	0.5	0.5	0.23	0.14	3	3	1559	1	2.5	2	0.05	2.3	3.1
SA5111985	0.6	33.82	0.54	0.11	222	10	8	0.16	0.05	4	17	3195	0.5	2.5	3	0.05	5.2	6.0
SA5111986	1.2	23.77	0.06	0.08	33	0.5	0.5	0.25	0.12	2	3	581	12	2.5	1	0.05	1.9	2.6
SA5111987	1.2	31.79	0.20	0.08	58	2	2	0.09	0.08	2	9	1072	0.5	2.5	2	0.05	2.4	3.5
SA5111988	1.1	30.88	0.20	0.10	110	0.5	0.5	0.13	0.12	2	6	1242	0.5	2.5	1	0.05	2.8	3.9
SA5111989	1.4	42.89	0.22	0.12	90	0.5	0.5	0.19	0.18	3	7	1065	2	5	6	0.05	4.3	5.8
SA5111990	2.2	37.71	0.16	0.21	162	0.5	0.5	0.30	0.36	3	7	528	5	8	11	0.05	3.3	4.4
SA5111991	0.05	96.51	0.025	0.03	17	0.5	0.5	0.05	0.03	0.5	0.5	305	3	2.5	1	0.05	0.3	0.3
SA5111992	0.5	27.72	0.12	0.05	44	0.5	0.5	0.08	0.07	2	2	917	0.5	2.5	1	0.05	1.8	2.4
SA5111993	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111994	0.05	97.27	0.10	0.01	7	0.5	0.5	0.07	0.02	0.5	0.5	281	4	2.5	1	0.2	0.7	0.8
SA5111995	0.4	31.00	0.14	0.05	33	0.5	0.5	0.15	0.11	2	1	443	4	7	5	0.05	2.0	2.7
SA5111996	0.9	33.70	0.39	0.13	633	3	4	0.08	0.05	2	14	2851	0.5	2.5	3	0.05	3.9	4.9
SA5111997	0.5	24.47	0.13	0.04	53	0.5	0.5	0.10	0.08	2	2	988	4	2.5	1	0.05	1.8	2.6
SA5111998	0.05	98.00	0.025	0.03	8	0.5	0.5	0.025	0.03	0.5	0.5	203	2	2.5	1	0.05	0.2	0.3
SA5111999	1.9	31.24	0.19	0.15	182	0.5	1	0.19	0.21	2	8	807	6	7	6	0.05	3.1	4.1
SA5112000	0.5	46.53	0.12	0.05	21	0.5	0.5	0.11	0.10	2	1	647	3	2.5	1	0.05	1.9	2.6
SA5112001	8.3	2.98	0.81	1.25	1070	1	1	2.50	2.65	24	17	3145	8	68	67	0.05	19.4	21.6
SA5112002	0.1	95.82	0.06	0.09	29	0.5	0.5	0.08	0.08	0.5	0.5	265	3	2.5	3	0.05	0.6	0.8
SA5112003	3.3	33.36	0.45	0.54	459	3	4	1.10	1.20	8	10	1289	4	26	25	0.05	9.2	10.3
SA5112004	0.05	97.05	0.52	0.03	2	4	0.5	1.10	0.03	0.5	0.5	236	3	27	1	0.05	9.3	0.4

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112005	0.05	97.47	0.025	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	235	2	2.5	1	0.05	0.3	0.3
SA5112006	0.05	98.29	0.11	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	227	3	2.5	1	0.05	0.3	0.4
SA5112007	2.4	51.27	0.25	0.45	619	0.5	0.5	1.20	1.39	24	5	772	13	33	33	0.2	10.2	11.3
SA5112008	2.8	36.30	0.16	0.30	248	0.5	0.5	0.66	0.75	6	5	596	7	14	17	0.2	5.8	7.1
SA5112009	0.05	98.43	0.025	0.005	0.5	0.5	0.5	0.025	0.02	0.5	0.5	227	3	2.5	1	0.05	0.3	0.3
SA5112010	0.05	97.93	0.025	0.02	0.5	0.5	0.5	0.025	0.03	0.5	0.5	238	4	2.5	1	0.2	0.3	0.4
SA5112011	0.05	84.92	0.08	0.02	37	0.5	0.5	0.025	0.05	0.5	5	268	4	2.5	1	0.2	1.0	1.3
SA5112012	0.05	97.94	0.025	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	195	1	2.5	1	0.05	0.4	0.5
SA5112013	0.05	98.09	0.025	0.03	7	0.5	0.5	0.025	0.02	0.5	0.5	248	7	2.5	1	0.05	0.2	0.3
SA5112014	7.4	3.42	0.73	1.12	846	0.5	0.5	2.60	2.53	21	13	3133	9	62	58	0.05	18.2	17.0
SA5112015	0.05	97.17	0.025	0.03	7	0.5	0.5	0.05	0.05	0.5	0.5	269	5	2.5	1	0.05	0.5	0.4
SA5112016	0.05	98.46	0.025	0.04	0.5	0.5	0.5	0.025	0.02	0.5	0.5	187	3	2.5	1	0.05	0.2	0.2
SA5112017	0.05	97.95	0.025	0.01	0.5	0.5	0.5	0.025	0.02	0.5	0.5	198	4	2.5	1	0.05	0.4	0.4
SA5112018	4.9	5.08	0.73	1.02	1074	0.5	0.5	2.80	2.71	29	10	1718	11	59	53	0.05	20.6	18.8
SA5112019	0.05	98.12	0.06	0.01	0.5	0.5	0.5	0.025	0.02	0.5	0.5	324	2	2.5	1	0.1	0.6	0.8
SA5112020	0.05	97.35	0.025	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	309	3	2.5	1	0.05	0.2	0.2
SA5112021	4.4	8.51	0.68	0.87	1060	0.5	0.5	2.70	2.60	37	9	781	17	66	67	0.05	17.6	15.6
SA5112022	0.05	97.14	0.025	0.02	11	0.5	0.5	0.11	0.06	0.5	0.5	211	4	2.5	2	0.05	0.6	0.7
SA5112023	0.05	98.38	0.025	0.02	5	0.5	0.5	0.09	0.01	0.5	0.5	271	5	2.5	1	0.05	0.2	0.2
SA5112024	0.05	97.18	0.025	0.02	0.5	0.5	0.5	0.13	0.02	0.5	0.5	301	8	2.5	1	0.1	0.4	0.5
SA5112025	0.05	97.99	0.025	0.02	4	0.5	0.5	0.13	0.02	0.5	0.5	266	5	2.5	1	0.05	0.4	0.5
SA5112026	0.05	95.31	0.025	0.02	3	0.5	0.5	0.08	0.03	0.5	0.5	374	3	2.5	1	0.05	0.7	0.9
SA5112027	0.05	98.06	0.025	0.02	0.5	0.5	0.5	0.07	0.01	0.5	0.5	243	1	2.5	1	0.05	0.2	0.2
SA5112028	0.05	98.37	0.025	0.02	0.5	0.5	0.5	0.06	0.01	0.5	0.5	337	2	2.5	1	0.05	0.1	0.2
SA5112029	0.05	97.49	0.025	0.02	5	0.5	0.5	0.08	0.04	0.5	0.5	213	5	2.5	1	0.1	0.5	0.4
SA5112030	0.05	98.37	0.025	0.01	0.5	0.5	0.5	0.07	0.01	0.5	0.5	246	3	2.5	1	0.05	0.2	0.2
SA5112031	0.05	98.52	0.025	0.005	0.5	0.5	0.5	0.09	0.02	0.5	0.5	244	2	2.5	1	0.05	0.4	0.4
SA5112032	0.6	32.71	0.28	0.08	15	0.5	0.5	0.17	0.10	0.5	0.5	1600	5	2.5	1	0.05	2.9	3.6
SA5112033	5.2	15.46	0.52	0.80	616	0.5	0.5	1.60	1.73	14	10	1108	7	42	43	0.05	12.7	13.6
SA5112034	0.05	96.01	0.07	0.03	5	0.5	0.5	0.11	0.04	0.5	0.5	296	4	2.5	1	0.05	0.3	0.4
SA5112035	0.05	97.56	0.025	0.03	6	0.5	0.5	0.09	0.02	0.5	0.5	311	4	2.5	1	0.05	0.4	0.3
SA5112036	1.6	35.78	0.36	0.09	52	0.5	0.5	0.19	0.18	4	5	1190	5	8	9	0.05	2.6	3.6
SA5112037	0.05	97.72	0.025	0.005	0.5	0.5	0.5	0.05	0.03	0.5	0.5	376	3	2.5	1	0.05	0.6	0.7
SA5112038	1.5	27.50	0.06	0.10	31	0.5	0.5	0.16	0.15	2	2	941	4	7	7	0.05	1.9	2.5
SA5112039	0.2	28.60	0.07	0.03	5	0.5	0.5	0.07	0.06	0.5	2	616	4	2.5	2	0.05	1.0	1.3
SA5112040	0.05	85.65	0.60	0.02	0.5	0.5	1	0.06	0.04	1	4	604	4	2.5	1	0.05	4.2	5.4
SA5112041	0.05	98.19	0.025	0.01	0.5	0.5	0.5	0.025	0.02	0.5	0.5	225	2	2.5	1	0.05	0.3	0.4
SA5112042	0.05	97.40	0.025	0.01	0.5	0.5	0.5	0.06	0.03	0.5	0.5	197	2	2.5	1	0.1	0.5	0.5
SA5112043	0.05	97.51	0.025	0.05	10	0.5	0.5	0.06	0.03	0.5	0.5	274	4	2.5	1	0.05	0.4	0.4
SA5112044	0.05	97.67	0.025	0.02	0.5	0.5	0.5	0.08	0.02	0.5	0.5	248	1	2.5	1	0.05	0.2	0.3
SA5112045	0.05	96.95	0.025	0.02	8	0.5	0.5	0.05	0.03	0.5	0.5	312	8	2.5	1	0.2	0.4	0.4
SA5112046	0.05	96.39	0.025	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	277	3	2.5	1	0.05	0.2	0.3
SA5112047	0.05	97.88	0.025	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	200	13	2.5	1	0.3	0.1	0.2
SA5112048	0.05	97.62	0.025	0.02	0.5	0.5	0.5	0.025	0.01	0.5	0.5	414	6	2.5	1	0.05	0.6	0.6
SA5112049	0.05	98.25	0.05	0.02	0.5	0.5	0.5	0.025	0.02	0.5	0.5	262	3	2.5	1	0.05	0.3	0.3
SA5112050	0.05	98.29	0.025	0.02	0.5	0.5	0.5	0.05	0.02	0.5	0.5	281	15	2.5	1	0.2	0.2	0.2
SA5112051	0.05	98.35	0.06	0.02	2	0.5	0.5	0.025	0.01	0.5	0.5	218	11	2.5	1	0.2	0.3	0.2
SA5112052	6.6	8.03	0.58	0.93	675	0.5	1	2.30	2.25	14	13	1647	8	48	50	0.05	16.0	15.8
SA5112053	0.05	97.60	0.025	0.02	0.5	0.5	0.5	0.08	0.03	0.5	0.5	212	16	2.5	1	0.05	0.9	0.7
SA5112054	0.05	95.72	0.09	0.03	26	0.5	0.5	0.08	0.02	0.5	0.5	345	3	2.5	1	0.05	0.7	1.1
SA5112055	0.05	97.50	-9	0.01	25	-9	0.5	-9	0.04	0.5	0.5	181	5	-9	2	-9	-9	0.6
SA5112056	0.05	97.82	0.07	0.01	20	0.5	0.5	0.025	0.03	0.5	0.5	214	3	2.5	2	0.1	0.4	0.5
SA5112057	0.05	97.53	0.09	0.03	22	0.5	0.5	0.025	0.02	0.5	0.5	256	2	2.5	1	0.05	0.7	0.9
SA5112058	0.05	96.77	0.10	0.02	38	0.5	0.5	0.025	0.04	0.5	0.5	287	3	2.5	1	0.05	0.9	1.1
SA5112059	1.9	28.26	0.27	0.27	219	0.5	0.5	0.58	0.66	4	7	549	5	13	18	0.05	4.7	5.6
SA5112060	0.4	78.83	0.15	0.08	63	0.5	0.5	0.15	0.14	1	0.5	327	2	2.5	5	0.05	1.6	1.7
SA5112061	0.05	97.87	0.025	0.05	27	0.5	0.5	0.025	0.02	0.5	0.5	200	4	2.5	1	0.05	0.3	0.3

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112062	4.4	18.20	0.45	0.66	665	0.5	0.5	1.40	1.57	10	11	1589	4	30	36	0.05	12.2	13.9
SA5112063	0.05	98.20	0.06	0.08	43	0.5	0.5	0.025	0.02	0.5	0.5	282	2	2.5	1	0.05	0.2	0.2
SA5112064	4.2	15.82	0.53	0.76	770	0.5	0.5	1.60	1.78	12	12	1690	8	35	39	0.2	13.5	16.1
SA5112065	0.05	96.36	0.025	0.04	43	0.5	0.5	0.07	0.07	0.5	0.5	265	14	2.5	4	0.3	0.4	0.6
SA5112066	0.05	97.89	-9	0.03	28	-9	0.5	-9	0.03	0.5	0.5	180	3	-9	2	-9	-9	0.4
SA5112067	0.05	84.82	0.33	0.04	64	0.5	0.5	0.08	0.07	1	4	909	7	2.5	1	0.05	4.3	5.5
SA5112068	0.05	67.40	-9	0.04	24	-9	0.5	-9	0.05	0.5	1	849	11	-9	3	-9	-9	0.8
SA5112069	0.05	98.02	0.025	0.04	37	0.5	0.5	0.025	0.02	0.5	0.5	278	2	2.5	1	0.05	0.6	0.6
SA5112070	1.4	38.48	0.31	0.17	194	0.5	0.5	0.34	0.42	3	8	728	5	10	15	0.05	4.7	5.8
SA5112071	0.05	98.31	0.025	0.03	31	0.5	0.5	0.025	0.02	0.5	0.5	323	3	2.5	1	0.05	0.3	0.4
SA5112072	0.2	95.44	-9	0.04	48	-9	0.5	-9	0.10	0.5	0.5	281	13	-9	4	-9	-9	0.8
SA5112073	5.5	15.82	0.69	1.10	1014	0.5	0.5	2.00	2.15	12	16	1993	7	43	46	0.05	16.3	18.1
SA5112074	0.1	89.24	0.09	0.07	111	0.5	0.5	0.10	0.12	0.5	3	546	8	2.5	6	0.2	1.5	1.9
SA5112075	0.05	97.49	0.05	0.01	22	0.5	0.5	0.025	0.02	0.5	0.5	398	5	2.5	3	0.05	0.6	0.7
SA5112076	0.05	97.99	0.025	0.01	21	0.5	0.5	0.025	0.01	0.5	0.5	364	3	2.5	3	0.05	0.2	0.2
SA5112077	0.3	41.89	0.06	0.11	93	0.5	0.5	0.12	0.15	1	9	902	5	2.5	6	0.2	2.5	3.7
SA5112078	2.8	27.34	0.29	0.33	324	0.5	0.5	0.50	0.61	4	5	1239	4	11	14	0.05	6.9	9.0
SA5112079	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112080	0.05	94.00	0.025	0.02	32	0.5	0.5	0.025	0.02	0.5	0.5	375	4	2.5	3	0.05	0.3	0.4
SA5112081	0.05	97.34	0.025	0.01	20	0.5	0.5	0.025	0.02	0.5	0.5	210	2	2.5	1	0.05	0.5	0.6
SA5112082	0.05	97.86	-9	0.01	30	-9	0.5	-9	0.04	0.5	10	166	2	-9	5	-9	-9	0.4
SA5112083	0.05	97.65	0.025	0.01	23	0.5	0.5	0.025	0.02	0.5	0.5	198	1	2.5	1	0.05	0.5	0.6
SA5112084	0.2	-9	0.05	0.02	21	0.5	0.5	0.025	0.04	0.5	0.5	208	9	2.5	1	0.1	0.5	0.6
SA5112085	0.05	98.16	0.025	0.02	23	0.5	0.5	0.025	0.02	0.5	0.5	257	3	2.5	1	0.05	0.2	0.3
SA5112086	0.05	97.67	0.025	0.02	29	0.5	0.5	0.025	0.02	0.5	0.5	309	3	2.5	1	0.05	0.2	0.2
SA5112087	0.05	98.17	0.025	0.005	17	0.5	0.5	0.025	0.02	0.5	1	199	3	2.5	1	0.05	0.3	0.3
SA5112088	0.05	98.14	0.025	0.01	20	0.5	0.5	0.025	0.02	0.5	0.5	260	3	2.5	1	0.05	0.2	0.2
SA5112089	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112090	0.05	98.45	0.025	0.005	24	0.5	0.5	0.025	0.02	0.5	0.5	246	2	2.5	1	0.05	0.5	0.5
SA5112091	0.05	95.65	0.05	0.02	49	0.5	0.5	0.025	0.04	0.5	0.5	302	4	2.5	1	0.05	0.9	1.3
SA5112092	0.05	96.42	0.07	0.02	43	0.5	0.5	0.025	0.03	0.5	3	325	0.5	2.5	1	0.05	0.6	0.8
SA5112093	0.2	21.84	0.15	0.06	106	0.5	0.5	0.12	0.14	2	1	1491	8	2.5	5	0.2	3.2	4.6
SA5112094	0.05	97.57	0.025	0.02	28	0.5	0.5	0.025	0.02	0.5	0.5	469	4	2.5	2	0.05	0.2	0.2
SA5112095	0.3	25.85	0.025	0.03	26	0.5	2	0.07	0.08	2	0.5	315	3	2.5	6	0.05	1.2	1.7
SA5112096	0.2	47.22	0.14	0.04	37	0.5	0.5	0.025	0.06	3	2	506	4	2.5	7	0.05	2.2	3.1
SA5112097	3.7	30.14	0.28	0.20	153	0.5	0.5	0.43	0.53	6	3	604	5	14	20	0.05	3.3	4.6
SA5112098	9.0	24.71	0.49	0.82	688	4	3	1.60	1.90	24	11	1202	13	53	65	0.05	10.3	13.1
SA5112099	0.4	41.56	0.22	0.04	62	0.5	0.5	0.025	0.05	4	4	1948	3	2.5	9	0.05	2.8	4.2
SA5112100	0.05	97.40	0.05	0.01	25	0.5	0.5	0.025	0.03	0.5	4	232	4	2.5	2	0.1	0.5	0.6
SA5112101	0.05	96.91	0.025	0.03	29	0.5	0.5	0.06	0.06	0.5	0.5	278	8	2.5	5	0.1	0.3	0.4
SA5112102	1.3	21.84	0.11	0.10	65	0.5	0.5	0.12	0.15	2	0.5	516	2	6	6	0.05	1.5	2.0
SA5112103	0.05	97.15	0.025	0.09	50	0.5	0.5	0.025	0.03	0.5	0.5	171	2	2.5	4	0.05	0.3	0.2
SA5112104	5.6	22.41	0.44	1.61	860	0.5	3	1.50	1.72	19	22	546	6	44	52	0.05	18.5	21.8
SA5112105	0.2	38.68	0.08	0.05	46	0.5	0.5	0.08	0.08	3	1	706	3	2.5	7	0.05	2.1	2.7
SA5112106	1.7	50.68	0.26	0.11	299	5	6	0.15	0.17	7	6	2983	14	2.5	10	0.05	4.4	5.7
SA5112107	2.7	43.77	0.29	0.15	113	0.5	3	0.15	0.16	5	6	1775	5	2.5	10	0.05	5.3	7.3
SA5112108	0.05	32.62	0.025	0.02	20	0.5	0.5	0.025	0.04	2	1	352	4	2.5	7	0.05	1.4	2.2
SA5112109	0.4	31.85	0.12	0.03	57	0.5	0.5	0.06	0.06	2	2	570	4	2.5	7	0.05	1.8	2.6
SA5112110	2.2	32.34	0.21	0.34	265	0.5	1	0.63	0.77	8	5	547	10	16	24	0.05	5.2	6.7
SA5112111	0.05	98.40	0.025	0.05	26	0.5	0.5	0.025	0.02	0.5	0.5	249	2	2.5	4	0.05	0.2	0.2
SA5112112	1.0	40.51	0.29	0.07	312	0.5	2	0.06	0.06	3	4	1161	4	2.5	6	0.05	3.6	4.8
SA5112113	4.2	40.57	0.18	0.36	228	0.5	2	0.38	0.44	6	7	1437	6	12	17	0.05	5.6	7.0
SA5112114	1.4	50.56	0.15	0.09	98	0.5	2	0.09	0.09	4	6	2742	4	2.5	10	0.05	4.5	5.9
SA5112115	0.6	33.72	0.13	0.06	78	0.5	1	0.06	0.07	2	5	1682	2	2.5	7	0.05	2.9	4.1
SA5112116	0.9	29.65	0.11	0.14	112	0.5	1	0.28	0.32	4	4	479	9	7	12	0.1	3.6	4.7
SA5112117	0.05	97.89	0.06	0.02	23	0.5	0.5	0.025	0.02	0.5	0.5	231	2	2.5	4	0.05	0.3	0.4
SA5112118	1.9	30.28	0.10	0.18	157	0.5	0.5	0.28	0.40	6	3	994	4	8	16	0.05	3.0	4.7

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112119	0.05	97.85	0.025	0.02	25	0.5	0.5	0.025	0.04	0.5	0.5	239	4	2.5	4	0.1	0.4	0.3
SA5112120	1.0	41.29	0.10	0.08	72	0.5	0.5	0.14	0.17	3	3	630	8	7	11	0.1	3.0	3.9
SA5112121	0.05	39.46	0.10	0.04	81	0.5	0.5	0.10	0.10	2	0.5	747	4	2.5	7	0.05	1.6	2.2
SA5112122	0.5	37.24	0.10	0.08	89	0.5	0.5	0.17	0.19	3	2	702	2	2.5	8	0.05	3.2	3.9
SA5112123	0.05	80.46	0.025	0.05	32	0.5	0.5	0.08	0.08	2	5	771	6	2.5	9	0.05	3.1	3.4
SA5112124	1.6	44.99	0.12	0.12	132	0.5	0.5	0.10	0.12	3	8	605	1	2.5	7	0.05	4.1	5.0
SA5112125	1.3	48.30	0.38	0.14	497	4	3	0.13	0.10	4	14	2311	0.5	2.5	7	0.05	6.2	6.9
SA5112126	1.9	39.23	0.09	0.15	86	0.5	0.5	0.12	0.14	3	5	632	2	2.5	5	0.05	3.7	4.2
SA5112127	0.6	55.01	0.42	0.06	50	0.5	0.5	0.025	0.04	2	16	540	15	2.5	4	0.05	4.0	6.6
SA5112128	5.1	46.95	-9	0.37	263	-9	1	-9	0.45	10	16	940	5	-9	20	-9	-9	9.6
SA5112129	1.5	38.33	0.16	0.14	92	0.5	2	0.18	0.23	7	5	840	5	7	11	0.05	3.6	5.0
SA5112130	0.9	27.43	0.14	0.06	33	0.5	0.5	0.07	0.08	3	3	340	2	2.5	5	0.05	1.8	2.6
SA5112131	0.05	97.69	0.06	0.04	36	0.5	0.5	0.025	0.03	0.5	0.5	153	3	2.5	2	0.05	0.3	0.3
SA5112132	3.9	40.97	2.30	0.27	379	4	5	0.34	0.36	5	26	2474	5	13	15	0.05	11.9	13.9
SA5112133	0.05	95.30	0.025	0.03	29	0.5	0.5	0.025	0.03	0.5	0.5	299	4	2.5	3	0.05	0.7	0.9
SA5112134	0.05	97.30	-9	0.08	60	-9	0.5	-9	0.05	0.5	0.5	197	0.5	-9	3	-9	-9	0.2
SA5112135	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112136	0.05	98.13	0.025	0.14	49	0.5	0.5	0.025	0.02	0.5	0.5	241	4	2.5	1	0.05	0.1	0.2
SA5112137	0.05	97.48	-9	0.03	25	-9	0.5	-9	0.03	0.5	0.5	373	6	-9	2	-9	-9	0.3
SA5112138	1.1	33.94	0.10	0.06	37	0.5	1	0.07	0.09	2	5	422	4	2.5	5	0.05	2.2	2.9
SA5112139	6.2	36.42	0.18	0.29	139	0.5	1	0.26	0.26	5	11	1224	5	11	18	0.05	4.0	6.5
SA5112140	0.05	98.41	0.025	0.11	37	0.5	0.5	0.025	0.03	0.5	0.5	184	2	2.5	1	0.05	0.05	0.2
SA5112141	0.05	95.01	0.48	0.03	35	0.5	0.5	0.025	0.03	2	5	500	5	2.5	1	0.05	3.8	5.1
SA5112142	3.3	16.65	0.28	0.12	380	0.5	0.5	0.11	0.15	4	9	698	5	5	7	0.05	3.5	4.8
SA5112143	19.7	31.57	1.10	1.09	567	4	6	1.30	1.41	19	28	1257	49	70	77	0.05	14.4	15.5
SA5112144	1.0	24.72	0.12	0.06	37	0.5	0.5	0.07	0.07	2	2	364	3	2.5	5	0.05	2.5	3.2
SA5112145	0.2	39.70	0.19	0.03	52	0.5	0.5	0.05	0.06	3	2	383	10	2.5	3	0.2	2.8	3.7
SA5112146	0.8	60.32	0.29	0.06	64	0.5	0.5	0.10	0.09	5	2	572	11	2.5	4	0.05	3.6	4.3
SA5112147	2.1	45.26	0.18	0.16	158	0.5	2	0.29	0.37	7	5	721	6	2.5	12	0.05	4.4	5.9
SA5112148	0.5	29.89	0.14	0.06	61	0.5	0.5	0.11	0.13	1	0.5	529	10	2.5	5	0.05	1.6	2.2
SA5112149	2.2	24.50	0.25	0.36	325	0.5	0.5	0.62	0.86	5	7	438	4	14	20	0.1	4.8	7.0
SA5112150	0.05	97.70	0.025	0.005	25	0.5	0.5	0.025	0.03	0.5	0.5	199	1	2.5	1	0.05	0.5	0.4
SA5112151	0.05	94.75	0.15	0.02	85	0.5	0.5	0.025	0.02	0.5	6	350	2	2.5	1	0.05	1.1	1.3
SA5112152	0.05	97.65	0.025	0.01	23	0.5	0.5	0.025	0.03	0.5	1	205	3	2.5	3	0.05	0.5	0.5
SA5112153	0.05	97.35	0.09	0.02	23	0.5	0.5	0.025	0.02	0.5	0.5	296	2	2.5	1	0.05	0.5	0.7
SA5112154	0.05	97.79	0.025	0.01	21	0.5	2	0.025	0.02	0.5	0.5	189	2	2.5	4	0.05	0.4	0.3
SA5112155	0.05	96.36	0.12	0.03	41	0.5	0.5	0.025	0.04	0.5	0.5	254	3	2.5	3	0.05	0.7	0.8
SA5112156	5.2	2.18	0.68	1.01	952	0.5	0.5	3.20	3.15	18	10	2292	10	58	61	0.05	19.4	18.3
SA5112157	0.05	93.36	0.09	0.02	45	0.5	0.5	0.09	0.08	0.5	15	413	8	2.5	5	0.05	0.8	1.0
SA5112158	0.6	87.36	0.025	0.09	121	0.5	0.5	0.025	0.05	0.5	0.5	429	4	2.5	8	0.05	0.5	0.4
SA5112159	0.05	96.37	0.025	0.005	26	0.5	0.5	0.025	0.04	0.5	0.5	266	4	2.5	8	0.05	0.4	0.7
SA5112160	0.05	98.10	0.025	0.01	26	0.5	0.5	0.025	0.03	0.5	0.5	285	3	2.5	8	0.05	0.3	0.3
SA5112161	6.4	7.88	0.52	0.92	744	0.5	0.5	2.30	2.33	13	13	1764	9	59	53	0.05	14.8	15.3
SA5112162	0.05	90.40	0.07	0.03	43	0.5	0.5	0.06	0.09	0.5	0.5	605	6	2.5	12	0.05	0.8	1.1
SA5112163	0.05	98.05	0.025	0.02	40	0.5	0.5	0.025	0.02	0.5	0.5	332	1	2.5	7	0.05	0.8	0.9
SA5112164	0.05	94.70	0.11	0.02	34	0.5	0.5	0.06	0.06	0.5	0.5	344	3	2.5	7	0.05	1.3	1.8
SA5112165	5.1	6.24	0.60	0.90	813	0.5	0.5	2.60	2.60	14	11	1531	10	59	54	0.05	15.3	15.2
SA5112166	4.7	20.51	0.35	0.55	522	0.5	0.5	1.20	1.33	6	10	845	7	28	34	0.05	9.1	10.3
SA5112167	0.05	92.98	0.025	0.02	37	0.5	0.5	0.025	0.03	0.5	0.5	442	7	2.5	10	0.05	0.6	0.7
SA5112168	0.05	96.02	0.06	0.03	50	0.5	0.5	0.025	0.04	0.5	0.5	458	6	2.5	10	0.05	1.3	1.9
SA5112169	5.0	14.37	0.56	0.91	852	0.5	0.5	2.20	2.32	12	11	1677	9	42	47	0.05	16.0	16.7
SA5112170	4.8	17.88	0.42	0.66	605	0.5	0.5	1.80	1.94	12	9	1206	7	44	44	0.05	11.0	12.1
SA5112171	0.05	96.47	0.025	0.03	22	0.5	0.5	0.025	0.02	0.5	0.5	318	2	2.5	8	0.05	0.4	0.5
SA5112172	6.3	13.83	0.56	0.86	859	0.5	0.5	2.20	2.39	17	12	1752	7	51	54	0.05	14.8	15.6
SA5112173	0.05	96.79	0.025	0.02	22	0.5	0.5	0.025	0.02	0.5	0.5	317	1	2.5	3	0.05	0.2	0.4
SA5112174	0.05	76.11	0.41	0.06	25	0.5	0.5	0.025	0.04	0.5	2	392	2	2.5	1	0.05	5.9	7.5
SA5112175	5.6	11.98	0.63	1.07	916	0.5	0.5	2.40	2.46	26	12	1504	7	54	57	0.05	16.8	16.6

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112176	3.3	41.79	0.26	0.46	392	0.5	0.5	1.50	1.64	9	7	710	7	36	39	0.05	8.4	8.7
SA5112177	3.2	58.24	0.21	0.35	367	0.5	0.5	0.70	0.87	5	7	769	5	21	21	0.05	6.1	7.5
SA5112178	0.05	95.38	0.05	0.02	33	0.5	0.5	0.06	0.07	0.5	0.5	365	7	2.5	1	0.05	0.9	1.3
SA5112179	8.4	9.13	0.43	1.03	663	0.5	0.5	2.30	2.47	11	16	1626	9	62	63	0.05	14.2	15.2
SA5112180	0.3	91.01	0.025	0.06	110	0.5	0.5	0.09	0.11	0.5	2	465	3	2.5	5	0.05	0.9	1.1
SA5112181	0.05	95.00	0.025	0.01	25	0.5	0.5	0.07	0.07	0.5	0.5	599	12	2.5	5	0.3	1.3	1.7
SA5112182	0.05	96.55	0.025	0.02	26	0.5	0.5	0.025	0.02	0.5	0.5	333	6	2.5	1	0.05	0.6	0.6
SA5112183	6.9	13.36	0.40	0.92	624	0.5	0.5	2.00	2.15	10	15	1076	8	46	51	0.05	12.0	12.9
SA5112184	6.6	30.63	0.35	0.72	593	0.5	1	1.50	1.49	7	26	1743	4	39	40	0.05	10.4	11.1
SA5112185	0.05	95.52	0.025	0.06	44	0.5	0.5	0.08	0.09	0.5	0.5	379	4	2.5	3	0.05	0.5	0.7
SA5112186	0.1	87.10	0.025	0.03	93	0.5	0.5	0.11	0.10	0.5	4	535	3	2.5	4	0.05	1.5	1.9
SA5112187	0.05	94.53	0.08	0.005	35	0.5	0.5	0.025	0.04	0.5	0.5	440	5	2.5	4	0.05	0.6	0.8
SA5112188	0.05	97.27	0.025	0.01	32	0.5	0.5	0.025	0.02	0.5	0.5	340	7	2.5	1	0.05	0.5	0.6
SA5112189	0.05	96.80	0.025	0.005	14	0.5	0.5	0.025	0.01	0.5	0.5	315	3	2.5	3	0.05	0.1	0.3
SA5112190	0.8	23.86	0.13	0.10	142	0.5	0.5	0.22	0.28	2	4	823	4	8	10	0.05	2.9	4.1
SA5112191	0.05	97.10	0.025	0.04	24	0.5	0.5	0.025	0.02	0.5	0.5	237	3	2.5	2	0.05	0.3	0.3
SA5112192	1.7	29.29	0.25	0.14	145	0.5	0.5	0.18	0.21	3	4	1203	3	2.5	6	0.05	4.2	5.5
SA5112193	2.2	75.74	0.17	0.21	217	0.5	0.5	0.26	0.33	6	3	677	7	16	17	0.05	3.3	4.3
SA5112194	0.9	39.34	0.27	0.04	77	0.5	0.5	0.07	0.07	2	4	627	8	7	8	0.05	2.8	3.7
SA5112195	5.9	23.71	0.46	0.78	1005	0.5	1	1.40	1.52	13	7	762	15	33	40	0.2	12.4	13.8
SA5112196	0.9	35.35	0.32	0.06	106	0.5	0.5	0.07	0.09	3	6	1020	2	2.5	13	0.05	3.2	4.6
SA5112197	0.8	33.48	0.16	0.07	132	0.5	0.5	0.06	0.08	1	2	1441	2	2.5	9	0.05	2.6	3.9
SA5112198	1.1	37.64	0.50	0.09	152	0.5	3	0.12	0.15	3	8	946	3	2.5	11	0.05	3.5	4.6
SA5112199	1.5	28.70	0.48	0.12	955	0.5	3	0.16	0.17	2	17	2136	1	9	8	0.05	5.3	6.4
SA5112200	6.7	14.21	0.43	0.89	671	0.5	0.5	1.90	2.36	9	18	1235	7	41	49	0.05	12.0	13.2
SA5112201	1.3	36.81	0.23	0.13	187	0.5	1	0.13	0.19	3	8	834	2	2.5	7	0.05	3.9	5.2
SA5112202	0.7	44.18	-9	0.08	107	-9	0.5	-9	0.20	3	3	441	16	-9	7	-9	-9	2.7
SA5112203	2.4	31.70	0.28	0.20	265	0.5	2	0.19	0.23	3	6	2119	3	5	9	0.05	4.1	5.2
SA5112204	0.3	96.81	0.025	0.03	33	0.5	0.5	0.025	0.03	0.5	0.5	260	5	2.5	1	0.05	0.2	0.4
SA5112205	1.5	34.07	0.35	0.09	153	0.5	1	0.12	0.14	3	8	1771	2	6	7	0.05	4.8	6.1
SA5112206	0.9	63.98	-9	0.07	113	-9	1	-9	0.18	4	4	3119	8	-9	8	-9	-9	6.7
SA5112207	0.6	21.50	0.025	0.02	32	0.5	0.5	0.025	0.05	2	0.5	501	2	2.5	4	0.05	1.7	2.2
SA5112208	0.6	38.60	0.23	0.03	36	0.5	0.5	0.025	0.04	2	5	504	2	5	5	0.05	2.6	3.7
SA5112209	0.05	52.00	0.07	0.005	23	0.5	0.5	0.06	0.08	4	1	469	2	2.5	2	0.05	2.0	2.4
SA5112210	0.1	96.85	0.05	0.02	36	0.5	0.5	0.025	0.02	0.5	0.5	303	1	2.5	4	0.05	0.6	0.6
SA5112211	1.3	28.61	0.22	0.09	109	0.5	0.5	0.08	0.08	2	3	863	1	2.5	4	0.05	2.0	2.7
SA5112212	0.05	96.98	0.025	0.02	26	0.5	0.5	0.025	0.02	0.5	0.5	367	4	2.5	2	0.05	0.6	0.7
SA5112213	0.05	96.40	0.05	0.02	26	0.5	2	0.025	0.04	0.5	0.5	319	4	2.5	1	0.05	0.8	0.9
SA5112214	0.05	96.15	0.025	0.01	22	0.5	2	0.025	0.04	0.5	0.5	347	6	2.5	1	0.05	0.8	0.9
SA5112215	0.05	98.21	0.025	0.01	24	0.5	0.5	0.025	0.02	0.5	0.5	314	1	2.5	1	0.05	0.4	0.4
SA5112216	0.1	97.32	-9	0.005	24	-9	0.5	-9	0.03	0.5	0.5	312	10	-9	1	-9	-9	0.4
SA5112217	0.05	98.16	0.025	0.005	17	0.5	0.5	0.025	0.02	0.5	0.5	248	2	2.5	1	0.05	0.4	0.4
SA5112218	0.2	95.87	0.025	0.02	31	0.5	0.5	0.025	0.02	0.5	0.5	308	2	2.5	1	0.05	0.6	0.7
SA5112219	0.2	96.63	0.07	0.02	30	0.5	0.5	0.025	0.05	0.5	0.5	294	2	2.5	1	0.05	0.9	1.2
SA5112220	12.8	7.41	0.71	1.55	1057	0.5	0.5	2.20	2.36	15	21	2715	5	61	66	0.05	18.5	19.5
SA5112221	2.8	52.33	0.26	0.23	264	4	5	0.25	0.30	2	7	637	3	2.5	11	0.05	4.0	4.7
SA5112222	0.05	97.68	0.05	0.02	27	0.5	0.5	0.025	0.02	0.5	0.5	275	0.5	2.5	1	0.05	0.3	0.4
SA5112223	0.2	75.00	0.06	0.02	19	0.5	0.5	0.025	0.03	0.5	0.5	389	7	2.5	3	0.05	0.6	0.8
SA5112224	0.3	91.15	0.11	0.02	27	0.5	0.5	0.07	0.08	0.5	0.5	274	6	2.5	4	0.05	1.0	1.1
SA5112225	1.7	33.80	0.22	0.13	141	0.5	0.5	0.12	0.14	2	3	623	0.5	2.5	8	0.05	2.8	3.4
SA5112226	0.4	89.52	0.20	0.04	214	0.5	3	0.08	0.09	0.5	1	388	2	2.5	5	0.05	2.8	3.3
SA5112227	0.05	96.46	0.025	0.005	19	0.5	0.5	0.025	0.03	0.5	0.5	302	0.5	2.5	1	0.05	1.0	1.3
SA5112228	2.1	38.65	0.15	0.12	123	0.5	0.5	0.09	0.13	2	4	1379	2	2.5	8	0.05	3.4	4.8
SA5112229	0.05	98.32	0.025	0.02	31	0.5	0.5	0.025	0.02	0.5	0.5	267	0.5	2.5	3	0.05	0.2	0.2
SA5112230	0.2	37.00	0.14	0.03	32	0.5	0.5	0.025	0.02	0.5	0.5	363	0.5	2.5	3	0.05	1.7	2.4
SA5112231	1.6	35.56	0.30	0.08	104	0.5	0.5	0.08	0.09	2	4	1780	2	2.5	7	0.05	5.0	6.3
SA5112232	1.2	25.33	0.12	0.07	153	0.5	0.5	0.09	0.11	1	3	744	6	2.5	6	0.1	2.5	3.3

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112233	0.1	97.32	0.025	0.01	18	0.5	0.5	0.025	0.04	0.5	0.5	235	3	2.5	1	0.05	0.4	0.4
SA5112234	0.6	91.72	-9	0.05	45	-9	0.5	-9	0.11	0.5	6	335	3	-9	4	-9	-9	2.4
SA5112235	0.05	97.91	0.025	0.01	21	0.5	0.5	0.025	0.02	0.5	0.5	262	2	2.5	1	0.05	0.4	0.3
SA5112236	3.4	38.56	-9	0.40	335	-9	0.5	-9	1.02	15	4	1356	8	-9	31	-9	-9	8.4
SA5112237	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112238	0.3	77.90	0.39	0.06	131	0.5	1	0.025	0.04	0.5	1	493	3	2.5	1	0.05	4.4	5.4
SA5112239	0.1	95.89	0.025	0.01	19	0.5	0.5	0.025	0.04	0.5	0.5	258	3	2.5	2	0.05	0.5	0.4
SA5112240	0.3	30.84	0.11	0.04	95	0.5	0.5	0.025	0.04	0.5	0.5	504	0.5	2.5	4	0.05	1.4	2.2
SA5112241	7.6	38.61	0.38	0.41	401	0.5	4	0.58	0.71	8	6	984	4	16	20	0.05	7.0	8.4
SA5112242	0.3	47.35	0.16	0.01	14	0.5	0.5	0.025	0.03	0.5	7	489	0.5	2.5	1	0.05	3.5	4.6
SA5112243	2.2	33.61	0.12	0.10	120	0.5	0.5	0.10	0.10	1	0.5	813	2	2.5	7	0.05	2.9	3.5
SA5112244	0.9	30.37	0.10	0.08	69	0.5	0.5	0.15	0.17	2	0.5	551	3	7	5	0.05	2.4	3.0
SA5112245	8.6	37.76	0.74	0.37	426	0.5	4	0.53	0.60	6	8	866	4	13	17	0.05	7.2	8.4
SA5112246	0.1	95.19	0.025	0.02	24	0.5	0.5	0.025	0.03	0.5	0.5	295	3	2.5	3	0.05	0.7	0.6
SA5112247	0.3	41.05	0.19	0.01	16	0.5	0.5	0.025	0.04	0.5	2	379	1	2.5	3	0.05	3.1	4.1
SA5112248	0.05	98.63	0.025	0.03	27	0.5	0.5	0.025	0.02	0.5	0.5	238	0.5	2.5	3	0.05	0.3	0.2
SA5112249	0.5	85.42	-9	0.04	37	-9	1	-9	0.07	0.5	6	1530	1	-9	4	-9	-9	7.0
SA5112250	1.1	39.67	0.09	0.07	98	0.5	0.5	0.08	0.10	2	4	2320	0.5	2.5	3	0.05	2.9	4.5
SA5112251	1.5	37.43	0.24	0.12	174	0.5	0.5	0.20	0.23	2	7	2763	2	2.5	10	0.05	4.3	5.5
SA5112252	3.4	48.72	0.18	0.31	323	0.5	2	0.49	0.65	6	7	735	11	13	16	0.05	5.5	7.2
SA5112253	1.0	31.19	0.14	0.06	61	0.5	0.5	0.10	0.12	1	0.5	551	3	8	6	0.05	2.0	2.5
SA5112254	1.7	38.53	0.25	0.11	185	0.5	1	0.14	0.14	3	11	1881	1	2.5	9	0.05	4.9	6.1
SA5112255	0.6	62.39	-9	0.09	103	-9	0.5	-9	0.18	2	2	1383	8	-9	9	-9	-9	3.5
SA5112256	1.2	37.73	0.14	0.13	134	0.5	0.5	0.10	0.13	2	2	723	3	2.5	4	0.05	2.9	3.9
SA5112257	1.6	32.52	0.29	0.10	140	0.5	1	0.11	0.12	2	5	1467	2	2.5	5	0.05	3.4	4.6
SA5112258	0.2	73.12	0.025	0.01	19	0.5	2	0.025	0.04	0.5	12	225	0.5	2.5	1	0.05	1.1	1.2
SA5112259	4.4	19.98	0.45	0.77	744	0.5	0.5	1.20	1.34	13	11	1304	6	34	36	0.05	10.7	12.4
SA5112260	1.4	45.05	0.30	0.10	109	0.5	0.5	0.11	0.11	3	7	2230	2	2.5	8	0.05	4.9	6.2
SA5112261	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112262	0.4	55.55	0.025	0.03	54	0.5	0.5	0.07	0.08	1	0.5	579	10	2.5	2	0.05	1.8	2.8
SA5112263	0.8	57.02	0.10	0.06	84	0.5	0.5	0.10	0.13	2	2	608	9	2.5	4	0.1	2.3	3.1
SA5112264	0.2	87.15	0.07	0.01	26	0.5	0.5	0.05	0.06	1	5	389	2	2.5	3	0.05	1.5	2.0
SA5112265	2.4	38.93	0.25	0.22	217	0.5	0.5	0.38	0.45	5	5	942	3	8	13	0.05	4.8	5.6
SA5112266	1.0	82.83	0.22	0.06	66	0.5	0.5	0.24	0.26	3	2	471	3	8	9	0.05	3.3	3.6
SA5112267	0.05	97.65	0.025	0.07	35	0.5	0.5	0.025	0.03	0.5	0.5	249	2	2.5	1	0.05	0.2	0.2
SA5112268	1.1	47.64	0.28	0.06	111	0.5	0.5	0.06	0.07	2	5	1132	2	2.5	3	0.05	3.5	4.3
SA5112269	0.8	48.02	0.31	0.15	341	0.5	5	0.18	0.21	0.5	8	377	3	2.5	7	0.05	3.2	4.0
SA5112270	1.8	40.96	0.32	0.11	218	0.5	1	0.14	0.14	4	8	2053	2	9	8	0.05	5.2	6.3
SA5112271	3.2	39.18	0.13	0.24	197	0.5	0.5	0.40	0.54	6	5	938	3	16	17	0.05	4.3	5.9
SA5112272	0.1	93.19	0.10	0.01	19	0.5	0.5	0.025	0.04	0.5	0.5	346	3	2.5	1	0.05	0.7	1.1
SA5112273	0.6	50.83	0.12	0.06	102	0.5	0.5	0.16	0.19	2	0.5	456	2	2.5	7	0.05	3.0	3.9
SA5112274	0.05	98.10	-9	0.01	26	-9	0.5	-9	0.03	0.5	0.5	268	4	-9	1	-9	-9	0.2
SA5112275	0.3	40.73	0.025	0.03	34	0.5	1	0.06	0.06	0.5	0.5	274	3	5	3	0.05	1.1	1.4
SA5112276	0.9	32.82	0.025	0.06	65	0.5	1	0.07	0.08	0.5	1	599	3	2.5	5	0.05	1.6	2.0
SA5112277	0.2	94.53	-9	0.02	29	-9	0.5	-9	0.06	0.5	0.5	271	3	-9	3	-9	-9	0.5
SA5112278	1.6	37.02	0.07	0.13	101	3	3	0.13	0.14	2	2	832	4	8	5	0.05	2.4	3.1
SA5112279	1.0	53.95	0.15	0.10	117	0.5	0.5	0.25	0.30	3	1	561	5	2.5	8	0.05	3.0	3.5
SA5112280	0.3	29.39	0.05	0.05	39	0.5	0.5	0.06	0.07	0.5	0.5	313	1	2.5	3	0.05	1.1	1.4
SA5112281	0.05	98.43	0.05	0.02	33	0.5	0.5	0.025	0.02	0.5	0.5	190	1	2.5	1	0.05	0.2	0.2
SA5112282	1.4	23.67	0.025	0.12	122	0.5	1	0.12	0.19	1	4	700	2	2.5	7	0.05	2.4	3.6
SA5112283	0.4	39.06	0.13	0.03	51	0.5	4	0.025	0.05	0.5	2	1234	0.5	2.5	4	0.05	1.9	2.4
SA5112284	7.6	12.72	0.33	1.22	681	0.5	0.5	1.80	2.11	14	19	1862	10	58	59	0.05	13.6	14.8
SA5112285	0.1	44.49	0.025	0.01	20	0.5	0.5	0.025	0.04	0.5	0.5	223	3	2.5	4	0.05	0.8	1.2
SA5112286	0.4	93.60	0.05	0.09	77	0.5	0.5	0.10	0.14	0.5	0.5	315	10	2.5	5	0.1	0.7	1.1
SA5112287	0.05	98.20	0.025	0.01	24	0.5	0.5	0.025	0.02	0.5	0.5	271	3	2.5	1	0.05	0.3	0.3
SA5112288	0.1	54.68	0.05	0.04	26	0.5	2	0.025	0.04	0.5	3	798	9	2.5	4	0.1	1.5	1.8
SA5112289	0.05	98.04	-9	0.02	27	-9	0.5	-9	0.03	0.5	0.5	247	7	-9	1	-9	-9	0.2

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112290	1.1	23.14	0.025	0.14	96	0.5	0.5	0.14	0.18	1	5	823	0.5	2.5	5	0.05	2.3	3.2
SA5112291	2.3	37.87	0.19	0.23	436	0.5	3	0.17	0.18	1	24	6211	0.5	7	11	0.05	5.3	6.4
SA5112292	0.05	98.30	0.025	0.02	35	0.5	0.5	0.025	0.02	0.5	0.5	225	4	2.5	1	0.05	0.1	0.2
SA5112293	0.5	41.37	0.10	0.04	52	0.5	0.5	0.025	0.04	0.5	4	1607	0.5	2.5	3	0.05	2.3	3.2
SA5112294	4.8	40.08	0.15	0.42	265	2	3	0.55	0.69	6	7	1744	5	18	19	0.05	5.8	7.2
SA5112295	2.2	35.04	0.16	0.13	109	0.5	2	0.15	0.16	2	8	1172	2	9	8	0.05	2.9	3.7
SA5112296	11.3	6.62	0.48	1.78	1162	0.5	2	2.20	2.98	18	25	1182	8	47	72	0.05	18.8	24.1
SA5112297	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112298	0.05	97.62	0.025	0.06	48	0.5	0.5	0.025	0.03	0.5	0.5	231	9	2.5	3	0.1	0.4	0.3
SA5112299	1.4	36.18	0.07	0.13	175	0.5	0.5	0.13	0.15	2	4	1915	1	6	5	0.05	2.8	3.4
SA5112300	1.0	89.84	-9	0.08	87	-9	0.5	-9	0.16	1	7	1021	2	-9	7	-9	-9	3.7
SA5112301	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112302	0.05	98.30	0.025	0.005	21	0.5	0.5	0.025	0.02	0.5	0.5	217	2	2.5	3	0.05	0.5	0.2
SA5112303	0.1	98.50	0.025	0.02	29	0.5	0.5	0.025	0.03	0.5	0.5	226	5	2.5	1	0.05	0.2	0.2
SA5112304	1.8	37.58	0.025	0.15	314	0.5	3	0.09	0.09	1	9	2849	0.5	2.5	7	0.05	3.8	4.7
SA5112305	1.8	32.57	0.13	0.18	170	0.5	2	0.13	0.18	1	8	1282	0.5	2.5	8	0.05	2.5	3.8
SA5112306	1.0	35.36	0.14	0.09	361	5	6	0.06	0.07	0.5	15	1717	0.5	7	3	0.05	4.2	5.9
SA5112307	0.05	98.50	0.025	0.06	46	0.5	0.5	0.025	0.02	0.5	0.5	164	0.5	2.5	1	0.05	0.1	0.2
SA5112308	0.3	36.40	0.025	0.03	22	3	5	0.025	0.03	0.5	2	386	2	2.5	2	0.05	1.5	1.9
SA5112309	0.05	97.69	0.025	0.04	44	0.5	0.5	0.025	0.02	0.5	0.5	174	1	2.5	1	0.05	0.1	0.1
SA5112310	1.2	40.37	0.10	0.07	77	0.5	0.5	0.08	0.10	2	2	571	1	2.5	6	0.05	2.6	3.4
SA5112311	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112312	0.1	97.87	-9	0.03	35	-9	0.5	-9	0.03	0.5	0.5	200	2	-9	1	-9	-9	0.3
SA5112313	1.0	30.79	0.15	0.08	134	0.5	1	0.12	0.14	2	4	642	11	2.5	2	0.1	1.9	2.6
SA5112314	2.0	42.56	0.25	0.12	585	0.5	3	0.10	0.10	3	10	2508	2	2.5	6	0.05	5.2	6.2
SA5112315	9.4	18.54	0.41	0.99	590	3	3	1.30	1.49	11	26	2096	6	47	56	0.05	12.3	14.8
SA5112316	1.4	45.29	0.025	0.09	64	0.5	0.5	0.10	0.13	2	4	620	2	7	9	0.05	2.7	3.8
SA5112317	0.05	98.40	0.025	0.02	36	0.5	0.5	0.025	0.01	0.5	0.5	204	1	2.5	1	0.05	0.2	0.3
SA5112318	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112319	1.7	36.12	0.16	0.12	102	0.5	0.5	0.09	0.10	2	6	1425	5	2.5	4	0.05	3.3	4.1
SA5112320	0.1	96.73	-9	0.03	35	-9	0.5	-9	0.05	0.5	0.5	223	1	-9	1	-9	-9	0.2
SA5112321	0.1	97.10	-9	0.02	29	-9	0.5	-9	0.05	0.5	0.5	254	1	-9	1	-9	-9	0.9
SA5112322	0.1	96.62	-9	0.005	29	-9	0.5	-9	0.04	0.5	0.5	288	2	-9	1	-9	-9	0.5
SA5112323	1.1	42.91	0.11	0.12	109	0.5	1	0.13	0.16	2	3	545	1	6	5	0.05	3.1	3.9
SA5112324	2.0	31.45	0.025	0.23	166	0.5	0.5	0.32	0.41	3	6	539	2	10	12	0.05	3.2	4.0
SA5112325	0.2	97.73	0.025	0.01	28	0.5	0.5	0.025	0.03	0.5	0.5	209	3	2.5	1	0.05	0.5	0.3
SA5112326	0.2	96.67	-9	0.01	19	-9	0.5	-9	0.03	0.5	0.5	194	5	-9	1	-9	-9	0.5
SA5112327	2.3	34.46	0.09	0.19	113	0.5	1	0.20	0.22	2	4	805	2	2.5	7	0.05	3.8	4.8
SA5112328	1.8	52.15	0.19	0.15	185	4	4	0.12	0.12	2	12	2771	2	2.5	7	0.05	5.2	6.4
SA5112329	0.4	39.58	0.025	0.05	49	0.5	0.5	0.10	0.12	1	0.5	418	1	2.5	5	0.05	2.0	2.5
SA5112330	0.5	90.79	0.025	0.04	52	0.5	0.5	0.11	0.14	2	3	249	2	2.5	6	0.05	1.9	2.5
SA5112331	0.5	49.95	0.025	0.05	58	0.5	0.5	0.15	0.18	3	1	561	3	2.5	6	0.05	2.9	3.7
SA5112332	1.8	25.75	0.025	0.08	46	0.5	0.5	0.07	0.09	2	2	725	2	6	6	0.05	2.3	3.1
SA5112333	4.4	26.28	0.06	0.31	145	0.5	0.5	0.20	0.24	4	6	847	2	14	16	0.05	3.6	4.6
SA5112334	0.2	94.47	0.10	0.01	50	0.5	0.5	0.025	0.05	0.5	0.5	408	2	2.5	3	0.05	1.6	2.1
SA5112335	0.1	95.20	0.06	0.03	29	0.5	0.5	0.025	0.03	0.5	0.5	247	3	2.5	1	0.05	0.4	0.6
SA5112336	2.0	42.38	0.05	0.07	68	0.5	1	0.11	0.12	2	3	355	1	2.5	7	0.05	2.7	3.5
SA5112337	0.1	97.41	0.025	0.01	26	0.5	0.5	0.025	0.03	0.5	0.5	243	1	2.5	1	0.05	0.4	0.5
SA5112338	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112339	0.6	71.55	-9	0.06	155	-9	6	-9	0.06	1	12	5058	2	-9	4	-9	-9	6.5
SA5112340	1.0	33.84	0.08	0.07	86	0.5	1	0.09	0.11	1	3	468	4	2.5	1	0.05	1.8	2.6
SA5112341	0.2	96.34	-9	0.07	55	-9	0.5	-9	0.06	0.5	0.5	306	6	-9	1	-9	-9	0.5
SA5112342	0.6	43.07	-9	0.04	44	-9	3	-9	0.06	1	3	641	6	-9	5	-9	-9	2.7
SA5112343	2.5	48.22	0.13	0.16	408	3	5	0.13	0.15	4	16	2923	1	8	11	0.05	5.2	6.6
SA5112344	1.0	34.40	0.025	0.09	65	0.5	1	0.13	0.16	2	2	503	3	2.5	8	0.05	1.9	2.6
SA5112345	0.4	35.19	0.025	0.03	36	0.5	0.5	0.025	0.06	0.5	2	442	2	2.5	1	0.05	1.2	1.8
SA5112346	0.7	33.05	0.025	0.05	37	0.5	0.5	0.06	0.08	2	2	1024	1	2.5	4	0.05	1.6	2.1

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112347	0.6	89.46	-9	0.03	42	-9	2	-9	0.05	1	8	988	3	-9	3	-9	-9	4.0
SA5112348	1.9	32.46	0.36	0.12	1031	8	9	0.16	0.18	2	29	3491	2	6	10	0.05	8.4	10.8
SA5112349	2.1	50.11	0.025	0.11	140	7	9	0.11	0.11	3	6	1733	4	8	10	0.05	4.0	4.9
SA5112350	4.9	62.19	0.025	0.12	280	210	189	0.18	0.20	1	12	1565	4	6	10	0.05	3.7	4.1
SA5112351	0.6	55.56	0.025	0.08	59	4	7	0.06	0.08	1	5	1564	1	2.5	4	0.05	2.1	2.7
SA5112352	0.2	62.57	0.025	0.02	29	0.5	3	0.025	0.05	0.5	1	532	2	2.5	3	0.05	1.1	1.6
SA5112353	1.9	24.46	0.025	0.11	91	0.5	2	0.26	0.35	3	0.5	468	4	11	15	0.05	2.0	2.7
SA5112354	1.6	73.43	-9	0.10	155	-9	3	-9	0.12	2	10	2482	2	-9	9	-9	-9	6.7
SA5112355	6.4	56.59	0.025	0.30	222	19	17	0.48	0.55	6	9	2209	9	21	26	0.05	5.6	7.1
SA5112356	0.1	98.13	0.025	0.01	24	0.5	0.5	0.025	0.03	0.5	0.5	298	0.5	2.5	1	0.05	0.2	0.3
SA5112357	0.05	98.49	0.025	0.05	41	0.5	0.5	0.025	0.02	0.5	0.5	264	1	2.5	1	0.05	0.1	0.2
SA5112358	0.05	97.99	0.025	0.01	29	0.5	0.5	0.025	0.03	0.5	0.5	295	2	2.5	4	0.05	0.6	0.7
SA5112359	7.1	54.66	0.025	0.32	220	16	13	0.63	0.71	7	8	1758	10	33	31	0.05	7.0	7.7
SA5112360	1.4	57.86	0.025	0.07	114	5	4	0.11	0.11	3	9	1795	5	6	8	0.05	4.7	5.3
SA5112361	1.1	46.07	0.025	0.07	109	51	45	0.17	0.21	2	10	1106	4	2.5	10	0.05	2.7	3.6
SA5112362	2.5	30.54	0.08	0.15	124	0.5	1	0.16	0.18	3	3	546	2	10	6	0.05	2.9	3.9
SA5112363	1.3	42.11	0.025	0.08	78	0.5	2	0.06	0.07	1	8	1076	0.5	2.5	4	0.05	2.6	3.8
SA5112364	3.3	40.16	0.14	0.17	281	0.5	2	0.18	0.21	4	9	1958	3	9	11	0.05	4.9	6.5
SA5112365	7.2	24.82	0.41	0.78	553	0.5	2	1.30	1.56	17	13	679	10	55	61	0.05	11.7	12.8
SA5112366	3.1	36.50	0.025	0.13	90	0.5	2	0.19	0.24	3	4	1319	3	10	12	0.05	3.3	4.1
SA5112367	2.2	51.59	0.06	0.10	130	6	6	0.12	0.13	5	6	3012	6	2.5	12	0.05	5.3	6.1
SA5112368	4.1	45.63	0.025	0.15	108	3	4	0.21	0.25	6	5	2131	6	16	20	0.05	4.9	5.9
SA5112369	8.4	36.16	0.24	0.64	361	1	2	1.10	1.20	12	11	732	12	53	57	0.05	9.4	10.4
SA5112370	9.0	32.33	0.025	0.51	2290	23	20	0.52	0.54	7	32	2174	5	41	38	0.05	10.3	11.0
SA5112371	6.3	36.11	0.025	0.33	309	4	4	0.41	0.49	6	23	2878	6	22	27	0.05	8.4	10.0
SA5112372	0.2	95.06	-9	0.03	42	-9	0.5	-9	0.04	0.5	0.5	309	5	-9	1	-9	-9	0.4
SA5112373	1.3	41.64	0.025	0.09	50	0.5	2	0.09	0.09	2	4	673	1	8	6	0.05	2.5	3.5
SA5112374	1.3	38.45	0.025	0.07	48	0.5	2	0.11	0.13	2	2	502	4	2.5	6	0.05	2.1	3.0
SA5112375	2.0	55.98	0.12	0.11	88	0.5	2	0.17	0.18	4	10	3036	3	6	9	0.05	6.3	7.5
SA5112376	0.7	32.38	0.025	0.05	60	0.5	5	0.12	0.16	2	1	335	2	2.5	6	0.05	1.7	2.1
SA5112377	2.3	36.93	0.07	0.16	107	0.5	2	0.22	0.26	4	4	871	3	13	13	0.05	3.7	4.3
SA5112378	1.5	34.33	0.12	0.11	88	0.5	1	0.11	0.13	2	7	1938	1	2.5	7	0.05	3.7	4.6
SA5112379	0.5	24.84	0.025	0.07	83	0.5	2	0.13	0.16	2	0.5	329	1	8	7	0.05	1.4	1.7
SA5112380	2.3	36.93	0.16	0.14	236	0.5	3	0.16	0.17	3	8	2145	3	11	11	0.05	4.1	5.1
SA5112381	0.05	98.28	0.025	0.04	64	0.5	0.5	0.025	0.02	0.5	0.5	203	2	2.5	1	0.05	0.2	0.2
SA5112382	4.1	40.76	0.27	0.24	268	0.5	3	0.21	0.21	4	14	3681	3	2.5	14	0.05	6.8	7.7
SA5112383	0.3	92.14	0.025	0.02	39	0.5	0.5	0.08	0.09	1	0.5	300	3	2.5	3	0.05	1.2	1.5
SA5112384	0.05	98.12	0.025	0.03	41	0.5	0.5	0.025	0.02	0.5	0.5	256	3	2.5	2	0.05	0.2	0.2
SA5112385	4.4	22.74	0.21	0.44	281	0.5	1	0.90	1.02	7	7	658	7	28	33	0.05	6.4	7.4
SA5112386	1.8	43.84	0.025	0.10	86	0.5	1	0.11	0.11	3	7	2900	2	2.5	9	0.05	3.6	4.5
SA5112387	3.4	62.33	0.025	0.19	147	0.5	2	0.25	0.26	5	9	2830	5	14	15	0.05	6.6	7.4
SA5112388	3.1	33.96	0.025	0.14	88	0.5	1	0.11	0.13	3	7	1925	3	7	10	0.05	3.3	3.8
SA5112389	0.1	97.87	0.025	0.04	46	0.5	0.5	0.025	0.02	0.5	0.5	286	5	2.5	1	0.05	0.2	0.2
SA5112390	0.9	28.64	0.025	0.04	48	0.5	1	0.025	0.05	1	3	758	1	2.5	7	0.05	1.4	1.8
SA5112391	9.2	21.01	0.40	0.52	9046	7	5	0.51	0.84	6	36	2894	7	34	38	0.05	11.0	11.3
SA5112392	1.6	33.29	0.025	0.06	69	0.5	0.5	0.08	0.10	3	3	1116	3	6	9	0.05	2.7	3.5
SA5112393	10.3	35.14	0.025	0.37	3533	0.5	11	0.15	0.18	2	32	3303	4	2.5	19	0.05	8.2	10.7
SA5112394	3.1	29.87	0.025	0.10	160	0.5	6	0.24	0.30	4	4	591	6	12	14	0.05	2.7	3.6
SA5112395	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112396	4.8	37.32	0.50	0.40	332	0.5	3	0.27	0.35	6	22	1991	5	12	16	0.05	8.1	9.9
SA5112397	0.5	67.83	0.33	0.06	91	0.5	1	0.08	0.10	2	6	364	2	2.5	6	0.05	2.5	3.0
SA5112398	1.1	30.01	0.11	0.06	60	0.5	1	0.07	0.08	2	2	800	0.5	2.5	7	0.05	2.3	3.1
SA5112399	1.0	32.67	0.13	0.08	42	0.5	1	0.10	0.10	2	4	368	0.5	2.5	5	0.05	2.7	3.6
SA5112400	5.9	40.39	0.49	0.48	341	0.5	1	0.60	0.67	5	27	2343	1	20	23	0.05	9.2	10.0
SA5112401	2.6	33.73	0.80	0.13	1738	0.5	6	0.12	0.11	3	39	2184	3	15	10	0.05	10.0	12.0
SA5112402	0.05	97.67	0.025	0.08	100	0.5	0.5	0.025	0.03	0.5	0.5	145	0.5	2.5	6	0.05	0.2	0.3
SA5112403	13.7	11.90	0.56	1.65	914	2	2	1.40	4.48	24	28	1469	8	55	52	0.05	17.9	21.8

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112404	2.6	44.63	0.24	0.18	111	0.5	1	0.17	0.22	3	8	1166	4	11	13	0.05	4.7	6.2
SA5112405	8.7	18.44	0.40	0.71	418	0.5	1	1.20	1.40	13	16	959	9	40	41	0.05	10.0	11.8
SA5112406	3.2	62.13	0.42	0.23	167	0.5	3	0.32	0.36	4	15	2679	3	2.5	14	0.05	5.7	6.6
SA5112407	9.3	8.90	0.53	1.69	908	0.5	1	1.60	3.23	21	38	1034	6	45	54	0.05	15.4	17.0
SA5112408	7.9	23.04	0.22	0.51	236	0.5	2	0.56	0.69	5	15	971	3	25	27	0.05	5.2	6.6
SA5112409	0.2	97.94	0.025	0.07	47	0.5	0.5	0.025	0.03	0.5	2	152	0.5	2.5	2	0.05	0.1	0.2
SA5112410	0.2	97.85	0.025	0.13	69	0.5	0.5	0.025	0.04	0.5	0.5	148	2	2.5	2	0.05	0.2	0.2
SA5112411	2.4	50.76	0.25	0.29	175	0.5	1	0.19	0.21	3	29	1206	2	10	9	0.05	5.4	6.4
SA5112412	2.9	37.20	-9	0.28	222	-9	20	-9	0.38	3	29	833	1	-9	10	-9	-9	6.5
SA5112413	3.7	37.34	0.33	0.43	792	6	8	0.41	0.44	5	34	3184	0.5	14	15	0.05	7.9	9.9
SA5112414	0.2	98.12	0.025	0.09	63	0.5	0.5	0.025	0.03	0.5	0.5	202	0.5	2.5	1	0.05	0.1	0.2
SA5112415	0.3	97.50	0.025	0.08	97	0.5	0.5	0.025	0.03	0.5	1	175	0.5	2.5	2	0.05	0.2	0.2
SA5112416	0.2	98.09	0.025	0.03	34	0.5	0.5	0.025	0.04	0.5	0.5	189	0.5	2.5	3	0.05	0.2	0.2
SA5112417	0.3	96.88	-9	0.06	89	-9	0.5	-9	0.05	0.5	3	269	0.5	-9	3	-9	-9	0.6
SA5112418	1.3	19.23	0.08	0.13	3057	2	5	0.08	0.09	0.5	28	1265	0.5	2.5	5	0.05	3.1	4.1
SA5112419	1.3	34.06	0.14	0.11	75	0.5	1	0.12	0.14	1	9	446	1	5	7	0.05	2.1	2.7
SA5112420	2.2	52.81	0.11	0.23	126	0.5	0.5	0.15	0.17	2	20	776	2	2.5	7	0.05	3.7	4.8
SA5112421	0.2	97.36	0.025	0.09	71	0.5	0.5	0.025	0.04	0.5	1	178	2	2.5	1	0.05	0.2	0.1
SA5112422	0.1	98.09	-9	0.05	47	-9	0.5	-9	0.03	0.5	0.5	175	2	-9	1	-9	-9	0.2
SA5112423	0.1	98.38	-9	0.05	35	-9	0.5	-9	0.03	0.5	0.5	195	2	-9	2	-9	-9	0.3
SA5112424	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112425	0.8	32.26	0.09	0.10	64	0.5	0.5	0.09	0.12	0.5	5	1225	1	8	6	0.05	1.8	2.5
SA5112426	0.2	97.75	0.025	0.03	27	0.5	0.5	0.025	0.03	0.5	0.5	195	1	2.5	4	0.05	0.3	0.4
SA5112427	0.2	97.78	-9	0.05	54	-9	0.5	-9	0.04	0.5	0.5	221	0.5	-9	2	-9	-9	0.2
SA5112428	0.05	97.87	0.025	0.08	47	0.5	0.5	0.025	0.02	0.5	1	255	0.5	2.5	1	0.05	0.2	0.2
SA5112429	0.1	98.32	0.025	0.07	49	0.5	0.5	0.025	0.03	0.5	0.5	182	0.5	2.5	3	0.05	0.2	0.2
SA5112430	0.1	98.16	-9	0.09	41	-9	0.5	-9	0.03	0.5	0.5	236	0.5	-9	3	-9	-9	0.1
SA5112431	0.9	36.71	0.07	0.10	57	0.5	0.5	0.07	0.09	0.5	7	661	2	2.5	5	0.05	1.8	2.5
SA5112432	0.2	97.38	0.025	0.07	78	0.5	0.5	0.025	0.04	0.5	0.5	236	1	2.5	3	0.05	0.3	0.3
SA5112433	0.2	97.62	-9	0.09	81	-9	0.5	-9	0.04	0.5	0.5	176	0.5	-9	3	-9	-9	0.2
SA5112434	0.7	33.77	0.025	0.08	49	0.5	0.5	0.06	0.07	0.5	7	564	0.5	2.5	3	0.05	1.6	2.3
SA5112435	0.2	97.80	0.025	0.04	49	0.5	0.5	0.025	0.04	0.5	1	228	0.5	2.5	3	0.05	0.3	0.3
SA5112436	2.7	39.32	0.025	0.18	108	0.5	4	0.20	0.24	2	10	495	3	2.5	9	0.05	3.7	4.7
SA5112437	0.8	46.15	0.025	0.06	45	4	3	0.025	0.04	0.5	8	767	0.5	2.5	5	0.05	2.5	3.5
SA5112438	2.6	46.14	0.025	0.21	176	5	5	0.26	0.31	2	8	842	3	9	11	0.05	3.5	5.0
SA5112439	3.3	29.38	0.025	0.25	233	0.5	2	0.25	0.35	5	9	989	3	11	13	0.05	4.1	6.2
SA5112440	2.3	35.04	0.16	0.13	123	0.5	3	0.08	0.08	2	15	1689	1	2.5	5	0.05	3.4	4.3
SA5112441	1.8	47.06	0.45	0.11	1153	0.5	4	0.10	0.10	3	15	5482	2	2.5	8	0.05	5.2	6.2
SA5112442	0.8	64.20	0.23	0.05	38	0.5	1	0.08	0.09	1	16	340	2	2.5	5	0.05	3.0	3.8
SA5112443	1.9	41.71	0.21	0.08	66	0.5	1	0.06	0.05	3	8	1853	3	7	6	0.05	3.2	4.0
SA5112444	1.6	35.58	0.06	0.11	92	0.5	0.5	0.19	0.23	3	5	639	3	8	12	0.05	2.5	3.0
SA5112445	0.1	98.06	0.025	0.04	41	0.5	0.5	0.025	0.03	0.5	0.5	255	1	2.5	3	0.05	0.2	0.2
SA5112446	0.1	97.97	-9	0.04	44	-9	0.5	-9	0.02	0.5	0.5	411	5	-9	1	-9	-9	0.1
SA5112447	0.3	97.95	0.025	0.06	52	0.5	0.5	0.025	0.03	0.5	0.5	177	0.5	2.5	3	0.05	0.3	0.3
SA5112448	0.2	96.89	0.025	0.04	33	0.5	1	0.025	0.02	0.5	0.5	286	7	2.5	1	0.05	0.3	0.2
SA5112449	0.2	96.41	-9	0.05	32	-9	0.5	-9	0.04	0.5	2	230	3	-9	5	-9	-9	0.5
SA5112450	1.6	26.62	0.11	0.22	187	0.5	3	0.17	0.24	1	18	2173	0.5	2.5	11	0.05	5.6	8.4
SA5112451	0.2	97.25	0.025	0.07	74	0.5	0.5	0.025	0.04	0.5	3	165	0.5	2.5	2	0.05	0.3	0.3
SA5112452	0.6	82.35	-9	0.12	107	-9	0.5	-9	0.35	4	7	968	3	-9	12	-9	-9	2.9
SA5112453	1.5	44.79	0.36	0.14	970	5	7	0.12	0.13	1	25	4772	0.5	2.5	6	0.05	4.0	4.5
SA5112454	1.1	47.76	0.24	0.12	233	0.5	4	0.11	0.10	2	18	3879	0.5	2.5	6	0.05	3.3	3.6
SA5112455	0.8	94.79	0.025	0.04	46	0.5	0.5	0.025	0.10	0.5	2	217	8	2.5	6	0.05	0.5	0.9
SA5112456	0.05	98.56	-9	0.03	23	-9	0.5	-9	0.02	0.5	0.5	247	2	-9	1	-9	-9	0.2
SA5112457	0.2	97.49	-9	0.04	46	-9	0.5	-9	0.04	0.5	2	199	2	-9	3	-9	-9	0.3
SA5112458	0.1	98.45	0.025	0.05	49	0.5	0.5	0.025	0.02	0.5	0.5	208	0.5	2.5	1	0.05	0.2	0.1
SA5112459	0.2	98.17	0.025	0.03	27	0.5	0.5	0.06	0.04	0.5	0.5	207	3	2.5	2	0.05	0.3	0.2
SA5112460	1.0	33.04	0.025	0.08	64	0.5	0.5	0.11	0.09	1	8	2012	1	2.5	5	0.05	2.6	2.9

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112461	0.2	97.44	0.025	0.04	30	0.5	0.5	0.08	0.03	0.5	0.5	220	6	2.5	1	0.05	0.6	0.4
SA5112462	0.1	98.42	0.13	0.05	34	0.5	0.5	0.05	0.02	0.5	0.5	212	0.5	2.5	1	0.05	0.3	0.2
SA5112463	1.8	32.10	0.10	0.14	140	0.5	0.5	0.15	0.21	2	7	1280	1	2.5	9	0.05	2.5	3.7
SA5112464	1.9	30.63	0.06	0.15	116	0.5	0.5	0.17	0.21	2	7	1146	2	2.5	11	0.05	2.5	3.4
SA5112465	1.6	39.52	0.07	0.12	134	0.5	0.5	0.15	0.18	2	9	1642	3	2.5	6	0.05	3.3	4.2
SA5112466	1.4	36.15	0.12	0.11	79	0.5	0.5	0.13	0.15	2	8	1283	2	2.5	8	0.05	3.2	3.9
SA5112467	2.2	36.43	0.20	0.15	268	0.5	1	0.11	0.11	2	15	2561	9	2.5	6	0.05	4.6	5.6
SA5112468	1.0	54.92	0.025	0.08	65	0.5	0.5	0.09	0.10	2	8	694	2	2.5	4	0.05	2.5	3.0
SA5112469	1.7	28.64	0.025	0.10	72	0.5	1	0.09	0.10	2	7	462	1	2.5	8	0.05	1.9	2.4
SA5112470	6.7	22.10	0.28	0.93	458	0.5	0.5	1.40	1.50	9	19	1025	9	32	39	0.05	10.0	11.0
SA5112471	0.4	97.20	-9	0.04	51	-9	0.5	-9	0.05	0.5	0.5	233	3	-9	3	-9	-9	0.4
SA5112472	0.7	58.39	0.025	0.06	33	0.5	2	0.05	0.05	0.5	10	551	4	7	4	0.05	2.2	2.6
SA5112473	0.2	98.41	0.025	0.06	38	0.5	0.5	0.025	0.02	0.5	0.5	213	0.5	2.5	1	0.05	0.2	0.2
SA5112474	0.2	98.08	0.06	0.04	29	0.5	0.5	0.025	0.03	0.5	0.5	157	1	2.5	4	0.05	0.3	0.2
SA5112475	0.2	98.26	0.025	0.06	37	0.5	0.5	0.025	0.03	0.5	0.5	174	2	2.5	3	0.05	0.3	0.2
SA5112476	0.2	97.93	-9	0.05	37	-9	0.5	-9	0.05	0.5	0.5	154	1	-9	3	-9	-9	0.3
SA5112477	0.1	98.72	-9	0.07	26	-9	0.5	-9	0.03	0.5	1	223	1	-9	1	-9	-9	0.1
SA5112478	1.4	32.14	0.09	0.11	101	0.5	0.5	0.15	0.15	2	6	1254	1	2.5	7	0.05	2.7	3.3
SA5112479	0.1	97.88	-9	0.04	30	-9	0.5	-9	0.03	0.5	0.5	177	0.5	-9	1	-9	-9	0.2
SA5112480	0.2	98.06	0.025	0.05	31	0.5	0.5	0.025	0.03	0.5	0.5	186	2	2.5	1	0.05	0.3	0.2
SA5112481	0.1	98.20	-9	0.05	52	-9	0.5	-9	0.03	0.5	0.5	248	3	-9	1	-9	-9	0.2
SA5112482	1.0	35.76	0.11	0.10	82	0.5	0.5	0.13	0.14	1	8	499	0.5	2.5	5	0.05	2.8	3.5
SA5112483	0.1	97.90	-9	0.08	35	-9	0.5	-9	0.03	0.5	0.5	188	0.5	-9	2	-9	-9	0.1
SA5112484	0.7	38.40	0.025	0.07	47	0.5	0.5	0.08	0.09	0.5	9	500	2	2.5	3	0.05	2.0	2.5
SA5112485	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112486	0.5	29.44	0.025	0.07	33	0.5	0.5	0.08	0.08	0.5	6	326	2	2.5	2	0.05	1.5	2.0
SA5112487	2.3	71.93	0.025	0.38	173	0.5	0.5	0.34	0.34	1	15	470	3	2.5	7	0.05	5.8	6.4
SA5112488	1.9	58.28	-9	0.34	269	-9	0.5	-9	0.91	7	11	1096	18	-9	34	-9	-9	5.3
SA5112489	0.2	97.88	-9	0.02	28	-9	0.5	-9	0.03	0.5	3	291	1	-9	1	-9	-9	0.3
SA5112490	0.5	31.77	0.025	0.05	24	0.5	1	0.025	0.04	0.5	17	283	0.5	2.5	3	0.05	1.5	2.4
SA5112491	0.5	83.35	0.10	0.07	30	0.5	0.5	0.025	0.02	0.5	12	541	2	2.5	2	0.05	2.9	3.8
SA5112492	0.2	97.84	0.025	0.04	40	0.5	0.5	0.025	0.03	0.5	0.5	210	8	2.5	3	0.05	0.2	0.3
SA5112493	0.1	98.12	-9	0.03	22	-9	0.5	-9	0.02	0.5	0.5	223	0.5	-9	1	-9	-9	0.3
SA5112494	0.4	97.68	0.025	0.03	39	0.5	0.5	0.025	0.03	0.5	0.5	204	2	2.5	2	0.05	0.4	0.3
SA5112495	0.05	98.11	0.025	0.06	72	0.5	0.5	0.025	0.02	0.5	0.5	221	5	2.5	1	0.05	0.2	0.2
SA5112496	0.05	25.75	0.06	0.01	9	0.5	0.5	0.025	0.02	0.5	2	256	0.5	2.5	3	0.05	1.2	1.6
SA5112497	0.05	97.95	0.025	0.03	26	0.5	0.5	0.025	0.02	0.5	0.5	289	2	2.5	1	0.05	0.3	0.2
SA5112498	0.05	97.77	0.025	0.04	36	0.5	0.5	0.025	0.03	0.5	0.5	215	3	2.5	4	0.05	0.2	0.3
SA5112499	0.05	96.25	-9	0.09	31	-9	0.5	-9	0.03	0.5	0.5	275	1	-9	1	-9	-9	0.3
SA5112500	0.2	92.02	-9	0.04	35	-9	0.5	-9	0.04	0.5	4	260	2	-9	1	-9	-9	0.9
SA5112501	0.05	98.31	0.025	0.02	40	0.5	0.5	0.025	0.02	0.5	0.5	213	2	2.5	4	0.05	0.4	0.2
SA5112502	0.05	98.33	0.025	0.02	28	0.5	0.5	0.025	0.02	0.5	0.5	225	1	2.5	1	0.05	0.3	0.4
SA5112503	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112504	5.2	18.93	0.28	0.82	461	0.5	0.5	1.00	1.15	7	20	1770	6	25	32	0.05	10.0	10.7
SA5112505	0.2	97.74	-9	0.04	50	-9	0.5	-9	0.04	0.5	0.5	223	2	-9	3	-9	-9	0.3
SA5112506	0.9	63.18	0.05	0.02	39	0.5	0.5	0.025	0.02	0.5	12	397	3	2.5	2	0.05	2.0	2.5
SA5112507	0.1	98.11	0.025	0.05	53	0.5	0.5	0.025	0.02	0.5	0.5	316	2	2.5	1	0.05	0.3	0.2
SA5112508	0.1	98.71	0.025	0.05	43	0.5	0.5	0.025	0.02	0.5	0.5	222	2	2.5	1	0.05	0.1	0.2
SA5112509	0.1	97.87	0.025	0.07	73	0.5	0.5	0.025	0.02	0.5	0.5	196	1	2.5	3	0.05	0.2	0.2
SA5112510	0.05	98.47	0.025	0.03	27	0.5	0.5	0.025	0.02	0.5	0.5	296	2	2.5	3	0.05	0.2	0.2
SA5112511	1.9	11.72	0.11	0.11	92	0.5	0.5	0.20	0.25	2	0.5	503	3	6	9	0.05	1.8	2.5
SA5112512	0.05	97.45	0.025	0.03	36	0.5	0.5	0.025	0.02	0.5	0.5	335	3	2.5	4	0.05	0.2	0.2
SA5112513	0.05	98.37	0.025	0.05	40	0.5	0.5	0.025	0.02	0.5	0.5	232	2	2.5	2	0.05	0.1	0.1
SA5112514	0.05	97.52	0.025	0.05	31	0.5	0.5	0.025	0.02	0.5	0.5	268	2	2.5	1	0.05	0.2	0.1
SA5112515	0.05	98.67	0.025	0.02	19	0.5	0.5	0.025	0.02	0.5	0.5	319	3	2.5	1	0.05	0.2	0.2
SA5112516	2.2	74.05	0.19	0.22	181	0.5	0.5	0.49	0.55	5	4	639	8	14	19	0.05	5.2	6.0
SA5112517	0.2	97.62	0.025	0.03	37	0.5	0.5	0.025	0.03	0.5	0.5	209	2	2.5	1	0.05	0.3	0.3

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112518	0.3	98.03	0.025	0.09	31	0.5	0.5	0.025	0.02	0.5	0.5	255	2	2.5	1	0.05	0.2	0.5
SA5112519	0.1	97.97	0.05	0.03	57	0.5	0.5	0.025	0.02	0.5	0.5	253	6	2.5	3	0.05	0.5	0.2
SA5112520	0.05	97.91	0.025	0.06	57	0.5	0.5	0.025	0.02	0.5	0.5	197	1	2.5	1	0.05	0.2	0.2
SA5112521	0.05	90.14	0.025	0.07	23	0.5	0.5	0.025	0.02	0.5	2	301	0.5	2.5	1	0.05	1.5	1.7
SA5112522	0.05	98.18	0.025	0.05	43	0.5	0.5	0.025	0.03	0.5	0.5	227	1	2.5	3	0.05	0.2	0.2
SA5112523	0.1	89.15	0.07	0.11	28	0.5	0.5	0.025	0.03	0.5	14	426	1	2.5	4	0.05	1.8	2.2
SA5112524	0.05	98.45	0.025	0.04	47	0.5	0.5	0.025	0.02	0.5	0.5	182	1	2.5	2	0.05	0.2	0.2
SA5112525	0.1	95.26	0.025	0.10	53	0.5	0.5	0.025	0.04	0.5	0.5	208	1	2.5	3	0.05	0.4	0.3
SA5112526	0.05	97.96	0.025	0.10	71	0.5	0.5	0.025	0.03	0.5	0.5	135	3	2.5	1	0.05	0.2	0.1
SA5112527	0.5	86.92	0.025	0.13	38	0.5	0.5	0.05	0.05	0.5	15	419	0.5	2.5	1	0.05	1.8	2.2
SA5112528	0.2	98.14	-9	0.03	27	-9	0.5	-9	0.03	0.5	1	172	0.5	-9	3	-9	-9	0.3
SA5112529	0.3	97.71	-9	0.09	50	-9	0.5	-9	0.03	0.5	0.5	155	2	-9	1	-9	-9	0.1
SA5112530	0.2	97.90	0.025	0.09	47	0.5	0.5	0.025	0.05	0.5	4	167	0.5	2.5	5	0.05	0.3	0.2
SA5112531	0.05	97.89	-9	0.04	33	-9	0.5	-9	0.04	0.5	0.5	184	1	-9	2	-9	-9	0.3
SA5112532	0.05	98.20	-9	0.04	36	-9	0.5	-9	0.02	0.5	0.5	203	3	-9	1	-9	-9	0.1
SA5112533	0.05	98.40	-9	0.05	30	-9	0.5	-9	0.04	0.5	0.5	144	2	-9	9	-9	-9	0.1
SA5112534	0.05	98.13	-9	0.05	49	-9	0.5	-9	0.03	0.5	0.5	185	1	-9	2	-9	-9	0.2
SA5112535	0.05	97.29	0.025	0.06	46	0.5	0.5	0.025	0.03	0.5	0.5	180	1	2.5	1	0.05	0.5	0.5
SA5112536	0.1	97.74	-9	0.03	35	-9	0.5	-9	0.03	0.5	0.5	227	2	-9	1	-9	-9	0.3
SA5112537	2.1	25.85	0.025	0.24	163	0.5	0.5	0.23	0.27	3	18	907	2	11	11	0.05	2.5	3.5
SA5112538	0.2	97.43	0.025	0.03	39	0.5	0.5	0.025	0.03	0.5	0.5	172	3	2.5	3	0.05	0.4	0.5
SA5112539	4.5	17.46	0.15	0.66	361	0.5	0.5	0.87	1.04	5	22	2153	4	27	31	0.05	6.9	8.9
SA5112540	5.3	16.50	0.30	0.78	472	0.5	0.5	1.30	1.47	8	21	1037	6	35	40	0.05	9.5	11.2
SA5112541	0.6	53.46	0.06	0.08	103	3	4	0.06	0.06	0.5	13	1382	1	2.5	3	0.05	2.6	3.4
SA5112542	0.8	33.56	0.025	0.11	80	0.5	0.5	0.25	0.27	3	3	440	2	9	10	0.05	2.4	2.9
SA5112543	4.0	32.27	0.16	0.38	222	0.5	1	0.62	0.75	9	9	881	5	23	26	0.05	5.4	6.7
SA5112544	0.05	97.84	0.025	0.03	31	0.5	0.5	0.025	0.03	0.5	0.5	250	3	2.5	2	0.05	0.2	0.2
SA5112545	0.05	98.48	0.025	0.06	42	0.5	0.5	0.025	0.02	0.5	0.5	180	1	2.5	3	0.05	0.1	0.1
SA5112546	0.05	97.62	0.025	0.02	27	0.5	0.5	0.025	0.03	0.5	0.5	243	2	2.5	3	0.05	0.4	0.5
SA5112547	3.0	40.18	0.15	0.15	120	0.5	0.5	0.21	0.26	4	6	604	4	8	11	0.05	3.7	5.3
SA5112548	11.7	13.86	0.37	0.98	586	0.5	2	1.30	1.48	12	21	2682	7	66	61	0.05	10.6	13.5
SA5112549	6.7	25.47	0.20	0.50	297	0.5	1	0.66	0.78	10	10	1279	7	28	30	0.05	6.7	7.8
SA5112550	1.5	40.08	0.18	0.08	84	0.5	2	0.09	0.10	4	6	1939	3	2.5	6	0.05	3.8	4.8
SA5112551	3.9	28.97	0.15	0.26	210	0.5	1	0.59	0.73	7	6	616	7	19	25	0.05	4.6	5.6
SA5112552	4.1	27.69	0.20	0.32	272	0.5	2	0.79	0.95	9	6	602	12	29	35	0.05	5.5	6.3
SA5112553	3.4	31.53	0.11	0.16	114	0.5	0.5	0.22	0.28	4	5	803	5	10	12	0.05	3.2	4.2
SA5112554	0.6	32.28	0.025	0.05	43	0.5	0.5	0.11	0.15	2	2	374	2	7	8	0.05	1.7	2.2
SA5112555	2.8	30.59	0.11	0.13	231	0.5	2	0.12	0.16	3	8	1313	2	8	15	0.05	3.4	4.9
SA5112556	1.7	25.87	0.06	0.08	58	0.5	0.5	0.09	0.10	2	3	838	2	2.5	8	0.05	2.0	2.6
SA5112557	1.7	39.89	0.025	0.10	57	0.5	2	0.07	0.08	2	9	1719	2	2.5	8	0.05	3.1	4.6
SA5112558	2.5	38.46	0.22	0.18	243	0.5	2	0.14	0.15	3	12	1658	2	8	13	0.05	5.1	6.1
SA5112559	16.0	1.91	0.72	1.44	959	0.5	0.5	2.50	2.21	17	26	2336	10	120	110	0.05	20.6	18.3
SA5112560	14.3	6.09	0.90	1.33	791	0.5	2	2.10	2.06	22	23	3657	9	89	93	0.05	19.3	18.7
SA5112561	0.05	97.39	0.025	0.02	24	0.5	0.5	0.025	0.04	0.5	0.5	200	4	2.5	1	0.05	0.5	0.6
SA5112562	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112563	2.8	30.27	0.20	0.33	235	0.5	0.5	0.59	0.70	6	6	775	6	14	22	0.05	5.3	6.2
SA5112564	2.6	31.49	0.16	0.34	265	0.5	0.5	0.66	0.84	7	5	413	6	24	26	0.05	5.3	6.3
SA5112565	13.8	6.06	0.62	1.32	671	2	2	2.30	2.22	18	25	2074	10	100	101	0.05	17.8	16.4
SA5112566	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112567	2.0	44.57	0.12	0.16	144	0.5	2	0.09	0.10	3	8	2061	2	5	9	0.05	3.8	4.5
SA5112568	0.6	39.97	0.025	0.06	48	0.5	2	0.10	0.11	1	3	369	2	2.5	6	0.05	2.1	2.8
SA5112569	0.05	97.58	0.025	0.02	32	0.5	0.5	0.025	0.02	0.5	0.5	226	2	2.5	1	0.05	0.2	0.2
SA5112570	1.5	37.81	0.16	0.13	223	0.5	1	0.14	0.15	3	8	2012	2	2.5	8	0.05	4.4	5.1
SA5112571	0.05	96.31	-9	0.02	35	-9	0.5	-9	0.04	0.5	0.5	218	3	-9	2	-9	-9	0.5
SA5112572	2.2	45.95	0.29	0.17	577	0.5	2	0.22	0.21	4	16	3536	4	6	12	0.05	7.6	8.2
SA5112573	0.5	31.89	0.07	0.05	59	0.5	0.5	0.11	0.14	2	0.5	486	2	2.5	6	0.05	2.0	2.7
SA5112574	0.6	26.82	0.025	0.08	76	0.5	0.5	0.17	0.21	2	0.5	443	2	5	8	0.05	2.0	2.6

