Newfoundland Labrador

Natural Resources

Mines

# A HIGH-DENSITY LAKE-SEDIMENT AND WATER SURVEY IN THE FRASER LAKE REGION, WESTERN LABRADOR

## (NTS MAP AREAS 13L/05, 06, 12, 13, 23I/08 AND 09)

**S.D. Amor**

**Open File LAB/1616**

**St. John's, Newfoundland**
**May, 2013**

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*Cover: Base camp for the 2010 sampling program on the Orma Dyke road.*

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## ABSTRACT

*A detailed, helicopter-supported lake-sediment and water survey was conducted over approximately 3300 km$^2$ of the Fraser Lake region of western Labrador, on NTS map areas 13L/05, 13L/06, 13L/12, 13L/13, 23I/08 and 23I/09, northeast of the Smallwood Reservoir.*

*The sampled area is underlain by rocks of the Southeast Churchill Province (SECP). The dominant rock type, an early Mesoproterozoic mafic intrusive complex (the Michikamau Intrusion) that underlies the central portion of study area, has been the focus of exploration for magmatic Ni–Cu–Co mineralization. In addition, late Paleoproterozoic and early Mesoproterozoic gabbro–syenite and granite–charnockite–monzonite complexes in the region show indications of enrichment in rare-earth and rare-metal elements. The remaining rocks comprise Archean and/or Paleoproterozoic granite, tonalite and gneiss, and arkose and quartzite of the mid-Mesoproterozoic Seal Lake Group.*

*A total of 769 sites were sampled. The presence of larger lakes, notably the Smallwood Reservoir, reduced the nominal sampling density of one sample per 4 km$^2$ to one sample per 4.3 km$^2$. Water and sediment samples were collected at 679 sites, and water samples only at 90 sites. Field duplicate samples were collected at one 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 Spectroscopy (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 most conspicuous geochemical features include a large REE anomaly within the mapped bounds of the Michikamau Intrusion (23I/08 and 23I/09); a smaller REE anomaly, associated with Mo and some rare metals, over granitic gneiss, near the contact with an alkaline intrusive at the Québec border on 23I/09; a multielement (including REE) anomaly associated with the Proof Lake Complex on 13L/06; a zone of waters of high pH and conductivity, and low Al, that parallels the northwest shore of Sail Lake and is underlain by Neoarchean metatonalite and tonalite gneiss on 13L/05; and a strong lake water response in Cr and V over the Michikamau Intrusion on 23I/08. The presence of clastic material in sediment samples may give rise to false anomalies in a number of potentially economic elements.*

*The response to known Ni–Cu–Co occurrences in the Michikamau Intrusion, while not entirely absent, is indistinguishable from numerous others elsewhere in the surveyed area.*

## INTRODUCTION

This report presents the results of a helicopter-supported lake-sediment and water sampling program carried out over an area of approximately 3300 km$^2$ in the Fraser Lake area of western Labrador in July and August 2010.

The program is a component of the Geomapping for Energy and Minerals (GEM) program of the Government of Canada (Percival, 2009) that focuses mainly on areas north of the 60$^{th}$ Parallel; the program also includes "activity locations" for northwest Manitoba, northern Saskatchewan, and the Schefferville area of Québec and Newfoundland and Labrador. The last-named area (Figures 1 and 2) is the focus of the current study. It comprises a geophysical component (airborne magnetic and radiometric surveys) and the geochemical component that is the subject of this report, and another report by Amor (unpublished data,

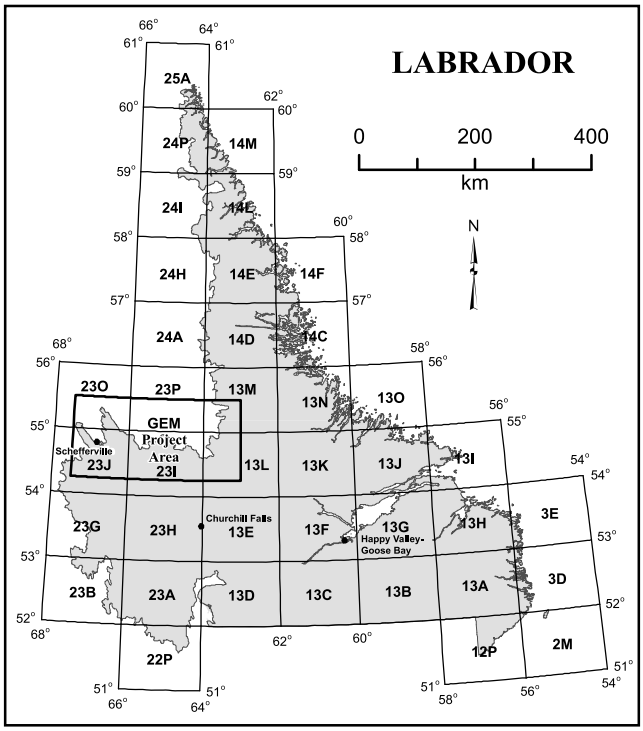



**Figure 1.** *Area of coverage of the GEM program in the Schefferville area of Labrador and Québec.*

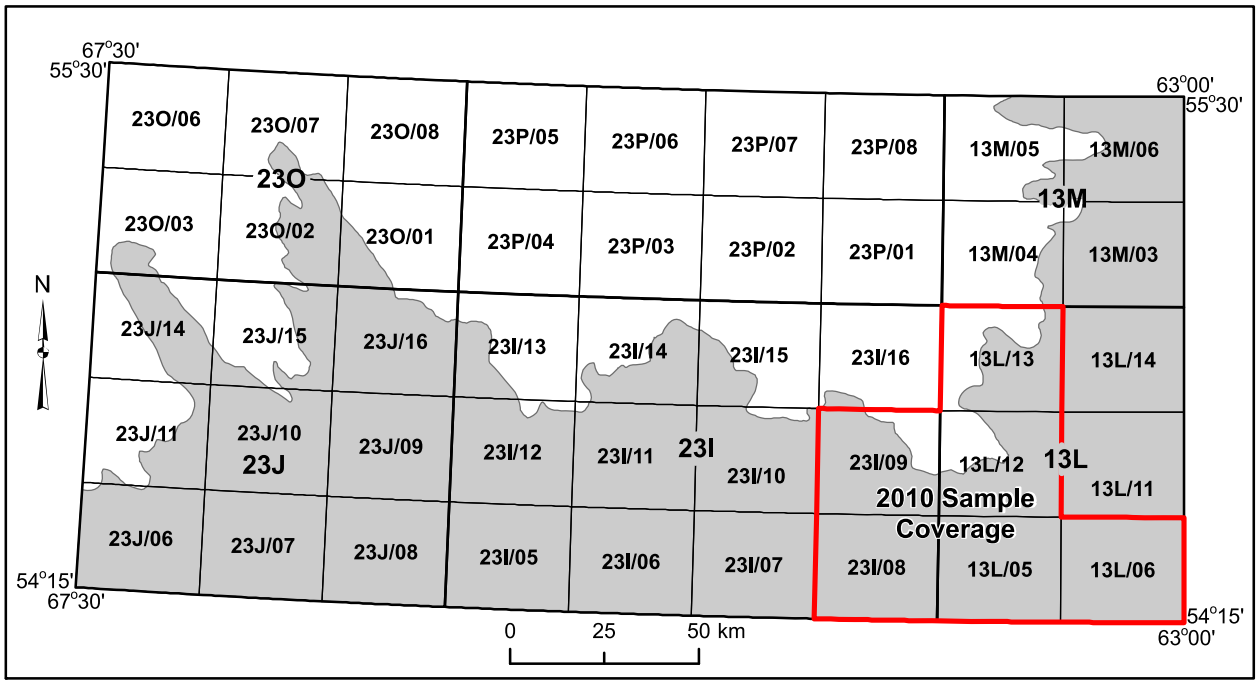



**Figure 2.** *NTS 1:50 000 map sheets comprising the GEM program in the Schefferville area of Labrador and Québec.*

2012). Airborne geophysical maps were released in March 2010 (Dumont *et al.*, 2010; *see* below), although one of the NTS map areas sampled in 2010 (13L/06) is outside the area of geophysical coverage.

The 2010 lake-sampling program was carried out over NTS 1:50 000-scale map areas 13L/05, 13L/06, 13L/12, 13L/13, 23I/08 and 23I/09.

This report comprises brief reviews of the geology and economic 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. Appendix 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.

## LOCATION, ACCESS AND PHYSIOGRAPHY

The survey area is in western Labrador and its centre is located 100 km north of Churchill Falls, 200 km southeast of Schefferville and 250 km northwest of Goose Bay. The Smallwood Reservoir extends onto the survey area in the southwest and southeast, where access by boat or floatplane is possible. An arm of the reservoir that extends into the sampled area on NTS map areas 13L/05 and 13L/06 is still referred to (and will be referred to in this report) as "Sail Lake", a name that predates the reservoir's creation. A road created to facilitate maintenance of the Smallwood Reservoir extends as far as the northeast end of Sail Lake and links the southeast of the survey area (NTS map area 13L/06) with the Trans-Labrador Highway.

The survey area is characterized by rugged relief, with abundant bedrock outcrop, over the Michikamau Intrusion in the west (NTS map areas 23I/08 and 23I/09), moderate relief in the north, and flat, swampy ground in the southeast. Elevations vary from 471 m asl, at the Smallwood Reservoir, to 648 m asl near the border with Québec on NTS map area 13L/12. The only major watercourse is the Kanairiktok River, which flows in a southeasterly direction across NTS map area 13L/13 and the northeastern corner of 13L/12.

## PREVIOUS GEOCHEMICAL SURVEYS

### REGIONAL STUDIES

The survey area was previously sampled as part of the Federal National Geochemical Reconnaissance (NGR) program (Boyle *et al.*, 1981). 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 Spectrophotometry (AAS); 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 recov-

ered 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 (Hornbrook and Friske, 1989). Most recently, the samples have been analyzed for a 30-element ICP-ES package after multi-acid (HF-HCl-$HClO_4$) digestion (McConnell and Finch, 2012).

Several NGR samples collected over the southern part of a late Paleoproterozoic igneous complex (provisionally named the "Proof Lake Complex" in this report) in NTS map area 13L/06 in the southeast of the survey area (Nunn, 1993a, b; *see* below) display anomalous or elevated values (*i.e.*, exceeding the 97.5 or 90-percentile, respectively, for Labrador as a whole) of F and U in water, and Mo and U in sediment. One of these samples, collected at 54º18'13"N, 63º9'13"W (54.3036ºN, 63.1536ºW), displayed anomalous or elevated values of Ag, Au, Br, Cd, Ce, Eu, Fe, Hg, La, Lu, Sm, Tb, U, Yb and Zn. Sediment from the same lake displayed strongly anomalous characteristics in several elements in the current survey.

A cluster of 17 samples anomalous or elevated in Zn (by the criteria described above) is present in NGR samples collected over the Michikamau Intrusion on NTS sheet 13L/12. No other elements are anomalous or elevated within this area. The anomaly terminates the western boundary of NTS map area 13L/12, and at the provincial border. Samples collected under Québec Government auspices in the adjacent area did not display anomalous or elevated values (C. Maurice, personal communication, 2010). However, recent re-analysis of all of the NGR samples from Labrador (McConnell and Finch, 2012) confirms the presence of the anomaly. There are also a few elevated Cd values over the southeast of the Michikamau Intrusion.

Fluoride in water, as sampled in the NGR program, shows strong response in the north of NTS map area 13L/13, associated with an alkaline intrusion termed the "13L Intrusion" by McConnell (1988). Most of the intrusion occurs on the Québec side of the border, although anomalous fluoride values in lake waters persist for almost 40 km in a due-easterly direction, probably as part of a glacial dispersion train. The intrusion is also associated with anomalous responses of Lu, Sm, Tb and Yb, with weaker responses of Th and U (the last element in both sediment and water). However, none of these elements displays the long dispersion train shown by fluoride.

## DETAILED STUDIES

Focused detailed lake-sediment and water surveys were carried out over restricted areas of NTS map areas 13L/13 and 23I/09 (McConnell, 1988, 1989) to follow up some of the results from the NGR program. Sediments were analyzed by Atomic-Absorption Spectrophotometry (AAS) for Ag, Be, Cd, Co, Cu, Fe, Li, Mn, Mo, Ni, Pb and Zn; by Inductively-Coupled Plasma Emission Spectroscopy (ICP-ES) for Ce, Ba, La, Mn, Nb, Sr, Th, Y and Zr; by gravimetry for Loss-on-Ignition (LOI) and by Ion-Specific Electrode for F. The latter method was also used to analyze lake waters for fluoride ion. Coverage of the 2010 survey avoided overlapping this earlier work.

## GEOLOGY AND MINERALIZATION

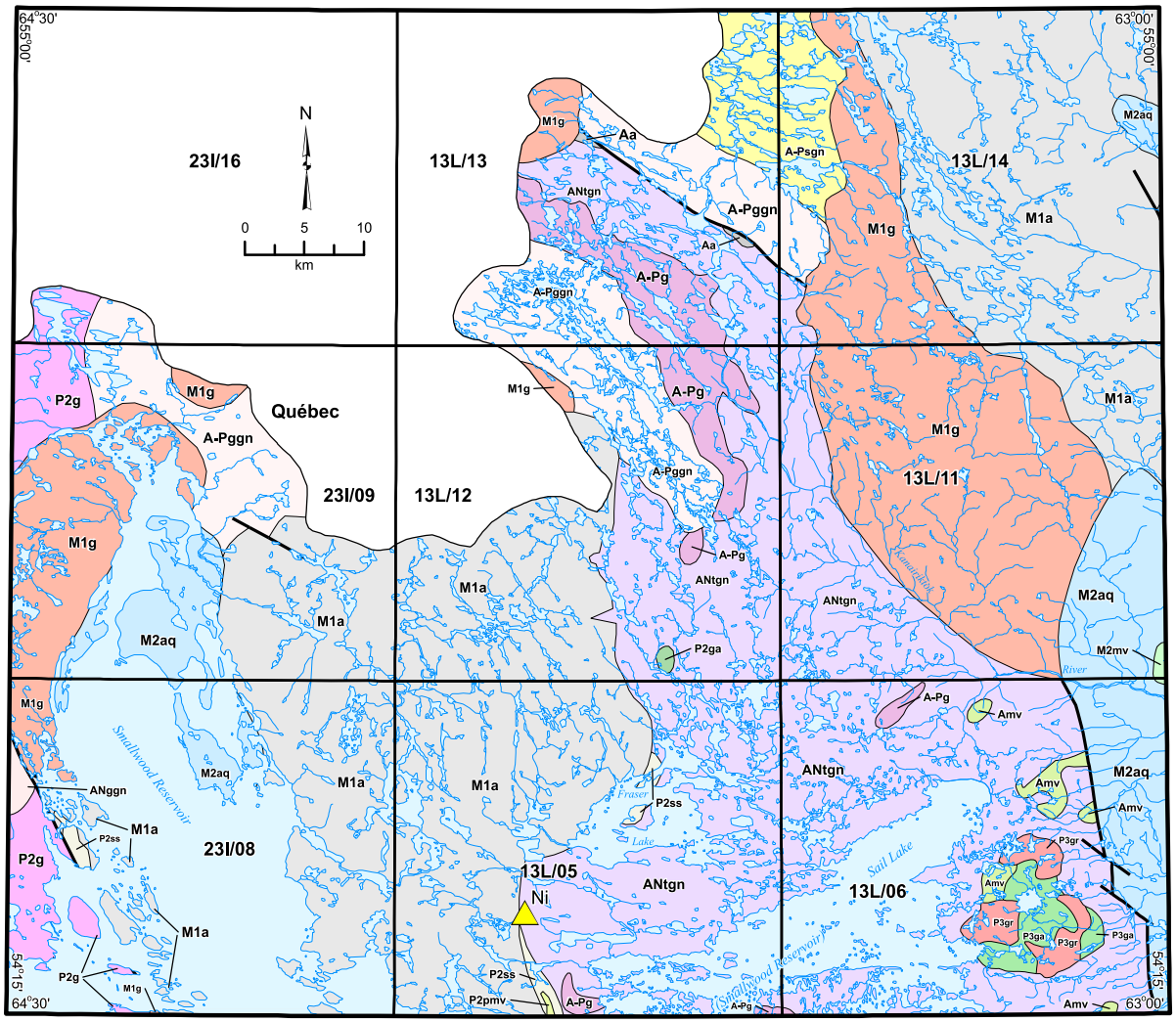
The area is covered by portions of three bedrock geological maps. NTS map areas 13L/05 and 13L/06, and 13L/12 and 13L/13 were mapped by Nunn (1993a, b) and Nunn (1994, 1995), respec-

tively, whereas map areas 23I/08 and 23I/09 form part of the area mapped by James (1994). The information contained in these maps was subsequently compiled into a geological map of Labrador (Wardle *et al.*, 1997) from which the information in Figure 3 was extracted.

Bedrock units underlying the region form components of the Southeast Churchill Province of the Canadian Shield, and include Archean and/or Paleoproterozoic granite and gneiss in the north and southwest (A-Pg, A-Pggn and A-Psgn; NTS map areas 13L/12, 13L/13 and 23I/09). Neoarchean metatonalite and tonalite gneiss of the Eastern Basement Metamorphic Complex (ANtgn) crop out in the east of the study area (NTS map areas 13L/05, 13L/06, 13L/12 and 13L/13). Mid-Paleoproterozoic granite and granodiorite units (P2g; NTS map areas 23I/08 and 23I/09) occur to the west of the extensive Early Mesoproterozoic Michikamau Intrusion (M1a; NTS map areas 13L/06, 13L/12, 23I/08 and 23I/09), which is composed of leuconorite, leucogabbro, leucotroctolite and anorthosite, and also underlies the Smallwood Reservoir in the southwestern corner of the sampling area.

The Late Paleoproterozoic Proof Lake Complex of gabbronorite, amphibolite and mafic granulite (P3ga) and granite, quartz monzonite, granodiorite and syenite (P3gr) occurs in the southeast corner of the map area on NTS map area 13L/06. The Early Mesoproterozoic Michikamats Intrusion of monzonite, charnockite and granite (M1g) crops out along the western boundary of NTS map area 23I/09, and to the east of the survey area. Two smaller, circular, intrusions interpreted to be of the same rock type, straddle the Labrador-Québec border on NTS map areas 23I/09 (which will be referred to as the "Signal Hill" intrusion in this report) and 13L/13 (the 13L Intrusion described above). However, detailed aeromagnetic data (Dumont *et al.*, 2010) indicate that they have quite different characteristics. The former Signal Hill Intrusion displays a circular "dartboard" magnetic pattern similar to that over the Michikamats Intrusion itself (as well as similar intrusions at Misery Lake in Québec, and the Strange Lake/Lac Brisson complex, also on the Labrador-Québec border, to the north (Dumont and Jones, 2012). The magnetic signature of the 13L Intrusion is of uniformly low magnetic susceptibility, in sharp contrast to the gneissic rocks that it intrudes.

The Early Mesoproterozoic Michikamau mafic intrusion (M1a; Figure 3), particularly its eastern contact with Neoarchean metatonalite and tonalite gneiss units (ANtgn), is a prospecting target for magmatic Ni–Cu–Co mineralization. Prospecting has resulted in the discovery of the Fraser Lake Prospect (54º19'40"N, 63º49'53"W; 54.3276ºN, 63.8313ºW; Stapleton *et al.*, 2011), which consists of pyrrhotite, chalcopyrite and pentlandite hosted in melatroctolite and olivine norite (Dyke *et al.*, 2004). Two additional Ni–Cu showings that occur within the Michikamau Intrusion are the Juno Grid and Sword Far North occurrences; both are farther from the intrusion's eastern contact with Unit ANtgn than the Fraser Lake Prospect. At the Juno Grid showing (54º17'40"N, 63º58'5"W; 54.2945ºN, 63.9679ºW), one diamond-drill hole intersected an interval of 10.5 m averaging 0.36% Ni and 0.31% Cu, whereas a second intersected 3.1 m at 0.46% Ni and 0.40% Cu and 1.5 m at 0.52% Ni and 0.16% Cu (Brilliant Mining Corporation press release, September 24, 2006). At Sword Far North (54º17'40"N, 63º57'23"W; 54.2945ºN, 63.9564ºW), grab samples collected from an outcropping rusty zone in a creek bed assayed up to 1.28% Ni and 1.62% Cu (Brilliant Mining Corporation press release, August 30, 2007).




**Mid Mesoproterozoic**

- M2aq — Arkose, quartzite (Seal Lake Group)
- M2mv — Basalt

**Early Mesoproterozoic**

- M1a — Leuconorite, leucogabbro, leucotroctolite, anorthosite (Michikamau Intrusion)
- M1g — Monzonite, charnockite, granite (Signal Hill Intrusion, 13L Intrusion, Michikamats Intrusion)

**Late Paleoproterozoic** (Proof Lake Complex)

- P3ga — Gabbronorite, amphibolite, mafic granulite
- P3gr — Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**

- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2pmv — Pillow basalt, mafic pyroclastic rocks
- P2ss — Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**

- A-Pggn — Granitic gneiss
- A-Psgn — Pelitic gneiss

**Undivided Archean**

- Aa — Anorthosite, leucogabbro
- Amv — Metabasalt, metasediment, metagabbro

**Neoarchean**

- ANggn — Granitic gneiss
- ANtgn — Metatonalite, tonalite gneiss

**Eo-Paleoarchean**

- A-Pg — Granite

Mineral Occurrence

Contact

Fault

**Figure 3.** *Geological map of sampled area.*

The youngest rocks in the sampled region are the mid-Mesoproterozoic Seal Lake Group arkose and quartzite units (M2aq) exposed in the east of map area 13L/06, and the north-central and south-central portions of map areas 23I/08 and 23L/09.

Minor units include Archean anorthosite and leucogabbro (Aa), gabbro, metabasalt and metasediment (Amv), Neoarchean granitic gneiss (ANggn), mid-Paleoproterozoic gabbro and leucogabbro (P2ga), pillow basalt and mafic pyroclastic rocks (P2pmv) and pelitic schist and pelitic phyllite (P2ss).

There are three further documented mineral occurrences within the Michikamau Intrusion (Stapleton *et al.*, 2011). The Fraser Lake North Ti indication (at 54º29'46”N, 63º41'58”W; 54.4961ºN, 63.6994ºW) occurs as veinlets and disseminations of massive ilmenite approximately 22 km northeast of the Fraser Lake Prospect (Emslie, 1964). Two indications of Fe mineralization occur near the intrusion’s western, faulted contact. At Michikamau Lake Northwest No 1 (54º23'55”N, 64º22'48”W; 54.3985ºN, 64.3801ºW) and Michikamau Lake Northwest No 2 (54º17'14”N, 64º17'12”W; 54.2872ºN, 64.2868ºW), small magnetite-rich bands and zones, present in leucogabbro or gabbro, may contain titanium (Emslie, 1964).

## SURFICIAL GEOLOGY

The study area is close to a paleo-ice centre and as a result, within an area of complicated ice-flow pattern, compared with much of the rest of Labrador. It is also the area of the last vestiges of the Laurentide Ice Sheet in the Province, at approximately 7500 years BP.

Klassen and Thompson (1990) describe two events in the region:

Event 1: Northeastward flow, originating southwest of the Churchill River

Event 2: Northeastward flow from the main axis of the Labrador Trough in the Schefferville region

The above inferences are consistent with the observations of Emslie (1963; quoted in McConnell, 1989), although the orientation of the fluoride dispersion train from the 13L Intrusion (*see* above) suggests the influence of an eastward ice-movement direction.

Despite the later effects of glaciation on the morphology of the present-day landscape, there is a strong geological control on topography. Rugged terrain is associated with the Michikamau Intrusion (M1a) and the early Mesoproterozoic granitic intrusions of monzonite, charnockite and granite (M1g) in the west. Topography over metatonalite and tonalite gneiss (Unit ANtgn), in the south of 13L/05 and 13L/06, tends to be relatively flat, low-lying and swampy.