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112575	1.4	36.82	0.06	0.15	126	0.5	0.5	0.23	0.26	2	4	503	3	5	8	0.05	2.9	3.7
SA5112576	1.0	20.65	0.08	0.08	65	0.5	0.5	0.09	0.09	2	3	1034	1	2.5	6	0.05	2.6	3.8
SA5112577	1.4	26.52	0.09	0.16	132	0.5	0.5	0.16	0.20	2	4	942	12	7	8	0.1	2.9	3.6
SA5112578	0.4	29.12	0.025	0.05	54	0.5	0.5	0.07	0.08	0.5	1	722	1	2.5	4	0.05	1.6	2.3
SA5112579	0.2	38.65	0.025	0.05	40	0.5	0.5	0.025	0.06	0.5	1	562	3	2.5	4	0.05	1.9	2.8
SA5112580	0.2	81.23	0.12	0.03	37	0.5	1	0.09	0.08	1	3	439	3	2.5	4	0.05	2.8	3.6
SA5112581	0.05	98.17	0.025	0.02	26	0.5	0.5	0.025	0.02	0.5	0.5	236	3	2.5	1	0.05	0.4	0.4
SA5112582	0.05	98.28	0.025	0.005	19	0.5	0.5	0.025	0.02	0.5	0.5	218	2	2.5	1	0.05	0.4	0.4
SA5112583	1.4	36.04	0.24	0.14	186	0.5	0.5	0.17	0.20	3	5	1701	2	2.5	8	0.05	4.1	5.1
SA5112584	0.05	97.60	-9	0.005	20	-9	0.5	-9	0.04	0.5	0.5	206	3	-9	1	-9	-9	0.3
SA5112585	0.05	88.97	-9	0.005	42	-9	0.5	-9	0.04	0.5	0.5	344	4	-9	47	-9	-9	0.8
SA5112586	0.05	97.70	0.025	0.03	37	0.5	0.5	0.025	0.03	0.5	0.5	237	2	2.5	1	0.05	0.4	0.4
SA5112587	5.9	30.37	0.37	0.51	320	0.5	0.5	0.69	0.87	7	12	1531	5	26	32	0.05	7.9	9.9
SA5112588	0.2	83.51	0.18	0.01	27	0.5	1	0.08	0.07	1	4	495	2	2.5	4	0.05	3.5	4.1
SA5112589	0.6	33.26	0.06	0.07	83	0.5	0.5	0.15	0.16	2	0.5	633	3	2.5	6	0.05	2.4	3.2
SA5112590	0.3	35.94	0.05	0.04	50	0.5	0.5	0.08	0.09	1	0.5	606	3	2.5	2	0.05	2.0	2.9
SA5112591	0.05	97.83	0.08	0.01	21	0.5	0.5	0.025	0.02	0.5	0.5	244	3	2.5	1	0.05	0.4	0.5
SA5112592	0.3	61.31	0.08	0.06	61	0.5	0.5	0.11	0.11	2	3	544	2	2.5	3	0.05	3.3	4.2
SA5112593	0.05	52.18	0.06	0.02	33	0.5	0.5	0.025	0.03	0.5	2	674	6	2.5	1	0.05	2.5	3.2
SA5112594	0.05	96.00	0.025	0.02	32	0.5	0.5	0.025	0.05	0.5	0.5	282	5	2.5	2	0.05	0.3	0.4
SA5112595	1.1	31.66	0.05	0.10	77	0.5	1	0.14	0.20	2	2	484	8	2.5	6	0.05	2.1	2.9
SA5112596	1.8	42.55	0.025	0.14	105	0.5	0.5	0.16	0.18	3	3	826	3	6	6	0.05	3.0	3.7
SA5112597	1.1	31.11	0.025	0.08	67	1	1	0.11	0.13	2	2	793	3	2.5	6	0.05	1.9	2.7
SA5112598	4.6	46.09	0.18	0.36	216	3	3	0.44	0.51	7	9	2304	7	16	19	0.05	7.2	8.4
SA5112599	0.7	51.78	0.10	0.10	89	0.5	0.5	0.16	0.19	2	2	457	7	2.5	8	0.05	2.4	3.6
SA5112600	0.5	39.90	0.025	0.08	71	0.5	0.5	0.13	0.18	2	0.5	513	3	2.5	8	0.05	2.2	3.3
SA5112601	1.4	51.94	0.025	0.14	100	0.5	0.5	0.19	0.23	3	5	1012	8	2.5	10	0.05	4.0	5.4
SA5112602	5.0	39.20	0.29	0.39	297	7	8	0.76	0.49	3	20	1592	3	24	16	0.05	8.8	8.4
SA5112603	0.6	35.85	0.10	0.08	59	0.5	0.5	0.09	0.11	1	0.5	564	3	2.5	6	0.05	2.3	3.0
SA5112604	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112605	2.1	48.46	0.10	0.16	100	0.5	1	0.18	0.22	3	5	1645	5	6	9	0.05	4.3	5.6
SA5112606	12.4	18.34	0.76	1.19	605	10	9	1.60	1.74	10	31	1993	10	56	63	0.05	15.0	16.7
SA5112607	2.2	56.44	0.09	0.19	282	0.5	1	0.22	0.24	4	5	3181	5	2.5	11	0.05	5.0	6.0
SA5112608	3.2	39.49	0.37	0.22	114	0.5	1	0.21	0.26	3	7	1970	3	9	12	0.05	5.4	6.8
SA5112609	2.1	49.84	0.49	0.12	525	4	4	0.12	0.11	4	15	3589	6	2.5	9	0.05	7.0	8.8
SA5112610	2.6	28.19	0.17	0.21	206	0.5	0.5	0.47	0.58	5	2	442	6	11	16	0.05	4.1	5.4
SA5112611	1.7	27.11	0.08	0.17	86	0.5	0.5	0.16	0.20	2	2	706	2	6	9	0.05	2.8	3.6
SA5112612	0.05	96.99	-9	0.04	27	-9	0.5	-9	0.03	0.5	0.5	249	2	-9	3	-9	-9	0.2
SA5112613	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112614	0.2	96.21	-9	0.04	60	-9	0.5	-9	0.05	0.5	0.5	202	2	-9	2	-9	-9	0.5
SA5112615	0.05	97.81	-9	0.03	31	-9	0.5	-9	0.03	0.5	0.5	211	3	-9	3	-9	-9	0.3
SA5112616	3.3	14.96	0.27	0.54	546	0.5	0.5	1.00	1.08	5	22	1202	6	25	29	0.05	7.3	7.7
SA5112617	0.1	96.77	-9	0.02	35	-9	0.5	-9	0.05	0.5	0.5	248	3	-9	3	-9	-9	0.5
SA5112618	0.05	97.48	0.025	0.09	75	0.5	0.5	0.025	0.02	0.5	0.5	149	0.5	2.5	3	0.05	0.2	0.2
SA5112619	0.05	98.07	0.025	0.02	29	0.5	0.5	0.025	0.03	0.5	0.5	209	2	2.5	1	0.05	0.3	0.3
SA5112620	0.1	95.03	-9	0.03	40	-9	0.5	-9	0.08	0.5	0.5	230	5	-9	4	-9	-9	0.6
SA5112621	0.05	98.02	-9	0.04	41	-9	0.5	-9	0.03	0.5	0.5	187	1	-9	3	-9	-9	0.3
SA5112622	7.1	5.59	-9	1.01	629	-9	0.5	-9	2.44	11	18	907	10	-9	61	-9	-9	13.3
SA5112623	4.7	5.21	0.55	0.92	813	0.5	0.5	2.50	3.21	16	14	2214	8	58	59	0.05	15.6	14.7
SA5112624	0.05	97.47	0.025	0.07	48	0.5	0.5	0.025	0.04	0.5	0.5	187	2	2.5	3	0.05	0.2	0.3
SA5112625	0.05	97.84	-9	0.02	30	-9	0.5	-9	0.04	0.5	0.5	218	2	-9	4	-9	-9	0.3
SA5112626	0.05	96.96	0.025	0.02	24	0.5	0.5	0.025	0.03	0.5	0.5	230	3	2.5	4	0.05	0.3	0.2
SA5112627	0.3	31.00	0.09	0.09	38	0.5	1	0.025	0.05	0.5	6	1391	0.5	2.5	4	0.05	1.6	2.2
SA5112628	2.0	27.29	0.06	0.21	131	0.5	0.5	0.33	0.44	2	6	606	3	13	14	0.05	2.6	3.5
SA5112629	4.9	27.56	0.19	0.54	340	0.5	0.5	0.9	1.03	6	13	921	5	24	27	0.05	6.7	8.0
SA5112630	0.05	92.64	0.07	0.04	25	0.5	0.5	0.025	0.03	0.5	0.5	264	0.5	2.5	5	0.05	0.5	0.6
SA5112631	0.05	98.65	0.025	0.04	37	0.5	0.5	0.025	0.02	0.5	0.5	289	0.5	2.5	3	0.05	0.2	0.2

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112632	0.05	98.50	0.025	0.03	31	0.5	0.5	0.025	0.02	0.5	0.5	216	1	2.5	3	0.05	0.2	0.2
SA5112633	0.05	98.14	0.025	0.02	32	0.5	0.5	0.025	0.03	0.5	0.5	262	3	2.5	1	0.05	0.2	0.2
SA5112634	0.05	98.28	0.025	0.01	27	0.5	0.5	0.025	0.03	0.5	0.5	239	2	2.5	3	0.05	0.2	0.2
SA5112635	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112636	5.0	14.27	0.26	0.56	405	0.5	0.5	1.20	1.44	9	9	955	7	36	41	0.05	7.4	8.9
SA5112637	0.05	98.15	0.025	0.06	42	0.5	0.5	0.025	0.03	0.5	0.5	170	1	2.5	4	0.05	0.2	0.2
SA5112638	0.05	97.67	-9	0.06	64	-9	0.5	-9	0.04	0.5	0.5	168	3	-9	2	-9	-9	0.3
SA5112639	0.05	97.68	0.025	0.08	59	0.5	0.5	0.025	0.04	0.5	0.5	220	1	2.5	4	0.05	0.3	0.2
SA5112640	0.05	97.17	-9	0.04	57	-9	0.5	-9	0.05	0.5	0.5	214	2	-9	4	-9	-9	0.4
SA5112641	0.05	98.23	-9	0.03	41	-9	0.5	-9	0.03	0.5	0.5	314	2	-9	1	-9	-9	0.1
SA5112642	0.05	98.40	0.025	0.08	47	0.5	0.5	0.025	0.02	0.5	0.5	206	0.5	2.5	1	0.05	0.5	0.05
SA5112643	0.05	97.61	0.025	0.06	57	0.5	0.5	0.06	0.04	0.5	0.5	150	1	2.5	1	0.05	0.3	0.2
SA5112644	0.05	98.43	0.025	0.04	42	0.5	0.5	0.025	0.02	0.5	0.5	279	2	2.5	3	0.05	0.2	0.2
SA5112645	0.05	98.40	0.025	0.06	49	0.5	0.5	0.025	0.02	0.5	0.5	248	2	2.5	3	0.05	0.2	0.2
SA5112646	0.05	98.41	0.025	0.06	48	0.5	0.5	0.025	0.02	0.5	0.5	246	2	2.5	1	0.05	0.2	0.2
SA5112647	0.05	98.52	0.025	0.02	28	0.5	0.5	0.025	0.02	0.5	0.5	267	0.5	2.5	2	0.05	0.1	0.1
SA5112648	0.05	98.23	0.025	0.02	24	0.5	0.5	0.025	0.02	0.5	0.5	293	0.5	2.5	1	0.05	0.3	0.3
SA5112649	0.05	98.46	0.025	0.02	36	0.5	0.5	0.07	0.02	0.5	0.5	247	3	2.5	1	0.05	0.3	0.2
SA5112650	0.05	98.44	0.025	0.03	36	0.5	0.5	0.025	0.02	0.5	0.5	240	3	2.5	1	0.05	0.2	0.2
SA5112651	0.05	98.60	0.025	0.02	34	0.5	0.5	0.025	0.02	0.5	0.5	246	2	2.5	1	0.05	0.2	0.2
SA5112652	0.05	98.49	0.025	0.04	26	0.5	0.5	0.025	0.02	0.5	0.5	265	1	2.5	1	0.05	0.1	0.1
SA5112653	0.1	97.03	-9	0.03	44	-9	0.5	-9	0.06	0.5	0.5	188	2	-9	2	-9	-9	0.4
SA5112654	9.1	4.04	0.58	1.03	1422	0.5	2	2.50	2.27	12	24	1198	10	83	75	0.05	17.5	16.1
SA5112655	6.5	15.48	0.41	0.79	527	0.5	0.5	1.50	1.76	9	13	1152	10	45	51	0.05	10.7	11.8
SA5112656	0.05	98.14	0.025	0.03	41	0.5	0.5	0.05	0.04	0.5	0.5	220	1	2.5	3	0.05	0.5	0.4
SA5112657	0.05	97.84	0.025	0.04	63	0.5	0.5	0.025	0.03	0.5	0.5	165	1	2.5	4	0.05	0.3	0.3
SA5112658	0.05	98.40	0.025	0.02	39	0.5	0.5	0.025	0.03	0.5	0.5	214	2	2.5	2	0.05	0.3	0.3
SA5112659	0.05	98.19	0.025	0.07	88	0.5	0.5	0.025	0.02	0.5	0.5	197	0.5	2.5	3	0.05	0.2	0.05
SA5112660	0.05	98.39	0.025	0.03	31	0.5	0.5	0.025	0.02	0.5	0.5	227	2	2.5	3	0.05	0.2	0.2
SA5112661	0.7	46.13	0.025	0.15	114	0.5	0.5	0.21	0.28	2	5	464	2	2.5	9	0.05	1.9	2.6
SA5112662	0.05	97.71	0.025	0.02	38	0.5	0.5	0.025	0.03	0.5	0.5	199	0.5	2.5	3	0.05	0.4	0.4
SA5112663	0.05	98.84	0.025	0.02	30	0.5	0.5	0.025	0.02	0.5	0.5	214	1	2.5	4	0.05	0.2	0.2
SA5112664	0.05	98.34	-9	0.01	30	-9	0.5	-9	0.03	0.5	0.5	237	3	-9	3	-9	-9	0.3
SA5112665	3.5	15.70	0.21	0.45	282	0.5	0.5	0.86	1.03	5	9	631	5	24	27	0.05	5.9	7.2
SA5112666	0.05	96.25	-9	0.03	45	-9	0.5	-9	0.06	0.5	0.5	229	2	-9	5	-9	-9	0.4
SA5112667	0.05	98.13	0.025	0.02	42	0.5	0.5	0.025	0.02	0.5	0.5	310	2	2.5	3	0.05	0.2	0.3
SA5112668	0.05	97.58	0.025	0.005	19	0.5	0.5	0.025	0.03	0.5	0.5	352	3	2.5	3	0.05	0.3	0.5
SA5112669	8.9	1.79	0.37	0.84	469	0.5	0.5	2.30	3.18	12	16	635	22	120	116	0.05	10.2	9.5
SA5112670	1.4	60.41	0.40	0.14	179	0.5	2	0.26	0.25	2	18	3729	3	7	11	0.05	6.7	7.6
SA5112671	0.05	98.19	0.025	0.04	53	0.5	0.5	0.025	0.02	0.5	0.5	223	1	2.5	2	0.05	0.2	0.3
SA5112672	0.05	98.07	0.025	0.005	29	0.5	0.5	0.025	0.03	0.5	0.5	276	0.5	2.5	1	0.05	0.3	0.4
SA5112673	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112674	0.05	98.93	0.025	0.005	18	0.5	0.5	0.025	0.03	0.5	0.5	219	0.5	2.5	3	0.05	0.2	0.3
SA5112675	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112676	0.05	95.81	0.08	0.02	41	0.5	0.5	0.025	0.04	0.5	0.5	341	2	2.5	3	0.05	0.9	1.1
SA5112677	4.7	20.95	0.32	0.56	444	0.5	0.5	1.20	1.41	10	9	946	12	35	41	0.1	8.2	9.3
SA5112678	0.6	35.01	0.06	0.08	169	0.5	0.5	0.05	0.07	0.5	3	472	0.5	2.5	5	0.05	1.6	2.1
SA5112679	0.05	93.46	0.06	0.02	58	0.5	0.5	0.025	0.04	0.5	0.5	501	0.5	2.5	3	0.05	0.6	0.6
SA5112680	0.05	98.36	0.025	0.02	37	0.5	0.5	0.025	0.02	0.5	0.5	291	2	2.5	3	0.05	0.3	0.3
SA5112681	3.9	14.66	0.28	0.48	352	0.5	0.5	1.30	1.55	8	8	734	7	39	40	0.05	7.7	8.8
SA5112682	0.05	96.57	0.025	0.01	32	0.5	0.5	0.025	0.04	0.5	0.5	492	3	2.5	4	0.05	1.2	1.4
SA5112683	0.05	97.04	0.025	0.06	108	0.5	0.5	0.025	0.03	0.5	0.5	468	0.5	2.5	3	0.05	0.2	0.3
SA5112684	1.2	45.16	0.14	0.13	118	0.5	0.5	0.16	0.19	3	5	715	3	8	12	0.05	2.5	3.0
SA5112685	0.05	93.63	0.025	0.02	39	0.5	0.5	0.025	0.04	0.5	0.5	476	3	2.5	6	0.05	0.5	0.6
SA5112686	0.05	94.89	0.025	0.03	79	0.5	0.5	0.025	0.04	0.5	0.5	603	2	2.5	4	0.05	0.4	0.5
SA5112687	0.05	23.57	0.025	0.02	73	0.5	1	0.025	0.04	0.5	1	526	6	2.5	4	0.05	1.0	1.4
SA5112688	0.8	46.99	0.14	0.08	85	0.5	0.5	0.09	0.11	2	5	852	2	5	10	0.05	2.3	2.9

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112689	0.05	28.51	0.025	0.005	13	0.5	0.5	0.025	0.02	0.5	0.5	186	0.5	2.5	1	0.05	0.6	0.9
SA5112690	0.05	78.36	0.06	0.01	48	0.5	0.5	0.025	0.04	0.5	2	390	2	2.5	4	0.05	1.2	1.6
SA5112691	0.05	96.41	0.025	0.03	25	0.5	0.5	0.025	0.02	0.5	0.5	391	3	2.5	4	0.05	0.7	0.8
SA5112692	2.7	66.50	0.18	0.14	131	0.5	0.5	0.61	0.64	7	7	411	6	25	28	0.05	5.7	6.1
SA5112693	1.3	64.94	0.13	0.12	235	0.5	1	0.83	0.99	10	3	442	6	26	31	0.05	4.0	4.4
SA5112694	3.3	55.48	0.12	0.25	261	0.5	0.5	0.72	0.89	8	5	895	6	23	26	0.05	4.7	5.9
SA5112695	1.0	37.19	0.17	0.06	50	0.5	0.5	0.05	0.06	1	3	1856	4	2.5	6	0.05	2.4	3.5
SA5112696	0.05	85.55	0.025	0.005	29	0.5	0.5	0.025	0.05	0.5	0.5	313	2	2.5	3	0.05	0.8	0.9
SA5112697	0.5	39.46	0.07	0.02	30	0.5	0.5	0.08	0.09	1	3	422	2	2.5	3	0.05	2.2	3.4
SA5112698	0.05	98.08	0.025	0.02	23	0.5	0.5	0.025	0.02	0.5	0.5	395	2	2.5	1	0.05	0.3	0.3
SA5112699	0.05	96.75	0.06	0.005	33	0.5	0.5	0.025	0.02	0.5	0.5	462	2	2.5	4	0.05	0.9	1.3
SA5112700	0.05	98.40	0.025	0.005	15	0.5	0.5	0.025	0.02	0.5	0.5	284	2	2.5	3	0.05	0.3	0.4
SA5112701	4.7	7.35	0.41	0.83	698	0.5	0.5	2.20	3.21	13	12	1434	9	49	54	0.05	12.2	14.0
SA5112702	0.1	93.78	0.06	0.02	41	0.5	1	0.10	0.14	0.5	1	309	3	2.5	8	0.05	0.9	1.4
SA5112703	0.05	96.55	0.07	0.01	38	0.5	0.5	0.025	0.03	0.5	0.5	342	2	2.5	4	0.05	0.6	0.8
SA5112704	0.05	97.81	0.06	0.005	21	0.5	0.5	0.025	0.03	0.5	0.5	588	2	2.5	1	0.05	1.0	1.3
SA5112705	0.6	38.37	0.11	0.04	40	0.5	1	0.05	0.06	0.5	3	411	2	2.5	1	0.05	2.0	2.7
SA5112706	0.2	94.68	0.025	0.005	18	0.5	0.5	0.025	0.03	0.5	0.5	366	1	2.5	1	0.05	1.0	1.3
SA5112707	0.1	94.12	-9	0.02	45	-9	0.5	-9	0.03	0.5	0.5	403	3	-9	3	-9	-9	0.6
SA5112708	0.05	98.70	0.025	0.005	18	0.5	0.5	0.025	0.02	0.5	0.5	318	1	2.5	1	0.05	0.2	0.2
SA5112709	2.2	27.70	0.15	0.19	155	0.5	0.5	0.26	0.34	3	5	788	2	10	13	0.05	3.2	4.3
SA5112710	1.4	60.37	0.09	0.11	145	0.5	0.5	0.23	0.30	3	5	862	4	8	13	0.05	2.8	3.8
SA5112711	6.7	6.83	0.49	0.88	656	0.5	0.5	2.40	2.65	14	13	1204	8	59	73	0.05	13.3	14.0
SA5112712	0.6	27.04	0.025	0.04	47	0.5	0.5	0.06	0.10	0.5	0.5	485	1	2.5	6	0.05	1.6	2.2
SA5112713	7.2	20.33	-9	1.19	676	-9	1	-9	1.93	18	18	851	12	-9	53	-9	-9	17.4
SA5112714	0.3	25.18	0.025	0.01	23	0.5	1	0.025	0.04	0.5	0.5	334	1	2.5	4	0.05	0.6	1.0
SA5112715	4.3	13.92	0.35	0.70	565	0.5	0.5	1.7	2.16	12	9	1008	7	44	55	0.05	10.0	12.2
SA5112716	0.2	86.88	0.025	0.02	29	0.5	3	0.025	0.04	0.5	3	372	2	2.5	3	0.05	1.5	2.0
SA5112717	2.1	42.12	0.10	0.17	147	0.5	1	0.20	0.26	4	5	791	4	7	12	0.05	2.8	3.6
SA5112718	3.1	20.38	0.07	0.22	137	0.5	0.5	0.24	0.32	3	5	876	2	9	14	0.05	3.1	4.3
SA5112719	3.3	14.84	0.14	0.28	223	0.5	0.5	0.39	0.47	4	7	510	3	14	20	0.05	4.4	5.9
SA5112720	0.1	29.68	0.08	0.02	24	0.5	1	0.025	0.04	0.5	0.5	546	1	2.5	6	0.05	0.9	1.3
SA5112721	3.2	21.69	0.19	0.24	255	0.5	0.5	0.94	1.21	9	3	608	7	34	39	0.05	4.5	5.2
SA5112722	0.3	95.40	0.08	0.005	28	0.5	0.5	0.025	0.05	0.5	0.5	301	3	2.5	5	0.05	1.2	1.5
SA5112723	0.05	90.94	0.05	0.04	32	0.5	0.5	0.025	0.02	0.5	0.5	361	0.5	2.5	2	0.05	0.9	1.1
SA5112724	2.8	49.73	0.17	0.20	159	0.5	0.5	0.30	0.33	3	7	1389	3	13	15	0.05	4.3	4.8
SA5112725	0.4	89.22	0.05	0.03	79	0.5	0.5	0.07	0.08	0.5	2	478	4	2.5	5	0.05	1.4	1.7
SA5112726	1.5	55.61	0.09	0.10	91	0.5	0.5	0.11	0.12	1	6	822	3	5	8	0.05	2.4	3.3
SA5112727	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112728	0.8	35.24	0.025	0.10	113	0.5	2	0.30	0.38	3	0.5	420	5	9	14	0.05	2.4	3.1
SA5112729	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112730	0.9	26.33	0.025	0.08	75	0.5	1	0.14	0.18	2	0.5	1023	3	6	9	0.05	2.3	3.0
SA5112731	0.05	95.24	0.025	0.02	36	0.5	0.5	0.025	0.03	0.5	0.5	352	8	2.5	4	0.05	0.3	0.4
SA5112732	0.05	96.98	0.025	0.005	23	0.5	0.5	0.025	0.03	0.5	0.5	274	2	2.5	5	0.05	0.7	1.0
SA5112733	0.3	34.97	0.07	0.03	99	0.5	1	0.025	0.05	0.5	3	604	0.5	2.5	5	0.05	1.2	1.8
SA5112734	0.1	92.52	0.025	0.02	57	0.5	0.5	0.07	0.09	0.5	0.5	450	2	2.5	5	0.05	1.0	1.2
SA5112735	0.05	85.63	0.08	0.01	44	0.5	0.5	0.025	0.04	0.5	0.5	679	2	2.5	4	0.05	1.8	2.5
SA5112736	2.1	40.57	0.16	0.11	155	0.5	0.5	0.13	0.15	2	7	2040	6	8	10	0.05	3.6	4.9
SA5112737	0.05	48.50	0.025	0.02	40	0.5	1	0.025	0.03	0.5	0.5	538	3	2.5	1	0.05	0.9	1.3
SA5112738	6.3	17.13	0.54	0.78	667	0.5	0.5	2.00	3.22	14	12	880	8	53	58	0.05	13.1	13.9
SA5112739	1.2	27.53	0.06	0.13	163	0.5	0.5	0.10	0.26	1	4	496	3	2.5	13	0.05	1.4	3.4
SA5112740	0.4	40.35	0.10	0.06	66	0.5	0.5	0.22	0.11	0.5	0.5	339	2	7	5	0.05	2.7	1.7
SA5112741	0.3	91.62	0.08	0.02	41	0.5	0.5	0.09	0.10	0.5	0.5	491	3	2.5	7	0.05	1.7	2.1
SA5112742	0.4	85.28	0.10	0.04	66	0.5	0.5	0.15	0.15	0.5	0.5	420	2	2.5	6	0.05	1.7	2.1
SA5112743	3.5	24.75	0.35	0.39	303	0.5	2	0.70	0.85	7	10	1438	5	21	27	0.05	10.0	12.1
SA5112744	1.0	94.19	-9	0.005	40	-9	3	-9	0.12	0.5	0.5	372	1	-9	20	-9	-9	2.6
SA5112745	0.05	93.79	-9	0.005	40	-9	0.5	-9	0.12	0.5	0.5	768	1	-9	279	-9	-9	3.8

FldNum	Li2_ppm	LOI _pct	Lu1_ppm	Mg2_pct	Mn2_ppm	Mo1_ppm	Mo2_ppm	Na1_pct	Na2_pct	Nb2_ppm	Ni2_ppm	P2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sc2_ppm
SA5112746	1.6	51.85	0.10	0.15	179	0.5	0.5	0.30	0.40	3	3	744	4	7	12	0.05	2.6	3.9
SA5112747	5.9	10.33	0.34	0.78	570	0.5	0.5	2.30	3.21	11	10	1168	10	58	64	0.05	11.5	12.2
SA5112748	0.2	87.16	0.08	0.03	76	0.5	0.5	0.06	0.06	0.5	0.5	439	1	2.5	7	0.05	0.8	1.0
SA5112749	2.2	41.10	0.17	0.16	179	0.5	0.5	0.25	0.29	2	6	1904	2	8	12	0.05	3.8	4.7
SA5112750	0.05	94.72	0.025	0.01	44	0.5	3	0.05	0.06	0.5	0.5	401	2	2.5	4	0.05	1.6	2.0
SA5112751	0.05	97.65	0.07	0.005	22	0.5	0.5	0.025	0.02	0.5	0.5	358	2	2.5	4	0.05	1.0	1.3
SA5112752	0.05	97.87	0.025	0.005	28	0.5	0.5	0.025	0.03	0.5	0.5	328	1	2.5	1	0.05	0.4	0.5
SA5112753	0.6	95.76	0.07	0.005	25	0.5	0.5	0.07	0.08	0.5	0.5	195	4	2.5	6	0.05	0.8	1.0
SA5112754	5.9	7.15	0.35	0.79	565	0.5	0.5	2.60	2.53	10	11	1234	10	69	68	0.05	11.6	12.2
SA5112755	0.9	57.59	0.13	0.07	131	0.5	1	0.11	0.13	1	5	2185	2	2.5	8	0.05	2.6	3.8
SA5112756	0.05	97.91	0.025	0.005	24	0.5	0.5	0.025	0.03	0.5	0.5	366	2	2.5	3	0.05	0.5	0.7
SA5112757	0.9	54.74	0.15	0.08	166	0.5	1	0.12	0.14	1	6	1381	3	2.5	7	0.05	2.4	3.1
SA5112758	1.9	35.25	0.18	0.20	702	0.5	0.5	0.24	0.23	0.5	26	5393	3	10	12	0.05	4.7	4.7
SA5112759	0.05	95.53	0.025	0.01	22	0.5	0.5	0.025	0.04	0.5	0.5	231	1	2.5	1	0.05	0.6	0.8
SA5112760	2.6	38.60	0.10	0.18	156	0.5	0.5	0.32	0.37	3	5	819	6	7	15	0.05	3.4	4.3
SA5112761	0.2	93.49	-9	0.02	70	-9	1	-9	0.10	1	0.5	433	2	-9	5	-9	-9	1.1
SA5112762	0.05	92.77	0.025	0.01	67	0.5	0.5	0.025	0.04	0.5	0.5	423	1	2.5	6	0.05	0.4	0.4
SA5112763	0.3	92.15	0.05	0.04	59	0.5	0.5	0.12	0.14	2	1	449	4	5	6	0.05	1.5	1.9
SA5112764	2.4	50.22	-9	0.33	370	-9	0.5	-9	1.37	10	5	1088	8	-9	45	-9	-9	7.4
SA5112765	3.2	17.04	0.28	0.37	475	0.5	0.5	2.10	2.26	18	5	535	15	65	70	0.05	7.9	7.6
SA5112766	0.2	96.09	0.025	0.005	20	0.5	0.5	0.05	0.06	0.5	0.5	317	3	2.5	5	0.05	0.5	0.6
SA5112767	0.05	98.14	0.025	0.05	32	0.5	0.5	0.06	0.06	0.5	0.5	216	2	2.5	1	0.05	0.2	0.1
SA5112768	0.05	98.37	0.025	0.01	20	0.5	0.5	0.025	0.03	0.5	0.5	317	2	2.5	3	0.05	0.1	0.2
SA5112769	0.2	55.42	0.025	0.005	16	0.5	2	0.025	0.05	0.5	0.5	174	0.5	2.5	4	0.05	0.7	0.8
SA5112770	0.1	96.95	0.025	0.005	16	0.5	0.5	0.025	0.04	0.5	0.5	266	3	2.5	4	0.05	0.5	0.5
SA5112771	0.7	79.66	0.10	0.05	88	0.5	0.5	0.34	0.39	3	0.5	522	4	11	14	0.05	2.4	2.5
SA5112772	9.4	3.23	0.61	1.03	685	0.5	0.5	2.90	2.76	13	15	1335	10	85	76	0.05	17.1	15.8
SA5112773	1.9	59.99	-9	0.27	305	-9	0.5	-9	1.13	8	2	470	6	-9	29	-9	-9	6.4
SA5112774	0.2	96.39	0.025	0.01	39	0.5	0.5	0.06	0.06	0.5	0.5	251	2	2.5	4	0.05	0.4	0.4
SA5112775	1.7	40.14	0.10	0.17	322	0.5	1	0.24	0.29	2	4	970	2	7	11	0.05	3.2	3.9
SA5112776	0.2	96.96	0.28	0.02	28	0.5	0.5	0.17	0.06	0.5	0.5	360	3	2.5	4	0.05	7.0	1.0
SA5112777	1.2	75.41	-9	0.08	82	-9	2	-9	0.15	5	9	4013	4	-9	8	-9	-9	7.8
SA5112778	1.7	51.29	0.44	0.09	255	0.5	3	0.10	0.09	2	8	2320	3	5	9	0.05	7.1	9.0
SA5112779	2.1	32.13	0.14	0.09	82	0.5	0.5	0.16	0.21	2	4	370	2	7	9	0.05	2.7	3.7
SA5112780	0.6	57.88	0.13	0.04	49	0.5	0.5	0.13	0.17	4	1	493	6	5	9	0.05	3.5	4.5
SA5112781	7.0	45.26	0.47	0.30	189	2	2	0.38	0.44	8	7	1461	8	20	30	0.05	7.1	8.6
SA5112782	7.6	40.88	0.55	0.61	475	0.5	1	1.00	1.24	24	9	581	9	43	49	0.05	13.0	14.4
SA5112783	2.0	46.79	0.20	0.14	134	0.5	3	0.23	0.28	7	4	1272	6	10	15	0.05	4.3	5.3
SA5112784	20.3	7.40	1.00	1.25	753	0.5	1	2.10	2.13	18	22	1483	11	110	97	0.05	18.1	18.4
SA5112785	0.7	82.06	0.22	0.04	114	0.5	1	0.08	0.09	2	5	419	1	2.5	6	0.05	2.3	2.7
SA5112786	0.4	89.38	0.025	0.03	53	0.5	1	0.11	0.10	0.5	2	283	1	2.5	8	0.05	1.6	1.9
SA5112787	4.5	2.89	-9	0.69	591	-9	1	-9	2.88	21	12	285	17	-9	117	-9	-9	12.4
SA5112788	3.9	25.85	0.86	1.08	851	0.5	2	1.80	2.91	41	20	443	19	49	61	0.05	18.0	19.8

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5111891	0.5	3.5	26	0.3	0.25	4.1	777	6.9	7	0.5	20	1.0	19	50	4	10072089	165	1
SA5111892	0.5	3.4	39	0.1	0.25	6.2	838	5.7	5	0.5	16	0.6	10	50	8	10072091	217	1
SA5111893	0.5	11.4	84	0.3	1.9	5.1	1237	2.9	35	0.5	129	5.9	24	50	9	10072092	282	1
SA5111894	0.5	9.4	147	0.4	1.1	6.2	2356	1.5	46	0.5	33	2.4	54	50	15	10072093	333	1
SA5111895	0.5	4.3	39	0.3	0.5	4.0	1142	0.9	24	0.5	18	1.0	22	50	10	10072094	251	1
SA5111896	0.5	0.1	47	0.1	0.25	0.1	76	0.05	0.5	0.5	0.5	0.25	15	50	1	-9	-9	-9
SA5111897	0.5	7.7	147	0.4	0.9	6.5	1796	2.8	21	0.5	25	1.4	32	50	18	10072095	294	1
SA5111898	0.5	6.6	118	0.4	0.7	5.8	1523	1.0	24	0.5	23	2.1	28	50	17	10072096	241	1
SA5111899	0.5	8.5	80	0.2	0.9	4.8	860	15.5	40	0.5	28	1.7	55	50	6	10072097	139	1
SA5111900	0.5	0.2	27	0.1	0.25	0.3	65	0.1	0.5	0.5	0.5	0.25	9	50	1	10072098	37	1
SA5111901	0.5	15.2	42	0.3	1.6	7.5	780	1.5	28	0.5	44	2.6	30	50	4	10072099	269	1
SA5111902	0.5	6.5	52	0.5	0.8	6.3	1754	1.2	39	0.5	26	1.8	26	50	9	10072101	205	1
SA5111903	0.5	0.7	23	0.1	0.25	0.3	88	0.05	0.5	0.5	2	0.25	8	50	1	10072102	67	1
SA5111904	0.5	8.9	201	1.0	1.0	6.2	3602	1.8	22	0.5	37	3.8	30	640	39	10072103	229	1
SA5111905	0.5	6.1	76	0.7	0.7	5.9	1754	1.3	19	0.5	31	2.6	17	50	16	10072104	190	1
SA5111906	0.5	6.5	25	0.1	0.6	2.9	311	0.4	7	0.5	20	1.0	8	50	4	10072105	24	1
SA5111907	0.5	25.6	333	1.0	2.7	22.6	5966	7.2	94	0.5	84	8.0	239	50	47	10072106	128	1
SA5111908	0.5	4.9	83	0.1	0.6	3.8	1088	1.8	24	0.5	20	1.3	24	50	8	10072107	204	1
SA5111909	0.5	5.2	53	0.1	0.6	3.2	777	1.7	19	0.5	20	1.2	27	50	8	10072108	162	1
SA5111910	0.5	5.0	20	0.1	0.6	3.1	411	0.9	7	0.5	18	1.0	9	50	3	10072109	238	1
SA5111911	0.5	7.9	45	0.3	0.8	5.4	1209	0.9	48	0.5	25	1.7	39	50	7	10072111	200	1
SA5111912	0.5	1.1	25	0.1	0.25	0.7	135	0.05	3	0.5	4	0.25	11	50	1	10072112	45	1
SA5111913	0.5	5.2	28	0.1	0.6	4.9	962	0.6	25	0.5	16	1.1	11	50	5	10072113	235	1
SA5111914	0.5	9.1	54	0.3	0.9	7.4	1341	0.9	38	0.5	24	1.6	26	50	8	10072114	198	1
SA5111915	0.5	3.6	62	0.3	0.25	3.7	1042	0.4	16	0.5	11	0.6	17	50	7	10072115	280	1
SA5111916	0.5	3.7	27	0.4	0.25	4.8	772	2.9	11	0.5	15	1.1	14	50	5	10072116	303	1
SA5111917	0.5	11.9	27	0.4	1.6	10.0	886	3.0	39	0.5	47	3.4	50	50	4	10072117	316	1
SA5111918	0.5	19.9	426	1.3	2.1	15.3	4849	2.3	71	0.5	57	5.3	147	260	29	10072118	217	1
SA5111919	0.5	16.7	41	0.2	2.0	10.2	911	5.1	23	0.5	69	4.1	32	50	4	10072119	294	1
SA5111920	0.5	116.0	29	0.6	16.0	47.1	1058	15.9	452	0.5	631	50.9	110	50	14	10072121	226	1
SA5111921	0.5	5.5	24	0.1	0.8	3.1	504	1.2	12	0.5	29	2.0	14	50	4	10072122	156	1
SA5111922	0.5	2.5	36	0.3	0.25	3.3	1066	1.0	12	0.5	12	0.8	15	50	5	10072123	278	1
SA5111923	0.5	5.2	55	0.2	0.6	4.7	1557	1.2	23	0.5	23	1.0	22	50	6	10072124	405	1
SA5111924	0.5	7.1	82	0.3	0.9	6.4	1950	6.5	19	0.5	32	2.2	31	50	10	10072125	597	1
SA5111925	0.5	6.8	72	0.3	0.8	6.0	1513	6.1	31	0.5	30	2.0	28	50	8	10072126	405	1
SA5111926	0.5	1.9	79	0.4	0.25	3.9	1604	0.9	11	0.5	8	0.25	9	160	18	10072127	510	1
SA5111927	0.5	8.0	30	0.3	0.8	5.1	1135	1.3	32	0.5	27	1.8	38	50	4	10072128	256	1
SA5111928	0.5	4.6	50	0.3	0.5	5.3	1294	1.0	19	0.5	15	0.7	21	50	10	10072129	209	1
SA5111929	0.5	4.6	23	0.1	0.6	5.3	666	0.7	11	0.5	17	0.6	10	50	5	10072131	264	1
SA5111930	0.5	0.8	16	0.1	0.25	0.4	43	0.05	0.5	0.5	2	0.25	8	50	0.5	10072132	154	1
SA5111931	0.5	5.6	49	0.1	0.6	4.6	964	0.5	12	0.5	16	1.1	14	50	8	10072133	150	1
SA5111932	0.5	2.8	17	0.1	0.25	2.2	317	0.2	7	0.5	8	0.25	9	50	2	10072134	144	1
SA5111933	0.5	5.6	196	0.4	0.6	4.1	2107	0.9	21	0.5	28	2.0	24	50	24	10072135	334	1
SA5111934	0.5	2.4	62	0.3	0.25	3.0	1029	0.6	17	0.5	8	0.6	12	50	7	10072136	276	1
SA5111935	0.5	6.7	63	0.3	0.7	4.6	1275	0.9	32	0.5	24	1.5	34	50	10	10072137	173	1
SA5111936	0.5	1.7	41	0.1	0.25	2.3	711	0.5	15	0.5	6	0.25	7	50	5	10072138	232	1
SA5111937	0.5	1.8	41	0.1	0.25	1.7	430	0.3	12	0.5	6	0.25	9	50	4	10072139	84	1
SA5111938	0.5	1.2	29	0.1	0.25	0.4	58	0.1	0.5	0.5	4	0.25	8	50	1	10072141	153	1
SA5111939	0.5	12.6	116	0.1	1.3	6.3	895	1.3	62	0.5	40	3.3	68	50	3	10072142	252	1
SA5111940	0.5	4.3	67	0.1	0.25	3.0	782	0.6	34	0.5	15	1.0	26	50	6	10072143	156	1
SA5111941	0.5	4.1	148	0.3	0.25	5.1	1379	0.9	24	0.5	16	1.3	17	50	14	10072144	268	1
SA5111942	0.5	0.8	29	0.1	0.25	1.1	250	0.2	5	0.5	3	0.25	16	50	3	10072145	21	1
SA5111943	0.5	19.3	249	0.7	1.9	12.5	3301	2.1	89	0.5	65	5.3	163	50	27	10072146	155	1
SA5111944	0.5	1.7	30	0.1	0.25	1.4	194	0.2	9	0.5	7	0.25	14	50	2	10072147	113	1
SA5111945	0.5	0.8	42	0.1	0.25	0.4	67	0.05	0.5	0.5	3	0.25	9	50	1	10072148	105	1
SA5111946	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072149	405	1
SA5111947	0.5	4.3	47	0.4	0.5	3.3	1674	1.4	14	0.5	20	0.25	28	50	10	10072151	498	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5111948	0.5	4.8	66	0.5	0.25	4.3	2060	1.3	14	0.5	17	0.8	22	50	12	10072152	688	1
SA5111949	0.5	32.9	34	0.6	3.3	15.3	1630	4.3	83	0.5	97	7.9	149	50	9	10072153	261	1
SA5111950	0.5	1.3	31	0.1	0.25	0.5	79	0.05	1	0.5	5	0.25	11	50	1	10072154	101	1
SA5111951	0.5	9.0	25	0.3	0.9	4.5	1168	1.2	26	0.5	30	2.4	29	50	9	10072155	339	1
SA5111952	0.5	8.0	39	0.4	0.9	5.2	1503	1.3	38	0.5	30	1.9	31	50	11	10072156	278	1
SA5111953	0.5	2.6	22	0.1	0.25	4.2	716	1.0	8	0.5	12	0.6	13	50	4	10072157	339	1
SA5111954	0.5	2.3	39	0.2	0.25	3.5	892	0.9	10	0.5	11	0.9	12	50	6	10072158	469	1
SA5111955	0.5	14.6	38	0.1	1.4	8.8	713	2.0	29	0.5	54	3.6	43	50	6	10072159	279	1
SA5111956	0.5	3.8	56	0.1	0.25	3.9	1178	1.1	19	0.5	15	0.8	22	50	10	10072161	452	1
SA5111957	0.5	1.8	26	0.3	0.25	2.9	960	0.8	18	0.5	8	0.25	10	50	4	10072162	353	1
SA5111958	0.5	31.3	30	0.4	3.6	18.3	750	5.6	53	0.5	74	7.4	115	50	6	10072163	186	1
SA5111959	0.5	19.7	37	0.1	2.4	8.2	1518	2.6	106	0.5	110	5.6	117	50	7	10072164	202	1
SA5111960	0.5	11.2	111	0.4	1.2	7.4	2029	1.9	40	0.5	35	2.6	41	50	12	10072165	412	1
SA5111961	0.5	9.3	134	0.1	1.1	4.8	877	1.2	24	0.5	49	3.1	41	50	9	10072166	197	1
SA5111962	0.5	1.9	44	0.1	0.25	1.5	411	0.3	8	0.5	8	0.25	10	50	4	10072167	91	1
SA5111963	0.5	3.5	59	0.1	0.25	3.2	783	0.6	11	0.5	14	1.0	10	50	8	10072168	242	1
SA5111964	0.5	6.3	63	0.3	0.7	3.9	1145	1.5	41	0.5	26	1.8	21	50	12	10072169	119	1
SA5111965	0.5	11.0	128	0.3	1.2	6.9	1657	1.6	81	0.5	35	2.8	52	50	8	10072171	421	1
SA5111966	0.5	7.5	89	0.2	0.7	7.4	1330	1.3	77	0.5	19	1.1	42	50	7	10072172	244	1
SA5111967	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072173	42	1
SA5111968	0.5	0.5	17	0.1	0.25	0.4	117	0.05	3	0.5	2	0.25	9	50	2	10072174	31	1
SA5111969	0.5	0.8	19	0.1	0.25	0.5	102	0.05	3	0.5	3	0.25	8	50	2	10072175	82	1
SA5111970	0.5	0.9	26	0.1	0.25	0.4	72	0.05	2	0.5	4	0.25	9	50	1	10072176	34	1
SA5111971	0.5	11.4	223	0.9	1.3	5.6	5236	1.4	70	0.5	46	4.0	70	560	58	10072177	172	1
SA5111972	0.5	5.7	44	0.2	0.6	2.8	835	0.5	39	0.5	18	1.3	21	50	10	10072178	155	1
SA5111973	0.5	5.0	39	0.1	0.25	2.6	525	0.5	24	0.5	16	0.8	21	50	3	10072179	147	1
SA5111974	0.5	5.6	32	0.1	0.5	2.4	466	1.8	23	0.5	20	1.5	27	50	3	10072181	127	1
SA5111975	0.5	9.2	60	0.3	0.9	4.2	1050	0.6	47	0.5	32	2.9	56	50	8	10072182	148	1
SA5111976	0.5	8.7	65	0.1	0.7	5.2	1332	2.4	44	0.5	29	2.1	42	50	10	10072183	193	1
SA5111977	0.5	2.7	106	0.8	0.25	7.4	4159	0.8	31	0.5	10	0.9	16	190	44	10072184	66	1
SA5111978	0.5	21.1	43	0.1	2.1	9.4	940	2.8	64	0.5	73	4.9	76	50	9	10072185	118	1
SA5111979	0.5	8.0	29	0.2	0.7	7.4	843	4.2	38	0.5	24	1.3	20	50	8	10072186	176	1
SA5111980	0.5	6.2	94	0.1	0.6	2.7	1381	4.6	35	0.5	22	1.4	34	50	13	10072187	175	1
SA5111981	0.5	4.1	73	0.1	0.25	2.3	790	3.6	9	0.5	17	1.2	14	50	11	10072188	217	1
SA5111982	0.5	3.4	35	0.1	0.25	2.4	924	0.6	13	0.5	15	0.9	9	50	6	10072189	120	1
SA5111983	0.5	13.6	42	0.1	1.6	6.1	1001	5.5	59	0.5	52	3.4	88	50	4	10072191	102	1
SA5111984	0.5	4.4	40	0.2	0.25	3.9	813	0.9	21	0.5	14	0.7	22	50	6	10072192	213	1
SA5111985	0.5	20.2	46	0.1	1.7	12.5	793	1.8	94	0.5	51	3.6	219	50	6	10072193	166	1
SA5111986	0.5	2.2	34	0.1	0.25	2.3	761	0.4	12	0.5	8	0.8	15	50	5	10072194	108	1
SA5111987	0.5	8.0	53	0.1	0.7	4.8	578	0.7	36	0.5	23	1.3	71	50	4	10072195	113	1
SA5111988	0.5	6.5	43	0.3	0.7	2.9	751	0.4	36	0.5	22	1.9	45	50	5	10072196	95	1
SA5111989	0.5	10.4	47	0.3	0.9	4.7	936	0.7	48	0.5	30	2.1	56	50	8	10072197	108	1
SA5111990	0.5	3.2	90	0.1	0.25	2.4	1237	0.3	36	0.5	14	0.9	34	50	12	10072198	86	1
SA5111991	0.5	0.3	35	0.1	0.25	0.2	67	0.05	0.5	0.5	1	0.25	10	50	1	10072199	53	1
SA5111992	0.5	3.4	31	0.1	0.25	1.2	456	0.3	20	0.5	13	0.8	34	50	3	10072201	115	1
SA5111993	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072202	72	1
SA5111994	0.5	1.2	25	0.1	0.25	0.4	82	0.05	2	0.5	4	0.25	8	50	2	10072203	54	1
SA5111995	0.5	3.8	62	0.1	0.25	1.5	538	0.3	16	0.5	13	1.4	33	50	4	10072204	159	1
SA5111996	0.5	15.0	76	0.1	1.3	10.0	622	1.3	64	0.5	43	2.8	173	50	5	10072205	146	1
SA5111997	0.5	4.6	28	0.1	0.25	1.4	499	0.3	27	0.5	18	1.0	18	50	3	10072206	162	1
SA5111998	0.5	0.3	31	0.1	0.25	0.3	80	0.05	1	0.5	1	0.25	12	50	1	10072207	19	1
SA5111999	0.5	5.2	70	0.1	0.5	3.1	915	0.6	51	0.5	19	1.2	39	50	7	10072208	148	1
SA5112000	0.5	2.8	35	0.1	0.25	1.3	634	0.2	14	0.5	12	0.8	20	50	4	10072209	138	1
SA5112001	0.5	18.2	532	1.5	2.1	6.2	7099	1.4	86	0.5	60	5.6	105	980	72	10072211	164	1
SA5112002	0.5	0.6	54	0.1	0.25	0.3	246	0.05	3	0.5	2	0.25	15	50	3	10072212	41	1
SA5112003	0.5	10.0	265	0.5	1.1	3.6	3055	0.8	63	0.5	38	3.4	49	460	34	10072213	137	1
SA5112004	0.5	10.0	44	0.6	1.0	3.7	91	0.8	1	0.5	1	3.4	10	540	1	10072214	38	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112005	0.5	0.2	25	0.1	0.25	0.2	32	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072215	32	1
SA5112006	0.5	0.6	20	0.1	0.25	0.4	35	0.05	2	0.5	2	0.25	10	50	0.5	10072216	33	1
SA5112007	0.5	5.7	272	1.4	0.6	5.5	9058	1.0	49	0.5	16	1.5	39	880	42	10072217	53	1
SA5112008	0.5	5.3	196	0.3	0.6	3.1	2156	0.6	46	0.5	19	1.9	45	50	21	10072218	138	1
SA5112009	0.5	0.3	21	0.1	0.25	0.2	73	0.05	0.5	0.5	0.5	0.25	5	50	1	10072219	19	1
SA5112010	0.5	0.7	26	0.1	0.25	0.4	89	0.05	2	0.5	3	0.25	9	50	1	10072221	28	1
SA5112011	0.5	1.0	30	0.1	0.25	0.8	173	0.05	10	0.5	4	0.25	14	50	4	10072222	33	1
SA5112012	0.5	0.7	27	0.1	0.25	0.3	45	0.1	1	0.5	3	0.25	6	50	0.5	10072223	37	1
SA5112013	0.5	0.2	32	0.1	0.25	0.2	41	0.05	0.5	0.5	0.5	0.25	12	50	0.5	10072224	25	1
SA5112014	0.5	18.1	505	1.5	2.0	5.2	6498	1.4	60	0.5	48	5.5	87	1100	53	10072225	208	1
SA5112015	0.5	0.3	33	0.1	0.25	0.3	163	0.05	0.5	0.5	1	0.25	11	50	1	10072226	24	1
SA5112016	0.5	0.3	39	0.1	0.25	0.05	38	0.05	0.5	0.5	2	0.25	6	50	0.5	10072227	30	1
SA5112017	0.5	0.3	32	0.1	0.25	0.3	110	0.1	1	0.5	1	0.25	7	50	2	10072228	23	1
SA5112018	0.5	16.5	524	2.0	1.8	4.9	8327	1.4	50	0.5	45	5.7	71	1500	68	10072229	204	1
SA5112019	0.5	1.3	19	0.1	0.25	0.6	112	0.05	6	0.5	4	0.25	6	50	2	10072231	17	1
SA5112020	0.5	0.1	22	0.1	0.25	0.05	62	0.05	0.5	0.5	0.5	0.25	6	50	1	10072232	13	1
SA5112021	0.5	10.4	549	2.2	1.2	6.5	12250	1.7	56	0.5	28	4.0	61	1800	88	10072233	268	1
SA5112022	0.5	0.6	36	0.1	0.25	0.4	183	0.1	5	0.5	2	0.25	11	50	4	10072234	17	1
SA5112023	0.5	0.05	29	0.1	0.25	0.05	46	0.2	0.5	0.5	0.5	0.25	5	50	0.5	10072235	19	1
SA5112024	0.5	0.8	32	0.1	0.25	0.3	81	0.1	1	0.5	3	0.25	10	50	1	10072236	28	1
SA5112025	0.5	1.2	37	0.1	0.25	0.3	79	0.05	2	0.5	4	0.25	8	50	1	10072237	64	1
SA5112026	0.5	1.5	35	0.1	0.25	0.5	178	0.2	3	0.5	6	0.25	7	50	3	10072238	45	1
SA5112027	0.5	0.2	32	0.1	0.25	0.2	44	0.05	0.5	0.5	0.5	0.25	7	50	0.5	10072239	29	1
SA5112028	0.5	0.1	16	0.1	0.25	0.1	40	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072241	19	1
SA5112029	0.5	0.3	32	0.1	0.25	0.4	123	0.05	1	0.5	0.5	0.25	11	50	2	10072242	53	1
SA5112030	0.5	0.2	25	0.1	0.25	0.2	59	0.05	0.5	0.5	0.5	0.25	6	50	2	10072243	32	1
SA5112031	0.5	0.2	23	0.1	0.25	0.1	82	0.05	0.5	0.5	0.5	0.25	9	50	1	10072244	17	1
SA5112032	0.5	12.1	72	0.1	1.0	0.4	367	0.4	8	0.5	35	1.4	67	50	3	10072245	113	1
SA5112033	0.5	9.0	311	0.7	1.2	4.6	4597	1.6	54	0.5	38	3.7	59	450	61	10072246	170	1
SA5112034	0.5	0.3	43	0.1	0.25	0.2	113	0.05	1	0.5	2	0.25	8	50	2	10072247	34	1
SA5112035	0.5	0.8	36	0.1	0.25	0.3	61	0.05	0.5	0.5	4	0.25	11	50	1	10072248	19	1
SA5112036	0.5	12.8	39	0.1	1.4	7.3	826	2.1	12	0.5	52	2.9	34	50	15	10072249	96	1
SA5112037	0.5	0.3	15	0.1	0.25	0.7	159	0.2	3	0.5	1	0.25	11	50	1	10072251	63	1
SA5112038	0.5	4.1	43	0.1	0.25	3.0	985	0.3	7	0.5	13	0.6	16	50	6	10072252	89	1
SA5112039	0.5	4.9	32	0.2	0.25	1.3	346	0.3	11	0.5	15	0.9	17	50	3	10072253	122	1
SA5112040	0.5	23.8	18	0.1	2.3	7.8	362	1.5	11	0.5	68	4.6	36	50	6	10072254	159	1
SA5112041	0.5	0.3	26	0.1	0.25	0.2	67	0.05	0.5	0.5	0.5	0.25	8	50	1	10072255	18	1
SA5112042	0.5	0.5	29	0.1	0.25	0.5	106	0.05	1	0.5	2	0.25	7	50	2	10072256	15	1
SA5112043	0.5	0.3	40	0.1	0.25	0.2	77	0.05	0.5	0.5	1	0.25	15	50	1	10072257	19	1
SA5112044	0.5	0.3	37	0.1	0.25	0.2	68	0.3	0.5	0.5	1	0.25	8	50	2	10072258	-9	1
SA5112045	0.5	0.4	42	0.1	0.25	0.4	89	0.2	1	0.5	2	0.25	10	50	1	10072259	63	1
SA5112046	0.5	0.2	29	0.1	0.25	0.1	53	0.05	0.5	0.5	0.5	0.25	10	50	0.5	10072261	36	1
SA5112047	0.5	0.05	34	0.1	0.25	0.2	41	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072262	25	1
SA5112048	0.5	1.0	22	0.1	0.25	0.4	71	0.2	2	0.5	4	0.25	9	50	2	10072263	53	1
SA5112049	0.5	0.3	21	0.1	0.25	0.2	62	0.05	0.5	0.5	1	0.25	10	50	0.5	10072264	46	1
SA5112050	0.5	0.2	27	0.1	0.25	0.3	69	0.05	0.5	0.5	0.5	0.25	11	50	1	10072265	18	1
SA5112051	0.5	0.2	38	0.1	0.25	0.2	50	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072266	17	1
SA5112052	0.5	11.1	424	0.9	1.4	4.6	4900	1.2	66	0.5	39	4.0	86	390	48	10072267	176	1
SA5112053	0.5	1.0	29	0.1	0.25	0.6	120	0.2	4	0.5	4	0.25	9	50	2	10072268	13	1
SA5112054	0.5	1.1	20	0.1	0.25	0.6	110	0.3	4	0.5	6	0.25	13	50	2	10072269	54	1
SA5112055	-9	-9	37	-9	-9	-9	121	-9	2	-9	2	-9	14	-9	2	10072271	11	1
SA5112056	0.5	0.3	26	0.1	0.25	0.3	111	0.2	2	0.5	1	0.25	9	50	1	10072272	6	1
SA5112057	0.5	1.5	48	0.1	0.25	0.5	79	0.1	1	0.5	6	0.7	12	50	1	10072273	26	1
SA5112058	0.5	2.0	32	0.1	0.25	0.7	117	0.2	5	0.5	11	0.9	8	50	1	10072274	58	1
SA5112059	0.5	6.2	248	0.3	0.6	2.6	1644	0.6	33	0.5	24	1.9	41	50	15	10072275	166	1
SA5112060	0.5	2.2	90	0.1	0.25	1.0	431	0.2	11	0.5	9	1.1	16	50	4	10072276	11	1
SA5112061	0.5	0.1	55	0.1	0.25	0.2	85	0.05	0.5	0.5	0.5	0.25	14	50	1	10072277	42	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112062	0.5	9.4	288	0.6	1.1	3.7	3796	0.8	48	0.5	35	3.3	92	400	34	10072278	109	1
SA5112063	0.5	0.05	27	0.1	0.25	0.05	48	0.05	0.5	0.5	0.5	0.25	15	50	0.5	10072279	13	1
SA5112064	0.5	11.6	320	0.7	1.2	3.7	4425	0.8	54	0.5	42	3.8	92	660	43	10072281	111	1
SA5112065	0.5	0.3	35	0.1	0.25	0.2	201	0.2	3	0.5	1	0.25	15	50	2	10072282	44	1
SA5112066	-9	-9	31	-9	-9	-9	86	-9	1	-9	0.5	-9	13	-9	3	10072283	13	1
SA5112067	0.5	6.6	30	0.1	0.8	3.1	376	0.3	12	0.5	28	1.8	22	50	8	10072284	212	1
SA5112068	-9	-9	27	-9	-9	-9	92	-9	3	-9	2	-9	11	-9	1	10072285	85	1
SA5112069	0.5	0.5	30	0.1	0.25	0.4	50	0.05	1	0.5	2	0.25	9	50	0.5	10072286	20	1
SA5112070	0.5	7.8	90	0.1	0.8	3.6	1269	0.6	52	0.5	30	2.0	40	50	14	10072287	75	1
SA5112071	0.5	0.2	28	0.1	0.25	0.2	54	0.1	0.5	0.5	0.5	0.25	8	50	0.5	10072288	14	1
SA5112072	-9	-9	36	-9	-9	-9	269	-9	4	-9	2	-9	16	-9	3	10072289	39	1
SA5112073	0.5	13.0	393	0.7	1.6	6.5	4663	1.1	66	0.5	52	5.1	87	570	64	10072291	87	1
SA5112074	0.5	2.0	48	0.1	0.25	1.2	393	0.05	6	0.5	7	0.25	16	50	5	10072292	95	1
SA5112075	0.5	1.0	20	0.1	0.25	0.3	70	0.05	3	0.5	4	0.25	12	50	1	10072293	43	1
SA5112076	0.5	0.05	17	0.1	0.25	0.05	45	0.2	0.5	0.5	0.5	0.25	6	50	3	10072294	41	1
SA5112077	0.5	3.7	48	0.1	0.25	1.9	595	0.3	18	0.5	13	0.9	22	50	5	10072295	131	1
SA5112078	0.5	10.0	136	0.1	1.0	2.6	1654	0.3	22	0.5	32	2.1	86	50	11	10072296	80	1
SA5112079	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072297	58	1
SA5112080	0.5	0.4	25	0.1	0.25	0.2	64	0.05	0.5	0.5	2	0.25	11	50	1	10072298	17	1
SA5112081	0.5	0.6	26	0.1	0.25	0.3	78	0.05	1	0.5	2	0.25	10	50	1	10072299	21	1
SA5112082	-9	-9	35	-9	-9	-9	103	-9	0.5	-9	0.5	-9	16	-9	1	10072301	15	1
SA5112083	0.5	0.8	33	0.1	0.25	0.3	96	0.05	1	0.5	3	0.25	11	50	1	10072302	7	1
SA5112084	0.5	0.5	29	0.1	0.25	0.3	89	0.05	1	0.5	2	0.25	14	50	1	10072303	16	1
SA5112085	0.5	0.2	36	0.1	0.25	0.3	85	0.05	0.5	0.5	0.5	0.25	10	50	2	10072304	15	1
SA5112086	0.5	0.1	26	0.1	0.25	0.1	53	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072305	17	1
SA5112087	0.5	0.2	19	0.1	0.25	0.3	90	0.05	0.5	0.5	0.5	0.25	7	50	1	10072306	15	1
SA5112088	0.5	0.1	24	0.1	0.25	0.2	49	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072307	14	1
SA5112089	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072308	44	1
SA5112090	0.5	1.1	18	0.1	0.25	0.3	67	0.2	0.5	0.5	4	0.25	7	50	1	10072309	13	1
SA5112091	0.5	0.8	26	0.1	0.25	0.3	114	0.05	3	0.5	3	0.25	12	50	2	10072311	25	1
SA5112092	0.5	0.6	32	0.1	0.25	0.3	84	0.05	3	0.5	3	0.25	20	50	1	10072312	24	1
SA5112093	0.5	8.0	39	0.1	0.6	0.9	470	0.2	11	0.5	23	1.7	45	50	5	10072313	85	1
SA5112094	0.5	0.1	16	0.1	0.25	0.1	38	0.05	1	0.5	0.5	0.25	8	50	0.5	10072314	16	1
SA5112095	0.5	1.5	25	0.1	0.25	2.4	547	1.7	8	0.5	6	0.25	7	50	3	10072315	557	1
SA5112096	0.5	3.8	32	0.3	0.25	3.9	672	1.7	16	0.5	17	1.2	12	50	4	10072316	265	1
SA5112097	0.5	4.5	100	0.4	0.7	3.5	1321	2.1	17	0.5	24	2.4	23	50	14	10072317	581	1
SA5112098	0.5	10.4	324	1.4	1.2	6.5	5694	2.7	62	0.5	44	3.5	70	590	51	10072318	509	1
SA5112099	0.5	8.0	25	0.3	0.9	7.1	1034	2.4	48	0.5	34	1.9	20	50	4	10072319	287	1
SA5112100	0.5	0.8	39	0.1	0.25	0.3	119	0.05	2	0.5	2	0.25	12	50	1	10072321	14	1
SA5112101	0.5	0.2	63	0.1	0.25	0.3	123	0.05	3	0.5	0.5	0.25	15	50	2	10072322	23	1
SA5112102	0.5	2.2	37	0.1	0.25	2.4	629	1.2	9	0.5	8	0.6	12	50	4	10072323	439	1
SA5112103	0.5	0.2	43	0.1	0.25	0.2	63	0.05	1	0.5	0.5	0.25	18	50	0.5	10072324	14	1
SA5112104	0.5	8.1	302	1.4	1.0	6.8	7797	3.3	103	0.5	34	3.0	61	550	48	10072325	461	1
SA5112105	0.5	1.9	34	0.2	0.25	3.6	983	1.1	14	0.5	9	0.25	10	50	3	10072326	429	1
SA5112106	0.5	9.5	60	0.4	1.2	7.7	1964	3.7	80	0.5	36	2.9	40	50	6	10072327	328	1
SA5112107	0.5	10.0	44	0.4	1.2	8.5	1548	3.7	53	0.5	40	2.9	72	50	7	10072328	227	1
SA5112108	0.5	1.7	16	0.1	0.25	2.3	386	0.8	6	0.5	8	0.25	6	50	2	10072329	348	1
SA5112109	0.5	2.6	29	0.3	0.25	3.4	668	1.5	10	0.5	11	0.25	18	50	3	10072331	451	1
SA5112110	0.5	3.7	176	0.4	0.25	4.9	2944	2.4	29	0.5	15	1.1	21	290	30	10072332	432	1
SA5112111	0.5	0.05	34	0.1	0.25	0.1	50	0.05	0.5	0.5	0.5	0.25	11	50	0.5	10072333	22	1
SA5112112	0.5	9.4	76	0.1	1.1	8.1	992	4.9	56	0.5	38	2.3	29	50	3	10072334	378	1
SA5112113	0.5	5.5	117	0.5	0.6	7.1	2406	3.3	31	0.5	19	1.4	32	50	13	10072335	437	1
SA5112114	0.5	10.6	46	0.1	1.0	10.0	1404	9.0	51	0.5	32	1.8	24	50	4	10072336	260	1
SA5112115	0.5	8.0	32	0.1	0.7	4.5	775	1.6	29	0.5	19	0.25	24	50	3	10072337	191	1
SA5112116	0.5	3.9	72	0.1	0.25	3.3	1544	1.0	27	0.5	11	1.0	17	50	9	10072338	427	1
SA5112117	0.5	0.2	26	0.1	0.25	0.4	91	0.2	2	0.5	0.5	0.25	6	50	0.5	10072339	16	1
SA5112118	0.5	3.7	91	0.3	0.25	4.3	1886	1.0	34	0.5	13	1.2	23	50	13	10072341	275	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112119	0.5	0.2	28	0.1	0.25	0.3	100	0.05	2	0.5	0.5	0.25	8	50	0.5	10072342	23	1
SA5112120	0.5	3.4	42	0.2	0.25	4.4	1094	0.9	20	0.5	11	0.25	12	50	5	10072343	292	1
SA5112121	0.5	2.0	41	0.1	0.25	3.3	596	0.8	15	0.5	7	0.25	11	50	4	10072344	367	1
SA5112122	0.5	3.1	55	0.1	0.25	3.4	977	1.7	28	0.5	9	1.0	21	50	5	10072345	226	1
SA5112123	0.5	2.6	37	0.1	0.25	3.8	595	2.2	8	0.5	9	0.25	7	50	4	10072346	216	1
SA5112124	0.5	4.1	34	0.3	0.25	3.5	1395	1.2	21	0.5	19	1.2	20	50	5	10072347	386	1
SA5112125	0.5	8.5	49	0.1	1.0	5.6	1592	2.3	92	0.5	34	2.4	61	50	6	10072348	275	1
SA5112126	0.5	3.8	28	0.1	0.25	2.9	1463	1.1	27	0.5	17	1.2	17	50	5	10072349	294	1
SA5112127	0.5	16.9	35	0.1	2.2	6.4	407	2.5	11	0.5	63	2.7	29	50	3	10072351	134	1
SA5112128	-9	-9	61	-9	-9	-9	2601	-9	46	-9	68	-9	75	-9	11	10072352	229	1
SA5112129	0.5	5.0	50	0.4	0.6	4.4	1814	1.8	20	0.5	20	1.3	24	50	7	10072353	284	1
SA5112130	0.5	4.7	32	0.1	0.6	3.3	627	1.3	7	0.5	21	1.0	15	50	3	10072354	578	1
SA5112131	0.5	0.2	34	0.1	0.25	0.2	85	0.05	0.5	0.5	0.5	0.25	14	50	1	10072355	18	1
SA5112132	0.5	55.9	66	0.3	5.7	25.0	1440	27.2	78	1	189	15.0	202	50	18	10072356	225	1
SA5112133	0.5	0.8	35	0.1	0.25	0.5	134	0.3	2	0.5	3	0.25	10	50	1	10072357	46	1
SA5112134	-9	-9	37	-9	-9	-9	67	-9	0.5	-9	0.5	-9	14	-9	0.5	10072358	14	1
SA5112135	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072359	210	1
SA5112136	0.5	0.05	31	0.1	0.25	0.05	38	0.1	0.5	0.5	0.5	0.25	15	50	0.5	10072361	5	1
SA5112137	-9	-9	13	-9	-9	-9	57	-9	0.5	-9	0.5	-9	9	-9	1	10072362	35	1
SA5112138	0.5	2.0	23	0.1	0.25	1.9	907	0.9	11	0.5	8	0.25	16	50	3	10072363	406	1
SA5112139	0.5	7.2	59	0.2	0.9	3.8	1668	1.1	34	0.5	34	1.2	50	50	7	10072364	325	1
SA5112140	0.5	0.1	33	0.1	0.25	0.1	49	0.05	0.5	0.5	0.5	0.25	10	50	0.5	10072365	7	1
SA5112141	0.5	11.8	27	0.1	1.5	4.6	386	1.4	5	0.5	62	3.9	14	50	2	10072366	130	1
SA5112142	0.5	9.3	42	0.3	1.1	6.1	1066	1.8	32	0.5	38	2.5	31	50	6	10072367	230	1
SA5112143	0.5	28.7	239	0.9	2.9	26.0	4933	18.2	84	0.5	90	6.9	153	50	45	10072368	165	1
SA5112144	0.5	4.5	16	0.3	0.5	3.6	781	1.0	11	0.5	15	1.0	10	50	3	10072369	205	1
SA5112145	0.5	4.9	18	0.2	0.6	5.9	650	2.6	11	0.5	23	1.4	8	50	4	10072371	453	1
SA5112146	0.5	7.4	49	0.4	0.8	6.6	1093	1.7	20	0.5	31	2.4	18	50	5	10072372	136	1
SA5112147	0.5	7.5	69	0.6	0.9	6.4	1621	7.9	22	0.5	32	1.8	26	50	13	10072373	480	1
SA5112148	0.5	3.3	34	0.1	0.25	1.0	495	0.7	9	0.5	11	0.25	19	50	4	10072374	115	1
SA5112149	0.5	6.8	222	0.5	0.6	2.4	2134	0.5	39	0.5	21	1.5	46	220	23	10072375	1	1
SA5112150	0.5	0.5	25	0.1	0.25	0.2	98	0.05	1	0.5	2	0.25	8	50	1	10072376	27	1
SA5112151	0.5	2.7	27	0.1	0.25	1.0	71	0.2	4	0.5	12	1.2	7	50	1	10072377	72	1
SA5112152	0.5	0.4	29	0.1	0.25	0.4	104	0.1	1	0.5	2	0.25	11	50	1	10072378	31	1
SA5112153	0.5	0.9	37	0.1	0.25	0.4	85	0.1	6	0.5	4	0.25	8	50	1	10072379	22	1
SA5112154	0.5	0.2	33	0.1	0.25	0.05	57	0.05	2	0.5	0.5	0.25	10	50	0.5	10072381	1	1
SA5112155	0.5	1.3	53	0.1	0.25	0.4	138	0.05	1	0.5	6	0.25	16	50	1	10072382	42	1
SA5112156	0.5	13.4	521	1.1	1.6	3.3	5957	0.8	49	0.5	43	5.3	72	860	43	10072383	133	1
SA5112157	0.5	0.6	31	0.1	0.25	0.6	246	0.05	3	0.5	2	0.25	10	50	3	10072384	32	1
SA5112158	0.5	0.3	48	0.1	0.25	0.05	90	0.2	3	0.5	1	0.25	13	50	1	10072385	23	1
SA5112159	0.5	1.1	27	0.1	0.25	0.3	96	0.05	2	0.5	4	0.5	10	50	1	10072386	52	1
SA5112160	0.5	0.3	24	0.1	0.25	0.2	68	0.05	1	0.5	1	0.25	8	50	1	10072387	17	1
SA5112161	0.5	11.4	445	0.9	1.3	4.8	4342	1.0	60	0.5	35	3.7	74	470	41	10072388	91	1
SA5112162	0.5	0.6	29	0.1	0.25	0.4	234	0.1	5	0.5	3	0.25	10	50	2	10072389	35	1
SA5112163	0.5	0.9	26	0.1	0.25	0.3	57	0.05	2	0.5	3	0.25	9	50	0.5	10072391	27	1
SA5112164	0.5	1.2	24	0.1	0.25	0.6	132	0.2	6	0.5	6	0.25	10	50	2	10072392	41	1
SA5112165	0.5	11.4	498	1.0	1.3	4.6	4945	1.2	49	0.5	35	4.2	72	560	50	10072393	74	1
SA5112166	0.5	7.6	261	0.6	0.9	3.8	2513	0.6	38	0.5	28	2.6	87	50	27	10072394	111	1
SA5112167	0.5	1.1	36	0.1	0.25	0.5	77	0.05	3	0.5	6	0.25	13	50	0.5	10072395	103	1
SA5112168	0.5	1.0	18	0.1	0.25	0.3	214	0.05	7	0.5	4	0.6	14	50	2	10072396	60	1
SA5112169	0.5	10.9	438	0.9	1.3	3.7	4830	0.9	48	0.5	36	4.4	69	620	43	10072397	59	1
SA5112170	0.5	8.1	379	0.8	0.9	3.5	4073	0.8	50	0.5	28	2.7	63	410	36	10072398	115	1
SA5112171	0.5	0.2	34	0.1	0.25	0.3	66	0.05	2	0.5	1	0.25	7	50	0.5	10072399	15	1
SA5112172	0.5	10.8	461	1.0	1.2	3.9	5998	0.9	53	0.5	40	3.9	72	640	48	10072401	42	1
SA5112173	0.5	0.2	35	0.1	0.25	0.2	62	0.05	0.5	0.5	0.5	0.25	7	50	1	10072402	14	1
SA5112174	0.5	10.0	57	0.1	0.9	0.9	162	0.3	15	0.5	39	2.8	75	50	2	10072403	51	1
SA5112175	0.5	12.2	446	1.4	1.3	5.0	8739	1.2	58	0.5	40	4.3	55	820	51	10072404	317	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112176	0.5	5.2	303	0.7	0.25	2.8	3694	0.7	33	0.5	19	2.1	31	50	33	10072405	43	1
SA5112177	0.5	4.3	176	0.4	0.25	2.5	2232	0.4	23	0.5	19	1.5	43	50	19	10072406	43	1
SA5112178	0.5	1.2	29	0.1	0.25	0.7	262	0.05	5	0.5	5	0.25	10	50	3	10072407	36	1
SA5112179	0.5	9.1	460	0.7	1.1	4.7	4402	0.9	60	0.5	32	3.0	89	360	37	10072408	47	1
SA5112180	0.5	0.6	34	0.1	0.25	0.5	206	0.05	3	0.5	3	0.25	13	50	3	10072409	16	1
SA5112181	0.5	1.0	16	0.1	0.25	1.8	347	0.05	6	0.5	4	0.8	10	50	3	10072411	99	1
SA5112182	0.5	1.0	29	0.1	0.25	0.3	75	0.1	0.5	0.5	3	0.25	10	50	0.5	10072412	18	1
SA5112183	0.5	7.0	408	0.8	0.8	4.0	4156	0.7	55	0.5	26	2.5	72	320	36	10072413	66	1
SA5112184	0.5	6.0	272	0.5	0.7	4.1	3367	0.8	75	0.5	25	2.5	99	260	36	10072414	26	1
SA5112185	0.5	0.3	42	0.1	0.25	0.5	170	0.05	2	0.5	2	0.25	10	50	2	10072415	22	1
SA5112186	0.5	2.1	39	0.1	0.25	1.7	366	0.05	6	0.5	9	0.25	16	50	5	10072416	34	1
SA5112187	0.5	1.3	22	0.1	0.25	1.1	120	0.2	7	0.5	5	0.25	8	50	2	10072417	37	1
SA5112188	0.5	0.7	30	0.1	0.25	0.3	65	0.05	1	0.5	2	0.25	11	50	2	10072418	36	1
SA5112189	0.5	0.3	27	0.1	0.25	0.2	47	0.05	0.5	0.5	1	0.25	7	50	0.5	10072419	24	1
SA5112190	0.5	3.6	54	0.2	0.25	1.8	918	0.3	15	0.5	15	1.2	14	50	9	10072421	84	1
SA5112191	0.5	0.2	38	0.1	0.25	0.05	47	0.05	0.5	0.5	0.5	0.25	7	50	0.5	10072422	14	1
SA5112192	0.5	10.0	54	0.1	0.9	3.5	936	1.2	20	0.5	29	1.9	57	50	7	10072423	54	1
SA5112193	0.5	4.4	67	0.5	0.25	5.3	1304	0.3	26	0.5	18	1.4	31	50	14	10072424	72	1
SA5112194	0.5	7.7	28	0.1	0.7	4.0	455	1.5	23	0.5	28	1.9	20	50	4	10072425	237	1
SA5112195	0.5	7.4	273	0.9	0.9	3.7	4083	1.2	52	0.5	32	3.3	56	470	54	10072426	154	1
SA5112196	0.5	10.1	28	0.1	1.0	4.0	654	1.3	28	0.5	40	2.3	53	50	5	10072427	80	1
SA5112197	0.5	11.4	45	0.1	1.0	2.9	507	0.6	23	0.5	26	1.4	56	50	3	10072428	77	1
SA5112198	0.5	16.4	49	0.1	1.8	6.9	728	4.3	21	0.5	67	4.7	48	50	9	10072429	121	1
SA5112199	0.5	16.0	51	0.3	1.7	6.9	1015	1.2	74	0.5	53	3.9	122	50	8	10072431	139	1
SA5112200	0.5	6.7	440	0.6	0.8	4.3	3556	0.9	63	0.5	24	2.8	80	220	37	10072432	47	1
SA5112201	0.5	6.7	66	0.1	0.6	2.8	880	0.6	35	0.5	21	1.7	46	50	8	10072433	117	1
SA5112202	-9	-9	48	-9	-9	-9	864	-9	23	-9	17	-9	35	-9	7	10072434	62	1
SA5112203	0.5	10.0	56	0.1	1.0	5.2	1091	1.9	49	0.5	33	1.9	56	50	7	10072435	152	1
SA5112204	0.5	0.3	56	0.1	0.25	0.2	99	0.05	2	0.5	0.5	0.25	12	50	1	10072436	27	1
SA5112205	0.5	12.4	50	0.4	1.2	5.9	1004	0.7	57	0.5	38	2.4	57	50	6	10072437	174	1
SA5112206	-9	-9	64	-9	-9	-9	1186	-9	36	-9	25	-9	35	-9	7	10072438	356	1
SA5112207	0.5	2.0	14	0.1	0.25	3.3	507	0.7	6	0.5	7	0.25	6	50	2	10072439	381	1
SA5112208	0.5	10.4	24	0.2	1.3	8.1	525	2.0	20	0.5	39	1.8	17	50	3	10072441	252	1
SA5112209	0.5	2.4	17	0.2	0.25	7.5	731	1.1	10	0.5	8	0.25	5	50	4	10072442	465	1
SA5112210	0.5	1.0	30	0.1	0.25	0.8	77	0.05	2	0.5	5	0.25	9	50	0.5	10072443	33	1
SA5112211	0.5	4.3	25	0.2	0.25	3.3	611	0.2	22	0.5	16	1.1	35	50	4	10072444	120	1
SA5112212	0.5	0.7	30	0.1	0.25	0.6	98	0.05	3	0.5	3	0.25	9	50	1	10072445	56	1
SA5112213	0.5	0.6	28	0.1	0.25	0.8	181	0.05	4	0.5	3	0.25	9	50	2	10072446	50	1
SA5112214	0.5	0.6	25	0.1	0.25	0.7	171	0.05	4	0.5	2	0.25	8	50	2	10072447	50	1
SA5112215	0.5	0.3	31	0.1	0.25	0.3	48	0.05	0.5	0.5	1	0.25	7	50	0.5	10072448	8	1
SA5112216	-9	-9	32	-9	-9	-9	69	-9	2	-9	0.5	-9	7	-9	1	10072449	17	1
SA5112217	0.5	0.2	31	0.1	0.25	0.2	52	0.05	0.5	0.5	0.5	0.25	7	50	0.5	10072451	38	1
SA5112218	0.5	0.6	47	0.1	0.25	0.3	78	0.05	2	0.5	2	0.25	9	50	1	10072452	39	1
SA5112219	0.5	1.9	38	0.1	0.25	0.8	201	0.3	32	0.5	6	0.25	7	50	3	10072453	25	1
SA5112220	0.5	10.8	451	1.0	1.4	8.4	6123	1.7	106	0.5	46	5.0	96	420	57	10072454	64	1
SA5112221	0.5	5.0	88	0.1	0.5	3.5	1236	0.5	42	0.5	23	1.5	43	50	12	10072455	91	1
SA5112222	0.5	0.4	30	0.1	0.25	0.2	69	0.1	1	0.5	2	0.25	9	50	1	10072456	35	1
SA5112223	0.5	0.8	25	0.1	0.25	0.8	97	0.05	6	0.5	4	0.25	7	50	1	10072457	87	1
SA5112224	0.5	1.6	24	0.1	0.25	0.3	154	0.05	4	0.5	6	0.25	14	50	2	10072458	27	1
SA5112225	0.5	4.6	60	0.1	0.25	3.6	773	0.7	24	0.5	22	1.9	32	50	6	10072459	98	1
SA5112226	0.5	3.6	54	0.1	0.25	2.4	353	0.3	13	0.5	16	1.1	16	50	6	10072461	63	1
SA5112227	0.5	1.0	25	0.1	0.25	0.4	117	0.1	8	0.5	4	0.9	7	50	1	10072462	24	1
SA5112228	0.5	6.4	32	0.1	0.7	3.4	824	0.5	18	0.5	21	1.7	28	50	5	10072463	96	1
SA5112229	0.5	0.05	26	0.1	0.25	0.05	41	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072464	31	1
SA5112230	0.5	5.9	21	0.1	0.5	2.0	182	0.3	7	0.5	18	0.8	15	50	1	10072465	151	1
SA5112231	0.5	10.0	25	0.1	1.0	2.7	791	0.4	30	0.5	35	2.4	33	50	4	10072466	99	1
SA5112232	0.5	4.2	27	0.1	0.25	1.5	689	0.3	25	0.5	15	0.9	24	50	4	10072467	87	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112233	0.5	0.2	32	0.1	0.25	0.2	75	0.05	1	0.5	0.5	0.25	8	50	1	10072468	38	1
SA5112234	-9	-9	33	-9	-9	-9	308	-9	16	-9	5	-9	24	-9	4	10072469	24	1
SA5112235	0.5	0.2	32	0.1	0.25	0.2	56	0.1	1	0.5	0.5	0.25	6	50	0.5	10072471	27	1
SA5112236	-9	-9	163	-9	-9	-9	4634	-9	31	-9	35	-9	31	-9	18	10072472	192	1
SA5112237	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072473	146	1
SA5112238	0.5	12.6	30	0.1	1.4	3.8	227	1.3	5	0.5	48	3.1	8	50	2	10072474	337	1
SA5112239	0.5	0.2	21	0.1	0.25	0.2	95	0.2	2	0.5	0.5	0.25	6	50	1	10072475	21	1
SA5112240	0.5	2.2	20	0.1	0.25	1.2	274	0.3	13	0.5	8	0.25	19	50	1	10072476	154	1
SA5112241	0.5	11.7	170	0.4	1.2	3.2	3003	1.7	35	0.5	47	3.4	55	50	18	10072477	281	1
SA5112242	0.5	4.5	14	0.2	0.25	2.9	305	0.5	11	0.5	13	0.6	12	50	2	10072478	215	1
SA5112243	0.5	3.4	53	0.1	0.25	1.4	719	0.3	14	0.5	11	0.25	46	50	3	10072479	245	1
SA5112244	0.5	2.8	41	0.1	0.25	1.6	875	0.6	16	0.5	10	0.25	11	50	4	10072481	277	1
SA5112245	0.5	14.2	144	0.4	1.6	3.7	2371	1.9	56	0.5	75	5.5	57	50	21	10072482	274	1
SA5112246	0.5	0.6	21	0.1	0.25	0.05	63	0.05	3	0.5	3	0.25	8	50	0.5	10072483	28	1
SA5112247	0.5	6.3	19	0.1	0.6	1.3	230	0.05	8	0.5	20	1.9	13	50	2	10072484	96	1
SA5112248	0.5	0.05	25	0.1	0.25	0.05	51	0.05	0.5	0.5	0.5	0.25	7	50	0.5	10072485	7	1
SA5112249	-9	-9	68	-9	-9	-9	309	-9	13	-9	24	-9	66	-9	4	10072486	130	1
SA5112250	0.5	7.3	46	0.1	0.7	2.4	745	0.5	31	0.5	19	1.1	25	50	4	10072487	221	1
SA5112251	0.5	10.0	150	0.1	0.9	4.1	1043	0.9	59	0.5	28	1.8	43	50	7	10072488	234	1
SA5112252	0.5	5.8	226	0.3	0.6	3.4	2063	0.7	30	0.5	22	1.3	31	50	21	10072489	227	1
SA5112253	0.5	2.7	37	0.1	0.25	2.2	634	0.3	20	0.5	8	0.25	13	50	4	10072491	221	1
SA5112254	0.5	10.7	54	0.1	1.0	4.8	960	0.7	61	0.5	33	2.1	94	50	6	10072492	120	1
SA5112255	-9	-9	53	-9	-9	-9	794	-9	16	-9	10	-9	22	-9	5	10072493	338	1
SA5112256	0.5	5.8	67	0.3	0.5	2.6	710	0.4	23	0.5	23	1.7	30	50	4	10072494	199	1
SA5112257	0.5	9.2	37	0.1	0.8	3.2	674	0.8	34	0.5	33	1.9	54	50	5	10072495	162	1
SA5112258	0.5	0.6	18	0.1	0.25	0.2	108	0.05	3	0.5	3	0.25	8	50	1	10072496	55	1
SA5112259	0.5	8.7	214	0.9	1.1	5.2	4031	0.9	67	0.5	37	3.0	63	350	31	10072497	131	1
SA5112260	0.5	8.9	27	0.4	0.8	4.4	827	0.7	46	0.5	35	2.1	59	50	6	10072498	73	1
SA5112261	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072499	207	1
SA5112262	0.5	2.5	40	0.1	0.25	2.5	471	0.6	21	0.5	10	0.25	12	50	3	10072501	184	1
SA5112263	0.5	3.4	55	0.3	0.25	2.7	652	0.6	11	0.5	14	1.1	15	50	4	10072502	198	1
SA5112264	0.5	1.6	24	0.1	0.25	2.0	354	0.6	13	0.5	8	0.6	6	50	3	10072503	107	1
SA5112265	0.5	5.0	82	0.3	0.6	3.6	1548	0.6	32	0.5	21	1.5	51	50	12	10072504	114	1
SA5112266	0.5	4.4	55	0.2	0.25	4.1	961	0.8	23	0.5	18	1.3	11	50	10	10072505	66	1
SA5112267	0.5	0.1	34	0.1	0.25	0.2	61	0.05	0.5	0.5	0.5	0.25	12	50	2	10072506	15	1
SA5112268	0.5	8.7	40	0.1	0.9	4.6	702	0.7	28	0.5	30	1.9	27	50	4	10072507	217	1
SA5112269	0.5	4.7	80	0.1	0.5	2.9	717	0.4	19	0.5	37	2.2	20	50	10	10072508	315	1
SA5112270	0.5	10.4	35	0.1	1.0	6.4	1184	1.6	71	0.5	41	2.2	58	50	7	10072509	107	1
SA5112271	0.5	5.2	97	0.3	0.6	5.0	1891	1.2	34	0.5	21	1.1	39	50	16	10072511	132	1
SA5112272	0.5	1.0	19	0.1	0.25	0.6	109	0.05	5	0.5	4	0.25	8	50	2	10072512	54	1
SA5112273	0.5	3.0	77	0.1	0.25	3.3	849	0.9	14	0.5	13	0.25	7	50	6	10072513	281	1
SA5112274	-9	-9	19	-9	-9	-9	53	-9	0.5	-9	0.5	-9	10	-9	1	10072514	19	1
SA5112275	0.5	0.9	27	0.1	0.25	0.9	373	0.3	7	0.5	3	0.8	6	50	3	10072515	53	1
SA5112276	0.5	3.0	32	0.1	0.25	1.5	538	4.1	21	0.5	10	0.25	15	50	3	10072516	223	1
SA5112277	-9	-9	30	-9	-9	-9	139	-9	2	-9	1	-9	10	-9	2	10072517	28	1
SA5112278	0.5	4.1	41	0.3	0.25	2.7	945	0.7	22	0.5	16	0.9	27	50	5	10072518	143	1
SA5112279	0.5	3.3	83	0.2	0.25	3.1	970	0.6	12	0.5	12	1.0	15	50	8	10072519	189	1
SA5112280	0.5	0.7	26	0.1	0.25	0.5	325	0.5	13	0.5	3	0.25	11	50	3	10072521	143	1
SA5112281	0.5	0.05	25	0.1	0.25	0.2	39	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072522	59	1
SA5112282	0.5	5.7	47	0.1	0.25	2.7	752	1.3	40	0.5	16	0.25	14	50	6	10072523	162	1
SA5112283	0.5	7.2	23	0.1	0.8	1.3	352	3.1	18	0.5	29	1.1	42	50	2	10072524	117	1
SA5112284	0.5	5.9	442	0.8	0.8	5.0	6834	1.1	86	0.5	23	2.4	61	370	35	10072525	281	1
SA5112285	0.5	0.3	33	0.1	0.25	0.3	184	0.3	10	0.5	2	0.25	8	50	1	10072526	130	1
SA5112286	0.5	0.2	45	0.1	0.25	0.2	400	0.05	5	0.5	2	0.25	15	50	4	10072527	40	1
SA5112287	0.5	0.1	28	0.1	0.25	0.2	60	0.1	0.5	0.5	0.5	0.25	6	50	1	10072528	20	1
SA5112288	0.5	2.3	36	0.1	0.25	1.5	113	0.8	8	0.5	8	0.25	13	50	1	10072529	201	1
SA5112289	-9	-9	37	-9	-9	-9	65	-9	0.5	-9	0.5	-9	9	-9	1	10072531	10	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112290	0.5	2.7	53	0.1	0.25	1.4	795	0.4	21	0.5	8	0.25	20	50	5	10072532	179	1
SA5112291	0.5	10.5	65	0.2	0.9	2.9	1288	1.7	71	0.5	30	1.9	107	50	9	10072533	142	1
SA5112292	0.5	0.05	36	0.1	0.25	0.1	45	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072534	13	1
SA5112293	0.5	4.2	37	0.1	0.25	1.2	383	1.4	23	0.5	18	1.2	38	50	2	10072535	145	1
SA5112294	0.5	4.9	155	0.4	0.5	3.4	2757	2.4	48	0.5	17	1.4	35	230	19	10072536	342	1
SA5112295	0.5	5.4	47	0.1	0.25	2.9	1005	1.7	39	0.5	19	1.2	29	50	6	10072537	279	1
SA5112296	0.5	6.7	552	0.7	0.9	2.5	7544	0.9	104	0.5	42	3.6	103	270	46	10072538	209	1
SA5112297	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072539	162	1
SA5112298	0.5	0.1	30	0.1	0.25	0.05	88	0.05	0.5	0.5	0.5	0.25	14	50	1	10072541	6	1
SA5112299	0.5	3.5	90	0.3	0.25	2.7	914	1.9	30	0.5	12	0.25	25	50	5	10072542	217	1
SA5112300	-9	-9	49	-9	-9	-9	532	-9	44	-9	13	-9	90	-9	6	10072543	57	1
SA5112301	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072544	34	1
SA5112302	0.5	0.05	20	0.1	0.25	0.05	48	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072545	37	1
SA5112303	0.5	0.05	19	0.1	0.25	0.05	71	0.1	0.5	0.5	0.5	0.25	11	50	1	10072546	24	1
SA5112304	0.5	3.7	59	0.1	0.25	2.6	795	3.1	40	0.5	14	0.25	39	50	5	10072547	63	1
SA5112305	0.5	3.8	67	0.1	0.25	1.8	1066	1.3	71	0.5	12	0.25	46	50	6	10072548	234	1
SA5112306	0.5	8.5	47	0.1	0.8	2.8	648	2.4	57	0.5	25	1.4	106	50	6	10072549	152	1
SA5112307	0.5	0.05	45	0.1	0.25	0.1	37	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072551	12	1
SA5112308	0.5	3.3	37	0.1	0.25	1.5	256	6.3	15	0.5	9	0.7	15	50	2	10072552	195	1
SA5112309	0.5	0.05	31	0.1	0.25	0.1	50	0.05	0.5	0.5	0.5	0.25	8	50	1	10072553	26	1
SA5112310	0.5	3.9	37	0.1	0.25	3.7	645	1.2	19	0.5	12	0.25	10	50	4	10072554	226	1
SA5112311	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072555	8	1
SA5112312	-9	-9	34	-9	-9	-9	83	-9	0.5	-9	0.5	-9	12	-9	1	10072556	4	1
SA5112313	0.5	3.6	36	0.1	0.25	2.5	711	1.0	28	0.5	11	0.25	14	50	6	10072557	165	1
SA5112314	0.5	11.1	41	0.1	1.0	8.4	1365	3.1	137	0.5	33	2.7	60	50	7	10072558	176	1
SA5112315	0.5	13.8	292	0.6	1.3	10.6	4467	5.1	90	0.5	47	3.8	118	50	39	10072559	194	1
SA5112316	0.5	4.5	45	0.1	0.25	4.5	852	2.0	26	0.5	12	0.25	11	50	5	10072561	221	1
SA5112317	0.5	0.2	27	0.1	0.25	0.2	55	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072562	21	1
SA5112318	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072563	121	1
SA5112319	0.5	10.0	80	0.1	0.7	4.2	1121	1.3	40	0.5	18	1.2	26	50	5	10072564	157	1
SA5112320	-9	-9	45	-9	-9	-9	81	-9	0.5	-9	0.5	-9	7	-9	1	10072565	19	1
SA5112321	-9	-9	42	-9	-9	-9	128	-9	2	-9	1	-9	9	-9	1	10072566	7	1
SA5112322	-9	-9	27	-9	-9	-9	86	-9	3	-9	2	-9	7	-9	1	10072567	38	1
SA5112323	0.5	4.5	90	0.1	0.25	2.9	873	0.7	20	0.5	11	1.0	28	50	5	10072568	253	1
SA5112324	0.5	3.3	299	0.1	0.25	2.3	1685	1.6	21	0.5	9	0.6	25	50	11	10072569	387	1
SA5112325	0.5	0.2	46	0.1	0.25	0.3	91	0.2	1	0.5	0.5	0.25	10	50	1	10072571	8	1
SA5112326	-9	-9	29	-9	-9	-9	112	-9	2	-9	0.5	-9	7	-9	2	10072572	18	1
SA5112327	0.5	6.8	61	0.2	0.5	4.1	1153	1.9	43	0.5	19	1.3	41	50	7	10072573	209	1
SA5112328	0.5	8.9	49	0.1	0.8	5.5	1087	5.4	76	0.5	25	1.8	49	50	6	10072574	103	1
SA5112329	0.5	1.7	40	0.1	0.25	1.9	603	0.8	14	0.5	6	0.25	6	50	4	10072575	230	1
SA5112330	0.5	1.9	42	0.1	0.25	2.5	701	0.6	12	0.5	6	0.25	8	50	7	10072576	24	1
SA5112331	0.5	2.6	44	0.1	0.25	3.8	1038	1.8	17	0.5	8	0.6	7	50	6	10072577	240	1
SA5112332	0.5	3.5	26	0.1	0.25	3.9	871	1.7	20	0.5	9	0.25	13	50	4	10072578	203	1
SA5112333	0.5	2.9	54	0.1	0.25	3.0	1712	1.1	40	0.5	10	0.6	31	50	7	10072579	225	1
SA5112334	0.5	1.8	26	0.1	0.25	1.4	275	0.4	10	0.5	6	0.5	7	50	4	10072581	80	1
SA5112335	0.5	0.3	41	0.1	0.25	0.3	104	0.05	3	0.5	1	0.7	8	50	2	10072582	19	1
SA5112336	0.5	3.2	60	0.1	0.25	3.7	714	2.4	14	0.5	10	0.6	14	50	5	10072583	309	1
SA5112337	0.5	0.3	25	0.1	0.25	0.4	103	0.1	2	0.5	1	0.25	6	50	2	10072584	18	1
SA5112338	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072585	9	1
SA5112339	-9	-9	106	-9	-9	-9	753	-9	97	-9	38	-9	41	-9	5	10072586	175	1
SA5112340	0.5	4.0	36	0.1	0.25	1.7	560	1.9	17	0.5	12	0.25	15	50	5	10072587	119	1
SA5112341	-9	-9	27	-9	-9	-9	157	-9	3	-9	1	-9	12	-9	2	10072588	90	1
SA5112342	-9	-9	31	-9	-9	-9	466	-9	18	-9	9	-9	16	-9	3	10072589	307	1
SA5112343	0.5	8.0	53	0.1	0.8	4.3	1635	4.2	118	0.5	25	1.5	47	50	8	10072591	179	1
SA5112344	0.5	1.8	49	0.1	0.25	1.3	835	0.9	18	0.5	6	0.7	12	50	6	10072592	274	1
SA5112345	0.5	0.9	30	0.1	0.25	0.6	317	0.6	7	0.5	4	0.25	8	50	2	10072593	328	1
SA5112346	0.5	1.4	29	0.1	0.25	1.0	619	0.5	17	0.5	5	0.5	11	50	3	10072594	267	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112347	-9	-9	34	-9	-9	-9	471	-9	18	-9	10	-9	68	-9	3	10072595	35	1
SA5112348	0.5	11.2	48	0.1	1.3	5.3	870	8.4	52	0.5	45	3.0	102	50	14	10072596	123	1
SA5112349	0.5	3.6	159	0.3	0.25	2.4	1042	5.8	31	0.5	14	1.2	39	50	5	10072597	217	1
SA5112350	0.5	5.9	180	0.3	0.25	0.05	1097	335	25	2	11	0.25	37	50	9	10072598	372	1
SA5112351	0.5	2.2	67	0.1	0.25	1.2	644	8.3	34	0.5	9	0.25	21	50	3	10072599	297	1
SA5112352	0.5	0.6	45	0.1	0.25	0.6	253	2.4	7	0.5	3	0.25	6	50	2	10072601	140	1
SA5112353	0.5	1.4	77	0.3	0.25	2.0	1298	1.8	11	0.5	5	0.8	9	50	15	10072602	302	1
SA5112354	-9	-9	61	-9	-9	-9	776	-9	53	-9	23	-9	76	-9	6	10072603	163	1
SA5112355	0.5	6.0	157	0.5	0.7	4.0	2363	57.3	48	0.5	20	1.3	56	50	18	10072604	284	1
SA5112356	0.5	0.05	22	0.1	0.25	0.3	75	0.4	0.5	0.5	0.5	0.25	9	50	1	10072605	48	1
SA5112357	0.5	0.05	22	0.1	0.25	0.1	39	0.1	0.5	0.5	0.5	0.25	11	50	0.5	10072606	42	1
SA5112358	0.5	0.5	23	0.1	0.25	0.5	92	0.6	3	0.5	2	0.25	8	50	1	10072607	78	1
SA5112359	0.5	5.7	174	0.7	0.6	4.4	2743	49.5	45	0.5	19	1.5	38	50	22	10072608	277	1
SA5112360	0.5	4.9	59	0.3	0.6	2.5	1120	7.0	50	0.5	20	1.7	40	50	6	10072609	241	1
SA5112361	0.5	8.3	67	0.2	0.8	2.7	934	190	49	0.5	22	1.3	17	50	9	10072611	284	1
SA5112362	0.5	5.1	44	0.2	0.25	3.0	1206	2.1	26	0.5	15	0.9	25	50	7	10072612	292	1
SA5112363	0.5	5.1	51	0.1	0.25	2.6	614	3.2	25	0.5	18	0.9	27	50	4	10072613	283	1
SA5112364	0.5	11.9	58	0.1	1.1	7.6	1499	4.7	66	0.5	30	1.5	42	50	8	10072614	295	1
SA5112365	0.5	8.5	248	1.1	1.1	11.8	6708	4.7	59	0.5	29	2.9	40	540	89	10072615	326	1
SA5112366	0.5	3.2	55	0.1	0.25	2.5	1242	3.5	28	0.5	10	0.9	17	50	9	10072616	328	1
SA5112367	0.5	7.0	47	0.3	0.9	3.5	1580	7.3	67	0.5	24	2.1	32	50	6	10072617	205	1
SA5112368	0.5	4.7	65	0.4	0.5	4.1	2026	8.9	54	0.5	14	1.2	21	50	10	10072618	332	1
SA5112369	0.5	5.6	200	0.9	0.8	7.2	4292	3.8	47	0.5	18	1.8	41	50	35	10072619	361	1
SA5112370	0.5	17.1	123	0.6	1.7	10.0	2537	42.5	80	0.5	49	3.8	140	50	26	10072621	189	1
SA5112371	0.5	9.5	124	0.3	1.0	6.7	2330	12.9	98	0.5	31	2.5	66	50	20	10072622	289	1
SA5112372	-9	-9	26	-9	-9	-9	82	-9	1	-9	0.5	-9	13	-9	1	10072623	48	1
SA5112373	0.5	2.1	30	0.1	0.25	1.5	786	1.8	26	0.5	8	0.25	16	50	4	10072624	121	1
SA5112374	0.5	1.4	38	0.1	0.25	1.9	969	2.6	18	0.5	5	0.25	9	50	5	10072625	306	1
SA5112375	0.5	8.3	56	0.4	0.9	4.0	1047	12.3	57	0.5	25	2.2	34	50	10	10072626	189	1
SA5112376	0.5	1.2	52	0.1	0.25	1.4	791	1.3	12	0.5	4	0.25	10	50	6	10072627	92	1
SA5112377	0.5	3.0	84	0.3	0.25	2.7	1547	1.7	31	0.5	9	0.7	21	50	9	10072628	233	1
SA5112378	0.5	8.3	53	0.1	0.6	4.1	890	3.5	42	0.5	22	1.3	28	50	5	10072629	205	1
SA5112379	0.5	1.6	44	0.1	0.25	1.0	645	1.7	10	0.5	6	0.25	9	50	6	10072631	151	1
SA5112380	0.5	6.5	54	0.2	0.6	4.1	1250	2.3	77	0.5	19	1.4	36	50	8	10072632	201	1
SA5112381	0.5	0.1	29	0.1	0.25	0.2	51	0.05	1	0.5	0.5	0.25	16	50	0.5	10072633	9	1
SA5112382	0.5	13.5	124	0.3	1.2	7.8	1648	3.7	87	0.5	33	2.2	74	50	8	10072634	212	1
SA5112383	0.5	1.6	36	0.1	0.25	2.4	366	0.7	9	0.5	4	0.25	8	50	4	10072635	49	1
SA5112384	0.5	0.1	39	0.1	0.25	0.2	51	0.1	1	0.5	0.5	0.25	11	50	0.5	10072636	15	1
SA5112385	0.5	3.8	205	0.4	0.25	4.6	2941	1.7	31	0.5	13	1.3	26	270	35	10072637	242	1
SA5112386	0.5	6.1	47	0.1	0.6	3.2	846	5.8	33	0.5	15	0.25	23	50	4	10072638	387	1
SA5112387	0.5	8.7	90	0.4	0.7	5.5	1764	12.3	51	0.5	22	1.5	38	50	11	10072639	315	1
SA5112388	0.5	4.6	52	0.3	0.25	2.8	1167	3.2	32	0.5	10	0.25	31	50	5	10072641	340	1
SA5112389	0.5	0.05	41	0.1	0.25	0.1	55	0.05	1	0.5	0.5	0.25	12	50	0.5	10072642	13	1
SA5112390	0.5	2.4	45	0.1	0.25	1.2	459	1.4	12	0.5	6	0.25	16	50	2	10072643	393	1
SA5112391	0.5	19.7	170	0.5	1.8	10.3	2932	14.4	80	0.5	45	4.6	125	50	32	10072644	168	1
SA5112392	0.5	4.1	30	0.3	0.25	5.3	816	4.7	18	0.5	12	0.9	14	50	5	10072645	365	1
SA5112393	0.5	28.6	205	0.1	2.2	5.9	1498	590	86	0.5	61	2.7	159	50	13	10072646	170	1
SA5112394	0.5	4.0	98	0.4	0.25	4.7	1226	4.4	12	0.5	11	0.25	20	50	14	10072647	615	1
SA5112395	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072648	208	1
SA5112396	0.5	17.4	63	0.3	1.7	10.0	2482	4.7	86	0.5	53	3.8	115	50	14	10072649	197	1
SA5112397	0.5	3.0	38	0.1	0.25	2.5	701	1.1	25	0.5	28	1.6	25	50	9	10072651	14	1
SA5112398	0.5	7.2	29	0.1	0.8	2.7	654	1.5	20	0.5	20	1.0	24	50	3	10072652	297	1
SA5112399	0.5	6.4	28	0.2	0.6	2.7	754	1.2	18	0.5	19	1.5	28	50	4	10072653	325	1
SA5112400	0.5	16.2	145	0.3	1.7	7.8	2652	1.9	71	0.5	46	3.5	80	50	18	10072654	240	1
SA5112401	0.5	44.0	34	0.1	3.7	13.2	1231	4.1	85	0.5	96	6.1	176	50	9	10072655	283	1
SA5112402	0.5	0.1	52	0.1	0.25	0.1	86	0.2	1	0.5	0.5	0.25	16	50	1	10072656	6	1
SA5112403	0.5	10.7	208	1.9	1.4	7.1	10478	3.8	144	1	51	3.9	75	470	78	10072657	189	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112404	0.5	19.4	66	0.1	1.6	4.9	1271	1.6	33	0.5	43	2.5	45	50	8	10072658	402	1
SA5112405	0.5	8.6	217	0.7	0.9	6.0	5070	3.4	65	0.5	31	2.7	52	300	41	-9	-9	-9
SA5112406	0.5	18.7	115	0.3	1.8	5.8	2001	2.3	64	0.5	46	2.7	67	50	10	10072659	533	1
SA5112407	0.5	10.0	281	1.7	1.2	9.3	10522	3.0	118	0.5	36	3.5	75	490	72	10072661	207	1
SA5112408	0.5	6.6	145	0.2	0.8	3.6	2374	1.3	35	0.5	20	1.3	45	50	14	10072662	427	1
SA5112409	0.5	0.05	31	0.1	0.25	0.05	93	0.05	0.5	0.5	0.5	0.25	13	50	0.5	10072663	6	1
SA5112410	0.5	0.1	35	0.1	0.25	0.05	125	0.05	0.5	0.5	0.5	0.25	12	50	1	10072664	6	1
SA5112411	0.5	8.2	114	0.3	0.8	4.6	1404	1.7	55	0.5	20	1.5	52	50	7	10072665	118	1
SA5112412	-9	-9	181	-9	-9	-9	1665	-9	64	-9	25	-9	68	-9	12	10072666	146	1
SA5112413	0.5	10.3	137	0.4	0.9	6.2	2495	2.2	109	0.5	30	1.8	103	50	13	10072667	123	1
SA5112414	0.5	0.05	38	0.1	0.25	0.05	69	0.05	0.5	0.5	0.5	0.25	12	50	0.5	10072668	24	1
SA5112415	0.5	0.1	46	0.1	0.25	0.05	81	0.05	0.5	0.5	0.5	0.25	18	50	0.5	10072669	13	1
SA5112416	0.5	0.1	33	0.1	0.25	0.2	84	0.05	0.5	0.5	0.5	0.25	11	50	1	10072671	23	1
SA5112417	-9	-9	75	-9	-9	-9	115	-9	3	-9	1	-9	17	-9	1	10072672	6	1
SA5112418	0.5	4.7	26	0.1	0.5	2.8	877	1.0	52	0.5	15	0.9	36	50	9	10072673	116	1
SA5112419	0.5	2.3	80	0.1	0.25	1.9	655	0.6	15	0.5	7	0.25	13	50	5	10072674	287	1
SA5112420	0.5	3.8	94	0.1	0.25	2.7	1310	1.2	33	0.5	10	0.25	25	50	5	10072675	127	1
SA5112421	0.5	0.05	46	0.1	0.25	0.3	54	0.2	0.5	0.5	0.5	0.25	17	50	0.5	10072676	3	1
SA5112422	-9	-9	36	-9	-9	-9	61	-9	0.5	-9	0.5	-9	12	-9	0.5	10072677	12	1
SA5112423	-9	-9	36	-9	-9	-9	62	-9	1	-9	0.5	-9	12	-9	0.5	10072678	10	1
SA5112424	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072679	188	1
SA5112425	0.5	2.4	45	0.1	0.25	1.5	553	0.9	21	0.5	10	0.25	16	50	4	10072681	262	1
SA5112426	0.5	0.3	34	0.1	0.25	0.3	92	0.1	1	0.5	0.5	0.25	8	50	1	10072682	24	1
SA5112427	-9	-9	50	-9	-9	-9	71	-9	0.5	-9	0.5	-9	14	-9	0.5	10072683	10	1
SA5112428	0.5	0.05	31	0.1	0.25	0.2	42	0.1	0.5	0.5	0.5	0.25	5	50	0.5	10072684	13	1
SA5112429	0.5	0.1	46	0.1	0.25	0.2	47	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072685	9	1
SA5112430	-9	-9	36	-9	-9	-9	46	-9	0.5	-9	0.5	-9	10	-9	0.5	10072686	12	1
SA5112431	0.5	1.9	85	0.1	0.25	1.5	517	0.4	12	0.5	6	0.25	12	50	3	10072687	223	1
SA5112432	0.5	0.05	49	0.1	0.25	0.2	83	0.1	1	0.5	0.5	0.25	14	50	1	10072688	4	1
SA5112433	-9	-9	42	-9	-9	-9	66	-9	0.5	-9	0.5	-9	14	-9	0.5	10072689	7	1
SA5112434	0.5	1.7	75	0.1	0.25	1.3	419	0.3	11	0.5	5	0.25	15	50	2	10072691	224	1
SA5112435	0.5	0.2	43	0.1	0.25	0.2	119	0.05	0.5	0.5	0.5	0.25	13	50	1	10072692	9	1
SA5112436	0.5	4.2	69	0.1	0.25	2.2	944	42.8	17	0.5	16	1.1	19	50	7	10072693	165	1
SA5112437	0.5	5.8	31	0.1	0.25	2.9	416	24.0	17	0.5	15	1.3	23	50	3	10072694	104	1
SA5112438	0.5	8.1	83	0.3	0.8	3.7	1139	70.7	23	0.5	27	1.8	20	50	10	10072695	305	1
SA5112439	0.5	10.0	78	0.2	1.1	4.6	1740	11.0	31	0.5	30	1.9	30	50	10	10072696	269	1
SA5112440	0.5	8.3	38	0.1	0.8	4.5	847	11.0	38	0.5	26	1.7	28	50	4	10072697	287	1
SA5112441	0.5	15.7	56	0.1	1.7	8.3	1052	20.4	56	1	54	3.7	52	50	6	10072698	250	1
SA5112442	0.5	3.8	32	0.1	0.25	2.2	669	1.5	12	0.5	18	1.9	19	50	5	10072699	157	1
SA5112443	0.5	8.0	26	0.1	0.8	6.8	708	5.3	19	0.5	26	1.4	21	50	5	10072701	232	1
SA5112444	0.5	2.3	53	0.1	0.25	2.8	879	3.0	9	0.5	9	0.7	15	50	10	10072702	309	1
SA5112445	0.5	0.1	30	0.1	0.25	0.2	66	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072703	14	1
SA5112446	-9	-9	30	-9	-9	-9	36	-9	0.5	-9	0.5	-9	11	-9	0.5	10072704	6	1
SA5112447	0.5	0.1	50	0.1	0.25	0.2	88	0.1	0.5	0.5	0.5	0.25	19	50	2	10072705	7	1
SA5112448	0.5	0.1	24	0.1	0.25	0.2	58	0.05	1	0.5	0.5	0.25	13	50	0.5	10072706	10	1
SA5112449	-9	-9	55	-9	-9	-9	71	-9	2	-9	1	-9	12	-9	0.5	10072707	82	1
SA5112450	0.5	5.0	57	0.3	0.6	2.4	1474	0.8	74	0.5	18	0.8	74	50	7	10072708	104	1
SA5112451	0.5	0.1	46	0.1	0.25	0.1	89	0.05	0.5	0.5	0.5	0.25	14	50	1	10072709	9	1
SA5112452	-9	-9	71	-9	-9	-9	1479	-9	18	-9	7	-9	27	-9	12	10072711	128	1
SA5112453	0.5	9.2	72	0.1	1.0	2.8	853	3.4	66	0.5	36	2.3	57	50	7	10072712	194	1
SA5112454	0.5	6.8	61	0.2	0.7	2.0	749	1.7	54	0.5	26	1.7	45	50	5	10072713	208	1
SA5112455	0.5	0.1	29	0.1	0.25	0.05	255	0.05	4	0.5	1	0.25	18	50	3	10072714	18	1
SA5112456	-9	-9	33	-9	-9	-9	61	-9	0.5	-9	0.5	-9	8	-9	1	10072715	5	1
SA5112457	-9	-9	32	-9	-9	-9	126	-9	1	-9	0.5	-9	15	-9	2	10072716	3	1
SA5112458	0.5	0.05	18	0.1	0.25	0.05	39	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072717	1	1
SA5112459	0.5	0.05	28	0.1	0.25	0.05	77	0.05	0.5	0.5	0.5	0.25	16	50	1	10072718	6	1
SA5112460	0.5	3.1	35	0.1	0.25	1.8	624	0.6	20	0.5	12	0.25	20	50	4	10072719	7	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112461	0.5	0.3	30	0.1	0.25	0.05	88	0.3	1	0.5	1	0.25	11	50	1	10072721	229	1
SA5112462	0.5	0.05	23	0.1	0.25	0.05	48	0.05	0.5	0.5	0.5	0.25	12	50	0.5	10072722	6	1
SA5112463	0.5	4.1	51	0.2	0.5	2.3	986	1.3	54	0.5	14	0.25	29	50	7	10072723	243	1
SA5112464	0.5	3.3	53	0.1	0.25	2.2	1057	1.0	35	0.5	11	0.6	24	50	7	10072724	292	1
SA5112465	0.5	4.2	51	0.1	0.25	2.8	1200	1.2	57	0.5	13	0.9	28	50	7	10072725	270	1
SA5112466	0.5	3.6	41	0.1	0.25	2.6	915	1.2	27	0.5	11	0.9	25	50	19	10072726	237	1
SA5112467	0.5	8.8	382	0.1	0.7	4.6	909	1.5	58	1	22	1.0	60	50	7	10072727	221	1
SA5112468	0.5	2.0	60	0.1	0.25	1.7	791	0.6	14	0.5	6	0.7	9	50	4	10072728	202	1
SA5112469	0.5	2.1	75	0.1	0.25	1.5	743	2.1	17	0.5	6	0.25	19	50	4	10072729	526	1
SA5112470	0.5	5.2	346	0.7	0.6	3.8	4524	1.2	57	0.5	19	2.1	51	50	42	10072731	245	1
SA5112471	-9	-9	36	-9	-9	-9	122	-9	2	-9	0.5	-9	21	-9	1	10072732	3	1
SA5112472	0.5	3.7	65	0.1	0.25	2.0	451	2.4	18	0.5	9	0.25	18	50	2	10072733	282	1
SA5112473	0.5	0.05	33	0.1	0.25	0.2	55	0.05	0.5	0.5	0.5	0.25	11	50	0.5	10072734	3	1
SA5112474	0.5	0.1	41	0.1	0.25	0.05	76	0.05	0.5	0.5	0.5	0.25	12	50	1	10072735	8	1
SA5112475	0.5	0.05	26	0.1	0.25	0.05	51	0.05	0.5	0.5	0.5	0.25	13	50	0.5	10072736	32	1
SA5112476	-9	-9	27	-9	-9	-9	81	-9	1	-9	0.5	-9	12	-9	0.5	10072737	6	1
SA5112477	-9	-9	24	-9	-9	-9	35	-9	0.5	-9	0.5	-9	10	-9	0.5	10072738	6	1
SA5112478	0.5	3.6	42	0.2	0.25	2.2	846	1.0	50	0.5	12	0.9	23	50	16	10072739	242	1
SA5112479	-9	-9	25	-9	-9	-9	60	-9	0.5	-9	0.5	-9	9	-9	4	10072741	4	1
SA5112480	0.5	0.05	27	0.2	0.25	0.05	65	0.05	0.5	0.5	0.5	0.25	11	50	1	10072742	18	1
SA5112481	-9	-9	25	-9	-9	-9	69	-9	0.5	-9	0.5	-9	15	-9	0.5	10072743	2	1
SA5112482	0.5	2.8	36	0.1	0.25	1.8	567	1.6	15	0.5	10	1.0	16	50	4	10072744	239	1
SA5112483	-9	-9	29	-9	-9	-9	45	-9	0.5	-9	0.5	-9	8	-9	0.5	10072745	22	1
SA5112484	0.5	1.9	24	0.1	0.25	1.0	355	2.0	15	0.5	7	0.25	10	50	2	10072746	196	1
SA5112485	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072747	314	1
SA5112486	0.5	1.6	24	0.1	0.25	0.4	262	0.4	19	0.5	7	0.25	17	50	2	10072748	172	1
SA5112487	0.5	1.0	66	0.1	0.25	0.6	1214	0.3	40	0.5	6	0.25	15	50	7	10072749	71	1
SA5112488	-9	-9	175	-9	-9	-9	3816	-9	24	-9	6	-9	22	-9	31	10072751	12	1
SA5112489	-9	-9	25	-9	-9	-9	97	-9	1	-9	0.5	-9	11	-9	1	10072752	16	1
SA5112490	0.5	1.4	22	0.1	0.25	0.6	181	6.2	10	0.5	6	0.8	17	50	1	10072753	127	1
SA5112491	0.5	1.8	18	0.1	0.25	0.5	132	4.7	58	0.5	8	0.25	17	50	1	10072754	171	1
SA5112492	0.5	0.2	29	0.1	0.25	0.3	96	0.1	1	0.5	0.5	0.25	17	50	1	10072755	53	1
SA5112493	-9	-9	26	-9	-9	-9	73	-9	0.5	-9	0.5	-9	9	-9	0.5	10072756	61	1
SA5112494	0.5	0.1	30	0.1	0.25	0.05	82	0.05	1	0.5	0.5	0.25	12	50	1	10072757	19	1
SA5112495	0.5	0.05	26	0.1	0.25	0.3	54	0.05	1	0.5	0.5	0.25	14	50	0.5	10072758	3	1
SA5112496	0.5	1.7	10	0.1	0.25	0.5	139	0.05	5	0.5	4	0.25	7	50	0.5	10072759	338	1
SA5112497	0.5	0.1	34	0.1	0.25	0.1	56	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072761	19	1
SA5112498	0.5	0.1	37	0.1	0.25	0.2	79	0.05	1	0.5	0.5	0.25	11	50	1	10072762	19	1
SA5112499	-9	-9	62	-9	-9	-9	42	-9	1	-9	0.5	-9	12	-9	0.5	10072763	20	1
SA5112500	-9	-9	47	-9	-9	-9	126	-9	5	-9	1	-9	17	-9	1	10072764	59	1
SA5112501	0.5	0.05	23	0.1	0.25	0.05	51	0.2	0.5	0.5	0.5	0.25	9	50	0.5	10072765	9	1
SA5112502	0.5	0.2	25	0.1	0.25	0.3	66	0.05	1	0.5	0.5	0.25	11	50	0.5	10072766	19	1
SA5112503	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072767	99	1
SA5112504	0.5	4.6	206	0.4	0.5	3.6	3803	1.1	80	0.5	18	1.9	47	180	32	10072768	196	1
SA5112505	-9	-9	29	-9	-9	-9	85	-9	2	-9	0.5	-9	11	-9	1	10072769	11	1
SA5112506	0.5	1.0	17	0.1	0.25	0.7	108	0.05	12	0.5	4	0.25	9	50	1	10072771	140	1
SA5112507	0.5	0.1	28	0.1	0.25	0.2	52	0.1	1	0.5	0.5	0.25	12	50	0.5	10072772	21	1
SA5112508	0.5	0.05	30	0.1	0.25	0.2	40	0.05	0.5	0.5	0.5	0.25	11	50	0.5	10072773	59	1
SA5112509	0.5	0.2	45	0.1	0.25	0.2	45	0.4	1	0.5	1	0.25	10	50	0.5	10072774	18	1
SA5112510	0.5	0.05	26	0.1	0.25	0.05	49	0.1	0.5	0.5	0.5	0.25	7	50	0.5	10072775	23	1
SA5112511	0.5	2.3	48	0.2	0.25	3.6	825	1.9	11	0.5	9	0.6	10	50	8	10072776	206	1
SA5112512	0.5	0.1	32	0.1	0.25	0.05	45	0.05	2	0.5	0.5	0.25	6	50	0.5	10072777	9	1
SA5112513	0.5	0.05	32	0.1	0.25	0.05	35	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072778	22	1
SA5112514	0.5	0.05	36	0.1	0.25	0.1	40	0.05	0.5	0.5	0.5	0.25	6	50	0.5	10072779	23	1
SA5112515	0.5	0.05	21	0.1	0.25	0.2	49	0.05	1	0.5	0.5	0.25	6	50	0.5	10072781	13	1
SA5112516	0.5	3.5	112	0.3	0.25	4.4	2034	1.0	36	0.5	15	1.4	19	50	25	10072782	18	1
SA5112517	0.5	0.2	39	0.1	0.25	0.1	83	0.05	1	0.5	0.5	0.25	11	50	1	10072783	14	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112518	0.5	0.05	35	0.1	0.25	0.05	82	0.05	3	0.5	2	0.25	10	50	1	10072784	4	1
SA5112519	0.5	0.4	46	0.1	0.25	0.5	69	0.05	1	0.5	0.5	0.25	18	50	0.5	10072785	11	1
SA5112520	0.5	0.2	28	0.1	0.25	0.2	43	0.05	2	0.5	0.5	0.25	7	50	0.5	10072786	80	1
SA5112521	0.5	1.1	61	0.1	0.25	0.9	89	0.3	4	0.5	5	0.6	4	50	0.5	10072787	119	1
SA5112522	0.5	0.05	27	0.1	0.25	0.2	58	0.05	0.5	0.5	0.5	0.25	10	50	0.5	10072788	13	1
SA5112523	0.5	1.8	44	0.1	0.25	1.4	148	1.2	12	0.5	7	0.25	4	50	2	10072789	111	1
SA5112524	0.5	0.05	28	0.1	0.25	0.3	51	0.1	1	0.5	0.5	0.25	13	50	0.5	10072791	4	1
SA5112525	0.5	0.2	23	0.1	0.25	0.3	87	0.1	2	0.5	0.5	0.25	6	50	2	10072792	6	1
SA5112526	0.5	0.05	36	0.1	0.25	0.05	43	0.05	0.5	0.5	0.5	0.25	15	50	0.5	10072793	1	1
SA5112527	0.5	1.2	44	0.1	0.25	1.5	214	1.2	8	0.5	5	0.25	6	50	3	10072794	110	1
SA5112528	-9	-9	31	-9	-9	-9	95	-9	0.5	-9	0.5	-9	11	-9	1	10072795	22	1
SA5112529	-9	-9	42	-9	-9	-9	48	-9	0.5	-9	0.5	-9	12	-9	0.5	10072796	6	1
SA5112530	0.5	0.05	34	0.1	0.25	0.05	74	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072797	3	1
SA5112531	-9	-9	38	-9	-9	-9	88	-9	2	-9	0.5	-9	12	-9	1	10072798	4	1
SA5112532	-9	-9	36	-9	-9	-9	46	-9	0.5	-9	0.5	-9	9	-9	0.5	10072799	18	1
SA5112533	-9	-9	27	-9	-9	-9	47	-9	0.5	-9	0.5	-9	7	-9	0.5	10072801	5	1
SA5112534	-9	-9	34	-9	-9	-9	62	-9	2	-9	0.5	-9	12	-9	0.5	10072802	5	1
SA5112535	0.5	0.6	56	0.1	0.25	0.3	69	0.2	2	0.5	3	0.25	12	50	0.5	10072803	4	1
SA5112536	-9	-9	39	-9	-9	-9	86	-9	2	-9	0.5	-9	10	-9	1	10072804	1	1
SA5112537	0.5	2.1	65	0.1	0.25	1.8	1059	0.8	36	0.5	8	0.7	29	50	9	10072805	186	1
SA5112538	0.5	0.2	27	0.1	0.25	0.4	102	0.1	3	0.5	0.5	0.25	11	50	1	10072806	29	1
SA5112539	0.5	4.4	208	0.4	0.6	3.4	2234	1.9	54	0.5	17	1.3	47	50	29	10072807	181	1
SA5112540	0.5	4.6	281	0.6	0.6	3.6	3427	1.7	63	0.5	19	2.0	48	260	44	10072808	187	1
SA5112541	0.5	7.3	235	0.1	0.6	3.0	390	5.7	34	0.5	15	1.0	32	50	3	10072809	377	1
SA5112542	0.5	1.7	63	0.3	0.25	1.9	1238	0.8	13	0.5	6	0.25	9	50	7	10072811	329	1
SA5112543	0.5	4.5	139	0.6	0.6	4.1	2818	1.8	37	0.5	17	1.6	35	50	19	10072812	395	1
SA5112544	0.5	0.05	30	0.1	0.25	0.2	72	0.05	1	0.5	0.5	0.25	8	50	0.5	10072813	15	1
SA5112545	0.5	0.05	27	0.1	0.25	0.1	42	0.05	0.5	0.5	0.5	0.25	10	50	0.5	10072814	25	1
SA5112546	0.5	0.6	27	0.1	0.25	0.5	84	0.2	4	0.5	3	0.25	6	50	1	10072815	10	1
SA5112547	0.5	6.8	53	0.1	0.8	6.2	1216	3.6	25	0.5	24	1.4	21	50	11	10072816	401	1
SA5112548	0.5	12.2	290	0.7	1.4	10.5	4593	5.1	105	0.5	35	2.4	93	320	48	10072817	283	1
SA5112549	0.5	6.3	158	0.6	0.7	6.7	3784	3.1	51	0.5	19	1.9	42	50	34	10072818	361	1
SA5112550	0.5	9.3	29	0.4	0.9	7.7	1100	6.0	58	0.5	27	1.6	27	50	6	10072819	375	1
SA5112551	0.5	4.3	142	0.5	0.5	6.1	2741	3.9	25	0.5	15	1.1	20	50	29	10072821	336	1
SA5112552	0.5	4.7	178	0.6	0.6	7.3	3580	5.0	29	0.5	15	1.6	20	50	47	10072822	539	1
SA5112553	0.5	3.8	72	0.3	0.25	4.2	1609	1.8	26	0.5	10	0.7	24	50	10	10072823	372	1
SA5112554	0.5	1.3	36	0.1	0.25	1.7	775	0.7	9	0.5	5	0.25	5	50	7	10072824	337	1
SA5112555	0.5	8.1	47	0.1	0.7	5.2	1177	3.4	44	0.5	20	1.2	49	50	7	10072825	233	1
SA5112556	0.5	2.6	35	0.1	0.25	2.8	850	2.0	20	0.5	7	0.25	17	50	4	10072826	355	1
SA5112557	0.5	10.0	46	0.1	0.8	3.6	752	12.5	36	0.5	25	1.3	32	50	4	10072827	226	1
SA5112558	0.5	10.2	45	0.1	0.9	7.7	1261	6.6	63	0.5	27	1.8	54	50	7	10072828	158	1
SA5112559	0.5	13.1	437	1.4	1.7	13.5	6779	4.0	105	0.5	39	4.6	91	450	63	10072829	205	1
SA5112560	0.5	18.0	398	1.5	2.2	16.8	8555	10.0	109	0.5	55	5.5	105	470	75	10072831	272	1
SA5112561	0.5	0.6	24	0.1	0.25	0.6	129	0.2	4	0.5	2	0.25	5	50	1	10072832	259	1
SA5112562	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072833	246	1
SA5112563	0.5	3.7	144	0.4	0.25	3.5	2761	1.2	26	0.5	14	1.1	23	50	25	10072834	325	1
SA5112564	0.5	3.1	190	0.2	0.25	3.5	3042	1.3	27	0.5	11	1.3	21	50	26	10072835	318	1
SA5112565	0.5	13.3	423	1.3	1.7	12.1	6534	3.5	91	0.5	40	4.6	83	320	49	10072836	126	1
SA5112566	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072837	225	1
SA5112567	0.5	5.0	40	0.1	0.6	4.8	1282	2.2	107	0.5	14	0.7	30	50	5	10072838	171	1
SA5112568	0.5	2.1	38	0.1	0.25	1.7	524	1.8	12	0.5	7	0.25	8	50	4	10072839	136	1
SA5112569	0.5	0.1	42	0.1	0.25	0.2	73	0.05	0.5	0.5	0.5	0.25	5	50	1	10072841	20	1
SA5112570	0.5	6.4	50	0.1	0.6	3.9	1244	1.9	80	0.5	17	1.1	39	50	5	10072842	179	1
SA5112571	-9	-9	34	-9	-9	-9	131	-9	3	-9	0.5	-9	11	-9	2	10072843	25	1
SA5112572	0.5	10.8	73	0.3	1.1	6.3	1945	4.1	115	0.5	29	2.3	101	50	9	10072844	190	1
SA5112573	0.5	1.6	42	0.1	0.25	1.8	797	1.3	11	0.5	6	0.25	6	50	5	10072845	463	1
SA5112574	0.5	1.3	53	0.1	0.25	1.5	917	1.0	11	0.5	5	0.25	8	50	6	10072846	466	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112575	0.5	2.4	114	0.2	0.25	2.0	969	0.9	19	0.5	9	0.9	14	50	9	10072847	364	1
SA5112576	0.5	4.6	32	0.1	0.25	3.1	931	1.4	46	0.5	13	1.0	18	50	4	10072848	195	1
SA5112577	0.5	3.1	55	0.1	0.25	2.3	1066	0.9	49	0.5	11	0.25	18	50	6	10072849	161	1
SA5112578	0.5	2.8	39	0.1	0.25	1.5	554	1.3	30	0.5	10	0.25	16	50	3	10072851	262	1
SA5112579	0.5	2.0	32	0.1	0.25	1.8	493	0.9	18	0.5	7	0.25	8	50	3	10072852	275	1
SA5112580	0.5	4.6	40	0.1	0.25	3.7	572	1.2	19	0.5	10	0.25	8	50	4	10072853	126	1
SA5112581	0.5	0.3	38	0.1	0.25	0.2	74	0.05	2	0.5	0.5	0.25	8	50	0.5	10072854	70	1
SA5112582	0.5	0.3	19	0.1	0.25	0.2	69	0.05	1	0.5	0.5	0.25	5	50	0.5	10072855	17	1
SA5112583	0.5	9.1	63	0.1	0.9	4.9	1191	1.0	67	0.5	26	1.7	50	50	7	10072856	199	1
SA5112584	-9	-9	25	-9	-9	-9	89	-9	1	-9	0.5	-9	7	-9	1	10072857	28	1
SA5112585	-9	-9	22	-9	-9	-9	97	-9	1	-9	3	-9	12	-9	1	10072858	43	1
SA5112586	0.5	0.4	32	0.1	0.25	0.3	103	0.05	2	0.5	1	0.25	8	50	1	10072859	12	1
SA5112587	0.5	10.0	171	0.4	1.0	7.3	2618	1.1	66	0.5	36	2.8	64	50	22	10072861	162	1
SA5112588	0.5	4.6	28	0.1	0.25	1.9	553	0.9	19	0.5	18	1.1	13	50	4	10072862	51	1
SA5112589	0.5	2.4	56	0.2	0.25	1.9	896	0.6	18	0.5	9	0.25	13	50	5	10072863	243	1
SA5112590	0.5	2.8	30	0.1	0.25	2.3	655	0.6	29	0.5	10	0.25	7	50	3	10072864	264	1
SA5112591	0.5	0.5	24	0.1	0.25	0.2	77	0.05	2	0.5	2	0.25	7	50	0.5	10072865	25	1
SA5112592	0.5	2.7	38	0.1	0.25	2.5	970	0.9	19	0.5	8	0.6	11	50	6	10072866	105	1
SA5112593	0.5	2.7	29	0.1	0.25	1.8	254	0.8	9	0.5	8	0.25	8	50	2	10072867	367	1
SA5112594	0.5	0.1	32	0.1	0.25	0.3	87	0.05	2	0.5	0.5	0.25	13	50	1	10072868	6	1
SA5112595	0.5	1.8	45	0.1	0.25	2.5	1105	1.7	23	0.5	6	0.25	10	50	6	10072869	385	1
SA5112596	0.5	2.4	59	0.1	0.25	2.9	1261	2.1	19	0.5	7	0.25	17	50	7	10072871	313	1
SA5112597	0.5	2.0	38	0.3	0.25	2.6	948	1.8	26	0.5	6	0.25	16	50	5	10072872	404	1
SA5112598	0.5	7.9	108	0.4	0.8	6.6	2764	6.0	84	0.5	24	1.7	46	50	15	10072873	346	1
SA5112599	0.5	2.0	49	0.1	0.25	1.7	953	0.9	22	0.5	7	0.25	12	50	5	10072874	192	1
SA5112600	0.5	1.5	48	0.1	0.25	1.7	979	2.0	15	0.5	6	0.25	10	50	5	10072875	310	1
SA5112601	0.5	3.2	64	0.2	0.25	2.7	1442	2.7	34	0.5	10	0.25	23	50	6	10072876	172	1
SA5112602	0.5	10.0	159	0.4	1.0	6.3	1688	7.9	62	0.5	31	2.2	76	50	14	10072877	156	1
SA5112603	0.5	1.8	46	0.1	0.25	1.8	759	0.7	18	0.5	6	0.25	10	50	4	10072878	272	1
SA5112604	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072879	288	1
SA5112605	0.5	4.0	78	0.2	0.25	3.8	1627	2.7	40	0.5	13	0.8	23	50	7	10072881	288	1
SA5112606	0.5	17.1	361	0.6	1.9	12.0	4700	34.0	94	0.5	58	4.5	118	50	39	10072882	130	1
SA5112607	0.5	5.6	117	0.3	0.5	5.1	1808	2.6	49	0.5	16	1.0	22	50	8	10072883	365	1
SA5112608	0.5	10.0	73	0.2	1.3	6.7	1251	4.6	35	0.5	50	2.8	45	50	9	10072884	307	1
SA5112609	0.5	16.7	64	0.3	1.8	11.8	1681	11.5	189	0.5	58	3.7	84	50	8	10072885	277	1
SA5112610	0.5	3.2	120	0.2	0.25	3.7	2121	1.6	19	0.5	13	1.0	19	50	16	10072886	376	1
SA5112611	0.5	3.8	49	0.1	0.25	2.4	930	1.7	31	0.5	14	0.7	27	50	8	10072887	234	1
SA5112612	-9	-9	27	-9	-9	-9	73	-9	1	-9	0.5	-9	12	-9	0.5	10072888	6	1
SA5112613	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072889	239	1
SA5112614	-9	-9	55	-9	-9	-9	135	-9	3	-9	0.5	-9	26	-9	2	10072891	11	1
SA5112615	-9	-9	40	-9	-9	-9	83	-9	1	-9	0.5	-9	12	-9	1	10072892	11	1
SA5112616	0.5	5.2	214	0.3	0.6	2.7	2282	1.0	68	0.5	19	1.8	63	50	21	10072893	193	1
SA5112617	-9	-9	31	-9	-9	-9	139	-9	2	-9	0.5	-9	11	-9	2	10072894	4	1
SA5112618	0.5	0.05	51	0.1	0.25	0.2	50	0.05	0.5	0.5	0.5	0.25	14	50	0.5	10072895	2	1
SA5112619	0.5	0.2	31	0.1	0.25	0.2	77	0.05	1	0.5	0.5	0.25	9	50	1	10072896	19	1
SA5112620	-9	-9	33	-9	-9	-9	184	-9	2	-9	1	-9	17	-9	2	10072897	9	1
SA5112621	-9	-9	28	-9	-9	-9	78	-9	0.5	-9	0.5	-9	14	-9	1	10072898	16	1
SA5112622	-9	-9	435	-9	-9	-9	4570	-9	53	-9	22	-9	56	-9	53	10072899	206	1
SA5112623	0.5	8.0	464	1.1	1.1	5.7	7953	1.8	60	0.5	31	4.1	54	620	65	10072901	201	1
SA5112624	0.5	0.1	45	0.1	0.25	0.1	118	0.05	0.5	0.5	0.5	0.25	9	50	1	10072902	17	1
SA5112625	-9	-9	26	-9	-9	-9	102	-9	1	-9	0.5	-9	12	-9	1	10072903	5	1
SA5112626	0.5	0.1	21	0.1	0.25	0.2	75	0.05	0.5	0.5	0.5	0.25	9	50	1	10072904	19	1
SA5112627	0.5	1.6	25	0.1	0.25	1.3	284	1.0	13	0.5	7	0.25	16	50	2	10072905	194	1
SA5112628	0.5	2.1	92	0.2	0.25	1.6	1155	0.8	23	0.5	9	0.25	20	50	12	10072906	176	1
SA5112629	0.5	3.6	195	0.3	0.25	3.1	2776	1.5	49	0.5	15	1.5	36	170	27	10072907	182	1
SA5112630	0.5	0.6	37	0.1	0.25	0.3	88	0.1	3	0.5	3	0.25	9	50	1	10072908	78	1
SA5112631	0.5	0.1	24	0.1	0.25	0.2	36	0.05	0.5	0.5	0.5	0.25	8	50	0.5	10072909	4	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112632	0.5	0.05	29	0.1	0.25	0.1	41	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072911	12	1
SA5112633	0.5	0.1	24	0.1	0.25	0.2	65	0.05	1	0.5	0.5	0.25	13	50	1	10072912	7	1
SA5112634	0.5	0.05	26	0.1	0.25	0.1	65	0.05	0.5	0.5	0.5	0.25	7	50	1	10072913	6	1
SA5112635	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072914	227	1
SA5112636	0.5	4.6	292	0.6	0.6	3.9	3920	1.1	43	0.5	19	1.9	41	210	40	10072915	320	1
SA5112637	0.5	0.05	40	0.1	0.25	0.1	48	0.05	0.5	0.5	0.5	0.25	11	50	0.5	10072916	3	1
SA5112638	-9	-9	41	-9	-9	-9	79	-9	1	-9	0.5	-9	17	-9	1	10072917	1	1
SA5112639	0.5	0.1	36	0.1	0.25	0.2	61	0.1	0.5	0.5	0.5	0.25	12	50	0.5	10072918	10	1
SA5112640	-9	-9	52	-9	-9	-9	126	-9	2	-9	0.5	-9	19	-9	2	10072919	9	1
SA5112641	-9	-9	36	-9	-9	-9	40	-9	0.5	-9	0.5	-9	9	-9	0.5	10072921	10	1
SA5112642	0.5	0.05	37	0.1	0.25	0.05	24	0.05	0.5	0.5	0.5	0.25	8	50	1	10072922	1	1
SA5112643	0.5	0.1	52	0.1	0.25	0.1	83	0.05	0.5	0.5	0.5	0.25	15	50	2	10072923	17	1
SA5112644	0.5	0.05	27	0.1	0.25	0.1	53	0.05	0.5	0.5	0.5	0.25	14	50	0.5	10072924	6	1
SA5112645	0.5	0.05	32	0.1	0.25	0.2	49	0.05	0.5	0.5	0.5	0.25	14	50	0.5	10072925	1	1
SA5112646	0.5	0.05	31	0.1	0.25	0.1	46	0.05	0.5	0.5	0.5	0.25	14	50	0.5	10072926	10	1
SA5112647	0.5	0.05	25	0.1	0.25	0.1	33	0.05	0.5	0.5	0.5	0.25	7	50	0.5	10072927	11	1
SA5112648	0.5	0.2	27	0.1	0.25	0.3	39	0.1	0.5	0.5	0.5	0.25	8	50	0.5	10072928	14	1
SA5112649	0.5	0.1	27	0.1	0.25	0.2	48	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072929	1	1
SA5112650	0.5	0.05	26	0.1	0.25	0.05	53	0.05	0.5	0.5	0.5	0.25	9	50	0.5	10072931	52	1
SA5112651	0.5	0.05	24	0.1	0.25	0.1	44	0.1	0.5	0.5	0.5	0.25	9	50	0.5	10072932	3	1
SA5112652	0.5	0.05	27	0.1	0.25	0.1	34	0.05	0.5	0.5	0.5	0.25	6	50	0.5	10072933	2	1
SA5112653	-9	-9	43	-9	-9	-9	144	-9	2	-9	0.5	-9	16	-9	3	10072934	21	1
SA5112654	0.5	9.1	433	1.1	1.2	9.1	5317	2.4	93	0.5	33	3.8	78	510	82	10072935	218	1
SA5112655	0.5	6.0	338	0.6	0.8	5.7	4213	1.4	55	0.5	25	2.9	48	390	60	10072936	335	1
SA5112656	0.5	0.2	32	0.1	0.25	0.3	141	0.1	1	0.5	0.5	0.25	11	50	3	10072937	64	1
SA5112657	0.5	0.1	42	0.1	0.25	0.2	94	0.05	0.5	0.5	0.5	0.25	13	50	2	10072938	36	1
SA5112658	0.5	0.1	31	0.1	0.25	0.2	88	0.05	0.5	0.5	0.5	0.25	11	50	1	10072939	128	1
SA5112659	0.5	0.05	44	0.1	0.25	0.05	26	0.05	0.5	0.5	0.5	0.25	16	50	0.5	10072939	128	1
SA5112660	0.5	0.05	28	0.1	0.25	0.05	56	0.05	0.5	0.5	0.5	0.25	10	50	1	10072941	7	1
SA5112661	0.5	1.8	71	0.1	0.25	1.7	880	0.6	11	0.5	7	0.25	22	50	12	10072942	1	1
SA5112662	0.5	0.3	25	0.1	0.25	0.4	114	0.2	1	0.5	0.5	0.25	12	50	8	10072943	1	1
SA5112663	0.5	0.05	21	0.1	0.25	0.2	49	0.05	0.5	0.5	0.5	0.25	9	50	1	10072944	3	1
SA5112664	-9	-9	24	-9	-9	-9	89	-9	0.5	-9	0.5	-9	9	-9	2	10072945	10	1
SA5112665	0.5	4.9	223	0.4	0.6	4.0	2383	0.9	36	0.5	18	1.4	33	170	29	10072946	287	1
SA5112666	-9	-9	47	-9	-9	-9	206	-9	2	-9	1	-9	15	-9	2	10072947	1	1
SA5112667	0.5	0.2	28	0.1	0.25	0.3	60	0.1	0.5	0.5	0.5	0.25	8	50	1	10072948	28	1
SA5112668	0.5	0.5	24	0.1	0.25	0.6	79	0.2	2	0.5	2	0.25	5	50	1	10072949	6	1
SA5112669	0.5	5.5	602	1.3	0.9	11.4	3700	4.5	62	1	20	2.5	48	150	42	10072951	175	1
SA5112670	0.5	15.0	77	0.1	1.5	5.2	1063	2.8	86	0.5	46	3.1	63	50	12	10072952	200	1
SA5112671	0.5	0.2	43	0.1	0.25	0.1	46	0.05	0.5	0.5	0.5	0.25	10	50	0.5	10072953	8	1
SA5112672	0.5	0.4	25	0.1	0.25	0.4	71	0.3	3	0.5	2	0.25	6	50	1	10072954	17	1
SA5112673	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072955	77	1
SA5112674	0.5	0.1	21	0.1	0.25	0.2	75	0.05	0.5	0.5	0.5	0.25	6	50	1	10072956	5	1
SA5112675	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10072957	224	1
SA5112676	0.5	1.5	40	0.1	0.25	1.2	158	0.7	4	0.5	8	0.25	9	50	2	10072958	9	1
SA5112677	0.5	5.1	272	0.5	0.6	5.8	4008	1.3	42	0.5	23	2.1	48	260	48	10072959	83	1
SA5112678	0.5	1.8	71	0.1	0.25	1.3	359	0.3	15	0.5	7	0.25	25	50	3	10072961	69	1
SA5112679	0.5	0.4	33	0.1	0.25	0.5	87	0.05	3	0.5	2	0.25	6	50	2	10072962	15	1
SA5112680	0.5	0.1	28	0.1	0.25	0.3	55	0.2	0.5	0.5	0.5	0.25	9	50	0.5	10072963	24	1
SA5112681	0.5	5.7	293	0.5	0.6	5.0	3186	0.9	41	0.5	24	2.2	58	150	38	10072964	162	1
SA5112682	0.5	1.2	26	0.1	0.25	0.9	246	0.2	5	0.5	4	0.25	9	50	2	10072965	33	1
SA5112683	0.5	0.2	39	0.1	0.25	0.2	55	0.05	0.5	0.5	2	0.25	8	50	0.5	10072966	19	1
SA5112684	0.5	5.1	61	0.2	0.25	3.6	892	0.6	13	0.5	16	1.0	27	50	10	10072967	100	1
SA5112685	0.5	0.3	26	0.1	0.25	0.5	132	0.05	3	0.5	1	0.25	6	50	2	10072968	56	1
SA5112686	0.5	0.3	26	0.1	0.25	0.3	90	0.05	3	0.5	1	0.25	14	50	2	10072969	18	1
SA5112687	0.5	2.1	27	0.1	0.25	0.8	187	2.9	9	0.5	7	0.25	28	50	2	10072971	113	1
SA5112688	0.5	6.1	43	0.1	0.6	3.5	641	0.6	14	0.5	19	1.0	43	50	5	10072972	94	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112689	0.5	0.8	26	0.1	0.25	0.5	66	0.4	5	0.5	4	0.25	15	50	1	10072973	22	1
SA5112690	0.5	1.5	38	0.1	0.25	0.9	190	1.8	7	0.5	8	0.5	7	50	3	10072974	83	1
SA5112691	0.5	0.5	67	0.1	0.25	0.4	81	0.2	3	0.5	2	0.25	5	50	1	10072975	61	1
SA5112692	0.5	2.0	121	0.4	0.25	4.9	2697	1.3	29	0.5	6	0.25	21	50	20	10072976	50	1
SA5112693	0.5	1.5	208	0.6	0.25	2.6	4161	0.7	30	0.5	6	0.9	21	270	36	10072977	106	1
SA5112694	0.5	3.3	184	0.6	0.25	3.6	3001	0.9	35	0.5	13	1.2	38	50	26	10072978	110	1
SA5112695	0.5	7.1	46	0.1	0.6	3.7	506	2.1	17	0.5	20	1.5	25	50	3	10072979	82	1
SA5112696	0.5	0.6	35	0.1	0.25	0.6	137	0.1	5	0.5	3	0.25	8	50	2	10072981	102	1
SA5112697	0.5	3.7	32	0.1	0.25	4.6	513	1.7	20	0.5	11	0.25	16	50	4	10072982	365	1
SA5112698	0.5	0.2	27	0.1	0.25	0.2	53	0.05	2	0.5	1	0.25	7	50	0.5	10072983	24	1
SA5112699	0.5	0.9	25	0.1	0.25	1.1	114	0.3	7	0.5	4	0.25	7	50	2	-9	-9	-9
SA5112700	0.5	0.2	22	0.1	0.25	0.3	87	0.05	1	0.5	0.5	0.25	6	50	1	10072984	16	1
SA5112701	0.5	7.2	484	0.9	1.0	4.9	5853	1.4	54	0.5	30	3.2	48	510	75	10072985	93	1
SA5112702	0.5	1.5	38	0.1	0.25	1.3	384	1.3	11	0.5	7	0.25	12	50	6	10072986	19	1
SA5112703	0.5	1.5	41	0.1	0.25	0.8	91	1.5	4	0.5	8	0.25	8	50	2	10072987	76	1
SA5112704	0.5	0.4	10	0.1	0.25	0.8	198	0.2	6	0.5	3	0.25	7	50	1	10072988	67	1
SA5112705	0.5	5.0	39	0.1	0.6	2.2	354	1.2	23	0.5	18	0.9	21	50	3	10072989	62	1
SA5112706	0.5	0.5	15	0.1	0.25	0.8	131	0.2	4	0.5	3	0.25	8	50	2	10072991	74	1
SA5112707	-9	-9	31	-9	-9	-9	70	-9	2	-9	2	-9	8	-9	2	10072992	51	1
SA5112708	0.5	0.05	15	0.1	0.25	0.1	52	0.05	0.5	0.5	0.5	0.25	4	50	2	10072993	7	1
SA5112709	0.5	3.3	78	0.3	0.25	3.0	1253	0.8	21	0.5	13	0.7	32	50	12	10072994	141	1
SA5112710	0.5	2.6	71	0.2	0.25	4.2	1063	0.6	17	0.5	10	0.6	24	50	12	10072995	88	1
SA5112711	0.5	7.7	495	1.0	1.0	6.2	6257	1.6	60	0.5	32	3.3	61	490	73	10072996	126	1
SA5112712	0.5	1.9	37	0.1	0.25	1.7	467	0.6	18	0.5	8	0.25	10	50	4	10072997	125	1
SA5112713	-9	-9	289	-9	-9	-9	6976	-9	85	-9	35	-9	58	-9	83	10072998	129	1
SA5112714	0.5	1.4	16	0.1	0.25	1.3	167	5.2	3	0.5	6	0.25	7	50	1	10072999	82	1
SA5112715	0.5	6.0	417	0.8	0.8	4.4	5330	1.1	49	0.5	27	2.7	47	380	63	10073001	90	1
SA5112716	0.5	1.2	33	0.1	0.25	1.1	253	0.6	10	0.5	5	0.6	12	50	2	10073002	67	1
SA5112717	0.5	3.5	61	0.3	0.25	2.7	1206	1.2	18	0.5	12	0.8	40	50	15	10073003	116	1
SA5112718	0.5	3.7	62	0.1	0.25	5.1	1328	1.8	24	0.5	11	0.5	27	50	11	10073004	130	1
SA5112719	0.5	5.7	87	0.2	0.6	6.8	1683	2.5	38	0.5	15	0.6	40	50	15	10073005	161	1
SA5112720	0.5	2.2	25	0.1	0.25	1.4	198	1.3	6	0.5	6	0.25	8	50	2	10073006	177	1
SA5112721	0.5	2.7	231	0.4	0.25	4.5	3747	1.2	19	0.5	11	0.9	18	250	45	10073007	140	1
SA5112722	0.5	1.7	32	0.1	0.25	2.0	273	0.3	7	0.5	5	0.25	8	50	3	10073008	57	1
SA5112723	0.5	1.3	56	0.1	0.25	1.1	93	0.8	2	0.5	5	0.25	10	50	1	10073009	93	1
SA5112724	0.5	7.5	72	0.1	0.6	9.0	1326	0.8	34	0.5	16	0.25	53	50	13	10073011	85	1
SA5112725	0.5	3.5	32	0.1	0.25	3.4	280	0.4	8	0.5	7	0.25	15	50	4	10073012	49	1
SA5112726	0.5	3.6	36	0.1	0.25	3.9	635	1.4	17	0.5	12	0.6	25	50	6	10073013	87	1
SA5112727	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10073014	39	1
SA5112728	0.5	2.6	84	0.2	0.25	2.8	1107	10.0	14	0.5	9	0.6	13	50	12	10073015	194	1
SA5112729	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10073016	58	1
SA5112730	0.5	5.7	47	0.1	0.7	4.5	636	18.5	10	0.5	19	1.3	15	50	6	10073017	149	1
SA5112731	0.5	0.5	30	0.1	0.25	0.5	83	1.5	2	0.5	2	0.25	12	50	1	10073018	30	1
SA5112732	0.5	1.1	24	0.1	0.25	0.8	110	0.5	6	0.5	5	0.25	9	50	1	10073019	32	1
SA5112733	0.5	1.5	37	0.1	0.25	0.8	218	0.2	19	0.5	7	0.25	33	50	2	10073021	64	1
SA5112734	0.5	0.8	42	0.1	0.25	0.8	230	0.05	8	0.5	4	0.25	7	50	4	10073022	13	1
SA5112735	0.5	2.1	34	0.1	0.25	1.8	232	0.3	20	0.5	8	0.5	7	50	3	10073023	29	1
SA5112736	0.5	4.8	43	0.1	0.25	3.8	663	0.8	34	0.5	20	1.4	41	50	9	10073024	43	1
SA5112737	0.5	0.9	42	0.1	0.25	0.7	131	0.05	9	0.5	4	0.5	6	50	1	10073025	61	1
SA5112738	0.5	6.5	435	0.8	1.0	6.0	5687	1.4	99	0.5	31	3.5	58	430	60	10073026	32	1
SA5112739	0.5	1.5	73	0.1	0.25	0.8	789	0.7	33	0.5	10	0.25	37	50	8	10073027	93	1
SA5112740	0.5	2.1	45	0.1	0.25	1.6	379	0.4	15	0.5	6	0.9	11	50	4	10073028	39	1
SA5112741	0.5	1.4	35	0.1	0.25	1.2	328	0.2	13	0.5	7	0.25	9	50	5	10073029	31	1
SA5112742	0.5	2.2	42	0.1	0.25	4.0	423	0.4	17	0.5	13	0.6	11	50	10	10073031	28	1
SA5112743	0.5	10.9	184	0.4	1.1	7.3	3077	3.6	92	1	42	2.8	50	50	28	10073032	54	1
SA5112744	-9	-9	39	-9	-9	-9	377	-9	29	-9	9	-9	16	-9	6	10073033	29	1
SA5112745	-9	-9	35	-9	-9	-9	411	-9	20	-9	14	-9	33	-9	7	10073034	17	1

FldNum	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_ppm	Zr2_ppm	WatLabNum	Alw2_ppb	Asw2_ppb
SA5112746	0.5	2.1	101	0.2	0.25	2.6	1193	0.5	20	0.5	9	0.6	25	50	13	10073035	145	1
SA5112747	0.5	6.3	489	0.8	0.8	5.2	4485	1.2	52	0.5	23	2.7	64	300	51	10073036	37	1
SA5112748	0.5	0.9	40	0.1	0.25	0.7	168	0.05	9	0.5	4	0.25	10	50	2	10073037	21	1
SA5112749	0.5	3.3	71	0.1	0.25	3.2	1065	0.5	37	0.5	13	1.0	46	50	10	10073038	77	1
SA5112750	0.5	1.1	29	0.1	0.25	1.6	235	0.6	10	0.5	5	0.25	8	50	3	10073039	50	1
SA5112751	0.5	1.7	19	0.1	0.25	1.3	118	0.3	16	0.5	8	0.5	6	50	2	10073041	36	1
SA5112752	0.5	0.4	33	0.1	0.25	0.4	97	0.05	3	0.5	2	0.25	8	50	1	10073042	13	1
SA5112753	0.5	0.7	33	0.1	0.25	0.6	244	0.2	6	0.5	3	0.25	9	50	3	10073043	21	1
SA5112754	0.5	6.3	518	0.8	0.9	4.3	4270	1.1	52	0.5	25	2.5	61	350	47	10073044	39	1
SA5112755	0.5	4.1	61	0.1	0.25	2.7	519	0.9	42	0.5	17	1.1	54	50	6	10073045	93	1
SA5112756	0.5	0.4	28	0.1	0.25	0.4	99	0.05	4	0.5	2	0.25	8	50	1	10073046	22	1
SA5112757	0.5	2.7	52	0.1	0.25	2.1	510	0.5	38	0.5	12	1.2	33	50	6	10073047	84	1
SA5112758	0.5	3.7	69	0.1	0.25	2.4	788	0.4	36	0.5	14	1.3	56	50	15	10073048	17	1
SA5112759	0.5	0.3	47	0.1	0.25	0.3	95	0.05	4	0.5	2	0.5	9	50	1	10073049	45	1
SA5112760	0.5	2.5	91	0.1	0.25	2.6	1312	0.6	35	0.5	11	0.7	35	50	12	10073051	88	1
SA5112761	-9	-9	55	-9	-9	-9	407	-9	9	-9	4	-9	17	-9	4	10073052	19	1
SA5112762	0.5	0.5	32	0.1	0.25	0.5	79	0.05	4	0.5	2	0.25	10	50	2	10073053	23	1
SA5112763	0.5	1.0	56	0.1	0.25	1.1	587	0.2	13	0.5	4	0.25	11	50	7	10073054	49	1
SA5112764	-9	-9	293	-9	-9	-9	4464	-9	42	-9	12	-9	35	-9	42	10073055	102	1
SA5112765	0.5	3.7	449	1.2	0.5	6.1	7757	1.5	48	0.5	11	1.8	27	580	75	10073056	54	1
SA5112766	0.5	0.3	21	0.1	0.25	0.4	129	0.1	6	0.5	2	0.25	9	50	2	10073057	47	1
SA5112767	0.5	0.05	29	0.1	0.25	0.1	54	0.05	1	0.5	0.5	0.25	8	50	0.5	10073058	49	1
SA5112768	0.5	0.05	30	0.1	0.25	0.05	49	0.05	0.5	0.5	0.5	0.25	6	50	1	10073059	9	1
SA5112769	0.5	1.1	34	0.1	0.25	0.3	107	1.6	6	0.5	5	0.25	8	50	2	10073061	13	1
SA5112770	0.5	0.3	27	0.1	0.25	0.4	88	0.1	4	0.5	2	0.25	6	50	1	10073062	36	1
SA5112771	0.5	1.4	99	0.1	0.25	1.5	1577	0.4	11	0.5	5	0.25	16	50	12	10073063	55	1
SA5112772	0.5	10.0	510	0.9	1.3	8.7	5830	1.8	78	0.5	32	4.0	75	370	58	10073064	41	1
SA5112773	-9	-9	212	-9	-9	-9	3557	-9	27	-9	9	-9	24	-9	39	10073065	24	1
SA5112774	0.5	0.2	27	0.1	0.25	0.3	100	0.05	2	0.5	1	0.25	10	50	1	10073066	18	1
SA5112775	0.5	2.8	100	0.2	0.25	1.9	992	0.7	50	0.5	11	0.5	34	50	8	10073067	87	1
SA5112776	0.5	17.7	21	0.1	1.4	17.7	98	7.1	1	0.5	1	2.7	11	50	1	10073068	45	1
SA5112777	-9	-9	51	-9	-9	-9	1791	-9	98	-9	38	-9	32	-9	7	10073069	308	1
SA5112778	0.5	21.9	45	0.2	2.1	8.1	872	13.4	61	0.5	57	3.4	56	50	5	10073071	224	1
SA5112779	0.5	4.9	50	0.1	0.5	4.3	774	4.7	13	0.5	16	0.8	12	50	6	10073072	217	1
SA5112780	0.5	4.0	32	0.1	0.25	7.1	1306	3.6	12	0.5	16	0.8	9	50	7	10073073	236	1
SA5112781	0.5	13.9	88	0.4	1.6	18.0	2329	19.5	41	0.5	47	3.1	49	50	13	10073074	366	1
SA5112782	0.5	8.5	155	1.7	1.2	6.4	6306	4.4	53	0.5	43	4.3	45	640	27	10073075	304	1
SA5112783	0.5	6.6	54	0.4	0.7	5.9	2022	3.3	30	0.5	20	1.1	17	50	10	10073076	256	1
SA5112784	0.5	20.6	358	1.1	2.4	16.1	6325	18.2	82	0.5	73	6.8	107	400	46	10073077	316	1
SA5112785	0.5	5.4	30	0.1	0.5	4.0	423	2.0	11	0.5	20	1.7	16	50	4	10073078	55	1
SA5112786	0.5	2.0	27	0.1	0.25	2.0	288	3.1	12	0.5	8	0.25	11	50	3	10073079	55	1
SA5112787	-9	-9	233	-9	-9	-9	4305	-9	52	-9	41	-9	56	-9	23	10073081	310	1
SA5112788	0.5	10.0	195	2.5	1.6	4.3	10751	2.2	91	0.5	66	6.4	71	730	47	10073082	298	1

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5111891	4.5	0.1	0.69	0.5	16.46	0.5	0.25	5.2	112	49	0.12	0.2	0.26	5.9	0.5	1.68
SA5111892	2.6	0.05	0.74	0.5	15.16	0.5	0.25	4.5	93	34	0.10	0.2	0.27	6.0	0.5	1.62
SA5111893	4.5	0.05	0.69	0.5	19.4	0.5	0.25	4.2	360	13	0.24	0.2	0.35	9.8	0.5	1.97
SA5111894	6.6	0.05	0.49	0.5	17.35	0.5	0.25	5.3	175	6	0.12	0.2	0.29	14.7	0.5	1.63
SA5111895	4.9	0.1	0.60	0.5	18.05	1	0.25	4.8	244	17	0.12	0.3	0.28	9.5	0.5	1.53
SA5111896	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111897	4.9	63.0	0.83	0.5	21	0.5	0.25	4.4	461	32	0.14	0.4	0.33	7.2	0.5	1.90
SA5111898	4.2	40.7	0.75	0.5	18.4	0.5	0.25	4.1	361	31	0.14	0.4	0.32	6.2	0.5	1.75
SA5111899	4.5	0.5	1.13	0.5	19.4	0.5	0.25	5.5	134	36	0.26	0.2	0.55	3.0	0.5	1.81
SA5111900	0.9	0.05	0.13	0.5	14.33	0.5	0.25	4.9	38	6	0.04	0.05	0.06	0.8	0.5	0.71
SA5111901	3.3	0.1	0.57	0.5	14.4	0.5	0.25	3.0	147	22	0.09	0.1	0.27	6.8	0.5	1.35
SA5111902	3.3	0.05	0.40	0.5	15.6	0.5	0.25	2.6	253	19	0.05	0.2	0.18	6.0	0.5	1.22
SA5111903	1.6	3.8	0.15	0.5	19.4	0.5	0.25	2.6	150	7	0.06	0.05	0.10	1.5	0.5	0.70
SA5111904	4.9	40.7	0.52	0.5	17.21	0.5	0.25	3.8	461	24	0.05	0.2	0.23	8.9	0.5	1.26
SA5111905	4.9	1.7	0.45	0.5	15.6	0.5	0.25	3.0	318	21	0.06	0.2	0.19	9.0	0.5	1.15
SA5111906	0.6	0.05	0.10	0.5	14.6	0.5	0.25	11.2	165	8	0.005	0.05	0.05	1.0	0.5	0.56
SA5111907	4.0	1.4	0.37	0.5	12.1	0.5	0.25	2.1	155	11	0.05	0.05	0.21	17.1	0.5	1.03
SA5111908	6.1	0.8	0.59	0.5	13.9	0.5	0.25	3.9	226	15	0.03	0.05	0.27	8.6	0.5	1.18
SA5111909	4.6	0.05	0.56	0.5	11.8	0.5	0.25	3.7	149	13	0.06	0.1	0.30	6.0	0.5	1.09
SA5111910	9.6	0.05	0.37	0.5	14.7	0.5	0.25	5.0	214	28	0.03	0.05	0.20	20.2	0.5	1.20
SA5111911	4.8	0.05	0.56	0.5	13.8	0.5	0.25	5.2	263	23	0.03	0.05	0.17	11.0	0.5	1.00
SA5111912	1.8	0.1	0.10	0.5	19.57	0.5	0.25	3.3	356	9	0.005	0.05	0.07	1.3	0.5	0.49
SA5111913	3.4	2.1	0.22	0.5	12.37	0.5	0.25	3.4	178	13	0.03	0.05	0.15	3.6	0.5	0.94
SA5111914	4.6	0.1	0.47	0.5	13.5	0.5	0.25	3.1	186	21	0.02	0.05	0.15	9.7	0.5	0.97
SA5111915	6.7	0.2	0.42	0.5	16.4	0.5	0.25	5.3	253	19	0.05	0.05	0.19	8.3	0.5	1.19
SA5111916	5.5	0.2	0.47	0.5	19.6	0.5	0.25	2.9	328	53	0.19	0.3	0.31	11.1	0.5	1.94
SA5111917	6.3	0.2	0.45	0.5	18.7	0.5	0.25	2.5	246	40	0.14	0.3	0.33	14.9	0.5	1.65
SA5111918	3.4	3.9	0.42	0.5	16.1	0.5	0.25	3.5	273	28	0.05	0.2	0.20	7.0	0.5	1.06
SA5111919	5.4	0.7	0.54	0.5	17.5	0.5	0.25	4.0	196	40	0.18	0.2	0.35	14.9	0.5	1.66
SA5111920	3.4	0.2	0.43	0.5	19	0.5	0.25	5.4	316	29	0.11	0.2	0.28	12.0	0.5	1.59
SA5111921	3.3	1.3	0.43	0.5	15.9	0.5	0.25	4.7	124	34	0.09	0.1	0.34	0.8	0.5	1.42
SA5111922	3.8	0.4	0.45	0.5	20	0.5	0.8	2.9	283	20	0.10	0.1	0.27	9.8	0.5	1.48
SA5111923	4.5	0.1	0.50	0.5	20.6	0.5	0.6	2.3	357	19	0.13	0.05	0.33	10.9	0.5	1.70
SA5111924	11.1	0.2	0.71	0.5	31.7	0.5	0.8	3.1	605	27	0.16	0.4	0.45	15.3	0.5	2.22
SA5111925	11.5	0.9	0.58	0.5	21.1	0.5	0.25	3.7	367	34	0.23	0.2	0.43	25.1	0.5	1.79
SA5111926	4.5	0.1	0.60	0.5	23.3	0.5	0.25	4.4	432	16	0.17	0.05	0.33	8.3	0.5	1.48
SA5111927	10.8	0.2	0.64	0.5	18.1	0.5	0.25	2.9	226	37	0.40	0.3	0.34	18.2	0.5	1.52
SA5111928	2.8	0.05	0.39	0.5	13.11	0.5	0.25	3.0	181	13	0.05	0.05	0.18	5.9	0.5	1.01
SA5111929	4.2	0.2	0.39	0.5	15	0.5	0.25	3.5	207	7	0.09	0.05	0.22	7.1	0.5	1.14
SA5111930	1.8	0.1	0.21	0.5	16.4	0.5	0.25	3.3	147	5	0.02	0.05	0.13	1.8	0.5	0.73
SA5111931	2.1	0.05	0.23	0.5	13.7	0.5	0.25	4.3	154	1	0.06	0.05	0.11	1.8	0.5	0.78
SA5111932	3.6	0.1	0.25	0.5	16.2	0.5	0.25	6.6	194	6	0.09	0.05	0.15	2.1	0.5	0.76
SA5111933	4.4	0.05	0.44	0.5	20	0.5	0.25	5.6	403	6	0.01	0.05	0.22	4.9	0.5	1.14
SA5111934	3.7	0.1	0.48	0.5	17.4	0.5	0.25	5.1	410	9	0.03	0.05	0.23	6.7	0.5	1.23
SA5111935	3.8	0.1	0.43	0.5	12.4	0.5	0.25	2.6	182	8	0.03	0.05	0.19	7.8	0.5	0.95
SA5111936	4.2	0.1	0.36	0.5	14.8	0.5	0.25	2.9	274	1	0.03	0.05	0.19	5.5	0.5	1.05
SA5111937	2.1	0.1	0.21	0.5	11.1	0.5	0.25	3.7	317	4	0.01	0.05	0.10	3.3	0.5	0.60
SA5111938	1.7	0.4	0.12	0.5	17.8	0.5	5.1	4.8	712	34	0.17	0.05	0.06	0.7	0.5	0.98
SA5111939	3.9	0.1	0.34	0.5	13.6	0.5	0.25	3.6	172	14	0.04	0.1	0.23	6.8	0.5	1.06
SA5111940	3.2	0.05	0.68	0.5	12.4	0.5	0.25	2.8	318	14	0.03	0.05	0.17	8.3	0.5	0.89
SA5111941	5.0	0.1	0.61	0.5	16.3	0.5	0.25	2.4	445	16	0.04	0.05	0.21	10.4	0.5	1.11
SA5111942	0.4	0.05	0.05	0.5	17	0.5	0.25	1.9	53	19	0.005	0.05	0.05	0.25	0.5	0.54
SA5111943	4.9	0.1	0.50	0.5	12	0.5	0.25	2.5	175	7	0.04	0.05	0.16	11.6	0.5	0.86
SA5111944	3.0	0.1	0.20	0.5	15.7	0.5	0.25	0.25	147	16	0.02	0.05	0.13	1.7	0.5	0.84
SA5111945	3.1	0.1	0.15	0.5	16.3	0.5	0.25	0.25	107	7	0.01	0.05	0.09	1.5	0.5	0.70
SA5111946	9.9	0.1	0.77	0.5	20	0.5	0.25	0.25	350	13	0.20	0.2	0.40	20.7	0.5	1.72
SA5111947	9.5	0.8	0.81	0.5	24.5	0.5	0.25	0.25	627	35	0.20	0.3	0.43	24.4	0.5	2.05

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5111948	19.9	0.1	1.06	0.5	25.2	0.5	0.25	0.25	735	50	0.73	0.3	0.52	28.3	0.5	1.92
SA5111949	10.8	0.1	0.73	0.5	17.8	0.5	0.25	0.25	171	37	0.37	0.2	0.33	21.5	0.5	1.57
SA5111950	3.1	0.05	0.20	0.5	16	0.5	0.25	0.25	121	8	0.02	0.05	0.10	2.0	0.5	0.69
SA5111951	11.1	0.1	0.70	0.5	19.5	0.5	0.25	0.25	270	33	0.32	0.05	0.34	24.0	0.5	1.60
SA5111952	7.6	0.1	0.61	0.5	17	0.5	0.25	4.0	184	30	0.25	0.05	0.32	18.7	0.5	1.58
SA5111953	5.4	0.1	0.61	0.5	19.5	0.5	0.25	1.5	280	28	0.16	0.05	0.30	16.2	0.5	1.61
SA5111954	6.2	0.1	0.70	0.5	21.9	0.5	0.25	2.5	418	22	0.11	0.2	0.36	12.9	0.5	1.61
SA5111955	6.2	0.1	0.61	0.5	16.5	0.5	0.25	1.6	152	27	0.19	0.05	0.31	12.5	0.5	1.53
SA5111956	7.8	0.1	0.72	0.5	19.7	0.5	0.25	0.25	455	34	0.28	0.05	0.45	13.4	0.5	1.67
SA5111957	5.5	0.1	0.51	0.5	19.2	0.5	0.25	2.4	313	26	0.16	0.05	0.33	9.6	0.5	1.53
SA5111958	4.5	0.1	0.43	0.5	13	0.5	0.25	0.25	101	30	0.10	0.05	0.27	12.8	0.5	1.31
SA5111959	4.3	0.1	0.55	0.5	12.7	0.5	0.25	0.25	77	21	0.09	0.05	0.24	13.1	0.5	1.25
SA5111960	4.5	0.1	0.52	0.5	19.9	0.5	0.25	0.9	351	17	0.05	0.05	0.26	7.5	0.5	1.34
SA5111961	3.8	0.05	0.57	0.5	12.9	0.5	0.25	0.25	206	20	0.03	0.05	0.23	6.8	0.5	1.04
SA5111962	1.7	0.1	0.21	0.5	13.2	0.5	0.25	0.25	188	10	0.03	0.05	0.12	1.5	0.5	0.82
SA5111963	4.1	0.1	0.46	0.5	15.5	0.5	0.25	1.7	289	13	0.04	0.05	0.22	8.4	0.5	1.20
SA5111964	2.1	0.05	0.51	0.5	10	0.5	0.25	1.7	177	19	0.03	0.05	0.15	6.1	0.5	0.86
SA5111965	6.9	0.1	0.52	0.5	21.9	0.5	0.25	0.25	427	18	0.07	0.05	0.27	6.5	0.5	1.27
SA5111966	4.7	0.1	0.36	0.5	14.2	0.5	0.25	0.6	281	13	0.06	0.05	0.17	5.6	0.5	1.02
SA5111967	3.4	0.7	0.50	0.5	11.8	0.5	0.25	0.25	520	19	0.08	0.05	0.13	6.8	0.5	0.71
SA5111968	0.5	0.5	0.04	0.5	12.6	0.5	0.25	13.3	51	6	0.01	0.05	0.03	0.25	0.5	0.53
SA5111969	1.3	2.6	0.13	0.5	12.5	0.5	0.25	0.25	105	2	0.04	0.05	0.08	0.8	0.5	0.64
SA5111970	0.7	3.8	0.17	0.5	13.2	0.5	0.25	0.25	189	6	0.07	0.05	0.08	0.8	0.5	0.66
SA5111971	6.6	0.6	0.77	0.5	13.4	0.5	0.25	0.5	233	29	0.17	0.05	0.28	6.7	0.5	1.22
SA5111972	6.3	0.1	0.74	0.5	12.8	0.5	0.25	0.25	164	22	0.11	0.2	0.27	4.9	0.5	1.14
SA5111973	5.4	1.8	0.44	0.5	12.9	0.5	0.25	0.6	155	15	0.09	0.05	0.21	3.1	0.5	1.03
SA5111974	4.1	0.6	0.62	0.5	12	0.5	0.25	0.7	127	27	0.08	0.05	0.26	2.2	0.5	0.96
SA5111975	5.1	0.2	0.65	0.5	11.3	0.5	0.25	0.6	147	35	0.10	0.05	0.26	7.1	0.5	0.99
SA5111976	6.6	0.2	0.74	0.5	11.7	0.5	0.25	0.25	216	38	0.12	0.05	0.23	7.1	0.5	1.01
SA5111977	0.9	0.1	0.11	0.5	12	0.5	0.25	0.25	95	15	0.03	0.05	0.06	3.1	0.5	0.62
SA5111978	2.3	0.2	0.54	0.5	10.9	0.5	0.25	0.25	179	26	0.06	0.05	0.15	6.3	0.5	0.88
SA5111979	3.3	0.1	0.27	0.5	9.7	0.5	0.25	0.25	141	27	0.05	0.1	0.10	6.6	0.5	0.72
SA5111980	11.7	0.1	0.85	0.5	17.7	0.5	0.25	0.25	759	36	0.02	0.1	0.25	12.4	0.5	1.03
SA5111981	7.7	0.3	0.70	0.5	13.2	0.5	0.25	0.25	320	39	0.05	0.1	0.23	7.6	0.5	1.05
SA5111982	5.2	0.1	0.50	0.5	11.4	0.5	0.25	4.4	182	36	0.10	0.05	0.18	4.0	0.5	1.09
SA5111983	5.0	0.6	0.65	0.5	11.8	0.5	0.25	0.25	30	33	0.08	0.05	0.25	3.5	0.5	0.99
SA5111984	4.5	1.8	0.31	0.5	12.2	0.5	0.25	5.7	182	16	0.05	0.05	0.16	4.0	0.5	0.85
SA5111985	5.4	0.1	0.84	0.5	13.44	0.5	0.25	5.4	60	34	0.15	0.2	0.33	2.2	0.5	1.09
SA5111986	5.1	0.7	0.53	0.5	11.9	0.5	0.25	1.3	117	25	0.09	0.05	0.25	2.1	0.5	1.08
SA5111987	5.5	0.1	0.99	0.5	15.2	0.5	0.25	1.2	85	37	0.16	0.1	0.39	1.6	0.5	1.15
SA5111988	5.8	0.1	0.60	0.5	11.1	0.5	0.25	0.25	175	25	0.07	0.05	0.23	2.8	0.5	0.91
SA5111989	4.0	2.1	0.43	0.5	10.7	0.5	0.25	6.1	134	19	0.08	0.3	0.15	7.7	0.5	0.86
SA5111990	5.2	0.9	0.63	0.5	11.7	0.5	0.25	0.25	471	23	0.07	0.05	0.24	7.7	0.5	0.90
SA5111991	1.7	0.1	0.14	0.5	14.3	0.5	0.25	5.1	258	9	0.04	0.05	0.09	3.7	0.5	0.60
SA5111992	5.6	1.1	0.59	0.5	12	0.5	0.25	0.25	200	26	0.07	0.05	0.20	6.2	0.5	0.97
SA5111993	0.4	0.05	0.11	0.5	18.5	0.5	0.25	0.25	192	14	0.05	0.05	0.06	2.0	0.5	0.59
SA5111994	1.3	0.05	0.09	0.5	18.8	0.5	0.25	0.25	129	10	0.01	0.05	0.05	2.8	0.5	0.43
SA5111995	6.6	0.2	0.82	0.5	14.6	0.5	0.25	5.4	429	36	0.02	0.05	0.28	6.4	0.5	1.06
SA5111996	5.1	0.2	0.81	0.5	13.6	0.5	0.25	0.25	53	31	0.12	0.05	0.32	3.0	0.5	1.06
SA5111997	7.5	0.05	0.75	0.5	13	0.5	0.25	0.25	342	35	0.06	0.05	0.27	6.9	0.5	1.10
SA5111998	0.3	0.1	0.06	0.5	14.2	0.5	0.25	0.25	22	8	0.005	0.05	0.03	0.9	0.5	0.30
SA5111999	6.7	0.05	0.84	0.5	13.9	0.5	0.25	0.25	415	32	0.08	0.05	0.31	7.7	0.5	1.08
SA5112000	7.1	0.05	0.51	0.5	8.34	0.5	0.25	0.25	380	27	0.06	0.05	0.16	4.9	0.5	0.94
SA5112001	6.8	0.3	1.05	0.5	15.8	0.5	0.25	0.25	419	52	0.10	0.05	0.40	5.2	0.5	1.31
SA5112002	0.6	0.05	0.06	0.5	13.1	0.5	0.25	0.25	51	13	0.02	0.05	0.05	0.5	0.5	0.42
SA5112003	5.5	0.05	0.71	0.5	14.4	0.5	0.25	0.25	1229	24	0.09	0.05	0.28	10.1	0.5	1.20
SA5112004	1.8	0.05	0.23	0.5	19.8	0.5	0.25	0.25	189	17	0.05	0.05	0.13	1.5	0.5	0.66

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112005	0.7	0.05	0.17	0.5	27.7	0.5	0.25	0.25	361	10	0.04	0.05	0.13	0.25	0.5	0.59
SA5112006	0.2	0.05	0.06	0.5	18.6	0.5	0.25	0.25	119	12	0.01	0.05	0.06	1.0	0.5	0.47
SA5112007	0.3	0.05	0.07	0.5	11.9	0.5	0.25	0.25	58	8	0.01	0.05	0.04	2.0	0.5	0.48
SA5112008	5.7	0.05	0.67	0.5	15	0.5	0.25	0.25	839	24	0.02	0.05	0.26	8.8	0.5	1.06
SA5112009	0.1	0.05	0.06	0.5	25.7	0.5	0.25	0.25	173	14	0.01	0.05	0.06	0.25	0.5	0.47
SA5112010	0.1	0.05	0.07	0.5	17.6	0.5	0.25	0.25	120	9	0.02	0.05	0.07	1.4	0.5	0.48
SA5112011	3.0	0.05	0.58	0.5	12.9	0.5	0.25	0.25	819	15	0.05	0.05	0.22	11.5	0.5	0.64
SA5112012	1.2	0.05	0.17	0.5	25.7	0.5	0.25	0.25	124	4	0.07	0.05	0.10	1.4	0.5	0.41
SA5112013	0.1	0.05	0.09	0.5	24.2	0.5	0.25	0.25	81	8	0.01	0.05	0.07	2.2	0.5	0.39
SA5112014	8.8	0.05	0.98	0.5	17.7	0.5	0.25	0.25	732	35	0.05	0.05	0.33	9.4	0.5	1.29
SA5112015	0.4	0.05	0.10	0.5	19	0.5	0.25	0.25	124	12	0.02	0.05	0.07	1.1	0.5	0.41
SA5112016	0.4	0.05	0.08	0.5	12.5	0.5	0.25	0.25	63	7	0.05	0.05	0.03	0.5	0.5	0.39
SA5112017	1.0	0.05	0.11	0.5	20.8	0.5	0.25	0.25	73	10	0.04	0.05	0.05	0.8	0.5	0.31
SA5112018	9.6	0.3	1.06	0.5	14.4	0.5	0.25	0.25	910	36	0.03	0.05	0.34	6.4	0.5	1.39
SA5112019	0.2	0.1	0.07	0.5	22.4	0.5	0.25	0.25	148	5	0.01	0.05	0.04	0.25	0.5	0.33
SA5112020	0.4	0.05	0.07	0.5	13.8	0.5	0.25	0.25	39	19	0.03	0.05	0.04	0.7	0.5	0.72
SA5112021	3.8	0.1	0.19	0.5	26.6	0.5	0.25	0.25	200	18	0.09	0.05	0.13	3.7	0.5	1.09
SA5112022	0.1	0.05	0.06	0.5	9.28	0.5	0.25	0.25	25	10	0.02	0.05	0.02	0.8	0.5	0.33
SA5112023	0.3	0.05	0.08	0.5	14.6	0.5	0.25	0.25	103	16	0.04	0.05	0.03	0.8	0.5	0.36
SA5112024	1.0	0.05	0.14	0.5	19.1	0.5	0.25	0.25	185	13	0.01	0.05	0.07	0.8	0.5	0.45
SA5112025	0.4	0.2	0.15	0.5	14.8	0.5	0.25	2.8	352	18	0.16	0.05	0.11	3.4	0.5	0.39
SA5112026	1.7	0.2	0.21	0.5	21.8	0.5	0.25	4.7	316	20	0.05	0.05	0.09	0.25	0.5	0.50
SA5112027	0.8	0.05	0.33	0.5	15	0.5	0.25	2.5	345	19	0.01	0.05	0.09	5.5	0.5	0.57
SA5112028	0.2	0.05	0.05	0.5	18.7	0.5	0.25	0.25	64	20	0.005	0.05	0.02	0.25	0.5	0.52
SA5112029	1.0	0.1	0.14	0.5	18.2	0.5	0.25	1.3	71	12	0.02	0.05	0.09	1.4	0.5	0.47
SA5112030	0.2	0.05	0.06	0.5	21.6	0.5	0.25	1.8	110	16	0.02	0.05	0.04	0.25	0.5	0.47
SA5112031	0.6	0.2	0.10	0.5	22.5	0.5	0.25	1.7	83	12	0.04	0.05	0.04	0.8	0.5	0.59
SA5112032	70.0	0.2	1.94	0.5	102.7	0.5	1.5	0.25	6079	2	0.76	0.3	0.44	28.1	0.5	1.19
SA5112033	6.9	0.05	0.60	0.5	12.12	0.5	0.8	4.2	422	31	0.10	0.2	0.24	12.3	0.5	1.04
SA5112034	2.2	0.05	0.24	0.5	20.3	0.5	1.2	0.25	439	18	0.05	0.05	0.08	0.6	0.5	0.52
SA5112035	0.6	0.1	0.11	0.5	12.7	0.5	0.25	1.5	69	12	0.02	0.05	0.04	1.2	0.5	0.39
SA5112036	3.0	0.05	0.33	0.5	8.58	0.5	0.5	1.4	50	29	0.08	0.05	0.11	2.7	0.5	0.79
SA5112037	1.8	0.05	0.08	0.5	17.4	0.5	0.6	1.6	88	12	0.01	0.05	0.04	1.4	0.5	0.44
SA5112038	18.0	0.3	0.90	0.5	12.6	0.5	0.7	3.4	45	41	0.13	0.2	0.25	1.2	0.5	1.06
SA5112039	23.8	0.2	1.06	0.5	14.6	0.5	1.2	2.0	307	42	0.13	0.2	0.27	4.2	3	1.13
SA5112040	2.3	0.05	0.18	0.5	9.86	0.5	0.7	3.2	90	17	0.02	0.1	0.10	11.4	0.5	0.64
SA5112041	1.8	0.05	0.08	0.5	15.2	0.5	0.25	10.4	108	19	0.02	0.05	0.03	0.25	0.5	0.36
SA5112042	0.7	0.05	0.05	0.5	12.7	0.5	0.7	2.9	44	15	0.02	0.05	0.02	0.6	0.5	0.37
SA5112043	1.1	0.05	0.10	0.5	13.4	0.5	0.8	1.8	42	14	0.03	0.05	0.05	0.9	0.5	0.46
SA5112044	-9	-9	-9	-9	17.6	-9	-9	-9	-9	17	-9	-9	-9	-9	-9	-9
SA5112045	1.6	0.6	0.25	0.5	19.2	0.5	0.7	5.2	242	15	0.03	0.2	0.12	4.8	0.5	0.57
SA5112046	1.5	0.1	0.17	0.5	17.41	0.5	0.7	4.5	122	13	0.005	0.1	0.07	1.5	0.5	0.46
SA5112047	0.8	0.05	0.14	0.5	19.7	0.5	0.25	1.8	123	22	0.01	0.05	0.07	0.9	0.5	0.37
SA5112048	1.6	0.1	0.09	0.5	17.6	0.5	1.0	2.8	121	14	0.03	0.05	0.04	1.3	2	0.39
SA5112049	0.6	0.2	0.09	0.5	21.4	0.5	0.25	3.8	75	18	0.02	0.2	0.05	1.1	0.5	0.49
SA5112050	0.4	0.05	0.06	0.5	14.1	0.5	0.25	3.9	44	13	0.005	0.05	0.04	0.9	0.5	0.45
SA5112051	0.4	0.05	0.08	0.5	22.3	0.5	0.25	2.7	140	12	0.005	0.05	0.06	1.1	0.5	0.47
SA5112052	8.9	0.05	1.18	0.5	14.06	0.5	0.6	1.3	598	37	0.08	0.2	0.37	7.9	0.5	1.20
SA5112053	0.4	0.05	0.07	0.5	10.12	0.5	0.5	2.8	31	11	0.02	0.3	0.04	1.4	0.5	0.36
SA5112054	1.1	0.05	0.21	0.5	9.17	0.5	0.7	3.4	265	21	0.005	0.3	0.12	6.3	0.5	0.60
SA5112055	0.4	0.1	0.05	0.5	10.45	0.5	0.9	1.2	48	16	0.01	0.05	0.04	0.25	2	0.31
SA5112056	0.5	0.1	0.06	0.5	9.84	0.5	1.7	2.1	24	14	0.02	0.05	0.04	1.3	0.5	0.38
SA5112057	0.6	0.1	0.07	0.5	13.9	0.5	0.6	2.4	55	17	0.02	0.05	0.05	0.6	0.5	0.42
SA5112058	1.3	0.05	0.16	0.5	16.6	0.5	0.5	4.2	157	13	0.02	0.1	0.08	2.7	0.5	0.47
SA5112059	9.8	0.05	0.85	0.5	13.3	0.5	0.6	4.1	692	31	0.12	0.05	0.29	8.0	0.5	1.22
SA5112060	0.9	0.05	0.10	0.5	16.3	0.5	0.25	3.8	107	17	0.02	0.05	0.05	1.0	0.5	0.46
SA5112061	0.9	0.05	0.08	0.5	11.5	0.5	0.25	10.2	38	7	0.01	0.05	0.05	0.6	0.5	0.36

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112062	7.6	0.05	0.67	0.5	12.81	0.5	0.25	10.9	511	28	0.12	0.2	0.23	5.5	0.5	1.10
SA5112063	0.5	0.05	0.07	0.5	14.9	0.5	0.7	4.8	77	9	0.005	0.05	0.08	1.3	0.5	0.43
SA5112064	6.7	0.1	0.62	0.5	11.54	0.5	0.8	4.1	367	26	0.09	0.3	0.22	5.5	2	1.15
SA5112065	1.4	0.1	0.13	0.5	21.4	0.5	0.8	4.2	197	12	0.07	0.2	0.11	2.4	0.5	0.52
SA5112066	0.2	0.05	0.07	0.5	14.11	0.5	0.25	4.6	77	13	0.005	0.05	0.06	0.8	0.5	0.33
SA5112067	7.8	0.05	0.52	0.5	11.7	0.5	0.6	4.3	233	25	0.01	0.05	0.22	6.8	0.5	0.77
SA5112068	11.5	0.05	0.64	0.5	14.9	0.5	0.7	12.1	658	30	0.41	0.05	0.33	3.3	0.5	1.04
SA5112069	1.0	0.05	0.13	0.5	15.4	0.5	0.25	4.4	68	17	0.02	0.05	0.08	2.1	0.5	0.49
SA5112070	6.0	0.05	0.63	0.5	9.19	0.5	0.25	2.8	628	23	0.04	0.05	0.25	6.5	0.5	0.76
SA5112071	1.5	0.05	0.07	0.5	15.9	0.5	0.25	4.0	39	21	0.02	0.05	0.05	1.7	0.5	0.39
SA5112072	2.0	0.05	0.15	0.5	20.4	0.5	1.2	2.6	187	22	0.06	0.05	0.11	2.4	0.5	0.48
SA5112073	9.2	0.1	0.80	0.5	10	0.5	0.9	0.9	525	34	0.03	0.2	0.30	13.5	2	0.71
SA5112074	2.4	0.05	0.35	0.5	9.68	0.5	0.5	0.25	1024	19	0.06	0.05	0.19	9.9	0.5	0.60
SA5112075	1.7	0.05	0.09	0.5	19	0.5	0.25	1.0	118	24	0.005	0.05	0.05	1.2	0.5	0.44
SA5112076	2.7	0.05	0.08	0.5	16.44	0.5	0.9	2.3	369	16	0.03	0.1	0.03	1.1	0.5	0.42
SA5112077	6.7	0.05	0.59	0.5	10.4	0.5	0.6	3.4	348	30	0.16	0.05	0.34	5.8	0.5	0.85
SA5112078	11.1	0.05	0.90	0.5	11.3	0.5	0.25	1.6	317	42	0.08	0.05	0.30	3.8	0.5	0.82
SA5112079	5.4	0.05	0.26	0.5	10.7	0.5	0.25	3.3	192	24	0.06	0.05	0.14	5.6	0.5	0.44
SA5112080	0.7	0.05	0.11	0.5	16.7	0.5	0.25	6.2	135	22	0.005	0.05	0.07	2.5	0.5	0.39
SA5112081	0.8	0.05	0.11	0.5	19.4	0.5	0.25	8.5	117	15	0.01	0.05	0.05	1.0	0.5	0.34
SA5112082	0.4	0.05	0.07	0.5	12.95	0.5	0.6	5.6	39	18	0.02	0.05	0.04	0.8	1	0.28
SA5112083	0.2	0.05	0.08	0.5	9.03	0.5	1.0	2.6	37	15	0.01	0.05	0.02	0.7	0.5	0.33
SA5112084	1.9	0.05	0.09	0.5	15.71	0.5	0.25	3.8	61	16	0.005	0.05	0.05	0.6	0.5	0.32
SA5112085	0.6	0.05	0.10	0.5	14.3	0.5	0.25	3.9	99	14	0.005	0.05	0.05	0.25	0.5	0.36
SA5112086	0.4	0.05	0.10	0.5	18.4	0.5	0.25	4.0	294	18	0.01	0.05	0.08	2.5	0.5	0.31
SA5112087	0.6	0.05	0.10	0.5	16.7	0.5	0.6	4.9	132	6	0.005	0.05	0.05	0.8	0.5	0.35
SA5112088	0.3	0.05	0.07	0.5	20	0.5	0.25	4.2	106	13	0.005	0.05	0.04	0.7	0.5	0.44
SA5112089	2.1	0.05	0.09	0.5	20.4	0.5	0.25	4.5	140	15	0.02	0.05	0.06	2.6	0.5	0.44
SA5112090	0.1	0.05	0.07	0.5	16.14	0.5	0.25	4.1	63	1	0.02	0.05	0.04	1.4	0.5	0.38
SA5112091	1.2	0.1	0.13	0.5	11.42	0.5	0.9	5.5	286	14	0.005	0.2	0.09	5.5	4	0.44
SA5112092	1.6	0.05	0.20	0.5	12.16	0.5	0.5	6.4	290	15	0.01	0.2	0.09	2.3	1	0.48
SA5112093	7.4	0.05	0.49	0.5	9.6	0.5	0.25	6.8	287	21	0.05	0.2	0.18	5.0	1	0.81
SA5112094	0.7	0.05	0.10	0.5	16.8	0.5	0.6	6.3	150	17	0.005	0.05	0.07	1.7	0.5	0.36
SA5112095	4.5	0.05	0.50	0.5	26.6	0.5	0.6	5.9	547	29	0.10	0.3	0.40	4.7	0.5	2.38
SA5112096	5.8	0.05	0.61	0.5	21	0.5	0.6	5.6	451	28	0.15	0.2	0.33	6.6	0.5	1.57
SA5112097	10.8	0.05	0.70	0.5	22.1	0.5	0.8	5.1	758	40	0.14	0.6	0.56	11.9	0.5	2.42
SA5112098	7.3	0.05	0.71	0.5	19.44	0.5	0.7	5.1	529	30	0.02	0.4	0.30	11.4	0.5	1.52
SA5112099	5.8	0.05	0.57	0.5	15.07	0.5	0.25	3.7	341	23	0.19	0.2	0.26	11.7	0.5	1.46
SA5112100	0.7	0.1	0.10	0.5	8.79	0.5	0.9	4.6	46	18	0.03	0.1	0.03	0.8	3	0.31
SA5112101	0.5	0.05	0.07	0.5	10.04	0.5	0.7	4.6	24	14	0.02	0.05	0.04	1.0	1	0.58
SA5112102	7.7	0.05	0.70	0.5	17.26	0.5	0.8	5.8	352	30	0.20	0.4	0.40	13.0	0.5	1.61
SA5112103	0.3	0.05	0.08	0.5	11.57	0.5	0.6	5.9	12	10	0.05	0.05	0.08	1.2	0.5	0.63
SA5112104	6.0	0.05	0.72	0.5	19.8	0.5	0.6	7.3	412	26	0.14	0.4	0.33	5.3	0.5	1.42
SA5112105	5.9	0.05	0.67	0.5	16.4	0.5	0.5	7.7	331	25	0.06	0.4	0.27	7.0	0.5	1.40
SA5112106	10.3	0.05	0.69	0.5	20.6	0.5	0.7	7.2	342	35	0.18	0.3	0.34	8.2	0.5	1.57
SA5112107	5.3	0.05	0.58	0.5	15.91	0.5	0.25	5.8	225	31	0.25	0.3	0.27	6.7	0.5	1.38
SA5112108	9.0	0.05	0.64	0.5	19.4	0.5	0.6	6.9	336	24	0.14	0.2	0.33	4.8	0.5	1.43
SA5112109	8.3	0.05	0.78	0.5	19.7	0.5	1.0	7.4	382	35	0.45	0.2	0.40	14.8	3	1.49
SA5112110	5.5	0.05	0.72	0.5	20.5	0.5	0.6	6.6	402	23	0.09	0.3	0.32	4.9	1	1.27
SA5112111	0.2	0.05	0.05	0.5	15.6	0.5	0.25	6.8	40	15	0.01	0.1	0.04	0.25	0.5	0.50
SA5112112	6.1	0.05	0.64	0.5	16.9	0.5	0.7	6.3	253	31	0.35	0.2	0.32	7.6	0.5	1.28
SA5112113	10.1	0.05	0.66	0.5	17.58	0.5	1.1	10.1	315	25	0.17	0.3	0.38	7.6	0.5	1.39
SA5112114	5.2	0.05	0.66	0.5	15.03	0.5	0.6	8.0	172	24	0.15	0.3	0.29	5.2	0.5	1.22
SA5112115	3.6	0.05	0.55	0.5	13.66	0.5	0.5	8.2	128	26	0.10	0.2	0.24	7.5	0.5	1.07
SA5112116	6.5	0.05	0.63	0.5	21.3	0.5	0.9	8.7	463	16	0.12	0.2	0.33	6.3	0.5	1.30
SA5112117	0.05	0.05	0.01	0.5	11.9	0.5	0.25	0.25	40	12	0.005	0.05	0.01	0.25	0.5	0.34
SA5112118	4.9	0.1	0.56	0.5	17.5	0.5	1.0	8.0	355	24	0.07	0.3	0.23	7.4	3	1.09