Surficial deposits are dominated by undifferentiated till consisting of silty to sandy diamicton, with some glaciofluvial deposits (Figure 4). There is thin till cover in the northeast of NTS map area 23I/08 and the southeast of 23I/09, and ablation drift is present to the northwest and south-

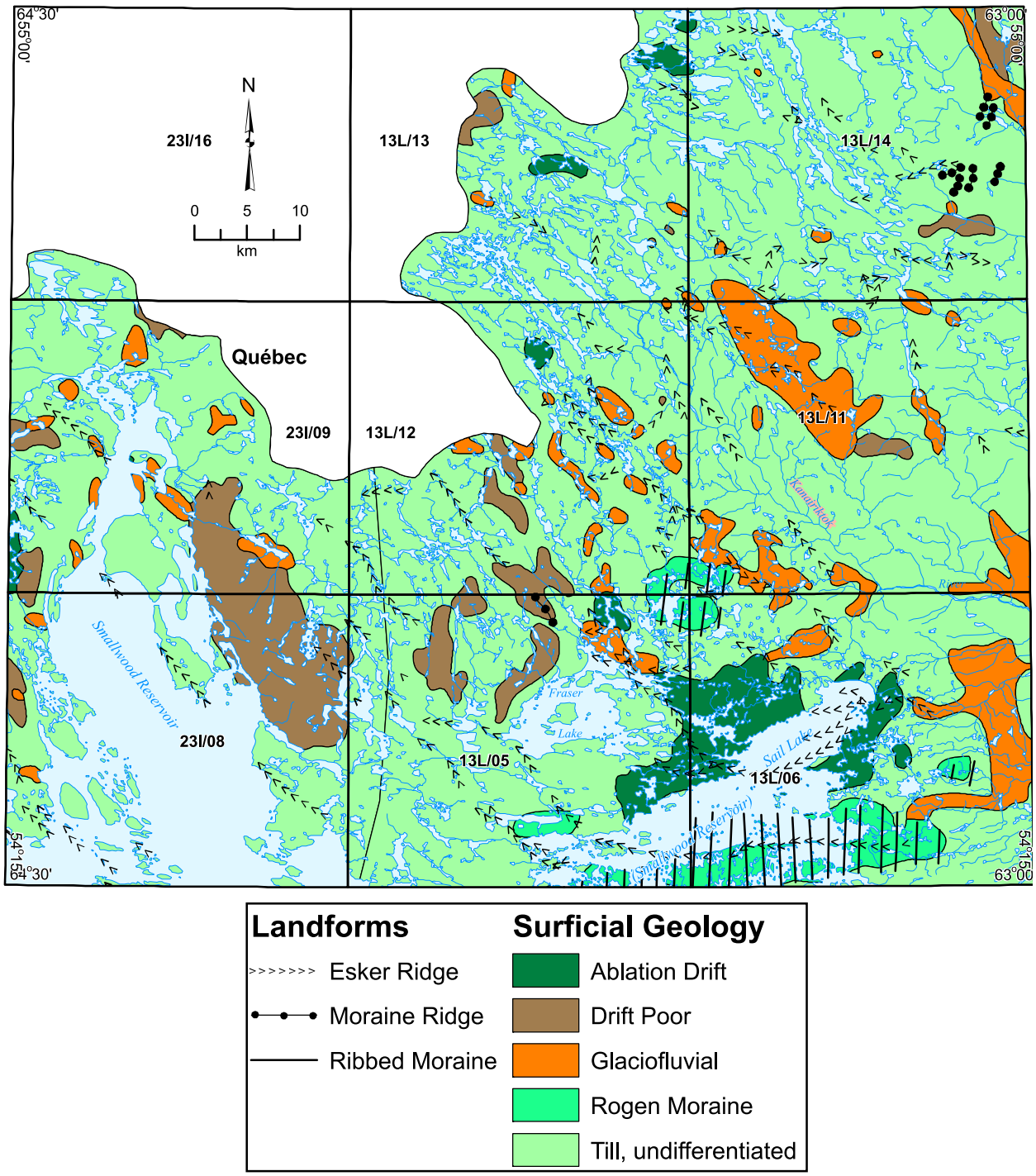



**Figure 4.** *Surficial geology of sampled area.*

east of Sail Lake on 13L/06, and in the southeast of 13L/05. Drumlin or fluting orientations are predominantly north–south (Klassen *et al.*, 1992). The majority of eskers have a southeastward orientation.

## SAMPLE COLLECTION

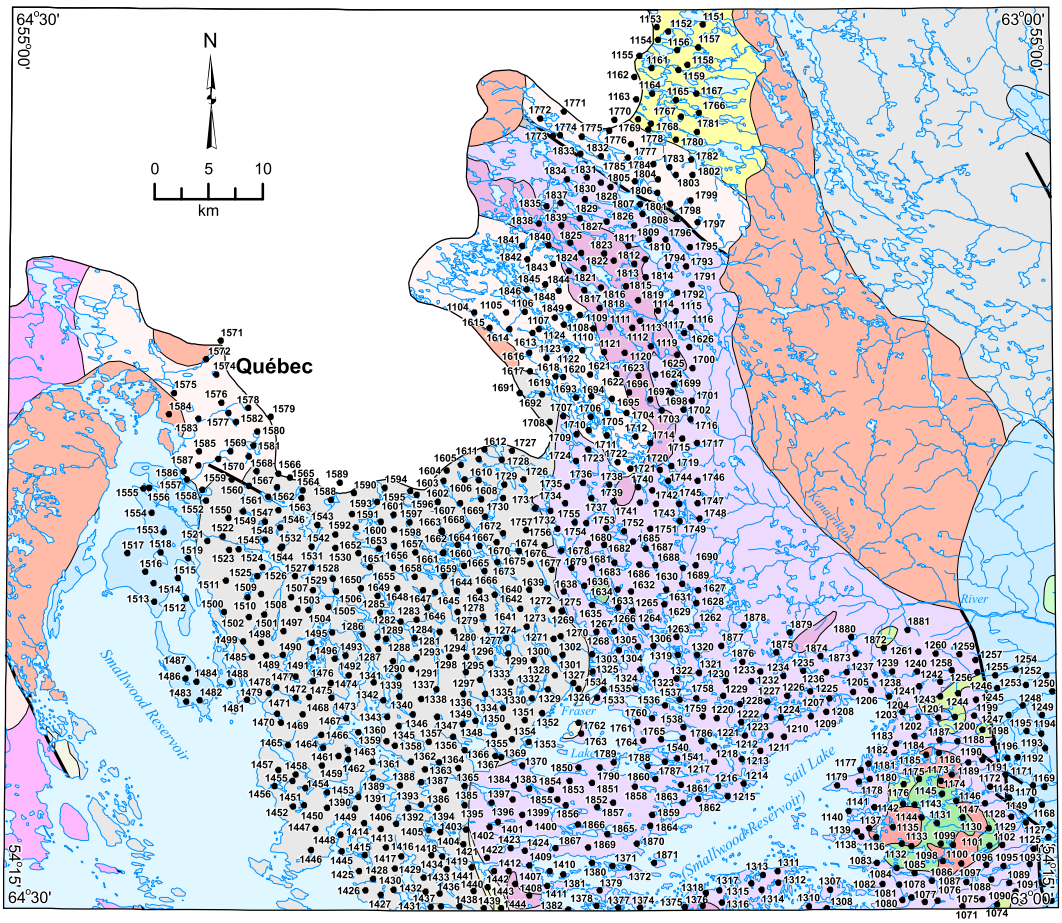
Fieldwork was based in a drive-in camp near the Orma Lake dyke of the Smallwood Reservoir (54º6'28”N, 63º6'10”W; 54.1078°N, 63.1027°W), about 15 km from the nearest point in the sampled area. Sampling was carried out from a float-equipped Bell 206-BL helicopter. A wooden platform was installed over the port float of the helicopter to facilitate sampling, but a winch was not used. No suitable sites for fuel caches were located within the survey area, which had a significant impact on productivity.

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. Furthermore, the presence of larger lakes (in particular, the Smallwood Reservoir), in which few or no samples were collected, served to lessen the overall sampling density from the theoretical one per 4 $km^2$ to approximately one per 4.3 $km^2$.

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 classification 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 that 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.

The locations of sample sites are shown in Figure 5. Samples were stored in pre-numbered, water-resistant Kraft paper bags and air-dried at ambient temperatures for a few days before being air-freighted to St. John’s in steel pails. Sample manifests were emailed to the Geological Survey of Newfoundland and Labrador (GSNL) laboratory in advance of their arrival. 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 a buried metal chest before being air-freighted to St. John’s in coolers.




**Mid Mesoproterozoic**

- M2aq — Arkose, quartzite (Seal Lake Group)
- M2mv — Basalt

**Early Mesoproterozoic**

- M1a — Leuconorite, leucogabbro, leucotroctolite, anorthosite (Michikamau Intrusion)
- M1g — Monzonite, charnockite, granite (Signal Hill Intrusion, 13L Intrusion, Michikamats Intrusion)

**Late Paleoproterozoic** (Proof Lake Complex)

- P3ga — Gabbronorite, amphibolite, mafic granulite
- P3gr — Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**

- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2pmv — Pillow basalt, mafic pyroclastic rocks
- P2ss — Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**

- A-Pggn — Granitic gneiss
- A-Psgn — Pelitic gneiss

**Undivided Archean**

- Aa — Anorthosite, leucogabbro
- Amv — Metabasalt, metasediment, metagabbro

**Neoarchean**

- ANggn — Granitic gneiss
- ANtgn — Metatonalite, tonalite gneiss

**Eo-Paleoarchean**

- A-Pg — Granite

- • Sample Location
- Contact
- Fault

**Figure 5.** *Locations of 2010 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 40ºC, 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 analysis except the INAA of the sediment samples (performed by Becquerel Labs) and U analysis of the water samples (performed by Lakefield Research) 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

Detailed results of the quality assurance will be described separately (Amor, unpublished data, 2012).

**Table 1.** Analytical methods for lake-sediment samples

| Analysis | Units | Method | Method Suffix | 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)<br>[1]Parts per billion (ppb)<br>[2]Weight percent | Instrumental Neutron Activation Analysis (INAA) | 1 | 50 to 10 g in shrink-wrapped vial (total analysis) |
| A1[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)<br>[2]Weight percent | Inductively-Coupled Plasma Emission Spectrometry (ICP-ES) | 2 | HF-HC1-$HNO_3$ (total digestion) |
| Ag | Parts per million (ppm) | Atomic-Absorption Spectrometry (AAS) | 6 | $HNO_3$ |
| Loss-on-Ignition (LOI) | Weight percent | Gravimetric using muffle furnace raised to 500°C | None | N/A |

**Table 2.** Analytical methods for lake-water samples

| Analysis | Units | Method | Method Suffix | Preparation |
|---|---|---|---|---|
| pH | | Corning combination pH electrode | None | None |
| Conductivity | Microsiemens (µS) | Corning conductivity sensor | None | None |
| Ca, Fe, K, Mg, Mn[1], Na, S | 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 |

A reference standard was inserted at a frequency of 1 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. In general, most analyses fell within permissible limits and no reanalyses were deemed necessary.

Analyses of the sediment standards by ICP-ES, after ostensibly "total" HF-$HClO_4$-$HNO_3$ digestion, fell consistently short of the recommended total values for these standards (Lynch, 1990) for certain elements: specifically Ni (mean shortfall 10% over three standards), Y (10%), Cu (12%), Al (13%), Dy (13%), Zn (15%), Cr (17%), Ti (22%), Be (27%), Zr (mean shortfall 69% over three standards). Strontium was consistently overestimated (15%).

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 usually 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 3.** Summary of sediment analytical precision, as measured on reference standards; elements are listed in order of increasing (*i.e.*, worsening) precision

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

**Table 4.** Summary of sediment analytical precision, as measured on analytical duplicates; elements are listed in order of increasing (*i.e.*, worsening) precision

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

**Table 5.** Summary of sediment inhomogeneity, as measured on field duplicates; elements are listed in order of increasing (*i.e.*, worsening) inhomogeneity; there were insufficient detectable Au values for inhomogeneity to be calculated

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

**Table 6.** Summary of water analytical precision, as measured on reference standards; elements are listed in order of increasing (*i.e.*, worsening) precision

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

**Table 7.** Summary of water analytical precision, as measured on duplicates; elements are listed in order of increasing (*i.e.*, worsening) precision

| | ICP-ES | ICP-ES / ultrasonic nebulizer | Other |
|---|---|---|---|
| Better than ± 5% | Mg | Sr | pH |
| Between ± 5% and ± 10% | Ca, Fe, S | | |
| Between ± 10% and ± 20% | Si | Ba | |
| Between ± 20% and ± 50% | Mn, Na | | |
| Worse than ± 50% | K | P, Al, Zn, Ni, Y, Ti, Cr, Cu, V, Li | U, Cond, $F^-$ |

**Table 8.** Summary of water inhomogeneity, as measured on field duplicates; elements are listed in order of increasing (*i.e.*, worsening) inhomogeneity

| | ICP-ES | ICP-ES / ultrasonic nebulizer | Other |
|---|---|---|---|
| Better than ± 20% | | | pH |
| Between ± 20% and ± 50% | S, Na, Mg | Sr, Al | |
| Between ± 50% and ± 100% | Ca, Si | Ba | Conductivity, U |
| Worse than ± 100% | Fe, K | Mn, P, Ti, Y, Cr, V, Ni, Li, Zn, Cu | $F^-$ |

# 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 Parameters

Figures 6-9 show the frequency of occurrence and areal distribution of sampling depth, predominant shoreline vegetation types, sample colour and sediment composition, respectively, as noted during the sampling.

The median and maximum sampling depths are 1.5 m and 15 m, respectively; the latter was reported at 54º26'39”N, 64º5'10”W; 54.4443ºN, 64.0860ºW, in the northeastern corner of NTS map area 23I/08.

The most frequently encountered shoreline vegetation type was “Mixed Forest and Swamp” with 337 instances, followed by “Forest” with 253 and “Swamp” with 96. The remaining four classifications (“Rock and Forest”, “Burned”, “Barren” and “Tundra”) total only 83 instances.

The predominant sample colour was “greenish brown”, in 236 samples, followed by “jelly-like (lustrous) brown” with 225. The remaining six colours (“brown”, “chocolate brown”, “green”, “grey”, “black” and “grey-brown”) were reported in 274 samples.

“Organic ooze”, reported at 527 sites, was by far the most commonly reported compositional type although amongst the other compositional descriptors, some samples were described as “clastic, coarse-grained” and “clastic, fine-grained” and as will be shown, this appears to be a significant control on the chemical composition of the samples.

### Element Associations

Correlation matrices for the lake-sediment and lake-water data are displayed in Figures 10 and 11 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. Also, with the exception of Fe1 and Fe2, only one suite of analyses of each element was included in the calculations; application of these criteria resulted in the exclusion (in alphabetical order) of Ag6, As1, Au1, Ba1, Co1, Cr1, Cs1, Eu1, Hf1, La1, Mo1, Na1, Rb1, Rb2, Sb1, Sc1, Se1, Ta1, Tb1, W1 and Zr1 from the sediment analyses, and Bew2, Cdw2, Cow2, Crw2, Liw2, Mow2, Niw2, Pw2, Pbw2, Tiw2, Vw2, Yw2 and Znw2 from those of the waters.

**Table 9.** Summary statistics for lake-sediment samples; all values in ppm unless otherwise stated

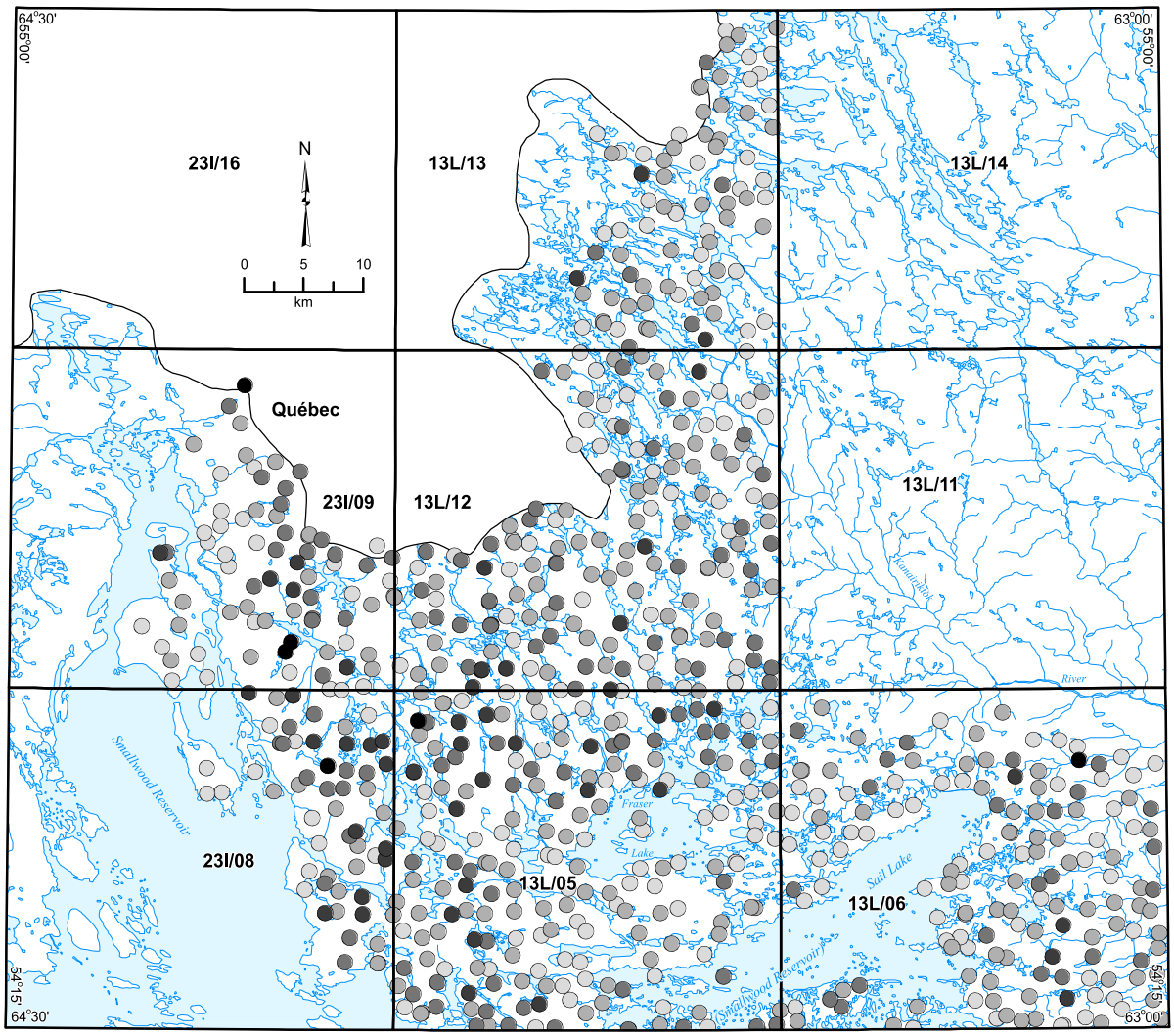
| Analysis | N | Median | Arithmetic Mean | Geometric Mean | Standard Deviation Arithmetic | Standard Deviation Logarithmic | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| Ag6 | 636 | <0.1 | <0.1 | <0.1 | 0.02 | 0.059 | <0.1 | 0.3 |
| Al2(%) | 666 | 1.13 | 1.63 | 1.23 | 1.405 | 0.311 | 0.23 | 10.72 |
| As1 | 650 | 0.6 | 0.7 | 0.5 | 0.71 | 0.321 | <0.5 | 9.3 |
| As2 | 666 | 1 | 2 | 2 | 1.5 | 0.26 | 1 | 16 |
| Au1(ppb) | 650 | <1 | <1 | <1 | 0.5 | 0.19 | <1 | 4 |
| Ba1 | 650 | 94 | 135 | 96 | 133.7 | 0.35 | 25 | 1000 |
| Ba2 | 666 | 119 | 169 | 129 | 151.4 | 0.30 | 22 | 1168 |
| Be2 | 666 | 0.2 | 0.4 | 0.3 | 0.36 | 0.385 | 0.1 | 3.1 |
| Br1 | 650 | 15 | 16 | 15 | 7.9 | 0.21 | 2 | 83 |
| Ca2(%) | 666 | 0.61 | 0.77 | 0.66 | 0.499 | 0.2255 | 0.18 | 3.28 |
| Cd2 | 666 | 0.2 | 0.2 | 0.2 | 0.1 | 0.28 | <0.1 | 0.9 |
| Ce1 | 650 | 44 | 57 | 41 | 52.4 | 0.39 | 2 | 624 |
| Ce2 | 666 | 49 | 64 | 48 | 57.7 | 0.33 | 6 | 645 |
| Co1 | 650 | 4 | 5 | 4 | 4.5 | 0.38 | 1 | 34 |
| Co2 | 666 | 5 | 6 | 5 | 4.8 | 0.33 | 1 | 45 |
| Cr1 | 650 | <10 | 14 | 10 | 11.5 | 0.33 | <10 | 78 |
| Cr2 | 666 | 13 | 15 | 13 | 10.2 | 0.26 | 3 | 113 |
| Cs1 | 650 | <0.5 | <0.5 | <0.5 | 0.17 | 0.126 | <0.5 | 2.9 |
| Cu2 | 666 | 9 | 11 | 9 | 7.9 | 0.24 | 1 | 137 |
| Dy2 | 666 | 1.6 | 2.3 | 1.4 | 3.03 | 0.491 | 0.1 | 41.6 |
| Eu1 | 650 | <0.5 | 0.6 | 0.4 | 0.65 | 0.335 | <0.5 | 7.2 |
| Fe1(%) | 650 | 0.7 | 1.1 | 0.7 | 1.20 | 0.409 | 0.1 | 10.3 |
| Fe2(%) | 666 | 0.81 | 1.28 | 0.83 | 1.506 | 0.4057 | 0.07 | 18.68 |
| Hf1 | 650 | <1 | <1 | <1 | 2.1 | 0.37 | <1 | 17 |
| K2(%) | 666 | 0.11 | 0.23 | 0.12 | 0.319 | 0.455 | 0.02 | 2.31 |
| La1 | 650 | 22 | 29 | 21 | 26.3 | 0.35 | 2 | 304 |
| La2 | 666 | 25 | 33 | 24 | 30.8 | 0.34 | 3 | 373 |
| Li2 | 666 | 2.3 | 3.5 | 2.1 | 3.78 | 0.491 | <0.1 | 42.8 |
| LOI(%) | 666 | 37.5 | 42.6 | 38.7 | 18.11 | 0.199 | 2.0 | 92.5 |
| Lu1 | 650 | 0.12 | 0.16 | 0.11 | 0.183 | 0.3877 | <0.05 | 2.20 |
| Mg2(%) | 666 | 0.20 | 0.26 | 0.21 | 0.190 | 0.2550 | 0.07 | 1.73 |
| Mn2 | 666 | 88 | 157 | 100 | 207.8 | 0.39 | 11 | 2652 |
| Mo1 | 650 | <1 | 2 | 1 | 2.2 | 0.39 | <1 | 25 |
| Mo2 | 666 | 2 | 2 | 2 | 2.7 | 0.36 | <1 | 30 |
| Na1(%) | 650 | 0.12 | 0.29 | 0.14 | 0.443 | 0.5105 | 0.03 | 2.50 |
| Na2(%) | 666 | 0.13 | 0.31 | 0.16 | 0.456 | 0.4771 | 0.02 | 2.54 |
| Nb2 | 666 | 2 | 2 | 2 | 2.3 | 0.40 | <1 | 15 |
| Ni2 | 666 | 11 | 12 | 11 | 6.0 | 0.18 | 3 | 91 |
| P2 | 666 | 481 | 584 | 514 | 358.2 | 0.21 | 134 | 3093 |
| Pb2 | 666 | 4 | 6 | 4 | 7.9 | 0.43 | <1 | 85 |
| Rb1 | 650 | <5 | 7 | 4 | 8.7 | 0.36 | <5 | 70 |
| Rb2 | 666 | 2 | 6 | 3 | 11.0 | 0.52 | 1 | 132 |
| Sb1 | 650 | <0.1 | <0.1 | <0.1 | 0.02 | 0.076 | <0.1 | 0.2 |
| Sc1 | 650 | 1.8 | 2.4 | 1.9 | 1.9 | 0.30 | 0.3 | 11.9 |
| Sc2 | 666 | 2.3 | 3.0 | 2.4 | 2.53 | 0.295 | 0.4 | 38.1 |
| Se1 | 650 | <1 | <1 | <1 | 0.1 | 0.04 | <1 | 2 |
| Sm1 | 650 | 3.2 | 4.2 | 3.1 | 3.99 | 0.340 | 0.4 | 49.1 |
| Sr2 | 666 | 56 | 88 | 66 | 84.2 | 0.29 | 19 | 490 |
| Ta1 | 650 | <0.2 | 0.2 | <0.2 | 0.13 | 0.225 | <0.2 | 1.1 |

**Table 9.** Continued

| Analysis | N | Median | Arithmetic Mean | Geometric Mean | Standard Deviation Arithmetic | Standard Deviation Logarithmic | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| Tb1 | 650 | <0.5 | 0.4 | 0.4 | 0.45 | 0.247 | <0.5 | 7.0 |
| Th1 | 650 | 1.6 | 2.2 | 1.7 | 1.78 | 0.326 | 0.2 | 11.6 |
| Ti2 | 666 | 458 | 756 | 469 | 857.3 | 0.42 | 56 | 6312 |
| U1 | 650 | 0.9 | 1.9 | 0.9 | 4.97 | 0.483 | <0.1 | 81.0 |
| V2 | 666 | 18 | 24 | 19 | 19.2 | 0.32 | 2 | 154 |
| W1 | 650 | <1 | <1 | <1 | 0.1 | 0.06 | <1 | 3 |
| Y2 | 666 | 10 | 14 | 10 | 17.2 | 0.35 | 1 | 232 |
| Yb1 | 650 | 0.6 | 0.9 | 0.6 | 1.12 | 0.375 | <0.5 | 15.0 |
| Zn2 | 666 | 45 | 50 | 44 | 27.4 | 0.21 | 10 | 358 |
| Zr1 | 650 | <100 | 61 | 54 | 54.5 | 0.16 | <100 | 560 |
| Zr2 | 666 | 6 | 12 | 7 | 15.7 | 0.45 | <1 | 131 |