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112119	0.8	0.05	0.08	0.5	11.21	0.5	0.6	7.1	53	13	0.06	0.1	0.04	0.9	1	0.40
SA5112120	4.5	0.05	0.54	0.5	17.3	0.5	0.7	6.0	375	21	0.05	0.2	0.25	8.0	0.5	1.13
SA5112121	4.3	0.05	0.49	0.5	22.1	0.5	0.6	6.7	575	18	0.05	0.2	0.23	8.1	0.5	1.18
SA5112122	4.4	0.05	0.51	0.5	17.08	0.5	0.6	6.2	434	15	0.06	0.3	0.22	5.9	0.5	1.04
SA5112123	2.0	0.05	0.56	0.5	18.43	0.5	0.6	7.3	117	4	0.10	0.1	0.21	0.6	0.5	1.38
SA5112124	4.5	0.05	1.26	0.5	19.8	0.5	1.2	7.5	318	22	0.09	0.4	0.42	6.4	0.5	1.98
SA5112125	3.9	0.05	0.95	0.5	18	0.5	0.6	5.3	131	19	0.09	0.2	0.38	6.8	0.5	1.85
SA5112126	4.3	0.05	1.21	0.5	18.8	0.5	0.8	3.5	228	30	0.14	0.3	0.39	7.2	0.5	1.86
SA5112127	2.6	0.2	0.64	0.5	14.3	0.5	1.0	0.25	56	30	0.08	0.2	0.39	1.3	3	1.36
SA5112128	3.4	0.05	0.52	0.5	15.3	0.5	0.7	0.25	188	53	0.04	0.3	0.28	5.4	1	1.34
SA5112129	4.4	0.05	0.68	0.5	19.9	0.5	0.7	0.25	404	54	0.11	0.3	0.30	7.0	0.5	1.61
SA5112130	8.3	0.05	0.89	0.5	18	0.5	0.8	0.25	397	48	0.04	0.4	0.42	8.2	0.5	1.59
SA5112131	0.4	0.05	0.08	0.5	16.1	0.5	0.25	0.25	40	17	0.005	0.2	0.12	1.6	0.5	0.87
SA5112132	3.0	0.05	0.49	0.5	17.2	0.5	0.25	0.25	276	37	0.13	0.2	0.25	6.8	0.5	1.32
SA5112133	0.7	0.05	0.14	0.5	15.5	0.5	0.25	0.25	134	17	0.02	0.05	0.10	1.0	0.5	0.83
SA5112134	0.2	0.05	0.07	0.5	13.43	0.5	0.5	0.6	36	7	0.01	0.2	0.08	1.9	0.5	0.75
SA5112135	6.4	0.05	0.52	0.5	17	0.5	0.25	0.25	188	39	0.06	0.2	0.28	8.1	0.5	1.51
SA5112136	0.05	0.05	0.06	0.5	11.82	0.5	1.0	0.8	18	14	0.06	0.05	0.08	1.1	3	0.72
SA5112137	1.5	0.05	0.11	0.5	26.3	0.5	0.8	0.25	98	12	0.29	0.1	0.14	2.3	1	0.80
SA5112138	6.0	0.05	0.84	0.5	22.9	0.5	0.8	0.25	361	11	0.16	0.2	0.46	4.8	0.5	1.92
SA5112139	7.8	0.05	0.69	0.5	18.7	0.5	0.6	0.25	132	45	0.12	0.3	0.41	8.2	0.5	1.85
SA5112140	0.1	0.05	0.15	0.5	11.77	0.5	0.25	0.25	17	10	0.01	0.05	0.09	1.3	0.5	0.73
SA5112141	3.6	0.1	0.44	0.5	18.8	0.5	1.2	0.25	2213	51	0.51	0.2	0.28	6.7	0.5	0.97
SA5112142	5.7	0.05	0.59	0.5	17.5	0.5	0.25	0.25	163	40	0.11	0.3	0.33	8.6	0.5	1.64
SA5112143	7.6	1.0	0.41	0.5	16.9	0.5	0.25	0.25	289	43	0.08	0.1	0.22	5.5	0.5	1.23
SA5112144	3.9	0.05	0.50	0.5	16.3	0.5	0.25	0.25	117	33	0.08	0.2	0.32	8.0	0.5	1.57
SA5112145	4.1	0.1	0.71	0.5	21.5	0.5	1.1	2.0	458	44	0.02	0.4	0.38	10.4	3	1.51
SA5112146	2.4	0.05	0.33	0.5	17.8	0.5	0.25	1.0	279	38	0.05	0.2	0.20	3.8	1	1.14
SA5112147	16.1	0.05	0.69	0.5	24.5	0.5	0.6	1.5	710	59	0.16	0.3	0.46	9.3	0.5	1.99
SA5112148	15.2	0.05	1.01	0.5	13.4	0.5	0.25	0.25	271	30	0.07	0.2	0.27	3.7	0.5	0.93
SA5112149	0.05	0.05	0.82	0.5	14	0.5	0.25	0.25	726	25	0.04	0.05	0.26	8.5	0.5	0.95
SA5112150	0.4	0.05	0.12	0.5	13	0.5	0.6	0.25	57	12	0.005	0.05	0.04	1.4	0.5	0.31
SA5112151	1.0	0.05	0.18	0.5	18.89	0.5	0.25	0.25	355	17	0.005	0.1	0.10	3.6	0.5	0.54
SA5112152	1.0	0.05	0.16	0.5	10.97	0.5	0.25	0.25	65	12	0.01	0.05	0.05	2.4	0.5	0.26
SA5112153	1.8	0.05	0.19	0.5	19.8	0.5	0.25	0.25	129	3	0.005	0.1	0.08	1.1	0.5	0.24
SA5112154	3.6	0.05	0.26	0.5	20.1	0.5	0.9	0.25	112	8	0.02	0.05	0.10	2.4	3	0.25
SA5112155	2.5	0.05	0.18	0.5	16.59	0.5	0.6	0.25	72	11	0.01	0.05	0.07	2.6	1	0.25
SA5112156	13.3	0.05	0.90	0.5	12.9	0.5	0.25	0.25	499	18	0.03	0.05	0.31	12.3	0.5	0.74
SA5112157	0.9	0.05	0.11	0.5	15.44	0.5	0.6	1.9	369	12	0.005	0.05	0.08	2.1	0.5	0.27
SA5112158	35.5	0.05	1.18	0.5	12.5	0.5	0.25	0.7	1166	56	0.03	0.1	0.50	15.3	0.5	0.47
SA5112159	6.0	0.05	0.22	0.5	21.2	0.5	0.25	2.3	264	7	0.005	0.1	0.10	3.1	0.5	0.14
SA5112160	0.9	0.05	0.11	0.5	11.9	0.5	0.25	0.25	55	19	0.01	0.05	0.05	1.9	0.5	0.19
SA5112161	15.0	0.05	0.99	0.5	13.1	0.5	0.25	0.25	717	24	0.05	0.3	0.32	11.4	0.5	0.63
SA5112162	1.6	0.05	0.19	0.5	13.25	0.5	0.25	0.7	367	25	0.01	0.1	0.13	3.9	0.5	0.32
SA5112163	0.6	0.05	0.14	0.5	16.04	0.5	0.7	5.2	70	22	0.02	0.05	0.05	1.8	3	0.23
SA5112164	1.6	0.05	0.12	0.5	14.05	0.5	0.25	0.25	107	20	0.02	0.05	0.07	2.0	1	0.24
SA5112165	17.7	0.05	0.84	0.5	10.52	0.5	0.25	0.25	617	25	0.05	0.2	0.30	13.8	0.5	0.72
SA5112166	7.9	0.05	0.74	0.5	9.85	0.5	0.25	0.25	803	32	0.05	0.1	0.24	8.4	0.5	0.71
SA5112167	3.0	0.05	0.32	0.5	11.61	0.5	0.25	0.25	296	29	0.01	0.05	0.12	4.0	0.5	0.46
SA5112168	3.8	0.4	0.17	0.5	11.2	0.5	1.3	1.2	328	20	0.04	0.6	0.10	3.9	0.5	0.41
SA5112169	10.2	0.05	0.58	0.5	8.48	0.5	0.25	0.25	544	12	0.06	0.1	0.16	7.7	0.5	0.57
SA5112170	12.1	0.05	0.70	0.5	12.3	0.5	0.25	1.5	827	27	0.04	0.2	0.25	15.6	0.5	0.76
SA5112171	1.8	0.05	0.18	0.5	19.51	0.5	0.25	1.2	246	19	0.005	0.05	0.09	0.25	0.5	0.38
SA5112172	18.3	0.05	0.94	0.5	9.28	0.5	0.25	0.25	918	25	0.04	0.05	0.22	13.6	0.5	0.48
SA5112173	1.1	0.05	0.18	0.5	19.25	0.5	0.25	1.4	263	21	0.005	0.05	0.09	0.25	0.5	0.37
SA5112174	11.4	0.05	0.93	0.5	11.22	0.5	0.25	1.9	119	36	0.26	0.4	0.31	2.9	0.5	1.51
SA5112175	6.2	0.05	0.32	0.5	9.1	0.5	0.25	0.25	633	16	0.05	0.05	0.13	9.1	0.5	0.45

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112176	3.2	0.05	0.28	0.5	8.29	0.5	0.25	12.2	421	21	0.01	0.1	0.09	4.1	2	0.43
SA5112177	6.1	0.05	0.40	0.5	7.73	0.5	0.25	2.9	509	21	0.01	0.05	0.13	8.8	0.5	0.49
SA5112178	1.7	0.05	0.12	0.5	12.15	0.5	0.25	3.7	73	18	0.09	0.05	0.04	1.4	0.5	0.53
SA5112179	8.8	0.05	0.68	0.5	8.41	0.5	0.25	3.7	482	25	0.07	0.05	0.17	3.5	0.5	0.62
SA5112180	3.7	0.05	0.34	0.5	11.29	0.5	0.25	4.2	708	21	0.005	0.1	0.12	8.4	0.5	0.32
SA5112181	0.9	0.05	0.11	0.5	19.4	0.5	0.25	5.2	191	9	0.005	0.1	0.07	1.3	0.5	0.48
SA5112182	1.1	0.05	0.13	0.5	14.56	0.5	0.25	6.8	121	16	0.005	0.05	0.04	1.0	0.5	0.32
SA5112183	5.7	0.05	0.85	0.5	8.39	0.5	0.25	6.1	608	25	0.13	0.05	0.17	6.4	0.5	0.66
SA5112184	3.5	0.05	0.71	0.5	7.1	0.5	0.25	9.7	394	19	0.06	0.05	0.14	3.7	0.5	0.55
SA5112185	2.1	0.05	0.39	0.5	17.1	0.5	0.25	11.2	172	13	0.10	0.05	0.08	1.3	2	0.59
SA5112186	4.0	0.1	0.36	0.5	10.9	0.5	0.25	9.9	940	21	0.02	0.05	0.09	5.1	0.5	0.41
SA5112187	2.6	0.05	0.27	0.5	8.22	0.5	0.25	14.8	431	21	0.03	0.2	0.07	4.3	0.5	0.44
SA5112188	1.5	0.05	0.33	0.5	14.7	0.5	0.25	9.3	154	10	0.06	0.05	0.07	2.5	0.5	0.33
SA5112189	1.0	0.05	0.09	0.5	19.8	0.5	0.25	8.6	115	14	0.01	0.05	0.04	0.8	0.5	0.37
SA5112190	5.9	0.05	0.42	0.5	9.12	0.5	0.25	8.6	450	28	0.01	0.05	0.16	6.2	0.5	0.72
SA5112191	0.4	0.05	0.10	0.5	13.33	0.5	0.25	11.0	29	23	0.01	0.05	0.01	0.25	0.5	0.51
SA5112192	12.5	0.05	1.03	0.5	11.9	0.5	0.25	6.0	66	45	0.11	0.1	0.21	1.5	0.5	0.90
SA5112193	2.6	0.05	0.26	0.5	8.2	0.5	0.25	7.0	418	21	0.02	0.05	0.10	4.2	0.5	0.61
SA5112194	5.7	0.05	0.58	0.5	10.7	0.5	0.25	7.4	256	34	0.03	0.05	0.23	8.8	2	0.85
SA5112195	5.0	0.05	0.52	0.5	11.4	0.5	0.25	6.8	460	31	0.07	0.05	0.19	10.9	0.5	0.89
SA5112196	2.7	0.05	0.39	0.5	8.86	0.5	0.25	8.7	70	32	0.06	0.05	0.12	4.5	0.5	0.74
SA5112197	19.6	0.05	1.13	0.5	14.2	0.5	0.25	9.9	148	40	0.11	0.2	0.23	2.7	0.5	0.99
SA5112198	6.2	0.1	0.49	0.5	8.84	0.5	0.25	11.6	76	49	0.03	0.1	0.14	4.5	0.5	0.81
SA5112199	6.9	0.1	0.77	0.5	11.58	0.5	0.25	7.2	164	42	0.11	0.2	0.22	9.1	0.5	0.93
SA5112200	3.8	0.05	0.65	0.5	7.96	0.5	0.25	7.8	494	29	0.04	0.3	0.13	4.1	0.5	0.53
SA5112201	4.5	0.05	0.50	0.5	9.82	0.5	0.25	6.9	102	36	0.07	0.2	0.16	3.5	0.5	0.80
SA5112202	4.3	0.05	0.33	0.5	12.46	0.5	0.25	6.8	224	34	0.10	0.1	0.13	3.3	0.5	1.02
SA5112203	6.0	0.05	0.70	0.5	11.88	0.5	0.7	6.3	132	43	0.13	0.2	0.24	6.7	2	0.99
SA5112204	1.1	0.05	0.10	0.5	13.29	0.5	0.25	6.2	98	17	0.01	0.05	0.06	2.0	0.5	0.39
SA5112205	6.7	0.05	0.61	0.5	10.93	0.5	0.25	4.9	269	30	0.09	0.2	0.22	15.9	0.5	0.95
SA5112206	6.2	0.05	0.46	0.5	12.8	0.5	0.25	5.5	232	28	0.07	0.1	0.20	6.7	0.5	0.97
SA5112207	5.8	0.05	0.66	0.5	17.52	0.5	0.25	7.4	332	40	0.12	0.3	0.29	15.4	0.5	1.60
SA5112208	4.4	0.05	0.61	0.5	14.19	0.5	0.25	7.5	153	44	0.12	0.2	0.30	8.8	0.5	1.33
SA5112209	3.3	0.05	0.30	0.5	18.45	0.5	0.25	7.1	341	24	0.03	0.2	0.20	5.0	0.5	1.27
SA5112210	1.3	0.05	0.23	0.5	9.31	0.5	0.25	6.4	240	35	0.005	0.05	0.07	4.0	0.5	0.34
SA5112211	7.1	0.05	0.75	0.5	9.8	0.5	0.25	5.4	431	21	0.08	0.05	0.21	6.1	0.5	0.69
SA5112212	1.9	0.05	0.18	0.5	16.53	0.5	0.7	5.8	174	26	0.02	0.05	0.05	1.6	2	0.33
SA5112213	1.2	0.05	0.17	0.5	19.57	0.5	0.25	6.0	90	21	0.01	0.1	0.04	1.1	0.5	0.37
SA5112214	1.4	0.05	0.15	0.5	19.76	0.5	0.25	5.4	93	16	0.01	0.3	0.04	1.0	0.5	0.36
SA5112215	0.2	0.05	0.10	0.5	13.61	0.5	0.25	6.8	45	12	0.005	0.05	0.01	1.1	0.5	0.25
SA5112216	0.4	0.05	0.12	0.5	14.56	0.5	0.25	5.5	89	18	0.005	0.05	0.01	1.0	0.5	0.21
SA5112217	1.3	0.05	0.15	0.5	19.33	0.5	0.25	7.3	150	20	0.02	0.05	0.04	0.7	0.5	0.21
SA5112218	6.0	0.05	0.27	0.5	12.56	0.5	0.25	9.8	338	19	0.04	0.05	0.06	2.1	0.5	0.34
SA5112219	1.6	0.1	0.15	0.5	14.1	0.5	0.25	9.1	139	15	0.005	0.1	0.03	1.3	0.5	0.28
SA5112220	3.5	0.05	0.69	0.5	12.3	0.5	0.25	7.1	541	25	0.04	0.2	0.13	5.6	0.5	0.51
SA5112221	5.1	0.1	0.82	0.5	8.76	0.5	0.7	7.6	958	24	0.04	0.2	0.17	9.6	2	0.53
SA5112222	0.4	0.05	0.12	0.5	10.63	0.5	0.25	5.4	88	14	0.005	0.1	0.03	1.2	0.5	0.35
SA5112223	0.6	0.05	0.25	0.5	13.71	0.5	0.25	0.25	195	29	0.08	0.1	0.17	1.6	0.5	0.70
SA5112224	1.6	0.05	0.14	0.5	12.35	0.5	0.25	6.4	75	1	0.005	0.05	0.02	1.6	0.5	0.35
SA5112225	3.8	0.05	0.54	0.5	8.55	0.5	0.25	6.5	309	27	0.05	0.2	0.12	5.9	0.5	0.55
SA5112226	2.9	0.05	0.64	0.5	7.77	0.5	0.25	5.4	596	26	0.01	0.1	0.10	12.7	0.5	0.28
SA5112227	0.6	0.05	0.18	0.5	10.14	0.5	0.25	5.1	55	22	0.01	0.05	0.05	1.1	0.5	0.45
SA5112228	3.9	0.05	0.66	0.5	9.26	0.5	0.25	5.0	88	34	0.16	0.05	0.20	2.3	0.5	0.69
SA5112229	0.7	0.05	0.12	0.5	11.57	0.5	0.25	5.1	67	18	0.01	0.05	0.03	0.6	0.5	0.25
SA5112230	3.5	0.05	0.75	0.5	11.7	0.5	0.7	0.25	189	37	0.05	0.05	*0.30*	5.8	2	0.85
SA5112231	2.3	0.05	0.45	0.5	7.64	0.5	0.25	0.25	100	31	0.11	0.1	0.14	4.1	0.5	0.67
SA5112232	3.9	0.05	0.77	0.5	9.23	0.5	0.25	0.25	44	48	0.08	0.05	0.22	3.7	0.5	0.73

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112233	0.6	0.05	0.13	0.5	9.07	0.5	0.25	0.25	49	18	0.01	0.05	0.03	1.3	0.5	0.30
SA5112234	1.2	0.05	0.22	0.5	10	0.5	0.25	0.25	75	17	0.03	0.05	0.04	1.6	0.5	0.42
SA5112235	1.1	0.05	0.17	0.5	9.16	0.5	0.25	0.7	51	12	0.04	0.05	0.03	1.2	0.5	0.32
SA5112236	4.0	0.05	0.51	0.5	12.56	0.5	0.25	0.6	84	35	0.05	0.2	0.20	2.5	0.5	0.84
SA5112237	8.4	0.05	1.54	0.5	14.31	0.5	0.25	0.25	127	61	0.15	0.05	0.45	3.9	0.5	0.95
SA5112238	10.5	0.05	0.87	0.5	14.37	0.5	0.25	1.5	243	51	0.17	0.2	0.33	11.4	0.5	0.94
SA5112239	1.4	0.05	0.16	0.5	19.9	0.5	0.25	2.2	85	13	0.01	0.05	0.06	1.2	2	0.33
SA5112240	9.0	0.05	0.80	0.5	12.83	0.5	0.25	0.7	356	47	0.08	0.2	0.33	3.7	0.5	0.95
SA5112241	12.3	0.05	1.31	0.5	15.84	0.5	0.25	2.3	493	80	0.04	0.1	0.36	10.7	0.5	1.04
SA5112242	6.7	0.05	0.43	0.5	13.5	0.5	0.25	1.7	174	27	0.07	0.1	0.21	5.6	0.5	0.82
SA5112243	18.1	0.05	0.81	0.5	18.9	0.5	0.25	1.0	603	35	0.09	0.1	0.29	9.1	0.5	1.05
SA5112244	11.8	0.05	0.92	0.5	15.45	0.5	0.25	0.8	529	81	0.11	0.2	*0.35*	8.5	0.5	1.10
SA5112245	13.2	0.05	1.31	0.5	16.32	0.5	0.25	0.25	473	25	0.03	0.2	0.36	11.9	0.5	1.02
SA5112246	0.9	0.05	0.10	0.5	13.4	0.5	0.25	0.25	111	25	0.005	0.05	0.06	1.8	0.5	0.34
SA5112247	4.6	0.05	0.30	0.5	13.3	0.5	0.25	0.5	119	23	0.09	0.1	0.15	2.4	0.5	0.87
SA5112248	1.1	0.05	0.08	0.5	9.35	0.5	0.5	1.9	21	12	0.03	0.05	*0.03*	1.0	2	0.21
SA5112249	3.6	0.05	0.20	0.5	12.63	0.5	0.25	1.0	55	24	0.03	0.05	0.13	1.3	0.5	0.76
SA5112250	10.3	0.05	0.56	0.5	12.15	0.5	0.25	1.9	190	25	0.10	0.2	0.23	8.1	0.5	0.94
SA5112251	8.2	0.05	0.79	0.5	14.67	0.5	0.25	4.5	249	33	0.10	4.3	0.26	7.4	0.5	1.05
SA5112252	8.2	0.05	0.75	0.5	15.71	0.5	0.25	0.8	375	31	0.10	0.4	0.25	7.3	0.5	1.09
SA5112253	8.5	0.05	0.70	0.5	15.08	0.5	0.25	1.7	345	33	0.08	0.4	0.26	7.0	0.5	1.07
SA5112254	8.0	0.05	0.95	0.5	14.21	0.5	0.25	0.25	192	43	0.11	0.05	0.21	6.4	0.5	0.91
SA5112255	6.3	0.05	0.56	0.5	17.86	0.5	0.25	1.0	675	27	0.03	0.2	0.28	9.3	0.5	1.10
SA5112256	7.5	0.05	0.82	0.5	15.07	0.5	0.25	1.2	228	45	0.11	0.3	0.36	7.7	0.5	1.13
SA5112257	6.3	0.05	0.74	0.5	13.01	0.5	0.25	2.5	173	40	0.09	0.2	0.27	10.4	0.5	1.02
SA5112258	5.1	0.05	0.36	0.5	13.81	0.5	0.25	5.4	71	19	0.26	0.2	0.22	0.7	0.5	0.81
SA5112259	7.0	0.05	0.64	0.5	11.41	0.5	0.25	6.6	217	32	0.06	0.2	0.22	15.0	0.5	0.91
SA5112260	2.7	0.05	0.27	0.5	9.74	0.5	0.25	5.7	113	25	0.06	0.2	0.16	5.9	0.5	0.79
SA5112261	6.0	0.05	0.41	0.5	12.14	0.5	0.25	6.5	248	23	0.03	0.2	0.19	7.3	1	0.89
SA5112262	5.4	0.05	0.39	0.5	18.2	0.5	0.25	6.9	479	19	0.04	0.3	0.17	7.2	0.5	0.87
SA5112263	8.5	0.05	0.53	0.5	15.75	0.5	0.25	6.4	312	26	0.01	0.3	0.22	6.7	0.5	0.97
SA5112264	1.9	0.05	0.19	0.5	16.42	0.5	0.25	7.5	334	17	0.005	0.2	0.11	1.9	0.5	0.58
SA5112265	4.9	0.05	0.52	0.5	11.53	0.5	0.25	6.7	206	26	0.02	0.2	0.14	8.2	0.5	0.74
SA5112266	1.1	0.05	0.16	0.5	12.79	0.5	0.25	6.9	165	13	0.02	0.05	*0.09*	1.9	0.5	0.57
SA5112267	0.7	0.05	0.10	0.5	12.66	0.5	0.25	7.4	32	12	0.02	0.5	0.04	1.4	0.5	0.42
SA5112268	4.3	0.05	0.64	0.5	12.13	0.5	0.25	11.5	170	18	0.07	0.5	0.22	9.0	0.5	0.88
SA5112269	8.4	0.05	0.57	0.5	22	0.5	0.25	6.8	560	35	0.02	0.2	0.22	6.4	0.5	0.95
SA5112270	3.1	0.05	0.38	0.5	10.68	0.5	0.25	6.9	118	24	0.05	0.1	0.15	9.1	1	0.79
SA5112271	3.3	0.05	0.44	0.5	11.24	0.5	0.25	8.3	211	21	0.02	0.3	0.16	7.1	0.5	0.74
SA5112272	2.0	0.05	0.13	0.5	17.3	0.5	0.25	11.9	137	13	0.005	1.0	0.08	1.0	0.5	0.55
SA5112273	10.1	0.05	0.65	0.5	23.1	0.5	0.25	8.6	596	19	0.03	0.8	0.25	8.8	0.5	1.03
SA5112274	0.5	0.05	0.09	0.5	16	0.5	0.25	8.1	55	11	0.005	0.1	0.03	1.1	0.5	0.31
SA5112275	2.5	0.05	0.73	0.5	11.04	0.5	0.25	8.5	376	16	0.15	0.05	0.22	4.2	0.5	0.64
SA5112276	5.7	0.05	1.49	0.5	16	0.5	0.25	7.5	336	45	0.07	0.4	0.38	6.1	0.5	0.88
SA5112277	0.3	0.05	0.13	0.5	20.3	0.5	0.25	7.5	106	14	0.005	0.05	0.05	1.9	0.5	0.41
SA5112278	3.3	0.05	0.83	0.5	11.9	0.5	0.25	6.7	221	26	0.07	0.05	0.30	3.6	0.5	0.83
SA5112279	8.6	0.05	0.54	0.5	15.6	0.5	0.25	7.1	313	22	0.02	0.3	0.23	6.8	0.5	0.96
SA5112280	5.4	0.05	1.10	0.5	16.3	0.5	0.25	5.9	698	23	0.06	0.2	0.37	4.7	0.5	0.82
SA5112281	1.2	0.05	0.20	0.5	11.5	0.5	0.25	6.5	66	12	0.02	0.05	0.05	3.0	0.5	0.29
SA5112282	7.5	0.05	1.04	0.5	13.6	0.5	0.25	4.6	229	20	0.11	0.05	0.31	7.4	0.5	0.78
SA5112283	5.6	0.05	0.87	0.5	11.8	0.5	0.25	4.3	143	30	0.24	0.1	0.24	2.5	0.5	0.79
SA5112284	6.9	0.05	0.89	0.5	14.9	0.5	0.25	11.7	221	15	0.03	0.2	*0.25*	3.1	0.5	0.94
SA5112285	2.2	0.05	0.70	0.5	14.9	0.5	0.25	2.7	173	1	0.01	0.05	0.19	2.2	0.5	0.58
SA5112286	0.9	0.7	0.14	0.5	9.36	0.5	0.25	0.25	54	3	0.01	0.05	0.03	1.8	0.5	0.18
SA5112287	0.7	0.05	0.15	0.5	15.5	0.5	0.25	0.25	77	12	0.13	0.05	0.05	3.1	0.5	0.51
SA5112288	4.9	0.05	1.22	0.5	15.5	0.5	0.25	1.9	151	14	0.10	0.05	0.45	2.0	0.5	0.98
SA5112289	0.1	0.05	0.11	0.5	8.42	0.5	0.25	1.8	26	3	0.01	0.05	0.02	0.8	0.5	0.23

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112290	17.0	0.05	0.94	0.5	14.1	0.5	0.25	3.0	364	17	0.11	0.05	0.47	4.6	0.5	0.90
SA5112291	8.9	0.05	1.15	0.5	14.7	0.5	0.25	6.5	139	17	0.16	0.2	0.48	5.8	0.5	0.95
SA5112292	0.6	0.05	0.18	0.5	10.3	0.5	0.25	0.25	46	7	0.08	0.05	0.03	1.3	0.5	0.21
SA5112293	9.9	0.05	0.82	0.5	12.5	0.5	0.25	0.25	155	14	0.15	0.05	0.26	2.3	0.5	0.94
SA5112294	7.1	0.05	1.33	0.5	14.89	0.5	0.25	2.5	517	19	0.07	0.05	0.34	7.6	0.5	0.90
SA5112295	5.8	0.05	1.25	0.5	14.5	0.5	1.7	1.5	388	18	0.09	0.2	0.34	5.7	0.5	0.84
SA5112296	7.9	0.05	1.18	0.5	13.8	0.5	1.0	5.0	345	20	0.12	0.2	0.34	8.0	0.5	0.87
SA5112297	8.3	0.05	1.12	0.5	13.5	0.5	0.25	1.2	331	4	0.11	0.05	0.35	8.0	0.5	0.84
SA5112298	0.05	0.05	0.09	0.5	10.7	0.5	0.25	0.25	12	22	0.005	0.9	0.005	1.0	0.5	0.20
SA5112299	8.7	0.05	1.09	0.5	13.6	0.5	0.25	3.7	306	13	0.11	0.1	0.34	9.1	0.5	0.85
SA5112300	2.8	0.05	0.41	0.5	11.33	0.5	0.25	2.6	324	7	0.03	0.05	0.11	6.2	0.5	0.39
SA5112301	1.2	0.05	0.25	0.5	19.9	0.5	0.25	4.2	139	9	0.02	0.05	0.11	1.6	0.5	0.49
SA5112302	1.0	0.05	0.16	0.5	15.6	0.5	0.25	0.25	89	7	0.03	0.05	0.05	1.9	0.5	0.31
SA5112303	0.5	0.05	0.09	0.5	11.5	0.5	0.25	0.25	25	25	0.02	0.05	0.02	1.6	0.5	0.20
SA5112304	5.7	0.05	1.60	0.5	18.8	0.5	0.25	1.5	82	32	0.21	0.05	0.56	1.4	0.5	1.01
SA5112305	12.2	0.05	1.17	0.5	15.1	0.5	0.25	0.25	379	14	0.13	0.1	0.35	10.2	0.5	0.95
SA5112306	11.4	0.05	1.02	0.5	13.3	0.5	0.25	2.2	167	21	0.15	0.05	0.34	3.7	0.5	0.86
SA5112307	0.4	0.05	0.09	0.5	8.46	0.5	0.25	8.6	13	6	0.05	0.05	0.03	1.3	0.5	0.26
SA5112308	8.1	0.05	1.12	0.5	16.1	0.5	0.25	0.25	405	28	0.12	0.1	0.35	6.2	0.5	0.93
SA5112309	0.4	0.05	0.15	0.5	8.33	0.5	0.25	3.1	59	9	0.03	0.05	0.06	1.8	0.5	0.28
SA5112310	5.5	0.05	0.86	0.5	15.3	0.5	0.25	1.6	504	24	0.10	0.1	0.32	8.8	0.5	0.86
SA5112311	0.05	0.05	0.07	0.5	11.3	0.5	0.25	0.25	13	8	0.01	0.05	0.03	1.1	0.5	0.37
SA5112312	0.1	0.05	0.09	0.5	9.2	0.5	0.25	0.25	5	9	0.05	0.05	0.03	1.6	0.5	0.25
SA5112313	4.2	0.05	0.80	0.5	13.1	0.5	0.25	0.25	132	13	0.14	0.2	0.25	7.5	0.5	0.79
SA5112314	4.5	0.05	0.89	0.5	12.6	0.5	0.25	6.6	322	20	0.10	0.05	0.30	11.3	0.5	0.82
SA5112315	4.4	0.05	0.83	0.5	13.7	0.5	0.25	3.1	200	17	0.13	0.05	0.28	7.1	0.5	0.80
SA5112316	4.0	0.05	0.83	0.5	13.13	0.5	0.25	0.25	282	16	0.12	0.1	0.28	8.1	0.5	0.81
SA5112317	0.4	0.05	0.08	0.5	11.3	0.5	0.25	3.5	48	8	0.03	0.05	0.04	1.7	0.5	0.34
SA5112318	9.3	0.05	1.91	0.5	18.8	0.5	0.25	3.9	55	27	0.18	0.1	0.33	3.6	0.5	0.97
SA5112319	19.3	0.05	1.32	0.5	15.6	0.5	0.25	0.9	143	15	0.26	0.05	0.34	3.1	0.5	0.99
SA5112320	0.5	0.05	0.10	0.5	15.3	0.5	0.25	11.8	75	7	0.02	0.05	0.05	1.5	0.5	0.38
SA5112321	0.5	0.05	0.07	0.5	13.19	0.5	0.25	9.1	22	10	0.02	0.05	0.04	0.6	0.5	0.32
SA5112322	1.0	0.05	0.17	0.5	17.54	0.5	0.25	0.25	245	10	0.02	0.1	0.06	2.5	0.5	0.32
SA5112323	16.1	0.05	0.95	0.5	17.41	0.5	0.25	0.25	548	38	0.07	0.1	0.30	8.6	0.5	0.95
SA5112324	24.6	0.05	1.57	0.5	19.4	0.5	0.25	0.25	902	25	0.13	0.2	0.46	16.1	0.5	1.09
SA5112325	0.2	0.05	0.08	0.5	8.56	0.5	0.25	11.1	20	7	0.02	0.05	0.04	1.0	0.5	0.26
SA5112326	1.1	0.05	0.16	0.5	17	0.5	0.25	0.25	207	14	0.02	0.05	0.10	1.6	0.5	0.50
SA5112327	7.9	0.05	0.93	0.5	15.3	0.5	0.25	0.25	523	19	0.06	0.1	0.27	9.3	0.5	0.82
SA5112328	2.9	0.05	0.81	0.5	11.5	0.5	0.25	0.7	126	18	0.09	0.1	0.25	4.2	0.5	0.70
SA5112329	4.2	0.05	0.77	0.5	17.9	0.5	0.25	0.25	423	15	0.08	0.05	0.27	3.4	0.5	0.84
SA5112330	1.2	0.05	0.22	0.5	19.5	0.5	0.25	0.25	261	5	0.03	0.05	0.07	1.6	0.5	0.32
SA5112331	5.1	0.05	0.67	0.5	19.8	0.5	0.25	1.3	407	15	0.07	0.05	0.25	4.9	0.5	0.80
SA5112332	4.7	0.05	0.74	0.5	15.11	0.5	0.25	3.3	236	13	0.14	0.05	0.25	7.9	0.5	0.83
SA5112333	4.6	0.05	0.70	0.5	14.1	0.5	0.25	4.4	298	13	0.08	0.1	0.22	5.8	0.5	0.75
SA5112334	1.7	0.05	0.30	0.5	11.4	0.5	0.25	0.25	150	12	0.05	0.05	0.08	4.0	0.5	0.36
SA5112335	1.1	0.05	0.18	0.5	17.5	0.5	0.25	0.25	208	14	0.02	0.05	0.10	1.7	0.5	0.50
SA5112336	4.7	0.05	0.65	0.5	20.2	0.5	0.25	0.25	415	14	0.03	0.05	0.23	4.1	0.5	0.86
SA5112337	0.3	0.05	0.09	0.5	11.5	0.5	0.25	0.25	85	14	0.01	0.05	0.04	1.1	0.5	0.35
SA5112338	0.05	0.05	0.07	0.5	14.7	0.5	0.25	0.25	18	13	0.02	0.05	0.04	0.8	0.5	0.33
SA5112339	5.0	0.05	0.97	0.5	13.91	0.5	0.25	0.25	319	32	0.12	0.05	0.33	3.9	0.5	0.86
SA5112340	5.2	0.05	1.22	0.5	13.7	0.5	0.25	0.25	186	30	0.10	0.05	0.35	3.4	0.5	0.76
SA5112341	2.2	0.05	0.22	0.5	28.1	0.5	0.25	0.25	121	14	0.02	0.05	0.02	2.4	0.5	0.26
SA5112342	10.7	0.05	1.32	0.5	16.7	0.5	0.25	0.25	385	32	0.11	0.1	0.40	6.6	0.5	0.89
SA5112343	4.9	0.05	0.85	0.5	13.52	0.5	0.25	0.25	247	30	0.10	0.05	0.26	6.0	0.5	0.76
SA5112344	3.3	0.05	1.23	0.5	16.01	0.5	0.25	0.25	445	15	0.06	0.05	0.31	3.5	0.5	0.78
SA5112345	6.3	0.05	1.08	0.5	14.2	0.5	0.25	0.25	336	17	0.18	0.2	0.33	3.9	0.5	0.76
SA5112346	5.0	0.05	1.03	0.5	13.6	0.5	0.25	0.25	279	18	0.20	0.1	0.29	5.2	0.5	0.70

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112347	0.8	0.05	0.22	0.5	10.11	0.5	0.25	0.25	107	14	0.09	0.05	0.11	3.1	0.5	0.47
SA5112348	3.6	0.05	0.71	0.5	11.11	0.5	0.25	0.25	43	21	0.13	0.1	0.25	2.1	0.5	0.73
SA5112349	4.3	0.05	0.74	0.5	15.93	0.5	0.25	0.25	173	17	0.12	0.05	0.21	4.6	0.5	0.72
SA5112350	6.3	0.05	1.42	0.5	15.1	0.5	0.25	0.25	186	34	0.11	0.2	0.31	4.3	0.5	0.72
SA5112351	9.2	0.05	1.37	0.5	15.61	0.5	0.25	0.25	462	16	0.26	0.2	0.39	7.3	0.5	0.80
SA5112352	4.3	0.05	0.70	0.5	12.01	0.5	0.25	1.0	200	31	0.07	0.05	0.19	4.3	0.5	0.61
SA5112353	8.4	0.05	1.05	0.5	46.5	0.5	0.25	4.3	275	30	0.04	0.1	0.28	4.1	0.5	0.78
SA5112354	3.4	0.05	0.48	0.5	17.2	0.5	0.25	2.8	170	21	0.05	0.05	0.15	1.8	0.5	0.72
SA5112355	7.3	0.05	1.54	0.5	15.34	0.5	0.25	2.1	238	48	0.07	0.1	0.30	4.5	0.5	0.80
SA5112356	0.7	0.05	0.18	0.5	18.8	0.5	0.25	2.5	141	14	0.02	0.05	0.09	1.4	0.5	0.38
SA5112357	1.3	0.05	0.20	0.5	12.7	0.5	0.25	0.25	48	21	0.06	0.05	0.06	2.3	0.5	0.35
SA5112358	2.1	0.05	0.24	0.5	17.52	0.5	0.25	0.25	88	24	0.03	0.05	0.07	3.0	0.5	0.29
SA5112359	7.0	0.05	1.52	0.5	14.6	0.5	0.25	0.25	238	37	0.07	0.2	0.30	4.7	0.5	0.80
SA5112360	5.0	0.05	0.91	0.5	12.47	0.5	0.25	2.9	127	25	0.11	0.2	0.26	3.0	0.5	0.78
SA5112361	4.6	0.05	1.16	0.5	13.68	0.5	0.25	2.4	289	44	0.16	0.1	0.26	8.3	0.5	0.80
SA5112362	5.3	0.05	0.94	0.5	25.3	0.5	0.25	3.6	167	38	0.07	0.2	0.31	6.7	0.5	0.96
SA5112363	4.9	0.05	1.83	0.5	24.8	0.5	0.25	0.25	280	36	0.16	0.3	0.55	3.9	4	1.16
SA5112364	5.3	0.05	0.88	0.5	25.8	0.5	3.6	0.25	206	43	0.08	0.2	0.30	6.5	2	0.94
SA5112365	5.4	0.05	0.83	0.5	24.9	0.5	1.0	0.25	349	36	0.06	0.05	0.26	4.1	1	0.84
SA5112366	4.6	0.05	0.82	0.5	21.2	0.5	0.25	4.9	283	40	0.06	0.2	0.29	3.8	0.5	0.89
SA5112367	3.7	0.05	0.70	0.5	20.5	0.5	0.25	0.25	188	27	0.10	0.05	0.22	4.5	0.5	0.73
SA5112368	5.6	0.05	0.91	0.5	28.1	0.5	0.25	4.0	428	29	0.09	0.1	0.28	4.5	0.5	0.85
SA5112369	5.7	0.05	0.84	0.5	25.9	0.5	0.25	0.25	371	43	0.05	0.4	0.26	6.1	0.5	0.84
SA5112370	5.5	0.05	0.81	0.5	20.8	0.5	14.4	-9	68	51	0.11	0.05	0.25	3.5	2	0.74
SA5112371	6.5	0.05	0.68	0.5	24.3	0.5	2.1	0.25	234	28	0.28	0.1	0.24	4.8	1	0.90
SA5112372	0.6	0.05	0.24	0.5	27.1	0.5	0.25	0.8	49	28	0.04	0.05	0.13	1.2	3	0.50
SA5112373	2.8	0.05	0.57	0.5	22.7	0.5	0.8	0.25	171	22	0.08	0.05	0.19	2.2	1	0.62
SA5112374	5.8	0.05	0.83	0.5	22.8	0.5	2.5	0.25	227	30	0.09	0.05	0.26	4.3	1	0.73
SA5112375	3.2	0.05	0.42	0.5	22.4	0.5	0.25	0.9	175	23	0.09	0.05	0.16	2.5	0.5	0.62
SA5112376	2.8	0.05	0.65	0.5	25.7	0.5	2.7	1.3	279	37	0.09	0.05	0.18	2.1	1	0.69
SA5112377	5.7	0.05	0.94	0.5	30.5	0.5	0.25	2.1	519	35	0.05	0.05	0.28	3.6	0.5	0.83
SA5112378	4.4	0.05	0.75	0.5	20.8	0.5	4.4	0.25	233	36	0.14	0.05	0.27	4.7	1	0.82
SA5112379	5.2	0.05	0.77	0.5	24	0.5	4.0	3.0	280	33	0.12	0.05	0.28	2.6	1	0.82
SA5112380	5.6	0.05	0.85	0.5	28.3	0.5	0.25	7.0	245	32	0.14	0.05	0.31	6.6	0.5	0.82
SA5112381	0.7	0.05	0.07	0.5	17.7	0.5	0.25	2.7	15	20	0.08	0.1	0.05	2.8	3	0.32
SA5112382	5.5	0.05	0.81	0.5	29.4	0.5	0.25	0.8	198	33	0.12	0.3	0.27	6.0	1	0.79
SA5112383	0.4	0.05	0.14	0.5	22.6	0.5	0.25	3.6	131	24	0.02	0.05	0.06	1.2	0.5	0.38
SA5112384	1.5	0.05	0.13	0.5	30.3	0.5	0.25	13.3	47	19	0.02	0.1	0.05	1.5	0.5	0.30
SA5112385	5.4	0.05	0.85	0.5	25.5	1	0.25	2.0	367	33	0.09	0.8	0.28	5.9	0.5	0.84
SA5112386	6.8	0.05	0.78	0.5	26	1	0.25	0.25	231	34	0.20	0.8	0.36	5.6	0.5	0.99
SA5112387	5.4	0.05	0.69	0.5	24.8	0.5	0.25	0.25	198	36	0.14	0.1	0.26	5.1	0.5	0.89
SA5112388	10.5	0.05	1.09	0.5	29.3	0.5	0.25	0.25	391	53	0.13	0.4	0.35	8.3	1	0.91
SA5112389	0.3	0.05	0.07	0.5	30.8	0.5	0.25	0.25	45	19	0.01	0.05	0.05	1.5	0.5	0.30
SA5112390	12.1	0.05	1.05	0.5	29.4	0.5	0.25	1.1	303	53	0.13	0.2	0.34	7.4	3	0.93
SA5112391	6.0	0.05	0.85	0.5	21.6	0.5	0.25	1.5	31	48	0.14	0.2	0.26	2.4	1	0.79
SA5112392	4.0	0.05	0.67	0.5	29.2	1	0.25	0.7	338	48	0.08	0.3	0.27	3.7	0.5	1.00
SA5112393	5.9	0.05	0.88	0.5	23.2	0.5	0.25	6.1	27	47	0.14	0.1	0.28	2.3	0.5	0.80
SA5112394	8.3	0.05	0.95	0.5	34.3	0.5	0.25	1.5	368	48	0.03	0.1	0.21	7.7	0.5	0.91
SA5112395	4.5	0.05	0.86	0.5	25.6	0.5	0.25	1.7	128	41	0.15	0.3	0.29	3.6	0.5	0.87
SA5112396	4.0	0.05	1.16	0.5	27.3	0.5	0.25	0.8	215	32	0.13	0.2	0.37	3.8	0.5	0.86
SA5112397	0.4	0.05	0.67	0.5	18.55	1	0.25	0.25	233	20	0.06	0.05	0.16	5.6	0.5	0.45
SA5112398	5.9	0.05	1.15	0.5	32.6	0.5	0.25	1.8	406	45	0.13	0.2	0.40	4.8	0.5	1.10
SA5112399	5.4	0.05	1.05	0.5	32.9	0.5	0.25	1.7	470	34	0.08	0.2	0.36	4.0	3	1.06
SA5112400	4.1	0.05	1.17	0.5	28.2	0.5	0.25	3.5	179	29	0.15	0.2	0.43	1.8	0.5	1.07
SA5112401	6.1	0.05	0.90	0.5	29	0.5	0.25	2.8	176	42	0.14	0.3	0.40	7.4	0.5	1.07
SA5112402	0.2	0.05	0.08	0.5	18.5	0.5	0.25	1.4	18	14	0.04	0.05	0.09	2.8	0.5	0.46
SA5112403	5.5	0.05	0.84	0.5	23.3	0.5	0.25	2.4	74	47	0.12	0.3	0.27	2.0	0.5	0.84

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112404	6.2	0.05	0.86	0.5	28.6	0.5	0.25	1.5	176	57	0.11	0.2	0.38	4.2	0.5	1.17
SA5112405	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112406	5.9	0.05	1.04	0.5	31	0.5	0.25	2.9	265	34	0.06	0.3	0.30	2.1	0.5	1.03
SA5112407	5.5	0.05	0.85	0.5	24.1	0.5	0.25	0.9	108	42	0.13	0.1	0.29	2.9	0.5	0.87
SA5112408	7.0	0.05	1.36	0.5	33.4	0.5	2.8	1.3	412	43	0.14	1.0	0.44	5.2	0.5	1.22
SA5112409	0.1	0.05	0.10	0.5	20.1	0.5	0.25	1.3	17	14	0.02	0.05	0.05	1.0	3	0.34
SA5112410	0.05	0.05	0.13	0.5	26.9	0.5	0.25	0.25	17	14	0.02	0.05	0.07	1.3	0.5	0.36
SA5112411	7.2	0.05	1.17	0.5	27.5	0.5	0.25	0.25	162	20	0.22	0.05	0.33	1.7	0.5	0.84
SA5112412	9.4	0.05	1.79	0.5	33.5	0.5	0.25	2.5	154	21	0.26	0.1	0.39	1.1	0.5	0.99
SA5112413	6.6	0.05	1.39	0.5	28.8	0.5	0.25	0.6	80	20	0.19	0.05	0.36	1.7	0.5	0.92
SA5112414	0.5	0.05	0.11	0.5	17.9	0.5	0.25	0.25	24	17	0.03	0.3	0.05	2.5	0.5	0.42
SA5112415	0.5	0.05	0.15	0.5	14.8	0.5	0.25	0.25	16	12	0.07	0.1	0.09	5.4	0.5	0.42
SA5112416	0.1	0.05	0.12	0.5	26.9	0.5	0.25	3.8	22	14	0.02	0.1	0.06	1.5	0.5	0.44
SA5112417	0.05	0.05	0.08	0.5	30.9	0.5	0.25	0.25	10	19	0.02	0.05	0.04	0.8	0.5	0.34
SA5112418	7.0	0.05	1.34	0.5	29.6	0.5	0.25	4.2	61	20	0.17	0.05	0.35	1.8	3	0.91
SA5112419	9.1	0.05	1.58	0.5	35.5	0.5	0.25	2.9	532	28	0.11	0.1	0.51	9.5	1	1.18
SA5112420	7.4	0.05	1.15	0.5	27	0.5	0.25	0.25	175	15	0.22	0.05	0.33	1.8	0.5	0.85
SA5112421	0.05	0.05	0.12	0.5	17.9	0.5	0.25	0.25	14	11	0.04	0.05	0.09	2.5	0.5	0.54
SA5112422	0.05	0.05	0.09	0.5	20.4	0.5	0.25	0.25	24	9	0.01	0.05	0.05	1.5	0.5	0.33
SA5112423	0.3	0.05	0.11	0.5	35.6	0.5	0.25	0.25	19	15	0.03	0.05	0.06	1.4	0.5	0.41
SA5112424	4.6	0.05	1.15	0.5	30	0.5	0.25	5.6	415	23	0.12	0.2	0.44	7.9	0.5	1.05
SA5112425	5.7	0.05	0.99	0.5	30.2	0.5	0.25	0.25	472	25	0.07	0.2	0.37	6.2	1	1.12
SA5112426	0.05	0.05	0.08	0.5	30.3	0.5	0.25	1.0	45	13	0.02	0.05	0.07	1.1	0.5	0.47
SA5112427	0.6	0.05	0.12	0.5	21.3	0.5	0.25	2.1	24	10	0.04	0.05	0.07	2.6	3	0.58
SA5112428	0.05	0.05	0.10	0.5	28.9	0.5	1.0	0.8	71	5	0.03	0.05	0.06	1.0	0.5	0.42
SA5112429	0.3	0.05	0.09	0.5	26.3	0.5	0.25	4.8	17	10	0.02	0.1	0.06	1.7	0.5	0.46
SA5112430	0.1	0.05	0.10	0.5	22.8	0.5	0.25	0.25	5	8	0.03	0.1	0.06	2.0	0.5	0.48
SA5112431	10.7	0.05	1.60	0.5	36.2	0.5	0.25	2.6	315	24	0.16	0.05	0.63	3.7	0.5	1.16
SA5112432	0.05	0.05	0.15	0.5	16	0.5	3.8	1.8	15	9	0.04	0.05	0.09	5.1	0.5	1.21
SA5112433	0.1	0.05	0.14	0.5	19.3	0.5	1.5	3.8	17	9	0.04	0.05	0.09	4.9	0.5	0.75
SA5112434	10.2	0.05	1.60	0.5	35.8	0.5	3.9	0.25	369	-9	0.18	0.1	0.65	5.7	0.5	1.90
SA5112435	0.05	0.05	0.10	0.5	18.4	0.5	0.25	2.3	15	11	0.03	0.05	0.05	2.6	0.5	0.35
SA5112436	2.5	0.05	2.95	0.5	41.4	1	0.25	6.0	204	25	0.07	0.4	0.53	5.7	3	1.00
SA5112437	1.8	0.05	1.33	0.5	29.2	0.5	0.25	0.25	129	65	0.22	0.3	0.36	2.9	1	0.94
SA5112438	4.7	0.05	2.71	0.5	40.8	0.5	0.25	0.25	231	39	0.08	0.4	0.66	2.4	1	1.12
SA5112439	5.5	0.05	1.78	0.5	30	0.5	0.25	0.9	284	37	0.11	0.3	0.44	4.5	0.5	0.92
SA5112440	5.7	0.05	1.80	0.5	30.9	0.5	4.0	1.4	299	36	0.13	0.3	0.44	3.5	1	0.94
SA5112441	4.2	0.05	1.29	0.5	28	0.5	0.25	1.7	135	40	0.18	0.4	0.37	4.8	0.5	0.94
SA5112442	2.6	0.05	0.49	0.5	19.4	0.5	0.25	0.6	121	10	0.12	0.05	0.19	4.9	0.5	0.63
SA5112443	3.3	0.05	1.00	0.5	26.4	0.5	0.25	7.1	154	30	0.28	0.2	0.32	2.8	0.5	0.89
SA5112444	4.1	0.05	1.15	0.5	25.5	0.5	0.25	2.6	409	40	0.13	0.1	0.35	8.9	0.5	0.89
SA5112445	0.2	0.05	0.14	0.5	25.5	0.5	0.25	4.5	43	13	0.03	0.1	0.07	1.7	0.5	0.33
SA5112446	0.1	0.05	0.08	0.5	27.9	0.5	0.25	2.1	26	17	0.01	0.05	0.04	0.8	0.5	0.31
SA5112447	0.1	0.05	0.10	0.5	27.1	0.5	0.25	1.1	12	12	0.01	0.05	0.05	1.2	0.5	0.37
SA5112448	0.05	0.05	0.12	0.5	39.6	0.5	3.0	0.25	49	9	0.02	0.05	0.08	1.7	0.5	0.32
SA5112449	0.6	0.05	0.35	0.5	21	0.5	0.25	0.25	42	11	0.02	0.05	0.12	0.9	0.5	0.61
SA5112450	4.2	0.05	0.93	0.5	23.4	0.5	0.25	5.3	32	12	0.13	0.2	0.32	0.9	0.5	0.89
SA5112451	0.1	0.05	0.09	0.5	22.4	0.5	0.25	2.9	13	13	0.07	0.05	0.09	4.5	0.5	0.51
SA5112452	0.7	0.05	0.41	0.5	31.4	0.5	0.25	3.1	75	14	0.02	0.1	0.15	2.4	0.5	0.58
SA5112453	7.2	0.05	1.47	0.5	55	0.5	0.25	1.5	209	25	0.18	0.1	0.41	5.1	0.5	0.97
SA5112454	8.1	0.05	1.44	0.5	29.3	0.5	0.25	1.1	194	15	0.19	0.2	0.42	2.7	0.5	0.99
SA5112455	0.3	0.05	0.13	0.5	28.1	0.5	0.25	1.9	61	12	0.04	0.05	0.04	1.4	0.5	0.37
SA5112456	0.05	0.05	0.08	0.5	28	0.5	0.25	6.5	27	7	0.02	0.05	0.04	0.9	0.5	0.30
SA5112457	0.05	0.05	0.07	0.5	22.5	0.5	0.25	1.7	5	10	0.03	0.05	0.05	2.0	0.5	0.44
SA5112458	0.05	0.05	0.08	0.5	19.4	0.5	0.25	0.25	5	17	0.04	0.05	0.07	2.5	0.5	0.49
SA5112459	0.05	0.05	0.08	0.5	27.9	0.5	0.25	1.5	18	17	0.02	0.05	0.05	0.6	0.5	0.38
SA5112460	0.05	0.05	0.10	0.5	23.1	0.5	0.25	6.9	11	5	0.02	0.05	0.05	0.8	0.5	0.43

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112461	4.9	0.05	0.95	0.5	28	0.5	0.25	7.2	216	13	0.12	0.2	0.40	4.0	0.5	1.19
SA5112462	0.05	0.05	0.09	0.5	22.5	0.5	0.25	6.4	23	21	0.01	0.05	0.05	0.9	0.5	0.41
SA5112463	3.6	0.05	0.87	0.5	30.1	0.5	0.25	9.1	484	16	0.16	0.2	0.38	7.9	0.5	1.25
SA5112464	5.0	0.05	0.96	0.5	28.9	0.5	0.25	7.8	519	17	0.10	0.05	0.40	8.7	0.5	1.17
SA5112465	4.9	0.05	0.86	0.5	29.6	0.5	0.25	7.1	402	17	0.15	0.1	0.36	9.1	0.5	1.12
SA5112466	3.3	0.05	0.69	0.5	27.6	0.5	0.25	6.4	297	13	0.12	0.1	0.30	6.8	0.5	1.05
SA5112467	4.5	0.05	0.85	0.5	26.7	0.5	0.25	8.4	220	15	0.17	0.05	0.33	5.8	0.5	1.17
SA5112468	4.4	0.05	0.64	0.5	23.6	0.5	0.25	5.3	266	10	0.20	0.05	0.27	5.6	0.5	1.03
SA5112469	13.8	0.05	1.73	0.5	38.2	0.5	0.25	7.3	1108	18	0.48	0.2	0.62	37.1	0.5	1.40
SA5112470	9.7	0.05	1.71	0.5	34.8	0.5	0.25	5.2	557	23	0.14	0.3	0.53	8.8	0.5	1.29
SA5112471	0.1	0.05	0.10	0.5	15.62	0.5	0.25	4.6	14	14	0.04	0.05	0.05	2.1	0.5	0.53
SA5112472	12.3	0.05	1.83	0.5	35.5	0.5	0.25	4.7	254	17	0.18	0.2	0.46	4.0	0.5	1.39
SA5112473	0.2	0.05	0.10	0.5	21.1	0.5	0.25	10.0	5	15	0.02	0.05	0.08	1.9	0.5	0.60
SA5112474	0.1	0.05	0.06	0.5	24.9	0.5	0.25	16.4	5	12	0.01	0.05	0.06	0.9	0.5	0.48
SA5112475	0.4	0.05	0.08	0.5	24.7	0.5	0.25	10.8	49	14	0.01	0.05	0.09	2.8	0.5	0.53
SA5112476	0.05	0.05	0.08	0.5	26.3	0.5	0.25	8.6	12	10	0.01	0.05	0.06	0.7	0.5	0.44
SA5112477	0.05	0.05	0.07	0.5	38.7	0.5	0.25	13.5	11	8	0.005	0.05	0.06	0.6	0.5	0.50
SA5112478	3.6	0.05	0.86	0.5	31.8	0.5	0.25	10.4	491	17	0.14	0.2	0.37	7.5	0.5	1.12
SA5112479	0.05	0.05	0.07	0.5	25.5	0.5	0.25	7.9	16	12	0.005	0.2	0.05	1.0	0.5	0.37
SA5112480	0.05	0.05	0.07	0.5	38.5	0.5	0.25	13.2	36	11	0.005	0.05	0.09	1.0	0.5	0.53
SA5112481	0.05	0.05	0.06	0.5	27.4	0.5	0.25	7.5	5	11	0.03	0.05	0.05	1.9	0.5	0.44
SA5112482	2.3	0.05	1.32	0.5	30.9	0.5	0.25	9.5	322	17	0.06	0.2	0.45	3.4	0.5	1.23
SA5112483	0.05	0.05	0.12	0.5	27.4	0.5	0.25	4.6	37	6	0.005	0.05	0.10	1.4	0.5	0.43
SA5112484	2.0	0.05	1.44	0.5	34.6	0.5	0.25	6.9	219	19	0.09	0.05	0.51	1.9	0.5	1.31
SA5112485	2.3	0.05	0.81	0.5	23.4	0.5	0.25	4.5	69	4	0.02	0.05	0.24	2.5	0.5	0.85
SA5112486	2.8	0.05	1.27	0.5	28	0.5	0.25	2.3	205	14	0.03	0.1	0.41	3.5	0.5	0.94
SA5112487	2.2	0.05	0.97	0.5	24.7	0.5	0.25	7.1	412	1	0.04	0.05	0.36	3.1	0.5	0.89
SA5112488	0.2	0.05	0.11	0.5	20.9	0.5	0.25	5.8	30	11	0.01	0.2	0.07	5.2	0.5	0.51
SA5112489	0.1	0.05	0.08	0.5	24.1	0.5	0.25	5.0	34	13	0.005	0.05	0.06	1.9	0.5	0.33
SA5112490	2.6	0.05	2.28	0.5	35	0.5	0.25	5.2	83	8	0.03	0.2	0.57	3.9	0.5	0.98
SA5112491	1.6	0.05	1.56	0.5	29.9	0.5	0.25	6.1	136	11	0.03	0.2	0.44	2.7	0.5	0.98
SA5112492	0.4	0.05	0.17	0.5	14.8	0.5	0.25	6.0	25	10	0.005	0.05	0.06	2.2	0.5	0.24
SA5112493	0.7	0.05	0.23	0.5	34	0.5	0.25	2.9	45	1	0.01	0.05	0.08	2.0	0.5	0.31
SA5112494	0.3	0.05	0.11	0.5	19.3	0.5	0.25	4.5	25	11	0.005	0.05	0.05	1.5	0.5	0.34
SA5112495	0.05	0.05	0.06	0.5	18.7	0.5	0.25	3.9	5	9	0.005	0.05	0.05	2.3	0.5	0.39
SA5112496	3.6	0.05	0.87	0.5	24.2	0.5	0.25	10.8	139	7	0.04	0.05	0.29	3.2	0.5	1.04
SA5112497	0.2	0.05	0.14	0.5	26.5	0.5	0.25	3.8	95	13	0.005	0.1	0.07	1.5	0.5	0.27
SA5112498	0.3	0.05	0.10	0.5	19.5	0.5	0.25	6.5	21	18	0.005	0.05	0.05	1.6	0.5	0.26
SA5112499	0.4	0.05	0.25	0.5	19.9	0.5	0.25	7.2	23	20	0.04	0.05	0.14	1.2	0.5	0.75
SA5112500	1.5	0.05	0.47	0.5	20.3	0.5	0.25	8.8	54	13	0.02	0.05	0.21	2.8	0.5	0.70
SA5112501	0.1	0.05	0.08	0.5	23.9	0.5	0.25	6.4	42	15	0.005	0.05	0.05	2.1	0.5	0.27
SA5112502	0.3	0.05	0.10	0.5	32.4	0.5	0.25	5.5	37	15	0.005	0.05	0.07	2.0	0.5	0.29
SA5112503	2.3	0.05	0.86	0.5	24.8	0.5	0.25	9.2	43	21	0.26	0.05	0.29	3.8	0.5	0.90
SA5112504	3.0	0.05	1.11	0.5	26.5	0.5	0.25	5.0	293	20	0.04	0.1	0.42	3.3	0.5	1.28
SA5112505	0.1	0.05	0.10	0.5	21.1	0.5	0.25	5.2	21	12	0.01	0.05	0.05	1.4	0.5	0.30
SA5112506	13.3	0.05	0.64	0.5	22.5	0.5	0.25	7.0	367	15	0.07	0.3	0.30	5.7	0.5	0.74
SA5112507	0.6	0.05	0.10	0.5	27.3	0.5	0.25	8.3	85	15	0.04	0.05	0.03	1.4	0.5	0.24
SA5112508	0.8	0.2	0.11	0.5	25.1	0.5	0.25	9.1	73	12	0.005	0.3	0.05	1.8	0.5	0.28
SA5112509	0.1	0.1	0.08	0.5	17.08	0.5	0.25	6.5	12	16	0.02	0.05	0.07	2.8	0.5	0.35
SA5112510	0.3	0.1	0.10	0.5	34.3	0.5	0.25	8.8	50	14	0.005	0.1	0.07	3.2	0.5	0.18
SA5112511	2.8	0.1	1.05	0.5	25.1	0.5	0.25	8.9	250	52	0.05	0.2	0.42	5.0	0.5	1.06
SA5112512	0.1	0.05	0.10	0.5	22.3	0.5	0.25	6.7	89	23	0.05	0.1	0.06	1.9	0.5	0.38
SA5112513	0.5	0.3	0.14	0.5	27.9	0.5	0.25	7.4	60	12	0.005	0.05	0.07	2.8	0.5	0.17
SA5112514	0.5	0.1	0.19	0.5	35.6	0.5	0.25	4.6	135	14	0.11	0.05	0.08	1.5	0.5	0.38
SA5112515	0.5	0.2	0.14	0.5	35.3	0.5	0.25	21.7	79	20	0.01	0.05	0.06	1.1	0.5	0.31
SA5112516	0.1	0.1	0.14	0.5	34.4	0.5	0.25	5.0	201	18	0.005	0.05	0.08	2.1	0.5	0.17
SA5112517	0.2	0.05	0.13	0.5	30	0.5	0.25	6.3	68	20	0.005	0.2	0.08	2.0	0.5	0.27

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112518	0.1	0.1	0.11	0.5	26.1	0.5	0.25	7.4	15	18	0.01	0.05	0.06	1.6	0.5	0.29
SA5112519	0.1	0.4	0.13	0.5	28.2	0.5	0.25	11.4	45	11	0.005	0.1	0.07	1.3	0.5	0.38
SA5112520	0.4	0.1	0.11	0.5	18.24	0.5	0.25	7.3	11	19	0.06	0.05	0.05	1.1	0.5	0.34
SA5112521	2.0	0.2	0.79	0.5	22.3	0.5	0.25	7.2	59	18	0.04	0.1	0.28	1.0	0.5	0.96
SA5112522	0.2	0.1	0.11	0.5	25	0.5	0.25	10.2	18	14	0.02	0.05	0.09	2.3	0.5	0.52
SA5112523	0.7	0.1	1.48	0.5	31.3	0.5	0.25	5.8	144	17	0.04	0.2	0.88	0.8	0.5	0.94
SA5112524	0.05	0.2	0.09	0.5	14.73	0.5	0.25	8.9	5	11	0.005	0.1	0.03	1.5	0.5	0.35
SA5112525	0.4	0.1	0.22	0.5	20.9	0.5	0.25	6.0	186	16	0.005	0.05	0.17	2.7	0.5	0.60
SA5112526	0.05	0.05	0.08	0.5	18.4	0.5	0.25	8.5	5	15	0.03	0.05	0.06	1.5	0.5	0.42
SA5112527	0.9	0.05	1.50	0.5	32.2	0.5	0.25	9.0	145	19	0.07	0.2	0.89	1.0	0.5	0.84
SA5112528	0.05	0.1	0.12	0.5	27.1	0.5	0.25	4.5	11	14	0.005	0.05	0.07	1.3	0.5	0.42
SA5112529	0.1	0.1	0.13	0.5	23	0.5	0.25	6.6	19	8	0.005	0.05	0.07	1.4	0.5	0.42
SA5112530	0.05	0.05	0.10	0.5	17.7	0.5	0.25	8.1	5	10	0.005	0.05	0.03	1.3	0.5	0.35
SA5112531	0.05	0.05	0.11	0.5	25	0.5	0.25	8.9	5	14	0.01	0.05	0.07	1.2	0.5	0.42
SA5112532	0.8	0.1	0.09	0.5	29.8	0.5	0.25	7.5	116	13	0.03	0.2	0.11	1.7	0.5	0.45
SA5112533	0.05	0.2	0.06	0.5	31.4	0.5	0.25	11.9	5	11	0.005	0.05	0.05	0.25	0.5	0.48
SA5112534	0.2	0.1	0.10	0.5	18.3	0.5	0.25	6.5	5	16	0.02	0.05	0.08	2.4	0.5	0.52
SA5112535	0.05	0.1	0.09	0.5	28.2	0.5	0.25	5.7	17	9	0.005	0.05	0.09	1.3	0.5	0.49
SA5112536	0.05	0.1	0.10	0.5	18.9	0.5	0.25	7.0	19	7	0.005	0.05	0.05	1.3	0.5	0.44
SA5112537	2.7	0.2	1.43	0.5	32.6	0.5	0.25	17.3	381	14	0.09	0.05	0.56	6.7	0.5	1.21
SA5112538	0.3	0.1	0.17	0.5	21.2	0.5	0.25	7.1	48	12	0.02	0.05	0.09	2.7	0.5	0.75
SA5112539	2.5	0.1	1.36	0.5	30.8	0.5	0.25	6.6	123	16	0.08	0.4	0.47	2.3	0.5	1.32
SA5112540	2.3	0.1	1.33	0.5	31.2	0.5	0.25	7.1	126	18	0.06	0.2	0.46	2.0	0.5	1.31
SA5112541	10.6	0.1	0.72	0.5	36.4	0.5	0.25	9.2	302	14	0.08	0.2	0.34	2.0	0.5	1.16
SA5112542	5.8	0.3	0.70	0.5	33.1	0.5	0.25	9.1	338	17	0.02	0.2	0.31	3.6	3	1.00
SA5112543	6.8	0.2	0.84	0.5	34.4	0.5	0.25	8.7	471	23	0.04	0.2	0.35	4.6	0.5	1.14
SA5112544	0.6	0.2	0.13	0.5	41	0.5	0.25	6.1	215	11	0.02	0.05	0.12	1.5	0.5	0.47
SA5112545	0.05	0.1	0.07	0.5	17.81	0.5	0.25	7.9	11	12	0.005	0.05	0.04	0.9	0.5	0.38
SA5112546	0.3	0.1	0.12	0.5	28.2	0.5	0.25	3.3	69	14	0.005	0.05	0.07	1.7	0.5	0.43
SA5112547	5.0	0.1	0.78	0.5	37.5	0.5	0.25	8.2	584	31	0.03	0.2	0.31	6.0	0.5	1.05
SA5112548	5.6	0.1	0.86	0.5	24.6	0.5	0.25	9.9	333	28	0.07	0.2	0.28	7.5	0.5	0.92
SA5112549	7.6	0.1	1.03	0.5	25	0.5	0.25	6.1	419	29	0.08	0.3	0.33	9.8	0.5	0.99
SA5112550	5.7	0.1	0.76	0.5	25.2	0.5	0.25	9.7	321	39	0.06	0.2	0.28	6.4	0.5	0.98
SA5112551	6.9	0.3	0.67	0.5	31.4	0.5	0.25	7.2	456	38	0.40	0.3	0.26	5.4	2	1.11
SA5112552	5.5	0.2	0.74	0.5	28.5	0.5	0.25	17.8	391	48	0.07	0.4	0.25	6.9	0.5	1.14
SA5112553	6.8	0.2	1.08	0.5	26	0.5	0.25	7.1	463	45	0.07	0.2	0.30	8.7	0.5	1.00
SA5112554	6.0	0.1	0.75	0.5	31.2	0.5	0.25	6.2	339	20	0.02	0.1	0.33	4.1	0.5	0.89
SA5112555	5.6	0.1	0.84	0.5	24.7	0.5	0.25	6.6	184	38	0.18	0.2	0.28	7.8	0.5	0.96
SA5112556	7.7	0.1	1.11	0.5	26.8	0.5	0.25	5.7	342	33	0.05	0.2	0.33	9.0	0.5	0.91
SA5112557	5.2	0.1	1.20	0.5	27.7	0.5	0.25	4.6	270	72	0.14	0.1	0.47	4.9	0.5	1.07
SA5112558	4.2	0.1	0.77	0.5	20.7	0.5	0.25	4.7	135	31	0.07	0.2	0.25	6.0	0.5	0.84
SA5112559	5.0	0.1	0.81	0.5	23.2	0.5	0.25	5.0	190	24	0.08	0.05	0.26	6.5	0.5	0.84
SA5112560	5.6	0.3	0.85	0.5	25.3	0.5	0.25	11.9	270	28	0.08	0.2	0.28	7.6	2	0.90
SA5112561	3.5	0.1	0.34	0.5	41.5	0.5	0.25	24.3	401	32	0.08	0.2	0.18	6.2	0.5	0.48
SA5112562	6.2	0.1	0.77	0.5	25.5	0.5	0.25	6.9	136	30	0.11	0.3	0.30	8.9	0.5	1.05
SA5112563	4.1	0.1	0.60	0.5	31.5	0.5	0.25	6.6	316	20	0.08	0.05	0.25	5.1	0.5	1.04
SA5112564	4.2	0.1	0.73	0.5	33.9	0.5	0.25	16.8	318	28	0.09	0.3	0.25	5.9	0.5	1.16
SA5112565	2.6	0.1	0.41	0.5	20.8	0.5	0.25	12.0	92	15	0.08	0.1	0.18	6.4	0.5	0.90
SA5112566	4.7	0.1	0.74	0.5	22.8	0.5	0.25	6.5	175	17	0.12	0.1	0.28	7.4	0.5	0.97
SA5112567	3.3	0.1	0.65	0.5	23.9	0.5	0.25	9.5	263	15	0.08	0.05	0.23	5.4	0.5	0.79
SA5112568	2.3	0.1	0.56	0.5	24.5	0.5	0.25	8.3	184	27	0.09	0.05	0.23	2.7	0.5	0.93
SA5112569	0.4	0.3	0.14	0.5	24.2	0.5	0.25	4.3	78	11	0.05	0.05	0.08	1.3	2	0.51
SA5112570	4.3	0.1	0.64	0.5	23.7	0.5	0.25	5.0	132	21	0.12	0.05	0.24	6.2	0.5	0.90
SA5112571	0.6	0.1	0.15	0.5	23.8	0.5	0.25	8.2	78	48	0.02	0.05	0.07	1.4	0.5	0.53
SA5112572	5.8	0.1	0.64	0.5	24	0.5	0.25	18.4	89	22	0.11	0.05	0.27	6.9	0.5	0.92
SA5112573	8.6	0.1	1.03	0.5	35.7	0.5	0.25	19.1	572	27	0.08	0.2	0.41	20.8	0.5	1.09
SA5112574	8.7	0.1	1.12	0.5	34.3	0.5	0.25	5.1	691	30	0.07	0.1	0.46	21.7	0.5	1.13

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112575	13.4	0.1	1.63	0.5	35.9	0.5	0.25	21.1	798	21	0.11	0.2	0.64	17.9	0.5	1.21
SA5112576	6.6	0.1	0.94	0.5	23.4	0.5	0.25	5.0	144	24	0.11	0.2	0.25	5.9	0.5	0.89
SA5112577	4.7	0.1	0.66	0.5	22.5	0.5	0.25	5.6	237	20	0.10	0.05	0.24	8.7	0.5	0.82
SA5112578	9.3	0.3	0.76	0.5	28.1	0.5	0.25	4.5	363	23	0.08	0.2	0.31	6.6	2	1.08
SA5112579	10.7	0.1	0.94	0.5	28.9	0.5	0.25	5.9	432	26	0.09	0.05	0.34	8.2	0.5	1.06
SA5112580	3.1	0.1	0.40	0.5	21.1	0.5	0.25	6.7	102	21	0.07	0.05	0.14	2.4	0.5	0.75
SA5112581	2.4	0.1	0.19	0.5	31.1	0.5	0.25	4.8	68	16	0.04	0.05	0.07	2.0	0.5	0.41
SA5112582	0.5	0.1	0.58	0.5	27.5	0.5	0.25	9.0	40	6	0.09	0.05	0.10	2.2	0.5	0.91
SA5112583	8.9	0.3	0.59	0.5	22.4	0.5	0.25	21.0	441	29	0.11	0.05	0.24	11.8	0.5	0.92
SA5112584	0.4	0.1	0.08	0.5	37	0.5	0.25	5.3	67	11	0.03	0.05	0.05	0.6	0.5	0.37
SA5112585	1.7	0.1	0.19	0.5	42.1	0.5	0.25	6.6	84	18	0.04	0.05	0.11	1.1	0.5	0.63
SA5112586	0.2	0.1	0.09	0.5	26	0.5	0.25	17.3	47	17	0.005	0.05	0.04	0.9	0.5	0.38
SA5112587	5.3	0.3	0.44	0.5	20.7	0.5	0.25	4.1	147	35	0.06	0.05	0.18	4.9	2	0.84
SA5112588	2.5	0.1	0.21	0.5	22.5	0.5	0.25	4.9	127	21	0.02	0.1	0.12	1.9	0.5	0.76
SA5112589	6.9	0.1	0.65	0.5	29.5	0.5	0.25	9.0	382	22	0.04	0.1	0.27	6.3	0.5	1.03
SA5112590	9.7	0.1	0.67	0.5	30.7	0.5	0.25	5.5	386	20	0.06	0.05	0.25	6.9	0.5	1.11
SA5112591	0.7	0.1	0.11	0.5	25.8	0.5	0.25	6.2	86	12	0.02	0.05	0.06	0.8	0.5	0.47
SA5112592	3.3	0.1	0.45	0.5	20.9	0.5	0.25	8.0	135	19	0.12	0.05	0.16	8.0	0.5	0.71
SA5112593	11.4	0.2	0.76	0.5	25	0.5	0.25	4.0	170	27	0.04	0.2	0.29	7.4	0.5	1.07
SA5112594	0.2	0.1	0.08	0.5	18.6	0.5	0.25	6.8	33	18	0.05	0.05	0.06	1.8	0.5	0.45
SA5112595	4.7	0.1	0.61	0.5	33.4	0.5	0.25	7.5	305	21	0.10	0.2	0.26	6.2	0.5	1.07
SA5112596	3.5	0.3	0.52	0.5	35.1	0.5	0.25	10.0	317	14	0.08	0.1	0.26	4.1	3	1.06
SA5112597	4.5	0.1	0.61	0.5	33.1	0.5	0.25	4.6	349	23	0.09	0.3	0.26	6.2	0.5	1.05
SA5112598	5.1	0.1	0.75	0.5	34	0.5	0.25	3.7	410	16	0.07	0.2	0.30	7.4	0.5	1.08
SA5112599	3.3	0.1	0.64	0.5	33.5	0.5	0.25	18.1	394	22	0.03	0.05	0.25	4.0	0.5	0.97
SA5112600	4.4	0.1	0.74	0.5	34.1	0.5	0.25	5.2	357	30	0.05	0.2	0.29	5.1	0.5	1.06
SA5112601	3.4	0.1	0.71	0.5	24.2	0.5	0.25	3.4	132	20	0.07	0.05	0.23	2.8	0.5	0.89
SA5112602	4.8	0.05	0.82	0.5	25	0.5	0.25	6.5	261	28	0.06	0.05	0.25	4.3	0.5	0.96
SA5112603	5.4	0.1	0.90	0.5	28.4	0.5	0.25	7.7	358	27	0.04	0.05	0.31	6.3	0.5	1.01
SA5112604	6.7	0.1	0.95	0.5	32.6	0.5	0.25	19.6	460	39	0.08	0.2	0.34	8.0	0.5	1.21
SA5112605	5.4	0.1	0.72	0.5	29.6	0.5	0.25	10.5	209	31	0.08	0.05	0.34	5.8	0.5	1.07
SA5112606	2.1	0.1	0.37	0.5	28.4	0.5	0.25	3.4	226	24	0.05	0.05	0.19	2.9	0.5	0.86
SA5112607	4.2	0.1	0.53	0.5	33.3	0.5	0.25	5.8	388	34	0.08	0.2	0.27	5.4	0.5	1.11
SA5112608	3.3	0.1	0.88	0.5	34.3	0.5	0.25	4.8	414	25	0.04	0.2	0.36	6.3	0.5	1.17
SA5112609	4.3	0.1	0.66	0.5	29.2	0.5	1.3	3.3	343	28	0.08	0.05	0.26	7.3	0.5	1.02
SA5112610	5.7	0.1	0.81	0.5	35.6	0.5	0.25	3.7	483	34	0.07	0.1	0.29	7.5	0.5	1.23
SA5112611	3.6	0.1	0.94	0.5	31.1	0.5	0.25	10.7	428	24	0.13	0.2	0.39	8.8	0.5	1.27
SA5112612	0.05	0.1	0.12	0.5	25.4	0.5	0.25	4.4	17	16	0.01	0.05	0.09	1.3	0.5	0.54
SA5112613	5.5	0.3	1.47	0.5	32.2	0.5	4.2	6.3	542	29	0.13	0.2	0.48	3.8	12	1.28
SA5112614	0.05	0.1	0.12	0.5	34.2	0.5	0.25	3.7	16	17	0.005	0.05	0.03	0.6	2	0.57
SA5112615	0.05	0.1	0.11	0.5	30.1	0.5	0.25	4.0	23	17	0.01	0.05	0.07	0.8	1	0.53
SA5112616	4.3	0.1	1.31	0.5	33.4	0.5	0.25	5.4	99	21	0.13	0.05	0.43	2.1	1	1.40
SA5112617	0.05	0.1	0.10	0.5	22.6	0.5	0.25	4.8	11	13	0.02	0.05	0.05	0.6	1	0.55
SA5112618	0.05	0.1	0.08	0.5	22.4	0.5	0.25	4.3	5	19	0.03	0.05	0.10	1.5	1	0.73
SA5112619	0.4	0.1	0.13	0.5	30.7	0.5	0.25	4.3	46	16	0.005	0.05	0.08	1.4	1	0.54
SA5112620	0.05	0.1	0.11	0.5	25.9	0.5	0.25	3.4	17	14	0.02	0.05	0.10	1.2	1	0.56
SA5112621	0.2	0.2	0.12	0.5	20.3	0.5	0.25	4.1	18	21	0.02	0.05	0.07	1.9	1	0.44
SA5112622	4.3	0.3	1.40	0.5	34.2	0.5	0.25	5.0	420	31	0.13	0.05	0.48	5.5	8	1.44
SA5112623	4.7	0.2	1.43	0.5	34.3	0.5	0.25	9.8	329	27	0.16	0.05	0.48	4.2	1	1.42
SA5112624	0.1	0.1	0.16	0.5	37.9	0.5	0.25	6.1	39	19	0.01	0.05	0.14	2.1	1	0.58
SA5112625	0.05	0.1	0.11	0.5	25.1	0.5	0.25	4.8	5	15	0.01	0.05	0.06	1.4	1	0.49
SA5112626	0.05	0.2	0.13	0.5	37.7	0.5	0.25	11.4	75	14	0.01	0.05	0.08	1.4	0.5	0.47
SA5112627	1.9	0.1	2.01	0.5	37.3	0.5	0.25	3.5	284	21	0.08	0.05	0.64	1.9	0.5	1.27
SA5112628	2.6	0.2	2.87	0.5	51.5	0.5	0.25	4.1	322	22	0.14	0.05	0.93	2.3	0.5	1.66
SA5112629	2.8	0.1	2.79	0.5	51.2	0.5	0.25	3.2	297	23	0.15	0.2	0.92	1.9	0.5	1.60
SA5112630	1.0	0.1	0.42	0.5	22.4	0.5	0.25	10.7	65	25	0.01	0.05	0.16	0.9	0.5	0.84
SA5112631	0.05	0.3	0.10	0.5	19.55	0.5	0.25	7.0	12	9	0.01	0.05	0.06	1.9	8	0.44

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112632	0.05	0.3	0.14	0.5	40.1	0.5	0.25	4.2	42	11	0.01	0.05	0.08	1.2	1	0.56
SA5112633	0.05	0.1	0.12	0.5	31.4	0.5	0.25	4.0	45	16	0.01	0.05	0.08	1.5	0.5	0.51
SA5112634	0.05	0.1	0.09	0.5	23	0.5	0.25	5.5	32	16	0.02	0.05	0.06	1.2	0.5	0.47
SA5112635	5.2	0.2	1.50	0.5	30.4	0.5	0.25	2.8	598	26	0.12	0.1	0.48	4.4	0.5	1.25
SA5112636	4.8	0.3	1.17	0.5	31	0.5	0.25	4.2	479	29	0.10	0.1	0.42	5.3	0.5	1.39
SA5112637	0.05	0.2	0.10	0.5	27.8	0.5	0.25	3.8	5	10	0.01	0.05	0.08	1.1	0.5	0.51
SA5112638	0.05	0.1	0.07	0.5	23.5	0.5	0.25	4.2	5	14	0.02	0.05	0.06	2.0	0.5	0.61
SA5112639	0.2	0.1	0.18	0.5	20.8	0.5	0.25	3.6	16	8	0.06	0.05	0.09	3.2	0.5	0.62
SA5112640	0.05	0.3	0.09	0.5	23.3	0.5	0.25	5.1	5	9	0.02	0.05	0.07	2.0	11	0.50
SA5112641	0.3	0.1	0.12	0.5	25.2	0.5	0.25	4.3	23	13	0.01	0.05	0.05	1.7	4	0.41
SA5112642	0.05	0.05	0.08	0.5	19.7	0.5	0.25	1.3	5	12	0.03	0.05	0.07	1.9	0.5	0.51
SA5112643	0.2	0.05	0.14	0.5	26.2	0.5	0.25	5.3	22	18	0.005	0.05	0.08	2.3	0.5	0.60
SA5112644	0.05	0.05	0.12	0.5	26.3	0.5	0.25	6.2	15	11	0.17	0.05	0.07	1.8	0.5	0.53
SA5112645	0.05	0.05	0.08	0.5	22	0.5	0.25	4.4	5	14	0.005	0.05	0.04	0.25	0.5	0.39
SA5112646	0.05	0.05	0.10	0.5	25.1	0.5	0.25	7.3	26	11	0.03	0.05	0.06	1.6	0.5	0.45
SA5112647	0.05	0.05	0.09	0.5	39.7	0.5	0.25	5.5	71	12	0.005	0.05	0.08	0.9	0.5	0.44
SA5112648	0.05	0.05	0.10	0.5	48.9	0.5	0.25	6.5	144	14	0.01	0.05	0.08	1.0	0.5	0.42
SA5112649	0.05	0.05	0.08	0.5	20	0.5	0.25	4.8	5	15	0.02	0.05	0.07	2.0	0.5	0.46
SA5112650	0.05	0.1	0.10	0.5	30.7	0.5	0.25	4.5	32	16	0.005	0.05	0.05	1.4	0.5	0.38
SA5112651	0.05	0.1	0.10	0.5	25.1	0.5	0.25	5.2	27	14	0.01	0.05	0.05	1.5	0.5	0.41
SA5112652	0.05	0.1	0.11	0.5	38.8	0.5	0.25	3.7	65	13	0.01	0.05	0.08	1.2	0.5	0.43
SA5112653	0.5	0.1	0.16	0.5	24.1	0.5	0.25	2.5	27	7	0.01	0.05	0.08	2.4	0.5	0.60
SA5112654	4.6	0.1	1.43	0.5	30	0.5	0.25	3.0	356	22	0.08	0.05	0.49	3.6	0.5	1.21
SA5112655	24.3	0.05	3.00	0.5	36.9	1	0.25	3.4	1932	24	0.32	0.3	0.84	52.3	0.5	1.23
SA5112656	0.9	0.05	0.19	0.5	32.5	0.5	0.25	2.9	170	12	0.01	0.05	0.09	4.7	0.5	0.41
SA5112657	0.6	0.05	0.13	0.5	19.61	0.5	0.25	4.4	66	12	0.04	0.05	0.11	3.3	0.5	0.42
SA5112658	2.7	0.05	1.23	0.5	24.5	0.5	0.25	7.5	285	21	0.12	0.05	0.32	3.3	0.5	0.85
SA5112659	2.7	0.05	1.23	0.5	-9	0.5	0.25	7.5	285	-9	0.12	0.05	0.32	3.3	0.5	0.85
SA5112660	0.05	0.05	0.11	0.5	41.1	0.5	0.25	7.0	27	11	0.01	0.05	0.08	1.3	0.5	0.35
SA5112661	0.05	0.05	0.15	0.5	17.8	0.5	0.25	5.3	5	9	0.06	0.05	0.07	2.9	0.5	0.41
SA5112662	0.05	0.05	0.10	0.5	17.9	0.5	0.25	7.3	5	11	0.05	0.05	0.05	1.8	0.5	0.33
SA5112663	0.05	0.05	0.11	0.5	32.5	0.5	0.25	5.1	22	14	0.01	0.05	0.05	1.5	0.5	0.32
SA5112664	0.05	0.05	0.13	0.5	27.5	0.5	0.25	7.5	31	14	0.005	0.05	0.05	2.2	0.5	0.34
SA5112665	6.5	0.05	1.37	0.5	29.3	0.5	0.25	7.7	547	27	0.08	0.05	0.47	6.0	0.5	1.11
SA5112666	0.05	0.05	0.12	0.5	19.8	0.5	0.25	6.1	22	10	0.01	0.05	0.05	1.4	0.5	0.36
SA5112667	0.7	0.05	0.13	0.5	42.1	0.5	0.25	9.2	157	6	0.06	0.05	0.03	1.1	0.5	0.29
SA5112668	0.05	0.05	0.10	0.5	22.5	0.5	0.25	9.8	86	16	0.03	0.05	0.04	1.6	0.5	0.34
SA5112669	4.9	0.05	1.48	0.5	31.5	0.5	0.25	8.2	385	60	0.10	0.2	0.49	2.9	0.5	1.23
SA5112670	2.2	0.05	0.70	0.5	22	0.5	0.25	8.7	126	36	0.04	0.05	0.25	1.7	0.5	0.98
SA5112671	0.9	0.05	0.14	0.5	15.72	0.5	0.25	15.9	19	10	0.04	0.05	0.05	1.3	0.5	0.36
SA5112672	0.05	0.05	0.12	0.5	34.9	0.5	0.25	10.3	100	4	0.02	0.05	0.05	0.7	0.5	0.37
SA5112673	0.6	0.05	0.21	0.5	20.5	0.5	0.25	10.9	56	11	0.005	0.05	0.09	3.3	0.5	0.50
SA5112674	0.05	0.05	0.08	0.5	25.7	0.5	0.25	7.3	28	13	0.02	0.05	0.03	0.6	0.5	0.27
SA5112675	8.6	0.05	1.63	0.5	33.1	0.5	0.25	13.7	943	49	0.06	0.2	0.49	8.5	0.5	1.17
SA5112676	0.05	0.05	0.10	0.5	18.98	0.5	0.25	8.1	42	10	0.02	0.05	0.05	1.5	0.5	0.36
SA5112677	2.7	0.05	0.95	0.5	24.7	0.5	0.25	13.8	371	31	0.13	0.05	0.37	4.5	0.5	0.97
SA5112678	5.6	0.05	1.14	0.5	28	0.5	0.25	7.8	178	44	0.27	0.2	0.46	2.7	0.5	1.09
SA5112679	0.7	0.05	0.49	0.5	14.6	0.5	0.25	8.8	357	22	0.04	0.05	0.15	8.8	0.5	0.31
SA5112680	0.4	0.05	0.06	0.5	36.2	0.5	0.25	9.3	126	10	0.11	0.05	0.02	0.7	0.5	0.30
SA5112681	3.6	0.05	0.62	0.5	19.7	0.5	0.25	10.3	268	27	0.11	0.05	0.18	4.5	0.5	0.72
SA5112682	0.1	0.05	0.09	0.5	15.42	0.5	0.25	12.6	46	17	0.03	0.05	0.05	2.4	0.5	0.30
SA5112683	0.4	0.05	0.28	0.5	21.4	0.5	0.25	8.1	72	17	0.005	0.05	0.11	4.3	0.5	0.52
SA5112684	4.1	0.05	0.53	0.5	32.7	0.5	0.25	11.5	87	32	0.03	0.05	0.15	2.5	0.5	0.67
SA5112685	0.7	0.05	0.17	0.5	23.1	0.5	0.25	11.7	185	5	0.005	0.05	0.08	3.0	0.5	0.30
SA5112686	1.1	0.05	0.22	0.5	21.3	0.5	0.25	14.4	247	11	0.04	0.05	0.09	6.5	0.5	0.41
SA5112687	9.9	0.05	2.73	0.5	53.3	0.5	0.25	9.3	115	51	0.20	0.3	0.93	3.6	0.5	1.57
SA5112688	3.9	0.05	0.57	0.5	18.43	0.5	0.25	8.8	73	39	0.04	0.05	0.17	2.8	0.5	0.70

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112689	1.8	0.05	0.92	0.5	23	0.5	0.25	15.1	23	28	0.17	0.05	0.29	0.25	0.5	0.97
SA5112690	1.4	0.05	0.54	0.5	37.5	0.5	0.25	7.6	257	19	0.62	0.05	0.24	6.5	0.5	0.71
SA5112691	2.9	0.05	0.31	0.5	34.5	0.5	0.25	8.1	249	13	0.26	0.05	0.20	8.7	0.5	0.53
SA5112692	0.1	0.05	0.18	0.5	32.9	0.5	0.25	9.3	50	13	0.01	0.05	0.09	2.1	0.5	0.47
SA5112693	0.7	0.05	0.23	0.5	35.3	0.5	0.25	7.8	138	15	0.005	0.05	0.10	6.0	0.5	0.65
SA5112694	1.1	0.05	0.33	0.5	30.7	0.5	0.25	7.9	131	24	0.02	0.05	0.12	8.9	0.5	0.57
SA5112695	19.2	0.05	1.06	0.5	27.1	0.5	0.25	8.5	71	56	0.21	0.3	0.41	1.6	0.5	1.02
SA5112696	2.9	0.05	0.39	0.5	37.5	0.5	0.25	7.4	197	19	0.005	0.05	0.15	2.0	0.5	0.53
SA5112697	4.9	0.05	0.73	0.5	25.6	0.5	0.25	11.1	355	38	0.01	0.05	0.20	3.8	0.5	0.88
SA5112698	0.3	0.05	0.15	0.5	29.7	0.5	0.25	7.7	65	13	0.02	0.05	0.09	1.5	0.5	0.33
SA5112699	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112700	0.05	0.05	0.10	0.5	38	0.5	0.25	8.7	74	8	0.02	0.05	0.05	0.8	0.5	0.34
SA5112701	4.8	0.05	1.00	0.5	23.8	0.5	0.25	12.9	545	27	0.12	0.05	0.32	6.9	0.5	0.81
SA5112702	0.05	0.05	0.09	0.5	12.7	0.5	0.25	10.2	23	11	0.005	0.05	0.02	1.4	0.5	0.22
SA5112703	1.5	0.05	0.50	0.5	24.5	0.5	0.25	8.2	222	31	0.05	0.05	0.16	1.3	0.5	0.67
SA5112704	0.2	0.05	0.14	0.5	33.4	0.5	0.25	11.3	81	19	0.04	0.1	0.09	2.6	0.5	0.49
SA5112705	1.9	0.05	0.80	0.5	22.7	0.5	0.25	11.1	107	42	0.21	0.05	0.36	1.0	0.5	0.99
SA5112706	0.7	0.05	0.15	0.5	33.6	0.5	0.25	9.3	96	8	0.01	0.05	0.07	1.8	0.5	0.51
SA5112707	0.5	0.05	0.38	0.5	30.5	0.5	0.25	5.9	341	17	0.49	0.05	0.17	7.1	0.5	0.46
SA5112708	0.5	0.05	0.07	0.5	35.3	0.5	0.25	4.1	102	18	0.02	0.05	0.04	1.4	0.5	0.22
SA5112709	3.1	0.05	0.89	0.5	23.1	0.5	0.25	9.6	305	39	0.12	0.05	0.34	1.3	0.5	0.87
SA5112710	1.6	0.05	0.39	0.5	15.81	0.5	0.25	5.9	221	20	0.05	0.05	0.15	5.2	0.5	0.57
SA5112711	3.1	0.05	0.79	0.5	21.9	0.5	0.25	15.3	611	28	0.09	0.05	0.29	8.6	0.5	0.75
SA5112712	3.7	0.05	0.91	0.5	23.5	0.5	0.25	6.4	407	53	0.14	0.2	0.37	2.5	0.5	1.07
SA5112713	4.0	0.05	1.16	0.5	26.9	0.5	0.25	12.4	398	51	0.15	0.2	0.36	3.8	0.5	1.07
SA5112714	2.9	0.05	1.30	0.5	26.8	0.5	0.25	10.7	105	67	0.05	0.2	0.34	1.1	0.5	1.06
SA5112715	4.3	0.05	1.03	0.5	22.8	0.5	0.25	8.3	596	25	0.12	0.05	0.32	5.7	0.5	0.80
SA5112716	0.4	0.05	0.26	0.5	19.77	0.5	0.25	8.5	90	11	0.05	0.05	0.12	2.6	0.5	0.54
SA5112717	2.6	0.05	0.67	0.5	22.7	0.5	0.25	8.5	210	38	0.10	0.2	0.20	4.2	0.5	0.76
SA5112718	2.7	0.05	0.91	0.5	20.7	0.5	0.25	9.8	279	40	0.06	0.05	0.29	2.0	0.5	0.74
SA5112719	2.7	0.05	0.96	0.5	21.2	0.5	0.25	9.9	434	38	0.08	0.1	0.28	4.2	0.5	0.79
SA5112720	3.5	0.05	1.28	0.5	27.3	0.5	0.25	5.7	108	54	0.13	0.1	0.41	0.9	0.5	1.08
SA5112721	5.8	0.05	0.88	0.5	24.2	0.5	0.25	13.5	45	39	0.08	0.05	0.29	1.1	0.5	0.98
SA5112722	0.9	0.05	0.12	0.5	35.9	0.5	0.25	13.2	167	14	0.03	0.2	0.07	1.8	7	0.37
SA5112723	0.6	0.05	0.54	0.5	21.6	0.5	0.25	12.5	54	43	0.05	0.2	0.17	1.2	1	0.82
SA5112724	1.6	0.05	0.48	0.5	14.61	0.5	0.25	11.8	169	27	0.07	0.05	0.13	3.2	0.5	0.54
SA5112725	2.0	0.05	0.36	0.5	13.4	0.5	0.25	12.6	366	23	0.04	0.05	0.09	7.4	0.5	0.44
SA5112726	0.05	0.05	0.22	0.5	17.7	0.5	0.25	1.7	315	32	0.09	0.05	0.09	1.6	1	0.60
SA5112727	3.4	0.05	0.59	0.5	19.1	0.5	0.25	11.8	209	33	0.06	0.05	0.18	4.2	0.5	0.66
SA5112728	4.6	0.05	0.79	0.5	26.1	0.5	0.25	8.2	699	44	0.07	0.1	0.24	8.3	0.5	0.90
SA5112729	10.3	0.05	0.30	0.5	29.8	0.5	0.25	9.6	295	24	0.16	0.05	0.17	3.1	0.5	0.47
SA5112730	2.9	0.05	0.83	0.5	19.5	0.5	0.25	10.5	305	44	0.12	0.2	0.19	3.9	0.5	0.76
SA5112731	0.9	0.05	0.15	0.5	266	0.5	0.25	9.4	73	17	0.03	0.05	0.06	2.3	5	0.37
SA5112732	0.5	0.05	0.13	0.5	28.7	0.5	0.25	9.0	112	19	0.01	0.2	0.06	1.0	1	0.41
SA5112733	4.0	0.05	1.13	0.5	27.5	0.5	0.25	9.5	235	46	0.16	0.1	0.47	1.7	0.5	1.25
SA5112734	0.5	0.05	0.17	0.5	16	0.5	0.25	10.4	223	26	0.01	0.05	0.09	3.1	0.5	0.47
SA5112735	2.6	0.05	0.30	0.5	23.6	0.5	0.25	8.7	216	32	0.11	0.1	0.15	7.8	0.5	0.66
SA5112736	2.7	0.05	0.57	0.5	22.7	0.5	0.25	12.9	114	41	0.19	0.2	0.35	0.9	0.5	0.96
SA5112737	4.2	0.05	1.09	0.5	27.5	0.5	0.25	10.1	266	38	0.15	0.2	0.47	1.1	0.5	1.21
SA5112738	3.2	0.05	0.48	0.5	16.3	0.5	0.25	9.4	1040	13	0.04	0.2	0.14	8.6	0.5	0.45
SA5112739	5.4	0.05	1.32	0.5	34.4	0.5	0.25	9.4	443	44	0.34	0.4	0.70	1.9	0.5	1.47
SA5112740	4.8	0.05	0.77	0.5	24.3	0.5	0.25	7.6	880	31	0.17	0.2	0.37	3.8	4	0.95
SA5112741	0.9	0.05	0.20	0.5	29	0.5	0.25	6.1	373	11	0.01	0.05	0.10	1.8	0.5	0.28
SA5112742	0.7	0.05	0.24	0.5	19.6	0.5	0.25	8.2	414	25	0.02	0.1	0.09	3.1	0.5	0.24
SA5112743	2.0	0.05	0.42	0.5	13.7	0.5	0.25	14.3	53	23	0.11	0.05	0.17	1.2	0.5	0.63
SA5112744	0.4	0.05	0.13	0.5	19.9	0.5	0.25	0.25	76	1	0.02	0.1	0.05	2.2	0.5	0.34
SA5112745	0.05	0.05	0.08	0.5	20.4	0.5	0.25	9.5	46	8	0.05	0.05	0.05	2.6	0.5	0.32