**Table 10.** Summary statistics for lake-water samples; all values in ppb unless otherwise stated

| Analysis | N | Median | Arithmetic Mean | Geometric Mean | Standard Deviation Arithmetic | Standard Deviation Logarithmic | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| Alw2 | 765 | 46 | 55 | 41 | 41.1 | 0.37 | 1 | 316 |
| Baw2 | 765 | 2.2 | 3.4 | 2.1 | 6.66 | 0.420 | 0.1 | 104.7 |
| Bew2 | 765 | <0.1 | <0.1 | <0.1 | 0.02 | 0.063 | <0.1 | 0.3 |
| Caw1 (ppm) | 766 | 1.71 | 1.89 | 1.44 | 1.65 | 0.360 | 0.02 | 31.41 |
| Cdw2 | 765 | <1 | <1 | <1 | 0.1 | 0.02 | <1 | 2 |
| Cow2 | 765 | <1 | <1 | <1 | 0.2 | 0.05 | <1 | 4 |
| Crw2 | 765 | <0.5 | 0.5 | 0.4 | 0.76 | 0.299 | <0.5 | 14.8 |
| Cuw2 | 765 | 0.8 | 2.1 | 0.9 | 3.00 | 0.576 | <0.5 | 37.5 |
| Few1 (ppm) | 766 | 67 | 198 | 64 | 1095.3 | 0.56 | 5 | 19740 |
| Fw9 | 769 | 9 | 24 | 6 | 40.6 | 0.83 | <1 | 320 |
| Kw1 (ppm) | 766 | 0.12 | 0.16 | 0.10 | 0.563 | 0.3876 | <0.01 | 15.07 |
| Liw2 | 765 | 0.2 | 0.3 | 0.2 | 0.31 | 0.462 | <0.1 | 2.8 |
| Mgw1 (ppm) | 766 | 0.55 | 0.66 | 0.47 | 0.753 | 0.4050 | <0.01 | 16.04 |
| Mnw1 | 766 | 1.5 | 5.7 | 1.5 | 50.47 | 0.487 | <0.5 | 1167.2 |
| Mow2 | 765 | <1 | <1 | <1 | 0.1 | 0.06 | <1 | 3 |
| Naw1 (ppm) | 766 | 0.65 | 0.68 | 0.58 | 0.627 | 0.2513 | 0.01 | 15.93 |
| Niw2 | 765 | <1 | <1 | <1 | 4.6 | 0.20 | <1 | 86 |
| Pbw2 | 765 | <1 | <1 | <1 | 0.6 | 0.17 | <1 | 9 |
| Pw2 | 765 | <5 | <5 | <5 | 2.0 | 0.15 | <5 | 20 |
| Sw1 (ppm) | 766 | 0.17 | 0.21 | 0.16 | 0.445 | 0.3015 | <0.01 | 12.14 |
| Siw1 (ppm) | 766 | 1.11 | 1.17 | 0.57 | 1.020 | 0.7469 | 0.01 | 14.90 |
| Srw2 | 765 | 9.7 | 10.5 | 8.4 | 8.80 | 0.3360 | 0.3 | 174.0 |
| Tiw2 | 765 | <0.1 | 0.1 | <0.1 | 0.14 | 0.289 | <0.1 | 2.8 |
| Uw3 | 766 | <0.01 | 0.02 | <0.01 | 0.078 | 0.3956 | <0.01 | 1.90 |
| Vw2 | 765 | 0.1 | 0.3 | 0.2 | 0.65 | 0.380 | 0.1 | 13.7 |
| Yw2 | 765 | <0.1 | <0.1 | <0.1 | 0.08 | 0.266 | <0.1 | 0.5 |
| Znw2 | 765 | 1 | 2 | 1 | 3.1 | 0.36 | 1 | 61 |
| Conductivity (µS) | 766 | 17.6 | 18.8 | 16.4 | 12.93 | 0.223 | 2.7 | 259.0 |
| pH | 766 | 6.74 | 6.59 | 6.57 | 0.508 | 0.036 | 4.69 | 7.50 |



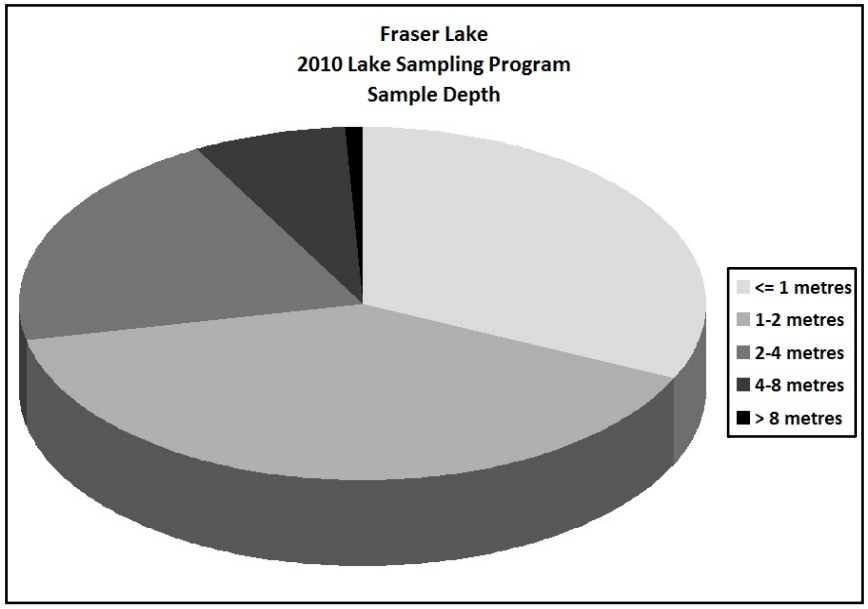
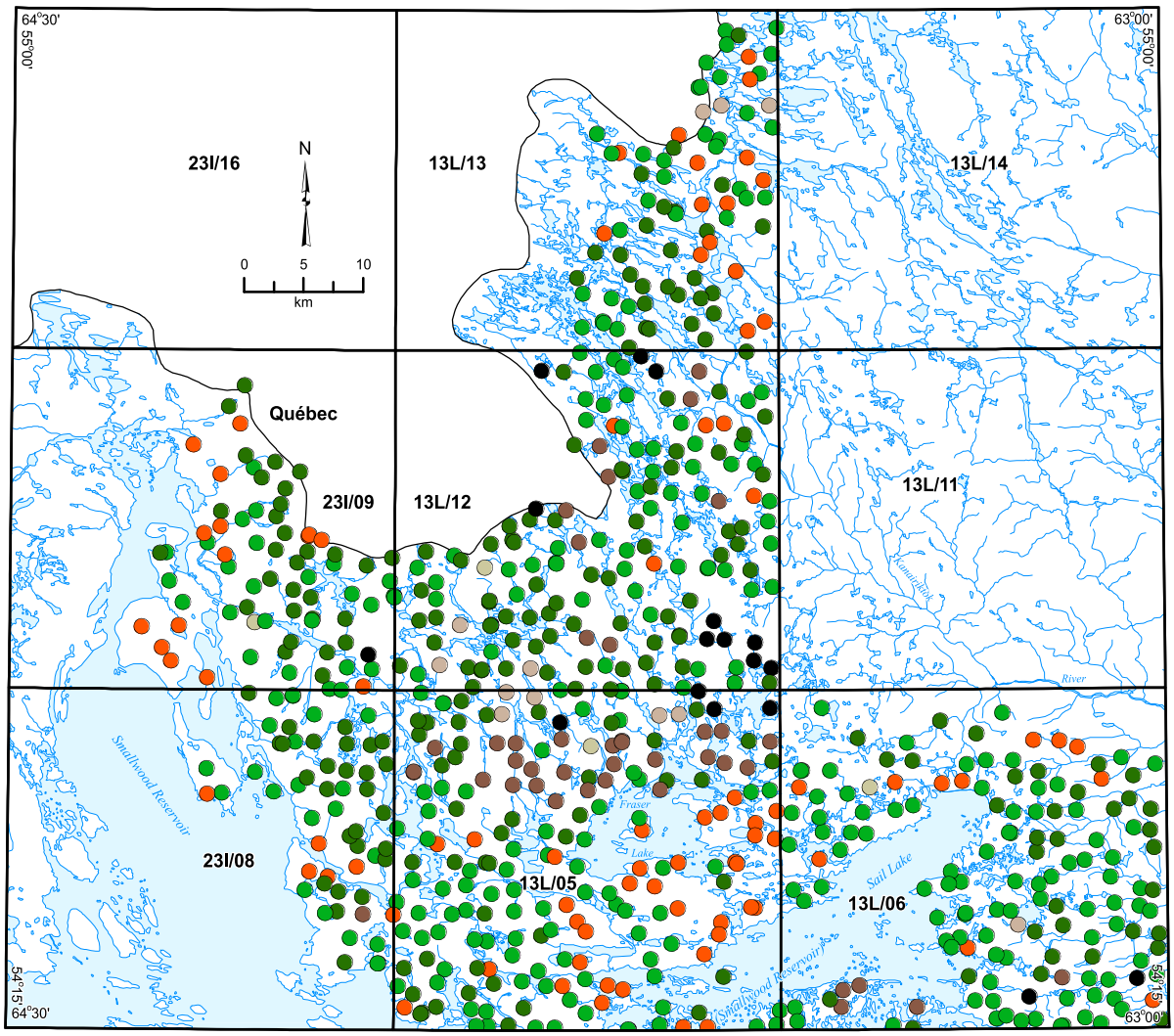




**Figure 6.** *Areal distribution and frequency of occurrence of sampling depth.*



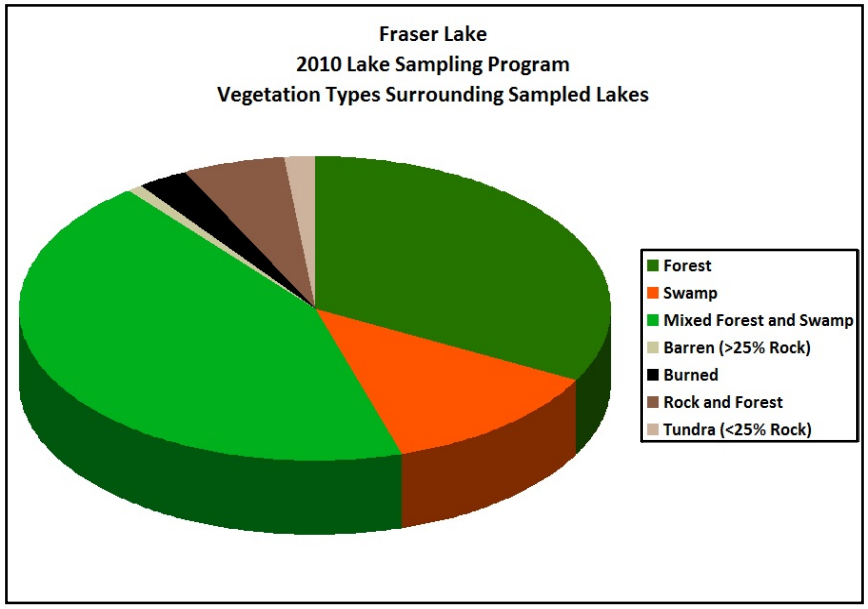
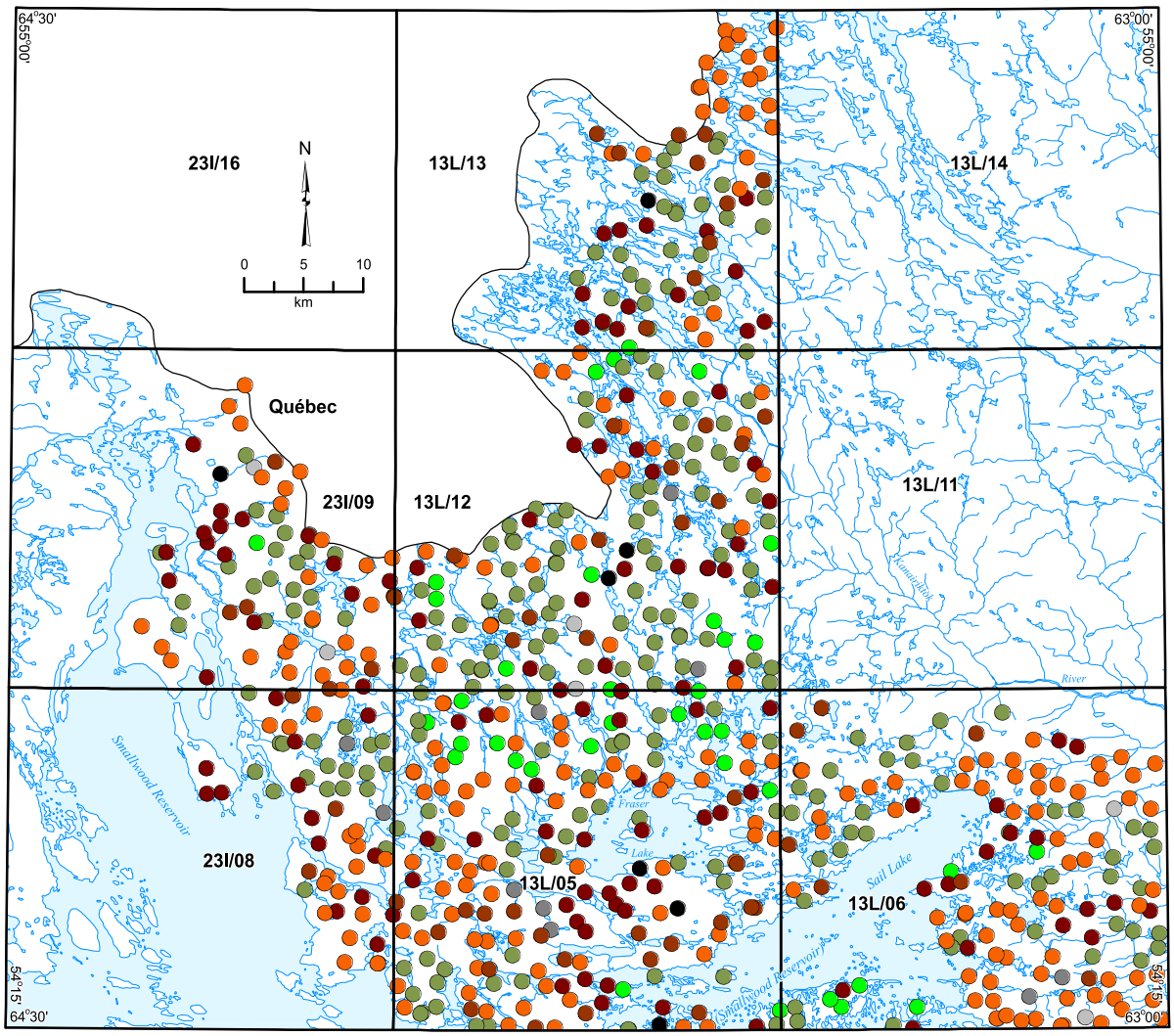




**Figure 7.** *Areal distribution and frequency of occurrence of predominant shoreline vegetation types.*



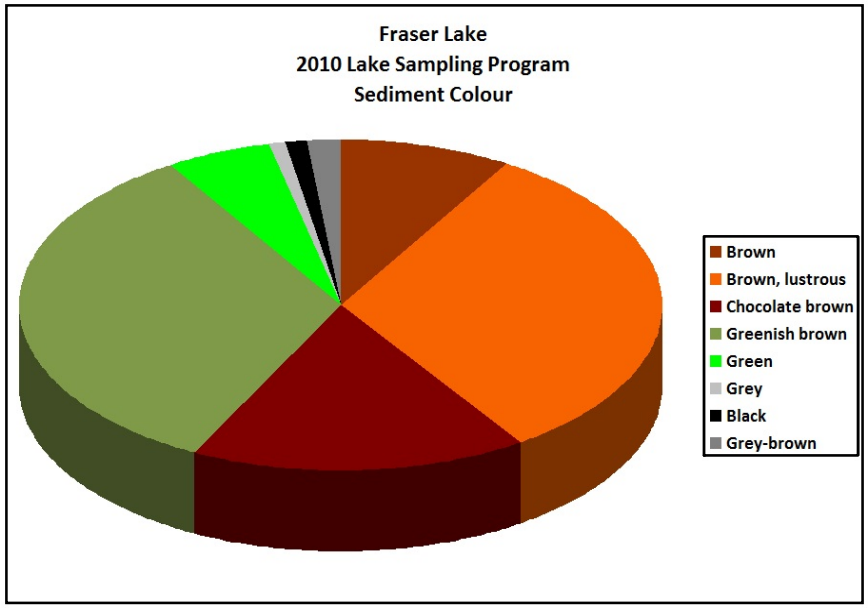
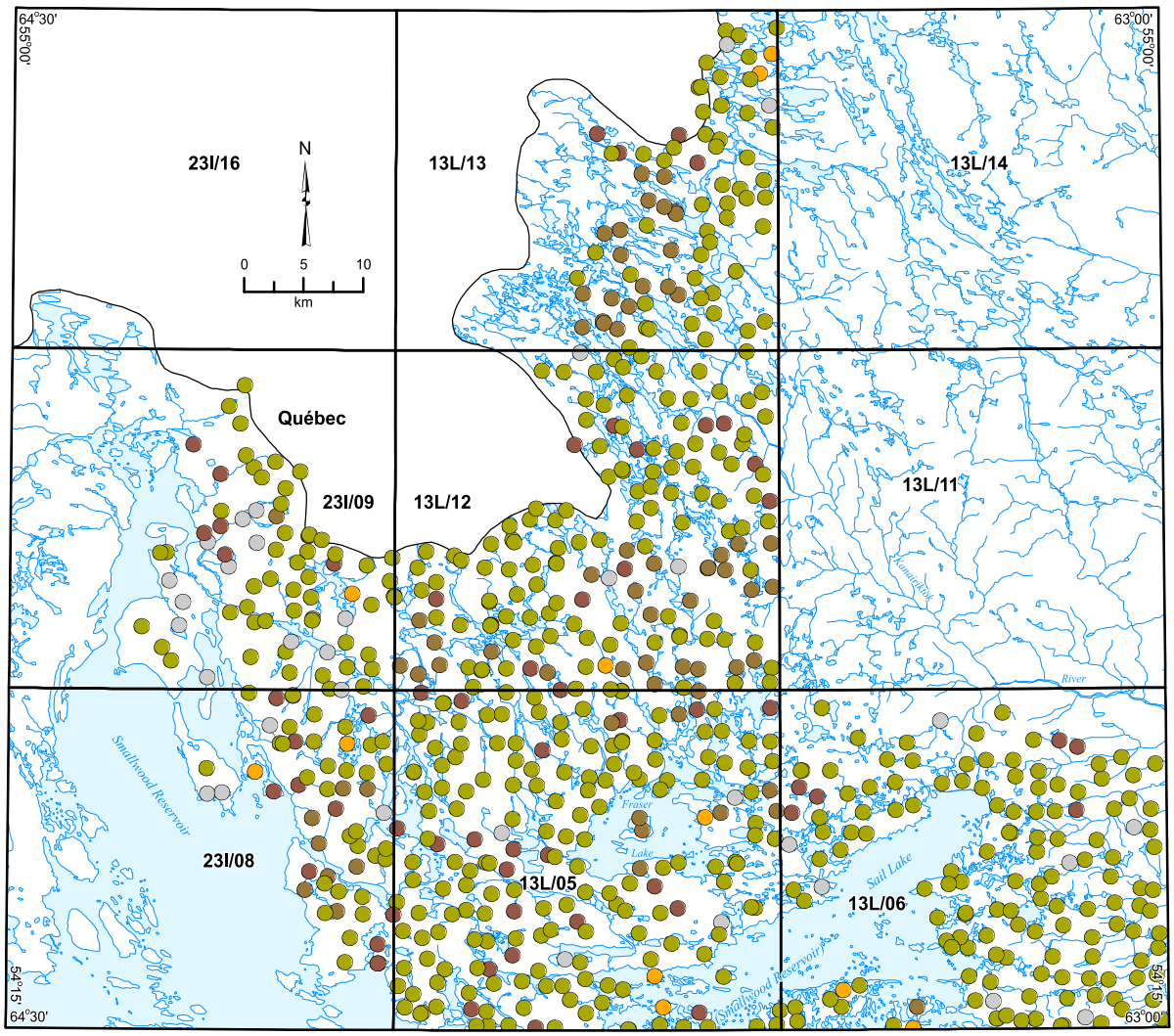




**Figure 8.** *Areal distribution and frequency of occurrence of sample colour.*



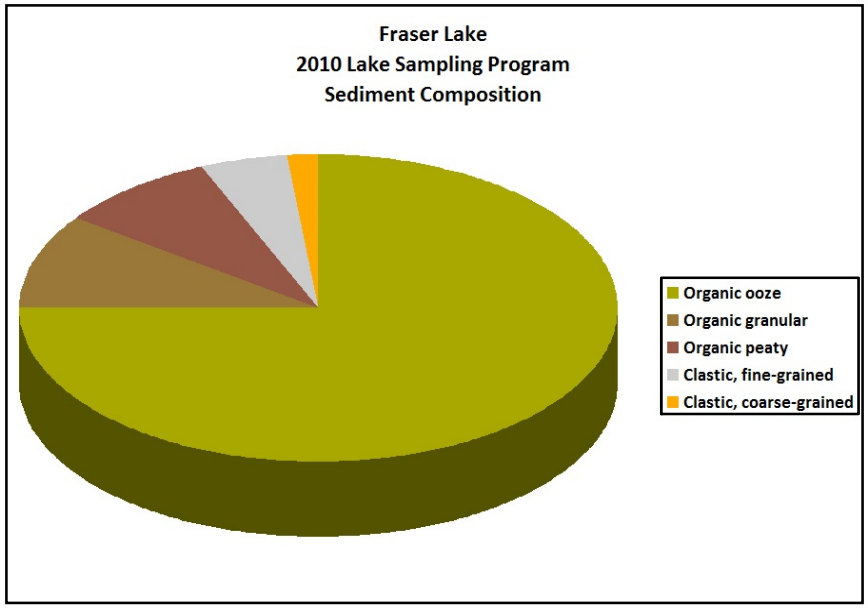




**Figure 9.** *Areal distribution and frequency of occurrence of sample composition.*

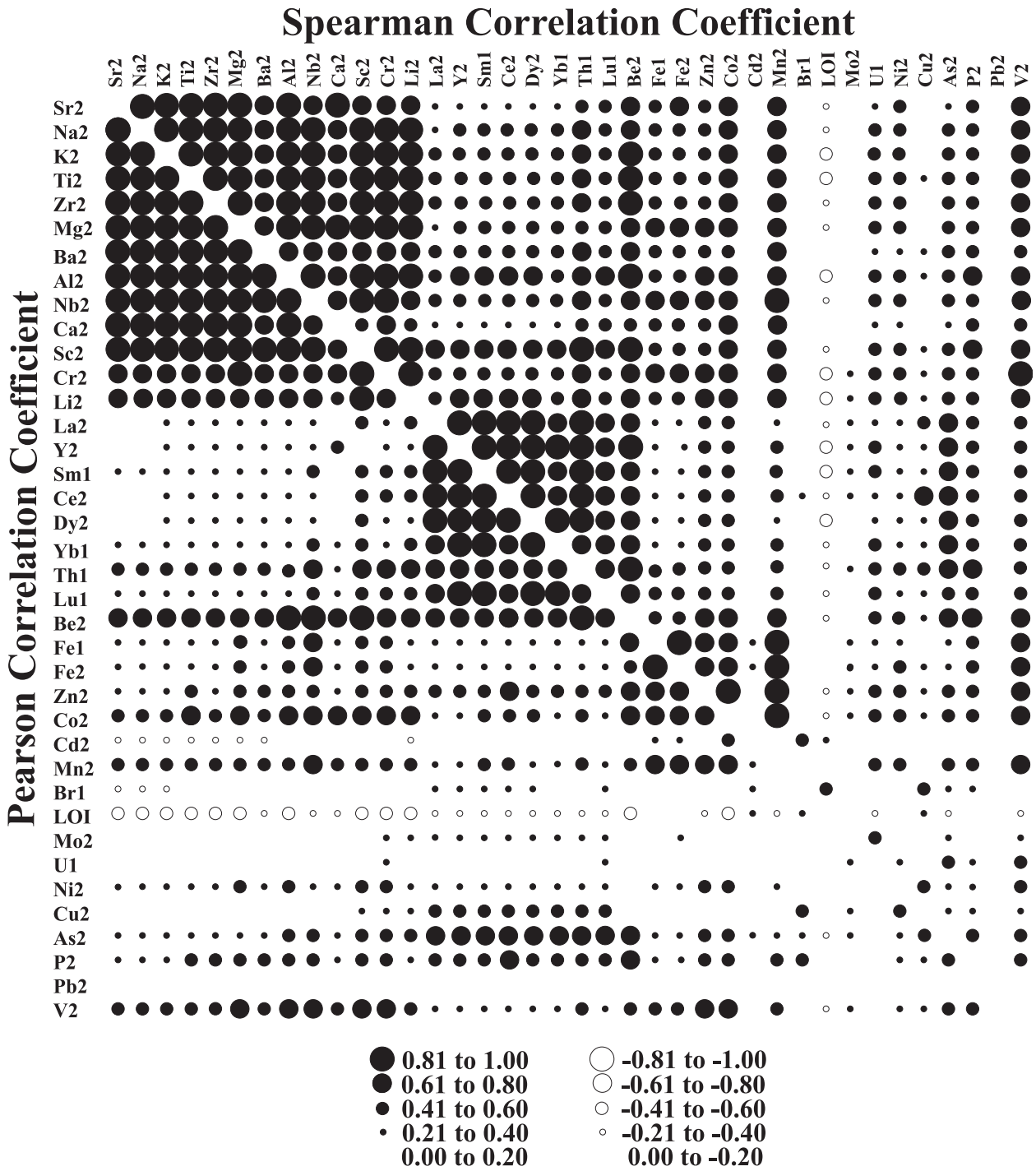



**Figure 10.** *Correlation matrix for lake-sediment data.*

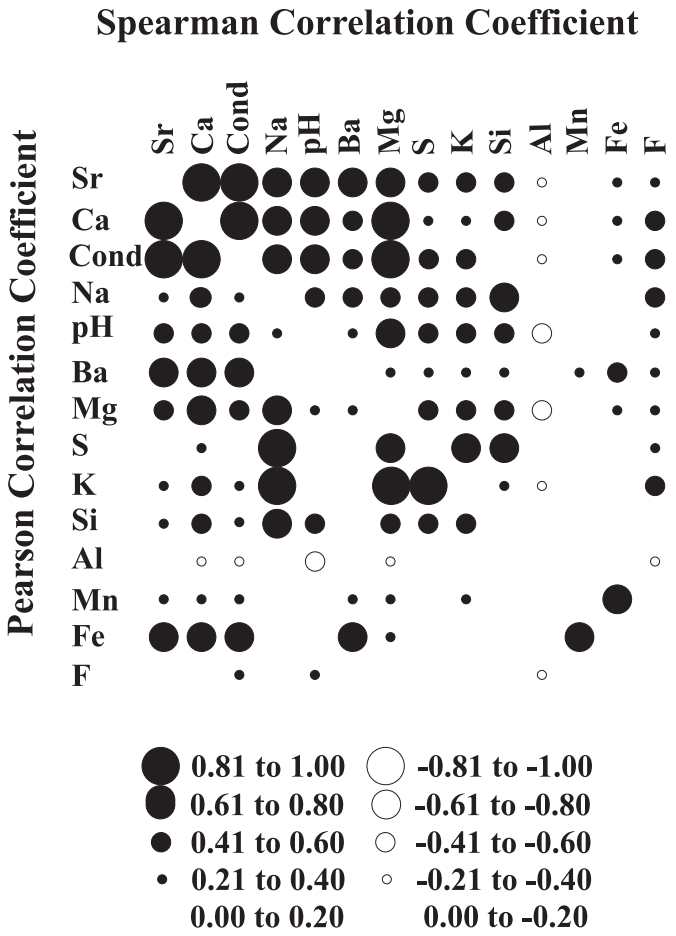



**Figure 11.** *Correlation matrix for lake-water data.*

In Figures 10 and 11, the lower left-hand half 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) whereas the Spearman correlation coefficients are displayed in the upper right. With the aid of output from R-mode factor analysis, the elements are grouped in such a way as to emphasize their intercorrelations, where present. The elements Mo, U, P, Pb and V either show no association with the groups above, or ambiguous association with more than one.

These associations are as follows:

- Sr, Na, K, Ti, Zr, Mg, Ba, Al, Nb, Ca, Sc, Cr and Li
- La, Y, Sm, Ce, Dy, Yb, Th, Lu and Be
- Fe, Zn, Co, Cd and Mn
- Br and LOI
- Ni, Cu and As

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

- Sr, Ca, Conductivity, Na, pH, Ba and Mg
- S, K and Si
- Al
- Mn and Fe
- F-

## 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 12-31), whereas the remainder comprise Appendices 3 and 4. The elements have been chosen because they are representative of the associations above, as demonstrated by the factor analysis (*see* above), or because they are of particular economic interest.

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 percent 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. Conspicuous multi-element anomalies are described briefly in a later section.

### *Strontium (Sr2)*

Strontium correlates most strongly with Na2 (Spearman correlation coefficient 0.92), Mg2 (0.91), Zr2 (0.87), K2 (0.87), Ti2 (0.86), Ca2 (0.84) and Al2 (0.83). There are values falling within the topmost two class intervals (red and orange symbols) in the southeastern corner of NTS map area 23I/09, and in the north of 13L/13 (Figure 12); the latter point cluster is at the northernmost extremity of the 2010 sample coverage. All of the samples in these clusters were recorded as being either "clastic fine-grained" or "clastic coarse-grained" by the samplers, and this is the case for many of the other Sr-rich samples elsewhere on the map area.

### *Lanthanum (La2)*

The strongest correlations with this element are displayed by Ce2 (Spearman correlation coefficient 0.97), Dy2 (0.96), Y2 (0.96) and Sm1 (0.95). Correlations with the heavy REE Yb (0.75) and Lu (0.67) are much lower, and are in fact exceeded by those of Th (0.82) and Be (0.76).

Lanthanum values in the uppermost three class intervals delineate the Michikamau Intrusion quite precisely, with the highest values concentrated in the north, centred on 54º32'38"N, 64º7'36"W (54.5438º N, 64.1266º W) in the south of NTS map area 13L/13 (Figure 13).

A local maximum is present farther north on 23I/09. This is underlain by Unit A-Pggn (Archean and/or Paleoproterozoic granitic gneiss), intruded by the Michikamau Intrusion to the south and the Signal Hill Intrusion to the north. The larger alkaline Michikamats Intrusion lies about 4 km to the southwest of the geochemical feature.

Lanthanum is weakly enriched over the Proof Lake Complex in the southeast, with the highest values being concentrated in the south of the intrusion.

### *Iron (Fe1)*

Unsurprisingly the strongest correlation of Fe1 is with Fe2, with a Spearman correlation coefficient of 0.97. Other strong correlations are with Mn2 (0.85), Co2 (0.77), Nb2 (0.77) and V (0.72).

Values are generally higher in the south of the map area (Figure 14). A local maximum is present northwest of Sail Lake, centred on 54º23'39"N, 63º26'27"W (54.3942ºN, 63.4409ºW).

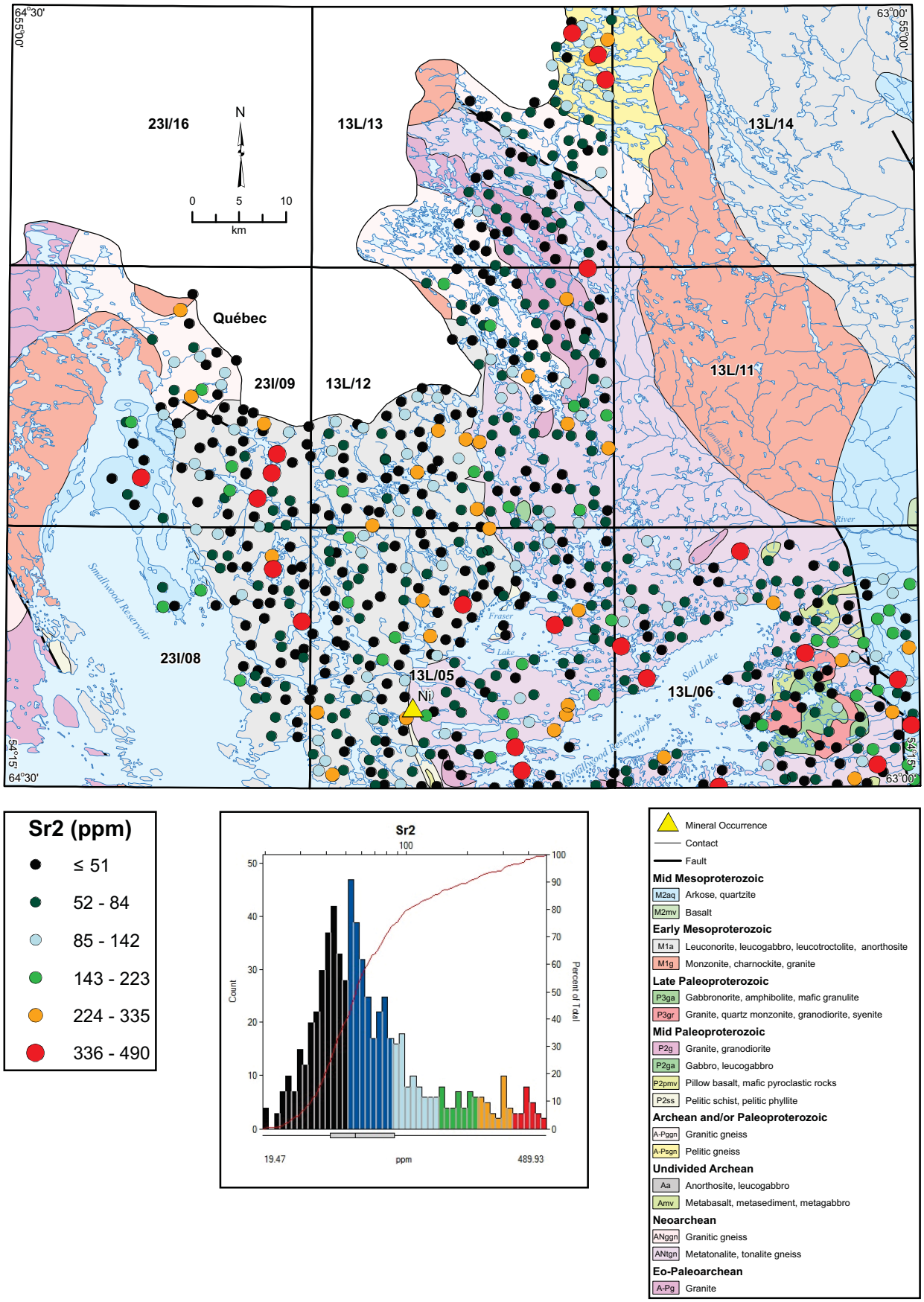



**Figure 12.** *Strontium (Sr2) in lake sediment.*

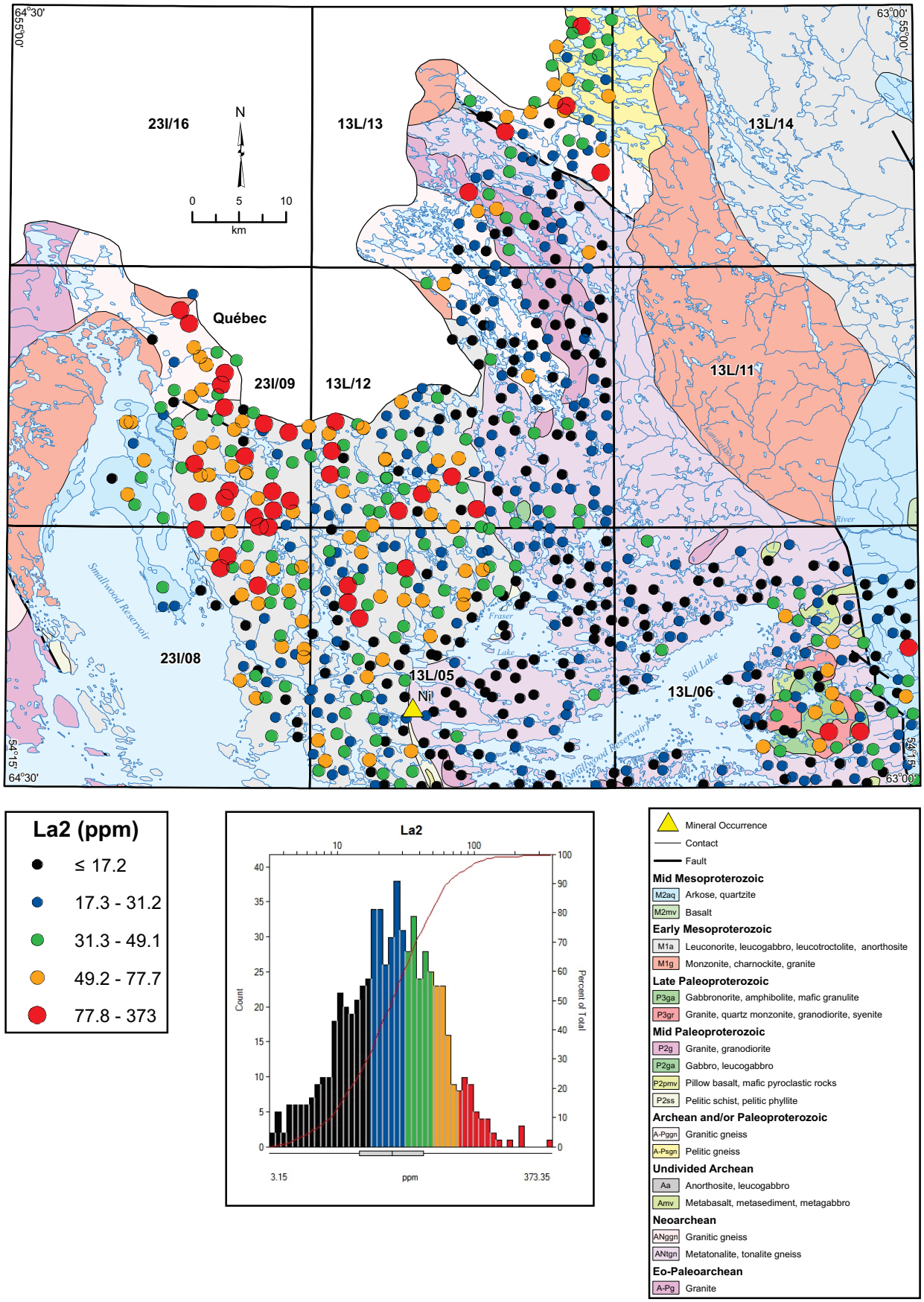



**Figure 13.** *Lanthanum (La2) in lake sediment.*

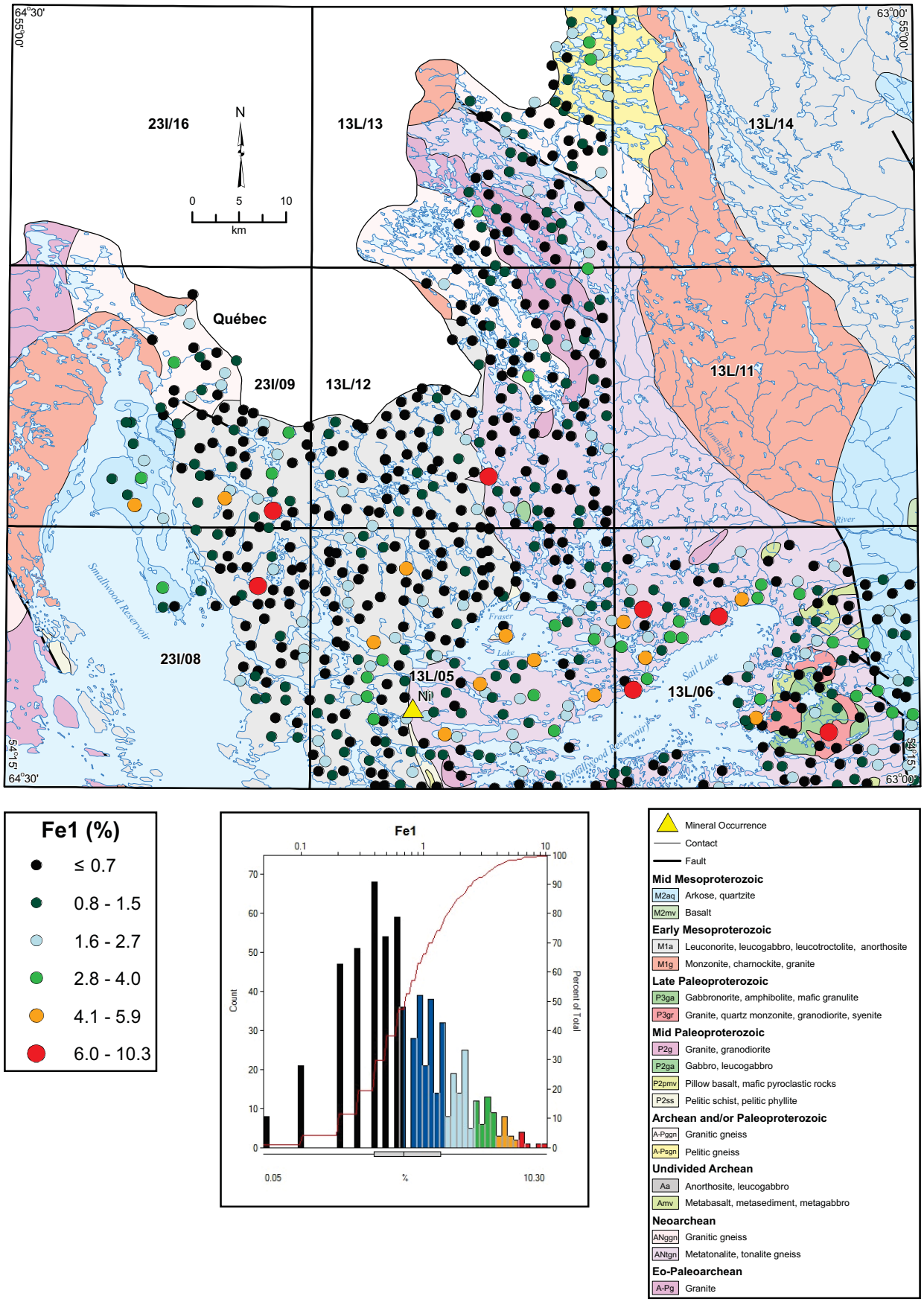



**Figure 14.** *Iron (Fe1) in lake sediment.*

***Loss-on-Ignition (LOI)***

This parameter shows positive correlation with Br1 (Spearman correlation coefficient 0.45) and Cd (0.39), and is negatively correlated with most other elements, notably Li2 (-0.57) and Na2 (-0.40).

As might be expected, the distribution of LOI values does not show a strong regional control (Figure 15), although a conspicuous concentration of high-LOI samples extends westward from Fraser Lake on NTS map area 13L/05 to the Smallwood Reservoir on 23I/08. Samples returning very low-LOI values show even less of a spatial co-association, with the exception of three adjacent samples in the southeast corner of NTS map area 23I/09. Almost all of the low-LOI samples were described either as "clastic coarse-grained" or "clastic fine-grained" by the samplers.

***Nickel (Ni2)***

Nickel correlates most strongly with Co2 (Spearman correlation coefficient 0.60) and Cu2 (0.57).

Values of Ni are low over most of the Michikamau Intrusion (Figure 16), with the exception of five samples sampled over an easterly bulge of the Intrusion's eastern contact, and a further eight over the metatonalite country rock immediately to the east. To the south, the Fraser Lake Ni prospect is associated with two Ni values of 42 ppm (sample SA5101403) and 69 ppm (SA5101402) that exceed the 97.5-percentile of the dataset as a whole.

***Uranium (U1)***

Uranium correlates most strongly with Cr2 (Spearman correlation coefficient 0.58) and Li2 (0.54). There is a strong contrast within the bounds of the Michikamau Intrusion (between samples assigned to the lowermost class interval, (black symbols), in the east, and those assigned to the second-lowermost class interval (green symbols) in the west (Figure 17). Most of the values falling within the uppermost two class intervals (orange and red symbols) are disposed around Sail Lake on NTS map areas 13L/05 and 13L/06; including the Proof Lake Complex in the southeast.

***Molybdenum (Mo2)***

This element is most strongly correlated with U1 (Spearman correlation coefficient 0.51). Local maxima are present in the north of NTS map area 23I/09 and over the Proof Lake Complex on 13L/06 (Figure 18).

***Arsenic (As2)***

Arsenic is most strongly correlated with the REE (Spearman correlation coefficients between 0.6 and 0.7). Most of the values in the uppermost three class intervals (red, orange and green symbols) are confined to the Michikamau Intrusion (where they delineate the contact with the metatonalite country rock quite precisely, and where the highest values concentrate in the southeastern