FldNum	Baw2_ppb	Bew2_ppb	Caw1_ppm	Cdw2_ppb	Conduct_uS	Cow2_ppb	Crw2_ppb	Cuw2_ppb	Few1_ppb	Fw9_ppb	Kw1_ppm	Liw2_ppb	Mgw1_ppm	Mnw1_ppb	Mow2_ppb	Naw1_ppm
SA5112746	3.5	0.05	0.63	0.5	15.6	0.5	0.25	4.7	1044	29	0.09	0.1	0.29	11.6	0.5	0.84
SA5112747	1.9	0.05	0.42	0.5	19.9	0.5	0.25	2.0	599	28	0.08	0.1	0.17	3.9	0.5	0.57
SA5112748	0.5	0.05	0.34	0.5	15.4	0.5	0.25	1.8	175	22	0.005	0.1	0.23	10.4	0.5	0.42
SA5112749	3.3	0.05	0.54	0.5	16.8	0.5	0.25	4.9	293	13	0.08	0.2	0.22	4.7	0.5	0.67
SA5112750	0.3	0.05	0.12	0.5	21.8	0.5	0.25	6.1	110	13	0.01	0.05	0.05	2.2	0.5	0.35
SA5112751	0.1	0.05	0.11	0.5	24.3	0.5	0.25	4.5	89	20	0.01	0.05	0.05	1.8	0.5	0.32
SA5112752	0.2	0.05	0.10	0.5	19.8	0.5	0.25	3.9	62	14	0.04	0.1	0.04	1.1	0.5	0.35
SA5112753	0.3	0.05	0.10	0.5	19.8	0.5	0.25	27.1	32	19	0.01	0.1	0.04	1.2	0.5	0.35
SA5112754	2.1	0.05	0.42	0.5	15.7	0.5	0.25	2.9	646	23	0.08	0.3	0.17	4.0	0.5	0.58
SA5112755	4.1	0.05	0.77	0.5	20.4	0.5	0.25	3.9	712	43	0.06	0.2	0.28	8.3	0.5	0.78
SA5112756	0.2	0.05	0.67	0.5	27.2	0.5	0.25	4.7	71	19	0.05	0.1	0.09	1.3	0.5	1.15
SA5112757	3.7	0.05	0.48	0.5	21.4	0.5	0.25	2.7	296	24	0.08	0.2	0.25	15.0	0.5	0.76
SA5112758	6.7	0.05	1.63	0.5	36	0.5	0.25	1.9	548	32	0.25	0.3	0.59	16.9	0.5	1.08
SA5112759	0.6	0.05	0.26	0.5	20.9	0.5	0.25	5.9	314	13	0.01	0.2	0.10	2.1	0.5	0.63
SA5112760	2.9	0.05	0.52	0.5	18.27	0.5	0.25	4.2	449	19	0.10	0.2	0.18	4.6	0.5	0.70
SA5112761	0.2	0.05	0.10	0.5	20.4	0.5	0.25	2.2	53	9	0.02	0.2	0.03	2.3	0.5	0.35
SA5112762	1.9	0.05	0.40	0.5	14.2	0.5	0.25	0.25	256	29	0.02	0.2	0.17	8.8	0.5	0.42
SA5112763	0.7	0.05	0.11	0.5	16.7	0.5	0.25	2.3	104	14	0.005	0.05	0.04	1.8	0.5	0.36
SA5112764	0.7	0.05	0.16	0.5	17.4	0.5	0.25	1.4	127	15	0.01	0.05	0.08	8.2	0.5	0.52
SA5112765	1.0	0.05	0.22	0.5	18.1	0.5	0.25	3.1	147	7	0.06	0.05	0.06	11.3	0.5	0.47
SA5112766	0.7	0.05	0.13	0.5	34.8	0.5	0.25	5.1	252	16	0.03	0.05	0.05	3.1	0.5	0.27
SA5112767	0.6	0.05	0.11	0.5	30.2	0.5	0.25	10.4	110	4	0.02	0.05	0.07	1.2	0.5	0.37
SA5112768	0.1	0.05	0.10	0.5	34.9	0.5	0.25	12.9	66	11	0.01	0.1	0.04	0.7	0.5	0.16
SA5112769	0.1	0.05	0.19	0.5	21.8	0.5	0.25	15.3	31	22	0.01	0.05	0.06	0.25	0.5	0.72
SA5112770	0.3	0.05	0.15	0.5	32.7	0.5	0.25	21.8	172	8	0.02	0.05	0.06	1.5	0.5	0.26
SA5112771	0.3	0.05	0.35	0.5	15.5	0.5	0.25	13.1	25	21	0.10	0.2	0.13	3.4	0.5	0.68
SA5112772	0.05	0.05	0.16	0.5	36.4	0.5	0.25	10.2	65	19	0.01	0.05	0.08	1.9	0.5	0.58
SA5112773	0.3	0.05	0.14	0.5	17.05	0.5	0.25	9.8	43	14	0.06	0.05	0.05	4.6	0.5	0.39
SA5112774	0.05	0.05	0.10	0.5	35.2	0.5	0.25	16.4	148	6	0.04	0.05	0.04	2.1	0.5	0.29
SA5112775	3.4	0.05	1.16	0.5	29.9	0.5	0.25	13.1	381	33	0.19	0.3	0.52	4.6	1	1.16
SA5112776	0.2	0.05	0.13	0.5	41.2	0.5	0.25	14.2	118	15	0.05	0.05	0.08	0.9	0.5	0.68
SA5112777	2.1	0.05	0.26	0.5	36.1	0.5	0.25	13.7	247	24	0.10	0.2	0.13	2.2	0.5	0.97
SA5112778	4.1	0.05	0.85	0.5	25	0.5	0.25	15.6	71	39	0.06	0.3	0.27	5.7	0.5	1.09
SA5112779	4.5	0.05	0.77	0.5	27.1	0.5	0.25	14.9	163	41	0.13	0.3	0.27	3.3	0.5	1.25
SA5112780	2.3	0.05	0.50	0.5	25.5	0.5	0.25	8.9	199	44	0.08	0.2	0.19	6.5	0.5	0.99
SA5112781	4.5	0.05	0.58	0.5	34	0.5	0.25	9.2	360	43	0.09	0.2	0.24	8.1	0.5	1.17
SA5112782	3.3	0.05	0.59	0.5	29.7	0.5	0.25	11.8	339	39	0.11	0.3	0.25	8.7	0.5	1.17
SA5112783	2.6	0.05	0.49	0.5	30.2	0.5	0.25	7.8	307	36	0.09	0.05	0.23	7.4	0.5	1.08
SA5112784	3.2	0.05	0.60	0.5	34	0.5	0.25	10.8	349	39	0.12	0.2	0.25	7.9	0.5	1.27
SA5112785	0.4	0.05	0.34	0.5	31	0.5	0.25	10.1	185	35	0.02	0.2	0.11	4.4	0.5	0.76
SA5112786	0.5	0.05	0.20	0.5	35.8	0.5	0.25	12.4	184	8	0.01	0.05	0.10	1.9	0.5	0.70
SA5112787	2.9	0.05	0.56	0.5	34.9	0.5	0.25	15.6	464	50	0.15	0.3	0.27	10.8	0.5	1.31
SA5112788	3.0	0.05	0.58	0.5	35.7	0.5	0.25	10.3	469	29	0.16	0.2	0.26	9.9	0.5	1.34

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5111891	1	0.5	5.61	5	0.18	0.56	4.3	0.8	0.18	0.1	0.2	13
SA5111892	1	0.5	5.55	6	0.18	0.51	4.1	1.0	0.09	0.1	0.2	8
SA5111893	1	0.5	5.15	13	0.15	0.90	7.5	2.9	0.03	0.1	0.3	8
SA5111894	2	0.5	5.12	5	0.19	0.60	4.8	1.4	0.01	0.1	0.3	9
SA5111895	2	0.5	5.14	2.5	0.21	0.83	5.8	1.8	0.01	0.5	0.4	5
SA5111896	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5111897	1	1	5.13	15	0.37	2.22	7.4	3.5	0.02	2.5	0.5	9
SA5111898	1	0.5	5.24	10	0.19	0.90	6.9	2.7	0.02	2.1	0.4	4
SA5111899	1	0.5	6.36	6	0.24	1.17	9.6	0.9	0.03	0.3	0.1	3
SA5111900	1	0.5	4.75	2.5	0.08	0.005	1.0	0.05	0.005	0.1	0.05	2
SA5111901	0.5	0.5	5.66	2.5	0.17	0.63	4.1	1.1	0.01	0.1	0.2	2
SA5111902	1	0.5	4.87	5	0.10	0.32	3.2	2.1	0.01	0.4	0.2	2
SA5111903	1	0.5	4.63	8	0.12	0.005	1.1	0.4	0.005	0.1	0.05	7
SA5111904	2	0.5	4.95	9	0.12	0.52	3.5	2.6	0.02	1.7	0.6	10
SA5111905	0.5	0.5	4.99	6	0.09	0.21	3.3	2.2	0.01	0.3	0.5	2
SA5111906	1	0.5	4.74	2.5	0.08	0.01	0.4	0.05	0.005	0.1	0.05	3
SA5111907	0.5	0.5	5.36	2.5	0.13	0.54	3.1	0.3	0.02	0.1	0.05	1
SA5111908	1	0.5	5.28	7	0.15	0.43	5.5	1.4	0.02	0.1	0.2	4
SA5111909	0.5	0.5	5.71	7	0.14	0.34	4.5	0.7	0.01	0.1	0.05	2
SA5111910	0.5	0.5	5.01	5	0.11	0.21	3.4	1.6	0.01	0.1	0.3	2
SA5111911	0.5	0.5	5.11	2.5	0.17	0.54	4.2	1.7	0.01	0.1	0.1	3
SA5111912	0.5	0.5	4.51	5	0.07	0.005	1.1	0.05	0.005	0.1	0.05	3
SA5111913	0.5	0.5	5.00	2.5	0.11	0.33	2.8	0.9	0.005	0.1	0.05	3
SA5111914	0.5	0.5	5.06	2.5	0.16	0.07	4.0	1.1	0.005	0.1	0.05	3
SA5111915	1	0.5	4.78	7	0.13	0.20	4.6	2.2	0.01	0.1	0.1	10
SA5111916	0.5	0.5	4.97	5	0.19	0.64	4.3	2.6	0.10	0.1	0.6	4
SA5111917	1	0.5	5.07	8	0.21	0.97	4.2	2.1	0.05	0.1	0.9	6
SA5111918	2	0.5	4.86	6	0.11	0.31	2.8	2.1	0.01	3.6	0.2	16
SA5111919	1	0.5	5.43	8	0.19	0.57	4.0	1.8	0.04	0.5	0.6	19
SA5111920	0.5	0.5	4.91	2.5	0.14	0.39	3.5	1.3	0.02	0.1	0.4	4
SA5111921	0.5	0.5	5.10	2.5	0.16	0.45	4.3	0.8	0.03	0.1	0.3	2
SA5111922	0.5	0.5	4.86	5	0.17	0.26	3.6	2.1	0.02	0.1	0.2	2
SA5111923	0.5	1	4.80	8	0.19	1.01	4.3	4.2	0.02	0.1	0.5	5
SA5111924	3	1	4.50	14	0.23	1.27	5.9	8.1	0.13	0.1	1.3	40
SA5111925	0.5	0.5	4.97	13	0.24	0.79	5.2	3.2	0.14	0.1	1.0	12
SA5111926	1	0.5	4.61	13	0.16	1.10	5.2	5.0	0.03	0.2	0.7	6
SA5111927	1	0.5	5.31	8	0.23	0.33	4.7	1.7	0.02	0.1	0.3	5
SA5111928	0.5	0.5	5.07	2.5	0.10	0.22	2.7	1.1	0.01	0.1	0.1	3
SA5111929	1	0.5	5.00	8	0.11	0.28	2.9	1.3	0.01	0.1	0.3	5
SA5111930	0.5	1	4.66	2.5	0.09	0.24	1.3	0.9	0.01	0.1	0.05	10
SA5111931	1	0.5	4.84	10	0.11	0.02	1.6	1.7	0.005	0.1	0.05	19
SA5111932	1	0.5	4.73	21	0.11	0.27	2.3	0.5	0.005	0.1	0.05	16
SA5111933	1	3	4.64	6	0.13	0.58	3.6	2.8	0.01	0.1	0.4	11
SA5111934	1	0.5	4.83	5	0.12	0.61	3.9	2.4	0.01	0.1	0.1	5
SA5111935	0.5	0.5	5.22	2.5	0.11	0.30	3.0	1.0	0.01	0.1	0.1	1
SA5111936	0.5	0.5	4.91	5	0.09	0.21	4.0	1.5	0.01	0.1	0.05	3
SA5111937	3	0.5	4.93	7	0.10	0.005	1.8	0.5	0.005	0.1	0.05	7
SA5111938	1	0.5	4.35	31	0.21	0.005	0.8	0.7	0.07	0.1	0.05	5
SA5111939	1	0.5	4.98	2.5	0.12	0.63	4.0	1.0	0.005	0.1	0.05	8
SA5111940	0.5	0.5	5.13	6	0.09	0.21	5.4	1.0	0.005	0.1	0.05	4
SA5111941	0.5	0.5	4.84	10	0.13	0.58	4.8	3.4	0.01	0.4	0.2	8
SA5111942	1	0.5	4.54	6	0.06	0.005	0.4	0.05	0.005	0.1	0.05	2
SA5111943	1	1	5.18	2.5	0.14	0.53	3.9	0.9	0.02	0.1	0.05	7
SA5111944	0.5	0.5	4.67	2.5	0.11	0.03	2.5	0.5	0.005	0.1	0.05	2
SA5111945	0.5	0.5	4.61	2.5	0.09	0.02	1.8	0.3	0.005	0.1	0.05	2
SA5111946	0.5	0.5	4.98	10	0.22	0.94	6.5	3.8	0.04	0.1	0.8	10
SA5111947	1	0.5	4.71	10	0.23	1.40	7.1	5.4	0.05	0.1	1.7	13

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5111948	1	0.5	4.86	21	0.30	0.94	8.3	8.8	0.06	0.1	1.5	12
SA5111949	1	1	5.42	10	0.28	0.99	5.2	2.5	0.04	0.1	0.3	14
SA5111950	0.5	0.5	4.65	2.5	0.10	0.03	2.1	0.05	0.005	0.1	0.05	2
SA5111951	0.5	0.5	5.14	6	0.25	0.77	5.2	2.5	0.03	0.1	0.6	5
SA5111952	5	0.5	5.27	2.5	0.22	0.61	5.0	1.2	0.03	0.1	0.4	2
SA5111953	0.5	0.5	4.96	5	0.19	0.26	4.5	2.4	0.04	0.1	0.5	1
SA5111954	0.5	0.5	4.76	8	0.19	0.82	5.4	4.1	0.03	0.1	0.8	2
SA5111955	0.5	0.5	5.32	5	0.20	0.54	4.9	1.0	0.03	0.1	0.4	2
SA5111956	0.5	0.5	4.94	5	0.22	1.05	7.2	3.2	0.04	0.1	0.7	1
SA5111957	0.5	0.5	4.73	6	0.17	0.64	4.4	3.1	0.02	0.1	0.2	2
SA5111958	0.5	0.5	5.32	2.5	0.16	0.68	3.2	0.3	0.01	0.1	0.1	1
SA5111959	1	0.5	5.38	2.5	0.17	0.77	3.6	0.5	0.01	0.1	0.1	3
SA5111960	1	0.5	4.61	8	0.14	0.87	4.6	2.7	0.01	0.1	0.2	3
SA5111961	0.5	0.5	5.10	2.5	0.10	0.31	3.5	0.8	0.01	0.1	0.1	1
SA5111962	0.5	0.5	4.81	2.5	0.09	0.005	1.6	0.4	0.005	0.1	0.05	1
SA5111963	0.5	0.5	4.84	8	0.12	0.30	3.5	1.9	0.01	0.1	0.2	2
SA5111964	0.5	0.5	5.37	2.5	0.09	0.30	2.6	0.2	0.01	0.1	0.05	1
SA5111965	0.5	0.5	4.55	6	0.14	0.84	5.1	4.2	0.01	0.1	0.1	4
SA5111966	0.5	0.5	4.89	2.5	0.14	0.53	3.8	1.3	0.005	0.1	0.05	1
SA5111967	0.5	0.5	5.02	9	0.12	0.07	2.5	0.05	0.005	0.1	0.05	3
SA5111968	0.5	0.5	4.70	2.5	0.07	0.005	0.4	0.05	0.005	0.1	0.05	22
SA5111969	0.5	0.5	4.70	2.5	0.09	0.01	0.9	0.05	0.005	0.1	0.05	3
SA5111970	4	0.5	4.67	2.5	0.07	0.02	1.0	0.05	0.005	0.1	0.05	6
SA5111971	1	0.5	5.55	5	0.20	0.99	6.9	1.0	0.01	0.1	0.1	3
SA5111972	0.5	0.5	5.71	5	0.19	0.85	7.0	0.5	0.005	0.1	0.05	3
SA5111973	1	0.5	5.46	10	0.16	0.42	4.3	0.3	0.005	0.1	0.05	2
SA5111974	0.5	0.5	5.73	5	0.18	0.34	4.2	0.1	0.01	0.1	0.05	1
SA5111975	1	0.5	5.80	5	0.22	1.10	5.1	0.5	0.005	0.1	0.05	1
SA5111976	0.5	0.5	5.57	7	0.22	1.23	5.2	0.9	0.02	0.1	0.1	1
SA5111977	3	0.5	4.87	2.5	0.08	0.005	0.5	0.2	0.005	0.1	0.05	2
SA5111978	2	0.5	5.45	2.5	0.11	0.34	2.6	0.1	0.01	0.1	0.05	1
SA5111979	1	0.5	5.22	2.5	0.13	0.30	2.3	0.4	0.05	0.1	0.05	1
SA5111980	2	0.5	5.11	6	0.20	1.30	8.5	1.3	0.02	0.1	0.1	1
SA5111981	0.5	0.5	5.24	5	0.17	1.46	6.3	0.9	0.08	0.1	0.4	2
SA5111982	1	0.5	5.64	8	0.15	0.74	5.4	0.4	0.01	0.1	0.05	2
SA5111983	1	0.5	6.24	2.5	0.17	1.35	6.4	0.05	0.02	0.1	0.05	2
SA5111984	0.5	0.5	5.20	6	0.12	0.30	3.9	0.5	0.01	0.1	0.05	8
SA5111985	0.5	0.5	6.28	5	0.20	1.26	8.0	0.3	0.01	0.1	0.05	3
SA5111986	1	0.5	5.59	10	0.15	0.29	5.7	0.5	0.005	0.1	0.05	5
SA5111987	0.5	0.5	6.25	2.5	0.25	0.81	9.3	0.2	0.005	0.1	0.05	1
SA5111988	0.5	0.5	5.86	7	0.15	0.44	5.4	0.2	0.005	0.1	0.05	2
SA5111989	0.5	0.5	5.42	5	0.13	0.23	3.0	0.4	0.005	0.1	0.05	8
SA5111990	0.5	0.5	5.58	10	0.12	0.32	6.2	0.4	0.06	0.1	0.05	9
SA5111991	1	0.5	4.78	13	0.10	0.005	1.4	0.05	0.005	0.1	0.05	4
SA5111992	1	0.5	5.27	9	0.15	0.54	5.9	0.2	0.01	0.1	0.05	10
SA5111993	0.5	0.5	4.35	6	0.07	0.005	0.6	0.9	0.005	0.1	0.05	1
SA5111994	0.5	0.5	4.39	6	0.10	0.005	0.7	0.1	0.005	0.1	0.05	1
SA5111995	0.5	0.5	5.10	6	0.19	0.46	6.9	1.1	0.005	0.1	0.05	3
SA5111996	0.5	0.5	6.18	2.5	0.19	1.23	7.9	0.1	0.005	0.1	0.05	1
SA5111997	0.5	0.5	5.44	7	0.17	0.75	7.3	0.8	0.01	0.1	0.1	1
SA5111998	0.5	0.5	4.94	2.5	0.07	0.005	0.2	0.05	0.005	0.1	0.05	0.5
SA5111999	0.5	0.5	5.37	8	0.19	0.83	8.0	1.0	0.005	0.1	0.05	1
SA5112000	0.5	0.5	4.85	14	0.14	0.15	4.3	1.8	0.005	0.1	0.05	1
SA5112001	0.5	0.5	5.73	9	0.23	1.71	8.9	1.5	0.005	0.1	0.1	2
SA5112002	1	0.5	4.61	2.5	0.10	0.005	0.4	0.05	0.005	0.1	0.05	1
SA5112003	1	0.5	5.20	13	0.16	0.85	5.8	1.9	0.005	0.1	0.1	5
SA5112004	0.5	0.5	4.43	2.5	0.12	0.005	1.9	0.05	0.005	0.1	0.05	1

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112005	0.5	0.5	4.27	6	0.10	0.005	1.8	0.05	0.005	0.1	0.05	2
SA5112006	0.5	0.5	4.47	6	0.12	0.005	0.3	0.05	0.005	0.1	0.05	1
SA5112007	0.5	0.5	4.75	8	0.05	0.005	0.4	0.6	0.005	0.1	0.05	0.5
SA5112008	1	0.5	5.16	8	0.12	0.72	7.2	1.9	0.005	0.1	0.05	6
SA5112009	0.5	0.5	4.27	5	0.09	0.005	0.4	0.05	0.005	0.1	0.05	1
SA5112010	0.5	0.5	4.49	5	0.12	0.005	0.2	0.05	0.005	0.1	0.05	1
SA5112011	0.5	0.5	5.04	2.5	0.08	0.01	4.1	0.05	0.005	0.1	0.05	1
SA5112012	1	0.5	4.29	11	0.14	0.005	1.2	0.05	0.005	0.1	0.05	2
SA5112013	0.5	0.5	4.42	6	0.15	0.005	0.3	0.05	0.005	0.1	0.05	1
SA5112014	0.5	0.5	5.25	8	0.19	1.12	8.8	1.7	0.005	0.1	0.2	1
SA5112015	0.5	0.5	4.41	6	0.12	0.005	0.4	0.05	0.005	0.1	0.05	1
SA5112016	1	0.5	4.76	12	0.11	0.005	0.3	0.05	0.01	0.1	0.05	2
SA5112017	0.5	0.5	4.91	2.5	0.15	0.005	1.0	0.05	0.005	0.1	0.05	0.5
SA5112018	0.5	0.5	4.62	9	0.19	1.61	11.0	3.7	0.005	0.2	0.2	4
SA5112019	0.5	0.5	4.33	2.5	0.07	0.005	0.4	0.05	0.005	0.1	0.05	0.5
SA5112020	0.5	0.5	4.75	11	0.08	0.09	0.2	0.05	0.005	0.1	0.05	1
SA5112021	0.5	0.5	4.37	23	0.15	0.60	2.8	3.8	0.005	0.1	0.1	1
SA5112022	0.5	0.5	4.94	5	0.06	0.005	0.1	0.05	0.005	0.1	0.05	1
SA5112023	0.5	0.5	4.64	39	0.11	0.005	0.3	0.05	0.005	0.1	0.05	1
SA5112024	1	0.5	4.47	8	0.14	0.005	1.1	0.05	0.005	0.1	0.05	0.5
SA5112025	1	0.5	4.80	15	0.15	0.005	0.1	0.2	0.005	0.1	0.05	3
SA5112026	1	0.5	4.38	6	0.08	0.30	2.5	0.05	0.005	0.1	0.05	2
SA5112027	0.5	0.5	4.63	7	0.12	0.06	0.9	0.1	0.005	0.1	0.05	1
SA5112028	0.5	0.5	4.41	2.5	0.05	0.005	0.2	0.05	0.005	0.1	0.05	0.5
SA5112029	0.5	0.5	4.45	6	0.11	0.005	1.1	0.05	0.005	0.1	0.05	1
SA5112030	1	0.5	4.34	9	0.07	0.005	0.4	0.05	0.005	0.1	0.05	1
SA5112031	0.5	0.5	4.38	8	0.09	0.005	0.6	0.05	0.005	0.1	0.05	2
SA5112032	1	0.5	6.42	91	0.23	0.74	23.8	0.05	-9	0.2	0.5	7
SA5112033	1	0.5	5.40	6	0.17	0.88	4.9	0.6	0.02	0.1	0.1	3
SA5112034	1	0.5	4.30	5	0.09	0.20	3.1	0.05	0.08	0.1	0.05	0.5
SA5112035	1	0.5	4.68	2.5	0.07	0.005	0.5	0.05	0.005	0.1	0.05	2
SA5112036	1	0.5	5.59	6	0.15	0.58	2.9	0.05	0.01	0.1	0.05	1
SA5112037	0.5	0.5	4.59	8	0.07	0.005	1.1	1.3	0.005	0.1	0.05	2
SA5112038	2	0.5	5.93	18	0.26	0.50	7.8	0.05	0.005	0.1	0.05	2
SA5112039	1	1	5.83	9	0.28	1.45	11.9	1.8	0.005	0.1	0.3	1
SA5112040	0.5	0.5	5.02	2.5	0.07	0.07	1.4	0.6	0.01	0.1	0.3	3
SA5112041	0.5	0.5	4.55	2.5	0.08	0.005	0.7	0.05	0.005	0.1	0.05	1
SA5112042	0.5	0.5	4.75	2.5	0.07	0.005	0.3	0.05	0.005	0.1	0.05	1
SA5112043	1	0.5	4.69	7	0.10	0.005	1.7	0.05	0.005	0.1	0.05	4
SA5112044	-9	-9	4.50	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112045	2	0.5	4.55	7	0.21	0.09	1.8	0.1	-9	0.1	0.05	2
SA5112046	1	0.5	4.36	6	0.08	0.04	1.4	0.1	0.01	0.1	0.05	2
SA5112047	1	0.5	4.38	6	0.10	0.02	0.8	0.1	0.005	0.1	0.05	2
SA5112048	1	0.5	4.45	12	0.22	0.03	0.7	1.1	0.005	0.1	0.05	0.5
SA5112049	1	0.5	4.34	7	0.09	0.03	0.7	0.6	0.005	0.1	0.05	0.5
SA5112050	6	0.5	4.61	2.5	0.09	0.01	0.4	0.1	0.005	0.1	0.05	0.5
SA5112051	0.5	0.5	4.30	2.5	0.08	0.01	0.6	0.05	0.005	0.1	0.05	0.5
SA5112052	3	0.5	5.62	2.5	0.31	0.73	11.5	0.7	0.04	0.1	0.1	0.5
SA5112053	3	0.5	4.79	6	0.11	0.01	0.3	0.05	0.005	0.1	0.05	0.5
SA5112054	2	0.5	5.04	6	0.11	0.04	1.1	0.05	0.005	0.1	0.05	1
SA5112055	1	0.5	4.62	5	0.08	0.03	0.3	0.2	0.005	0.1	0.05	2
SA5112056	1	0.5	4.78	2.5	0.12	0.01	0.4	0.05	0.005	0.1	0.05	1
SA5112057	1	0.5	4.60	5	0.10	0.01	0.6	0.1	0.005	0.1	0.05	0.5
SA5112058	1	0.5	4.54	9	0.11	0.02	1.2	0.05	0.005	0.1	0.05	2
SA5112059	0.5	0.5	5.48	8	0.26	0.76	9.8	1.9	0.005	0.1	0.05	1
SA5112060	1	0.5	4.53	2.5	0.10	0.02	0.6	0.05	0.005	0.1	0.05	0.5
SA5112061	1	0.5	4.71	2.5	0.12	0.01	0.6	0.4	0.005	0.1	0.05	1

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112062	0.5	0.5	5.80	10	0.24	0.33	6.8	0.4	0.005	0.1	0.05	1
SA5112063	1	0.5	4.65	7	0.14	0.01	0.4	0.05	0.005	0.1	0.05	1
SA5112064	3	0.5	5.73	14	0.22	0.37	5.8	1.2	0.005	0.3	0.1	8
SA5112065	2	0.5	4.77	16	0.27	0.02	1.0	0.3	0.01	0.1	0.05	7
SA5112066	1	0.5	4.65	7	0.10	0.01	0.3	0.05	0.005	0.1	0.05	4
SA5112067	1	0.5	5.10	2.5	0.23	0.54	4.2	1.0	0.005	0.5	0.2	4
SA5112068	1	0.5	5.38	17	0.25	0.29	4.4	0.6	0.005	0.1	0.05	4
SA5112069	0.5	0.5	4.62	5	0.10	0.03	0.5	0.05	0.005	0.1	0.05	3
SA5112070	0.5	0.5	5.80	5	0.12	1.04	5.0	0.3	0.04	0.1	0.05	2
SA5112071	0.5	0.5	4.59	8	0.11	0.05	0.5	0.05	0.005	0.1	0.05	2
SA5112072	4	0.5	4.51	19	0.27	0.02	1.3	0.1	0.005	0.1	0.05	4
SA5112073	0.5	0.5	5.70	2.5	0.12	1.13	5.7	4.0	0.005	0.2	0.1	3
SA5112074	0.5	0.5	5.73	16	0.16	0.25	3.1	3.1	0.01	0.5	0.05	7
SA5112075	0.5	0.5	4.49	7	0.09	0.05	0.7	0.2	0.005	0.1	0.05	2
SA5112076	1	0.5	4.39	21	0.31	0.06	0.7	0.1	0.005	0.1	0.05	10
SA5112077	0.5	0.5	5.83	9	0.21	0.98	5.1	0.4	0.005	0.1	0.05	6
SA5112078	0.5	0.5	6.09	17	0.31	0.82	7.9	0.1	0.005	0.1	0.05	3
SA5112079	0.5	0.5	4.93	2.5	0.11	0.01	1.3	0.05	0.005	0.1	0.05	3
SA5112080	0.5	0.5	4.57	2.5	0.08	0.20	0.5	0.05	0.005	0.1	0.05	4
SA5112081	0.5	0.5	4.48	2.5	0.08	0.04	0.5	0.05	0.005	0.1	0.05	4
SA5112082	0.5	0.5	4.53	6	0.09	0.04	0.3	0.05	0.005	0.1	0.05	4
SA5112083	0.5	0.5	4.74	2.5	0.08	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112084	0.5	0.5	4.48	2.5	0.09	0.01	0.6	0.05	0.005	0.1	0.05	1
SA5112085	0.5	0.5	4.56	2.5	0.08	0.02	0.4	0.05	0.005	0.1	0.05	2
SA5112086	0.5	0.5	4.44	2.5	0.09	0.04	0.5	0.05	0.005	0.1	0.05	1
SA5112087	0.5	0.5	4.48	2.5	0.08	0.02	0.4	0.05	0.005	0.1	0.05	3
SA5112088	0.5	0.5	4.40	2.5	0.07	0.05	0.2	0.05	0.03	0.1	0.05	3
SA5112089	0.5	0.5	4.38	2.5	0.06	0.03	0.5	0.05	0.005	0.1	0.05	2
SA5112090	0.5	0.5	4.52	2.5	0.09	0.01	0.05	0.05	0.005	0.1	0.05	1
SA5112091	1	0.5	4.77	2.5	0.09	0.06	1.0	0.2	0.005	0.1	0.05	1
SA5112092	0.5	0.5	4.73	2.5	0.10	0.06	1.4	0.05	0.005	0.1	0.05	2
SA5112093	0.5	0.5	5.58	12	0.18	0.36	3.8	0.05	0.005	0.1	0.05	5
SA5112094	0.5	0.5	4.48	2.5	0.08	0.05	0.6	0.05	0.005	0.1	0.05	1
SA5112095	0.5	0.5	4.54	7	0.21	1.69	4.8	6.1	0.09	0.1	0.6	1
SA5112096	0.5	0.5	4.68	6	0.17	0.66	4.8	3.3	0.04	0.1	0.2	3
SA5112097	0.5	0.5	4.92	5	0.23	2.20	8.1	4.3	0.12	0.1	1.8	2
SA5112098	0.5	0.5	4.79	6	0.15	1.44	5.5	5.8	0.06	0.1	1.0	2
SA5112099	1	0.5	5.10	2.5	0.15	0.75	4.4	2.2	0.02	0.1	0.3	2
SA5112100	0.5	0.5	4.82	2.5	0.08	0.02	0.5	0.1	0.005	0.1	0.05	2
SA5112101	0.5	0.5	4.84	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	2
SA5112102	1	0.5	5.10	7	0.23	1.70	5.8	2.5	0.04	0.1	0.5	4
SA5112103	0.5	0.5	4.92	2.5	0.10	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112104	0.5	0.5	4.67	8	0.20	1.05	6.0	4.2	0.07	0.1	0.3	2
SA5112105	1	0.5	4.88	8	0.15	0.99	5.1	4.1	0.02	0.1	0.3	3
SA5112106	0.5	0.5	4.94	5	0.22	1.32	5.7	2.8	0.03	0.1	0.3	2
SA5112107	0.5	0.5	5.22	8	0.19	0.70	4.2	1.6	0.02	0.1	0.1	3
SA5112108	0.5	0.5	4.80	6	0.19	1.23	5.9	3.1	0.02	0.1	0.3	3
SA5112109	0.5	0.5	4.54	11	0.22	0.45	6.2	5.1	0.04	0.3	0.7	3
SA5112110	0.5	0.5	4.44	6	0.18	0.92	6.1	4.1	0.05	0.1	0.2	1
SA5112111	2	0.5	4.88	2.5	0.07	0.02	0.2	0.05	0.005	0.1	0.05	2
SA5112112	1	0.5	4.80	7	0.20	0.86	5.3	2.9	0.04	0.1	0.3	4
SA5112113	1	0.5	4.95	11	0.20	1.12	6.0	3.8	0.05	0.1	0.4	7
SA5112114	1	0.5	5.29	2.5	0.20	1.11	5.4	1.8	0.06	0.1	0.05	4
SA5112115	0.5	0.5	5.46	2.5	0.18	0.69	4.4	0.4	0.01	0.1	0.05	2
SA5112116	0.5	0.5	4.79	6	0.17	0.84	5.4	4.1	0.02	0.1	0.2	2
SA5112117	0.5	0.5	4.82	2.5	0.09	0.02	0.05	0.05	0.005	0.1	0.05	0.5
SA5112118	1	0.5	4.90	11	0.17	0.57	4.6	3.3	0.02	0.3	0.3	7

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112119	1	0.5	4.84	14	0.12	0.03	0.4	0.05	0.005	0.1	0.05	9
SA5112120	0.5	0.5	4.92	2.5	0.15	0.39	4.4	2.1	0.01	0.1	0.1	2
SA5112121	0.5	0.5	4.67	7	0.13	0.86	4.5	3.5	0.02	0.1	0.2	8
SA5112122	0.5	0.5	4.89	5	0.13	0.54	4.3	2.4	0.02	0.1	0.05	2
SA5112123	0.5	0.5	4.90	2.5	0.14	0.63	3.3	0.6	0.005	0.1	0.05	14
SA5112124	1	0.5	5.47	9	0.21	1.07	3.9	4.0	0.02	0.1	0.3	13
SA5112125	0.5	0.5	5.67	2.5	0.26	0.84	3.7	1.4	0.01	0.1	0.05	5
SA5112126	1	0.5	5.67	7	0.24	0.84	3.7	2.3	0.02	0.1	0.1	11
SA5112127	0.5	0.5	5.68	2.5	0.17	0.45	2.9	0.7	0.01	0.1	0.3	14
SA5112128	0.5	0.5	5.14	2.5	0.12	0.28	2.8	1.1	0.01	0.1	0.1	3
SA5112129	1	0.5	4.84	5	0.17	0.94	3.7	3.1	0.03	0.1	0.4	4
SA5112130	1	0.5	5.05	27	0.18	1.41	4.4	4.2	0.05	0.1	1.3	10
SA5112131	0.5	0.5	4.71	2.5	0.11	0.005	0.4	0.05	0.005	0.1	0.05	5
SA5112132	1	0.5	4.96	2.5	0.17	0.69	2.7	2.0	0.09	0.1	0.2	7
SA5112133	0.5	0.5	4.72	6	0.10	0.01	0.4	0.05	0.005	0.1	0.05	5
SA5112134	1	0.5	4.84	2.5	0.09	0.005	0.2	0.05	0.005	0.1	0.05	6
SA5112135	0.5	0.5	5.23	5	0.13	0.54	3.3	1.0	0.02	0.1	0.2	3
SA5112136	1	0.5	4.78	2.5	0.11	0.005	0.2	0.1	0.01	0.1	0.05	2
SA5112137	1	0.5	4.41	6	0.09	0.005	0.9	0.1	0.005	0.1	0.05	5
SA5112138	1	0.5	4.93	6	0.24	0.75	3.9	3.9	0.02	0.1	0.2	4
SA5112139	0.5	0.5	5.41	2.5	0.21	0.46	4.3	1.5	0.02	0.1	0.2	7
SA5112140	0.5	0.5	4.90	2.5	0.10	0.005	0.1	0.05	-9	0.1	0.05	2
SA5112141	1	0.5	5.36	15	0.18	0.01	1.3	3.4	0.01	0.4	0.7	6
SA5112142	1	0.5	5.27	2.5	0.18	0.42	3.5	1.0	0.02	0.1	0.3	6
SA5112143	0.5	0.5	4.93	2.5	0.11	0.24	2.5	1.1	0.02	0.1	0.1	9
SA5112144	0.5	0.5	5.34	2.5	0.19	0.50	3.5	0.9	0.01	0.1	0.1	5
SA5112145	0.5	0.5	4.87	5	0.15	0.75	4.7	4.0	0.09	0.2	1.8	3
SA5112146	0.5	0.5	4.87	2.5	0.11	0.10	1.9	1.4	0.01	0.1	0.05	2
SA5112147	0.5	0.5	4.86	5	0.21	1.34	6.1	5.0	0.11	0.1	0.8	3
SA5112148	0.5	0.5	5.88	5	0.29	1.74	5.5	0.5	0.005	0.1	0.05	2
SA5112149	0.5	0.5	5.25	2.5	0.25	1.45	0.05	0.05	0.005	0.1	0.05	0.5
SA5112150	0.5	0.5	4.88	2.5	0.08	0.005	0.4	0.05	0.005	0.1	0.05	3
SA5112151	0.5	0.5	4.65	2.5	0.07	0.02	1.2	0.05	0.005	0.1	0.05	3
SA5112152	0.5	0.5	4.71	2.5	0.08	0.005	0.4	0.05	0.005	0.1	0.05	9
SA5112153	0.5	0.5	4.37	6	0.13	0.005	1.2	0.05	0.005	0.1	0.05	3
SA5112154	0.5	0.5	4.39	6	0.12	0.005	1.4	0.6	0.01	0.1	0.1	10
SA5112155	0.5	0.5	4.53	10	0.10	0.005	0.9	0.05	0.005	0.1	0.05	7
SA5112156	0.5	0.5	5.40	7	0.21	0.58	7.4	0.8	0.005	0.1	0.05	6
SA5112157	0.5	0.5	4.53	9	0.10	0.005	0.7	0.1	0.005	0.1	0.05	4
SA5112158	0.5	0.5	5.87	28	0.10	1.41	7.9	0.2	0.005	0.1	0.05	6
SA5112159	0.5	0.5	4.33	8	0.17	0.005	1.8	0.05	0.005	0.1	0.05	3
SA5112160	0.5	0.5	4.68	14	0.13	0.005	0.2	0.05	0.005	0.1	0.05	4
SA5112161	0.5	0.5	5.26	7	0.19	0.80	7.8	0.8	0.005	0.1	0.05	4
SA5112162	0.5	1	4.69	6	0.10	0.005	0.9	0.2	0.005	0.1	0.05	5
SA5112163	0.5	0.5	4.51	2.5	0.06	0.005	0.3	0.3	0.005	0.1	0.05	9
SA5112164	0.5	0.5	4.61	5	0.14	0.005	0.5	0.05	0.06	0.1	0.05	2
SA5112165	0.5	0.5	5.56	9	0.15	0.70	6.1	0.5	0.005	0.1	0.05	4
SA5112166	0.5	0.5	5.75	16	0.14	0.59	4.8	2.2	0.005	0.1	0.05	7
SA5112167	0.5	0.5	4.69	2.5	0.09	0.07	2.8	0.3	0.005	0.1	0.05	4
SA5112168	0.5	0.5	4.77	14	0.12	0.005	1.4	1.4	0.005	0.9	0.3	6
SA5112169	0.5	0.5	5.64	13	0.13	0.26	3.8	1.2	0.005	0.1	0.05	3
SA5112170	0.5	0.5	5.06	7	0.14	0.78	5.0	4.3	0.02	0.1	0.05	5
SA5112171	1	0.5	4.43	2.5	0.07	0.10	1.3	0.05	0.005	0.1	0.05	4
SA5112172	0.5	0.5	5.58	5	0.09	0.76	5.8	0.3	0.005	0.1	0.05	0.5
SA5112173	0.5	0.5	4.45	2.5	0.07	0.10	1.3	0.05	0.01	0.1	0.05	2
SA5112174	4	0.5	5.65	48	0.35	0.69	6.1	0.05	0.005	0.1	0.05	56
SA5112175	0.5	0.5	5.08	25	0.17	0.06	2.7	10.9	0.01	0.1	0.05	2

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112176	0.5	0.5	5.05	13	0.08	0.03	1.7	1.5	0.01	0.4	0.05	2
SA5112177	0.5	0.5	5.35	10	0.08	0.14	2.4	1.0	0.005	0.1	0.05	0.5
SA5112178	1	0.5	4.77	5	0.08	0.005	0.9	0.5	0.005	0.1	0.05	2
SA5112179	0.5	0.5	5.73	10	0.11	0.38	3.9	0.4	0.005	0.1	0.05	1
SA5112180	1	0.5	4.77	2.5	0.07	0.12	1.6	0.05	0.005	0.1	0.05	1
SA5112181	0.5	0.5	4.45	2.5	0.07	0.005	0.8	0.5	0.005	0.1	0.05	0.5
SA5112182	0.5	0.5	4.45	5	0.07	0.005	0.7	0.05	0.02	0.1	0.05	0.5
SA5112183	0.5	0.5	5.70	10	0.11	0.20	4.3	0.9	0.005	0.1	0.05	0.5
SA5112184	0.5	0.5	5.93	5	0.07	0.11	3.1	0.05	0.005	0.1	0.05	0.5
SA5112185	1	0.5	4.38	21	0.11	0.01	1.4	0.6	0.005	0.1	0.05	23
SA5112186	1	0.5	4.94	12	0.07	0.22	3.0	0.05	0.005	0.1	0.05	7
SA5112187	1	0.5	4.96	5	0.08	0.07	2.0	0.05	0.005	0.1	0.05	1
SA5112188	0.5	0.5	4.52	2.5	0.11	0.005	2.2	0.05	0.005	0.1	0.05	1
SA5112189	1	0.5	4.35	10	0.10	0.02	0.5	0.05	0.005	0.1	0.05	1
SA5112190	0.5	0.5	5.21	5	0.11	0.50	3.3	0.2	0.03	0.1	0.05	2
SA5112191	2	0.5	4.66	2.5	0.05	0.01	0.2	0.05	0.01	0.1	0.05	1
SA5112192	1	0.5	6.25	2.5	0.36	0.45	6.3	0.05	0.01	0.1	0.05	1
SA5112193	1	0.5	5.16	5	0.12	0.27	2.6	0.3	0.01	0.1	0.05	0.5
SA5112194	0.5	0.5	5.28	5	0.13	0.52	4.1	1.7	0.02	0.1	0.05	1
SA5112195	0.5	0.5	5.11	5	0.16	1.22	3.8	1.4	0.01	0.1	0.3	1
SA5112196	1	0.5	5.55	2.5	0.14	0.43	2.5	0.2	0.005	0.1	0.05	10
SA5112197	1	0.5	6.15	6	0.38	0.69	7.9	0.05	0.005	0.1	0.05	3
SA5112198	1	1	5.76	5	0.15	0.45	3.1	0.2	0.03	0.1	0.05	8
SA5112199	2	0.5	5.65	2.5	0.25	1.23	6.0	0.2	0.01	0.1	0.05	0.5
SA5112200	1	0.5	5.96	8	0.07	0.15	3.1	1.4	0.005	0.1	0.05	10
SA5112201	0.5	0.5	5.49	2.5	0.14	0.12	4.1	0.3	0.005	0.1	0.05	0.5
SA5112202	1	0.5	5.02	2.5	0.17	0.65	3.4	0.05	0.005	0.1	0.05	2
SA5112203	1	0.5	5.73	2.5	0.21	1.18	6.9	0.9	0.02	0.1	0.05	0.5
SA5112204	0.5	0.5	4.60	6	0.14	0.005	1.0	0.05	0.005	0.1	0.05	0.5
SA5112205	0.5	0.5	5.44	2.5	0.20	0.93	5.0	1.1	0.06	0.1	0.2	2
SA5112206	0.5	0.5	4.88	5	0.18	0.95	4.3	2.0	0.005	0.1	0.05	1
SA5112207	0.5	0.5	4.90	2.5	0.21	1.18	4.8	3.1	0.02	0.1	0.05	2
SA5112208	0.5	0.5	5.42	5	0.17	0.50	4.2	1.2	0.02	0.1	0.2	3
SA5112209	1	0.5	4.57	2.5	0.14	1.03	3.1	4.7	0.01	0.1	0.05	3
SA5112210	1	0.5	4.82	2.5	0.07	0.07	1.3	0.05	0.005	0.1	0.3	0.5
SA5112211	0.5	0.5	5.52	5	0.15	0.53	4.6	0.8	0.005	0.1	0.3	0.5
SA5112212	1	0.5	4.44	10	0.10	0.04	1.2	0.8	0.005	0.1	0.05	1
SA5112213	1	0.5	4.33	5	0.09	0.06	1.3	0.4	0.005	0.1	0.05	1
SA5112214	2	0.5	4.33	5	0.09	0.07	1.3	0.4	0.005	0.1	0.05	0.5
SA5112215	1	0.5	4.52	2.5	0.07	0.01	0.2	0.05	0.005	0.1	0.05	1
SA5112216	0.5	0.5	4.53	8	0.07	0.02	0.5	0.05	0.005	0.1	0.05	0.5
SA5112217	0.5	0.5	4.34	2.5	0.08	0.03	1.3	0.5	0.005	0.1	0.05	0.5
SA5112218	1	0.5	4.61	9	0.10	0.06	2.5	0.05	0.005	0.1	0.05	2
SA5112219	1	0.5	4.52	8	0.09	0.02	1.0	0.05	0.005	0.1	0.05	1
SA5112220	0.5	0.5	4.70	9	0.07	0.44	4.2	0.6	0.005	0.1	0.05	1
SA5112221	1	0.5	5.62	8	0.10	0.56	4.9	2.0	0.01	0.1	0.05	1
SA5112222	1	0.5	5.15	2.5	0.07	0.04	0.5	0.05	0.005	0.1	0.05	0.5
SA5112223	1	0.5	4.56	2.5	0.12	0.18	1.7	0.05	0.005	0.1	0.1	1
SA5112224	1	0.5	4.89	2.5	0.07	0.03	0.6	0.3	0.005	0.1	0.05	1
SA5112225	4	0.5	5.32	10	0.11	0.25	3.5	0.8	0.005	0.1	0.05	0.5
SA5112226	0.5	0.5	5.22	2.5	0.07	0.16	3.3	1.8	0.005	0.1	0.05	0.5
SA5112227	0.5	0.5	4.75	2.5	0.08	0.05	0.9	0.05	0.005	0.1	0.05	1
SA5112228	0.5	0.5	5.80	8	0.16	0.14	3.6	0.5	0.005	0.1	0.05	0.5
SA5112229	0.5	0.5	4.58	2.5	0.07	0.02	0.5	0.4	0.005	0.1	0.05	2
SA5112230	0.5	0.5	5.35	7	0.18	0.79	4.4	1.5	0.01	0.2	0.05	3
SA5112231	1	0.5	5.51	13	0.13	0.17	2.6	0.4	0.005	0.1	0.05	3
SA5112232	0.5	0.5	5.88	2.5	0.20	0.95	4.2	0.05	0.005	0.1	0.3	1

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112233	1	0.5	4.76	2.5	0.08	0.02	0.4	0.05	0.005	0.1	0.05	2
SA5112234	1	0.5	4.74	2.5	0.10	0.05	0.6	0.05	0.005	0.1	0.05	3
SA5112235	2	0.5	4.79	2.5	0.09	0.02	0.6	0.05	0.005	0.1	0.05	4
SA5112236	1	0.5	4.95	6	0.14	0.85	3.6	1.4	0.005	0.1	0.05	32
SA5112237	0.5	0.5	6.16	8	0.32	1.38	8.0	0.8	0.005	0.1	0.05	3
SA5112238	1	0.5	4.92	2.5	0.18	0.13	4.6	1.0	0.005	0.1	0.05	4
SA5112239	1	0.5	4.34	2.5	0.09	0.07	0.6	0.2	0.005	0.1	0.05	3
SA5112240	0.5	0.5	5.30	7	0.20	0.78	5.5	1.3	0.005	0.1	0.05	2
SA5112241	1	0.5	5.18	6	0.27	1.87	6.5	2.6	0.08	0.1	0.4	3
SA5112242	0.5	0.5	4.91	6	0.18	0.64	4.1	0.6	0.005	0.1	0.05	4
SA5112243	1	0.5	4.69	7	0.20	1.53	7.7	2.4	0.005	0.1	0.05	7
SA5112244	2	0.5	5.03	6	0.21	1.35	7.4	2.6	0.01	0.1	0.05	3
SA5112245	0.5	0.5	5.17	6	0.28	1.89	6.6	2.7	0.03	0.1	0.2	3
SA5112246	0.5	0.5	4.61	2.5	0.07	0.03	0.4	0.05	0.005	0.1	0.05	0.5
SA5112247	0.5	0.5	5.02	2.5	0.18	0.53	2.5	0.05	0.005	0.1	0.05	1
SA5112248	1	0.5	4.85	2.5	0.08	0.01	0.3	0.3	0.005	0.2	0.2	2
SA5112249	0.5	0.5	4.91	2.5	0.12	0.32	2.3	0.05	0.005	0.1	0.2	2
SA5112250	1	0.5	5.36	5	0.18	0.71	5.3	0.4	0.005	0.1	0.05	2
SA5112251	6	0.5	5.25	13	0.33	0.93	6.8	0.5	0.01	0.1	0.05	2
SA5112252	1	0.5	5.03	7	0.27	0.77	6.4	1.4	0.01	0.1	0.05	2
SA5112253	4	0.5	5.13	9	0.23	0.56	6.5	1.2	0.01	0.1	0.05	3
SA5112254	1	0.5	5.66	5	0.39	0.50	7.5	0.2	0.005	0.1	0.05	3
SA5112255	1	0.5	4.76	5	0.16	1.51	4.7	2.1	0.01	0.1	0.05	2
SA5112256	2	0.5	5.58	20	0.22	0.68	6.2	0.8	0.01	0.1	0.05	2
SA5112257	0.5	0.5	5.56	2.5	0.24	1.02	5.3	0.1	0.01	0.1	0.05	2
SA5112258	1	0.5	4.82	6	0.20	0.47	3.2	0.05	0.005	0.1	0.05	3
SA5112259	0.5	0.5	5.45	2.5	0.17	0.62	5.5	0.05	0.005	0.1	0.1	2
SA5112260	0.5	0.5	5.35	5	0.14	0.14	2.1	0.05	0.005	0.1	0.1	1
SA5112261	2	0.5	4.98	2.5	0.12	0.30	4.6	1.3	0.01	0.1	0.1	1
SA5112262	0.5	0.5	4.60	5	0.11	0.19	3.9	1.2	0.06	0.1	0.05	4
SA5112263	1	0.5	4.79	6	0.13	0.30	5.2	1.0	0.01	0.1	0.05	3
SA5112264	1	0.5	4.55	2.5	0.10	0.06	1.6	0.1	0.01	0.1	0.05	5
SA5112265	0.5	0.5	5.12	2.5	0.11	0.13	3.3	0.1	0.005	0.1	0.05	3
SA5112266	0.5	0.5	4.75	5	0.09	0.03	1.1	0.05	0.01	0.1	0.05	3
SA5112267	1	0.5	4.68	2.5	0.10	0.005	0.4	0.05	0.005	0.1	0.05	2
SA5112268	3	0.5	5.34	9	0.14	0.21	4.3	0.5	0.005	0.1	0.05	1
SA5112269	0.5	0.5	4.48	7	0.12	0.97	4.6	3.0	0.01	0.1	0.2	18
SA5112270	0.5	0.5	5.34	6	0.13	0.26	2.7	0.4	0.03	0.1	0.1	2
SA5112271	1	0.5	5.04	2.5	0.12	0.10	2.8	0.3	0.01	0.1	0.05	1
SA5112272	1	0.5	4.69	6	0.08	0.04	1.1	0.05	0.01	0.1	0.05	1
SA5112273	1	0.5	4.65	11	0.15	0.68	5.2	3.5	0.02	0.1	0.1	1
SA5112274	0.5	0.5	4.71	2.5	0.07	0.01	0.3	0.05	0.005	0.1	0.05	1
SA5112275	0.5	0.5	5.63	7	0.22	0.49	4.2	0.1	0.01	0.1	0.05	6
SA5112276	2	0.5	5.99	6	0.21	1.65	8.5	1.4	0.02	0.1	0.05	6
SA5112277	0.5	0.5	4.58	6	0.07	0.04	0.3	0.05	0.005	0.1	0.05	1
SA5112278	1	0.5	5.92	2.5	0.19	0.46	5.7	1.0	0.02	0.1	0.05	4
SA5112279	0.5	0.5	4.96	2.5	0.12	0.30	5.3	1.5	0.005	0.1	0.05	3
SA5112280	0.5	0.5	5.13	5	0.19	1.08	8.8	1.1	0.005	0.1	0.05	2
SA5112281	0.5	0.5	4.85	6	0.08	0.05	0.6	0.05	0.005	0.1	0.05	9
SA5112282	0.5	0.5	5.85	2.5	0.23	1.16	9.5	0.1	0.005	0.1	0.05	2
SA5112283	1	0.5	5.84	5	0.26	1.50	5.6	0.05	0.005	0.1	0.05	23
SA5112284	0.5	0.5	5.12	8	0.16	1.80	6.4	1.5	0.005	0.1	0.05	3
SA5112285	0.5	0.5	4.90	5	0.12	0.58	6.6	0.3	0.01	0.1	0.05	7
SA5112286	0.5	0.5	4.91	7	0.08	0.05	0.2	0.05	0.005	0.1	0.05	27
SA5112287	0.5	0.5	4.85	5	0.07	0.01	0.2	0.05	0.005	0.1	0.05	3
SA5112288	0.5	0.5	6.05	2.5	0.24	1.21	8.5	0.05	0.005	0.1	0.05	6
SA5112289	0.5	0.5	4.97	2.5	0.06	0.01	0.1	0.05	0.005	0.1	0.05	5

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112290	0.5	0.5	5.68	2.5	0.19	0.75	9.7	0.1	0.005	0.1	0.05	2
SA5112291	1	0.5	6.20	2.5	0.26	1.71	9.3	0.3	0.005	0.1	0.05	3
SA5112292	0.5	0.5	4.81	7	0.12	0.03	0.4	0.05	0.005	0.1	0.05	2
SA5112293	0.5	0.5	5.84	5	0.23	0.73	7.2	0.05	0.005	0.1	0.05	2
SA5112294	0.5	0.5	5.30	7	0.23	1.98	8.6	2.4	0.03	0.1	0.05	5
SA5112295	0.5	0.5	5.63	8	0.19	0.96	7.3	2.0	0.02	0.1	0.05	7
SA5112296	0.5	0.5	5.56	2.5	0.23	1.69	8.8	0.9	0.01	0.1	0.05	2
SA5112297	0.5	0.5	5.67	2.5	0.24	1.40	10.2	0.1	0.005	0.1	0.05	1
SA5112298	0.5	0.5	4.70	2.5	0.05	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112299	1	0.5	5.58	8	0.23	1.23	9.4	1.1	0.02	0.1	0.05	6
SA5112300	0.5	0.5	4.91	7	0.07	0.12	1.7	0.3	0.005	0.1	0.05	6
SA5112301	0.5	0.5	4.55	2.5	0.10	0.11	1.6	0.05	0.005	0.1	0.05	1
SA5112302	0.5	0.5	4.58	2.5	0.08	0.06	0.5	0.05	0.005	0.1	0.05	4
SA5112303	1	0.5	4.73	2.5	0.06	0.01	0.05	0.05	0.005	0.1	0.05	12
SA5112304	0.5	0.5	6.48	2.5	0.43	1.20	11.2	0.05	0.01	0.1	0.05	4
SA5112305	0.5	0.5	5.53	7	0.22	1.29	10.8	0.5	0.02	0.1	0.05	5
SA5112306	0.5	0.5	6.06	2.5	0.22	0.97	8.1	0.05	0.01	0.1	0.05	1
SA5112307	0.5	0.5	4.97	2.5	0.07	0.02	0.1	0.05	0.06	0.1	0.05	2
SA5112308	0.5	0.5	5.51	2.5	0.21	0.88	8.9	0.5	0.04	0.1	0.05	1
SA5112309	0.5	0.5	5.01	2.5	0.09	0.08	0.5	0.05	0.005	0.1	0.05	1
SA5112310	0.5	0.5	5.15	5	0.16	0.76	5.9	1.5	0.02	0.1	0.05	2
SA5112311	1	0.5	4.80	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	3
SA5112312	0.5	0.5	4.70	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112313	0.5	0.5	5.50	2.5	0.17	0.83	5.0	0.05	0.02	0.1	0.05	2
SA5112314	2	0.5	5.37	2.5	0.17	1.20	5.2	0.4	0.02	0.1	0.05	1
SA5112315	0.5	0.5	5.44	2.5	0.15	0.78	5.2	0.4	0.02	0.1	0.05	1
SA5112316	0.5	0.5	5.38	7	0.15	0.65	5.1	1.3	0.03	0.1	0.05	4
SA5112317	0.5	0.5	4.77	2.5	0.06	0.01	0.1	0.05	0.005	0.1	0.05	3
SA5112318	0.5	0.5	6.47	2.5	0.63	1.02	19.3	0.1	0.02	0.1	0.05	3
SA5112319	0.5	0.5	6.17	6	0.34	0.59	18.3	1.3	0.01	0.1	0.05	1
SA5112320	0.5	0.5	4.58	2.5	0.06	0.08	0.6	0.05	0.005	0.1	0.05	3
SA5112321	0.5	0.5	4.70	2.5	0.07	0.01	0.3	0.05	0.005	0.1	0.05	3
SA5112322	0.5	0.5	4.64	2.5	0.07	0.05	0.9	0.05	0.005	0.1	0.05	3
SA5112323	0.5	0.5	4.98	7	0.16	0.70	11.2	2.5	0.01	0.1	0.05	3
SA5112324	0.5	0.5	5.16	14	0.30	1.34	28.4	4.3	0.04	0.1	0.05	5
SA5112325	0.5	0.5	4.95	2.5	0.08	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112326	0.5	0.5	4.57	15	0.09	0.14	1.3	0.05	0.005	0.1	0.05	3
SA5112327	0.5	0.5	5.04	7	0.15	0.73	7.9	2.0	0.02	0.1	0.05	1
SA5112328	0.5	0.5	5.78	8	0.17	0.66	4.3	0.05	0.03	0.1	0.05	2
SA5112329	0.5	0.5	4.76	9	0.14	0.72	5.1	1.7	0.02	0.1	0.05	4
SA5112330	0.5	0.5	4.51	6	0.07	0.03	0.9	0.05	0.005	0.1	0.05	1
SA5112331	0.5	0.5	4.82	2.5	0.13	0.56	5.1	2.9	0.02	0.1	0.05	2
SA5112332	0.5	0.5	5.14	10	0.17	0.52	5.1	1.7	0.02	0.1	0.05	7
SA5112333	0.5	0.5	4.88	2.5	0.13	0.74	4.6	2.3	0.02	0.1	0.05	3
SA5112334	0.5	0.5	4.66	2.5	0.08	0.06	1.5	0.5	0.03	0.1	0.05	3
SA5112335	0.5	0.5	4.40	2.5	0.07	0.14	1.3	0.05	0.005	0.1	0.05	3
SA5112336	0.5	0.5	4.49	8	0.13	0.69	4.8	4.7	0.04	0.1	0.05	4
SA5112337	0.5	0.5	4.64	8	0.08	0.01	0.3	0.05	0.005	0.1	0.05	1
SA5112338	0.5	0.5	4.49	2.5	0.06	0.06	0.05	0.05	0.005	0.1	0.05	6
SA5112339	0.5	0.5	5.36	2.5	0.16	1.98	7.4	1.1	0.02	0.1	0.05	3
SA5112340	0.5	0.5	5.94	2.5	0.24	1.14	6.8	0.3	0.02	0.1	0.05	1
SA5112341	0.5	0.5	4.16	24	0.09	0.07	0.5	0.5	0.01	0.1	0.05	8
SA5112342	0.5	0.5	5.20	6	0.27	0.90	9.1	2.5	0.04	0.1	0.05	4
SA5112343	0.5	0.5	5.23	2.5	0.19	1.18	5.6	0.4	0.03	0.1	0.05	1
SA5112344	0.5	0.5	5.03	6	0.16	1.38	7.8	2.7	0.02	0.1	0.05	3
SA5112345	0.5	0.5	5.21	2.5	0.14	1.05	8.4	2.7	0.01	0.1	0.05	1
SA5112346	0.5	0.5	5.34	2.5	0.15	0.77	7.2	1.6	0.01	0.1	0.05	2

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112347	0.5	0.5	4.82	2.5	0.08	0.10	1.3	0.05	0.005	0.1	0.05	3
SA5112348	0.5	0.5	5.86	2.5	0.20	1.02	5.1	0.05	0.01	0.1	0.05	4
SA5112349	0.5	0.5	5.04	2.5	0.13	0.91	4.9	1.1	0.02	0.1	0.05	1
SA5112350	0.5	0.5	5.21	9	0.16	1.27	8.0	3.9	0.13	0.1	0.05	4
SA5112351	0.5	0.5	5.55	13	0.39	1.50	11.8	3.7	0.86	0.1	0.05	6
SA5112352	0.5	0.5	5.03	10	0.17	0.36	4.6	1.0	0.25	0.1	0.05	5
SA5112353	0.5	0.5	4.07	2.5	0.15	1.35	8.7	1.6	0.08	0.1	0.05	2
SA5112354	22	0.5	4.47	7	0.15	0.78	3.7	1.7	0.18	0.1	0.05	5
SA5112355	0.5	0.5	5.55	6	0.15	1.60	8.0	2.3	0.44	0.1	0.05	4
SA5112356	0.5	0.5	4.38	2.5	0.07	0.06	0.6	0.05	0.09	0.1	0.05	1
SA5112357	0.5	0.5	4.59	2.5	0.08	0.03	0.5	0.05	0.15	0.1	0.05	3
SA5112358	2	0.5	4.33	9	0.09	0.05	0.7	0.6	0.20	0.1	0.05	5
SA5112359	0.5	0.5	5.55	5	0.14	1.60	7.9	1.8	0.43	0.1	0.05	1
SA5112360	0.5	0.5	5.68	2.5	0.15	1.18	6.0	0.2	0.06	0.1	0.05	3
SA5112361	0.5	0.5	5.43	2.5	0.14	1.74	6.8	1.1	0.11	0.1	0.05	2
SA5112362	0.5	0.5	5.40	2.5	0.19	1.19	5.8	0.6	0.05	0.1	0.05	1
SA5112363	1	0.5	5.94	6	0.39	1.14	9.7	2.2	0.03	0.2	0.1	2
SA5112364	0.5	0.5	5.36	2.5	0.18	1.21	5.6	1.4	0.06	0.1	0.05	1
SA5112365	0.5	0.5	4.96	5	0.15	1.32	5.4	3.2	0.14	0.2	0.05	2
SA5112366	0.5	0.5	5.16	2.5	0.15	0.98	5.8	1.9	0.06	0.1	0.05	7
SA5112367	0.5	0.5	5.32	2.5	0.16	1.05	4.8	0.7	0.05	0.1	0.05	1
SA5112368	0.5	0.5	4.92	5	0.14	1.16	6.3	2.3	0.09	0.1	0.05	2
SA5112369	3	0.5	5.02	9	0.16	1.36	5.5	3.9	0.17	0.4	0.05	3
SA5112370	0.5	0.5	5.80	2.5	0.27	0.99	5.9	0.3	0.05	0.1	0.05	1
SA5112371	1	0.5	5.30	5	0.12	0.82	5.5	2.1	0.04	0.1	0.05	4
SA5112372	0.5	0.5	4.65	2.5	0.09	0.30	1.2	0.3	0.01	0.1	0.05	2
SA5112373	0.5	0.5	4.94	2.5	0.11	0.32	4.0	0.6	0.01	0.1	0.05	2
SA5112374	1	0.5	5.19	2.5	0.14	0.57	6.6	1.8	0.07	0.1	0.05	3
SA5112375	0.5	0.5	4.91	2.5	0.08	0.61	3.2	0.7	0.02	0.1	0.05	2
SA5112376	0.5	0.5	4.84	18	0.18	1.23	4.3	1.4	0.02	0.1	0.05	1
SA5112377	0.5	0.5	4.86	7	0.16	1.15	6.6	2.7	0.04	0.1	0.05	1
SA5112378	0.5	0.5	5.53	2.5	0.19	0.90	5.3	0.8	0.03	0.1	0.05	1
SA5112379	1	0.5	5.23	5	0.24	2.07	6.3	1.1	0.05	0.1	0.05	2
SA5112380	0.5	0.5	5.45	2.5	0.20	1.16	6.4	0.6	0.03	0.1	0.05	1
SA5112381	1	0.5	4.96	2.5	0.08	0.03	0.3	0.05	0.005	0.1	0.05	9
SA5112382	2	0.5	5.48	6	0.16	1.04	6.3	0.7	0.02	0.1	0.05	9
SA5112383	1	0.5	4.79	2.5	0.07	0.02	0.7	0.05	0.01	0.1	0.05	5
SA5112384	1	0.5	4.61	2.5	0.07	0.01	0.5	0.05	0.01	0.1	0.05	4
SA5112385	3	0.5	5.23	5	0.18	1.15	6.3	2.0	0.04	0.1	0.05	6
SA5112386	3	0.5	5.36	6	0.22	1.21	6.5	1.9	0.09	0.1	0.05	7
SA5112387	0.5	0.5	5.09	2.5	0.13	1.14	5.3	1.5	0.07	0.1	0.05	2
SA5112388	2	0.5	5.28	8	0.21	1.04	8.6	2.3	0.07	0.1	0.05	3
SA5112389	0.5	0.5	4.48	2.5	0.06	0.01	0.3	0.05	0.005	0.1	0.05	1
SA5112390	0.5	0.5	5.08	5	0.21	1.02	8.6	3.2	0.03	0.3	0.05	2
SA5112391	0.5	0.5	5.79	2.5	0.28	1.05	6.2	0.05	0.04	0.1	0.05	1
SA5112392	1	0.5	4.85	10	0.13	0.82	4.9	3.4	0.13	0.1	0.05	4
SA5112393	1	0.5	5.75	12	0.29	1.08	6.1	0.05	0.05	0.1	0.05	4
SA5112394	3	0.5	4.70	6	0.16	1.28	6.4	4.7	0.14	0.1	0.05	2
SA5112395	0.5	0.5	5.65	2.5	0.17	0.86	5.1	0.5	0.03	0.1	0.05	1
SA5112396	0.5	0.5	5.69	2.5	0.17	0.89	4.3	0.8	0.02	0.1	0.05	1
SA5112397	1	0.5	5.29	2.5	0.07	0.14	1.7	0.05	0.005	0.1	0.05	3
SA5112398	1	0.5	5.22	2.5	0.21	1.57	5.9	1.7	0.03	0.1	0.1	2
SA5112399	1	0.5	5.03	6	0.17	1.24	5.8	3.2	0.02	0.2	0.4	2
SA5112400	0.5	0.5	5.82	2.5	0.20	0.77	5.7	0.5	0.02	0.1	0.05	0.5
SA5112401	0.5	0.5	5.49	2.5	0.22	1.72	5.3	1.0	0.03	0.1	0.1	0.5
SA5112402	0.5	0.5	4.87	5	0.11	0.02	0.05	0.05	0.01	0.1	0.05	3
SA5112403	1	0.5	5.69	2.5	0.28	0.60	5.8	0.05	0.05	0.1	0.05	4

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112404	1	0.5	5.30	2.5	0.20	1.40	5.3	1.9	0.03	0.1	0.3	2
SA5112405	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112406	4	0.5	4.95	6	0.14	1.78	5.9	4.0	0.02	0.1	0.05	7
SA5112407	0.5	0.5	5.61	2.5	0.28	0.50	6.0	0.4	0.07	0.1	0.05	1
SA5112408	1	0.5	5.44	11	0.24	2.04	6.9	3.9	0.03	0.1	0.2	17
SA5112409	0.5	0.5	4.73	2.5	0.06	0.01	0.05	0.05	0.005	0.1	0.05	0.5
SA5112410	1	0.5	4.61	2.5	0.07	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112411	0.5	0.5	5.91	2.5	0.22	0.48	10.2	0.7	0.01	0.1	0.05	0.5
SA5112412	0.5	0.5	6.26	2.5	0.30	0.58	17.0	0.9	0.02	0.1	0.05	1
SA5112413	2	0.5	6.17	2.5	0.28	0.62	10.9	0.2	0.01	0.1	0.05	0.5
SA5112414	0.5	0.5	4.87	2.5	0.06	0.01	0.2	0.05	0.005	0.1	0.05	8
SA5112415	1	0.5	5.12	5	0.11	0.04	0.3	0.05	0.005	0.1	0.05	9
SA5112416	0.5	0.5	4.65	2.5	0.06	0.01	0.05	0.05	0.005	0.1	0.05	1
SA5112417	1	0.5	4.54	2.5	0.05	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112418	0.5	0.5	6.13	2.5	0.24	0.58	11.2	0.6	0.01	0.1	0.05	1
SA5112419	1	0.5	5.46	5	0.23	1.35	14.5	2.2	0.01	0.1	0.05	2
SA5112420	0.5	0.5	5.90	5	0.21	0.50	10.4	1.0	0.01	0.1	0.05	2
SA5112421	0.5	0.5	4.95	2.5	0.09	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112422	0.5	0.5	4.79	2.5	0.06	0.01	0.05	0.05	0.005	0.1	0.05	0.5
SA5112423	1	0.5	4.39	2.5	0.06	0.01	0.2	0.05	0.005	0.1	0.05	1
SA5112424	0.5	0.5	5.66	11	0.19	1.53	8.4	1.6	0.01	0.1	0.05	2
SA5112425	1	0.5	5.00	7	0.15	1.11	7.2	1.5	0.03	0.1	0.05	6
SA5112426	1	0.5	4.53	2.5	0.07	0.01	0.2	0.05	0.005	0.1	0.05	7
SA5112427	0.5	0.5	4.83	2.5	0.07	0.01	0.6	0.1	0.005	0.1	0.05	1
SA5112428	2	0.5	4.56	7	0.05	0.03	0.1	0.05	0.005	0.1	0.05	0.5
SA5112429	2	0.5	4.63	2.5	0.05	0.01	0.2	0.05	0.005	0.1	0.05	2
SA5112430	1	0.5	4.74	2.5	0.06	0.005	0.05	0.05	0.005	0.1	0.05	8
SA5112431	0.5	0.5	5.73	7	0.30	0.61	16.7	1.0	0.005	0.1	0.05	1
SA5112432	3	0.5	4.99	2.5	0.21	0.01	0.1	0.05	0.005	0.1	0.05	1
SA5112433	0.5	0.5	4.87	2.5	0.17	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112434	0.5	0.5	5.69	9	0.44	0.56	16.0	1.1	0.005	0.1	0.05	3
SA5112435	0.5	0.5	4.79	9	0.08	0.005	0.05	0.05	0.005	0.1	0.05	3
SA5112436	1	0.5	6.25	6	0.27	2.13	6.4	1.4	0.42	0.1	0.05	4
SA5112437	1	0.5	5.79	2.5	0.17	1.39	5.7	0.4	0.13	0.1	0.05	2
SA5112438	1	0.5	6.14	5	0.31	1.97	9.9	1.3	1.38	0.1	0.05	3
SA5112439	2	0.5	5.99	6	0.21	1.46	8.4	1.4	0.23	0.1	0.05	3
SA5112440	2	0.5	5.92	5	0.22	1.59	8.6	2.2	0.34	0.1	0.05	2
SA5112441	1	0.5	6.08	7	0.20	1.57	7.2	1.2	0.15	0.1	0.05	4
SA5112442	1	0.5	5.17	8	0.15	0.17	2.4	1.4	0.06	0.1	0.05	3
SA5112443	0.5	0.5	5.98	5	0.13	0.71	5.0	1.0	0.09	0.1	0.05	2
SA5112444	0.5	0.5	5.50	6	0.13	1.37	6.1	1.6	0.12	0.1	0.05	1
SA5112445	0.5	0.5	4.66	11	0.08	0.02	0.3	0.05	0.005	0.1	0.05	2
SA5112446	0.5	0.5	4.30	2.5	0.05	0.01	0.2	0.05	0.005	0.1	0.05	1
SA5112447	0.5	0.5	4.66	2.5	0.06	0.005	0.2	0.05	0.005	0.1	0.05	2
SA5112448	0.5	0.5	4.44	2.5	0.06	0.02	0.2	0.05	0.005	0.1	0.05	1
SA5112449	0.5	0.5	4.93	2.5	0.08	0.09	1.9	0.05	0.005	0.1	0.05	2
SA5112450	0.5	0.5	6.21	2.5	0.23	1.04	6.3	0.05	0.005	0.1	0.05	1
SA5112451	0.5	0.5	4.79	2.5	0.10	0.01	0.1	0.05	0.005	0.1	0.05	1
SA5112452	1	0.5	4.63	23	0.07	0.10	1.6	1.1	0.005	0.1	0.05	2
SA5112453	1	0.5	6.33	5	0.20	2.04	12.5	0.1	0.01	0.1	0.05	3
SA5112454	1	0.5	6.28	5	0.19	1.97	11.9	0.05	0.01	0.1	0.05	2
SA5112455	0.5	0.5	4.50	2.5	0.07	0.03	0.4	0.05	0.005	0.1	0.05	2
SA5112456	0.5	0.5	4.56	2.5	0.05	0.005	0.05	0.05	0.005	0.1	0.05	1
SA5112457	0.5	0.5	4.74	2.5	0.05	0.005	0.05	0.05	0.005	0.1	0.05	2
SA5112458	0.5	0.5	4.90	2.5	0.08	0.005	0.05	0.05	0.005	0.1	0.05	1
SA5112459	0.5	0.5	4.60	10	0.07	0.005	0.05	0.05	0.005	0.1	0.05	2
SA5112460	0.5	0.5	4.69	2.5	0.06	0.005	0.1	0.05	0.005	0.1	0.05	1

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112461	0.5	0.5	5.78	9	0.16	0.88	6.6	1.2	0.02	0.1	0.1	2
SA5112462	0.5	0.5	4.69	2.5	0.07	0.01	0.1	0.05	0.005	0.1	0.05	1
SA5112463	0.5	0.5	5.19	2.5	0.18	1.21	6.1	0.8	0.02	0.1	0.05	2
SA5112464	0.5	0.5	5.28	5	0.18	1.26	6.9	1.6	0.02	0.1	0.05	2
SA5112465	0.5	0.5	5.33	2.5	0.17	1.02	6.2	1.2	0.02	0.1	0.05	3
SA5112466	0.5	0.5	5.28	2.5	0.16	0.45	4.4	0.5	0.01	0.1	0.05	1
SA5112467	0.5	0.5	5.56	2.5	0.21	0.86	11.1	0.1	0.01	0.1	0.05	1
SA5112468	1	0.5	5.31	15	0.15	0.17	5.6	3.3	0.01	0.1	0.05	3
SA5112469	1	0.5	5.38	15	0.25	1.07	16.5	4.6	0.05	0.2	0.05	5
SA5112470	1	0.5	5.79	26	0.39	1.37	19.4	2.5	0.02	0.4	0.1	3
SA5112471	0.5	0.5	4.98	11	0.09	0.02	0.2	0.05	0.005	0.1	0.05	2
SA5112472	0.5	0.5	5.86	5	0.28	1.22	13.1	1.3	0.03	0.1	0.05	1
SA5112473	0.5	0.5	4.79	2.5	0.08	0.03	0.1	0.05	0.005	0.1	0.05	1
SA5112474	0.5	0.5	4.65	7	0.06	0.02	0.2	0.05	0.005	0.1	0.05	1
SA5112475	1	0.5	4.73	2.5	0.07	0.07	0.1	3.0	0.005	0.1	0.05	4
SA5112476	0.5	0.5	4.72	5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	3
SA5112477	0.5	0.5	4.52	9	0.07	0.02	0.1	0.05	0.005	0.1	0.05	1
SA5112478	0.5	0.5	5.28	17	0.19	1.21	6.1	0.8	0.02	0.1	0.05	2
SA5112479	1	0.5	4.72	2.5	0.06	0.03	0.1	0.05	0.005	0.1	0.05	4
SA5112480	1	0.5	4.53	5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	4
SA5112481	0.5	0.5	4.85	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112482	0.5	0.5	6.24	11	0.23	1.06	4.9	0.5	0.04	0.1	0.05	2
SA5112483	0.5	0.5	4.70	2.5	0.10	0.02	0.1	0.05	0.005	0.1	0.05	1
SA5112484	0.5	0.5	6.23	17	0.27	1.18	5.0	0.2	0.05	0.1	0.05	3
SA5112485	1	0.5	5.66	2.5	0.16	1.13	2.6	0.2	0.03	0.1	0.05	2
SA5112486	0.5	0.5	5.85	2.5	0.18	1.41	4.5	0.05	0.005	0.1	0.05	2
SA5112487	1	0.5	5.76	2.5	0.13	0.64	3.6	0.05	0.005	0.1	0.05	2
SA5112488	1	0.5	4.95	16	0.05	0.03	0.4	0.05	0.005	0.1	0.05	3
SA5112489	0.5	0.5	4.72	2.5	0.08	0.02	0.05	0.05	0.005	0.1	0.05	2
SA5112490	0.5	0.5	6.39	2.5	0.21	1.53	6.2	0.05	0.03	0.1	0.05	1
SA5112491	2	0.5	6.16	2.5	0.16	0.50	3.8	0.05	0.04	0.1	0.05	5
SA5112492	10	0.5	4.96	5	0.08	0.04	0.3	0.05	0.01	0.1	0.05	6
SA5112493	1	0.5	4.53	2.5	0.07	0.04	0.8	0.05	0.01	0.1	0.05	4
SA5112494	0.5	0.5	4.88	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	3
SA5112495	0.5	0.5	4.92	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112496	2	0.5	5.59	2.5	0.17	1.31	4.5	0.4	0.005	0.1	0.05	2
SA5112497	0.5	0.5	4.62	6	0.09	0.03	0.3	0.05	0.005	0.1	0.05	2
SA5112498	1	0.5	4.84	2.5	0.08	0.02	0.3	0.05	0.005	0.1	0.05	4
SA5112499	0.5	0.5	5.06	2.5	0.09	0.05	1.0	0.05	0.005	0.1	0.05	5
SA5112500	1	0.5	5.25	2.5	0.14	0.11	3.0	0.05	0.005	0.1	0.05	4
SA5112501	0.5	0.5	4.74	2.5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	3
SA5112502	1	1	4.61	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	3
SA5112503	0.5	0.5	6.04	15	0.19	1.23	5.7	0.05	0.005	0.1	0.05	3
SA5112504	0.5	0.5	5.97	2.5	0.19	1.87	5.5	0.05	0.005	0.1	0.05	2
SA5112505	1	0.5	4.76	2.5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112506	2	0.5	5.48	7	0.15	0.26	4.7	0.05	0.005	0.1	0.05	3
SA5112507	1	0.5	4.66	10	0.24	0.04	0.3	0.05	0.005	0.1	0.05	2
SA5112508	1	0.5	4.68	6	0.07	0.03	0.4	0.05	0.005	0.1	0.05	11
SA5112509	1	0.5	4.94	2.5	0.09	0.02	0.05	0.05	0.005	0.1	0.05	6
SA5112510	1	0.5	4.52	2.5	0.10	0.02	0.3	0.05	0.005	0.1	0.05	3
SA5112511	0.5	0.5	5.79	6	0.16	0.93	7.1	0.9	0.09	0.1	0.1	5
SA5112512	0.5	0.5	4.93	41	0.10	0.07	0.2	0.05	0.005	0.1	0.05	2
SA5112513	1	0.5	4.50	2.5	0.09	0.04	0.4	0.05	0.005	0.1	0.05	3
SA5112514	0.5	0.5	4.28	6	0.32	0.14	1.2	0.05	0.005	0.1	0.05	1
SA5112515	0.5	0.5	4.42	2.5	0.07	0.03	0.5	0.05	0.005	0.1	0.05	2
SA5112516	1	0.5	4.45	2.5	0.07	0.03	0.3	0.05	0.005	0.1	0.05	1
SA5112517	1	0.5	4.56	2.5	0.07	0.02	0.6	0.05	0.005	0.1	0.05	2

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112518	1	0.5	4.65	8	0.08	0.02	0.4	0.05	0.005	0.1	0.05	2
SA5112519	1	0.5	4.64	2.5	0.07	0.03	0.5	0.05	0.005	0.1	0.05	1
SA5112520	2	0.5	4.91	6	0.09	0.02	0.1	0.05	0.005	0.1	0.05	4
SA5112521	1	0.5	5.65	2.5	0.17	0.74	5.2	0.05	0.005	0.1	0.05	4
SA5112522	0.5	0.5	4.71	5	0.08	0.03	0.3	0.05	0.005	0.1	0.05	3
SA5112523	2	0.5	6.20	2.5	0.11	0.31	4.2	0.05	0.005	0.1	0.05	3
SA5112524	0.5	0.5	4.92	2.5	0.07	0.02	0.2	0.05	0.005	0.1	0.05	1
SA5112525	0.5	0.5	4.90	2.5	0.06	0.11	0.7	0.05	0.005	0.1	0.05	1
SA5112526	0.5	0.5	4.93	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112527	1	0.5	6.15	2.5	0.12	0.33	4.1	0.05	0.005	0.1	0.05	2
SA5112528	0.5	0.5	4.68	2.5	0.06	0.02	0.05	0.05	0.005	0.1	0.05	2
SA5112529	1	0.5	4.73	2.5	0.07	0.02	0.2	0.05	0.005	0.1	0.05	3
SA5112530	0.5	0.5	4.85	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	3
SA5112531	0.5	0.5	4.69	2.5	0.06	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112532	2	0.5	4.59	6	0.15	0.02	1.1	0.05	0.005	0.1	0.05	11
SA5112533	1	0.5	4.56	2.5	0.05	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112534	1	0.5	4.97	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	5
SA5112535	4	0.5	4.72	2.5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	1
SA5112536	0.5	0.5	4.98	2.5	0.06	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112537	0.5	0.5	5.98	2.5	0.19	1.34	5.7	0.3	0.01	0.1	0.05	0.5
SA5112538	1	0.5	4.95	58	0.19	0.04	0.3	0.05	0.005	0.1	0.05	4
SA5112539	1	0.5	6.11	2.5	0.24	1.47	5.6	0.05	0.01	0.1	0.05	5
SA5112540	1	0.5	6.12	11	0.24	1.47	5.6	0.05	0.02	0.1	0.05	3
SA5112541	1	0.5	4.79	2.5	0.15	1.25	7.8	1.8	0.01	0.1	0.05	3
SA5112542	1	0.5	4.83	2.5	0.10	0.92	5.4	3.1	0.01	0.3	0.1	2
SA5112543	1	0.5	4.89	6	0.12	1.20	6.4	3.8	0.03	0.1	0.05	1
SA5112544	1	0.5	4.53	7	0.14	0.03	0.6	0.05	0.005	0.1	0.05	1
SA5112545	0.5	0.5	4.91	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	0.5
SA5112546	1	0.5	4.67	2.5	0.08	0.03	0.4	0.05	0.005	0.1	0.05	14
SA5112547	1	0.5	4.73	5	0.12	1.07	5.1	4.6	0.06	0.2	0.1	0.5
SA5112548	1	0.5	5.18	14	0.16	0.96	5.8	1.8	0.06	0.1	0.05	1
SA5112549	1	0.5	5.29	15	0.19	1.13	7.3	6.4	0.11	1.0	0.05	0.5
SA5112550	1	0.5	5.14	2.5	0.13	1.08	5.1	2.3	0.11	0.1	0.1	1
SA5112551	1	0.5	4.89	11	0.23	0.28	4.7	4.0	0.13	0.2	0.4	0.5
SA5112552	0.5	0.5	4.97	9	0.15	1.90	4.7	5.8	0.28	0.2	0.3	0.5
SA5112553	2	1	5.37	8	0.24	1.04	7.0	3.9	0.06	0.2	0.05	0.5
SA5112554	1	0.5	4.83	2.5	0.12	0.94	5.5	2.8	0.02	0.1	0.05	1
SA5112555	1	0.5	5.74	2.5	0.18	0.95	6.2	0.8	0.05	0.1	0.05	1
SA5112556	2	0.5	5.20	7	0.18	0.99	7.8	3.0	0.08	0.1	0.05	3
SA5112557	0.5	0.5	5.98	2.5	0.27	1.24	7.8	1.5	0.05	0.1	0.05	0.5
SA5112558	0.5	0.5	5.57	2.5	0.17	0.67	5.1	0.1	0.05	0.1	0.05	0.5
SA5112559	0.5	0.5	5.57	2.5	0.19	0.71	5.2	1.3	0.09	0.1	0.05	0.5
SA5112560	3	0.5	5.21	2.5	0.16	0.94	5.8	2.3	0.06	0.2	0.2	0.5
SA5112561	0.5	1	4.41	83	0.10	0.18	1.1	9.5	0.11	0.9	0.05	0.5
SA5112562	0.5	0.5	5.60	2.5	0.18	1.08	4.9	1.7	0.06	0.1	0.2	0.5
SA5112563	1	0.5	4.85	7	0.15	0.63	4.3	3.2	0.03	0.1	0.05	0.5
SA5112564	1	5	4.83	9	0.22	1.28	4.4	3.9	0.05	0.1	0.05	1
SA5112565	2	4	5.23	5	0.14	0.34	2.7	3.4	0.01	0.1	0.05	4
SA5112566	0.5	118	5.52	17	0.19	0.67	4.6	5.7	0.03	0.1	0.05	0.5
SA5112567	1	0.5	5.10	5	0.13	0.46	4.1	1.1	0.01	0.1	0.05	0.5
SA5112568	0.5	0.5	5.09	2.5	0.18	0.37	3.7	0.7	0.02	0.1	0.05	0.5
SA5112569	1	0.5	4.73	2.5	0.10	0.02	0.6	0.2	0.005	0.1	0.05	0.5
SA5112570	1	0.5	5.29	2.5	0.17	0.51	4.7	0.6	0.01	0.1	0.05	0.5
SA5112571	0.5	0.5	4.77	2.5	0.10	0.02	0.5	0.05	0.005	0.1	0.05	0.5
SA5112572	0.5	0.5	5.52	2.5	0.19	0.80	5.2	0.2	0.01	0.1	0.05	0.5
SA5112573	1	0.5	5.01	9	0.15	0.51	7.4	3.7	0.06	0.1	0.05	2
SA5112574	1	0.5	5.04	6	0.14	0.58	8.1	3.4	0.06	0.1	0.05	0.5

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112575	1	0.5	5.55	7	0.21	1.14	13.4	2.2	0.03	0.1	0.05	1
SA5112576	1	0.5	5.56	5	0.20	0.56	6.7	1.6	0.02	0.2	0.05	0.5
SA5112577	1	0.5	5.37	2.5	0.16	0.26	5.4	0.4	0.01	0.1	0.05	0.5
SA5112578	1	0.5	5.14	2.5	0.18	0.76	7.7	1.9	0.02	0.1	0.2	0.5
SA5112579	1	0.5	5.18	5	0.18	0.67	8.3	2.5	0.05	0.1	0.05	0.5
SA5112580	1	0.5	5.11	2.5	0.11	0.23	3.0	1.4	0.02	0.1	0.05	2
SA5112581	1	0.5	4.81	5	0.12	0.06	1.0	0.5	0.01	0.1	0.05	2
SA5112582	3	0.5	4.72	22	0.18	0.08	0.8	0.05	0.005	0.1	0.05	90
SA5112583	0.5	0.5	5.37	2.5	0.19	0.70	5.9	1.2	0.01	0.1	0.05	0.5
SA5112584	2	0.5	4.51	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	1
SA5112585	2	0.5	4.52	2.5	0.09	0.27	1.2	0.05	0.005	0.1	0.05	0.5
SA5112586	0.5	0.5	4.74	2.5	0.08	0.01	0.05	0.05	0.005	0.1	0.05	0.5
SA5112587	1	0.5	5.32	2.5	0.13	0.18	3.3	0.9	0.01	0.1	0.2	1
SA5112588	1	0.5	4.97	2.5	0.14	0.14	1.6	0.05	0.005	0.1	0.05	0.5
SA5112589	2	0.5	4.96	5	0.16	0.78	4.9	2.4	0.01	0.1	0.05	1
SA5112590	1	0.5	4.93	5	0.17	0.62	5.3	3.0	0.01	0.1	0.05	4
SA5112591	0.5	0.5	4.75	2.5	0.08	0.02	0.3	0.05	0.005	0.1	0.05	0.5
SA5112592	1	0.5	5.21	2.5	0.11	0.27	2.4	0.7	0.005	0.1	0.05	3
SA5112593	1	0.5	5.28	2.5	0.15	0.83	7.2	1.5	0.01	0.1	0.05	0.5
SA5112594	0.5	0.5	5.00	2.5	0.10	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112595	1	0.5	4.92	2.5	0.17	0.75	4.7	3.1	0.05	0.1	0.05	0.5
SA5112596	1	0.5	4.79	2.5	0.14	0.40	4.0	3.0	0.02	0.3	0.1	0.5
SA5112597	4	0.5	4.90	5	0.17	0.75	4.8	3.2	0.12	0.1	0.05	6
SA5112598	3	0.5	4.90	5	0.15	0.64	5.3	2.9	0.05	0.1	0.05	4
SA5112599	0.5	0.5	4.83	2.5	0.13	0.14	3.9	1.7	0.01	0.1	0.05	0.5
SA5112600	2	0.5	4.88	6	0.13	0.51	5.2	2.9	0.05	0.1	0.05	3
SA5112601	0.5	0.5	5.32	2.5	0.13	0.16	4.3	0.6	0.02	0.1	0.05	0.5
SA5112602	1	0.5	5.39	2.5	0.14	0.29	5.1	0.5	0.04	0.1	0.05	0.5
SA5112603	1	0.5	5.06	2.5	0.12	0.65	5.8	2.1	0.01	0.1	0.05	0.5
SA5112604	0.5	0.5	5.16	7	0.32	1.11	7.0	2.7	0.15	0.1	0.05	0.5
SA5112605	0.5	0.5	5.35	2.5	0.15	0.81	6.3	0.6	0.03	0.1	0.05	2
SA5112606	0.5	0.5	4.74	2.5	0.12	0.57	2.7	0.05	0.02	0.1	0.05	3
SA5112607	1	0.5	4.82	2.5	0.14	0.61	4.3	2.7	0.06	0.1	0.05	4
SA5112608	0.5	0.5	4.91	2.5	0.16	0.67	4.8	1.3	0.03	0.1	0.05	3
SA5112609	0.5	0.5	4.98	2.5	0.15	0.73	3.8	1.3	0.05	0.1	0.05	1
SA5112610	0.5	0.5	4.84	2.5	0.14	0.59	4.6	2.9	0.05	0.1	0.05	1
SA5112611	0.5	0.5	5.31	2.5	0.17	0.94	5.5	0.3	0.03	0.1	0.05	2
SA5112612	0.5	0.5	4.72	2.5	0.08	0.02	0.1	0.05	0.005	0.1	0.05	1
SA5112613	1	0.5	5.83	7	0.24	2.03	11.2	3.1	0.03	0.6	0.4	3
SA5112614	0.5	0.5	4.48	2.5	0.06	0.02	0.2	0.05	0.005	0.1	0.05	1
SA5112615	0.5	0.5	4.60	2.5	0.08	0.01	0.2	0.05	0.01	0.1	0.05	1
SA5112616	1	1	6.08	2.5	0.26	1.58	6.2	0.4	0.01	0.1	0.05	4
SA5112617	0.5	0.5	4.75	2.5	0.07	0.01	0.05	0.05	0.005	0.1	0.05	3
SA5112618	0.5	0.5	4.88	2.5	0.09	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112619	0.5	0.5	4.59	2.5	0.09	0.02	0.5	0.05	0.005	0.1	0.05	1
SA5112620	0.5	0.5	4.70	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	1
SA5112621	0.5	0.5	4.86	2.5	0.09	0.02	0.2	0.05	0.005	0.1	0.05	3
SA5112622	1	0.5	5.89	5	0.26	1.55	7.8	2.2	0.01	0.5	0.2	2
SA5112623	1	0.5	5.86	2.5	0.29	1.51	8.5	1.4	0.03	0.1	0.05	5
SA5112624	0.5	0.5	4.46	2.5	0.08	0.02	0.8	0.05	0.01	0.1	0.05	2
SA5112625	0.5	0.5	4.67	2.5	0.07	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112626	0.5	0.5	4.46	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	2
SA5112627	0.5	0.5	6.39	6	0.23	0.67	6.4	0.4	0.02	0.1	0.05	1
SA5112628	0.5	0.5	6.59	2.5	0.33	3.03	9.5	0.5	0.02	0.1	0.05	1
SA5112629	0.5	17	6.61	2.5	0.34	2.96	9.2	1.0	0.02	0.1	0.05	2
SA5112630	0.5	0.5	4.99	2.5	0.10	0.13	2.0	0.05	0.005	0.1	0.05	3
SA5112631	0.5	0.5	4.83	2.5	0.08	0.01	0.1	0.05	0.005	0.1	0.1	2