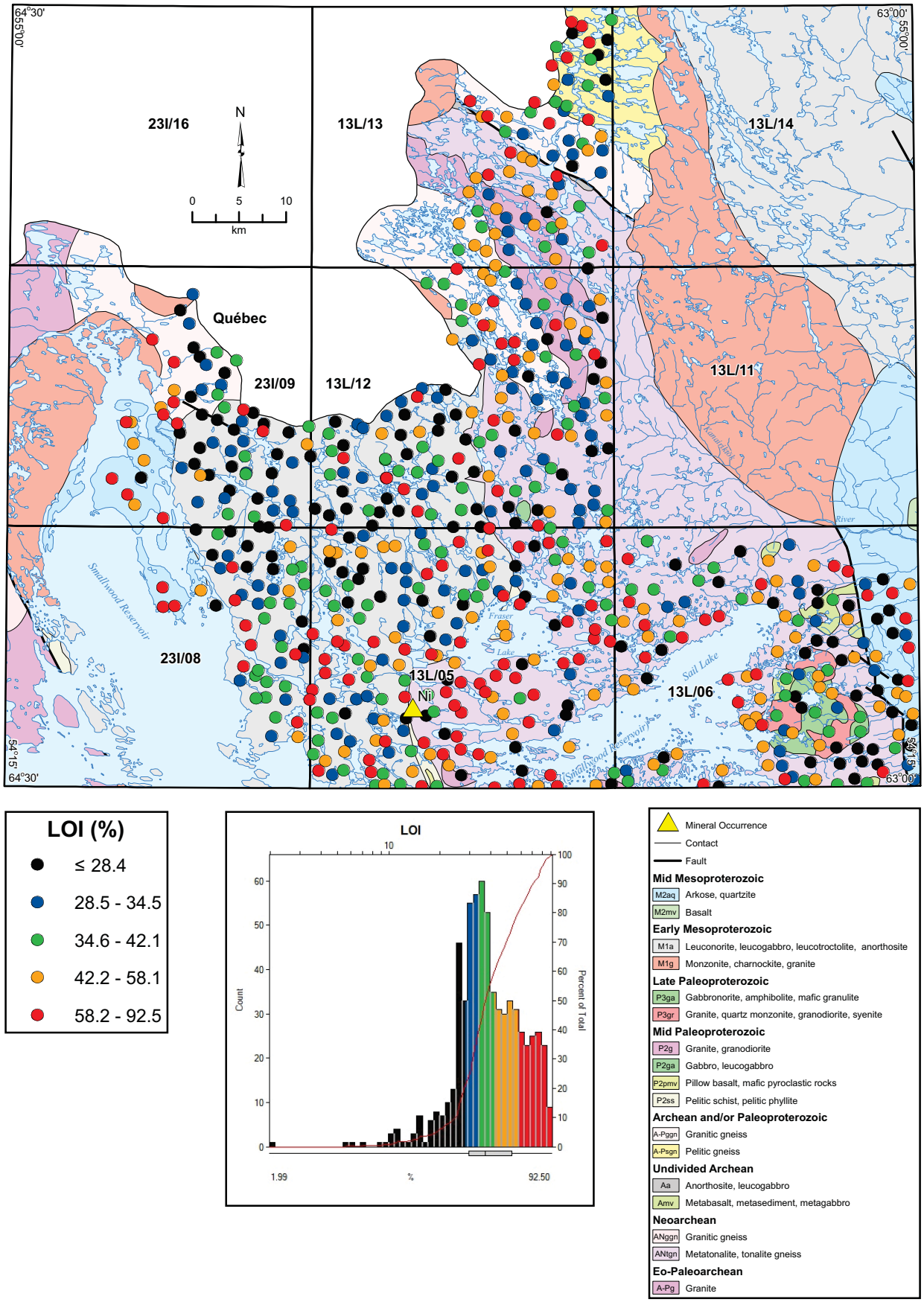



**Figure 15.** *Loss-on-Ignition (LOI) in lake sediment.*

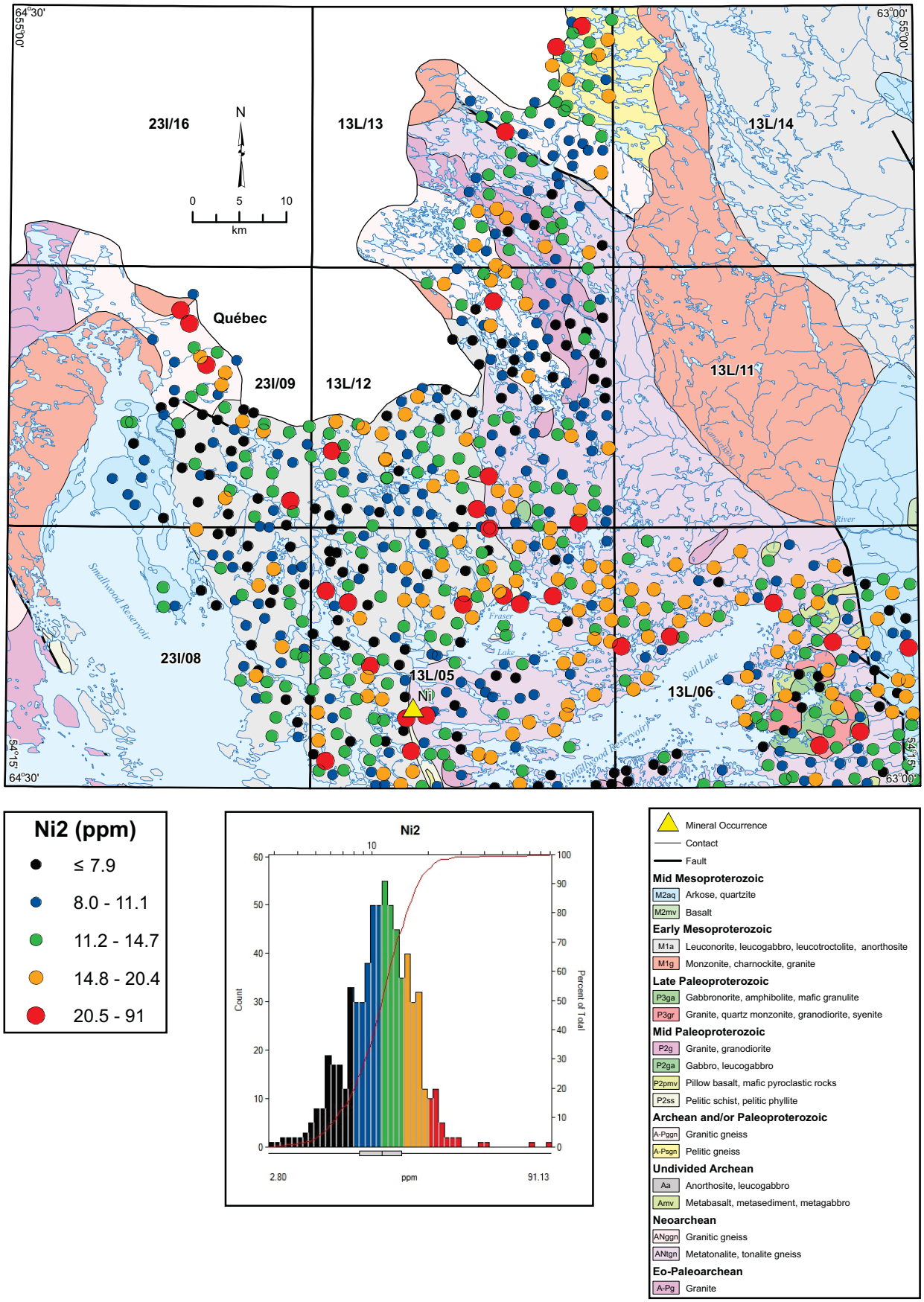



**Figure 16.** *Nickel (Ni2) in lake sediment.*

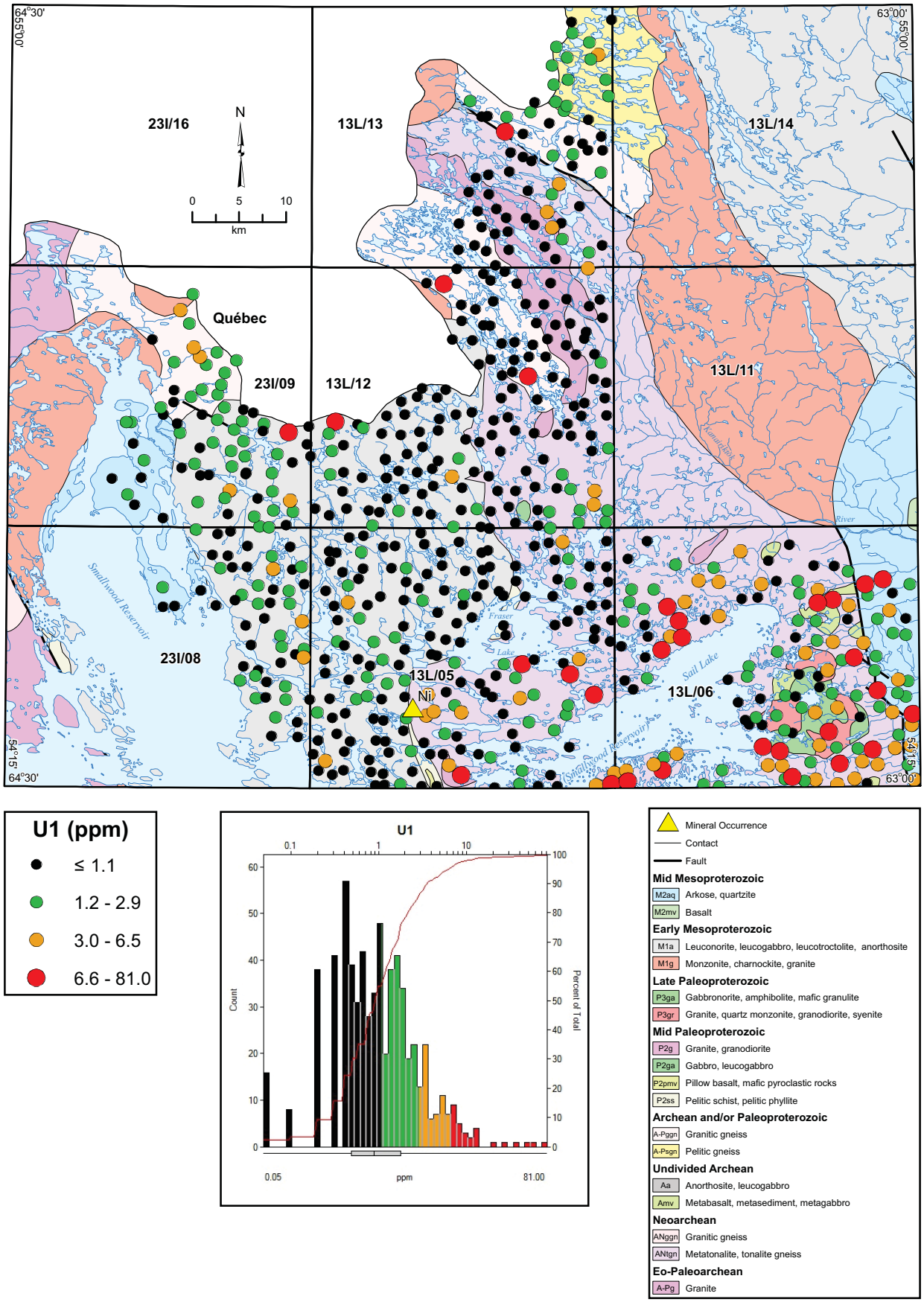



**Figure 17.** *Uranium (U1) in lake sediment.*

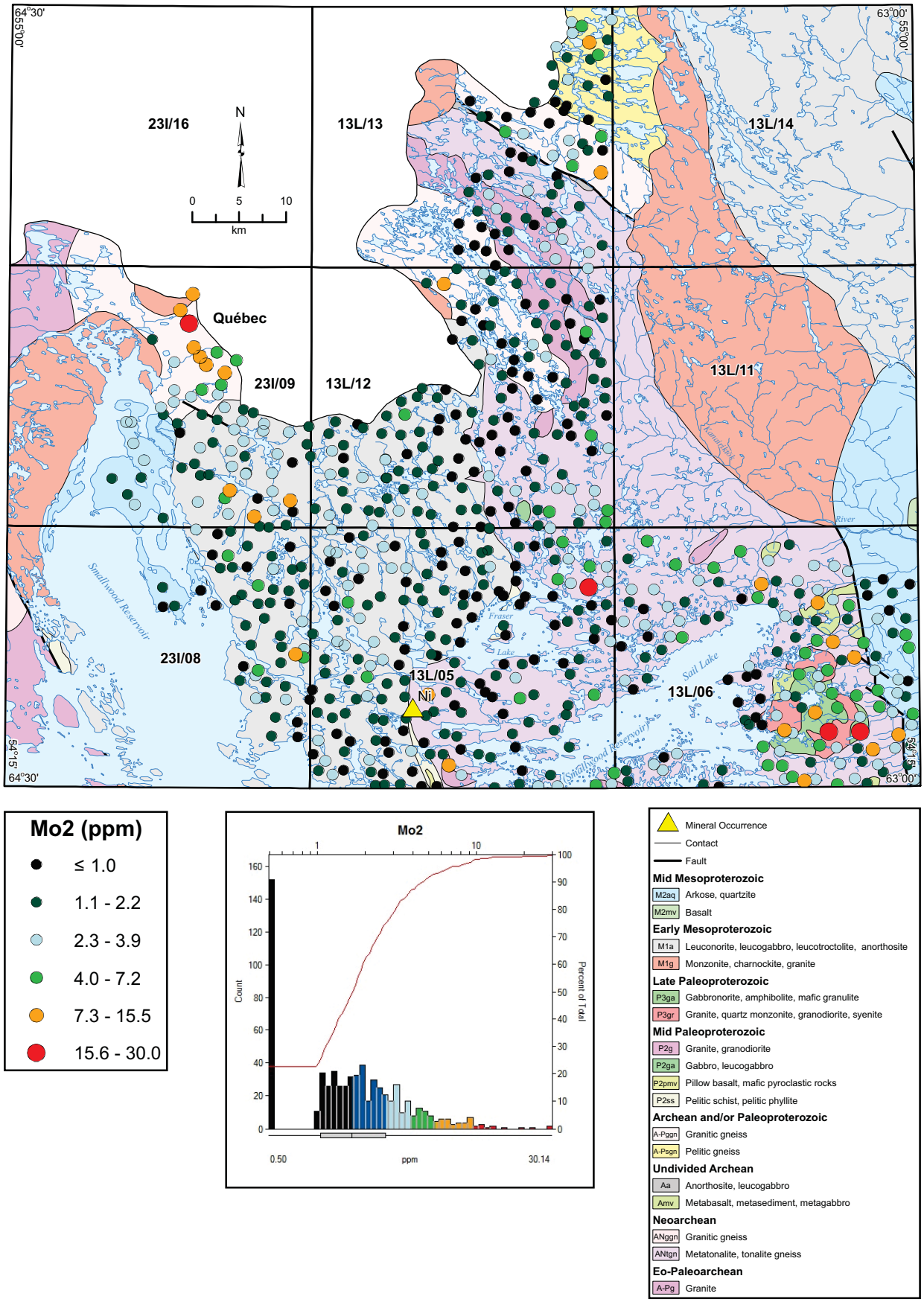



**Figure 18.** *Molybdenum (Mo2) in lake sediment.*

corner of NTS map area 23I/09); in the extreme north of the sampled area; and over the Proof Lake Complex in the southeast (Figure 19).

***Phosphorus (P2)***

Correlations with Be2 (Spearman correlation coefficient 0.72), Al2 (0.69) and Sc (0.67) are strongest for this element. Most values from the uppermost three class intervals (red, orange and green symbols) occur over the Michikamau Intrusion, but there are no significant spatial accumulations (Figure 20).

***Lead (Pb2)***

Three spatially associated Pb2 values in the uppermost class interval are present in the northeastern corner of the sampled area on NTS map area 23I/09. A local maximum comprising more than ten samples, which mostly returned values in the third (green) category but is surrounded by lower (black) values is present on the northwestern shore of Sail Lake, centred on 54º23'46”N, 63º27'27”W (54.3960ºN, 63.4574ºW; Figure 21).

***Vanadium (V2)***

The vanadium response to the Michikamau Intrusion is not as strong as that displayed by some other elements, notably REE (Figure 22). There is a concentration of V2 values in the uppermost two class intervals to the northeast of the Proof Lake Complex. The element is correlated most strongly with Cr2 (Spearman correlation coefficient 0.84) and Co2 (0.80).

## 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 aereal distribution of Cr, Li, Y and U will also be described. The geochemical symbol maps for elements not described here are included in Appendix 3.

***Strontium (Srw2)***

Coincidentally, strontium is most representative of the strongest element association in the water analyses, as it was in sediment analyses. The element is most strongly correlated with Caw1 (Spearman correlation coefficient 0.90), Conductivity (0.87), Mgw1 (0.77), Naw1 (0.72) and pH (0.72). The most conspicuous local maximum consists of a belt of samples falling into the uppermost two categories (red and orange), about 10 km wide and extending in a northeasterly direction from the southwestern corner of NTS map area 13L/05, to the northeastern tip of Sail Lake (Figure 23). Very few values in the uppermost (red) class interval were returned for samples collected over the Michikamau Intrusion.

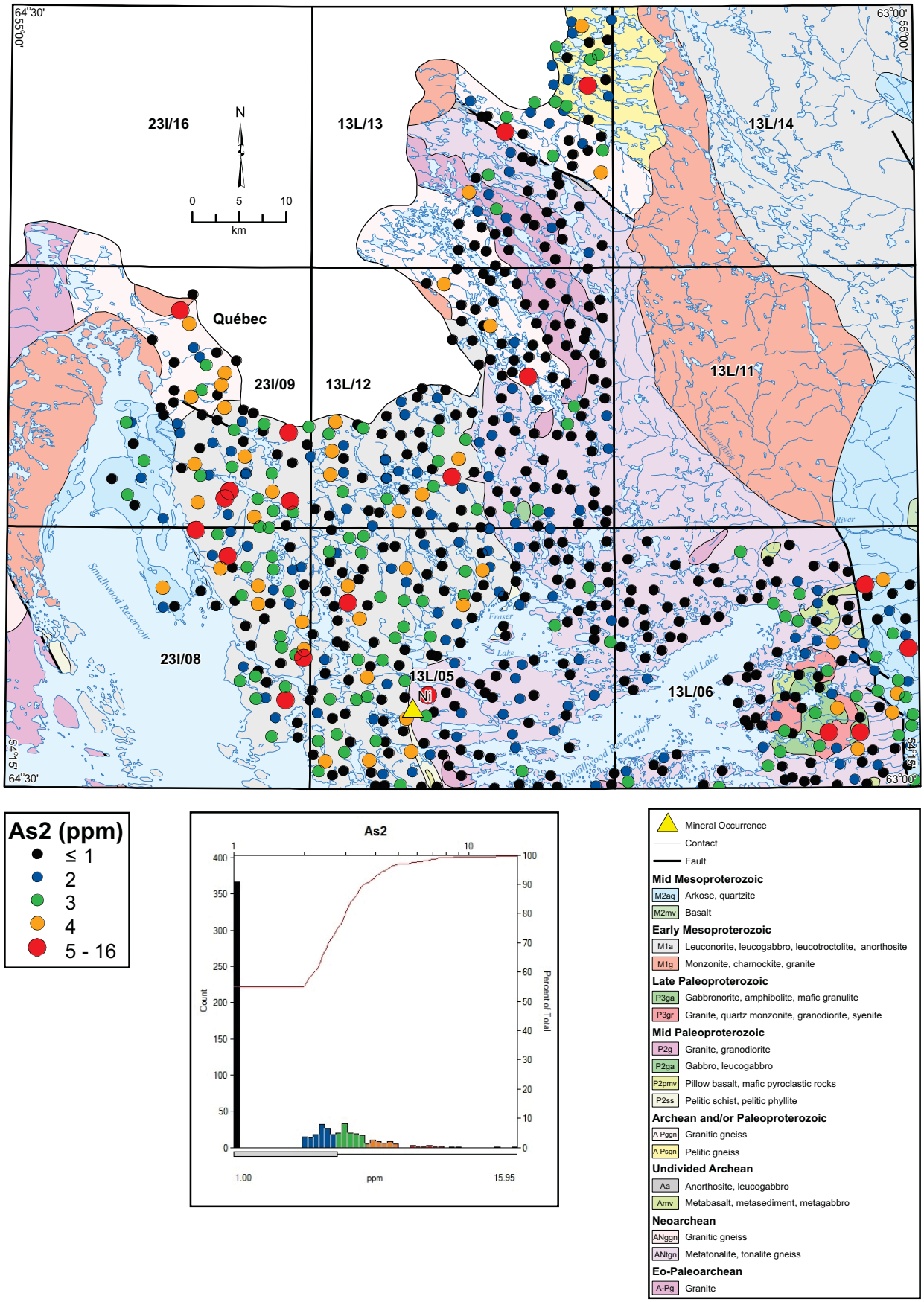



**Figure 19.** *Arsenic (As2) in lake sediment.*

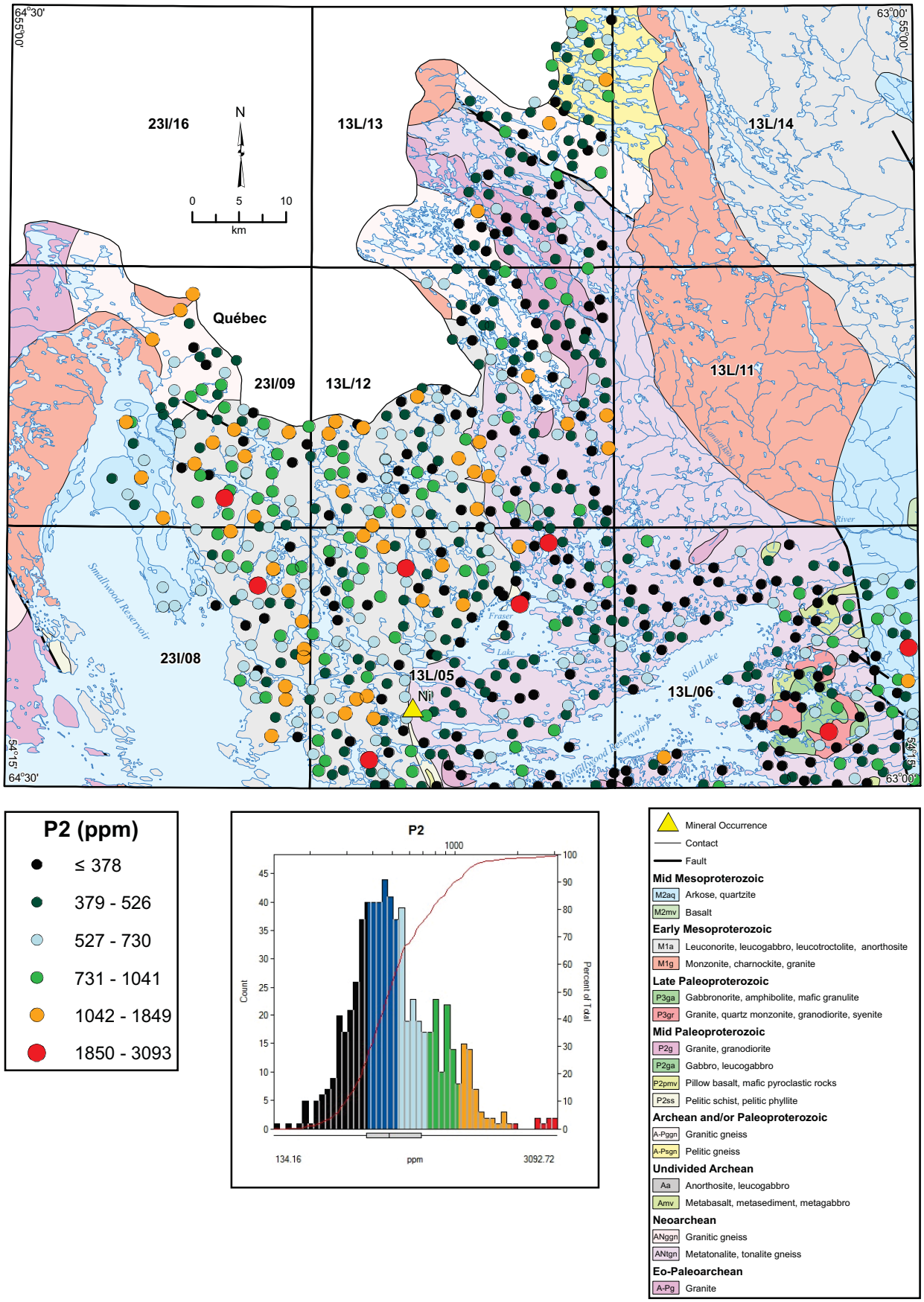
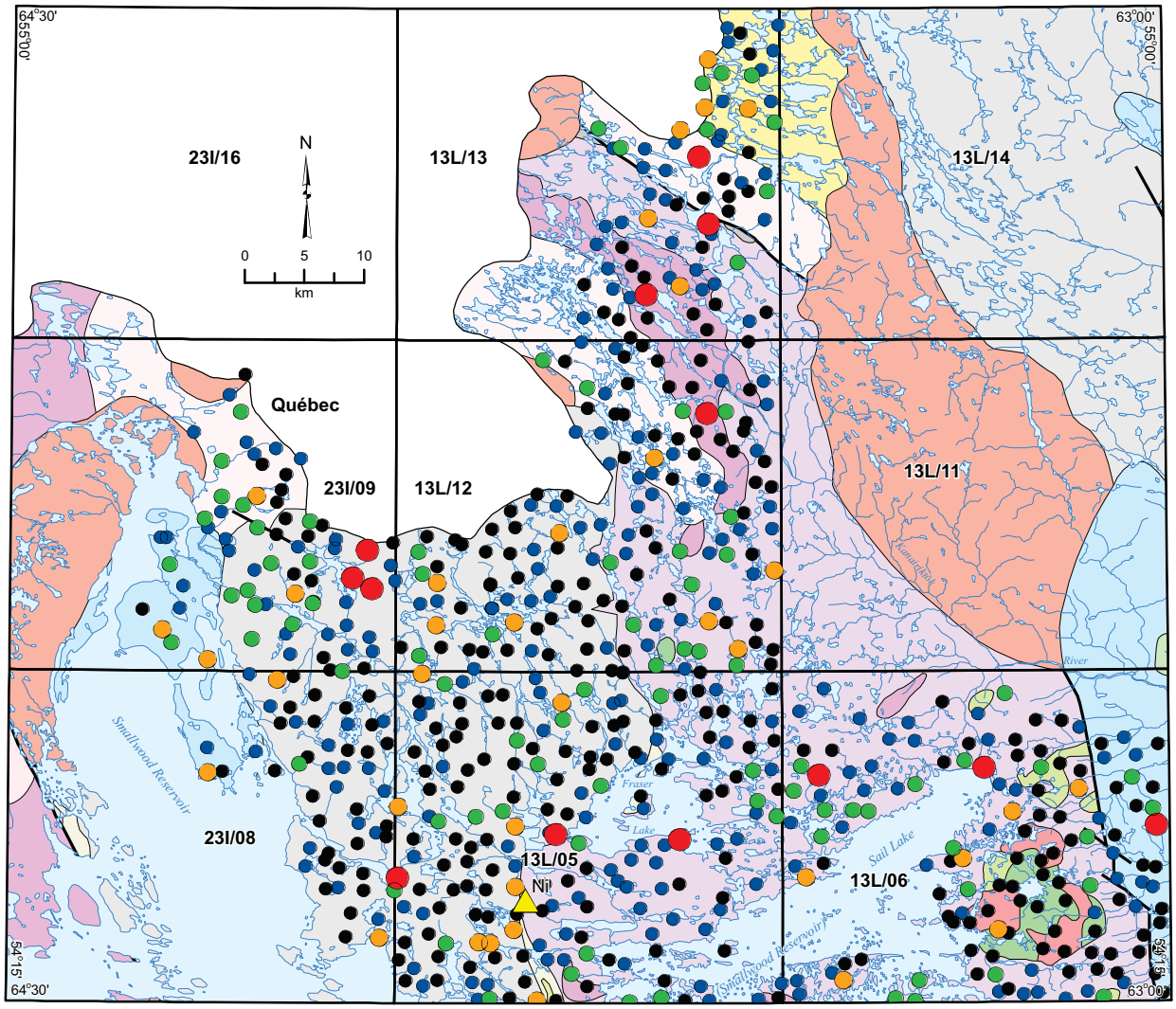
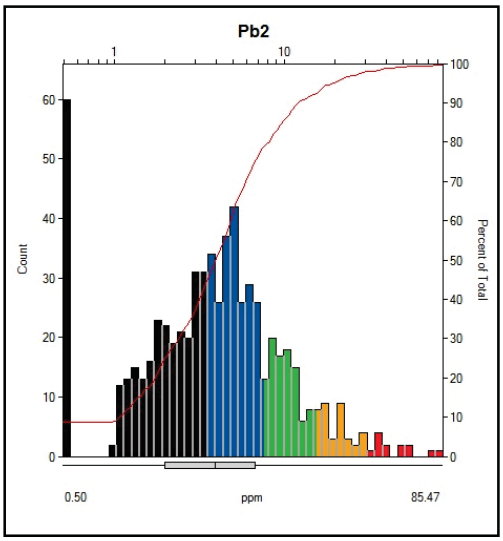



**Figure 20.** *Phosphorus (P2) in lake sediment.*




**Pb2 (ppm)**

- ≤ 3.5
- 3.6 - 7.6
- 7.7 - 15.5
- 15.6 - 30.6
- 30.7 - 85




- Mineral Occurrence
- Contact
- Fault

**Mid Mesoproterozoic**
- M2aq Arkose, quartzite
- M2mv Basalt

**Early Mesoproterozoic**
- M1a Leuconorite, leucogabbro, leucotroctolite, anorthosite
- M1g Monzonite, charnockite, granite

**Late Paleoproterozoic**
- P3ga Gabbronorite, amphibolite, mafic granulite
- P3gr Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2pmv Pillow basalt, mafic pyroclastic rocks
- P2ss Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**
- A-Pggn Granitic gneiss
- A-Psgn Pelitic gneiss

**Undivided Archean**
- Aa Anorthosite, leucogabbro
- Amv Metabasalt, metasediment, metagabbro

**Neoarchean**
- ANggn Granitic gneiss
- ANtgn Metatonalite, tonalite gneiss

**Eo-Paleoarchean**
- A-Pg Granite

**Figure 21.** *Lead (Pb2) in lake sediment.*

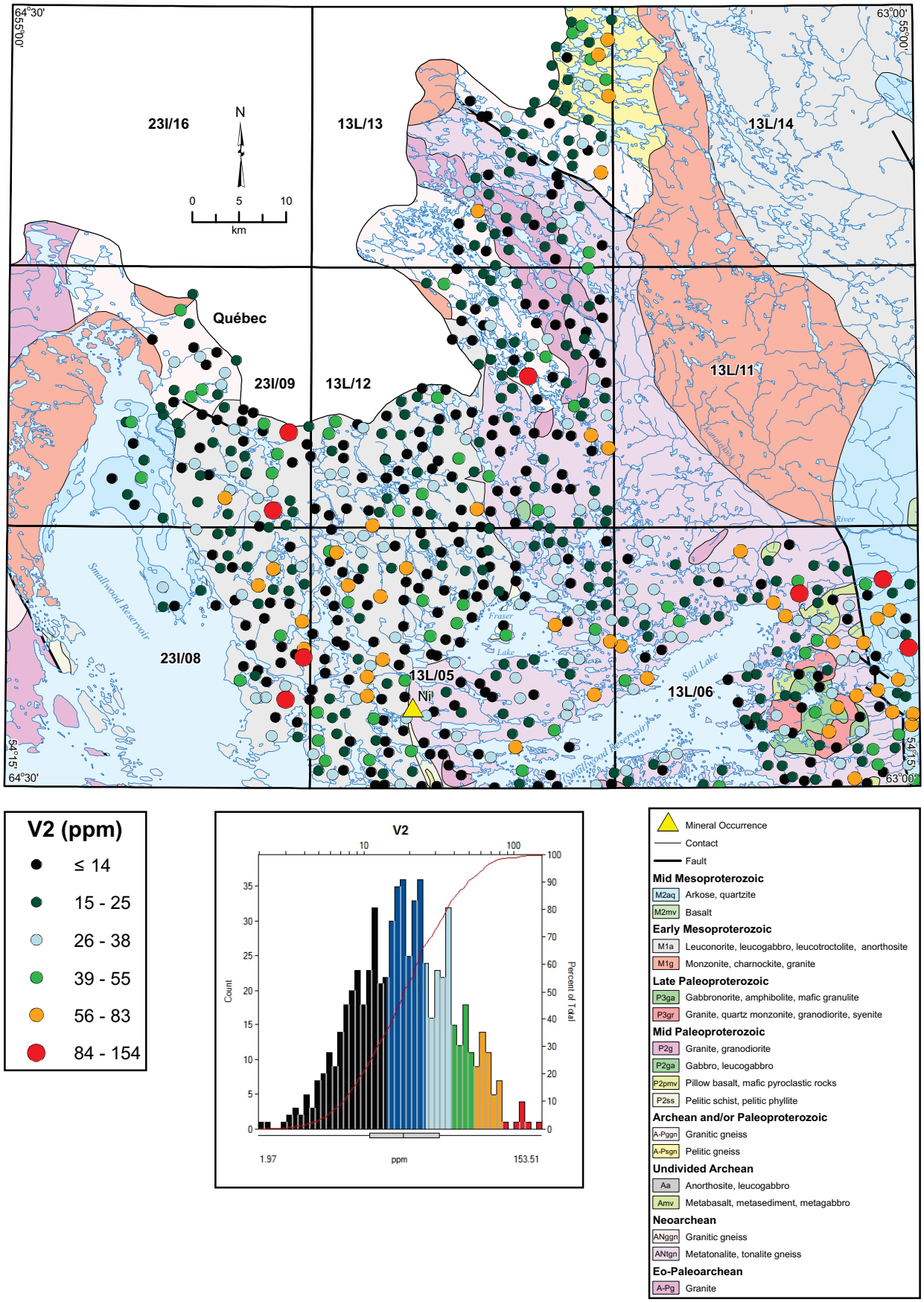



**Figure 22.** *Vanadium (V2) in lake sediment.*

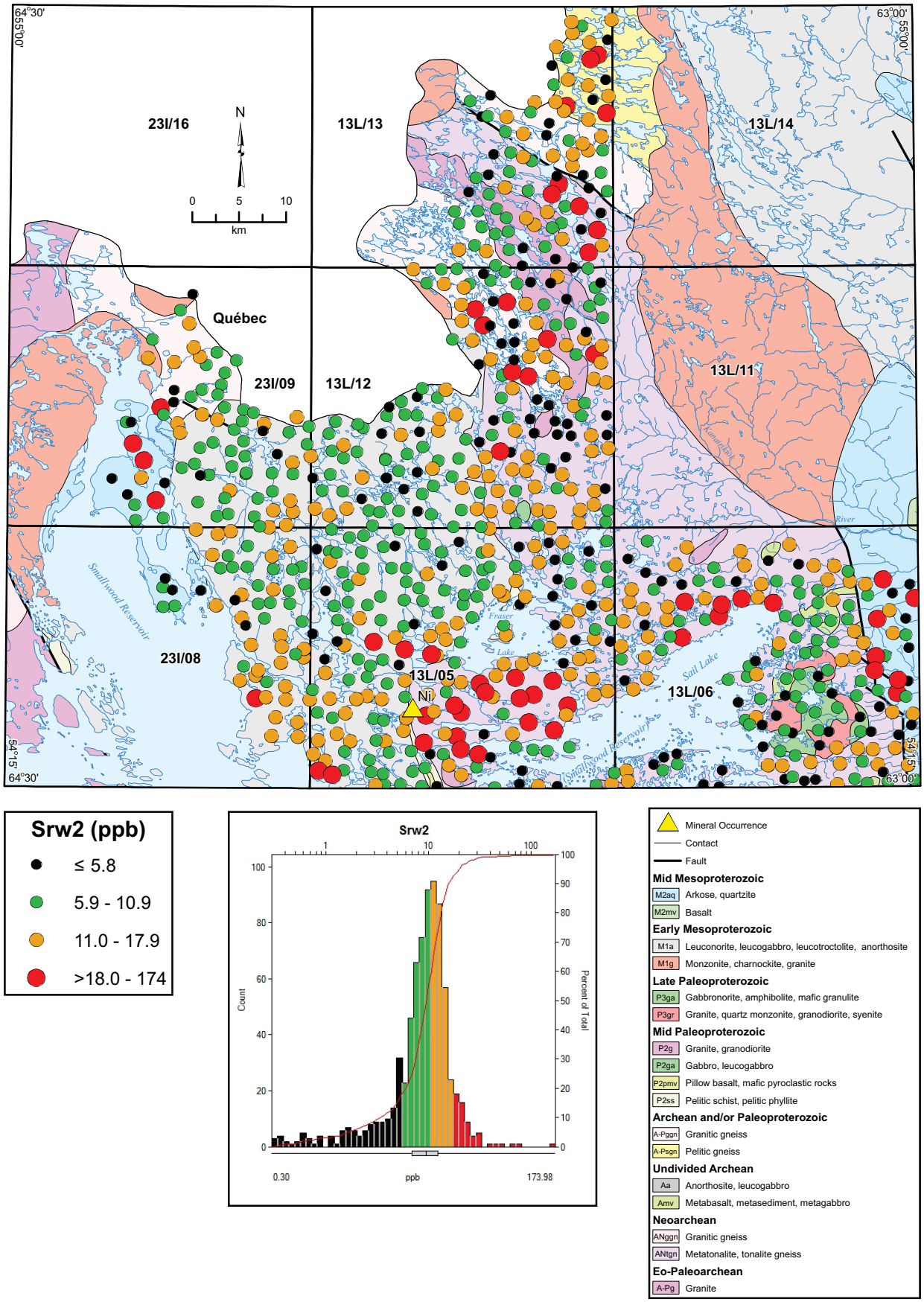



**Figure 23.** *Strontium (Srw2) in lake water.*

Higher Sr content of the water also characterizes the occurrence of mid-Mesoproterozoic arkose and quartzite of the Seal Lake Group (Unit M2aq) at the eastern (NTS map area 23I/09) and western (13L/06) extremities of the sampled area. Strontium water values are also enriched in the southeast corner of 13L/13.

***Sulphur (Sw1)***

This element is most strongly correlated with Kw1 and Siw1 (Spearman correlation coefficient 0.62 for both elements). There is a conspicuous local maximum in the northern part of NTS map area 23I/09, where a number of other elements are enriched in both sediments and waters. Most of the Michikamau Intrusion is characterized by mid-range Sw1 values, although there is a sharp contact with lower values in the northeast: a pattern that is also displayed by uranium in lake sediment. Values are much higher over the tonalitic country rock to the east of the intrusion (Figure 24). A few values in the uppermost two class intervals (red and orange symbols) are disposed mainly to the east (*i.e.*, probably down-ice) of the Fraser Lake Ni occurrence in the south of NTS map area 13L/05.

***Aluminum (Alw2)***

Aluminum displays negative (most strongly with pH, -0.55) or weak positive correlation with all of the other analyzed elements. There is a distinct zone of low Alw2 values paralleling the northwest shore of Sail Lake; this zone has distinctive geochemical characteristics in a number of elements and parameters. Elsewhere, high and low values are generally intermixed (Figure 25).

***Manganese (Mnw1)***

Manganese shows a Spearman correlation coefficient of 0.61 with Few1, and of 0.35 with Baw1. The most conspicuous concentration of values in the uppermost class interval (red symbols) is over the Michikamau Intrusion, extending from west of Fraser Lake to the Smallwood Reservoir on NTS map areas 13L/05 and 23I/08 (Figure 26).

***Fluoride (Fw9)***

Although the highest Spearman correlation coefficient of fluoride with another element is only 0.46 (Kw1), those with Conductivity, Naw1 and Caw1 are all greater than 0.40.

There is a very strong concentration of values (Figure 27) in the uppermost class interval (red symbols) in the extreme north of the sampled area on NTS map area 23I/13; indeed, almost no samples from anywhere else returned values from this interval. This suggests that despite the high concentration levels of many elements that indicate a relatively high component of clastic material in the lake sediments, a zone of bedrock enrichment in REE (for which fluoride is a well-documented pathfinder in Labrador) may also have contributed to the lake sediments and waters. A likely candidate is the 13L Intrusion some 14 km to the west, although the ground between the intrusion and the geochemical feature lies within the Province of Québec and it has not been possible to verify the existence of a dispersion train there.

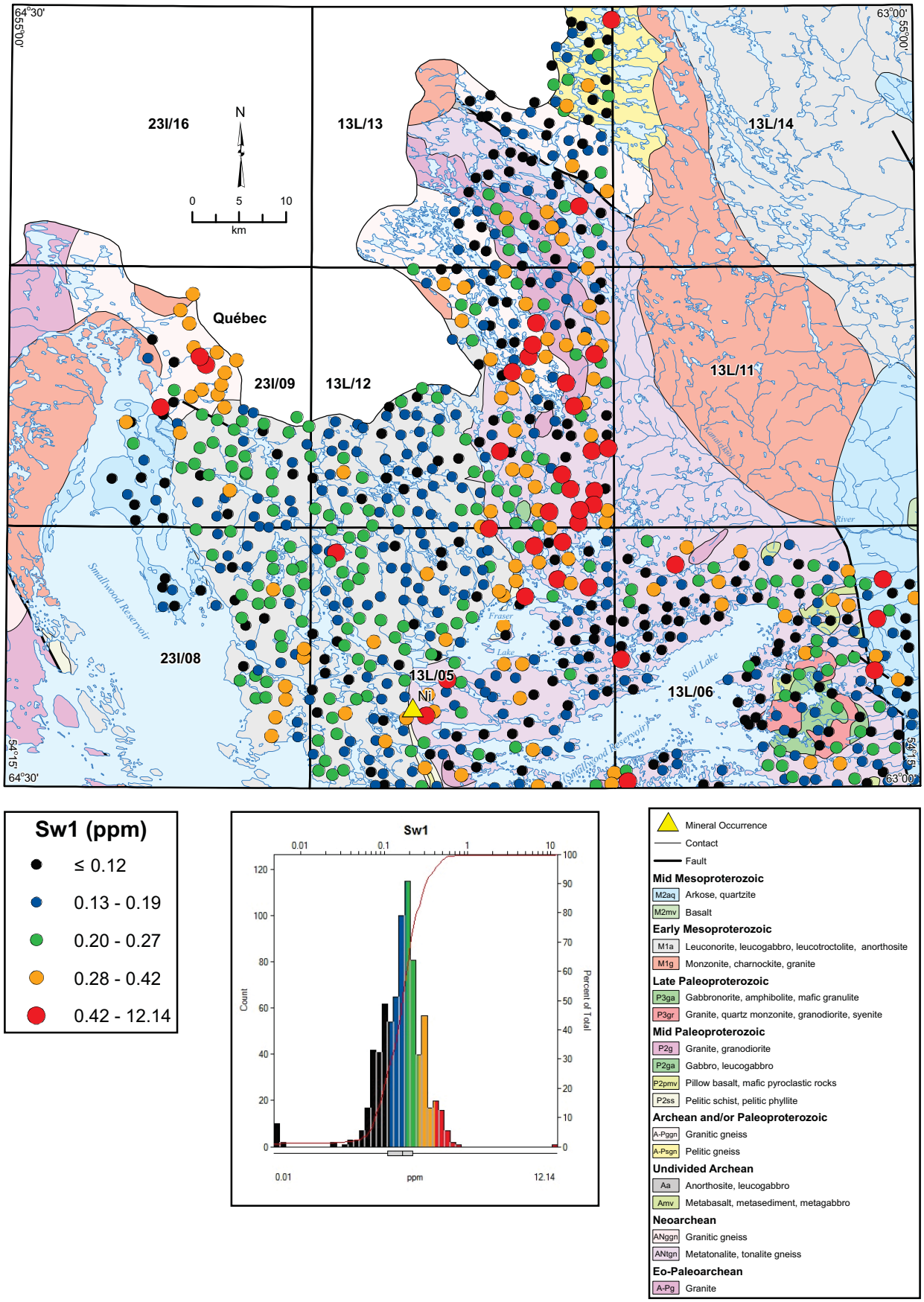



**Figure 24.** *Sulphur (Sw1) in lake water.*

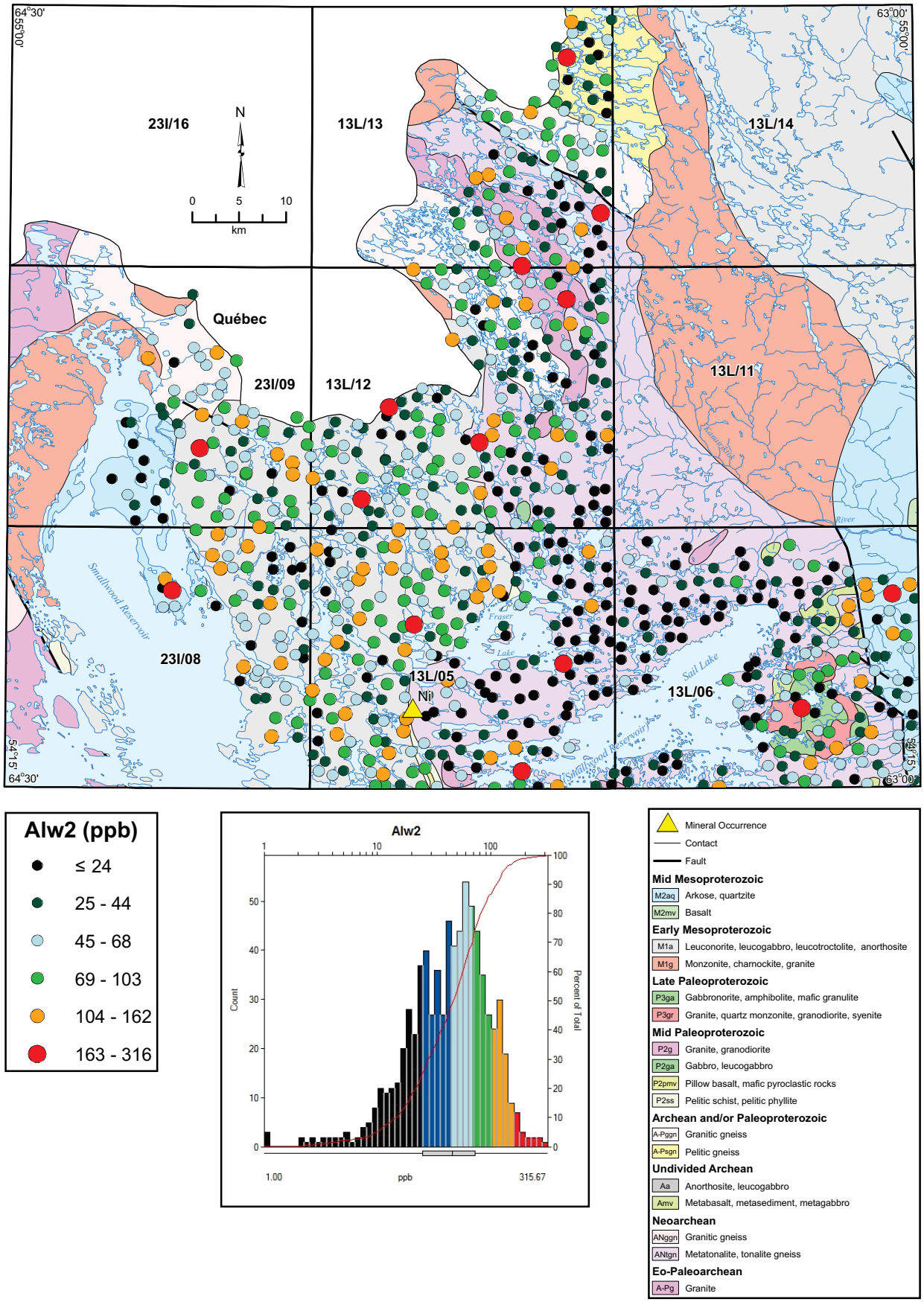



**Figure 25.** *Aluminum (Alw2) in lake water.*

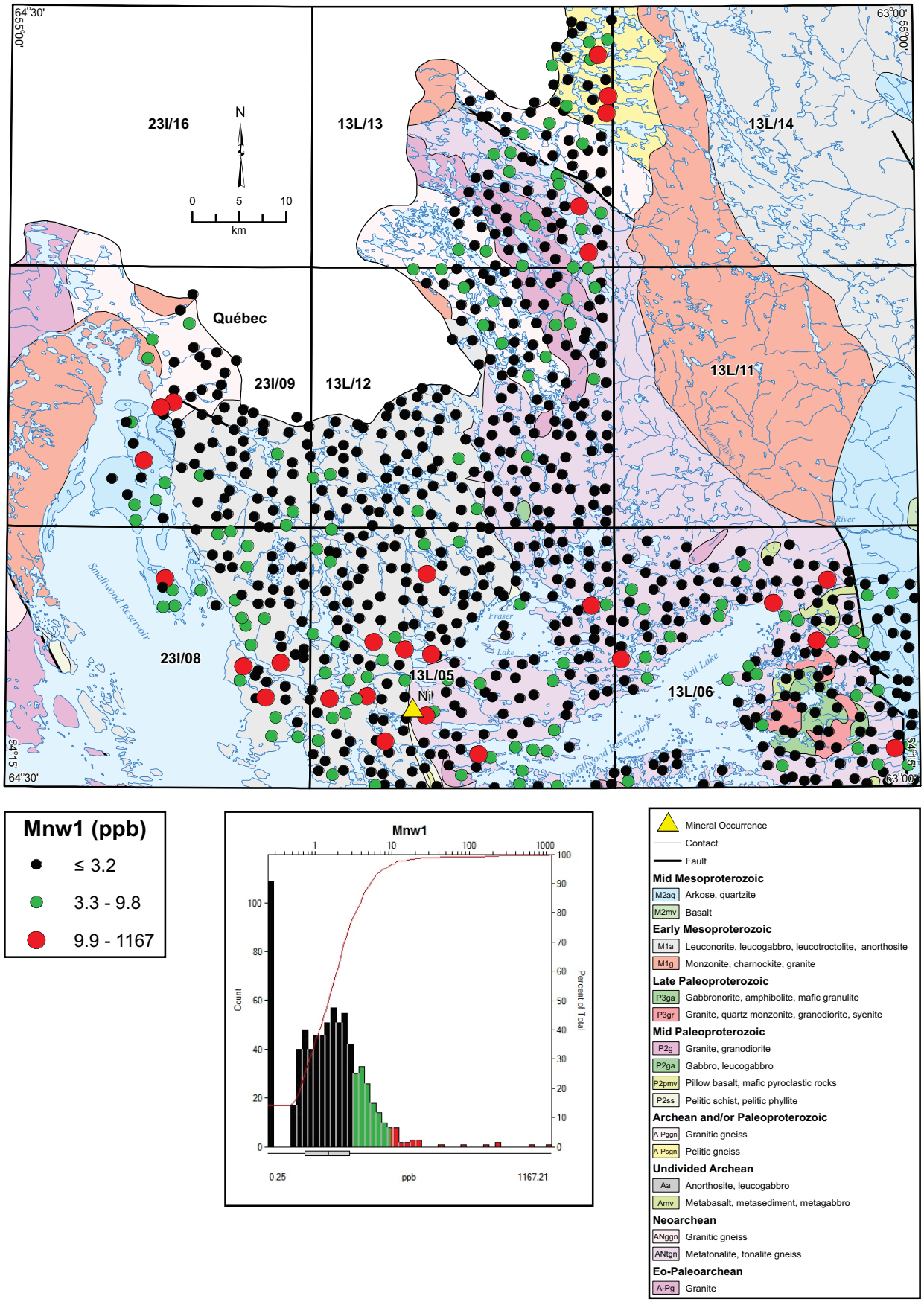



**Figure 26.** *Manganese (Mnw1) in lake water.*

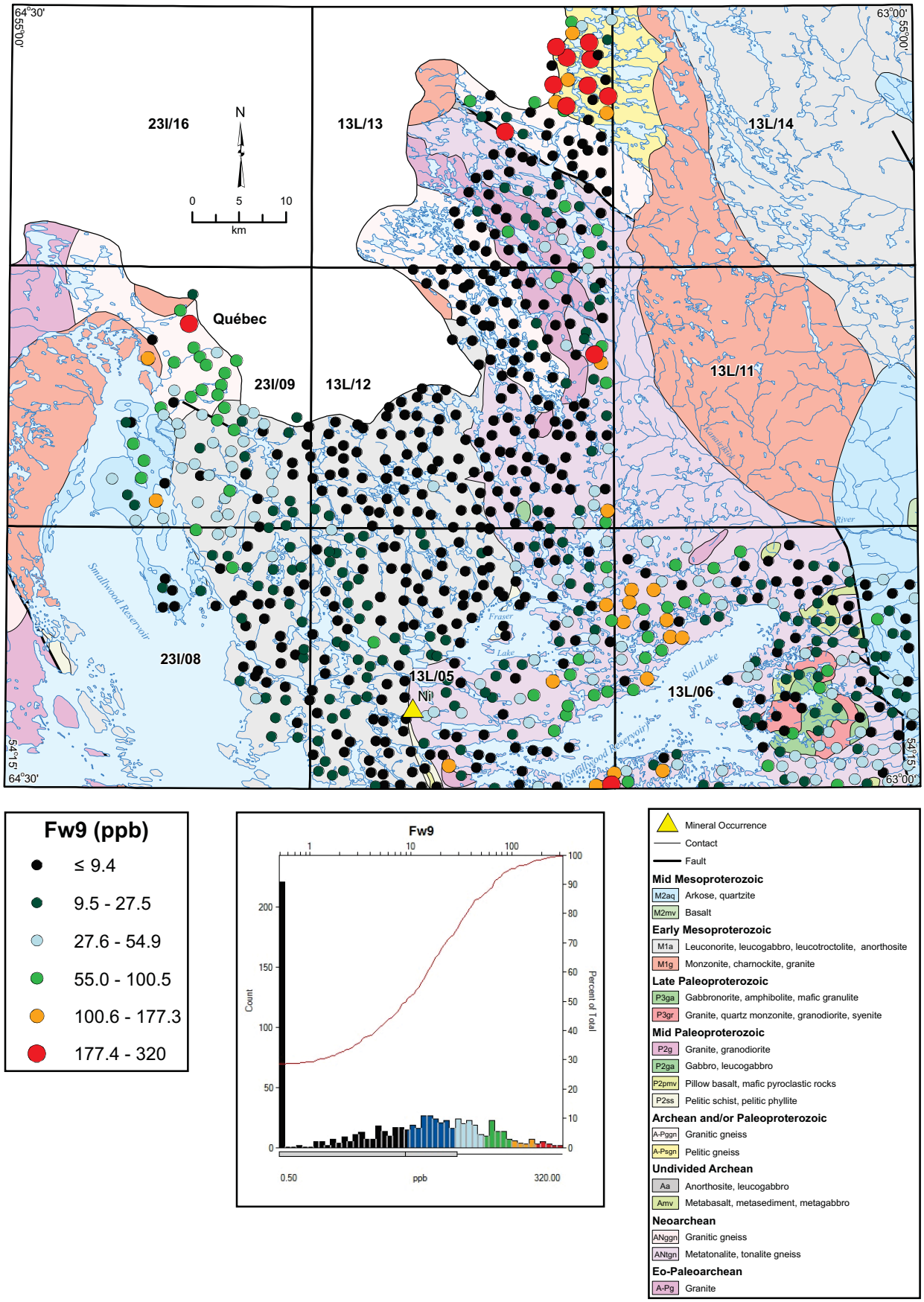



**Figure 27.** *Fluoride (Fw9) in lake water.*

Although none of the analytical values fall within the uppermost (red) class interval, there is a local Fw9 maximum on the northwest shore of Sail Lake on NTS map areas 23I/08 and 23I/09. This encircles a more focused local maximum in U and Lu in sediments, and Li and Na in waters. Another local maximum, accompanied by just one Fw9 value from the uppermost class interval, is present in the north of the sampled area on 23I/09, sandwiched between the Michikamats Intrusion to the southwest and the Labrador–Québec border to the northeast. This same group of lakes displayed high values of a number of elements suggestive of REE mineralization, in both sediments and waters.