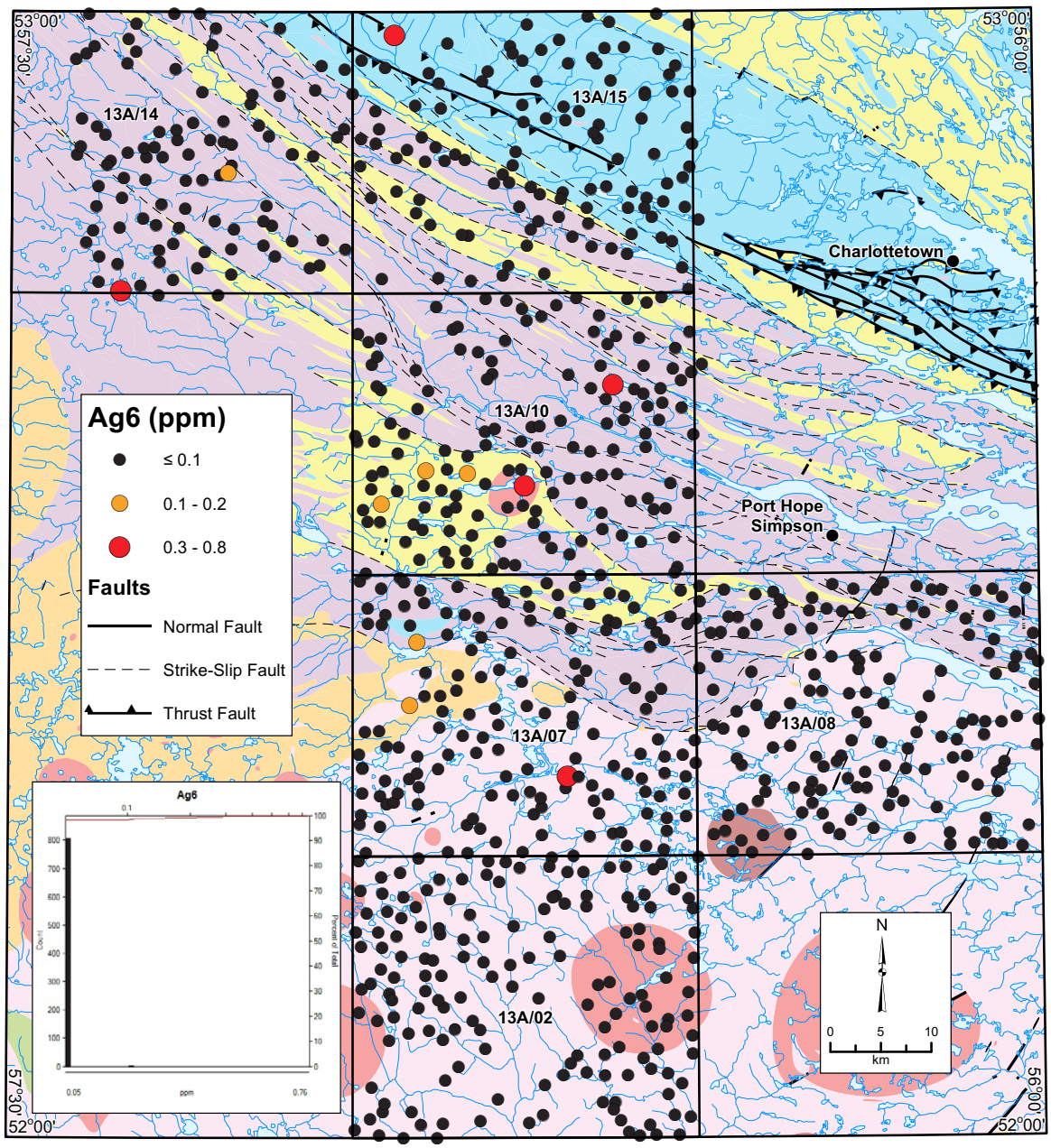
FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112632	1	0.5	4.42	2.5	0.07	0.03	0.3	0.05	0.005	0.1	0.05	4
SA5112633	0.5	0.5	4.36	2.5	0.08	0.01	0.1	0.05	0.06	0.1	0.05	2
SA5112634	0.5	0.5	4.62	7	0.10	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112635	0.5	0.5	5.74	6	0.26	2.03	11.4	1.9	0.02	0.1	0.05	2
SA5112636	0.5	0.5	5.40	2.5	0.20	1.47	9.5	2.7	0.03	0.1	0.05	2
SA5112637	0.5	0.5	4.56	2.5	0.06	0.01	0.2	0.05	0.005	0.1	0.05	1
SA5112638	0.5	0.5	4.71	2.5	0.09	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112639	0.5	0.5	4.83	2.5	0.11	0.02	0.4	0.05	0.005	0.1	0.05	2
SA5112640	1	0.5	4.67	2.5	0.06	0.01	0.1	0.05	0.005	0.1	0.1	3
SA5112641	0.5	0.5	4.63	2.5	0.08	0.02	0.7	0.05	0.005	0.1	0.05	3
SA5112642	0.5	0.5	4.84	2.5	0.08	0.01	0.05	0.05	0.005	0.1	0.05	1
SA5112643	0.5	0.5	4.70	2.5	0.08	0.03	0.2	0.05	0.005	0.1	0.05	4
SA5112644	0.5	0.5	4.69	7	0.11	0.01	0.05	0.05	0.005	0.1	0.05	27
SA5112645	0.5	0.5	4.71	2.5	0.08	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112646	0.5	0.5	4.66	2.5	0.07	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112647	0.5	0.5	4.36	2.5	0.08	0.01	0.05	0.05	0.005	0.1	0.05	1
SA5112648	0.5	0.5	4.26	2.5	0.09	0.02	0.3	0.05	0.005	0.1	0.05	2
SA5112649	0.5	0.5	4.82	2.5	0.08	0.005	0.05	0.05	0.005	0.1	0.05	1
SA5112650	0.5	0.5	4.51	2.5	0.06	0.01	0.1	0.05	0.005	0.1	0.05	1
SA5112651	0.5	0.5	4.63	2.5	0.07	0.01	0.1	0.05	0.01	0.1	0.05	3
SA5112652	0.5	0.5	4.38	2.5	0.08	0.01	0.9	0.05	0.005	0.1	0.05	0.5
SA5112653	0.5	0.5	4.73	2.5	0.09	0.03	0.3	0.05	0.005	0.1	0.05	0.5
SA5112654	0.5	0.5	5.86	5	0.19	1.30	8.5	0.4	0.005	0.1	0.05	0.5
SA5112655	0.5	0.5	5.60	45	0.42	0.70	21.0	6.8	0.01	0.1	0.05	1
SA5112656	0.5	0.5	4.46	18	0.08	0.06	0.3	1.0	0.005	0.1	0.05	3
SA5112657	1	0.5	4.84	2.5	0.06	0.05	0.2	1.5	0.005	0.1	0.05	1
SA5112658	0.5	0.5	5.86	6	0.18	0.81	5.6	0.3	0.005	0.1	0.05	0.5
SA5112659	0.5	0.5	-9	6	0.18	0.81	5.6	0.3	0.005	0.1	0.05	0.5
SA5112660	1	0.5	4.33	2.5	0.07	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112661	0.5	0.5	4.78	2.5	0.08	0.02	0.2	0.05	0.005	0.1	0.05	0.5
SA5112662	0.5	0.5	4.78	2.5	0.09	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112663	0.5	0.5	4.42	2.5	0.07	0.01	0.05	0.05	0.005	0.1	0.05	0.5
SA5112664	0.5	0.5	4.61	2.5	0.08	0.01	0.1	0.05	0.005	0.1	0.05	0.5
SA5112665	0.5	0.5	5.89	5	0.22	1.84	14.4	1.0	0.005	0.1	0.05	0.5
SA5112666	0.5	0.5	4.79	2.5	0.07	0.02	0.05	0.05	0.005	0.1	0.05	0.5
SA5112667	0.5	0.5	4.31	12	0.27	0.03	0.5	0.05	0.005	0.1	0.05	6
SA5112668	0.5	0.5	4.79	17	0.08	0.02	0.1	0.05	0.005	0.1	0.05	0.5
SA5112669	0.5	0.5	6.25	2.5	0.31	2.70	12.6	0.05	0.15	0.1	0.05	0.5
SA5112670	0.5	0.5	5.70	2.5	0.17	1.14	4.6	0.05	0.02	0.1	0.05	0.5
SA5112671	0.5	0.5	4.94	2.5	0.08	0.03	0.3	0.05	0.005	0.1	0.05	0.5
SA5112672	0.5	0.5	4.46	2.5	0.07	0.02	0.2	0.05	0.005	0.1	0.05	0.5
SA5112673	0.5	0.5	4.90	2.5	0.07	0.04	1.1	0.05	0.005	0.1	0.05	0.5
SA5112674	0.5	0.5	4.64	2.5	0.08	0.01	0.05	0.05	0.005	0.1	0.05	0.5
SA5112675	0.5	0.5	5.59	5	0.34	2.23	14.3	1.4	0.22	0.1	0.05	0.5
SA5112676	0.5	0.5	4.85	2.5	0.06	0.03	0.1	0.05	0.005	0.1	0.05	0.5
SA5112677	0.5	0.5	5.78	6	0.13	0.65	6.2	0.05	0.005	0.1	0.05	0.5
SA5112678	0.5	0.5	6.41	5	0.18	0.50	9.9	0.05	0.005	0.1	0.05	0.5
SA5112679	0.5	0.5	5.27	6	0.07	0.33	2.4	0.05	0.005	0.1	0.05	0.5
SA5112680	0.5	0.5	4.54	16	0.25	0.03	0.05	0.05	0.005	0.1	0.05	0.5
SA5112681	0.5	0.5	5.41	5	0.12	0.25	4.2	0.05	0.005	0.1	0.05	0.5
SA5112682	0.5	0.5	4.90	2.5	0.07	0.02	0.1	0.05	0.005	0.1	0.05	0.5
SA5112683	1	0.5	4.82	2.5	0.07	0.02	1.2	0.05	0.005	0.1	0.05	0.5
SA5112684	0.5	0.5	5.50	2.5	0.12	0.11	3.4	0.05	0.005	0.1	0.05	0.5
SA5112685	0.5	0.5	4.52	2.5	0.07	0.05	0.5	0.05	0.005	0.1	0.05	0.5
SA5112686	0.5	0.5	4.77	22	0.07	0.07	1.5	0.05	0.005	0.1	0.05	0.5
SA5112687	0.5	0.5	6.71	2.5	0.47	3.36	16.8	0.05	0.03	0.1	0.05	0.5
SA5112688	0.5	0.5	5.39	2.5	0.12	0.13	3.3	0.05	0.01	0.1	0.05	0.5

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112689	0.5	0.5	6.40	2.5	0.18	1.10	8.5	0.05	0.01	0.1	0.05	0.5
SA5112690	1	0.5	5.18	32	0.36	0.23	1.0	0.05	0.02	0.6	0.05	14
SA5112691	0.5	0.5	4.54	9	0.21	0.06	6.0	0.05	0.005	0.1	0.05	2
SA5112692	0.5	0.5	4.53	5	0.08	0.07	0.9	0.05	0.005	0.1	0.05	0.5
SA5112693	0.5	0.5	4.54	2.5	0.08	0.07	1.6	0.05	0.005	0.1	0.05	0.5
SA5112694	0.5	0.5	4.68	2.5	0.08	0.06	2.4	0.05	0.005	0.4	0.05	0.5
SA5112695	0.5	0.5	6.40	2.5	0.17	1.47	9.3	0.05	0.01	0.1	0.05	0.5
SA5112696	0.5	0.5	4.33	2.5	0.08	0.33	3.4	0.05	0.01	0.1	0.05	0.5
SA5112697	0.5	0.5	4.90	5	0.11	1.21	6.9	1.7	0.04	0.2	0.05	0.5
SA5112698	0.5	0.5	4.43	2.5	0.09	0.02	0.4	0.05	0.005	0.1	0.05	0.5
SA5112699	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5112700	0.5	0.5	4.29	17	0.11	0.02	0.1	0.05	0.005	0.1	0.05	2
SA5112701	0.5	0.5	5.48	13	0.17	0.46	6.3	0.3	0.005	0.1	0.05	0.5
SA5112702	0.5	0.5	4.86	7	0.09	0.02	0.05	0.05	0.005	0.1	0.05	0.5
SA5112703	1	0.5	4.74	2.5	0.14	0.10	3.9	0.05	0.05	0.1	0.05	0.5
SA5112704	0.5	0.5	4.42	2.5	0.09	0.02	0.3	0.6	0.005	0.2	0.05	0.5
SA5112705	0.5	0.5	6.20	2.5	0.17	0.45	7.3	0.05	0.005	0.1	0.05	0.5
SA5112706	0.5	0.5	4.48	2.5	0.08	0.09	1.1	0.05	0.005	0.1	0.05	0.5
SA5112707	0.5	0.5	5.10	20	0.14	0.25	0.5	0.05	0.05	0.1	0.05	0.5
SA5112708	0.5	0.5	4.37	12	0.13	0.02	0.2	0.05	0.005	0.1	0.05	0.5
SA5112709	0.5	0.5	5.88	8	0.17	0.28	6.3	0.05	0.01	0.1	0.05	0.5
SA5112710	0.5	0.5	5.36	7	0.09	0.08	2.5	0.1	0.005	0.1	0.05	0.5
SA5112711	0.5	0.5	5.36	6	0.13	0.47	5.8	0.6	0.01	0.1	0.05	0.5
SA5112712	0.5	0.5	5.97	16	0.15	0.47	7.9	4.4	0.01	0.1	0.05	1
SA5112713	0.5	0.5	6.04	5	0.26	1.92	7.1	0.8	0.05	0.3	0.05	0.5
SA5112714	0.5	0.5	6.18	2.5	0.23	1.76	6.2	0.05	0.15	0.1	0.05	0.5
SA5112715	0.5	0.5	5.66	9	0.16	0.46	6.1	0.7	0.01	0.1	0.05	0.5
SA5112716	0.5	0.5	4.86	2.5	0.09	0.06	1.1	0.05	0.02	0.1	0.05	0.5
SA5112717	0.5	0.5	5.42	2.5	0.14	0.36	4.1	0.05	0.01	0.1	0.05	0.5
SA5112718	0.5	0.5	5.84	24	0.17	0.18	5.0	0.05	0.03	0.1	0.05	0.5
SA5112719	0.5	0.5	5.68	2.5	0.14	0.32	5.0	0.2	0.04	0.1	0.05	0.5
SA5112720	0.5	0.5	6.03	2.5	0.27	1.14	7.8	0.3	0.03	0.1	0.05	0.5
SA5112721	0.5	0.5	5.86	2.5	0.17	1.37	6.4	0.05	0.01	0.1	0.05	0.5
SA5112722	0.5	0.5	4.38	2.5	0.09	0.04	0.7	0.8	0.005	0.1	0.05	0.5
SA5112723	0.5	0.5	5.10	2.5	0.10	0.17	2.9	0.05	0.01	0.1	0.05	0.5
SA5112724	0.5	0.5	5.61	2.5	0.09	0.10	2.6	0.1	0.005	0.1	0.05	0.5
SA5112725	0.5	0.5	5.46	2.5	0.09	0.05	2.0	0.1	0.05	0.1	0.05	0.5
SA5112726	0.5	0.5	5.57	7	0.11	0.18	1.2	0.8	0.005	0.1	0.05	0.5
SA5112727	0.5	0.5	5.16	2.5	0.09	0.17	2.7	0.05	0.005	0.1	0.05	0.5
SA5112728	0.5	0.5	5.07	7	0.16	0.88	5.3	2.7	0.39	0.1	0.05	0.5
SA5112729	0.5	0.5	4.58	37	0.18	0.19	4.1	0.05	0.02	0.1	0.05	2
SA5112730	0.5	0.5	5.75	9	0.13	0.26	4.7	0.8	0.43	0.1	0.05	0.5
SA5112731	0.5	0.5	4.60	2.5	0.09	0.04	0.5	0.4	0.04	0.1	0.05	0.5
SA5112732	0.5	0.5	4.59	2.5	0.09	0.02	0.4	0.05	0.01	0.1	0.05	0.5
SA5112733	0.5	0.5	6.37	2.5	0.10	0.49	10.3	0.2	0.01	0.1	0.05	0.5
SA5112734	0.5	0.5	5.05	2.5	0.07	0.11	1.1	0.05	0.005	0.1	0.05	0.5
SA5112735	0.5	0.5	5.21	7	0.11	0.49	2.3	0.05	0.005	0.1	0.05	1
SA5112736	0.5	0.5	6.25	12	0.13	0.26	5.2	0.05	0.005	0.1	0.05	1
SA5112737	0.5	0.5	6.11	2.5	0.10	0.49	10.3	0.05	0.005	0.1	0.05	0.5
SA5112738	0.5	0.5	5.15	24	0.08	0.39	3.1	0.1	0.005	0.1	0.05	1
SA5112739	0.5	0.5	6.52	10	0.18	2.54	13.2	1.4	0.01	0.1	0.05	1
SA5112740	0.5	0.5	6.19	21	0.12	0.84	7.6	0.5	0.005	0.4	0.05	0.5
SA5112741	0.5	0.5	4.52	2.5	0.09	0.04	1.5	0.05	0.005	0.1	0.05	0.5
SA5112742	0.5	0.5	4.72	2.5	0.08	0.06	1.3	0.05	0.005	0.1	0.05	0.5
SA5112743	0.5	0.5	6.04	2.5	0.15	0.20	4.2	0.05	0.03	0.1	0.05	0.5
SA5112744	0.5	0.5	4.75	2.5	0.07	0.03	0.4	0.05	0.01	0.1	0.05	0.5
SA5112745	0.5	0.5	4.91	2.5	0.07	0.04	0.1	0.05	0.005	0.1	0.05	0.5

FldNum	Niw2_ppb	Pbw2_ppb	pH_w	Pw2_ppb	Sw1_ppm	Siw1_ppm	Srw2_ppb	Tiw2_ppb	Uw3_ppb	Vw2_ppb	Yw2_ppb	Znw2_ppb
SA5112746	0.5	0.5	5.55	14	0.10	0.58	5.6	1.1	0.005	0.1	0.05	0.5
SA5112747	0.5	0.5	5.69	13	0.08	0.16	2.8	0.05	0.005	0.1	0.05	0.5
SA5112748	0.5	0.5	5.33	2.5	0.07	0.12	1.6	0.05	0.005	0.1	0.05	0.5
SA5112749	0.5	0.5	5.80	13	0.10	0.22	3.7	0.1	0.005	0.1	0.05	3
SA5112750	0.5	0.5	4.71	2.5	0.07	0.04	0.2	0.05	0.005	0.1	0.05	1
SA5112751	0.5	0.5	4.57	2.5	0.08	0.03	0.2	0.05	0.005	0.1	0.05	0.5
SA5112752	0.5	0.5	4.69	2.5	0.07	0.03	0.3	0.05	0.005	0.1	0.05	0.5
SA5112753	0.5	0.5	4.75	2.5	0.07	0.03	0.4	0.05	0.005	0.1	0.05	0.5
SA5112754	0.5	0.5	5.65	19	0.08	0.16	3.0	0.05	0.005	0.1	0.05	0.5
SA5112755	0.5	0.5	5.61	2.5	0.08	1.23	6.2	0.05	0.005	0.1	0.05	0.5
SA5112756	0.5	0.5	4.61	8	0.14	0.03	0.9	0.05	0.005	0.1	0.05	11
SA5112757	0.5	0.5	5.19	11	0.09	0.13	5.1	0.05	0.005	0.1	0.05	2
SA5112758	0.5	0.5	6.55	8	0.14	0.44	12.5	0.05	0.005	0.1	0.05	0.5
SA5112759	0.5	0.5	4.83	2.5	0.09	0.31	1.7	0.05	0.005	0.1	0.05	5
SA5112760	0.5	0.5	5.47	5	0.10	0.08	4.0	0.4	0.005	0.1	0.05	1
SA5112761	0.5	0.5	4.73	2.5	0.06	0.005	0.3	0.05	0.01	0.1	0.05	3
SA5112762	0.5	0.5	5.33	5	0.06	0.05	3.2	0.05	0.005	0.1	0.05	1
SA5112763	0.5	0.5	4.84	2.5	0.06	0.01	0.7	0.05	0.005	0.1	0.05	0.5
SA5112764	0.5	0.5	4.93	2.5	0.07	0.06	1.0	0.05	0.005	0.1	0.05	0.5
SA5112765	0.5	0.5	4.89	6	0.06	0.03	0.7	0.05	0.005	0.1	0.05	3
SA5112766	0.5	0.5	4.47	2.5	0.08	0.05	0.3	0.05	0.005	0.1	0.05	2
SA5112767	0.5	0.5	4.54	2.5	0.09	0.04	0.3	0.05	0.005	0.1	0.05	2
SA5112768	0.5	0.5	4.43	5	0.09	0.005	0.2	0.05	0.005	0.1	0.05	2
SA5112769	0.5	0.5	4.82	2.5	0.06	0.37	1.1	0.05	0.01	0.1	0.05	3
SA5112770	0.5	0.5	4.54	2.5	0.08	0.06	0.8	0.05	0.01	0.1	0.05	4
SA5112771	0.5	0.5	5.46	2.5	0.06	0.32	2.0	0.05	0.005	0.1	0.05	1
SA5112772	1	0.5	4.53	2.5	0.06	0.13	0.8	0.05	0.005	0.1	0.05	2
SA5112773	0.5	0.5	4.97	2.5	0.06	0.04	0.2	0.05	0.005	0.1	0.05	3
SA5112774	0.5	0.5	4.49	2.5	0.07	0.01	0.05	0.05	0.005	0.1	0.05	2
SA5112775	0.5	0.5	5.95	5	0.14	2.13	9.4	0.7	0.005	0.1	0.05	2
SA5112776	0.5	0.5	4.45	2.5	0.08	0.04	0.2	0.05	0.005	0.1	0.05	4
SA5112777	0.5	0.5	4.68	2.5	0.12	0.46	1.8	2.8	0.01	0.1	0.05	2
SA5112778	0.5	0.5	5.97	2.5	0.17	0.84	5.1	0.05	0.07	0.1	0.05	1
SA5112779	0.5	0.5	5.62	2.5	0.18	1.47	4.6	0.05	0.12	0.1	0.05	2
SA5112780	0.5	0.5	5.09	2.5	0.13	0.23	2.4	1.3	0.08	0.1	0.05	4
SA5112781	0.5	0.5	4.87	2.5	0.13	0.84	3.4	1.8	0.14	0.1	0.05	3
SA5112782	0.5	0.5	5.03	2.5	0.14	0.47	3.1	1.2	0.11	0.1	0.05	4
SA5112783	0.5	0.5	4.94	2.5	0.14	0.49	2.5	1.4	0.08	0.1	0.05	3
SA5112784	0.5	0.5	4.93	2.5	0.15	0.32	3.3	2.0	0.10	0.1	0.05	2
SA5112785	0.5	0.5	4.73	2.5	0.08	0.09	0.8	0.05	0.02	0.1	0.05	2
SA5112786	0.5	0.5	4.55	2.5	0.12	0.04	0.5	0.05	0.03	0.1	0.05	3
SA5112787	0.5	0.5	4.91	2.5	0.17	0.44	3.0	1.9	0.06	0.1	0.05	2
SA5112788	0.5	0.5	4.87	6	0.18	0.39	2.8	2.2	0.07	0.1	0.05	3

APPENDIX 2

Figures 30-79
Symbol Plots of Element Distributions of Sediment Data Not Discussed in the Text



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite ($M_{3C}yq$)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite ($M_{3B}gr$)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite ($P_{3C}ag$), amphibolite ($P_{3C}am$), anorthosite and leucogabbronorite ($P_{3C}an$), leucogabbronorite and leucogabbro ($P_{3C}ln$), gabbro and norite ($P_{3C}rg$), diorite, quartz diorite and tonalite ($P_{3C}dr$), alkali-feldspar granite, granite and quartz syenite ($P_{3C}ga$), granite to granodiorite ($P_{3C}gd$), megacrystic/ porphyritic granite to granodiorite ($P_{3C}gp$), quartz monzonite ($P_{3C}mq$) and monzonite ($P_{3C}mz$)

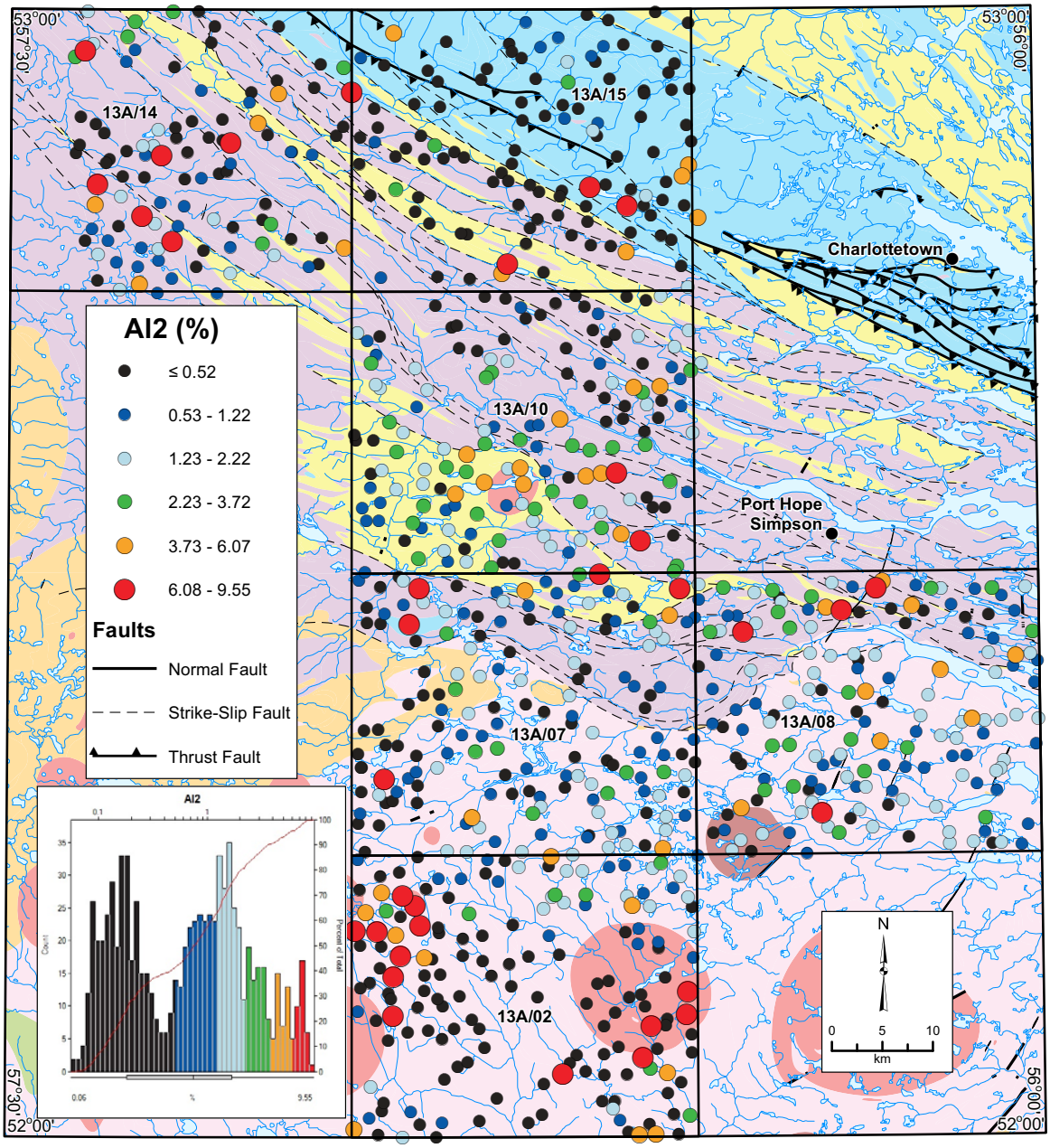
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite ($P_{3B}dr$),foliated to gneissic granodiorite ($P_{3B}gd$), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss ($P_{3B}gp$), foliated to gneissic quartz monzonite ($P_{3B}mq$), foliated to gneissic granite and alkali-feldspar granite ($P_{3B}gr$) amphibolite ($P_{3B}am$), anorthosite and leucogabbronorite ($P_{3B}an$), leucogabbronorite and leucogabbro ($P_{3B}ln$) and gabbro and norite($P_{3B}rg$)

(ca. 1800–1770 Ma)

P_{3B} Pelitic ($P_{3A}sp$) and psammitic ($P_{3A}ss$) schist and gneiss

Figure 30. Silver (Ag6) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

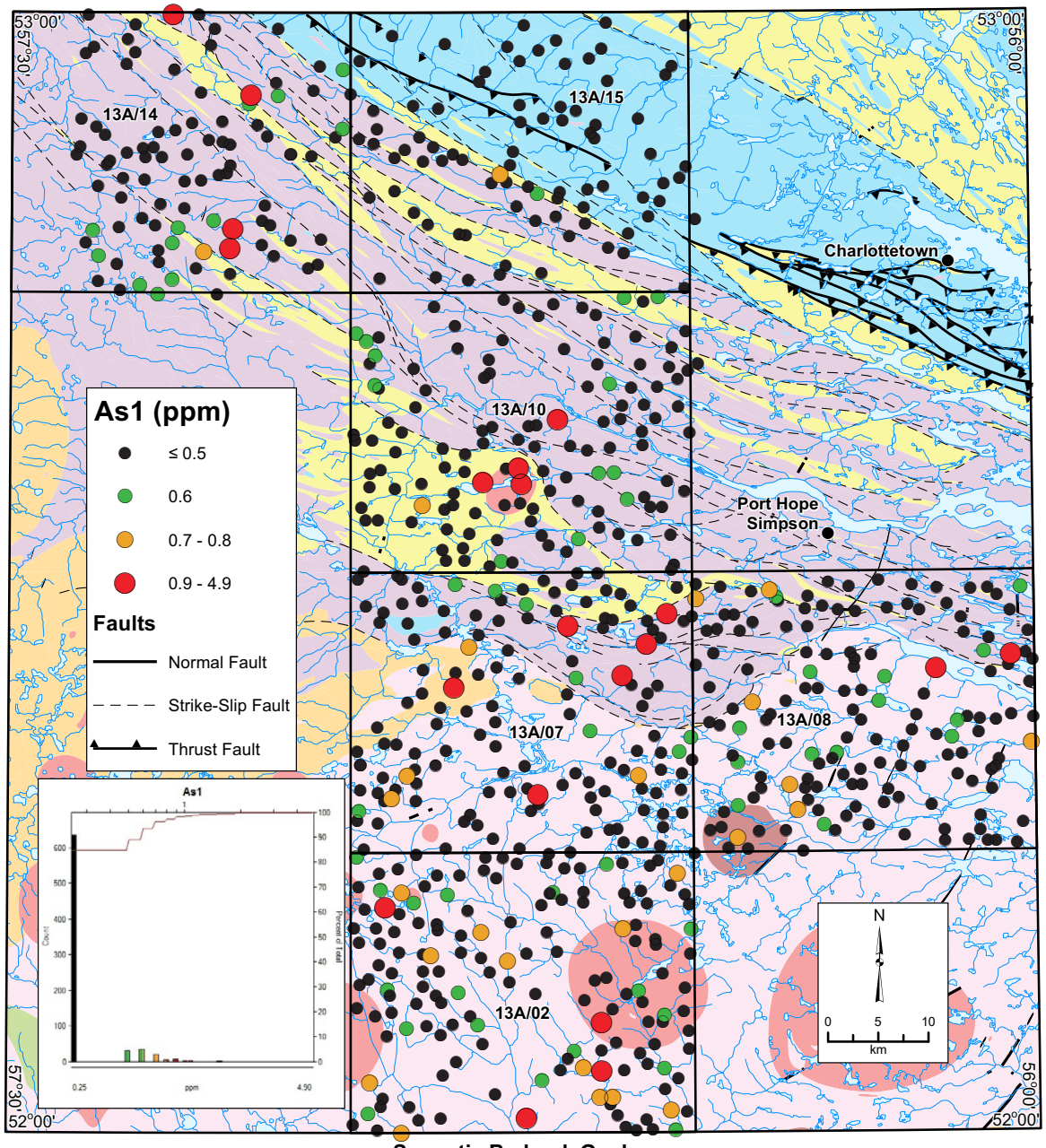
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 31. Aluminum (Al2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

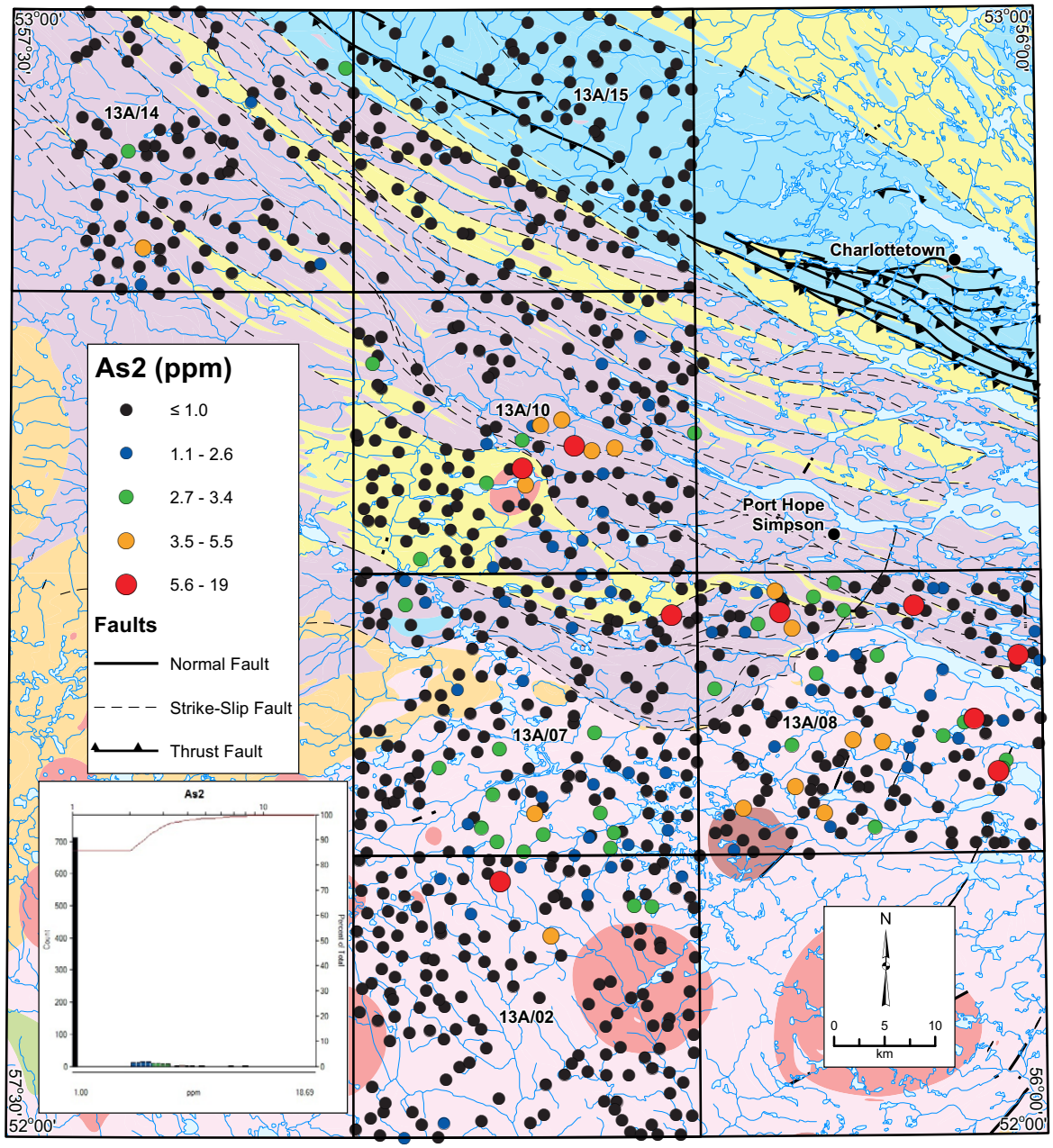
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 32. Arsenic (As1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

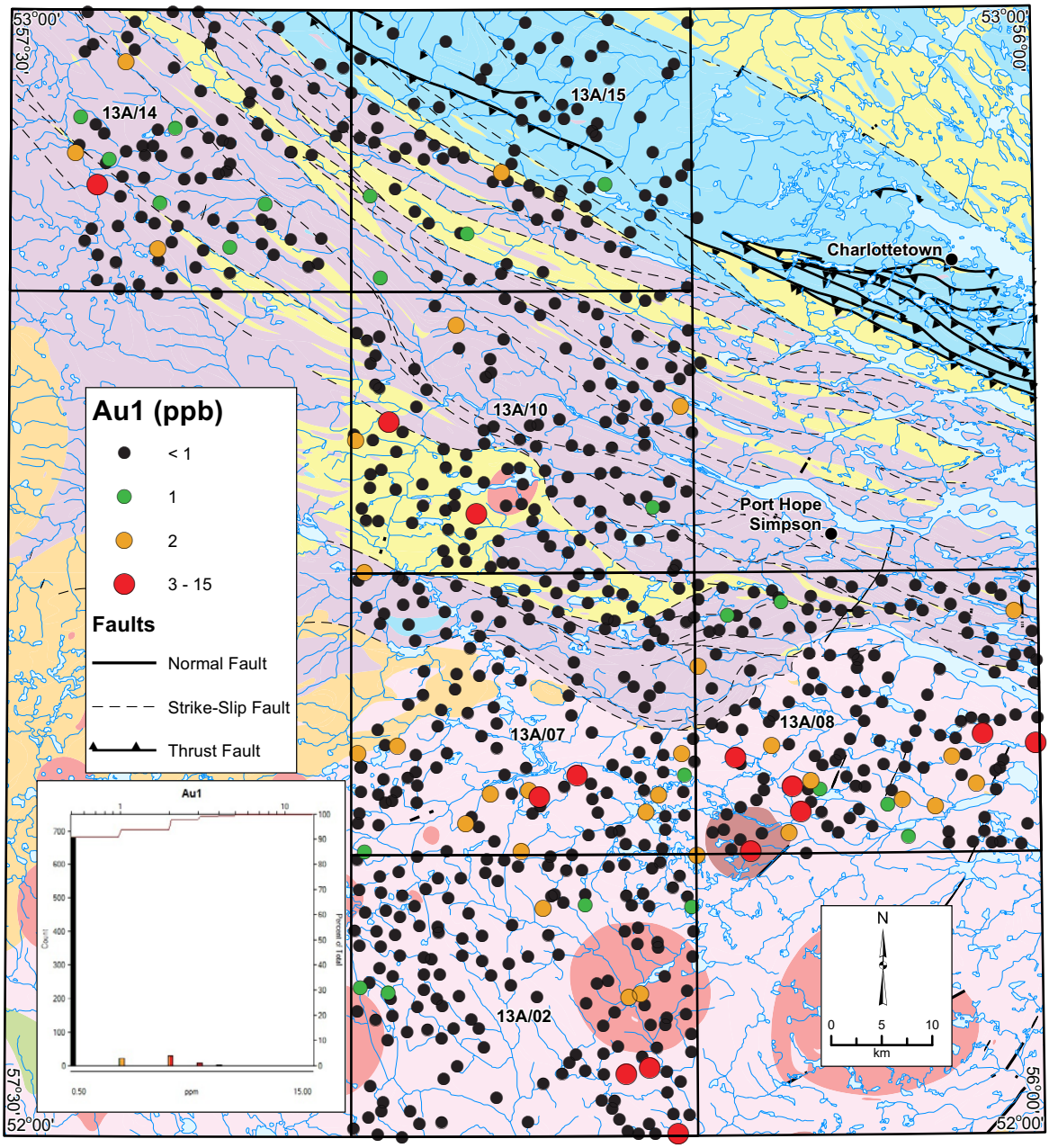
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 33. Arsenic (As2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

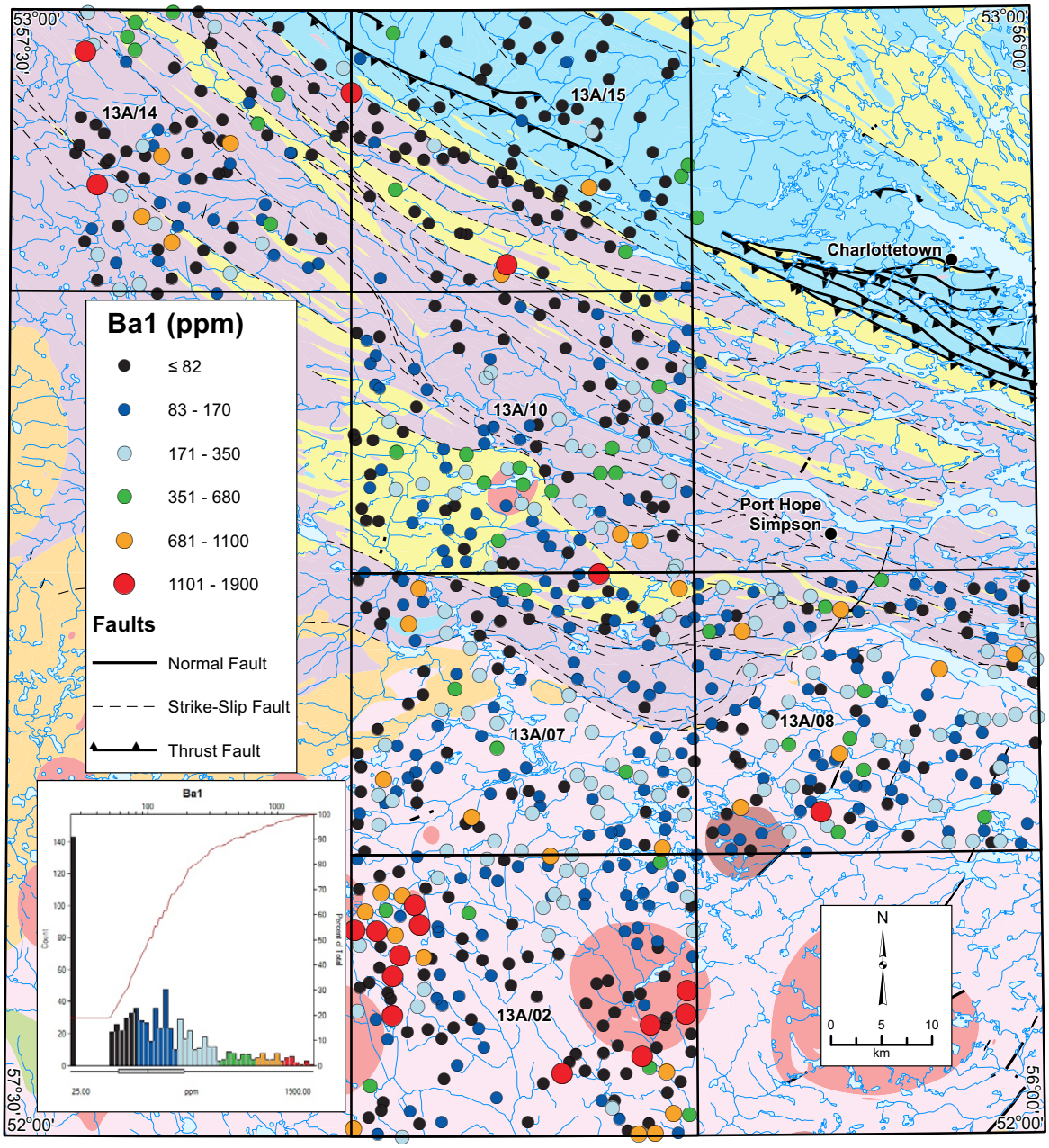
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 34. Gold (Au1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

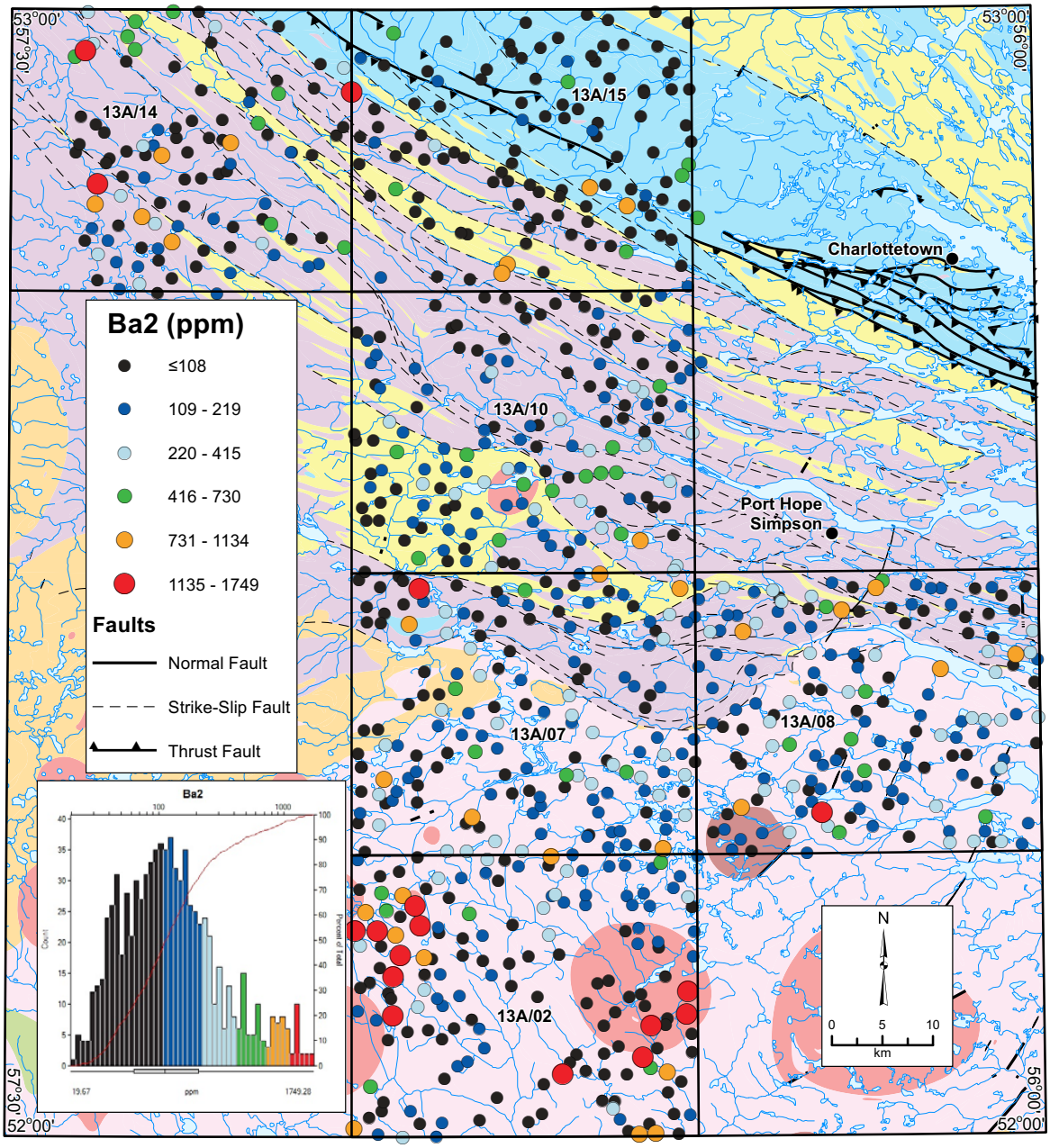
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 35. Barium (Ba1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

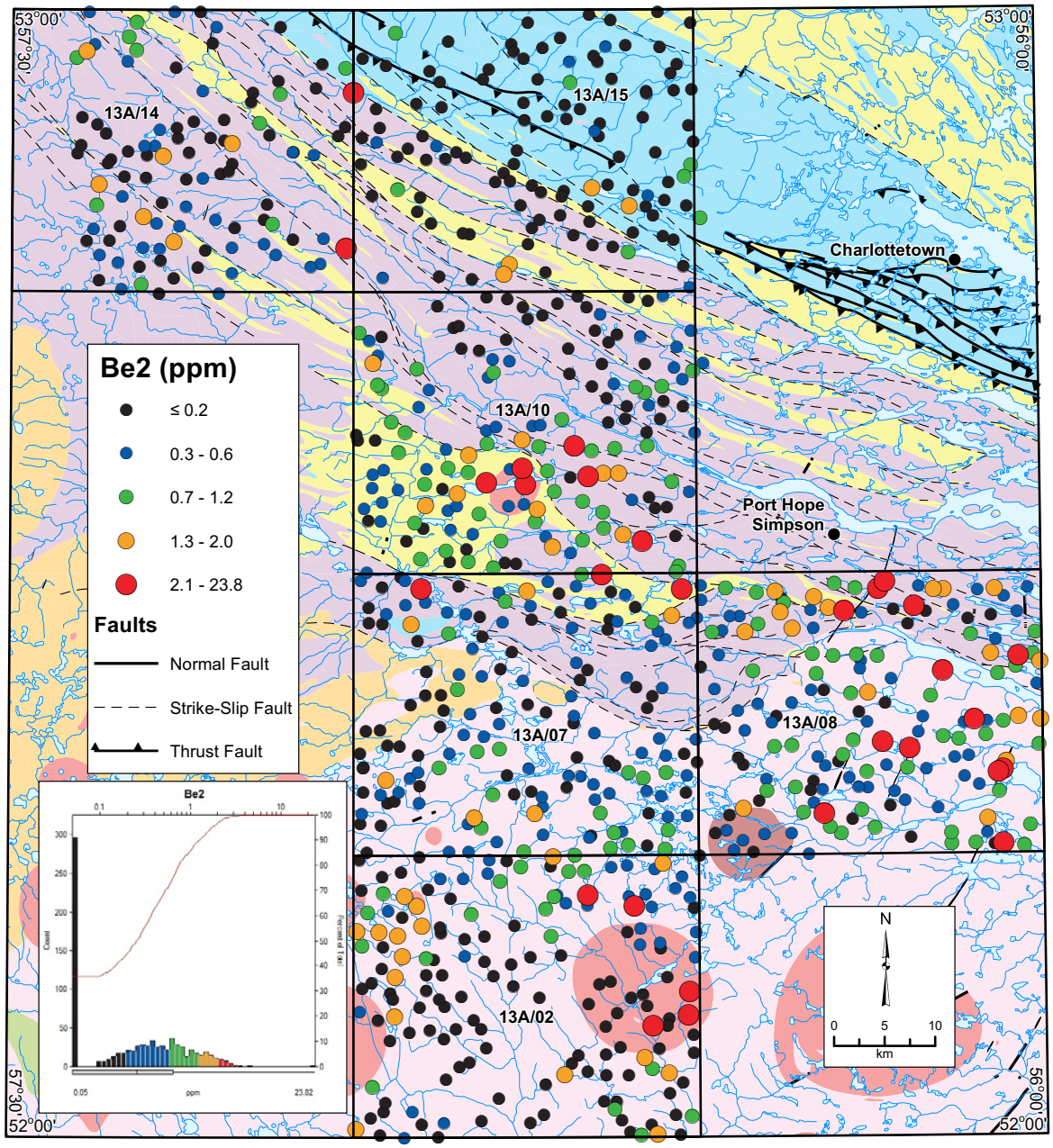
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 36. Barium (Ba2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

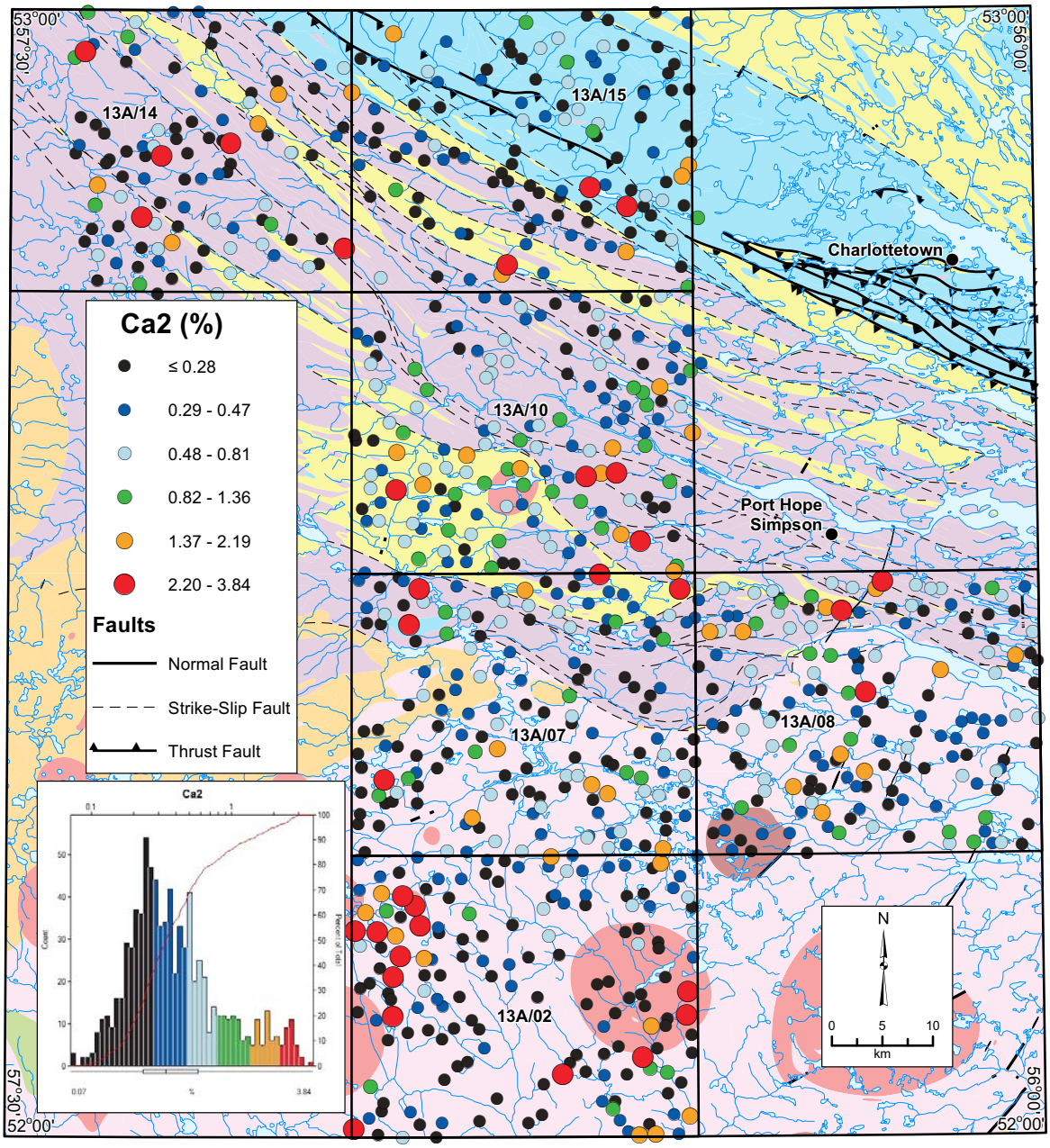
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 37. Beryllium (Be2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

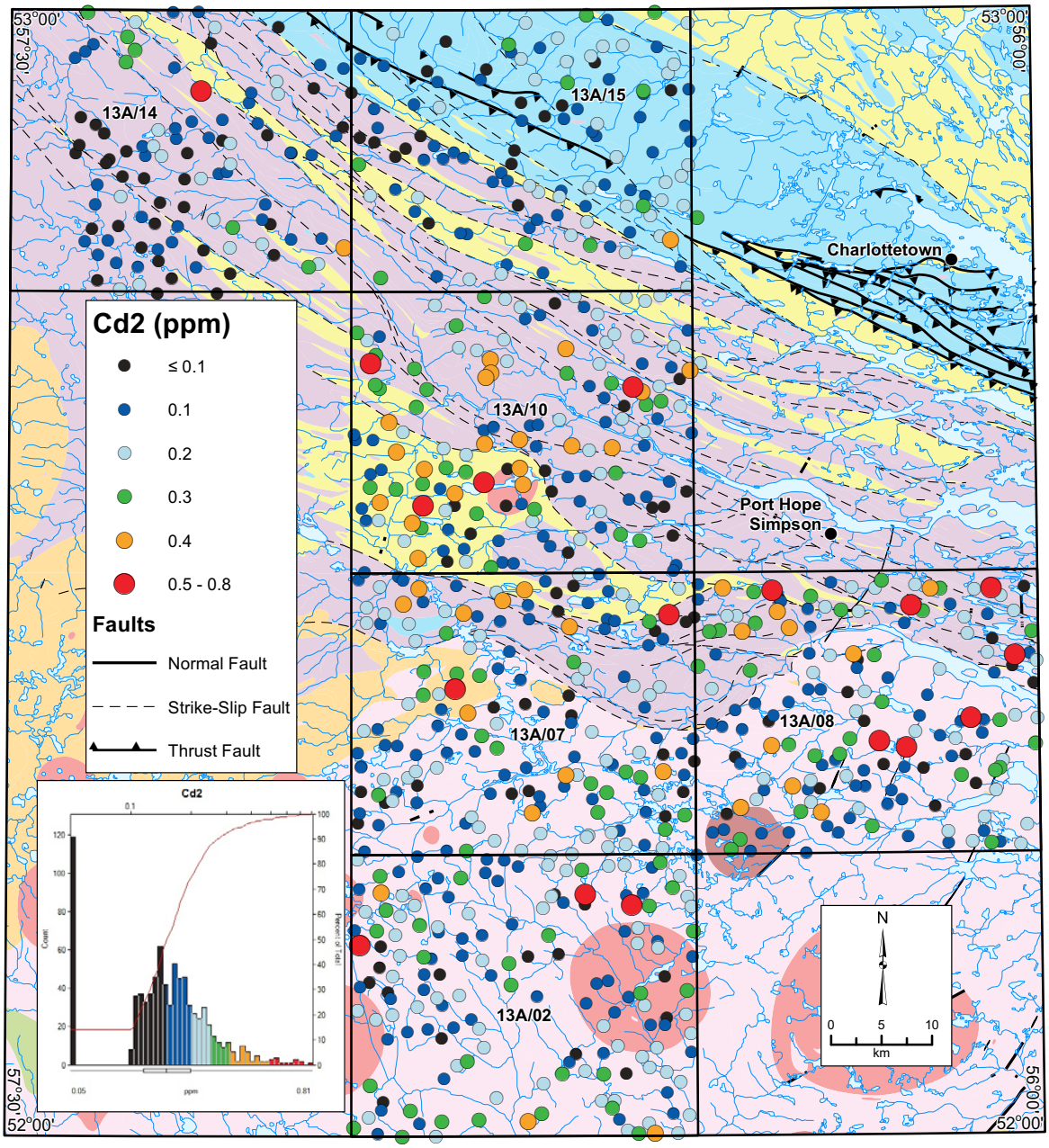
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 38. Calcium (Ca2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

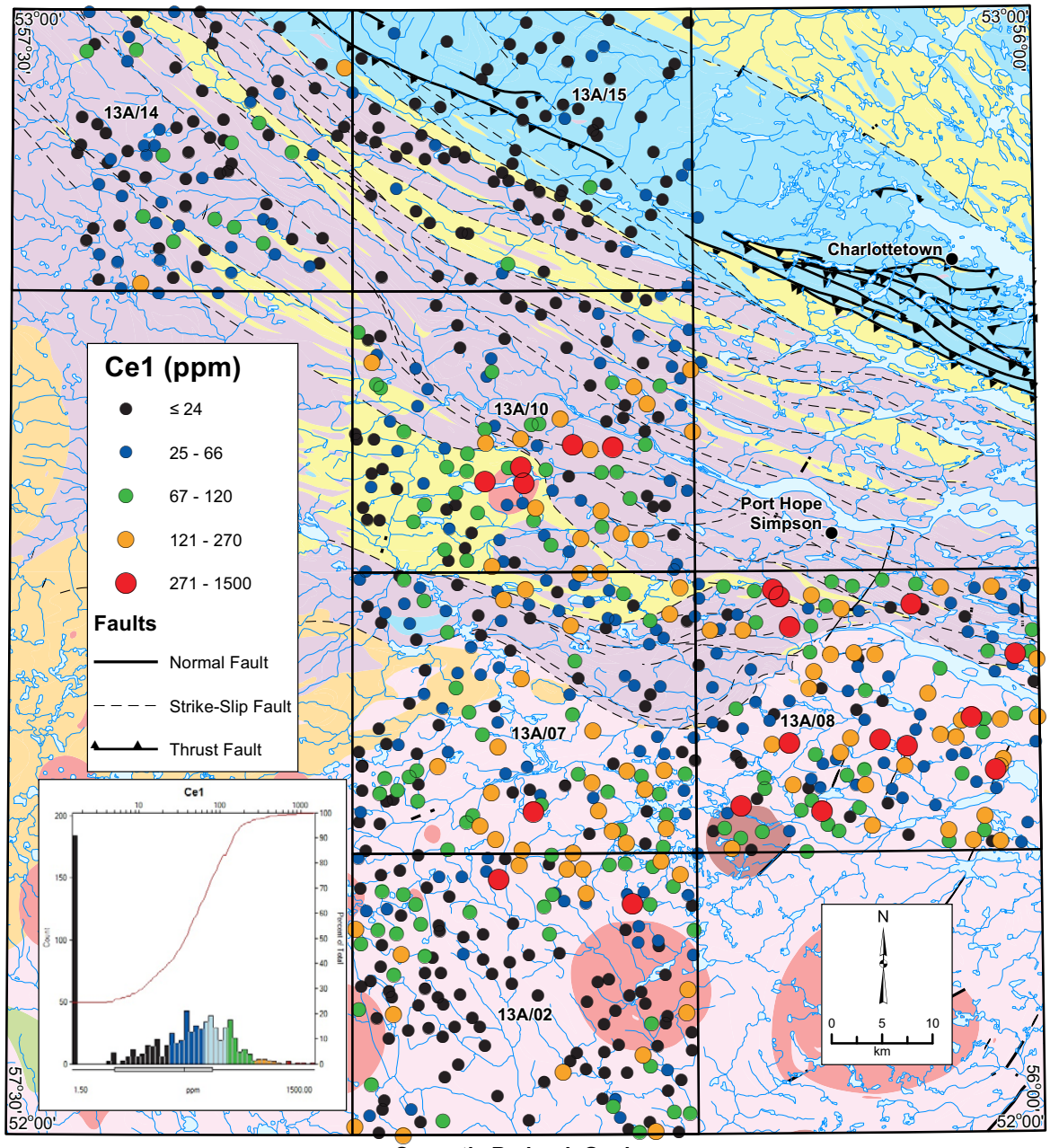
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 39. Cadmium (Cd2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

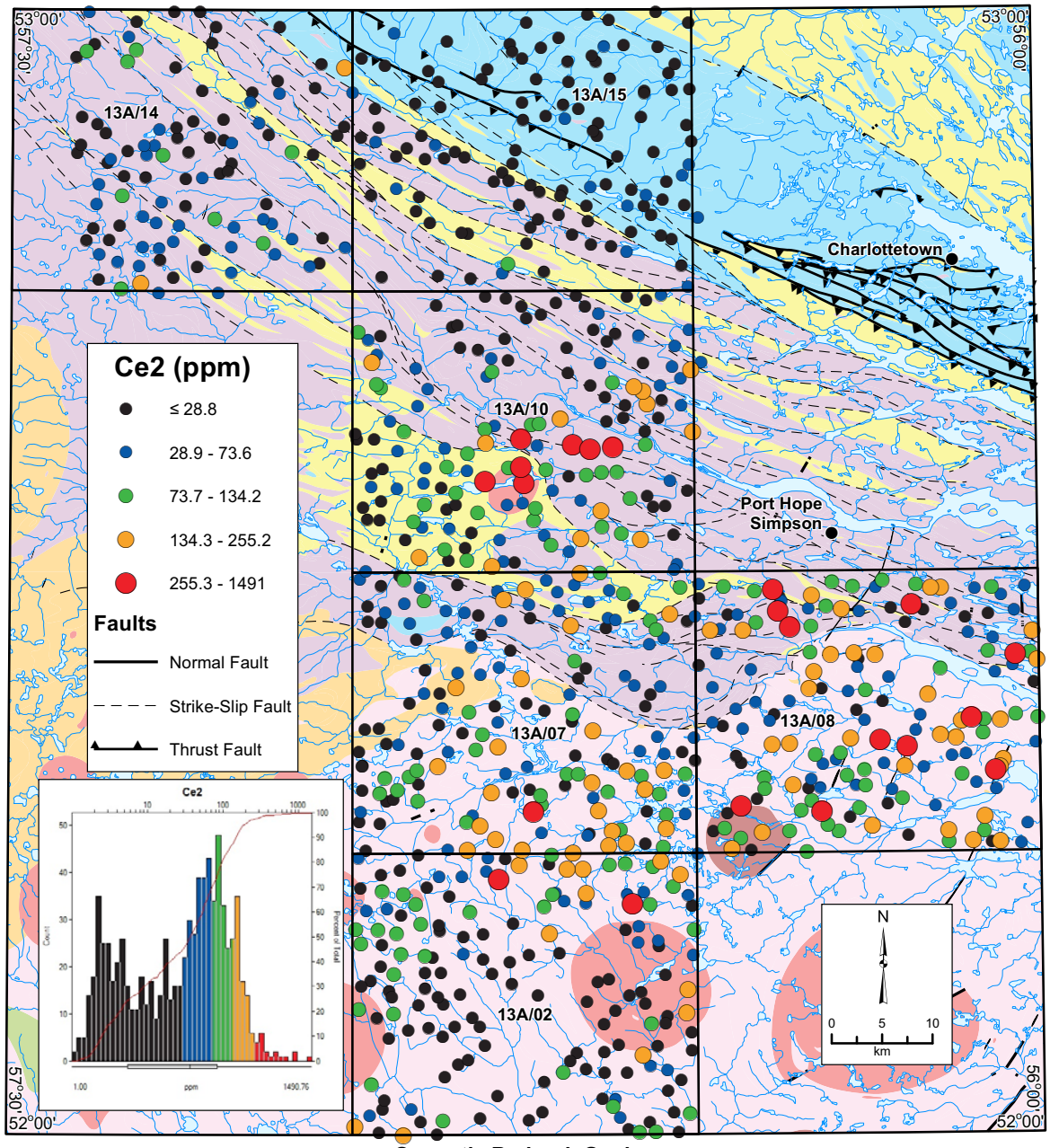
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 40. Cerium (Ce1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

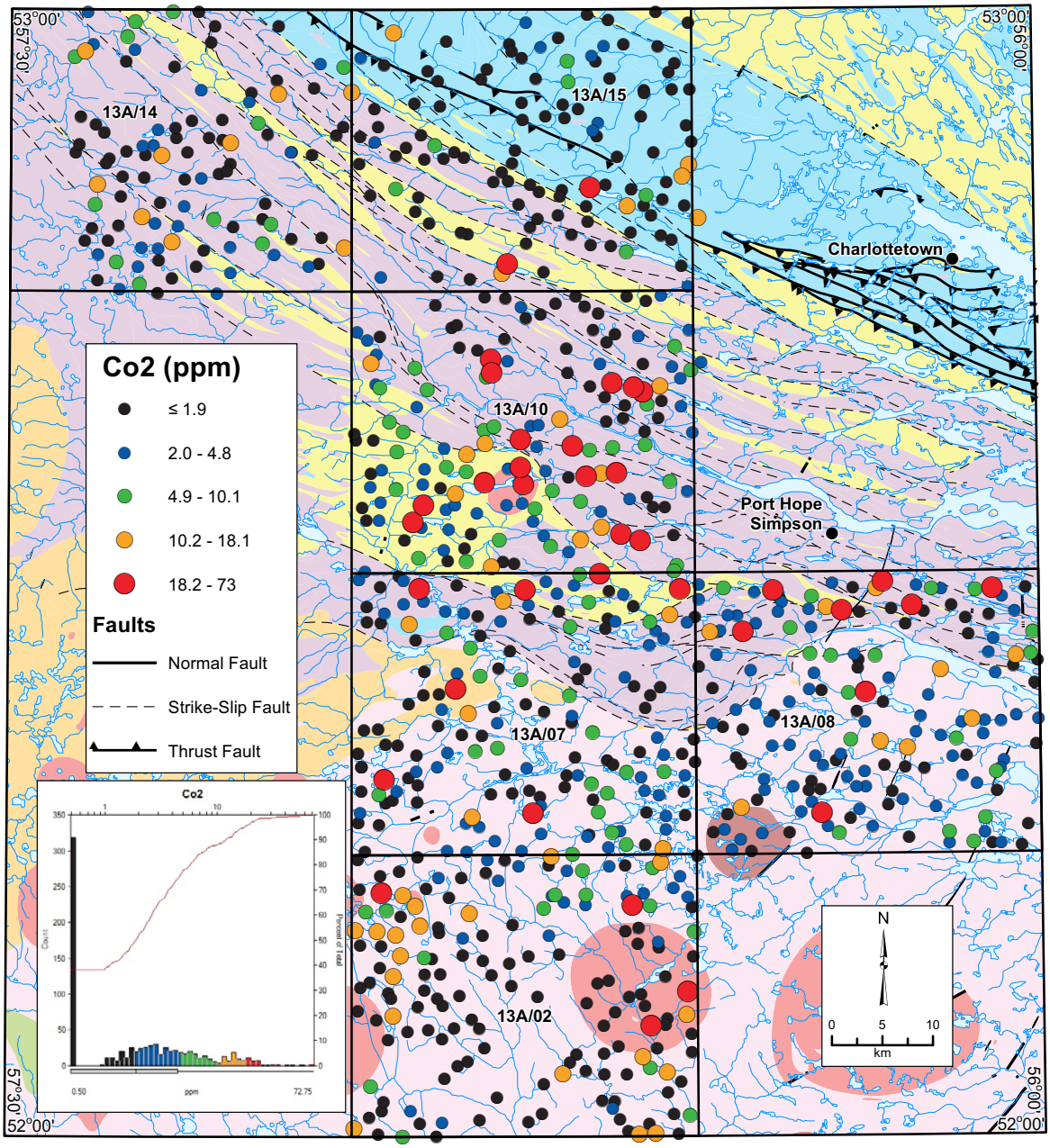
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 41. Cerium (Ce2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

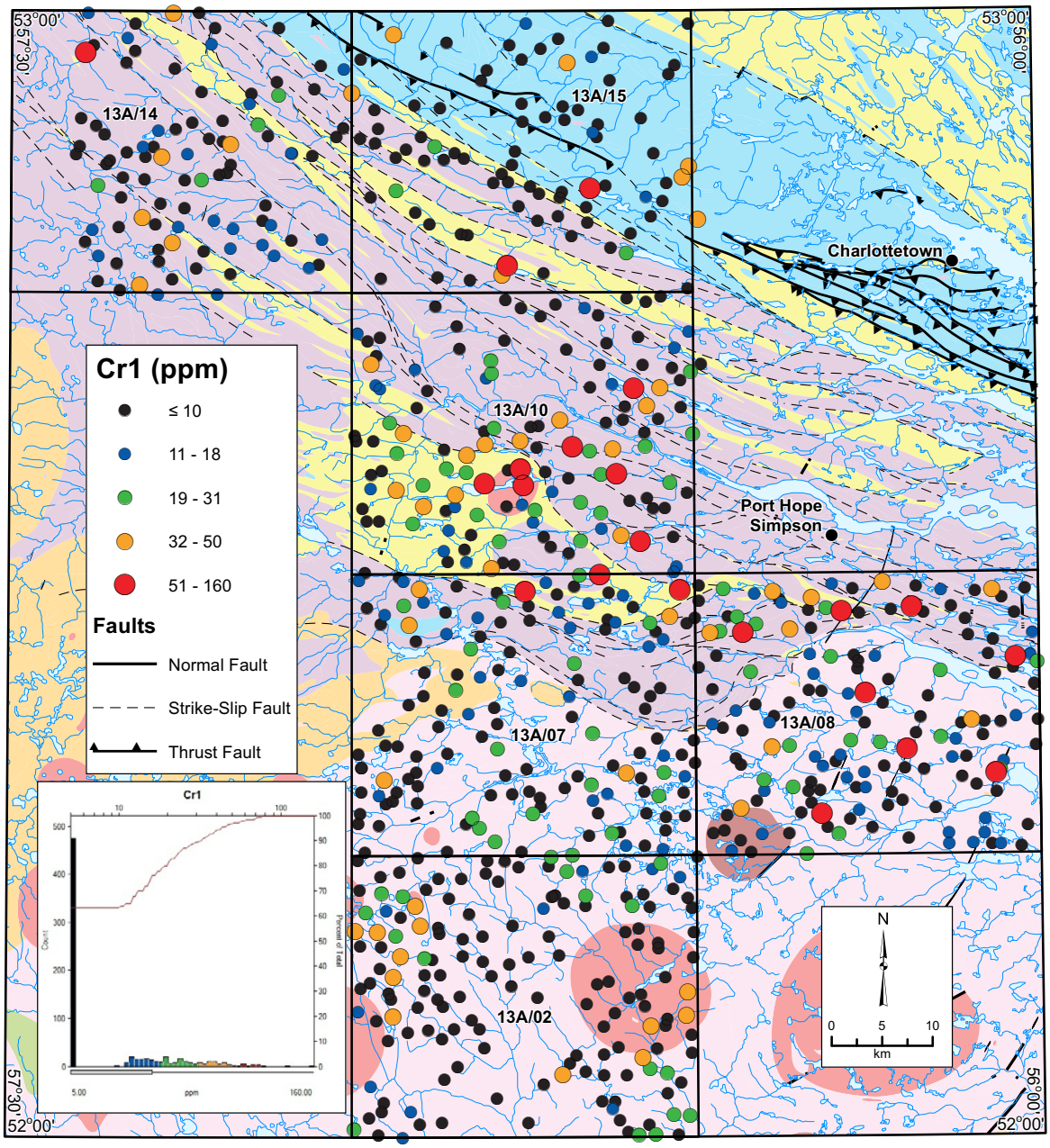
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 42. Cobalt (Co2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

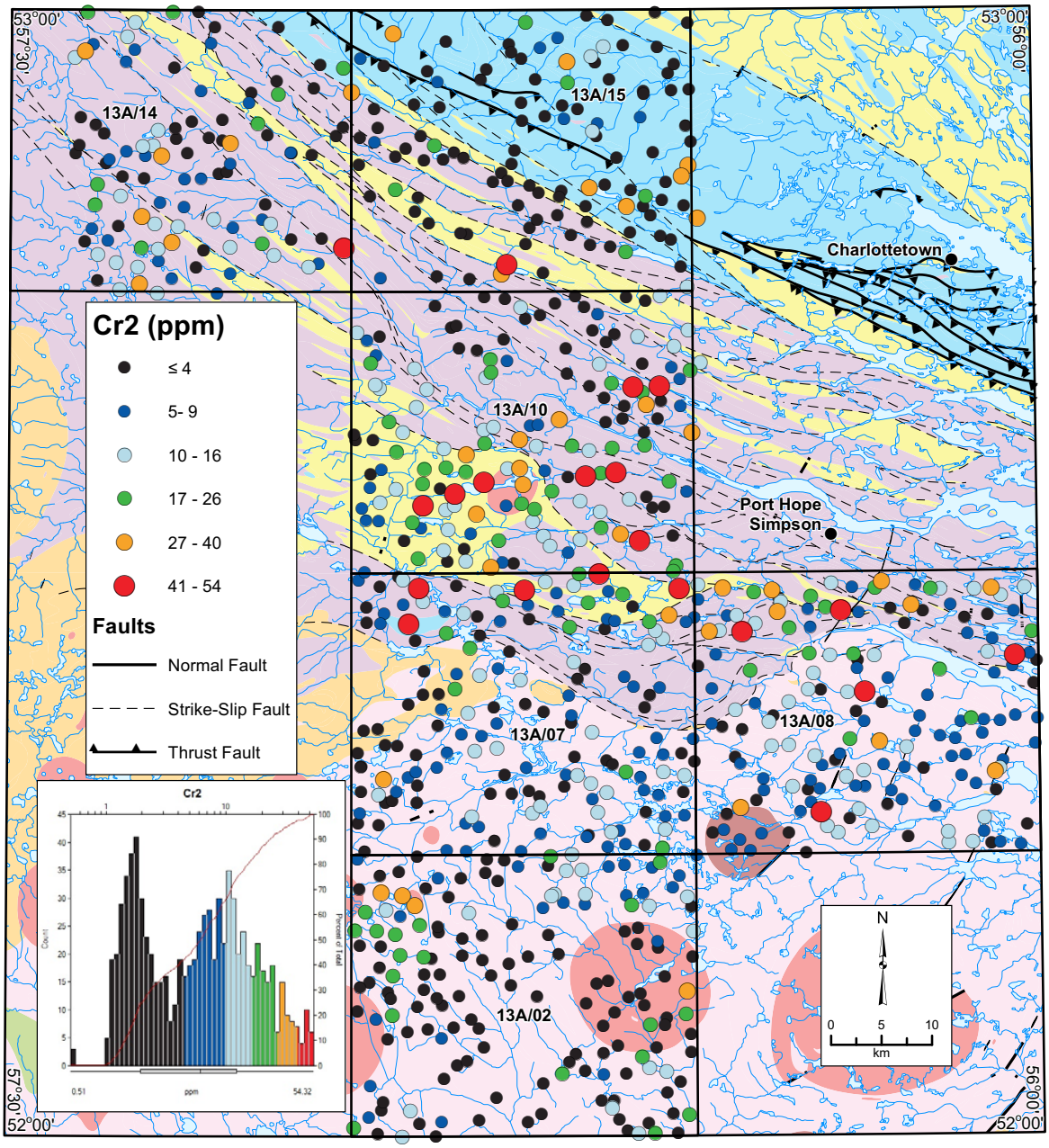
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 43. Chromium (Cr1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

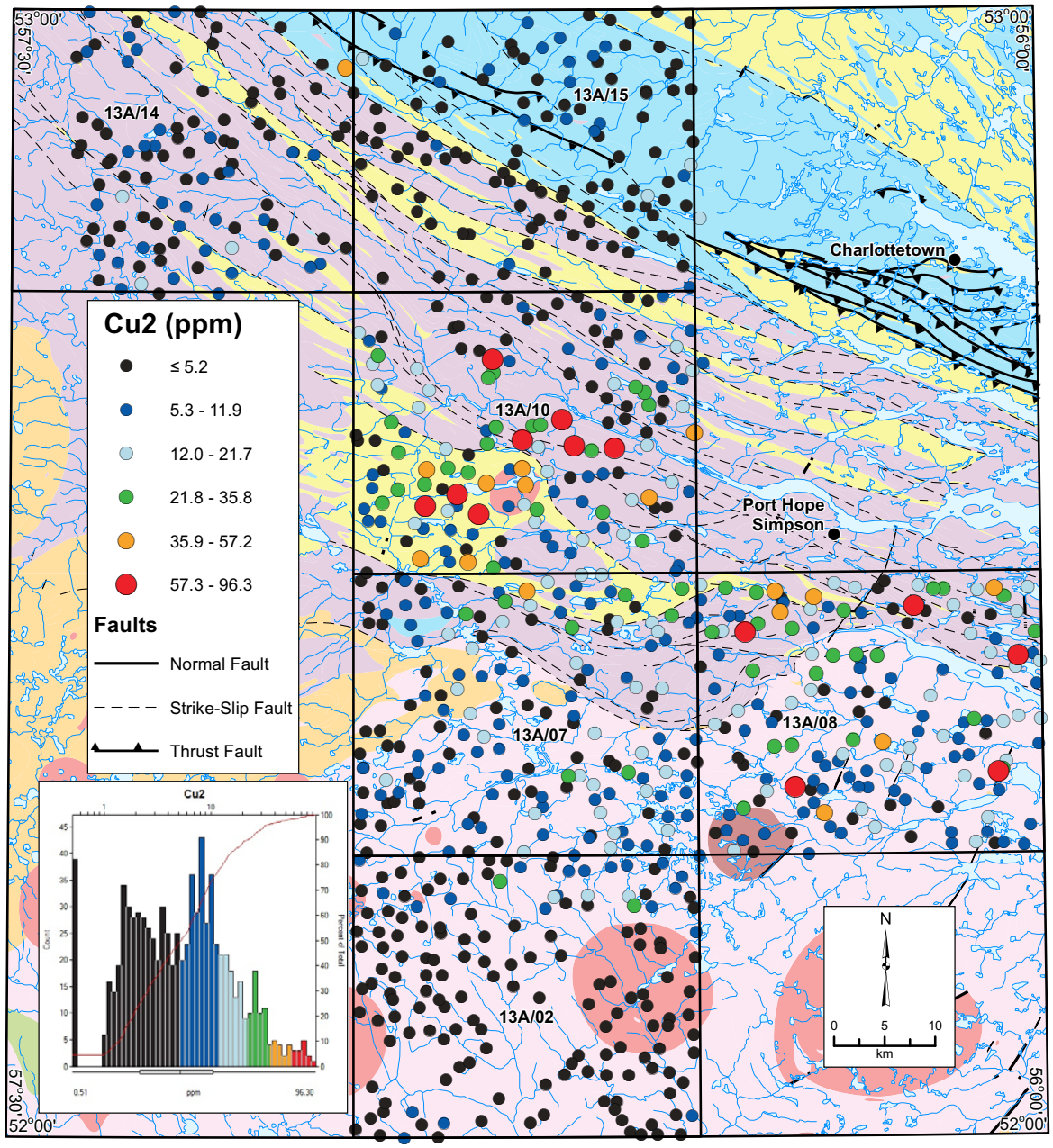
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 44. Chromium (Cr2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

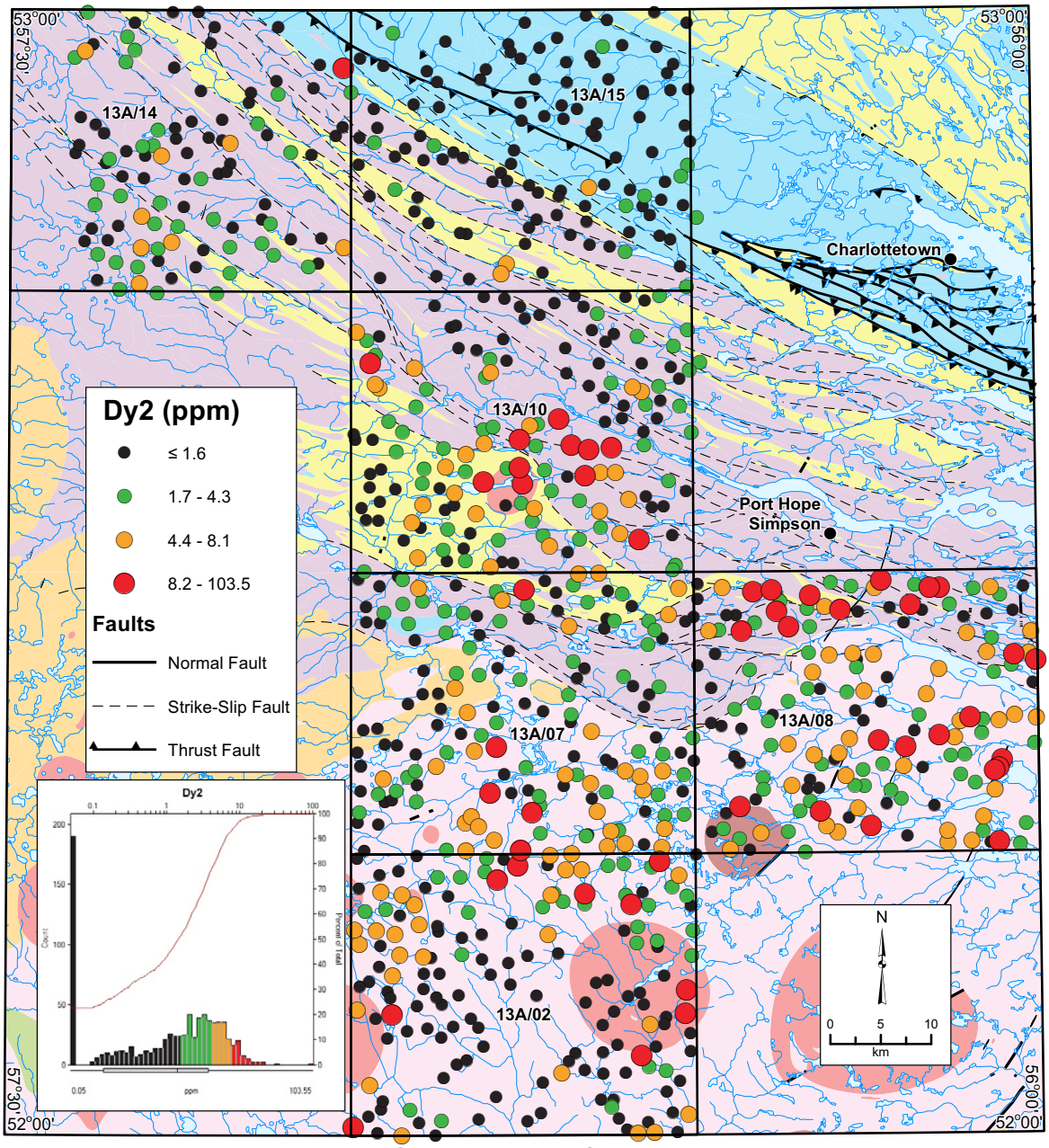
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 45. Copper (Cu2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

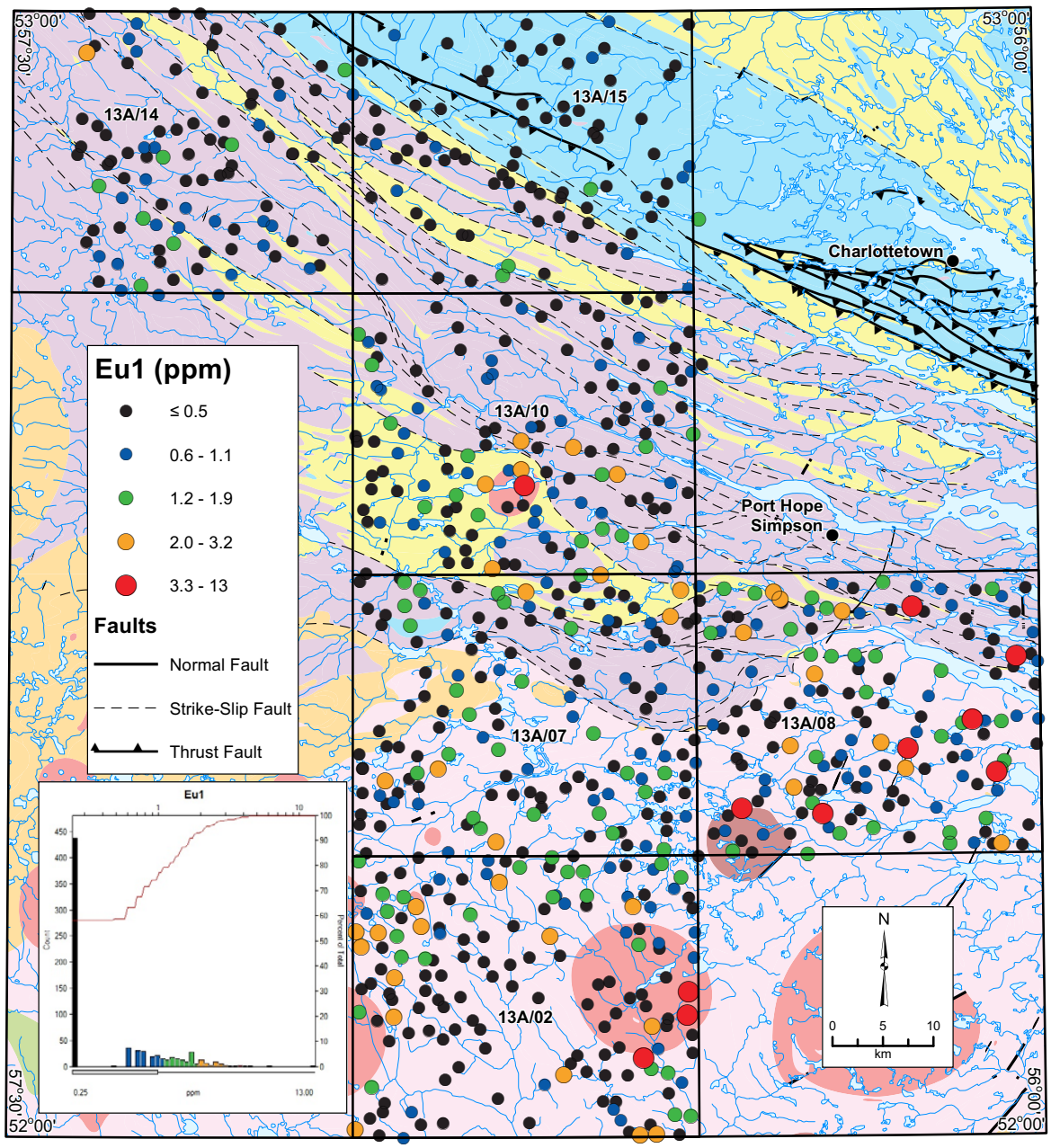
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 46. Dysprosium (Dy2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

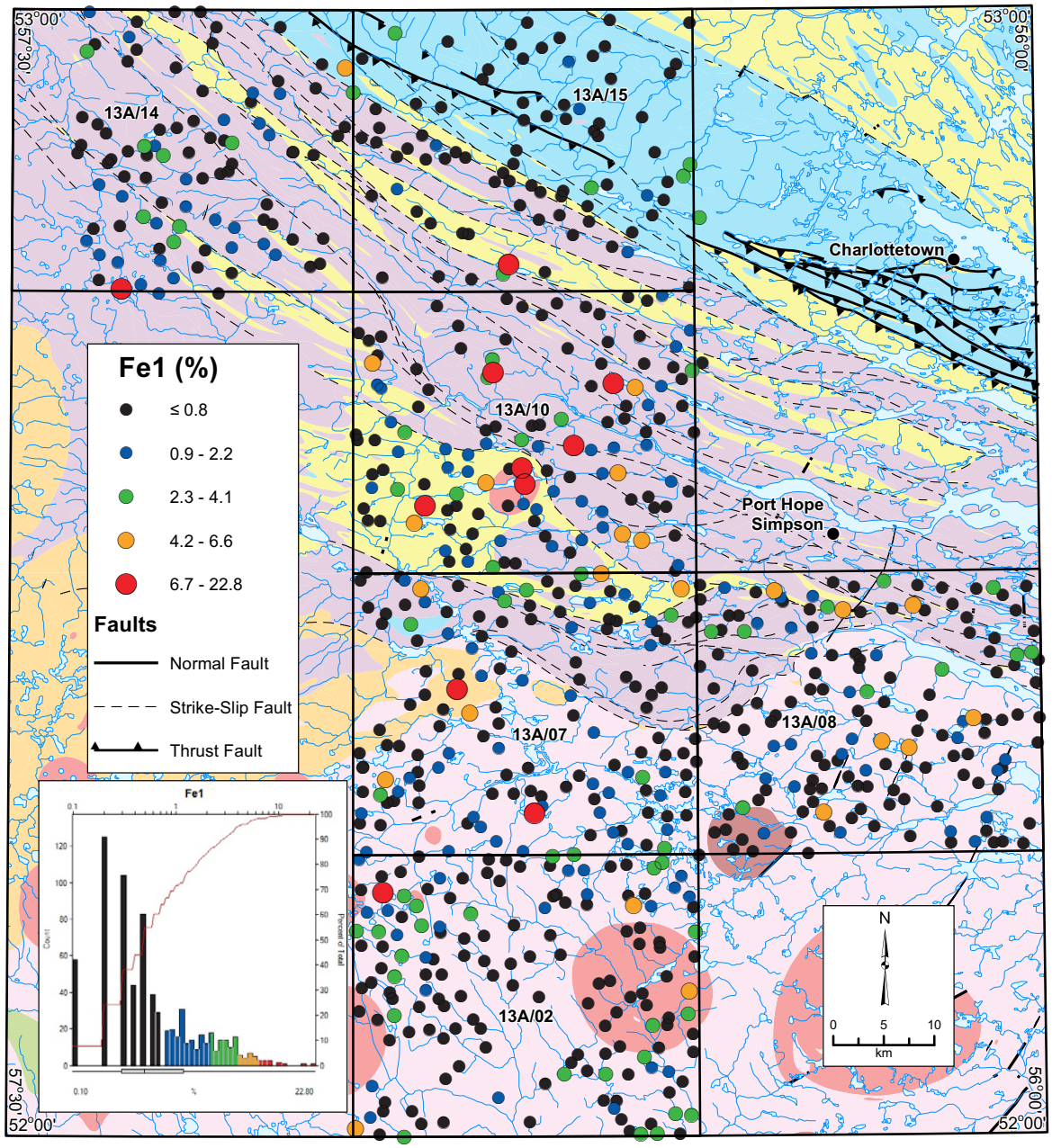
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 47. Europium (Eu1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

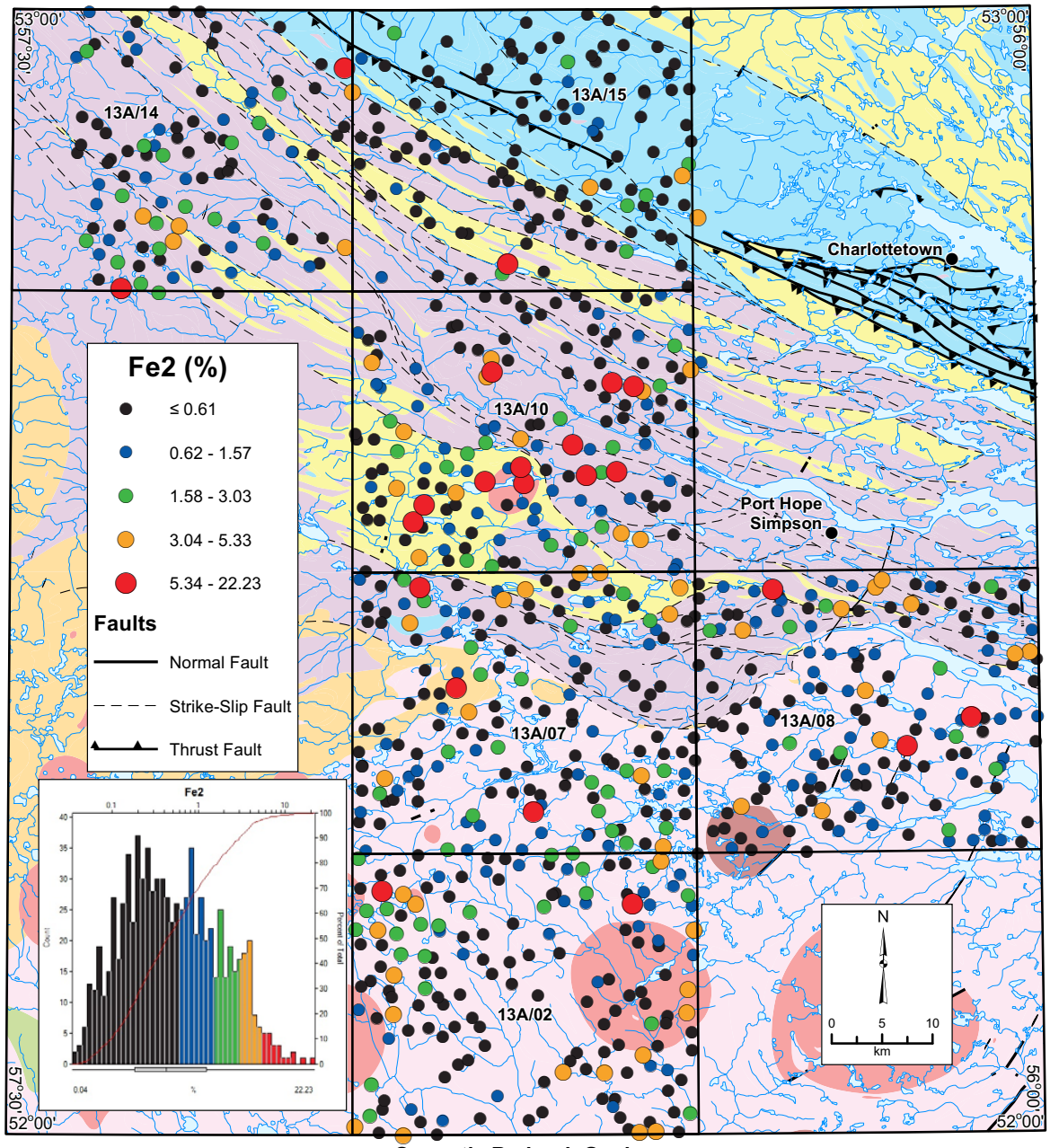
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 48. Iron (Fe1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

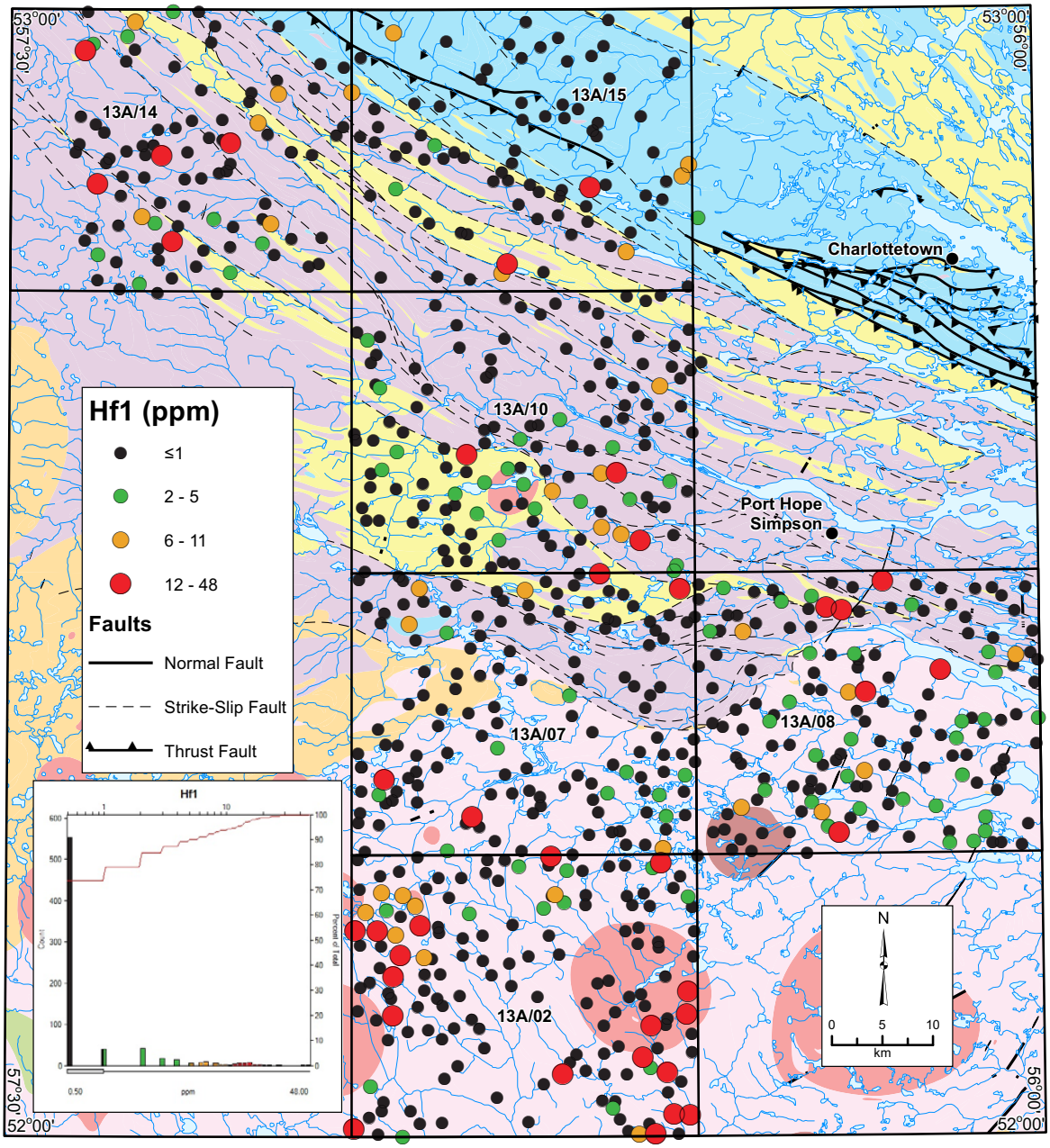
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 49. Iron (Fe2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

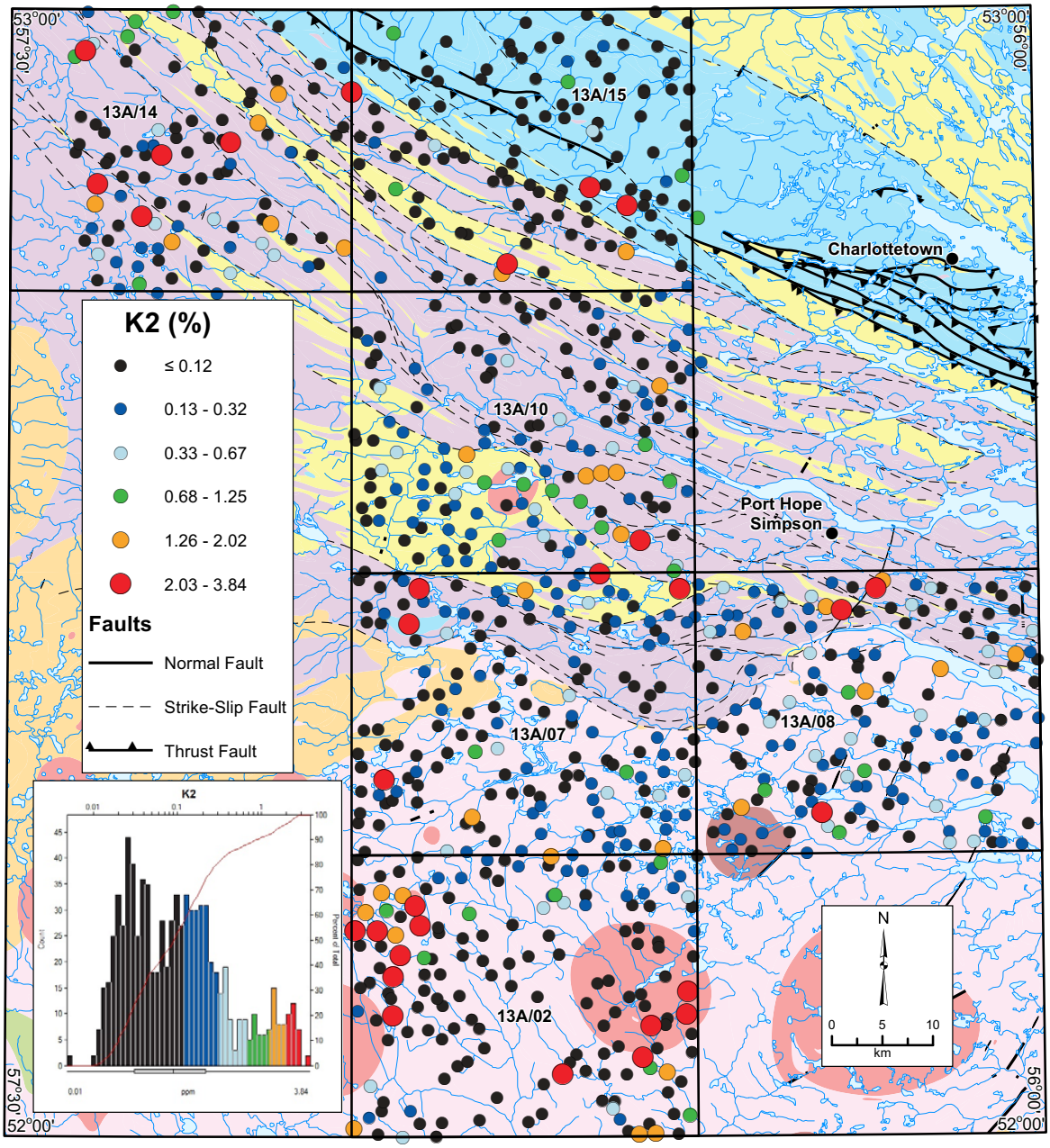
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 50. Hafnium (Hf1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

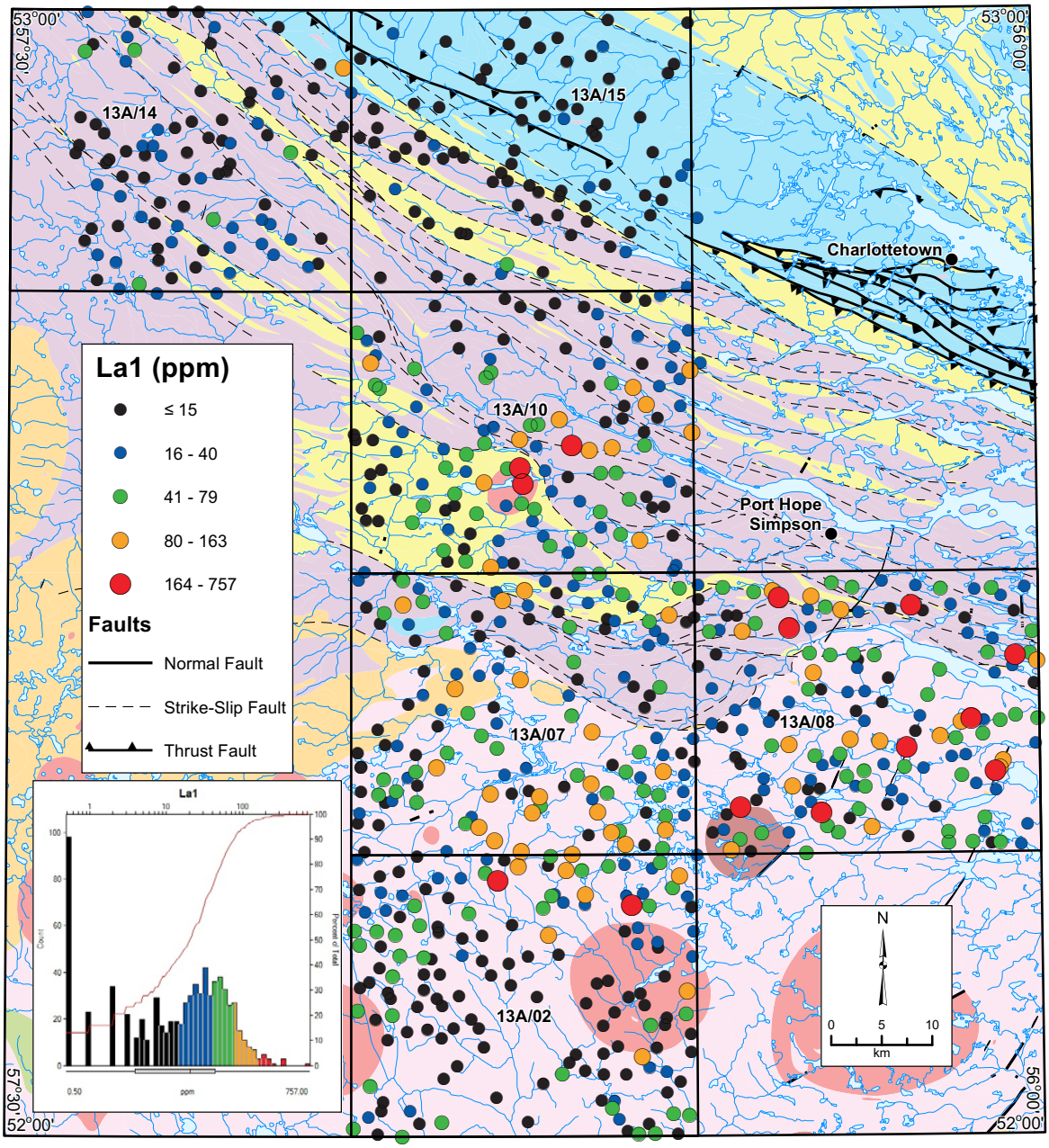
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 51. Potassium (K2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

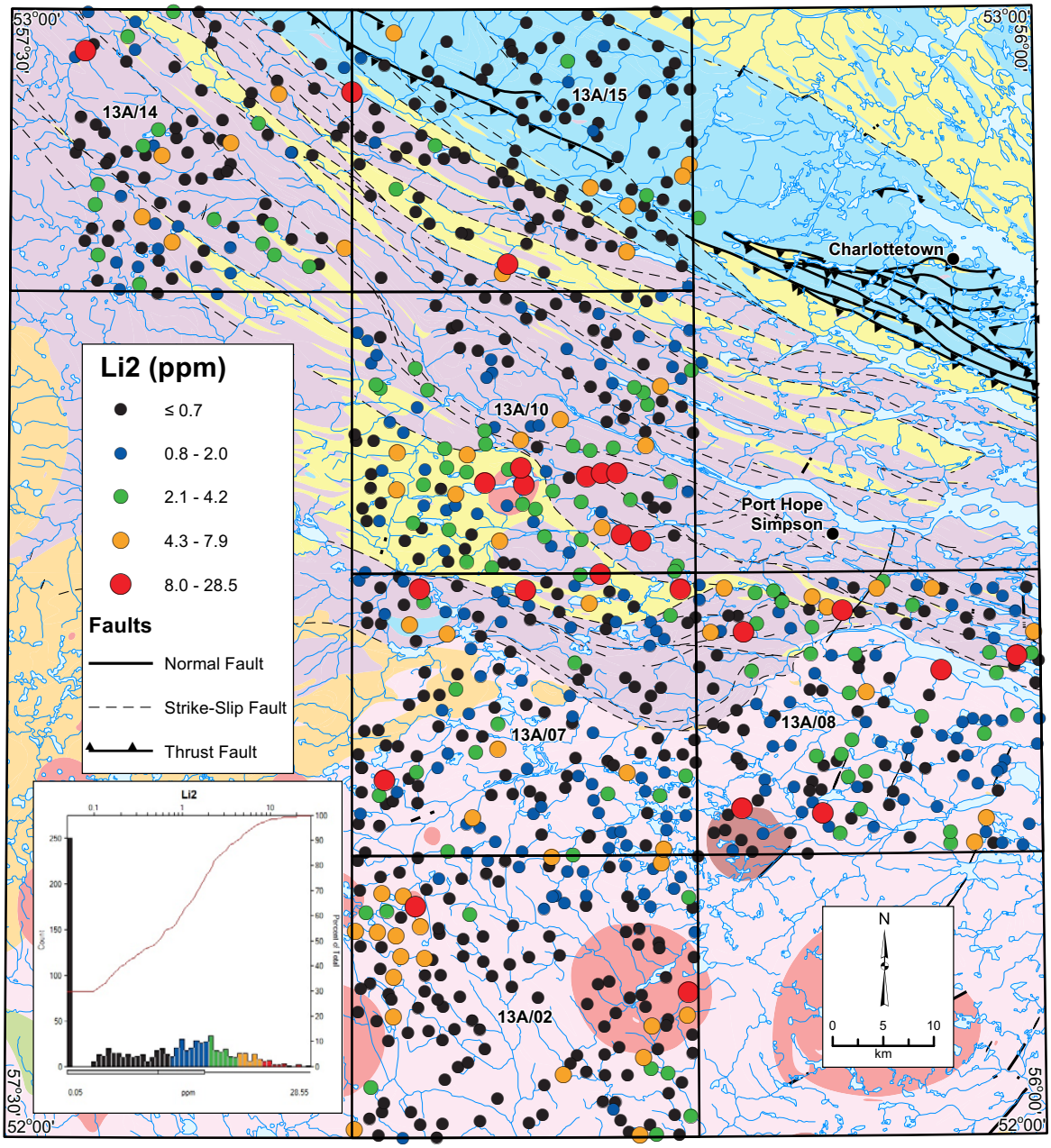
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 52. Lanthanum (La1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

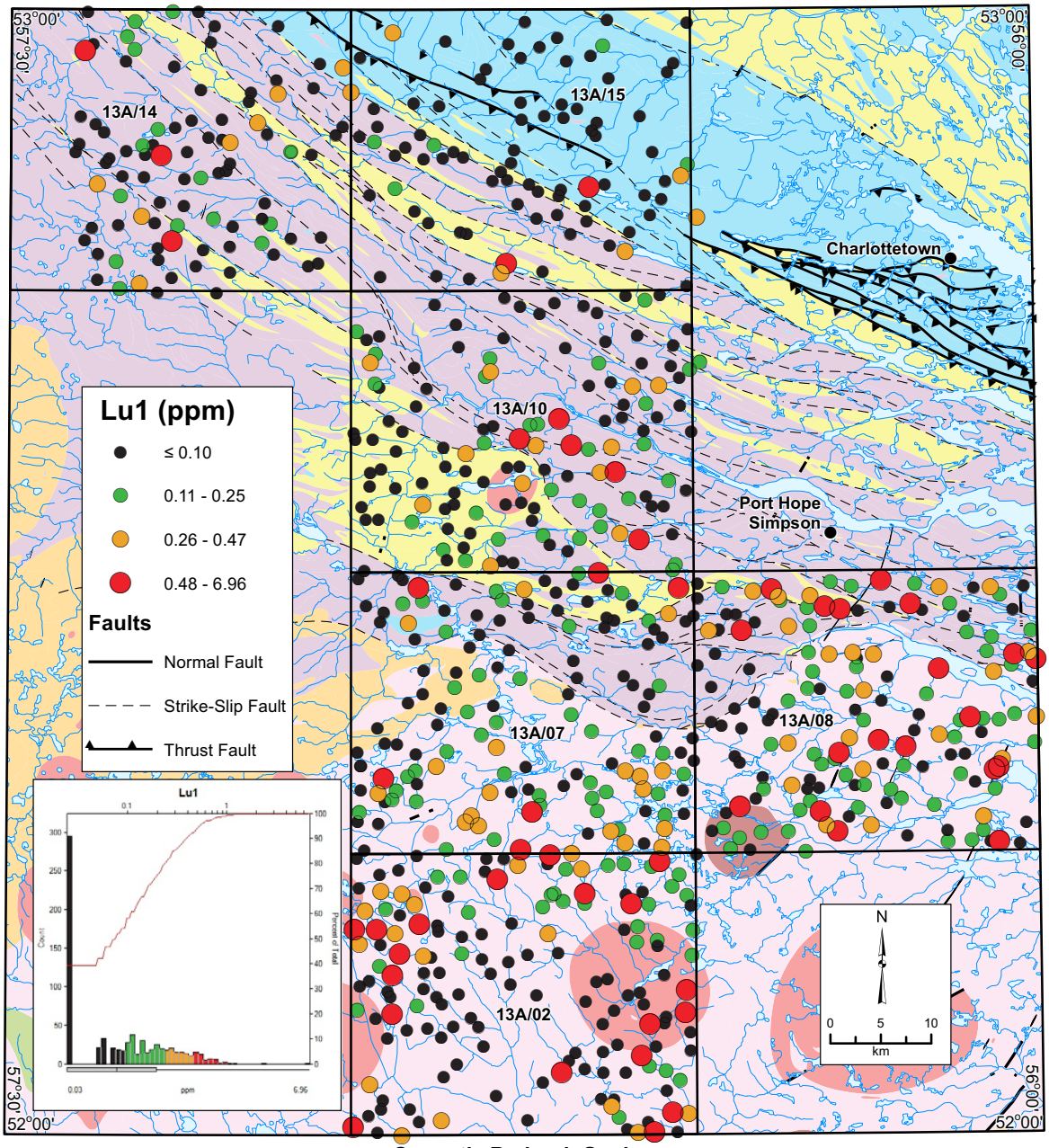
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 53. Lithium (Li2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

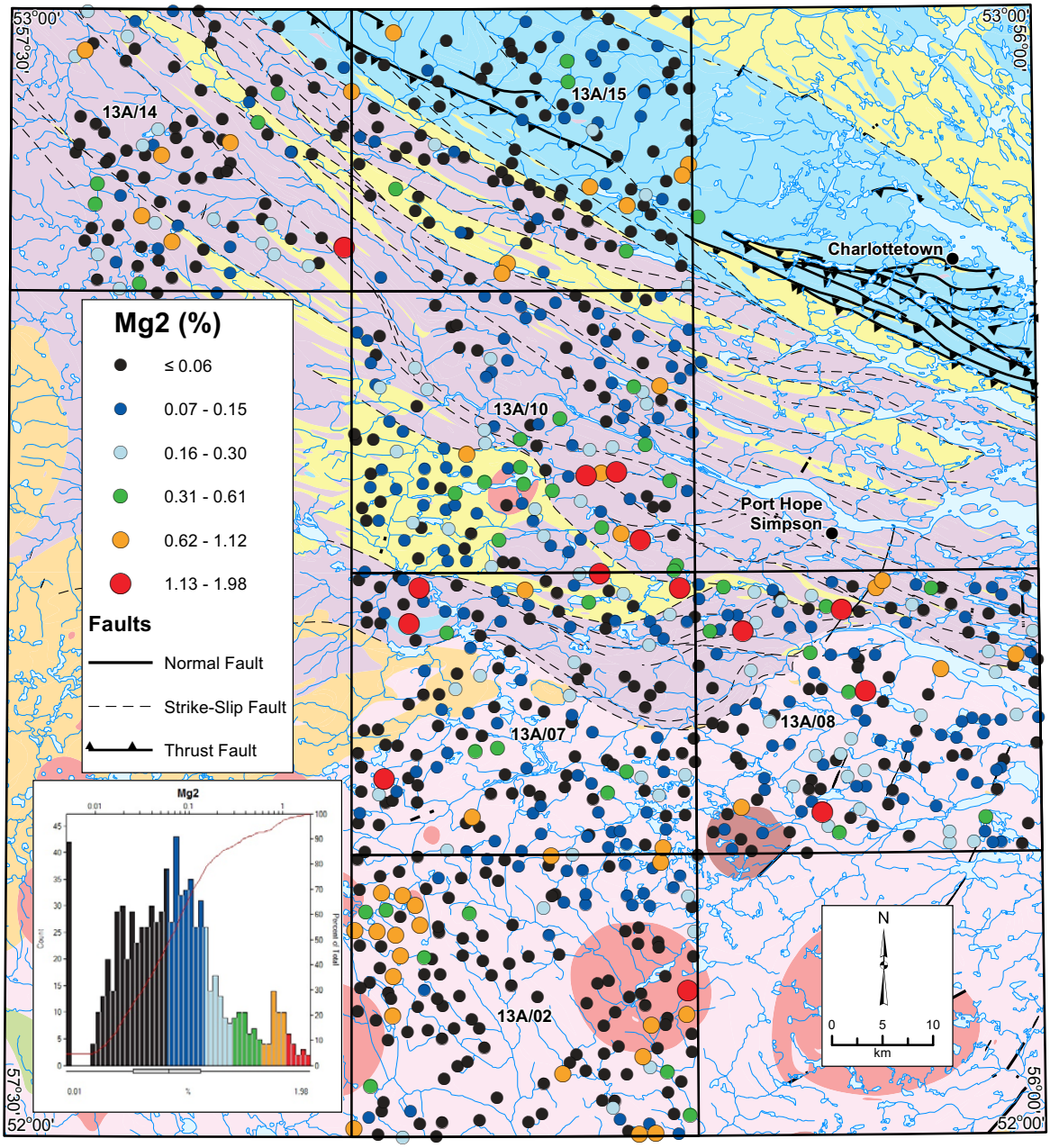
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 54. Lutetium (Lu1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

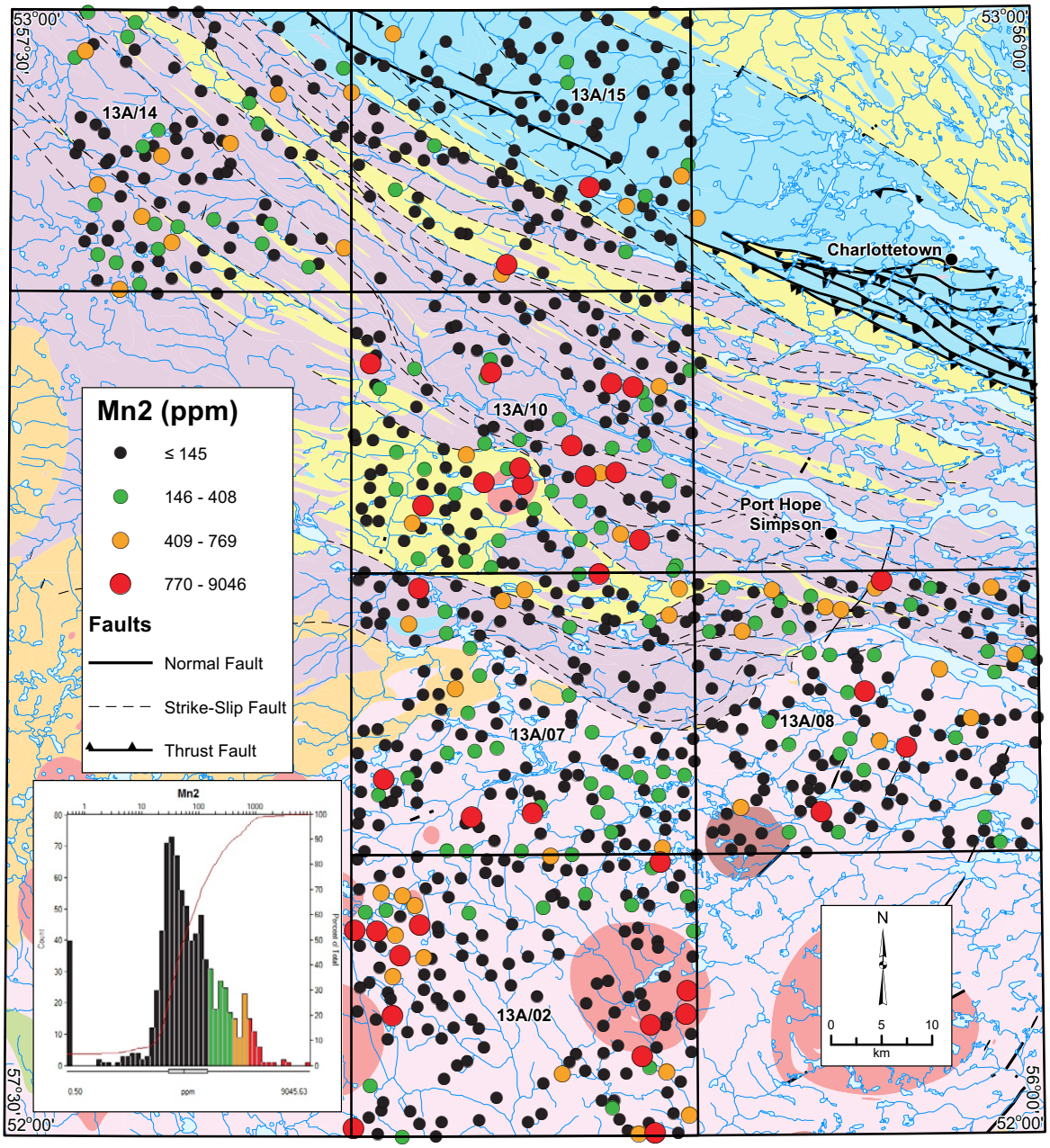
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 55. Magnesium (Mg2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

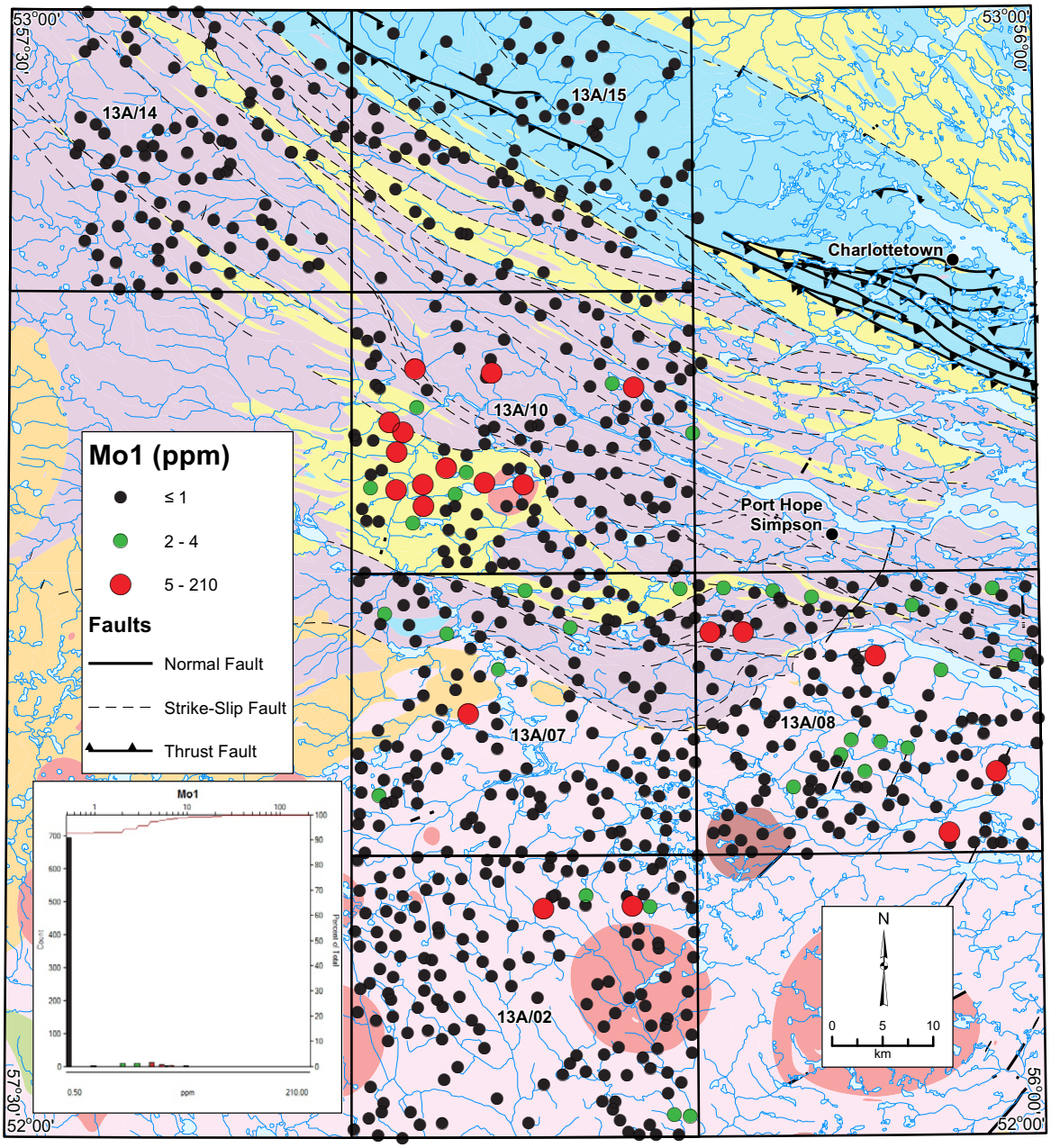
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 56. Manganese (Mn2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

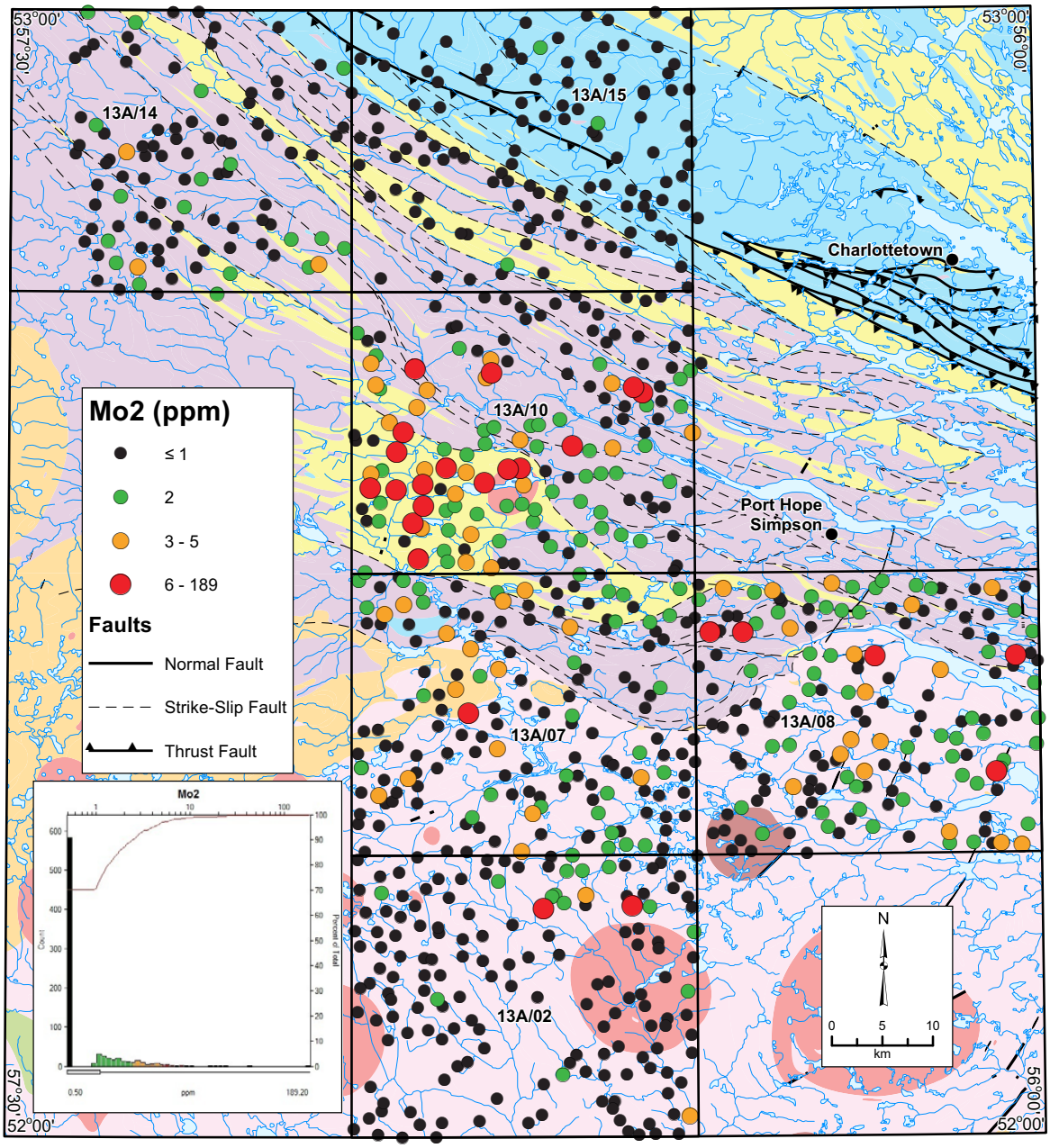
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 57. Molybdenum (Mo1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

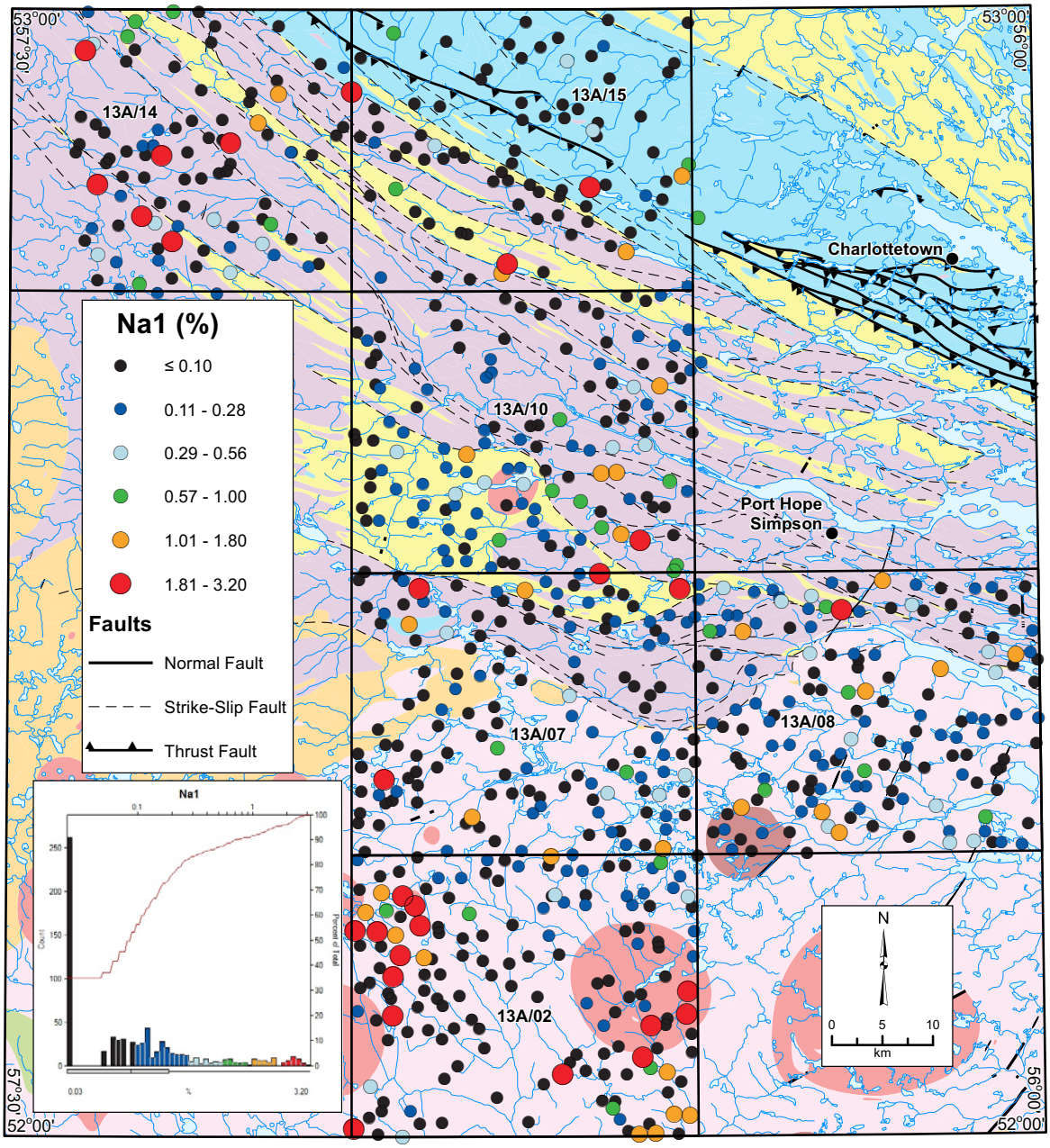
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 58. Molybdenum (Mo2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

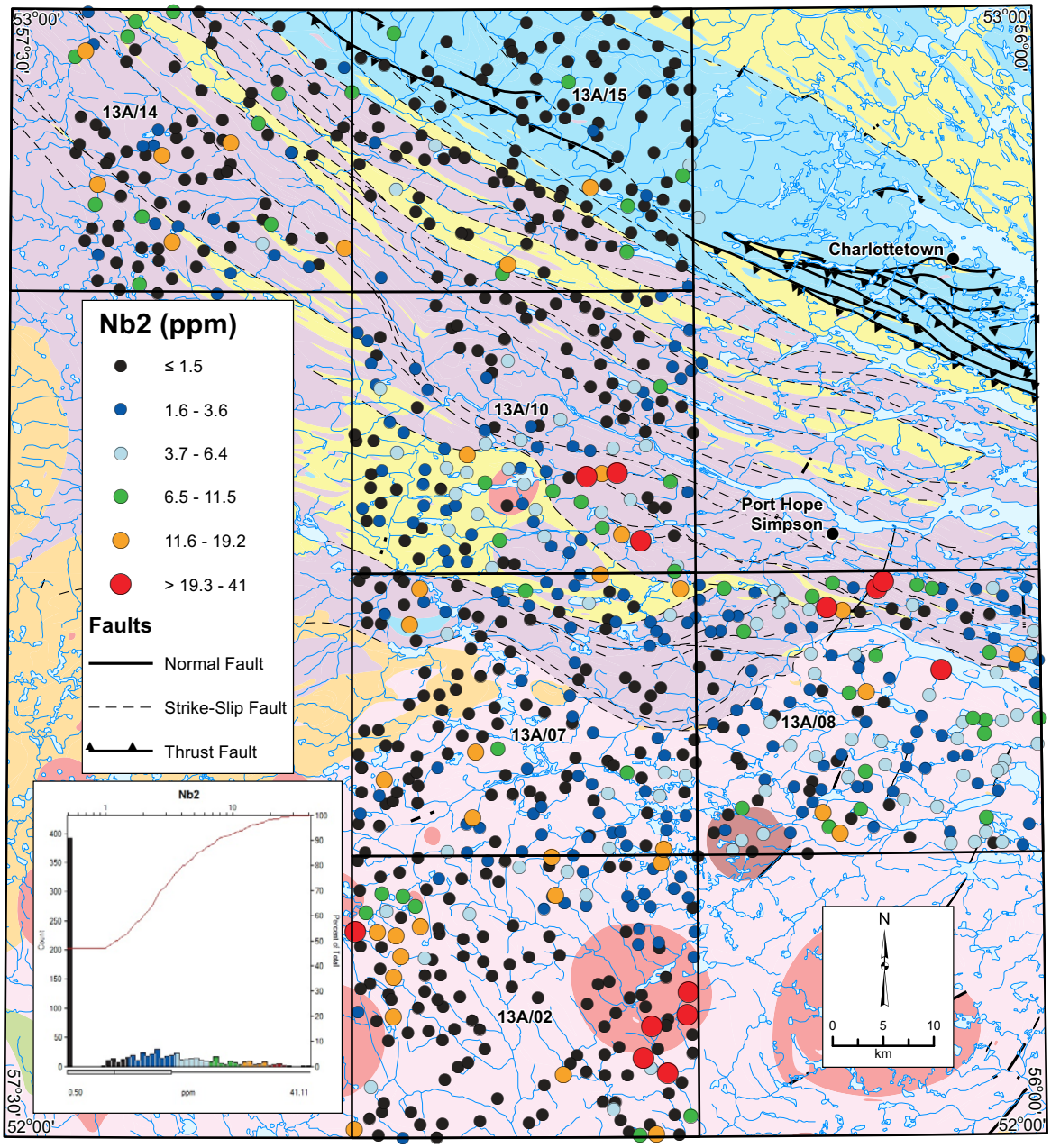
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 59. Sodium (Na1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

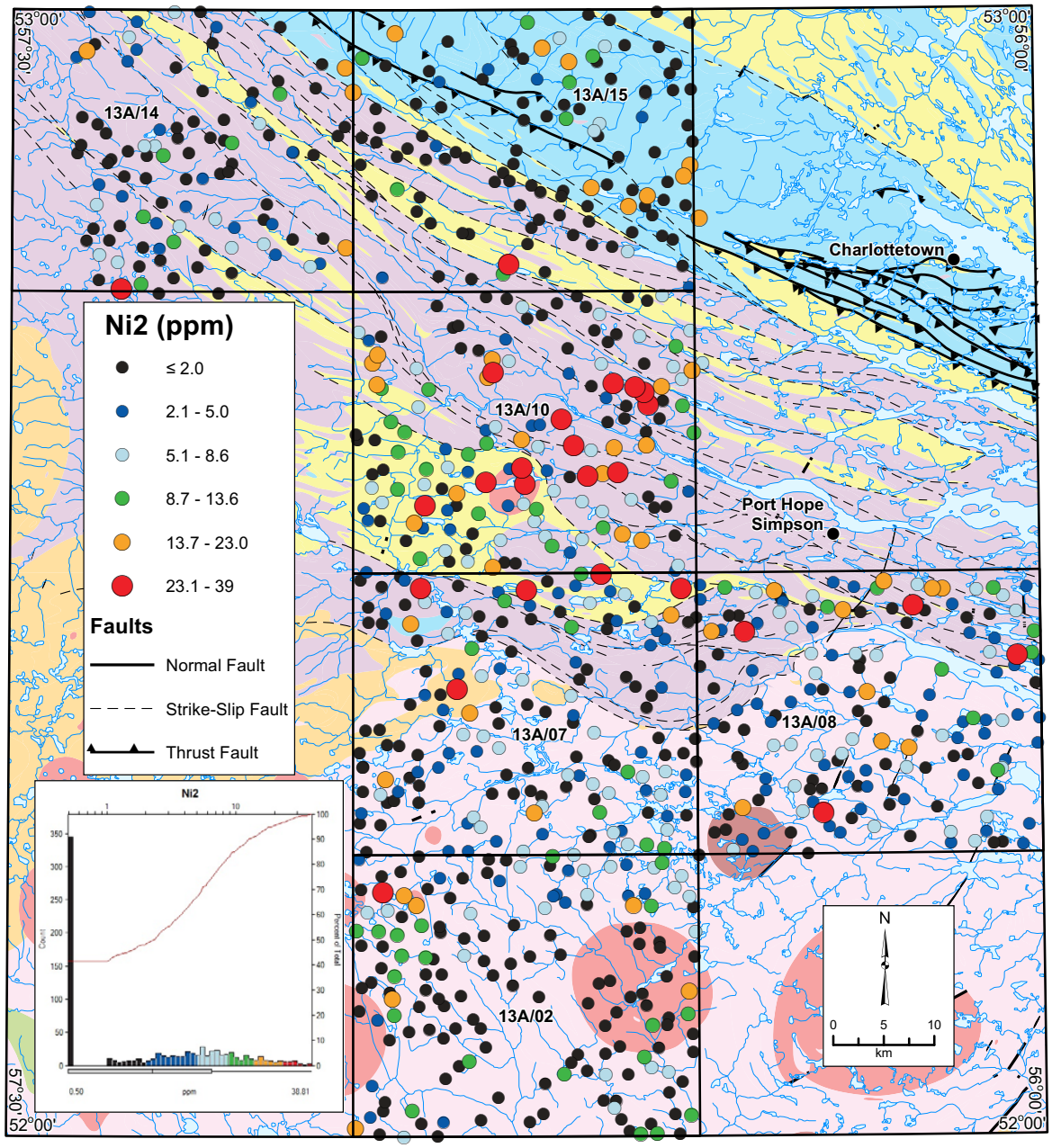
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 60. Niobium (Nb2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

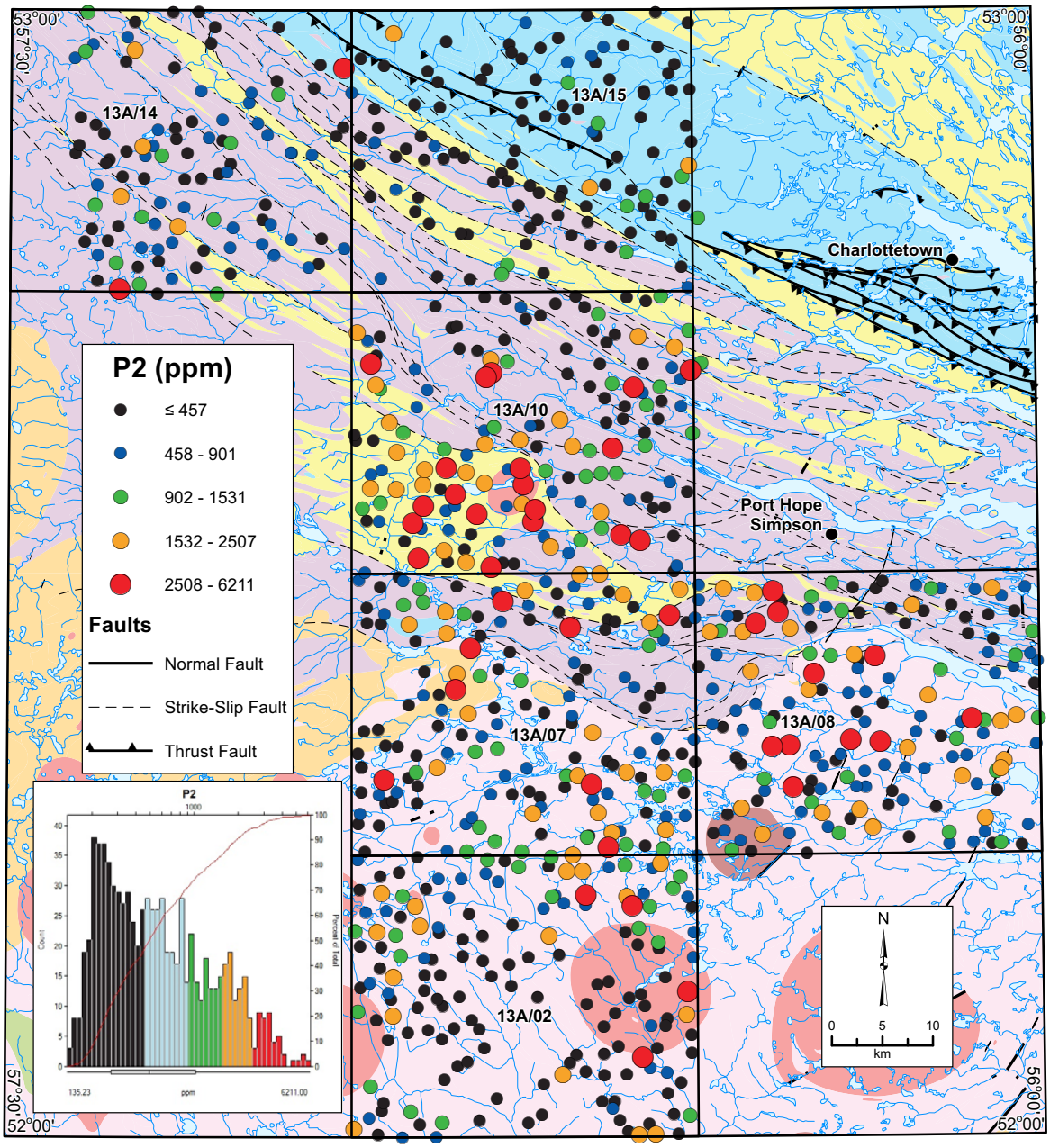
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 61. Nickel (Ni2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

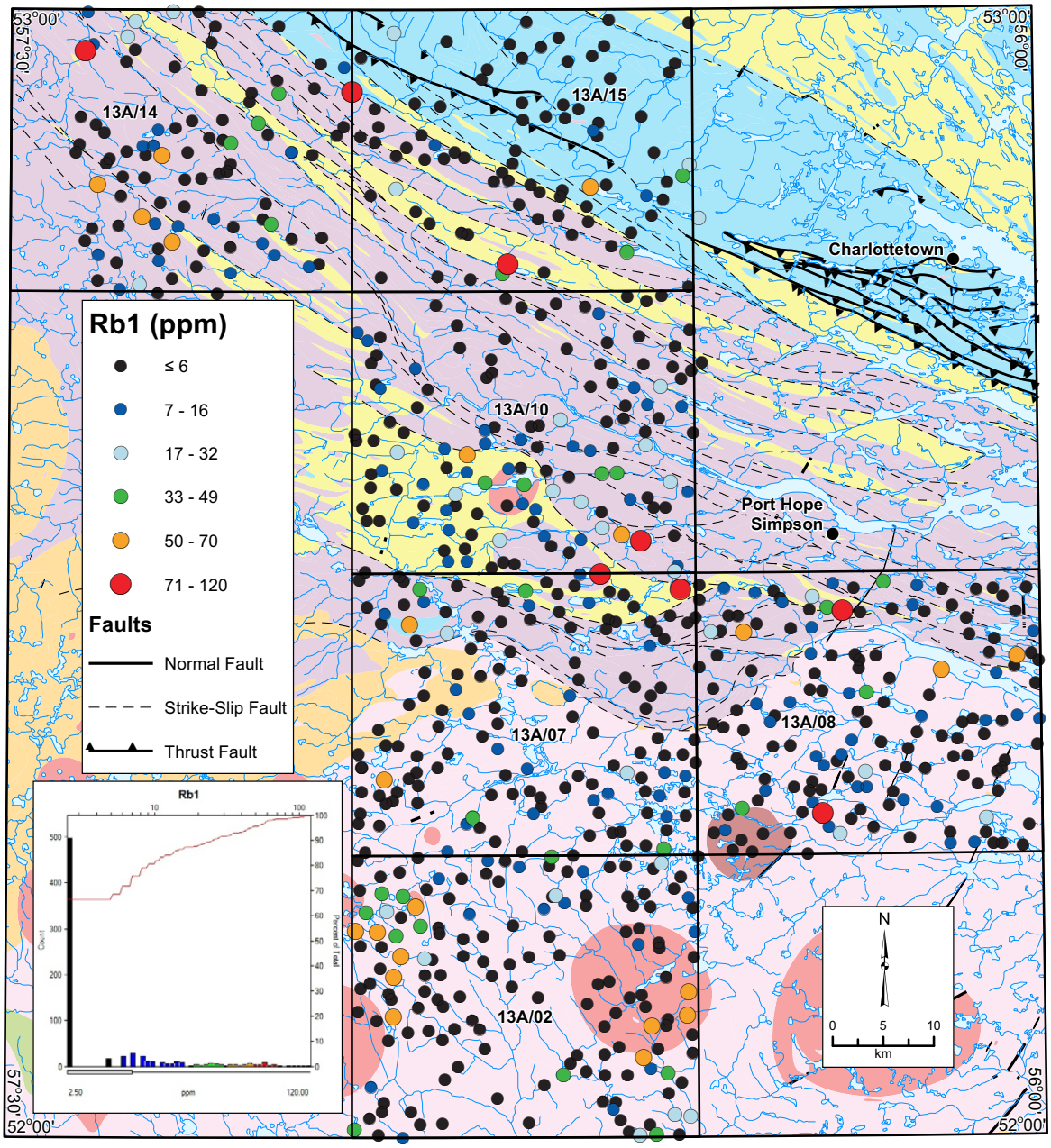
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 62. Phosphorus (P2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

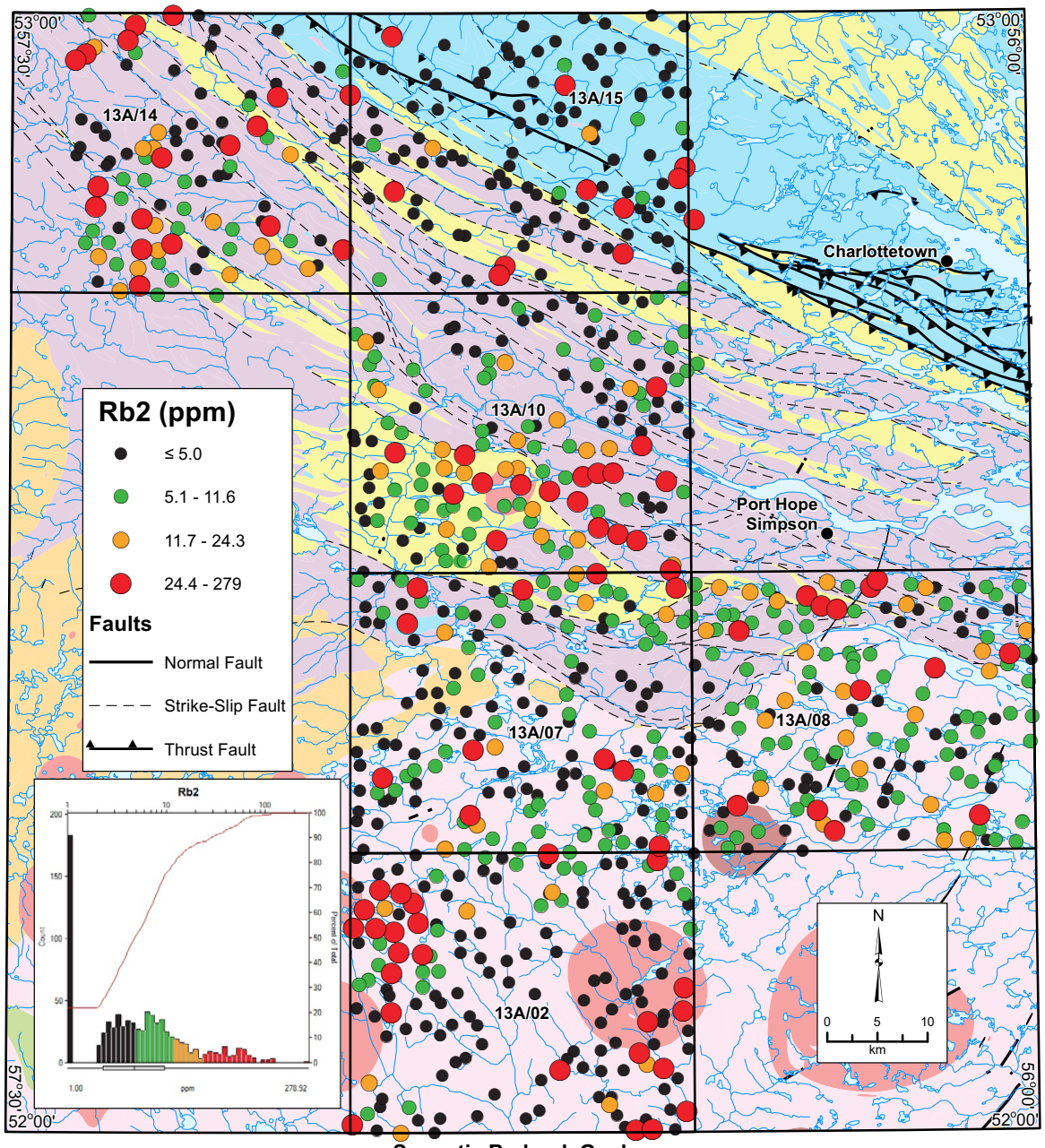
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 63. Rubidium (Rb1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

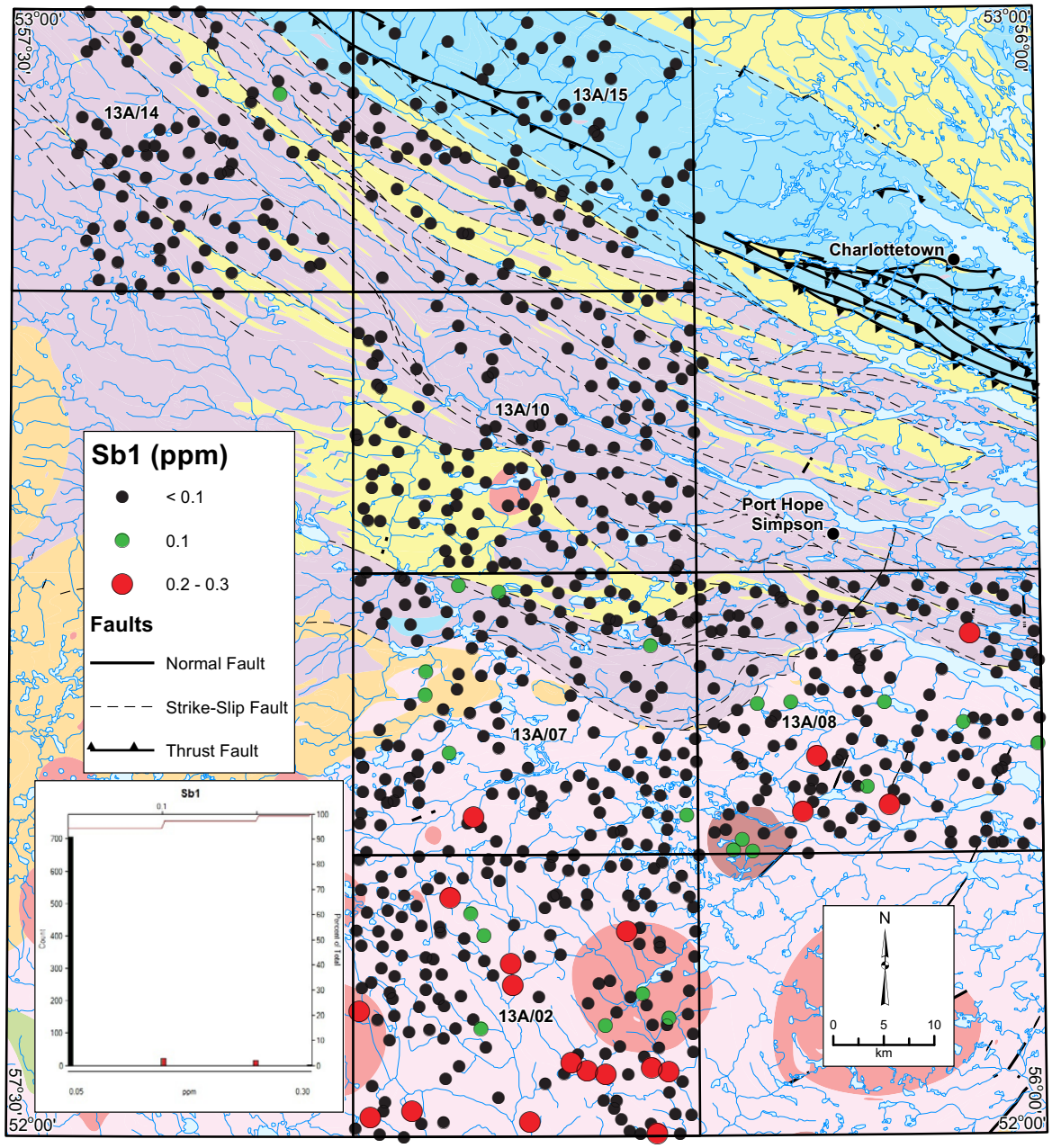
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 64. Rubidium (Rb2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

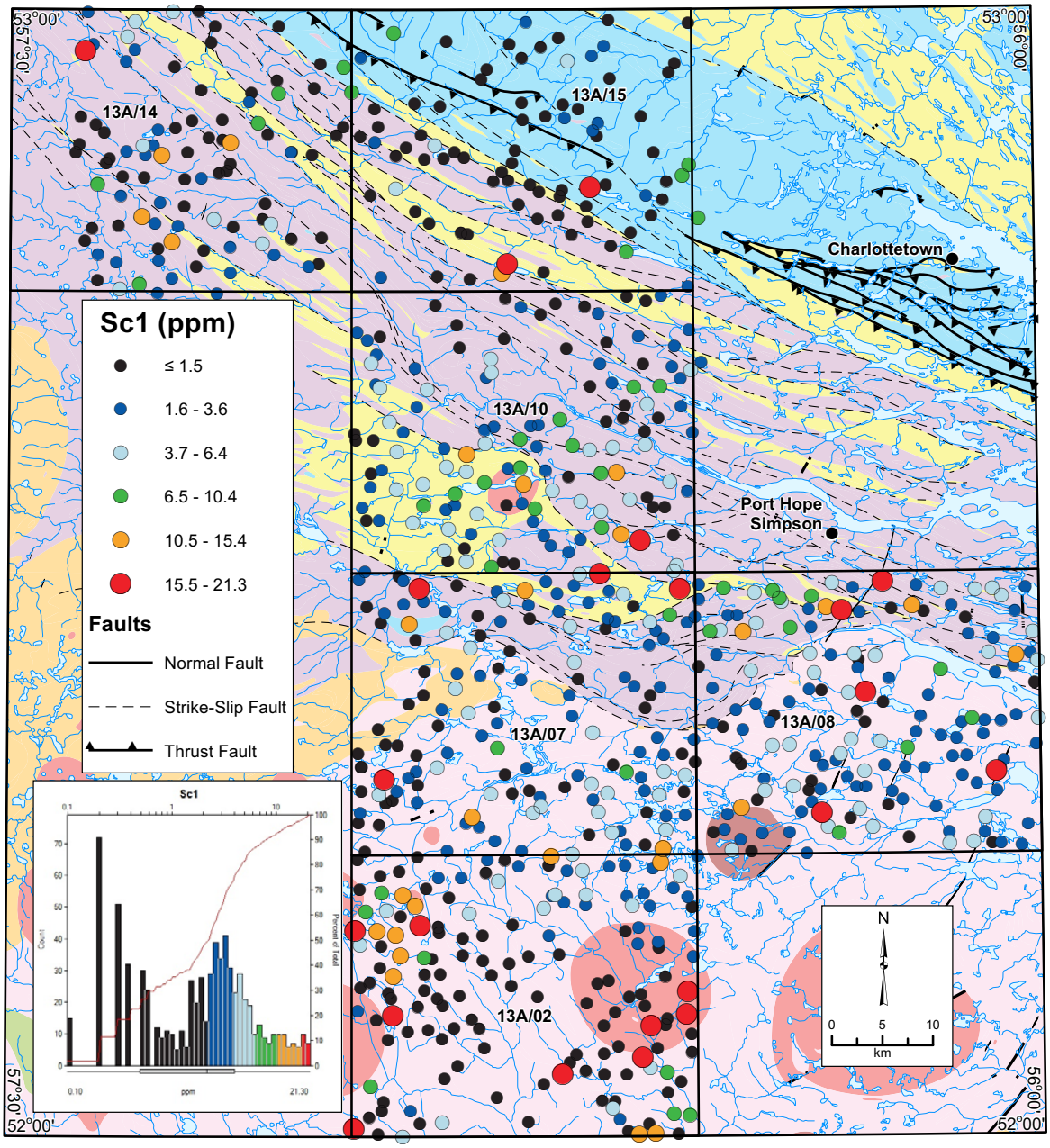
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 65. Antimony (Sb1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

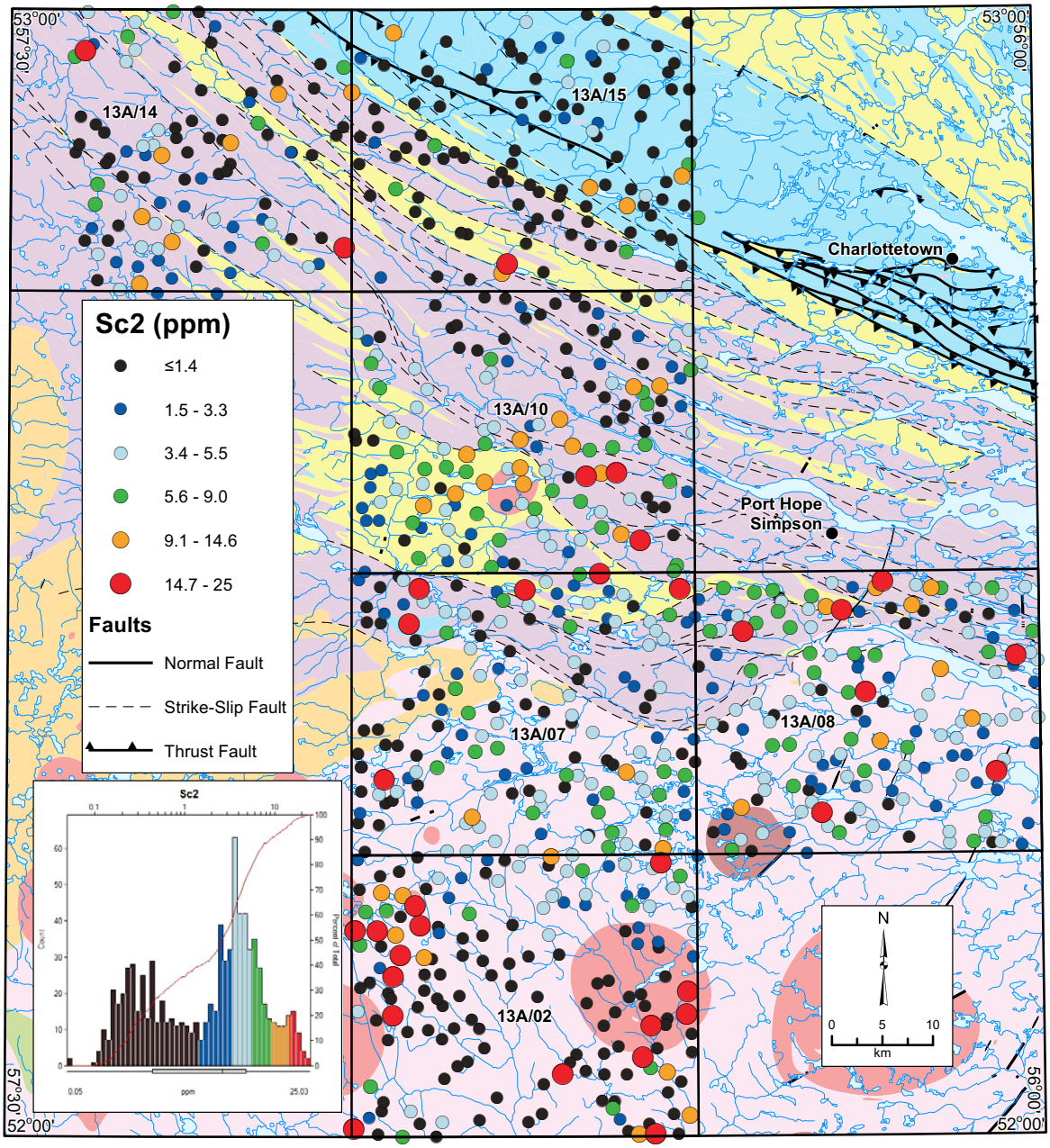
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 66. Scandium (Sc1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

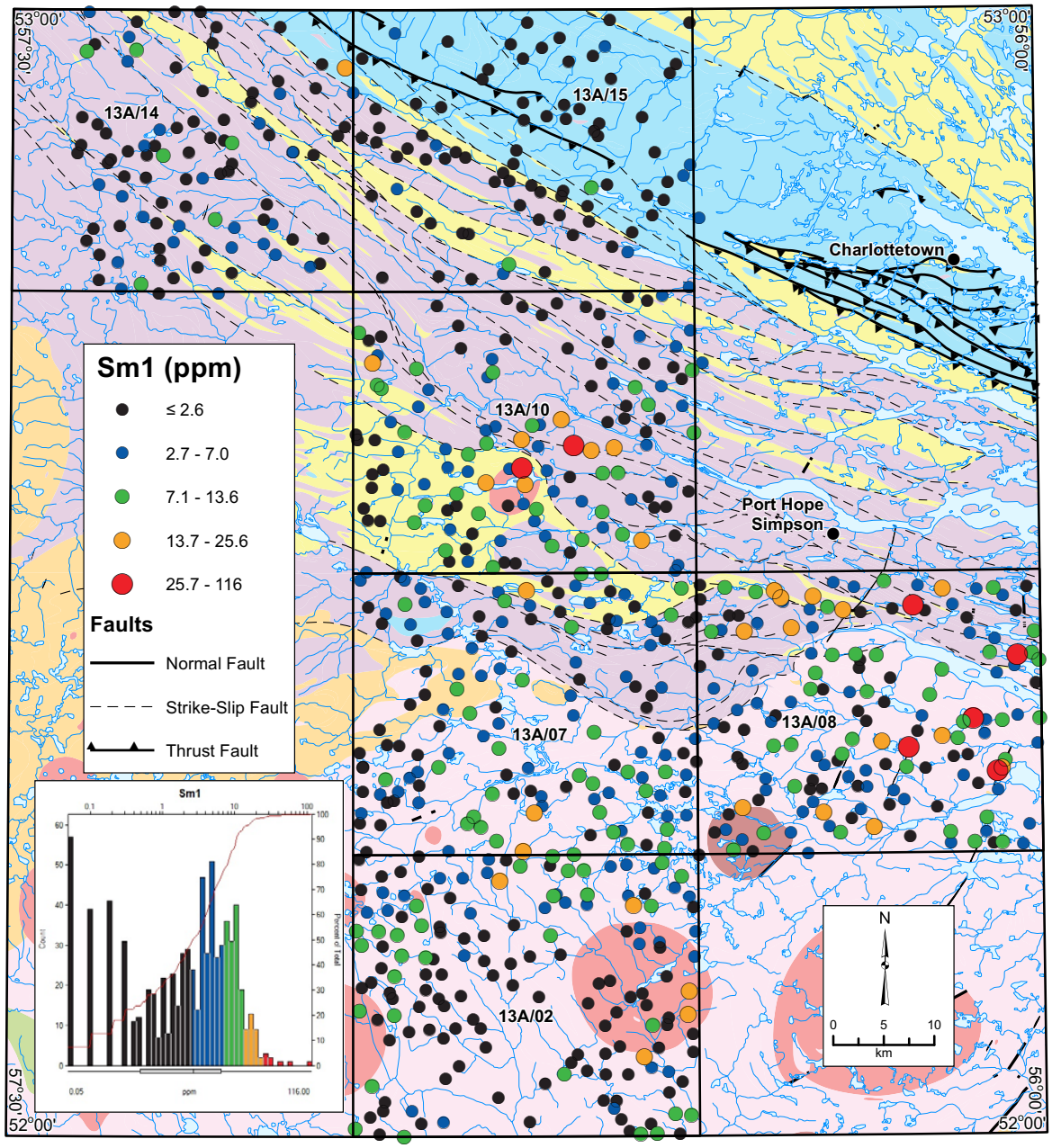
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 67. Scandium (Sc2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

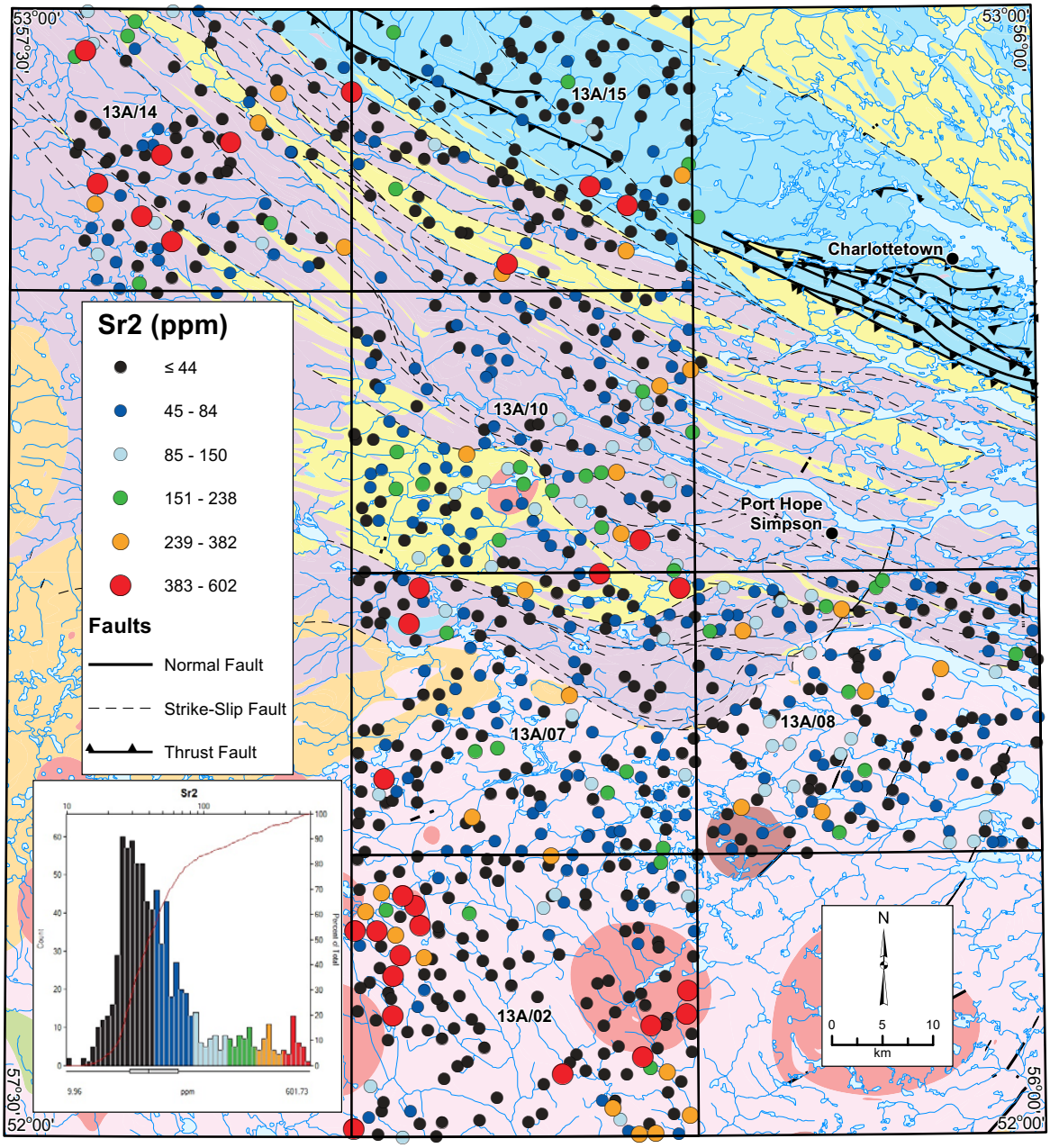
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 68. Samarium (Sm1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

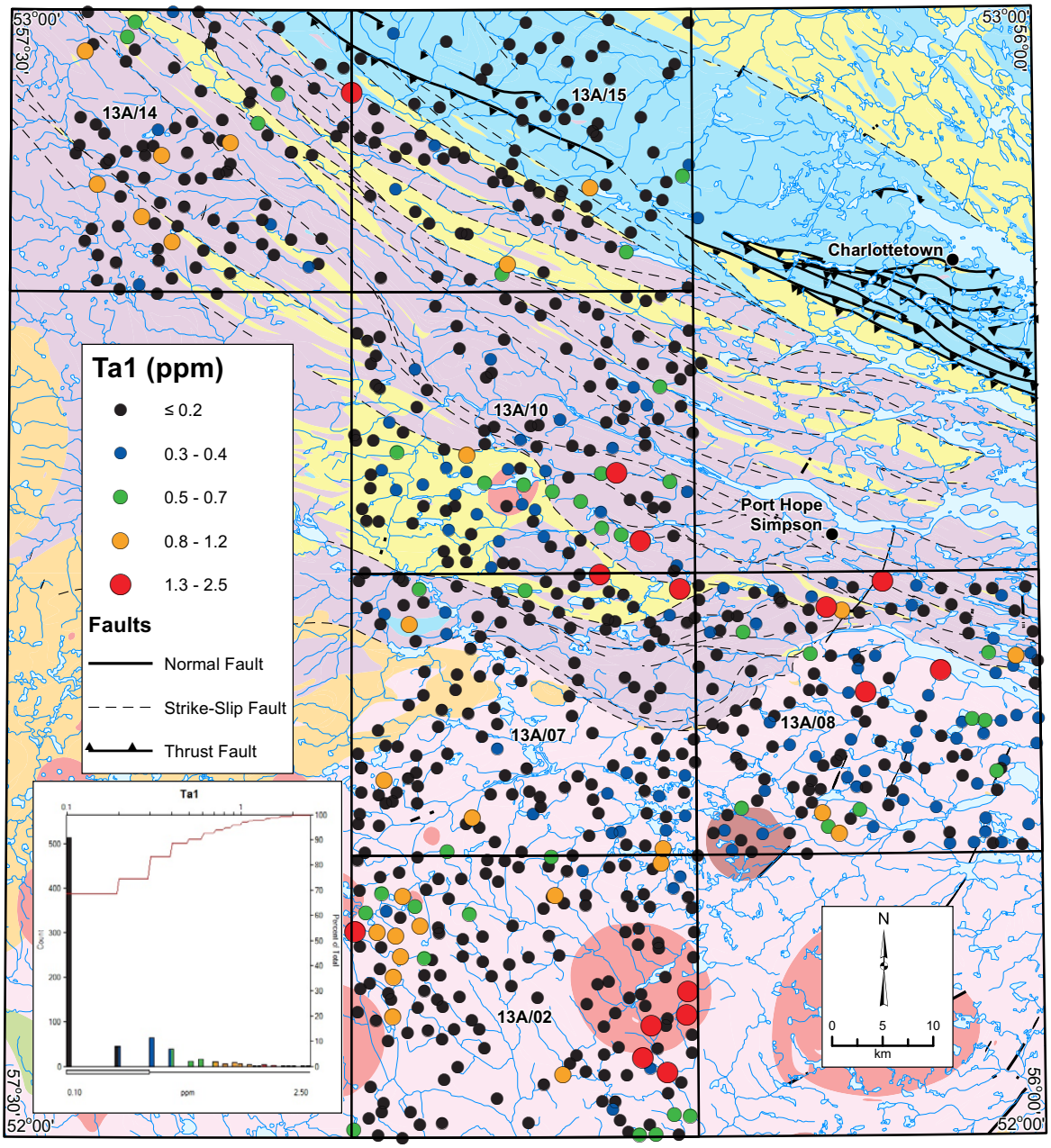
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 69. Strontium (Sr2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

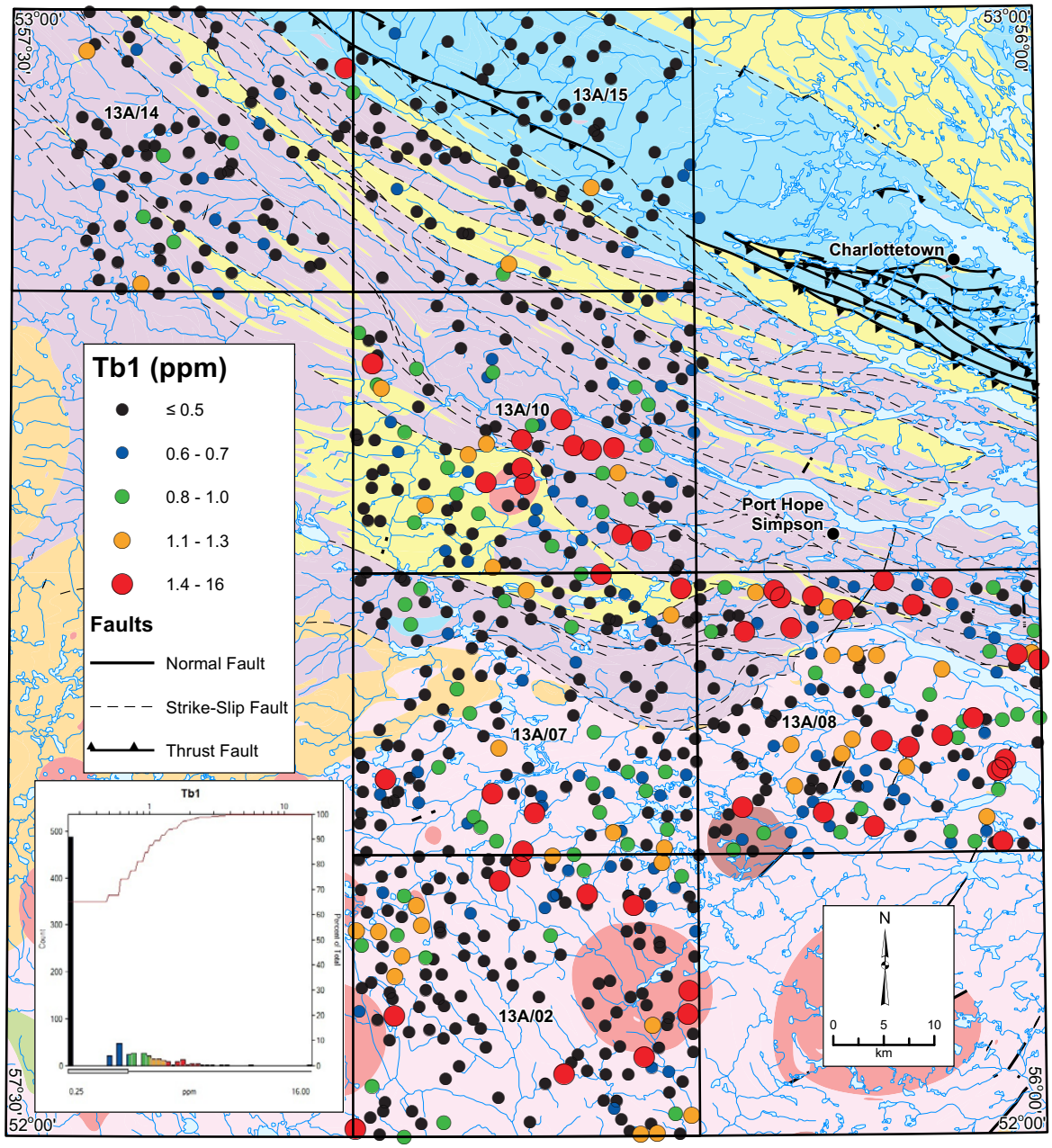
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 70. Tantalum (Ta1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

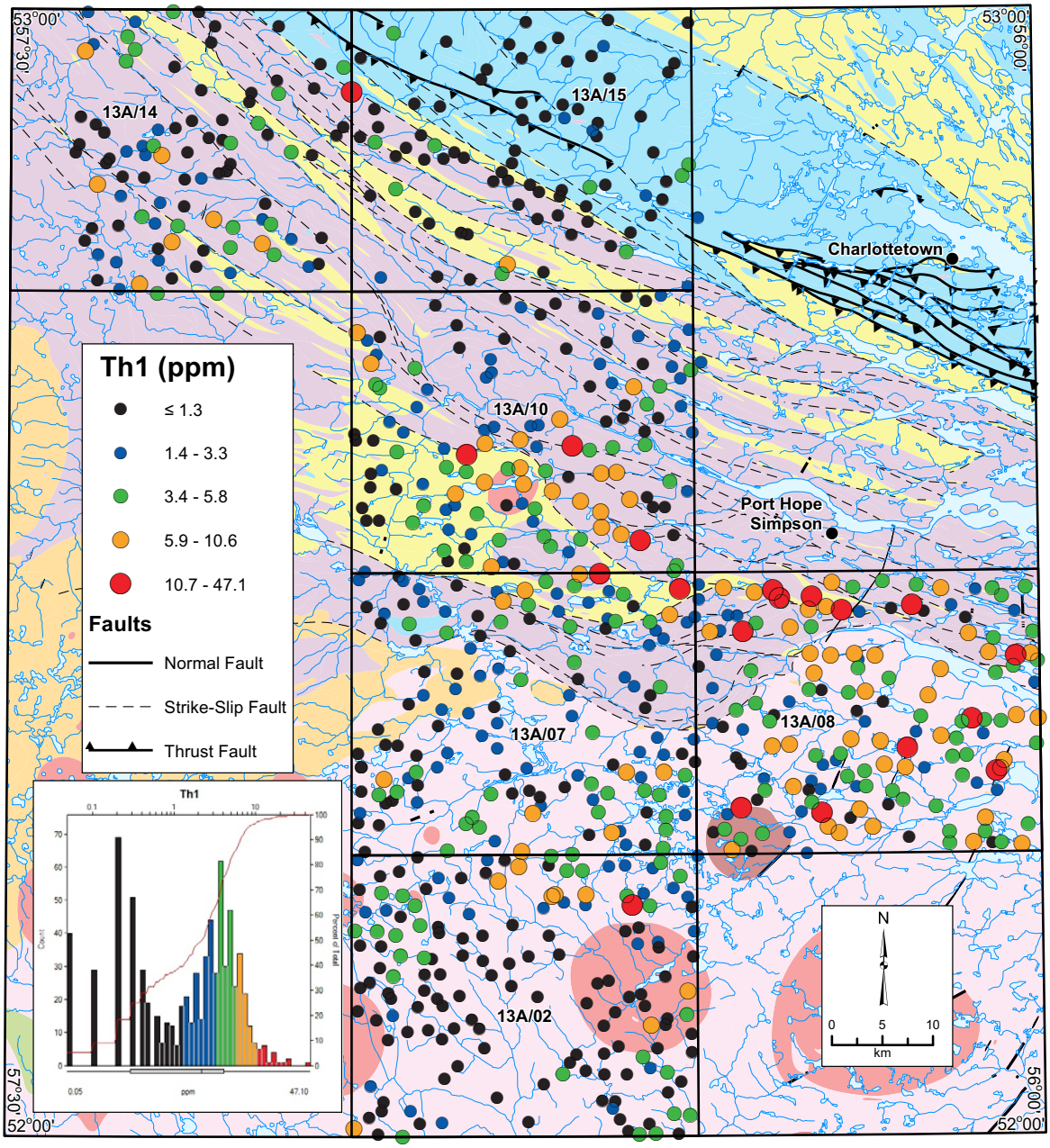
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 71. Terbium (Tb1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

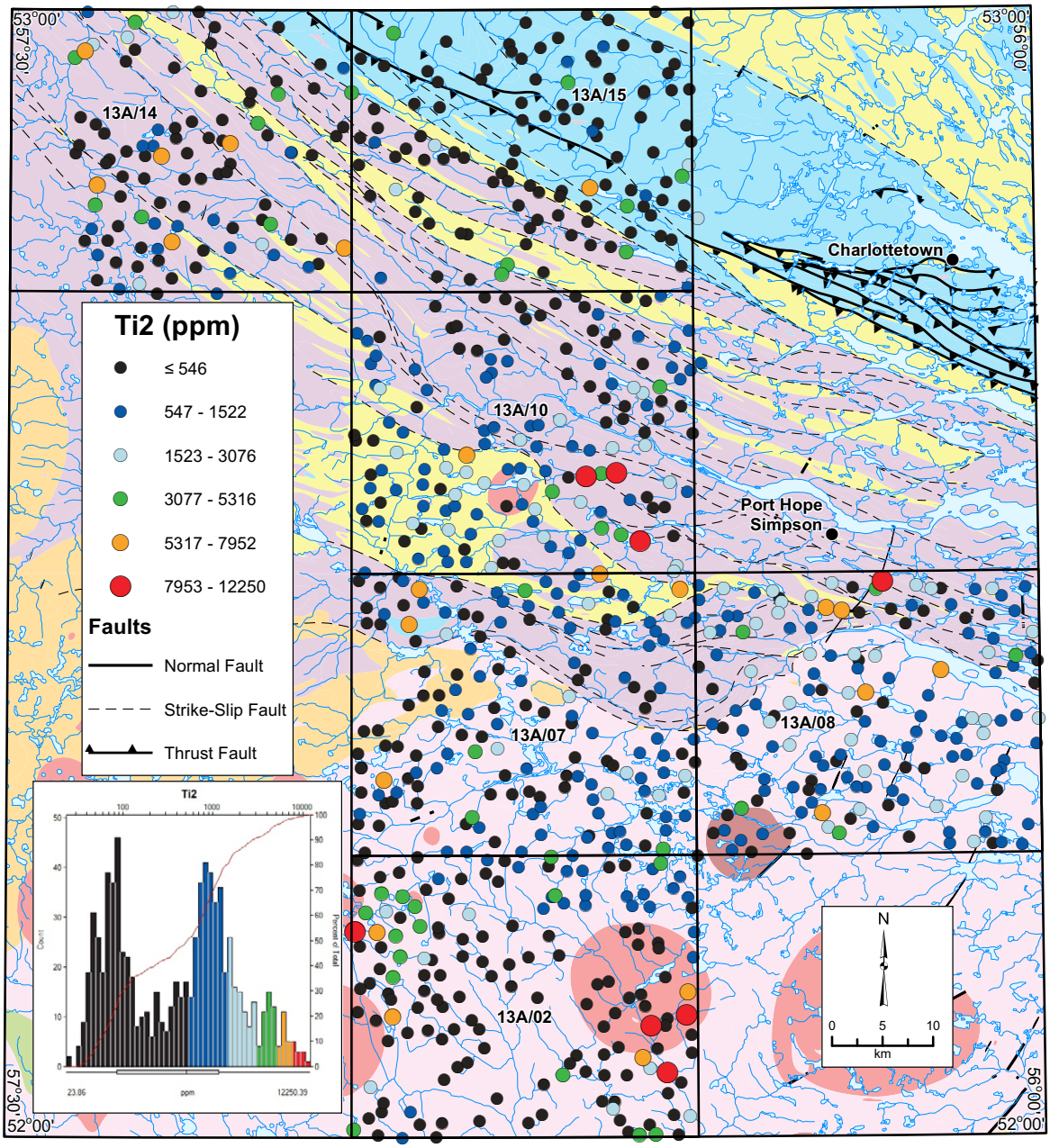
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 72. Thorium (Th1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