The concentration of high REE values in the southeast corner of NTS map area 23I/09, over the Michikamau Intrusion, is not characterized by even a local maximum of Fw9 values. The response is also very subdued over the Proof Lake Complex, despite the composition of lake sediments and waters in many elements being suggestive of REE or other intrusion-related mineralization.

***Chromium (Crw2)***

In the eastern part of NTS map area 23I/08, there is a very strong concentration of Crw2 values from the uppermost two class intervals, over the Michikamau Intrusion and bounded to the west by the Smallwood Reservoir (Figure 28), although the mapped western contact of the intrusion is almost 20 km farther to the west. Values of Vw2 are also conspicuously high in this zone (Figure 97, Appendix 3). Although there is some eastward displacement (that can possibly be attributed to glacial transport), this geochemical feature corresponds spatially to a residual magnetic high (Dumont *et al.*, 2010). The Sword Far North and Juno Conductive Zone Ni–Cu–Co occurrences (*see* above) lie within its bounds.

***Lithium (Liw2)***

There are two concentrations of Liw2 values in the uppermost two (red and orange) class intervals (Figure 29). One is located in the extreme north of the sampled area on NTS map area 13L/13, in an area that shows high values of a variety of elements in both sediments (including Sr; *see* above) and waters (including Fw9). The second is in the north of NTS map area 23I/09, between the Michikamats Intrusion and the Labrador–Québec border.

***Yttrium (Yw2)***

Yttrium shows enrichment in lake waters in the southeastern corner of NTS map area 23I/09, over the Michikamau Intrusion, in an area where La2 (*see* above) and many other REE show enrichment in lake sediments (Figure 31). There are also several samples returning yttrium analyses in the uppermost (red) class interval in the north of 23I/09, in an area where La2 and other REE and rare metals, and Mo2, show enrichment in lake sediments, and Fw9, Liw2 and Uw3 (*see* below) show enrichment in the waters.

There are also local Yw2 maxima over the southern part of the Proof Lake Complex on NTS map area 13L/06, and in the extreme north of the sampled area on 13L/13.

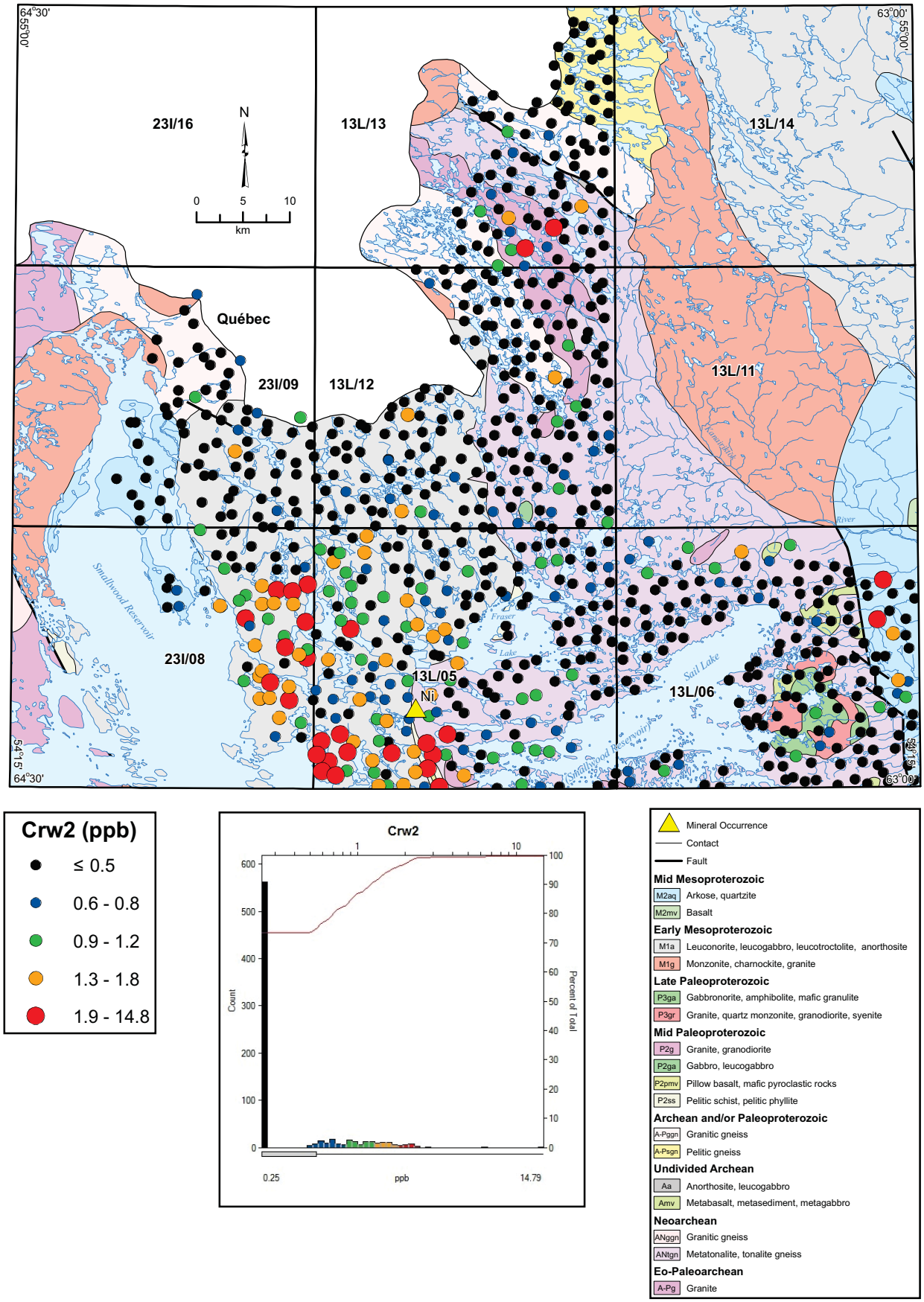



**Figure 28.** *Chromium (Crw2) in lake water.*

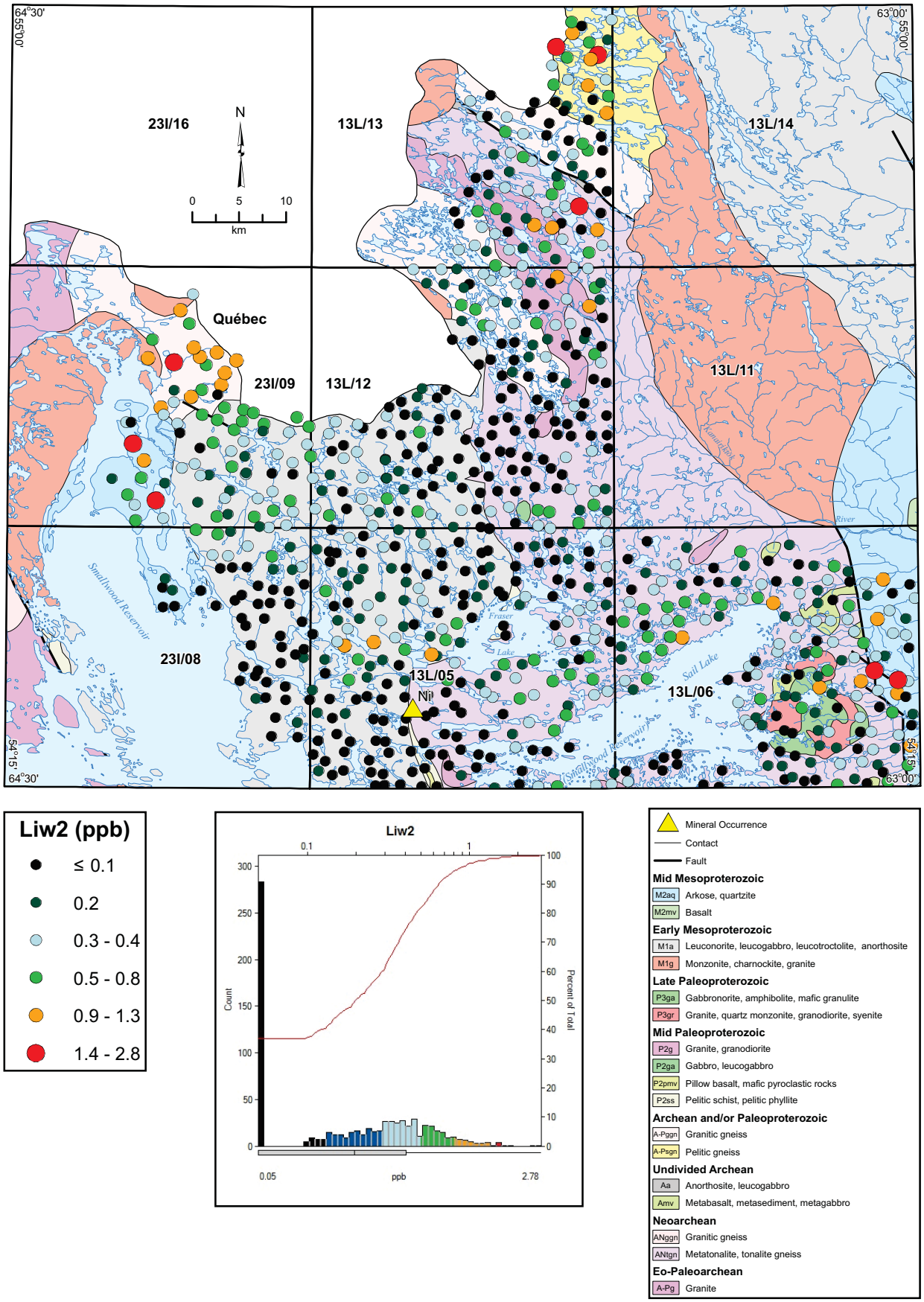



**Figure 29.** *Lithium (Liw2) in lake water.*

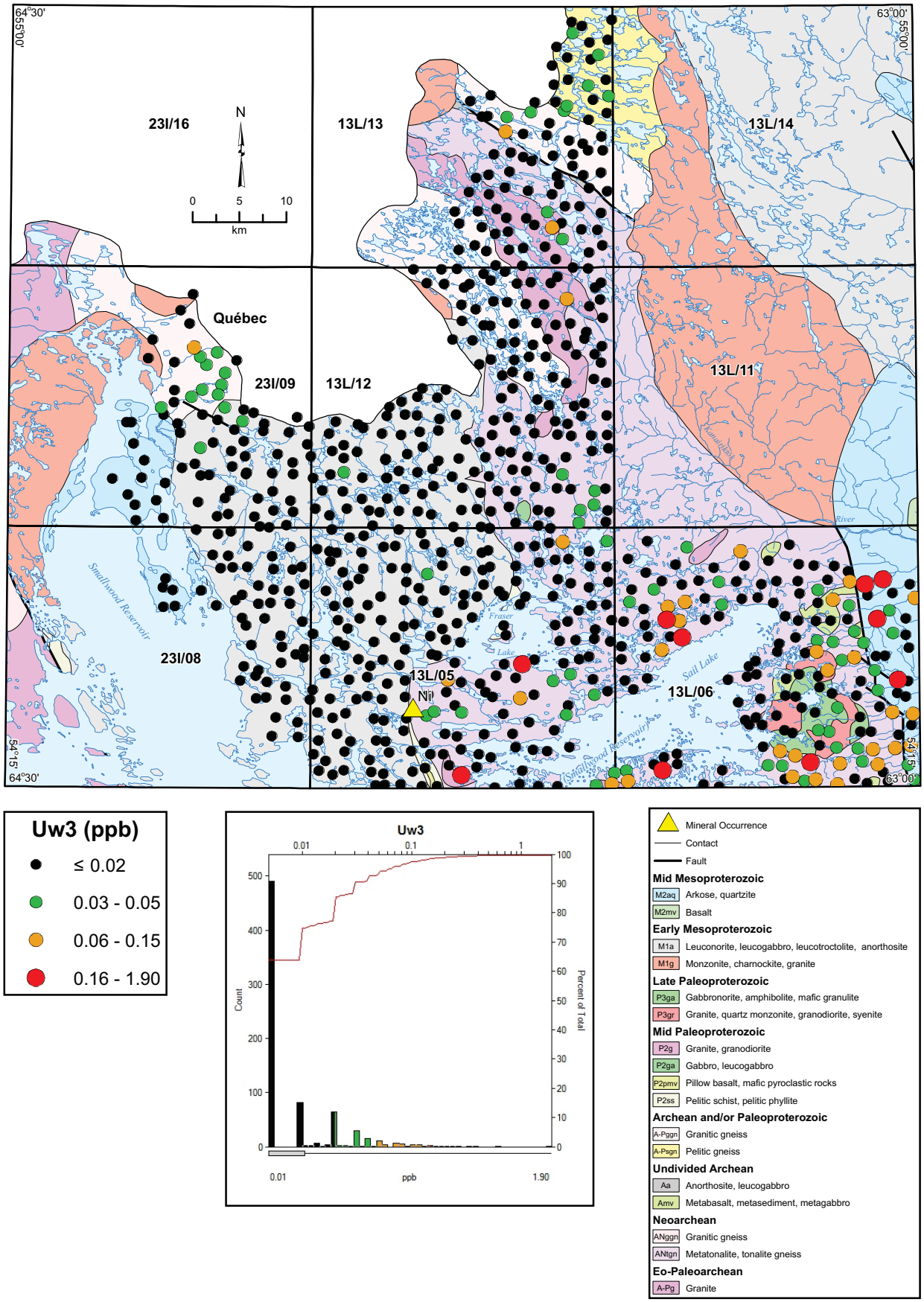



**Figure 30.** *Uranium (Uw3) in lake water.*

### *Uranium (Uw3)*

Water samples that returned U analyses in the uppermost two class intervals (red and orange symbols) are almost entirely confined to NTS map area 13L/06, in the southeast of the survey area (Figure 30). The Proof Lake Complex, and its surrounds, are characterized by a local Uw3 maximum, and there is also a concentration of enriched values on the northwest shore of Sail Lake, which coincides with similar features defined by U in sediment as well as Na and F in waters.

A local Uw3 maximum is also present in the north of NTS map area 23I/09, coincident with similar features defined by Yw2, Liw2, Fw9, Mo2 and La2 (*see* above).

## SOME IMPORTANT ANOMALIES

In this section, some of the stronger anomalies, indicated by the current study and believed to be related to bedrock enrichment, rather than environmental effects, are described. This is not intended to imply that other significant anomalies may not 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 as a whole. In general, the element associations of the anomalies are listed in decreasing order of strength. The locations of the anomalies are shown in Figure 32.

### Robin Lake Anomaly

This anomaly comprises 21 sites. One of these was sampled for water only, and of the remainder, three samples were not analyzed by INAA because of insufficient sample material. The anomaly is centred on 54º56'29"N, 63º33'24"W (54.9414ºN, 63.5567ºW) on NTS map area 13L/13, in the extreme north of the sampled area. It is characterized most strongly by Fw9, Th1, Kw1, Liw2, Be2 and Rb2; weaker responses are displayed by Y2, Yb1, Ba1, Ba2, Cr1, K2, Li2, Na2, Rb1, Sc2, Sr2, Ca2, Na1, Sc1, Al2, Nb2, Yw2, Hf1 and Mo1.

The anomaly is underlain entirely by rock type A-Psgn (Archean and/or Paleoproterozoic politic gneiss; Wardle *et al.*, 1997). An intrusion of rock type M1g (Early Mesoproterozoic monzonite, charnockite and granite), approximately circular in outcrop, termed the "13L Intrusion" by McConnell (1988), has been mapped about 18 km to the west on the Labrador–Québec border. The sinuous nature of the latter has resulted in the intervening area lying on the Québec side and not being sampled.

Many of the strongly anomalous elements are diagnostic of REE mineralization, as documented elsewhere in Labrador, of which the 13L Intrusion constitutes a plausible source. Some of the less distinctive elements (in terms of the strength of the response, and the number of anomalous and elevated samples), namely Ba, Cr, K, Li, Na, Sc, Sr, Ca, Al, Nb and Hf, are more diagnostic of lake sediment with a large component of clastic (as opposed to organic/chemical) sediment. Indeed, the three samples displaying the strongest response in these elements all have LOI contents of less than 5%, and all were described as either "clastic fine grained" or "clastic coarse grained". Thorium and beryllium have affinities both to the REE and to the elements associated

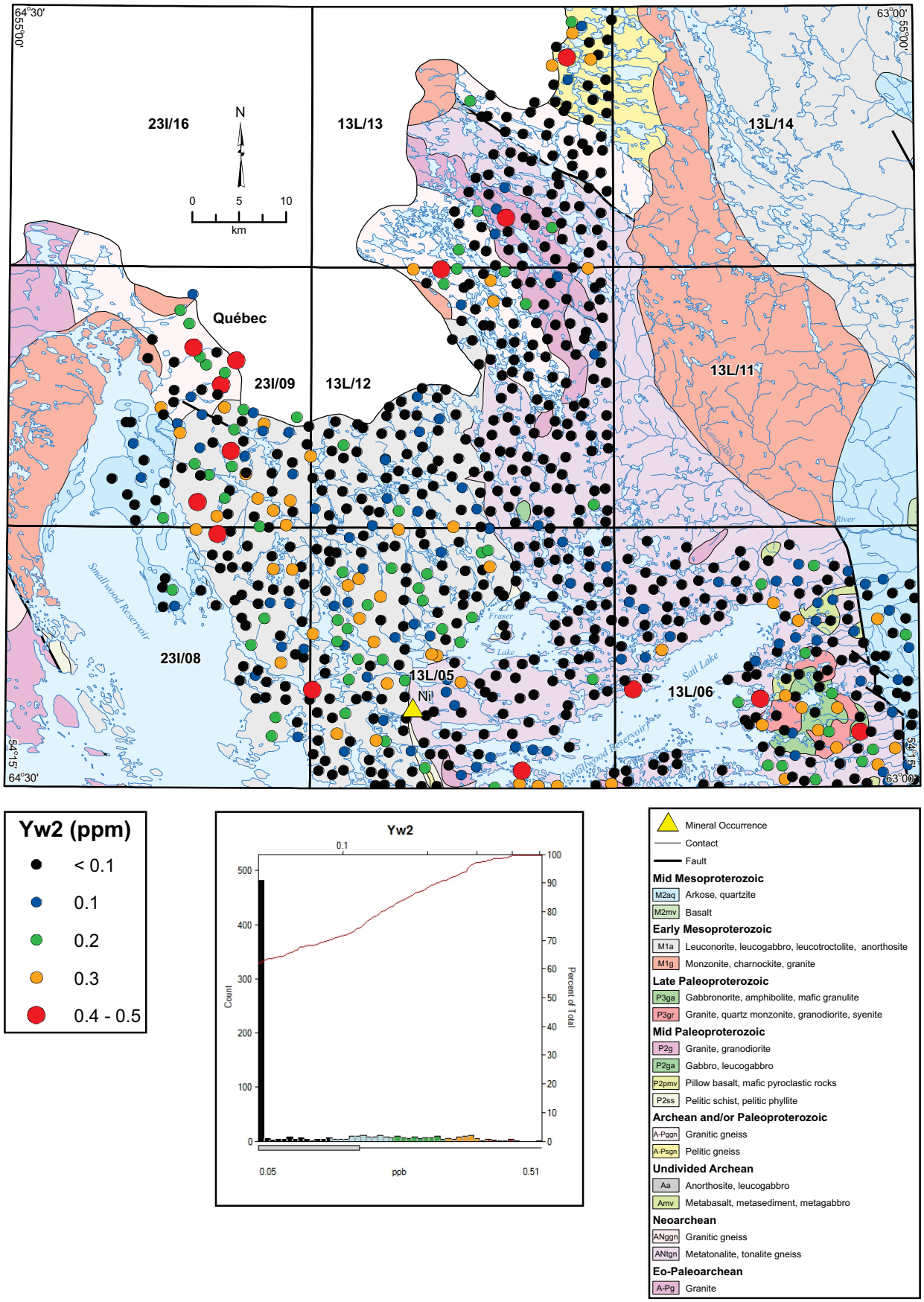
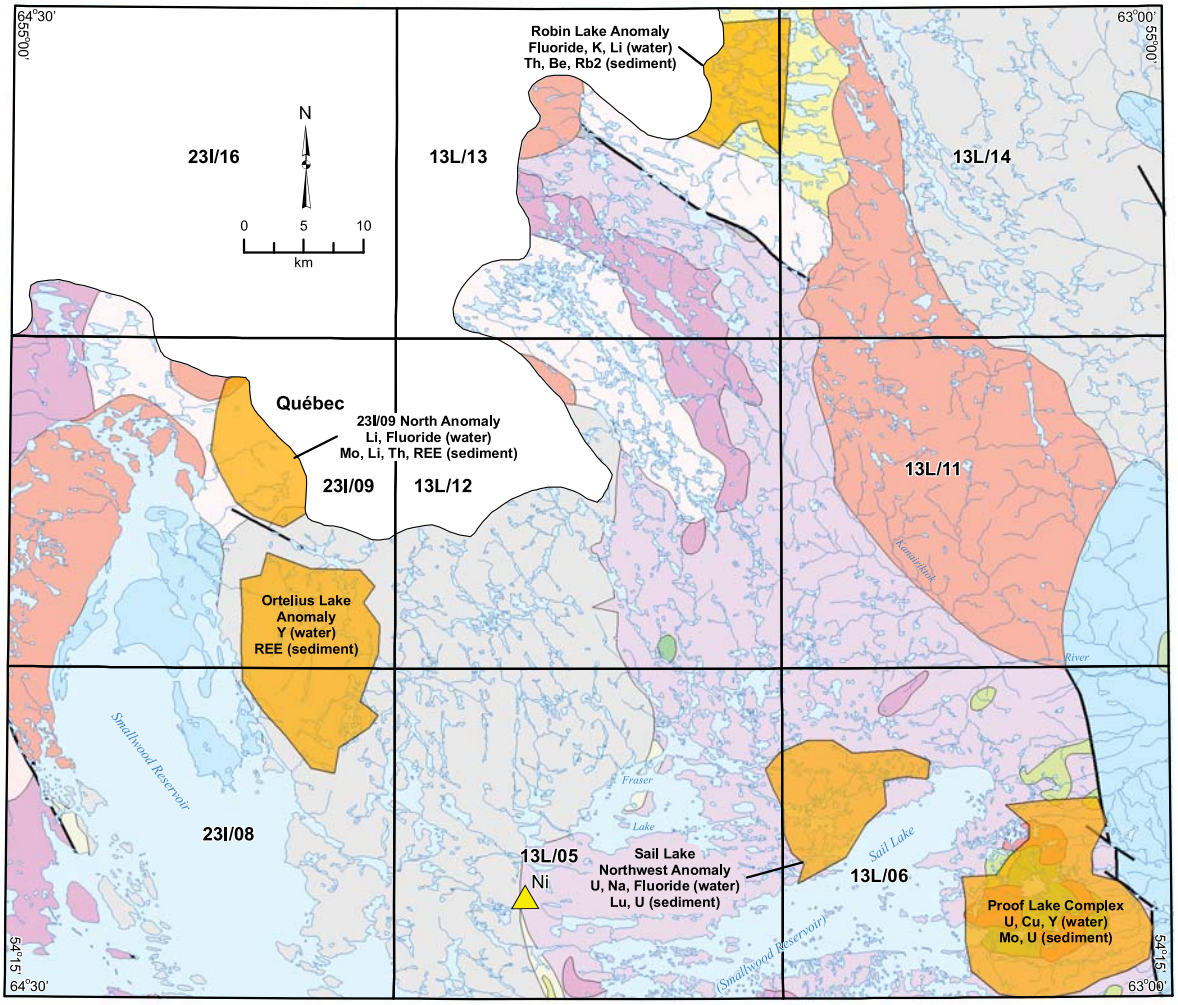



**Figure 31.** *Yttrium (Yw2) in lake water.*




**Mid Mesoproterozoic**

- M2aq — Arkose, quartzite (Seal Lake Group)
- M2mv — Basalt

**Early Mesoproterozoic**

- M1a — Leuconorite, leucogabbro, leucotroctolite, anorthosite (Michikamau Intrusion)
- M1g — Monzonite, charnockite, granite (Signal Hill Intrusion, 13L Intrusion, Michikamats Intrusion)

**Late Paleoproterozoic** (Proof Lake Complex)

- P3ga — Gabbronorite, amphibolite, mafic granulite
- P3gr — Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**

- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2pmv — Pillow basalt, mafic pyroclastic rocks
- P2ss — Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**

- A-Pggn — Granitic gneiss
- A-Psgn — Pelitic gneiss

**Undivided Archean**

- Aa — Anorthosite, leucogabbro
- Amv — Metabasalt, metasediment, metagabbro

**Neoarchean**

- ANggn — Granitic gneiss
- ANtgn — Metatonalite, tonalite gneiss

**Eo-Paleoarchean**

- A-Pg — Granite

- Anomaly
- Mineral Occurrence
- Contact
- Fault

**Figure 32.** *Significant geochemical anomalies.*

with clastic-rich sediment, which may explain why these elements' responses are particularly strong.