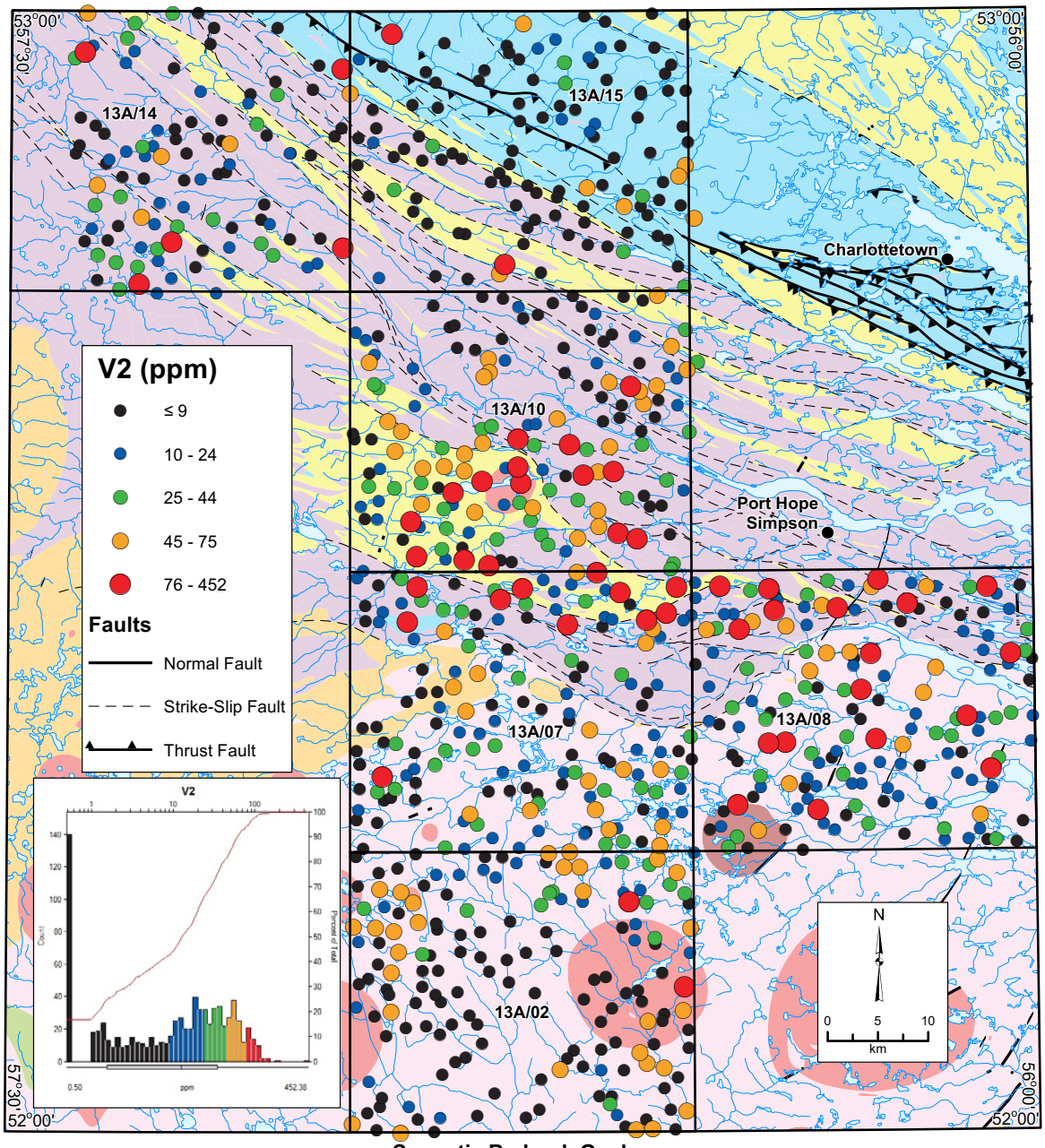
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 73. Titanium (Ti2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

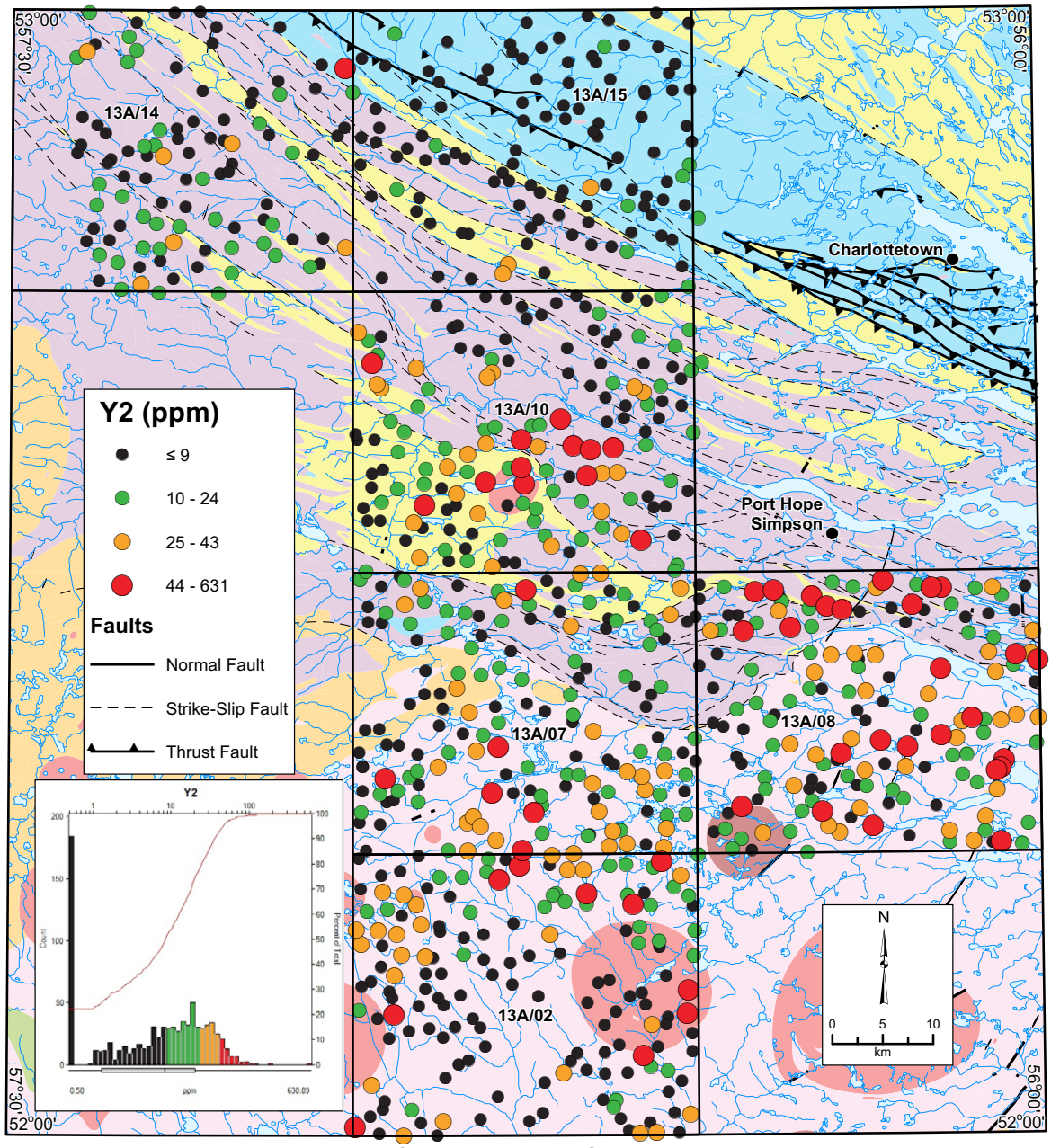
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 74. Vanadium (V2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

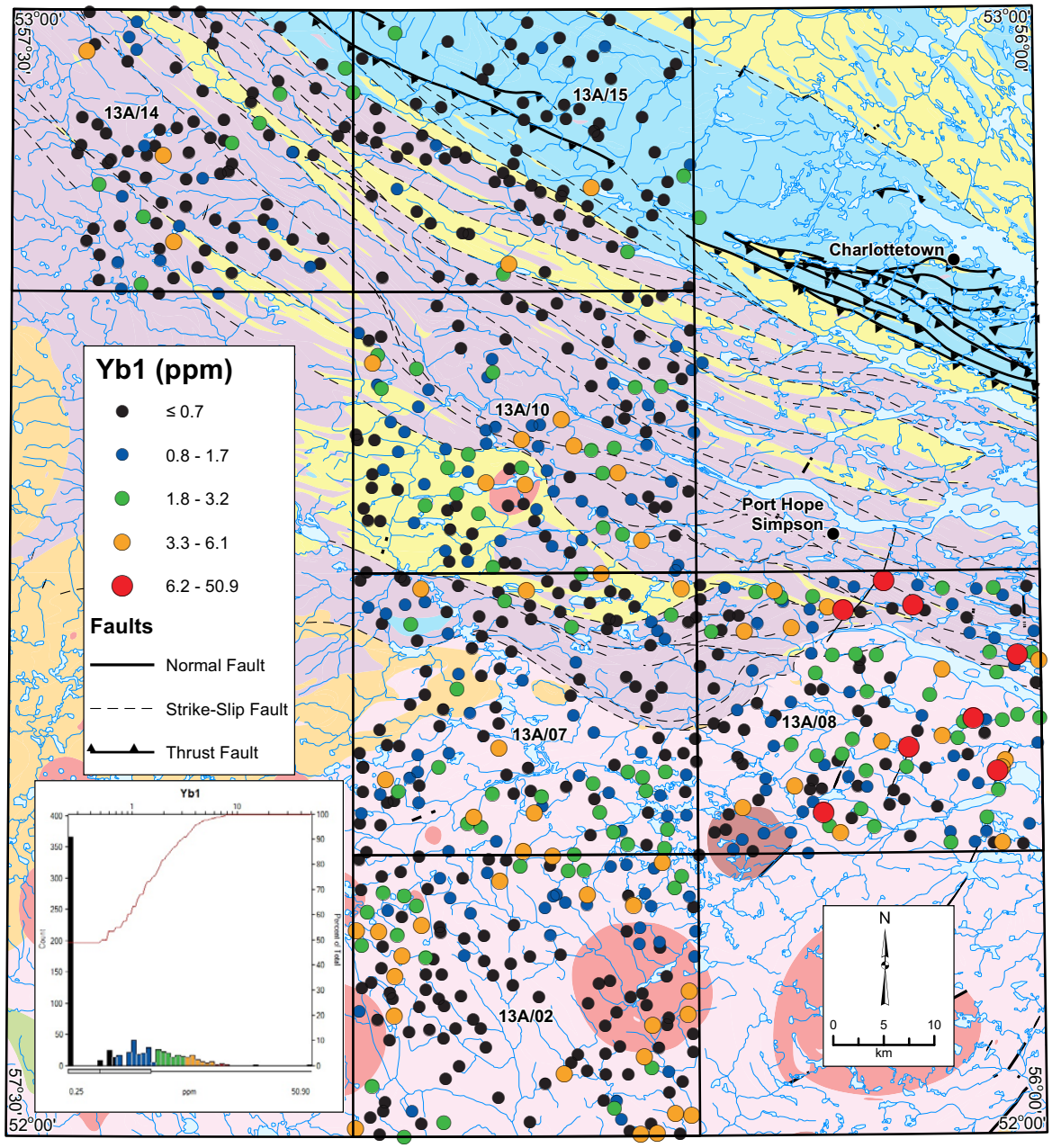
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 75. Yttrium (Y2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

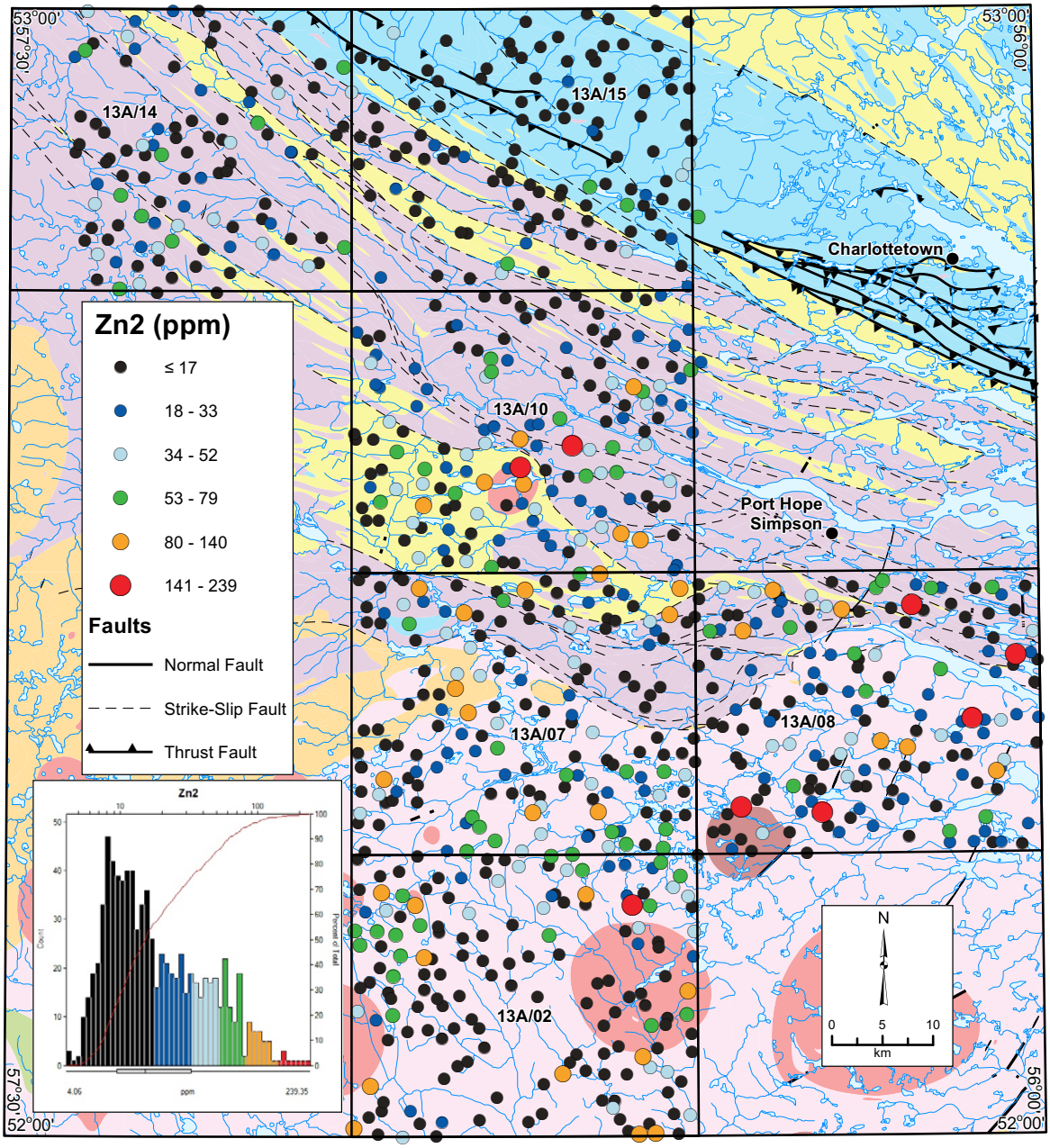
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 76. Ytterbium (Yb1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

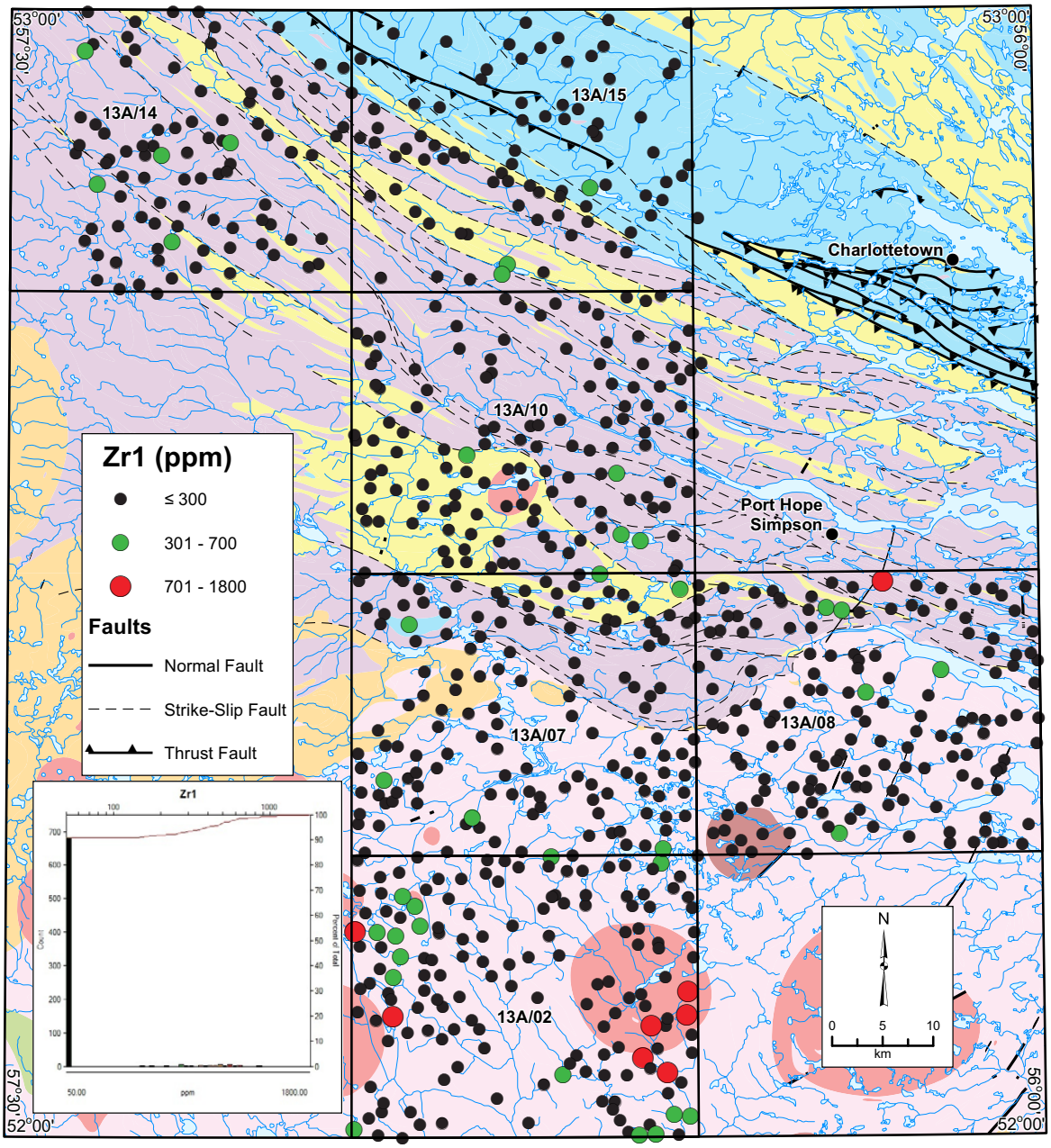
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 77. Zinc (Zn2) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

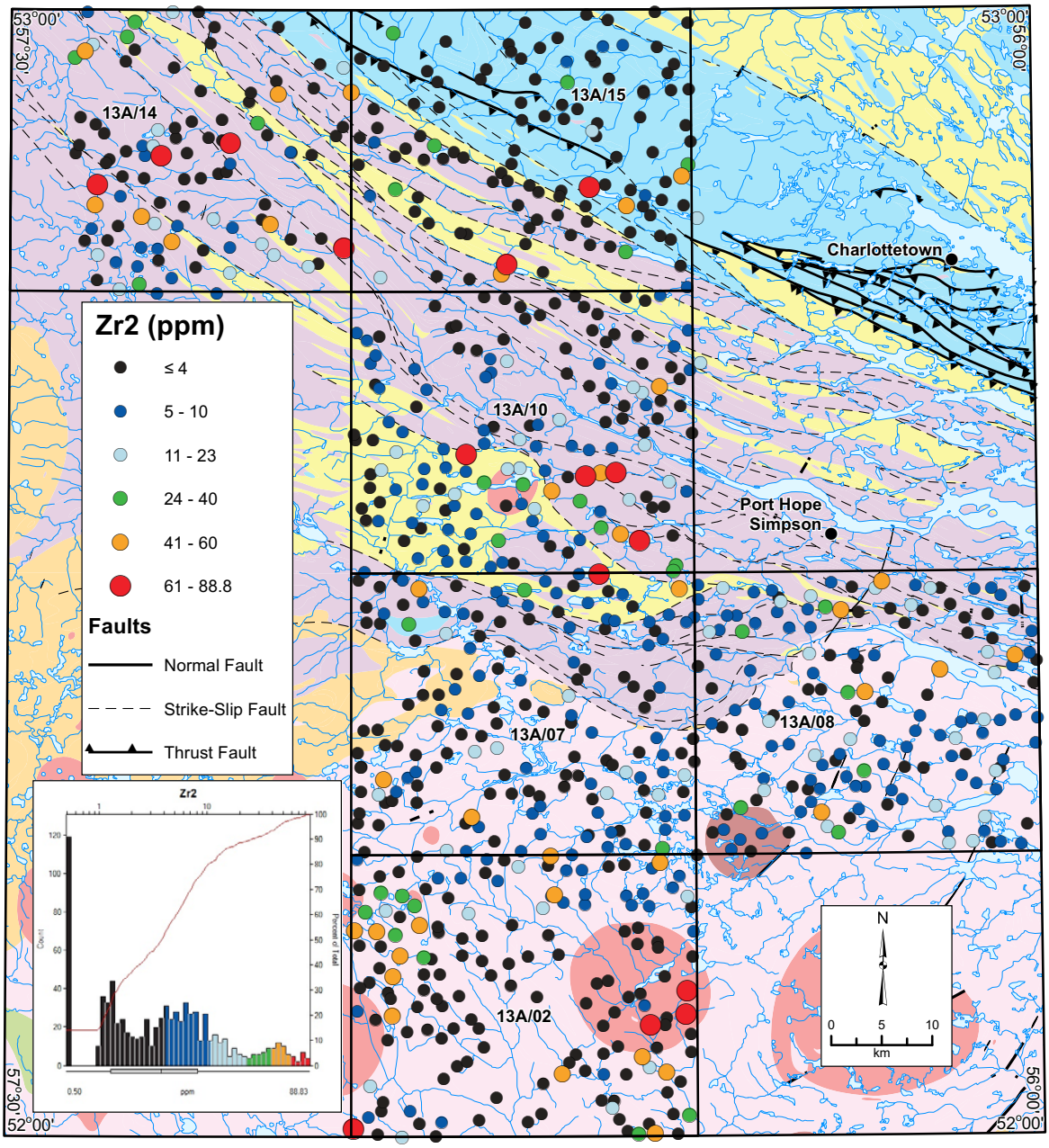
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 78. Zirconium (Zr1) in lake sediment.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

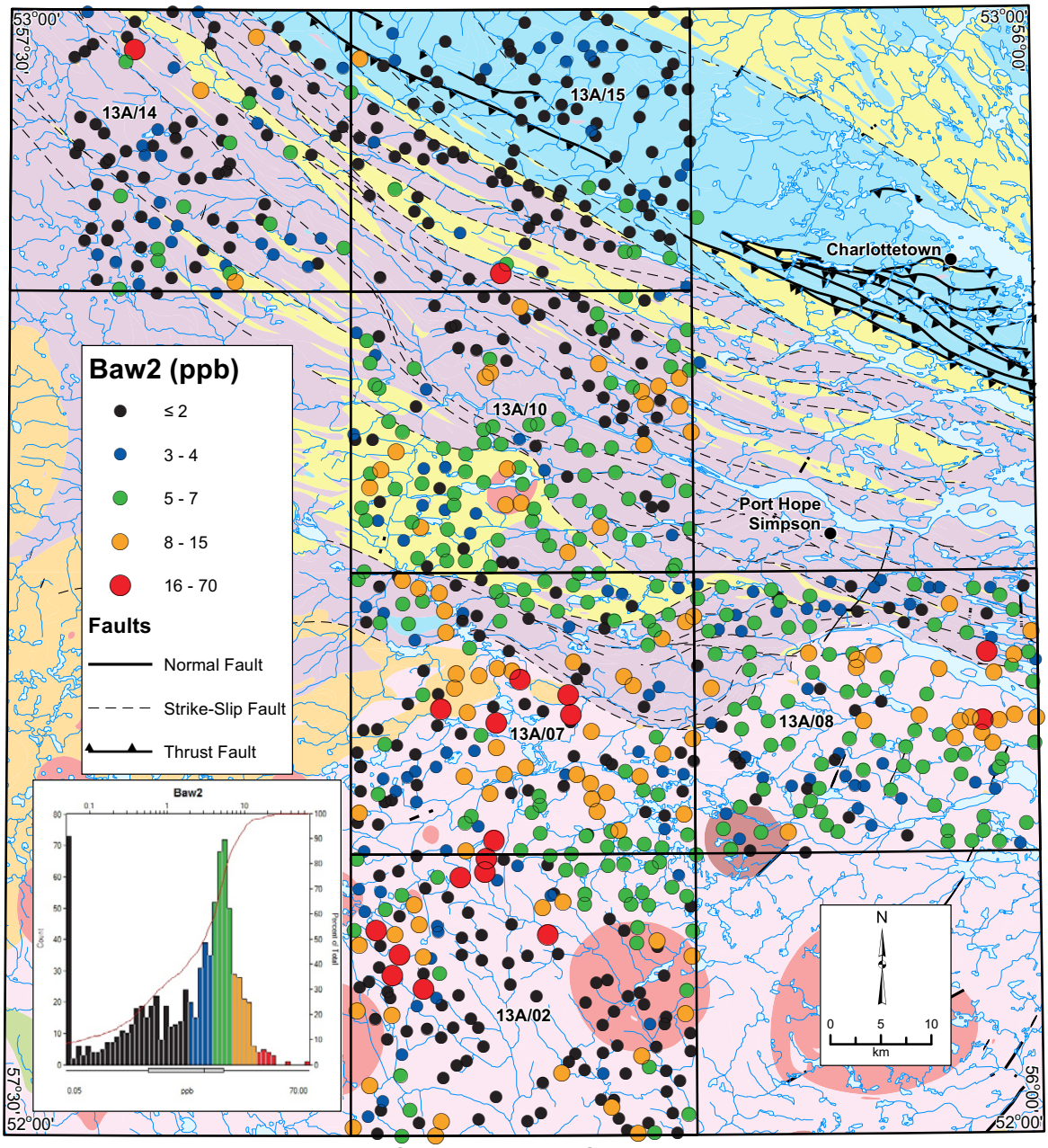
(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 79. Zirconium (Zr2) in lake sediment.

APPENDIX 3

Figures 80-98
Symbol Plots of Element Distributions of Water Data Not Discussed in the Text



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

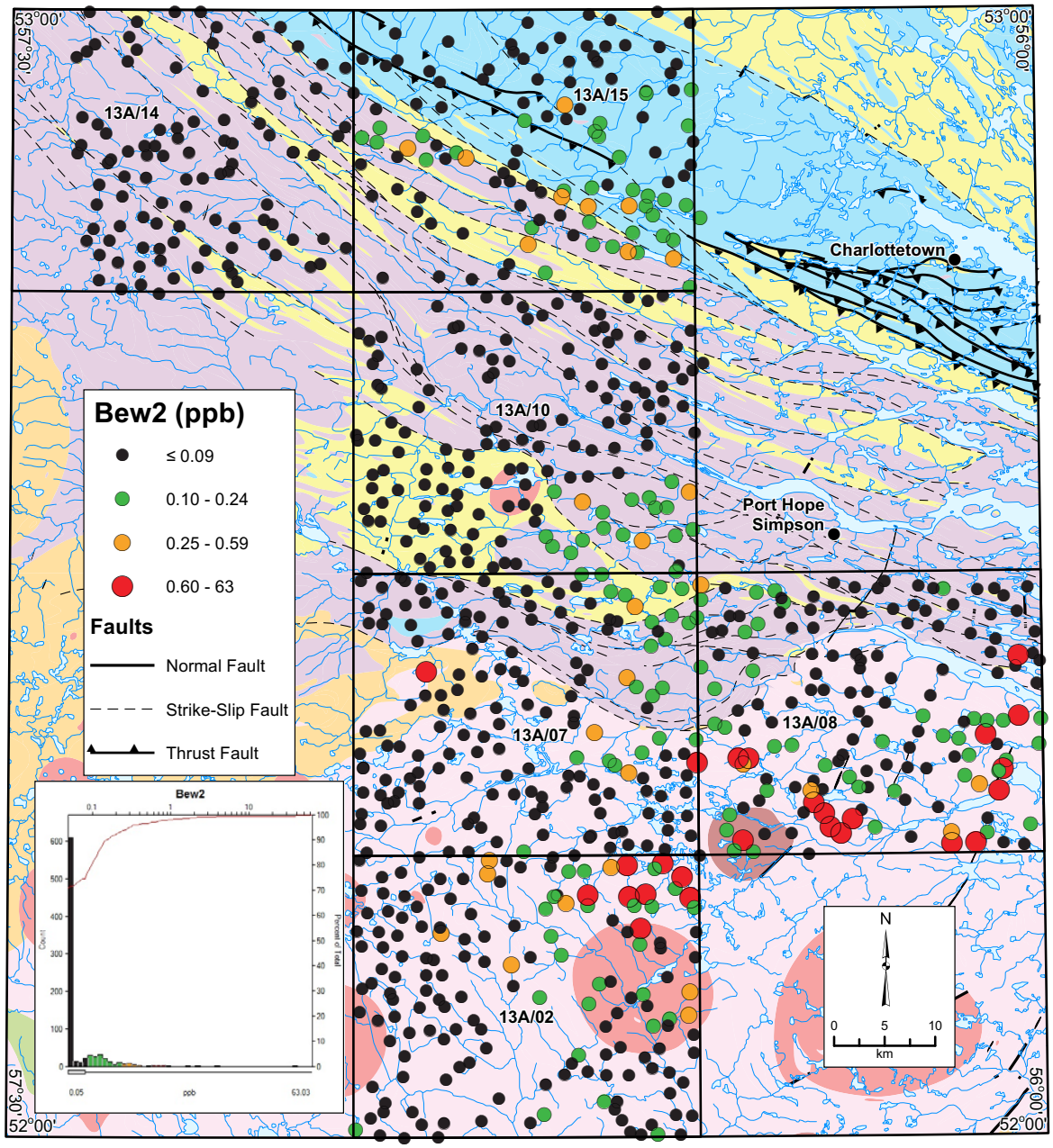
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 80. Barium (Baw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

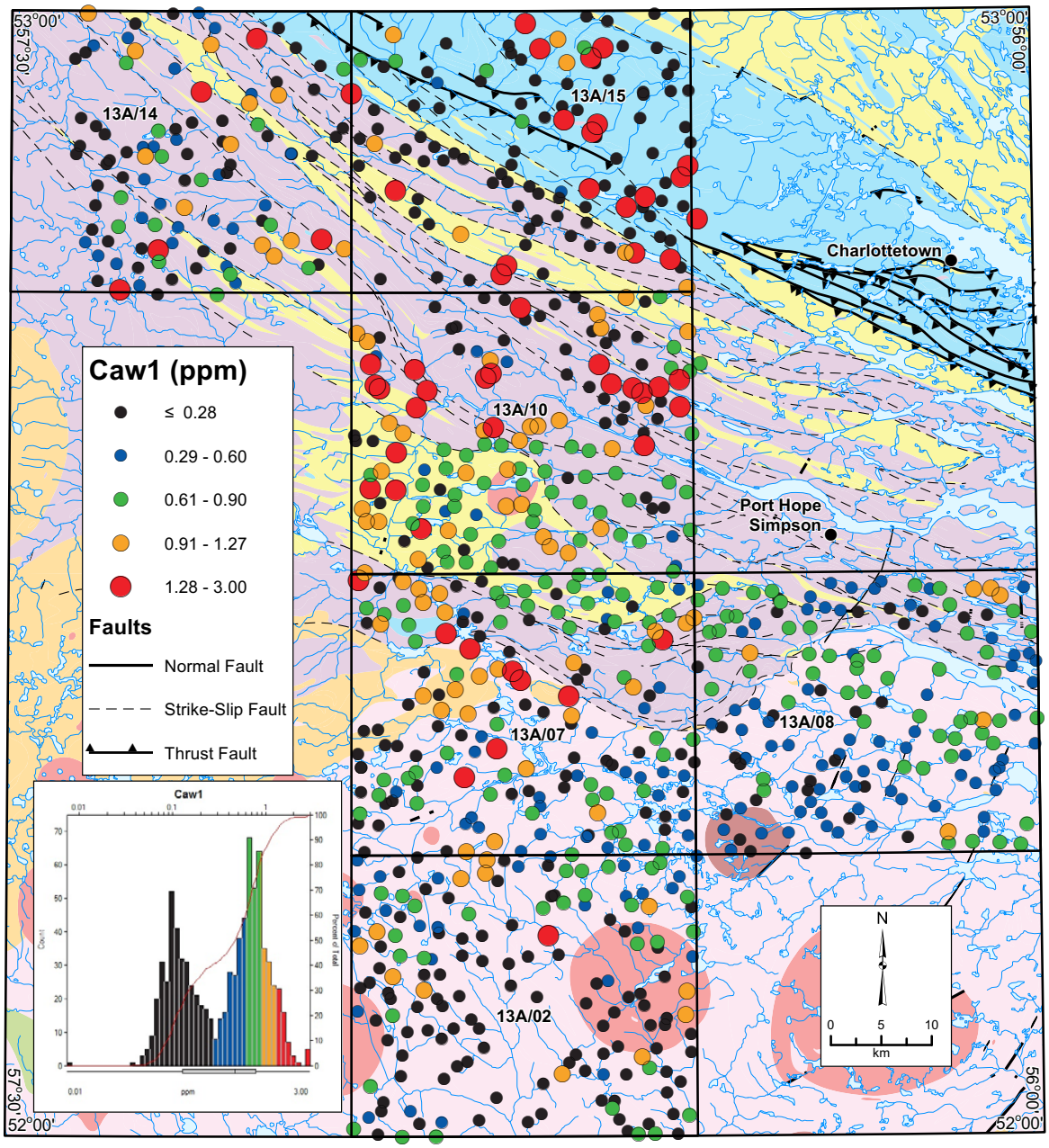
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 81. Beryllium (Bew2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

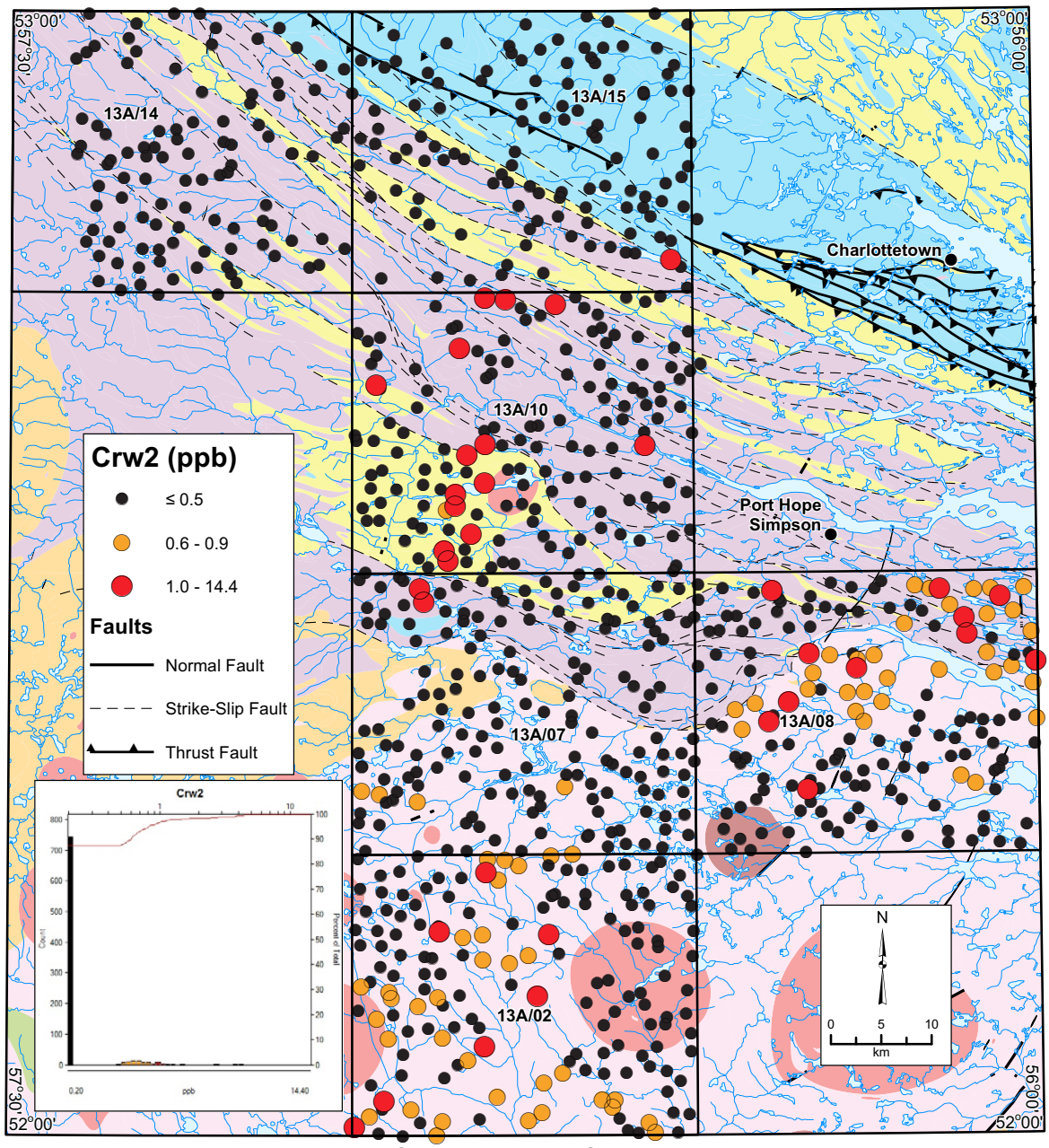
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 82. Calcium (Caw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

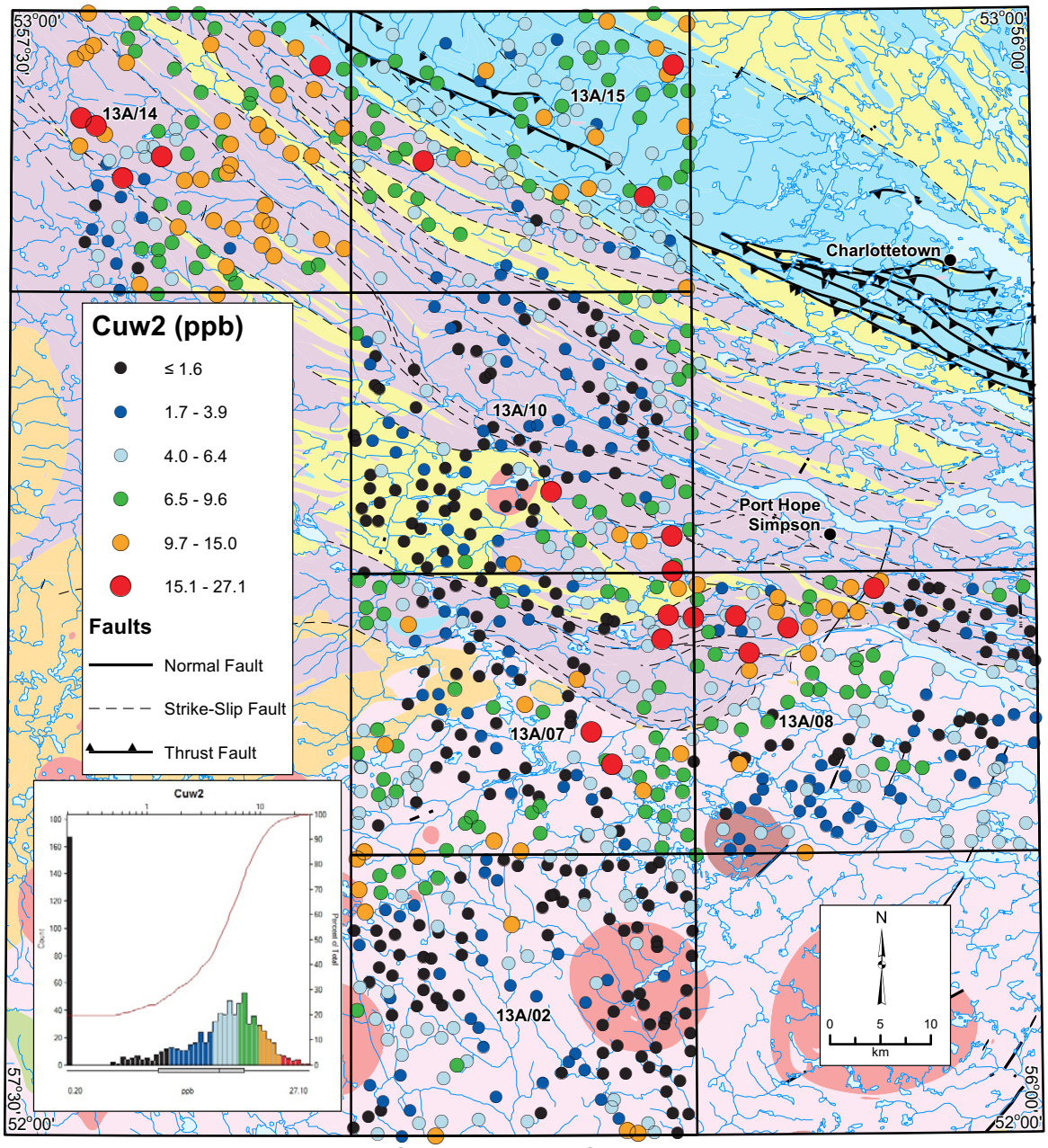
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 83. Chromium (Crw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

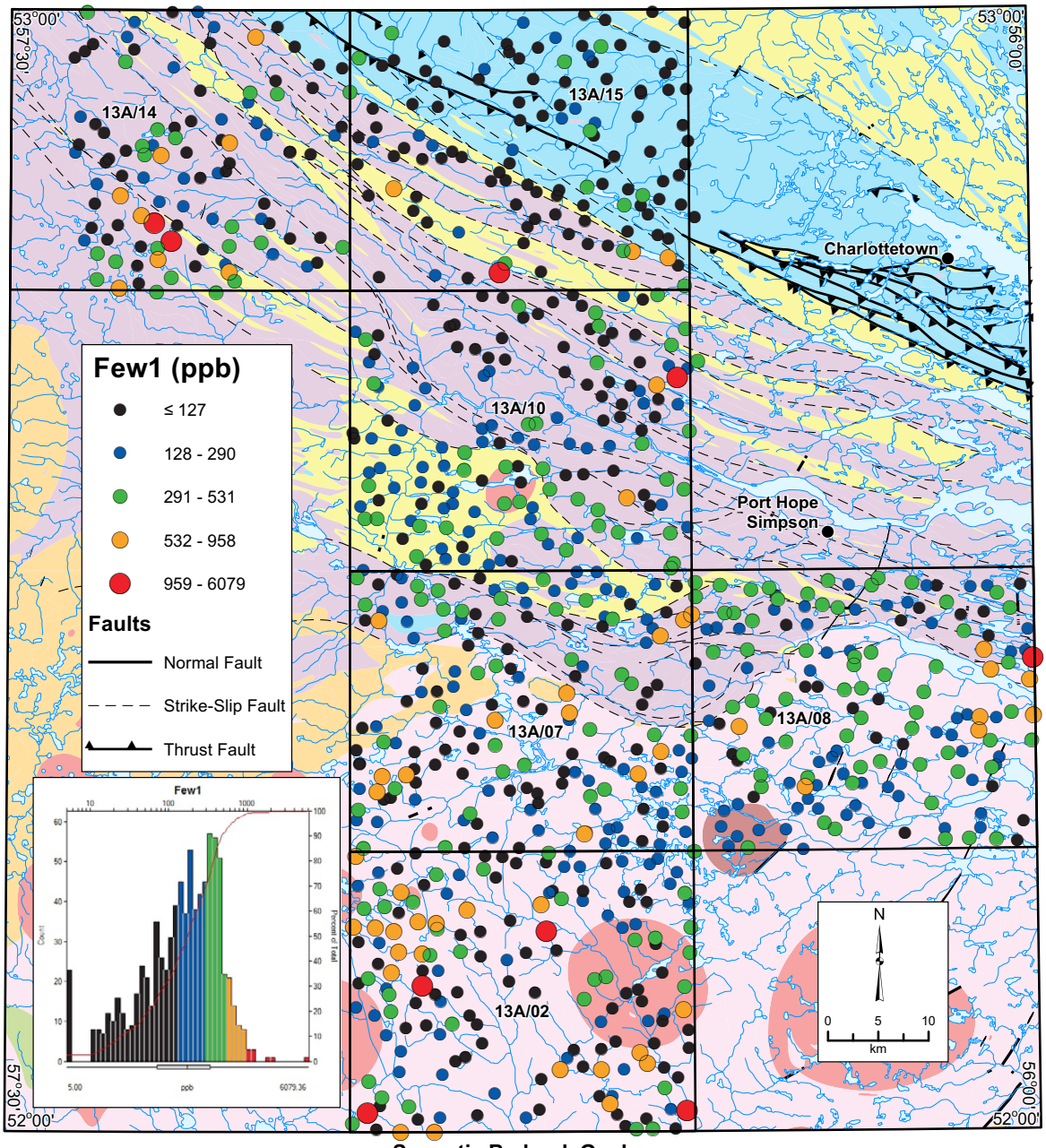
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 84. Copper (Cuw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

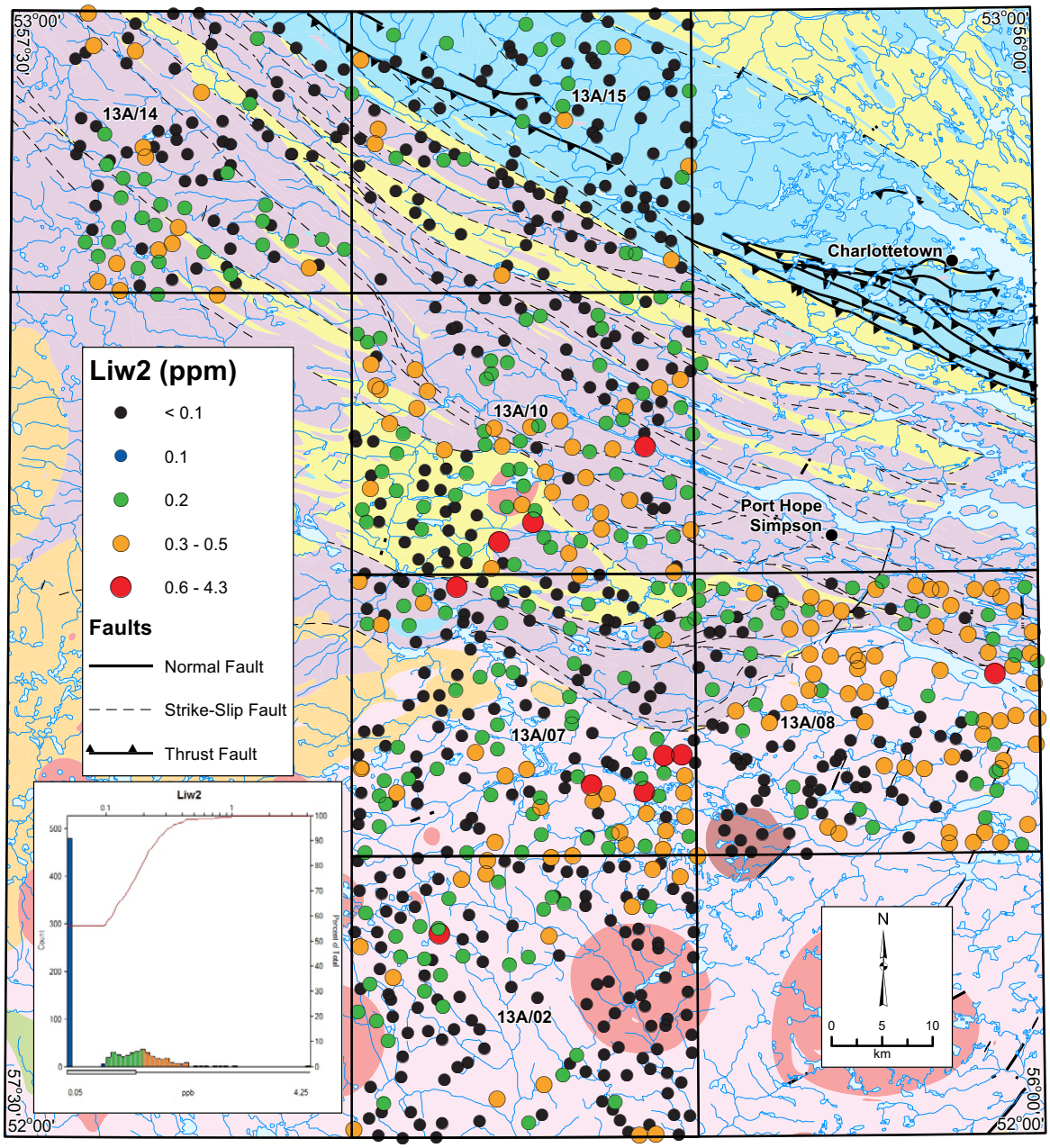
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 85. Iron (Few1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

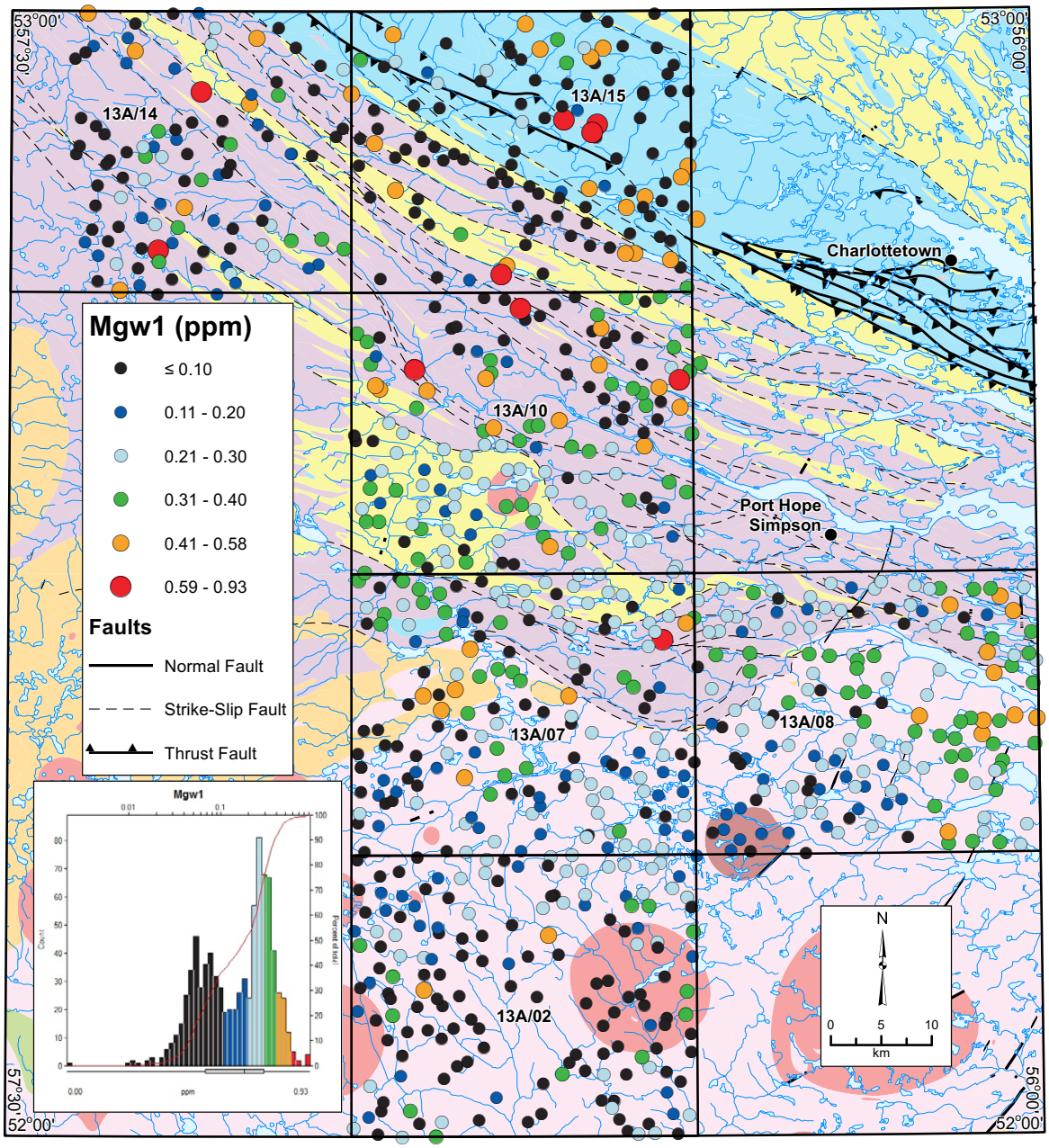
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 86. Lithium (Liw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

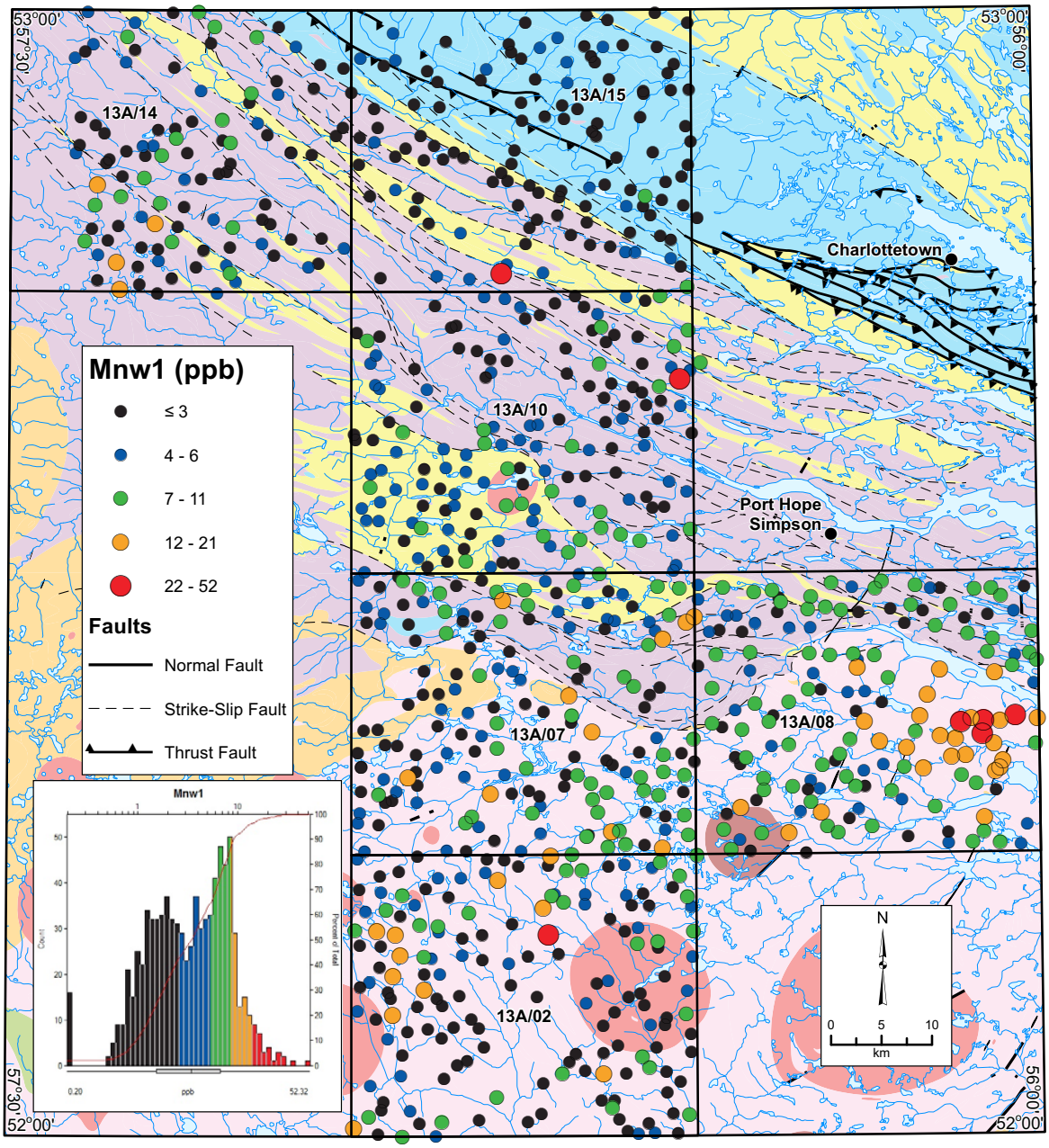
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 87. Magnesium (Mgw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

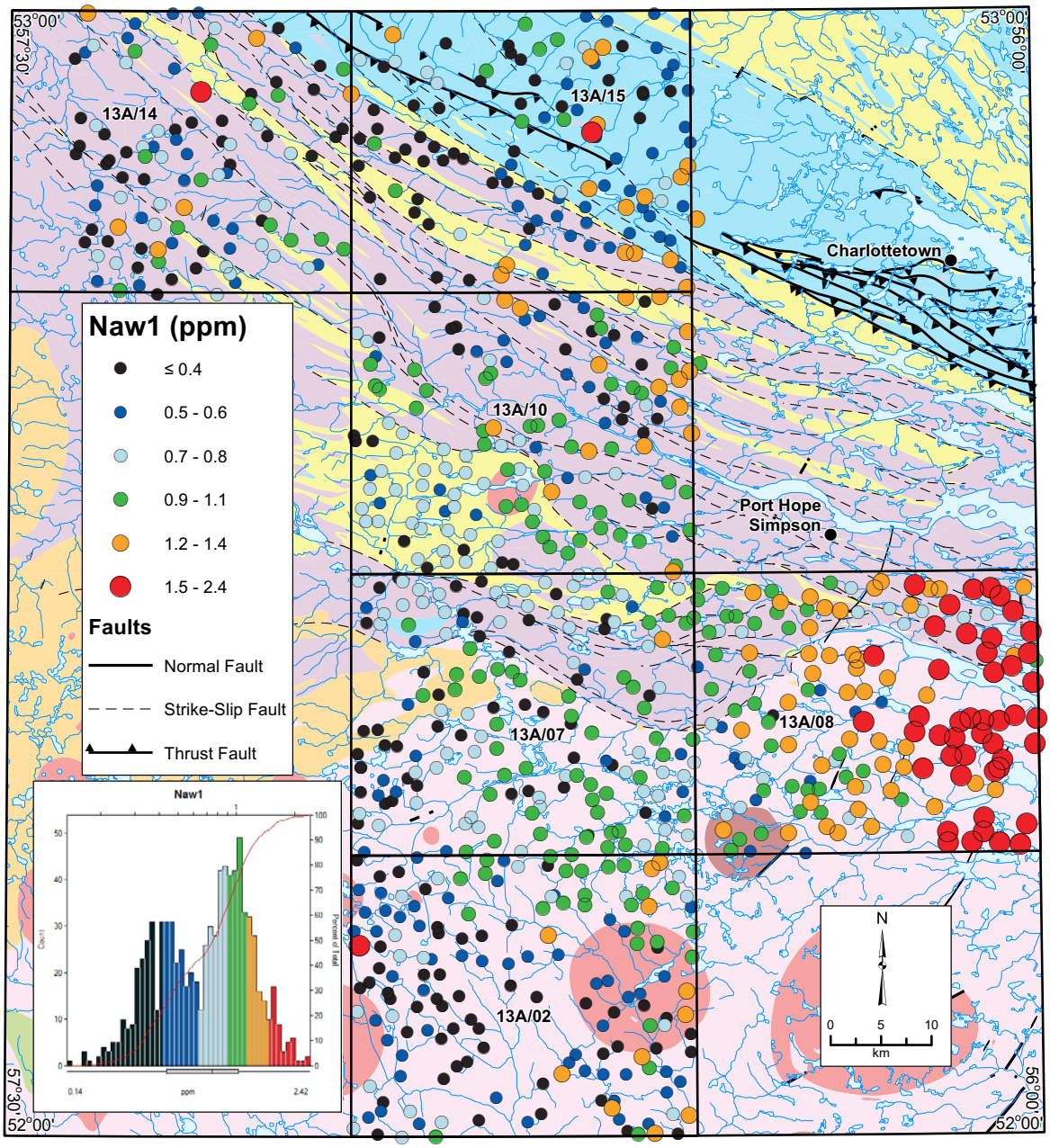
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 88. Manganese (Mnw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

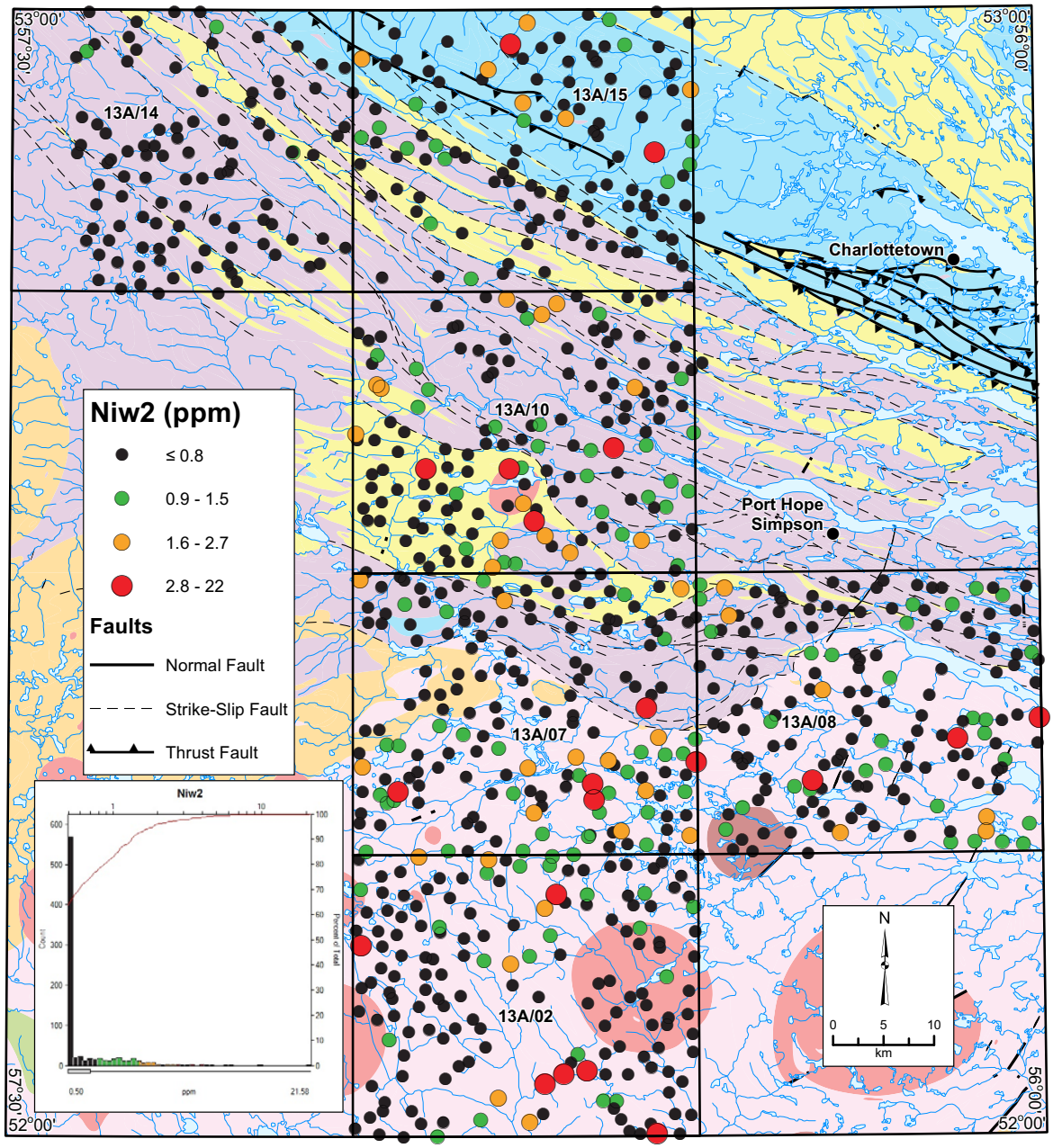
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 89. Sodium (Naw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

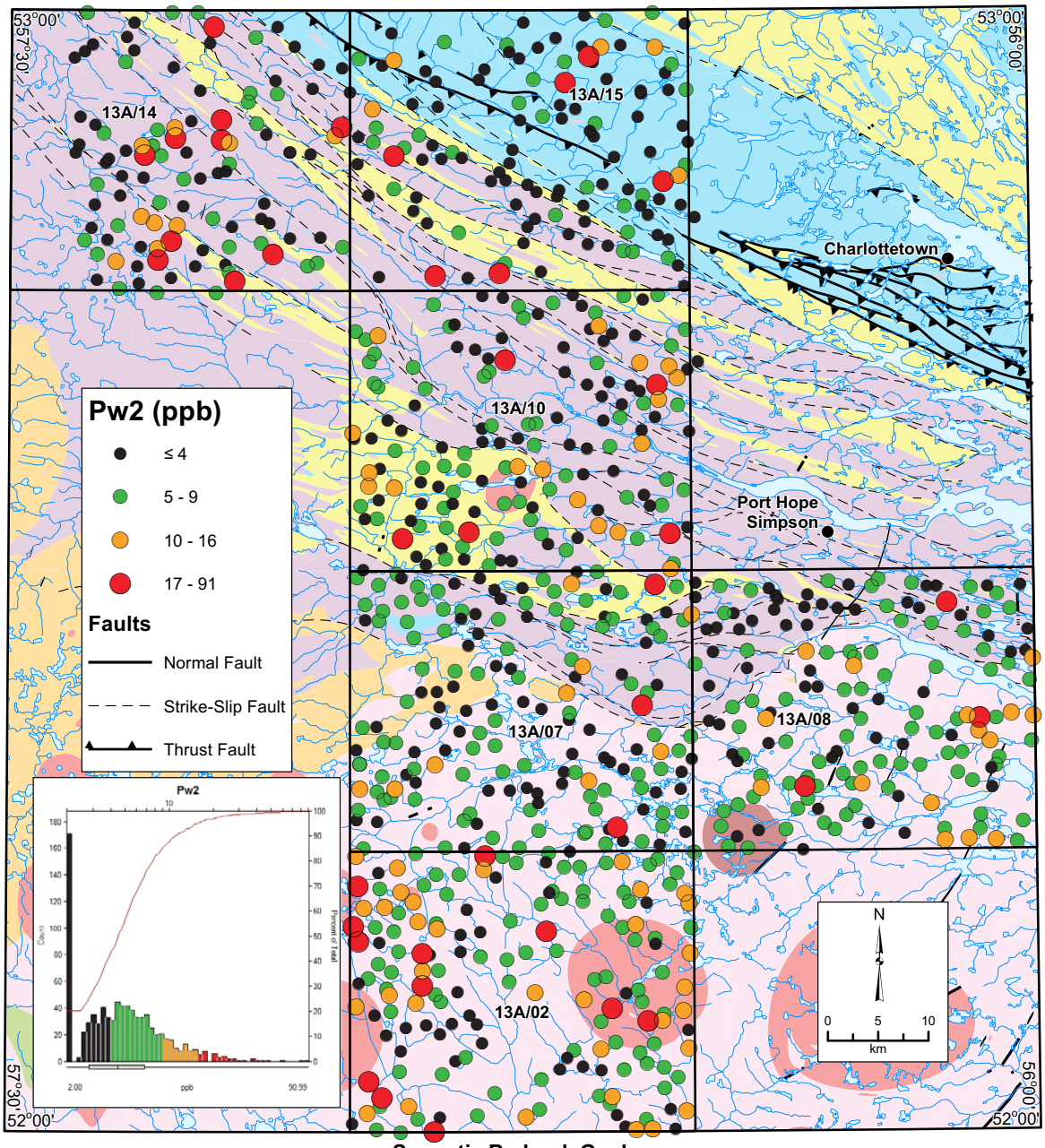
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 90. Nickel (Niw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

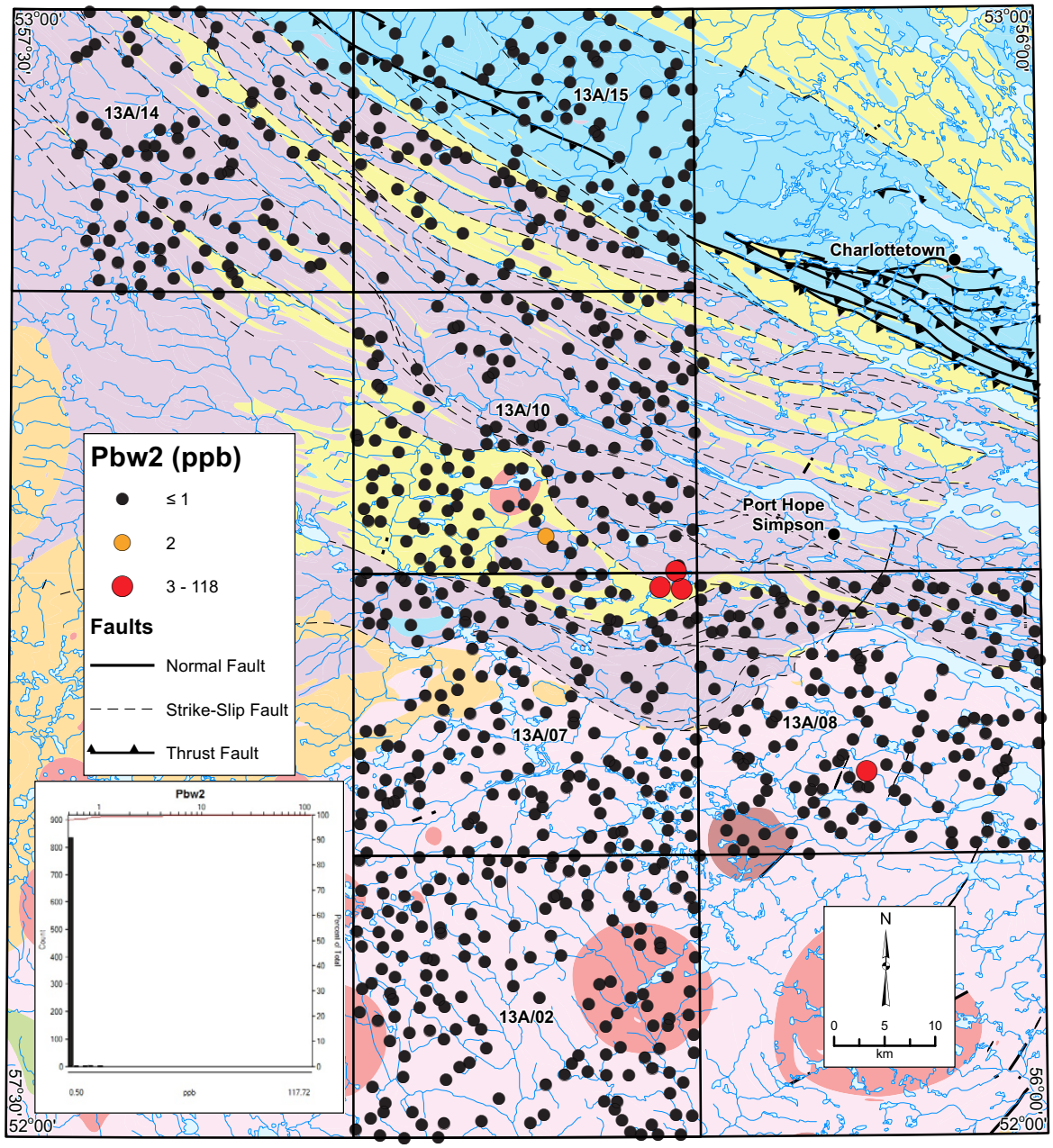
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 91. Phosphorus (Pw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

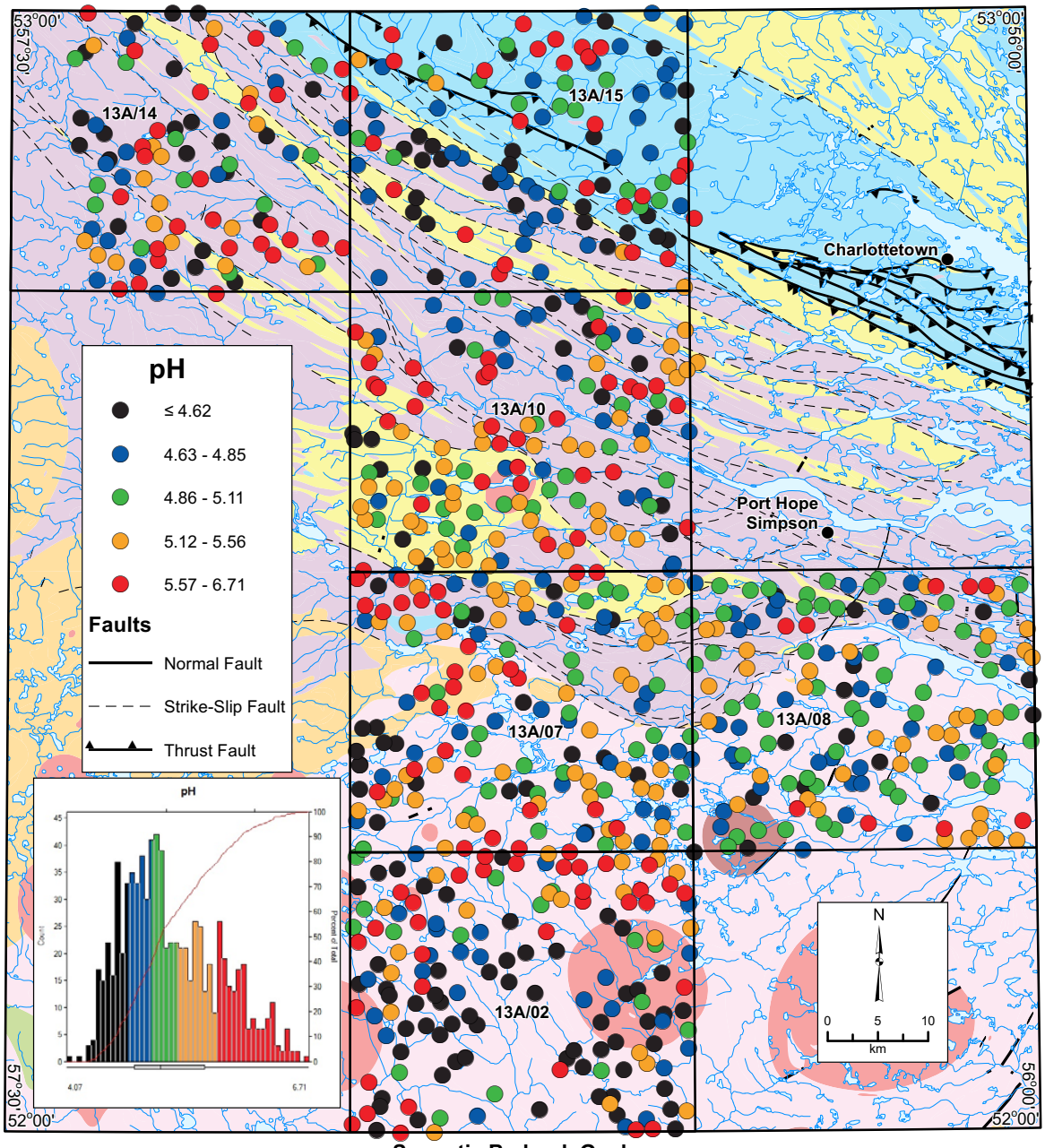
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 92. Lead (Pbw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

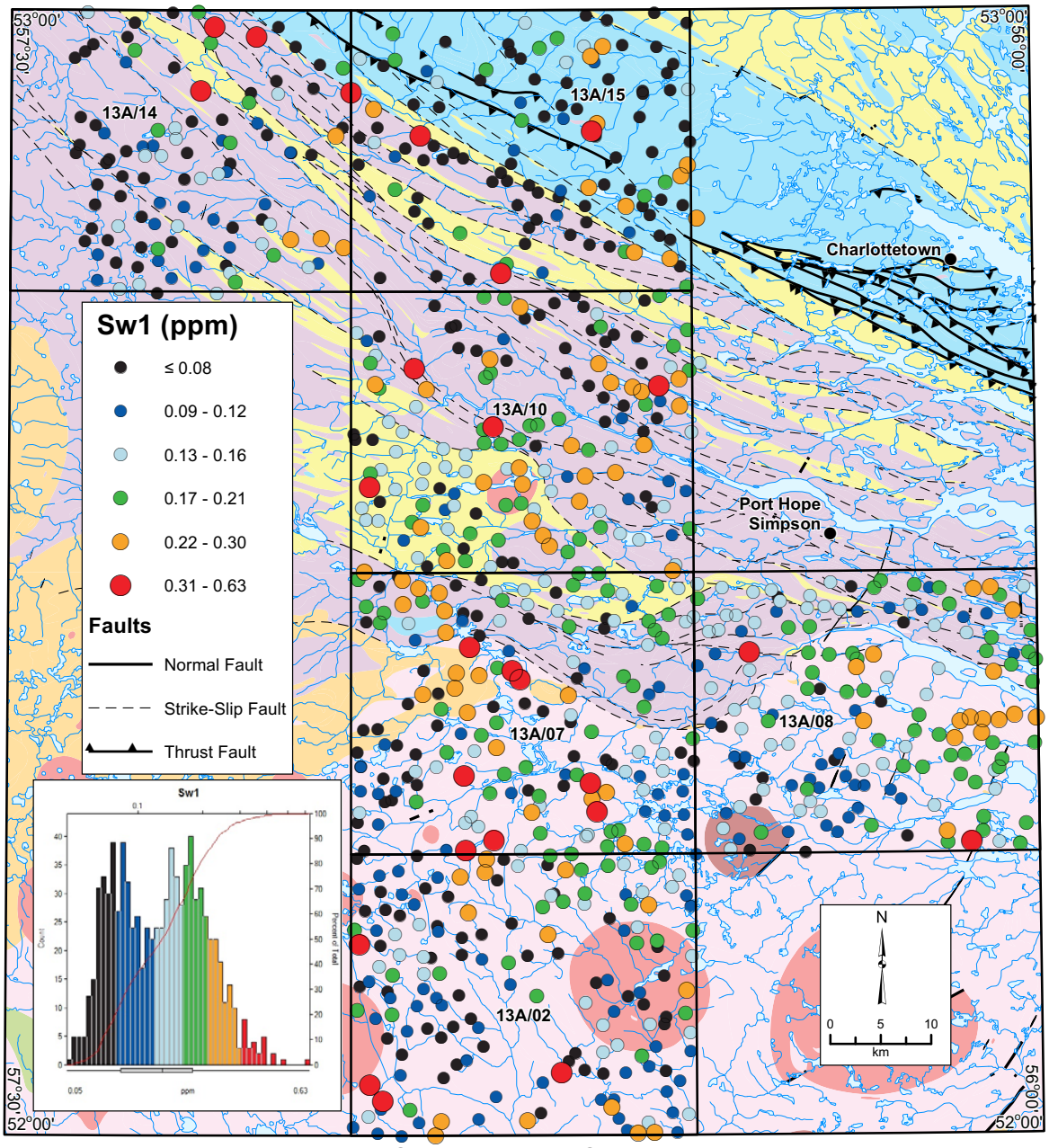
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 93. pH in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

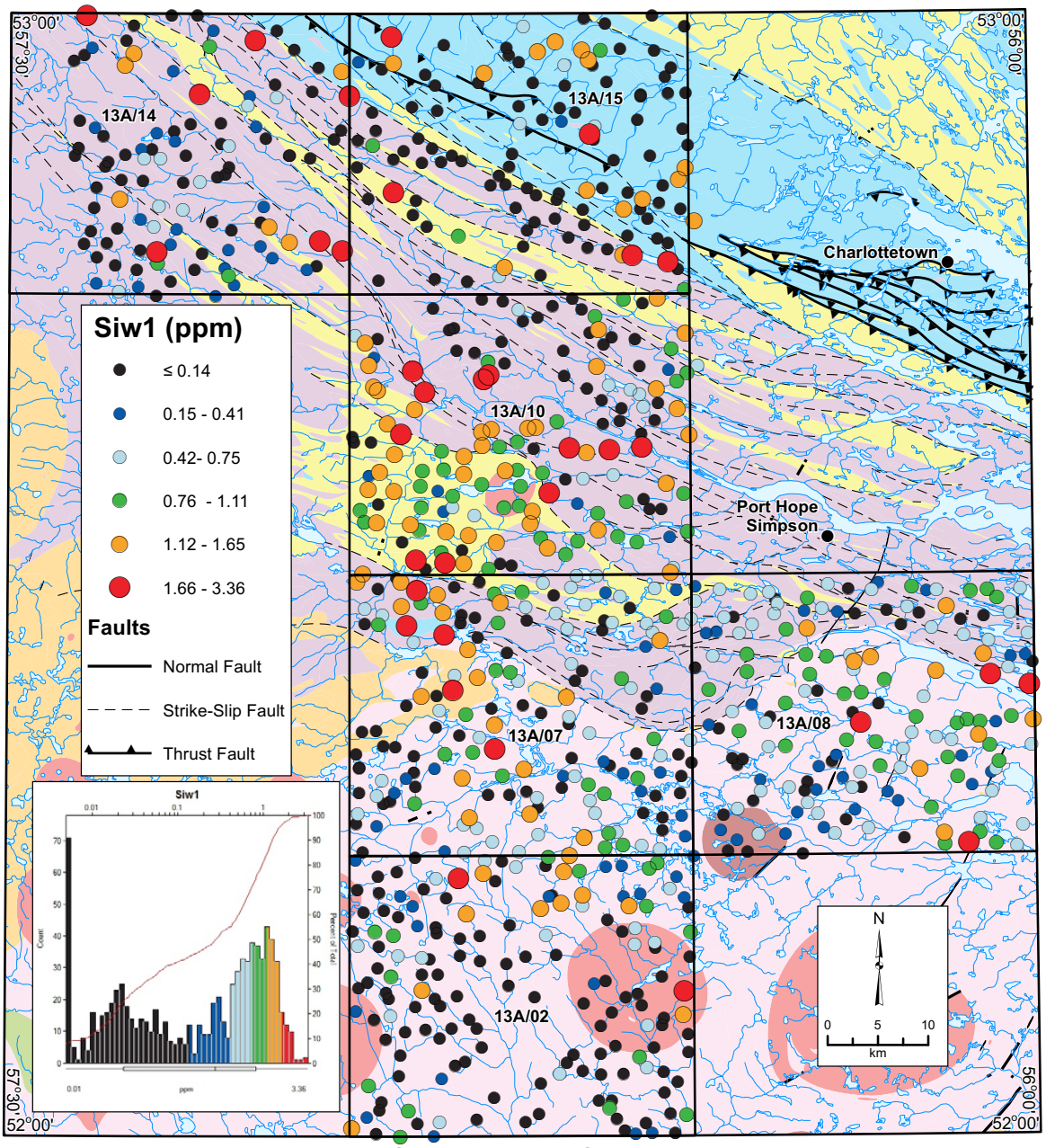
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 94. Sulphur (Sw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

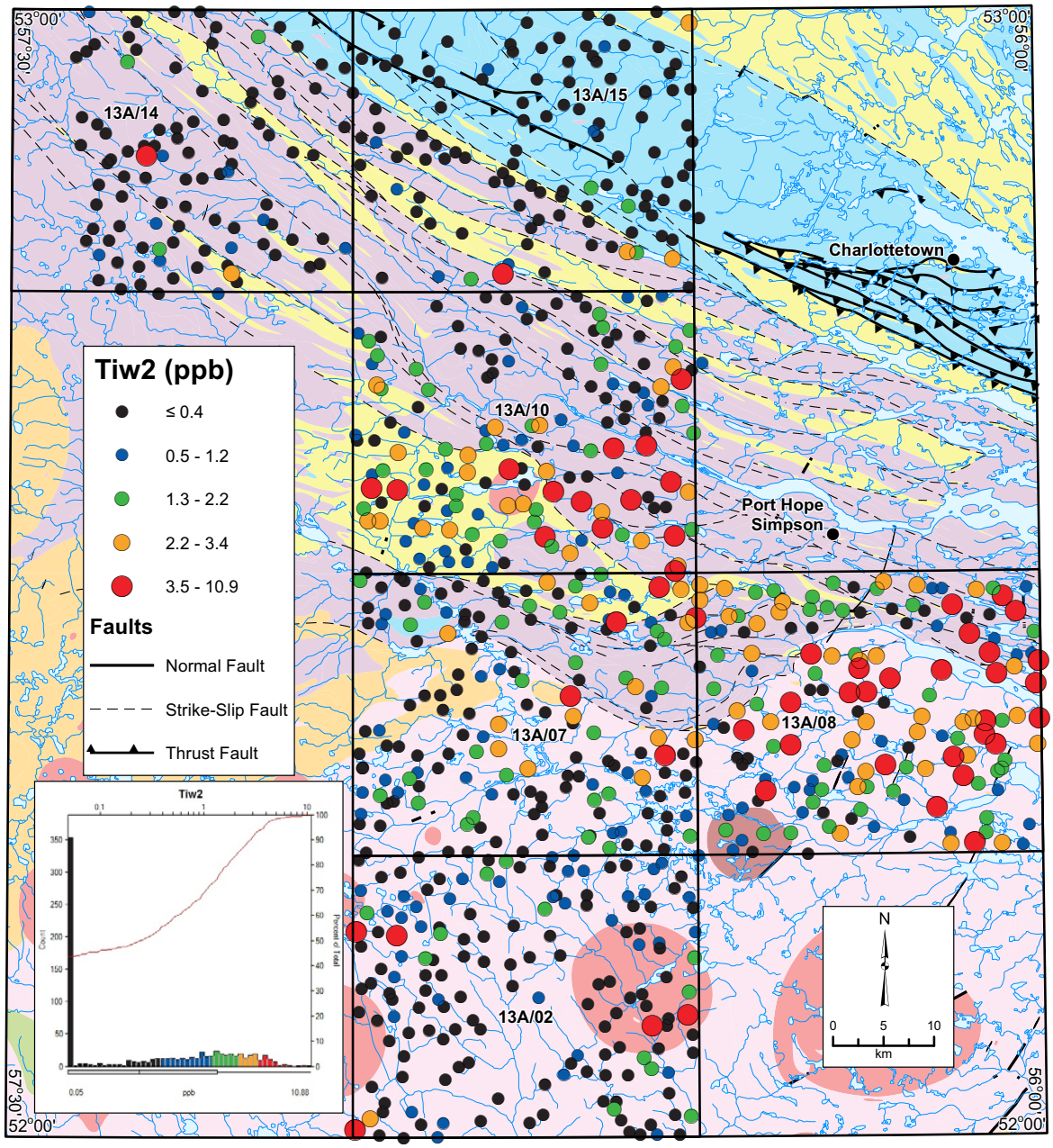
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 95. Silicon (Siw1) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

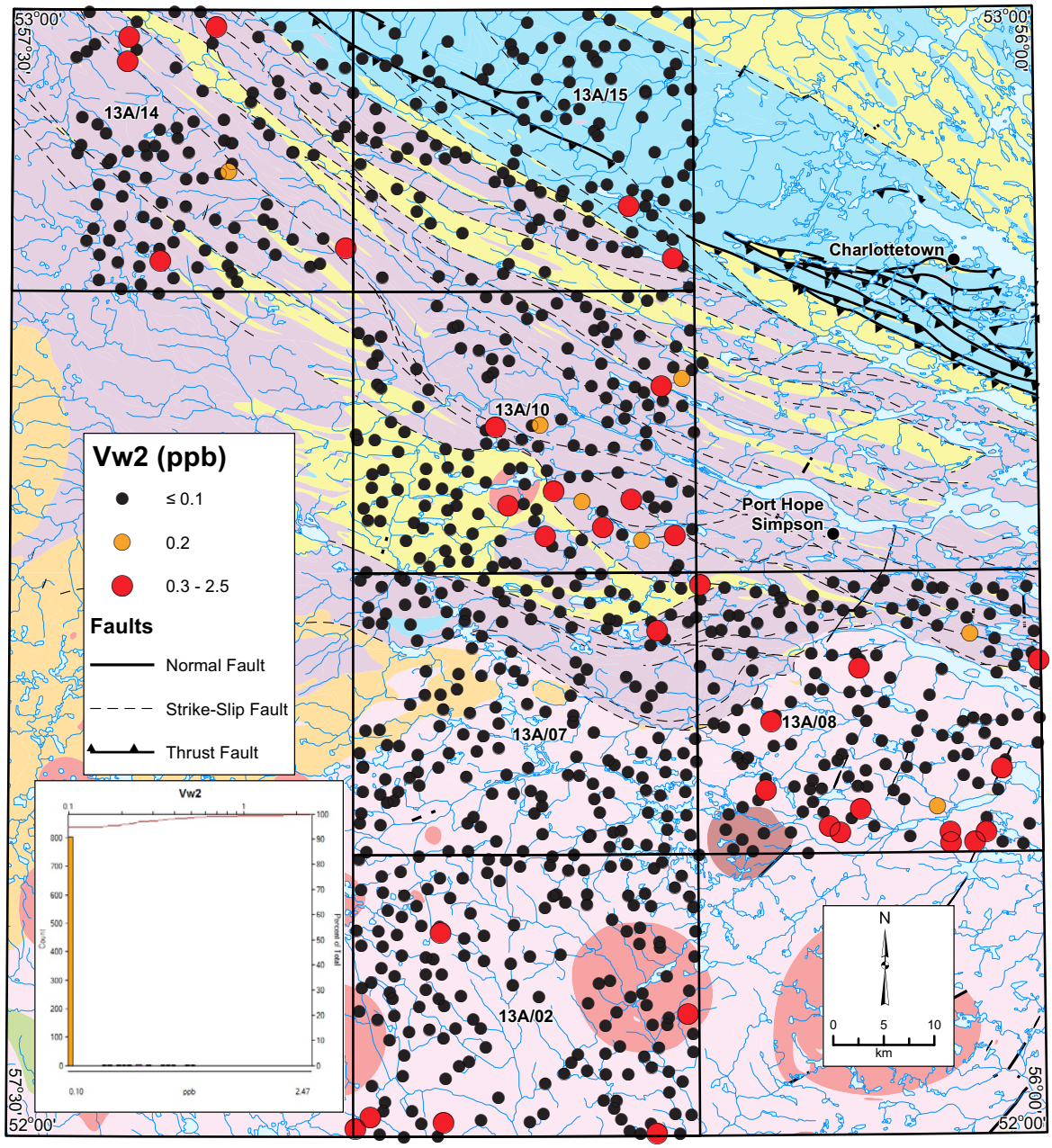
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 96. Titanium (Tiw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C}gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

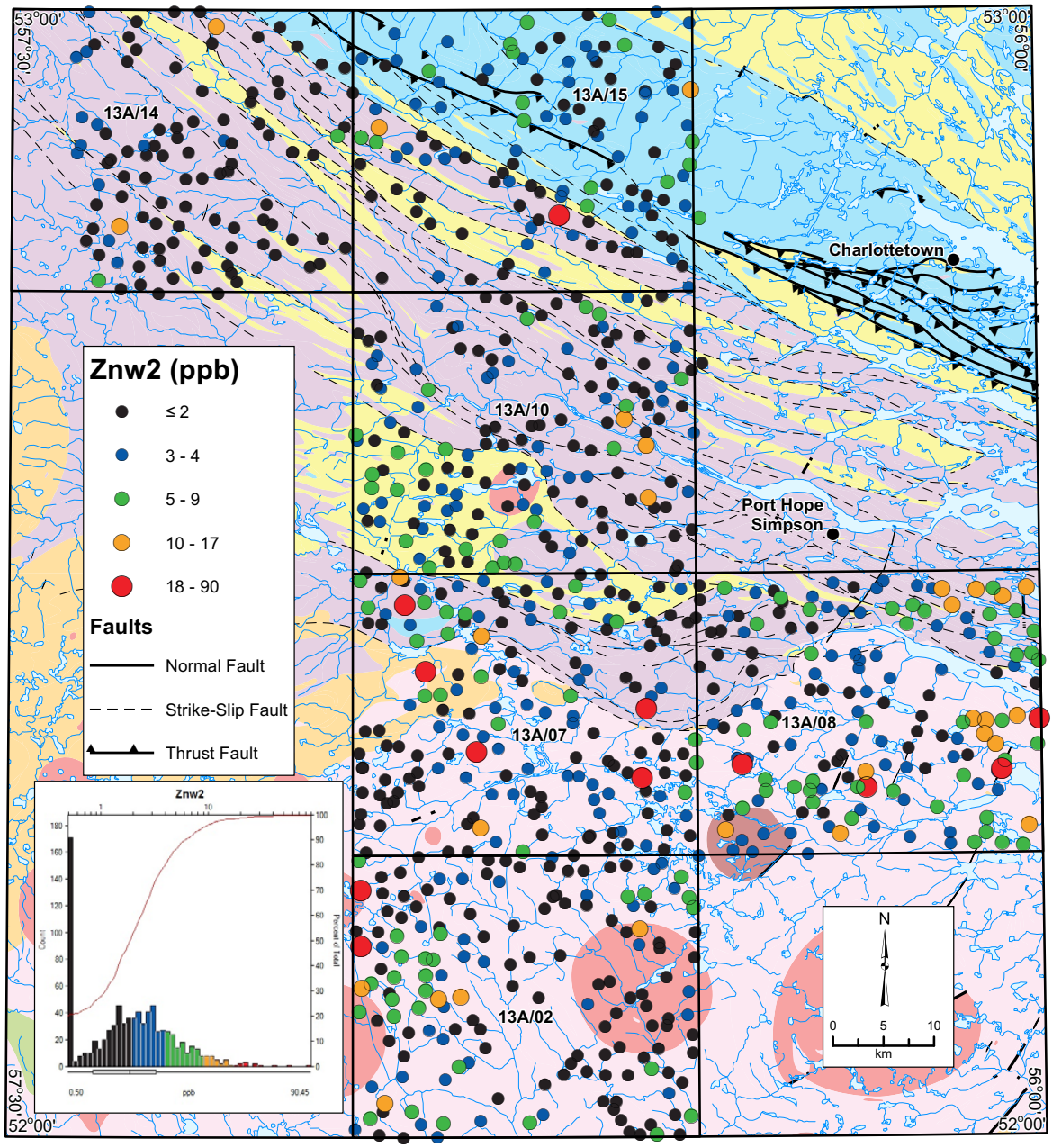
(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 97. Vanadium (Vw2) in lake water.



Synoptic Bedrock Geology

Early Neoproterozoic (ca. 975–955 Ma)

M_{3D} Granite to alkali-feldspar granite, syenite and quartz syenite

(ca. 985–975 Ma)

M_{3C} Syenite, quartz syenite and alkali-feldspar syenite (M_{3C}yq)

Late Mesoproterozoic (ca. 1085–985 Ma)

M_{3B} Granite and alkali-feldspar granite (M_{3B}gr)

Early Mesoproterozoic (1600–1400 Ma)

M_1 Gabbro, norite and troctolite (M_1rg); leucogabbronorite and anorthositic gabbro (M_1ln) and amphibolite (M_1am)

Late Paleoproterozoic to Early Mesoproterozoic (1800–1350 Ma)

PM Recrystallized granite and alkali-feldspar granite (PMgr); syenite, alkali-feldspar syenite and quartz syenite (PMyq) and megacrystic/porphyritic granite to quartz monzonite (PMgp)

Late Paleoproterozoic (1660–1600 Ma)

P_{3C} Mafic granulite (P_{3C}ag), amphibolite (P_{3C}am), anorthosite and leucogabbronorite (P_{3C}an), leucogabbronorite and leucogabbro (P_{3C}ln), gabbro and norite (P_{3C}rg), diorite, quartz diorite and tonalite (P_{3C}dr), alkali-feldspar granite, granite and quartz syenite (P_{3C}ga), granite to granodiorite (P_{3C}gd), megacrystic/ porphyritic granite to granodiorite (P_{3C} gp), quartz monzonite (P_{3C}mq) and monzonite (P_{3C}mz)

(1800–1710 Ma)

P_{3B} Foliated to gneissic diorite to quartz diorite (P_{3B}dr),foliated to gneissic granodiorite (P_{3B}gd), foliated to gneissic megacrystic/ porphyritic granitoid rocks and augen gneiss (P_{3B}gp), foliated to gneissic quartz monzonite (P_{3B}mq), foliated to gneissic granite and alkali-feldspar granite (P_{3B}gr) amphibolite (P_{3B}am), anorthosite and leucogabbronorite (P_{3B}an), leucogabbronorite and leucogabbro (P_{3B}ln) and gabbro and norite(P_{3B}rg)

(ca. 1800–1770 Ma)

P_{3B} Pelitic (P_{3A}sp) and psammitic (P_{3A}ss) schist and gneiss

Figure 98. Zinc (Znw2) in lake water.