### Proof Lake Complex

The cluster of mostly anomalous or elevated sites over and around the Proof Lake Complex comprises 50 water samples and 45 sediment samples, of which one was not analyzed by INAA. The strongest responses are for Uw3, Mo2 and Mo1, U1, Cuw2 and Yw2. Weaker responses were recorded for Zn2, Sm1, Cu2, Dy2, Y2, Eu1, Lu1, Ce2, La2, Tb1, Ce1, La1, Th1 and Yb1.

One sample collected over the south of the intrusion (SA5101100, at 54º18'11"N, 63º8'58"W; 54.3030ºN, 63.1494ºW) is anomalous in almost all of these elements; a sample from the NGR database collected in the same lake (which is about 2.7 km from the Orma Lake Dike road) also returned anomalous or elevated values of Ce, Eu, Hg, La, Lu, Mo, Sm, Tb, Yb, Zn and F in water.

This element association is rather different to the more typical response to REE mineralization in Labrador and may represent hydrothermal or pneumatogenic mineralization of another kind.

### Ortelius Lake Anomaly

The mapped bedrock geology underlying the Ortelius Lake Anomaly consists entirely of rock type M1a (leuconorite, leucogabbro, leucotroctolite and anorthosite) of the Michikamau Intrusion (Wardle *et al.*, 1997). However, detailed magnetic data (Dumont *et al.*, 2010) suggest that the anomaly lies over the intersection of a zone of high magnetic susceptibility with a width of between 2 and 4 km, striking north-south but with a concave curvature to the east, and a much thinner feature, suggestive of a dyke, striking northwest with a concave curvature to the northeast. Therefore, the underlying geology may be at variance with most of the Michikamau Intrusion.

The anomaly is centred on 54º30'41"N, 64º6'35"W (54.5114ºN, 64.1096ºW), in the southeastern corner of NTS map area 23I/09, and comprises 41 sites, at which sediment samples were collected at 40. It is primarily a REE anomaly, with the strongest responses in Dy2, Sm1, Ce2, Tb1, La1, La2, Ce1, Y2, Yb1 and Eu1, with weaker responses in Ta1, Th1, Yw2, Be2, Lu1, Nb2, Li2, Mo2 and Mo1. The response of F in water is very weak.

The NGR data for this area, while gathered at lower sampling density, show almost no indication of the presence of a REE, Mo or fluoride anomaly.

### 23I/09 North Anomaly

Centred on 54º39'34"N, 64º10'35"W (54.6594ºN, 64.1764ºW) and underlain mostly by mapped rock type A-Pggn (Archean and/or Paleoproterozoic granitic gneiss) at the contact with the Early Mesoproterozoic "monzonite, charnockite, granite" of the Signal Hill Intrusion, this anomaly comprises 15 sites, all of which returned both water and sediment samples. The strongest responses are for Mo2, Liw2, Li2, Th1, La1, La2 and Fw9, with weaker responses in Ce1, Ce2, Mo1, Kw1, Sw1, Eu1, Tb1, Yw2, Dy2, Sm1 and Cs1.

The proximity of the Signal Hill Intrusion, as well as that of the much larger Michikamats Intrusion to the southwest, suggests that this anomaly may be related to metasomatism by one or both of these bodies, or glacial dispersion from them.

### Sail Lake Northwest Anomaly

This is a "nested anomaly". A belt of distinctive lake-water geochemistry, approximately 12 km across and not shown in Figure 32, extends for 40 km along the northwestern shore of Sail Lake, from the southwest of NTS map area 13L/05 to the north of 13L/06. As mapped, this belt is entirely underlain by tonalite and tonalitic gneiss; indeed, it terminates rather sharply at the latter's contact with the Michikamau Intrusion in the southwest. The water samples collected throughout this belt are characterized by high pH and conductivity, and low Alw2. In the southwest in particular, enrichment in Srw2, Mgw2, Few2, Caw2 are also apparent.

In the northeastern part of the belt, mostly on NTS sheet 13L/06, the more restricted Sail Lake Northwest Anomaly *per se*, centred on 54º24'20"N, 63º26'50"W (54.4055ºN, 63.4472ºW) and comprising 18 sites, of which sediment samples were collected at 15, displays anomalous or elevated values of Naw1, Fw9, Fe1 and Fe2. The bounds of this anomaly coincide closely with a surficial unit of ablation drift as mapped or interpreted by Klassen *et al.* (1992); therefore, it may not be directly related to the composition of the underlying bedrock.

However, within the latter feature above, a yet more focused anomaly is centred on 54º24'16"N, 63º24'24"W (54.4044ºN, 63.4066ºW). This anomaly comprises just five sites, at four of which sediment was collected, and the anomalous association is Uw3, U1, Naw1, Fw9 and Lu1. Lutetium is the only REE to display anomalous concentration levels, either in this anomaly or the larger one described in the previous paragraph.

The underlying geology, as mapped, consists of Neoarchean metatonalite and tonalitic gneiss (Unit ANtgn), of which there is outcrop in the vicinity of at least two of the anomalous samples (Nunn, 1993b).

## CONCLUSIONS

Lake-sediment and water data in the Fraser Lake area indicate the presence of several anomalies that are not related to known mineralization. The response to known mineral occurrences, the most significant of which consist of Ni–Cu–Co mineralization in the Early Mesoproterozoic Michikamau Intrusion, is weak and not distinctive.

The strongest element association in the lake sediments, which is dominated by Al, Ba, Ca, K, Mg, Na and Sr, as well as the potentially economic elements Cr, Li, Nb, Sc, Ti and Zr, appears to be related to the amount of inorganic clastic material in the sample. The highest values of these elements tend to be associated with samples described by the samplers as "clastic coarse-grained" or "clastic fine-grained"; however, the association is also apparent, to varying extents, in samples described as "organic ooze": a compositional type that is by far the most commonly encountered. An LOI-Br association also exists, and does not have a direct inverse relation with the "clastic"

association. The content of all of these parameters, as well as that of Fe and Mn (which correlate most strongly with Cd, Co and Zn) should be taken into account when assessing anomaly strength.

The stronger anomalies, which have strong REE affinities, are associated with the Michikamau Intrusion, as well as with Early Mesoproterozoic alkaline intrusions (the Michikamats, Signal Hill and 13L intrusions); with a Late Paleoproterozoic complex of mafic, felsic and alkaline intrusive rocks (the Proof Lake Complex); and Neoarchean metatonalite and tonalitic gneiss.

An anomaly in the extreme north of the sampled area on NTS map area 13L/13 is characterized by strong responses in lake water for F, Li and K, whereas the lake sediments show enrichment in Th1, Be2 and Rb2. The coexistent water responses to the glacial dispersion train from the 13L Intrusion, and sediment responses to a relatively high clastic component, are unusual and appear to be coincidental in this case.

There is a strong lake-water response in Cr and V within the Michikamau Intrusion on NTS map area 23I/08, bounded to the west by the Smallwood Reservoir. One known occurrence of Ni falls within the bounds of this zone

There are no significant precious-metal anomalies.

Several of the anomalies identified in the current study are unusual, inasmuch as their presence was not predictable, even in dilute form, from the less detailed sampling previously carried out under the auspices of the National Geochemical Reconnaissance (NGR) program.

The full significance of the geochemical data is not described in the report and most elemental-distribution maps, as well as detailed data listings, are confined to the appendices. This does not imply that more detailed study may not reveal other geochemical features that justify follow-up work.

## ACKNOWLEDGMENTS

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Sample preparation and analysis were carried out under the supervision of Chris Finch of the GSNL's Geochemical Laboratory. Martin Batterson and John McConnell provided detailed reviews of the manuscript, and the system for producing multiple high-quality geochemical and other maps was designed and implemented by Neil Stapleton.

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**The following page provides a guide to the variables 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 | 5 | burned |
| 2 | bog | 6 | rock and forest |
| 3 | mixed bog and forest | 7 | tundra (<25% rock) |
| 4 | barren (>25% rock) | | |

WATERLEVEL: Water Level

| | | | |
|---|---|---|---|
| 1 | high (flooding) | 3 | low |
| 2 | normal | | |

SEDCOLOUR: Sediment Colour

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

COMP: Sample Composition

| | | | |
|---|---|---|---|
| 1 | clastic, fine grained | 4 | granular organic |
| 2 | clastic, coarse grained | 5 | oroganic, peaty |
| 3 | organic ooze | | |

CONTAM: Contamination

| | | | |
|---|---|---|---|
| 0 | absent | 3 | settlement |
| 1 | road | 4 | dump |
| 2 | trenching or mine workings | 5 | other |

SITEDUP: Site Duplicate Status

| | | | |
|---|---|---|---|
| 0 | routine single sample | 2 | Second of site duplicate pair |
| 1 | First of site duplicate pair | | |

MINERALZTN: Mineralization
Element Symbols

WATERCLR: Water Colour

| | | | |
|---|---|---|---|
| 1 | colourless | 3 | brown |
| 2 | yellow | | |

WATSUSP: Suspended Matter

| | | | |
|---|---|---|---|
| 1 | light | 2 | heavy |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | 10021188 | 20 | 491112 | 6011371 | 13L/06 | 54.252167 | -63.1364167 | 0.03 | 1.0 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101072 | 10021189 | 20 | 499340 | 6011817 | 13L/06 | 54.256250 | -63.0101333 | 0.3 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101073 | -9 | 20 | 496511 | 6011646 | 13L/06 | 54.254700 | -63.0535500 | 0.06 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101074 | 10021192 | 20 | 494306 | 6011511 | 13L/06 | 54.253467 | -63.0874000 | 0.009 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101075 | 10021193 | 20 | 492965 | 6011993 | 13L/06 | 54.257783 | -63.1079833 | 0.017 | 1.0 | 3 | 2 | 7 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101076 | 10021194 | 20 | 488806 | 6011930 | 13L/06 | 54.257150 | -63.1718333 | 0.06 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101077 | 10021195 | 20 | 487589 | 6011776 | 13L/06 | 54.255733 | -63.1905000 | 0.03 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101078 | 10021196 | 20 | 486331 | 6012232 | 13L/06 | 54.259800 | -63.2098333 | 0.11 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101079 | 10021197 | 20 | 490933 | 6011334 | 13L/06 | 54.251833 | -63.1391667 | 0.03 | 1.0 | 3 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101080 | 10021198 | 20 | 485516 | 6012005 | 13L/06 | 54.257733 | -63.2223333 | 0.004 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101081 | 10021199 | 20 | 485260 | 6013420 | 13L/06 | 54.270450 | -63.2263333 | 0.017 | 1.5 | 3 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101082 | 10021201 | 20 | 483730 | 6013500 | 13L/06 | 54.271117 | -63.2498333 | 0.012 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101083 | 10021202 | 20 | 483216 | 6015482 | 13L/06 | 54.288917 | -63.2578333 | 0.03 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101084 | 10021203 | 20 | 485026 | 6014994 | 13L/06 | 54.284583 | -63.2300000 | 0.02 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101085 | -9 | 20 | 486663 | 6014492 | 13L/06 | 54.280117 | -63.2048333 | 0.4 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101086 | 10021205 | 20 | 488289 | 6013781 | 13L/06 | 54.273767 | -63.1798333 | 0.02 | 1.5 | 5 | 2 | 13 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101087 | 10021206 | 20 | 491447 | 6013592 | 13L/06 | 54.272133 | -63.1313333 | 0.009 | 6.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101088 | 10021207 | 20 | 493792 | 6013826 | 13L/06 | 54.274267 | -63.0953333 | 0.04 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101089 | 10021208 | 20 | 495463 | 6013484 | 13L/06 | 54.271217 | -63.0696667 | 0.06 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101090 | 10021209 | 20 | 496038 | 6012673 | 13L/06 | 54.263933 | -63.0608333 | 0.009 | -9 | 3 | 2 | -9 | -9 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101091 | 10021211 | 20 | 498665 | 6013369 | 13L/06 | 54.270200 | -63.0205000 | 0.03 | 1.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101092 | 10021212 | 20 | 498998 | 6015477 | 13L/06 | 54.289150 | -63.0154000 | 0.19 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101093 | 10021213 | 20 | 497335 | 6015187 | 13L/06 | 54.286533 | -63.0409333 | 0.06 | 1.5 | 5 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101094 | 10021214 | 20 | 496027 | 6012657 | 13L/06 | 54.263783 | -63.0610000 | 0.009 | 0.5 | 3 | 2 | 3 | 3 | 0 | 2 | | 1 | 2 | ANtgn |
| SA5101095 | 10021215 | 20 | 494938 | 6015072 | 13L/06 | 54.285483 | -63.0777500 | 0.5 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101096 | 10021216 | 20 | 493326 | 6015191 | 13L/06 | 54.286533 | -63.1025167 | 0.016 | 1.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101097 | 10021217 | 20 | 491042 | 6015310 | 13L/06 | 54.287567 | -63.1376000 | 0.008 | 3.5 | 6 | 2 | 13 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101098 | 10021218 | 20 | 489279 | 6015592 | 13L/06 | 54.290067 | -63.1647000 | 0.2 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101099 | -9 | 20 | 489149 | 6017167 | 13L/06 | 54.304217 | -63.1667500 | 0.015 | -9 | 4 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | P3ga |
| SA5101100 | 10021221 | 20 | 490279 | 6017023 | 13L/06 | 54.302950 | -63.1493833 | 0.3 | 8.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101101 | 10021222 | 20 | 493642 | 6016982 | 13L/06 | 54.302633 | -63.0977000 | 0.5 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | P3ga |
| SA5101102 | -9 | 20 | 494803 | 6016994 | 13L/12 | 54.302750 | -63.0798667 | 0.005 | -9 | 3 | 2 | -9 | -9 | 0 | 1 | | 1 | 2 | ANtgn |
| SA5101103 | 10021224 | 20 | 497707 | 6016630 | 13L/06 | 54.299500 | -63.0352333 | 0.03 | 4.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101104 | -9 | 20 | 446483 | 6066870 | 13L/12 | 54.748167 | -63.8314000 | 0.04 | -9 | 6 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101105 | -9 | 20 | 449435 | 6066849 | 13L/12 | 54.748283 | -63.7855333 | 0.007 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101106 | 10021227 | 20 | 451132 | 6066858 | 13L/12 | 54.748533 | -63.7591833 | 0.009 | 1.0 | 3 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101107 | 10021228 | 20 | 453935 | 6066315 | 13L/12 | 54.743917 | -63.7155500 | 0.06 | 2.0 | 3 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101108 | 10021229 | 20 | 454725 | 6065622 | 13L/12 | 54.737767 | -63.7031667 | 0.03 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101109 | 10021231 | 20 | 456250 | 6066516 | 13L/12 | 54.745933 | -63.6796167 | 0.011 | 2.0 | 5 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | A-Pggn |
| SA5101110 | 10021232 | 20 | 457487 | 6065267 | 13L/12 | 54.734817 | -63.6602333 | 0.04 | 2.0 | 5 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101111 | -9 | 20 | 458986 | 6065370 | 13L/12 | 54.735867 | -63.6369667 | 0.007 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101112 | 10021234 | 20 | 461092 | 6065242 | 13L/12 | 54.734883 | -63.6042333 | 0.009 | 5.5 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 2 | A-Pg |
| SA5101113 | -9 | 20 | 461827 | 6065928 | 13L/12 | 54.741100 | -63.5929167 | 0.015 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101114 | -9 | 20 | 463481 | 6066865 | 13L/12 | 54.749650 | -63.5673500 | 0.018 | -9 | 6 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101115 | 10021237 | 20 | 465105 | 6066773 | 13L/12 | 54.748933 | -63.5421000 | 0.04 | 1.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101116 | -9 | 20 | 466450 | 6065251 | 13L/12 | 54.735350 | -63.5210333 | 0.008 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101117 | -9 | 20 | 465857 | 6064742 | 13L/12 | 54.730733 | -63.5301833 | 0.005 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101118 | -9 | 20 | 494761 | 6016999 | 13L/12 | 54.302800 | -63.0805000 | 0.005 | -9 | 3 | 2 | -9 | -9 | 0 | 2 | | 1 | 2 | ANtgn |
| SA5101119 | 10021242 | 20 | 462794 | 6063544 | 13L/12 | 54.719750 | -63.5776000 | 0.002 | 1.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 2 | 2 | A-Pg |
| SA5101120 | 10021243 | 20 | 460368 | 6062962 | 13L/12 | 54.714333 | -63.6151667 | 0.010 | 1.5 | 6 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | A-Pg |
| SA5101121 | 10021244 | 20 | 458448 | 6063044 | 13L/12 | 54.714917 | -63.6449833 | 0.013 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101122 | -9 | 20 | 456441 | 6063274 | 13L/12 | 54.716817 | -63.6761667 | 0.010 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 2 | A-Pggn |
| SA5101123 | 10021246 | 20 | 454992 | 6063351 | 13L/12 | 54.717383 | -63.6986667 | 0.014 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 2 | A-Pggn |
| SA5101124 | -9 | 20 | 452435 | 6065267 | 13L/12 | 54.734367 | -63.7386833 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 1 | | 1 | 1 | A-Pggn |
| SA5101125 | 10021248 | 20 | 499116 | 6017640 | 13L/06 | 54.308583 | -63.0135833 | 0.2 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101126 | 10021249 | 20 | 499238 | 6018830 | 13L/06 | 54.319283 | -63.0117167 | 0.5 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101127 | 10021251 | 20 | 497057 | 6019052 | 13L/06 | 54.321267 | -63.0452500 | 0.2 | 1.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101128 | 10021252 | 20 | 495710 | 6019628 | 13L/06 | 54.326433 | -63.0659667 | 0.005 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101129 | 10021253 | 20 | 493611 | 6018568 | 13L/06 | 54.316883 | -63.0982167 | 0.002 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | P3ga |
| SA5101130 | 10021254 | 20 | 491183 | 6019571 | 13L/06 | 54.325867 | -63.1355667 | 0.16 | 5.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | P3ga |
| SA5101131 | 10021255 | 20 | 488818 | 6019083 | 13L/06 | 54.321433 | -63.1719167 | 0.06 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | P3ga |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | 10021256 | 20 | 486381 | 6016957 | 13L/06 | 54.302267 | -63.2092833 | 0.001 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | P3gr |
| SA5101133 | 10021257 | 20 | 485544 | 6017230 | 13L/06 | 54.304700 | -63.2221500 | 0.008 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101134 | -9 | 20 | 452417 | 6065414 | 13L/12 | 54.735683 | -63.7389833 | 0.02 | 1.0 | 3 | 2 | -9 | -9 | 0 | 2 | | 1 | 1 | A-Pggn |
| SA5101135 | 10021259 | 20 | 484720 | 6018793 | 13L/06 | 54.318717 | -63.2349000 | 0.3 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101136 | 10021261 | 20 | 483173 | 6017817 | 13L/06 | 54.309900 | -63.2586167 | 0.003 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 3 | 2 | P3gr |
| SA5101137 | 10021262 | 20 | 482505 | 6018656 | 13L/06 | 54.317417 | -63.2689333 | 0.012 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101138 | 10021263 | 20 | 481787 | 6017891 | 13L/06 | 54.310517 | -63.2799333 | 0.007 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 2 | ANtgn |
| SA5101139 | 10021264 | 20 | 481374 | 6018386 | 13L/06 | 54.314950 | -63.2863000 | 0.016 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101140 | 10021265 | 20 | 480617 | 6020279 | 13L/06 | 54.331933 | -63.2980667 | 0.004 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101141 | 10021266 | 20 | 483001 | 6020642 | 13L/06 | 54.335283 | -63.2614333 | 0.10 | 1.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101142 | 10021267 | 20 | 485660 | 6020906 | 13L/06 | 54.337733 | -63.2205500 | 0.6 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101143 | 10021268 | 20 | 486777 | 6020826 | 13L/06 | 54.337050 | -63.2033667 | 0.008 | 1.5 | 3 | 2 | 3 | 3 | 1 | 0 | | 1 | 1 | P3ga |
| SA5101144 | 10021269 | 20 | 487401 | 6019645 | 13L/06 | 54.326450 | -63.1937167 | 0.012 | 1.0 | 7 | 2 | 3 | 3 | 0 | 0 | | 3 | 2 | P3gr |
| SA5101145 | 10021271 | 20 | 489321 | 6021780 | 13L/06 | 54.345683 | -63.1642667 | 0.02 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P3ga |
| SA5101146 | 10021272 | 20 | 490629 | 6021124 | 13L/06 | 54.339817 | -63.1441333 | 0.4 | 1.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | P3ga |
| SA5101147 | 10021273 | 20 | 493250 | 6020857 | 13L/06 | 54.337450 | -63.1038167 | 0.05 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101148 | 10021274 | 20 | 495524 | 6021375 | 13L/06 | 54.342133 | -63.0688500 | 0.03 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101149 | 10021275 | 20 | 497621 | 6021101 | 13L/06 | 54.339683 | -63.0365833 | 0.017 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101150 | 10021276 | 20 | 482974 | 6020544 | 13L/06 | 54.334400 | -63.2618333 | 0.10 | 1.0 | 3 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101151 | 10021277 | 20 | 467910 | 6093293 | 13L/13 | 54.987433 | -63.5014833 | 0.05 | 2.0 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | A-Psgn |
| SA5101152 | 10021278 | 20 | 464730 | 6092671 | 13L/13 | 54.981633 | -63.5511000 | 0.9 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101153 | 10021279 | 20 | 463625 | 6093096 | 13L/13 | 54.985367 | -63.5684167 | 0.008 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | A-Psgn |
| SA5101154 | 10021281 | 20 | 463716 | 6091943 | 13L/13 | 54.975017 | -63.5668500 | 0.03 | 1.5 | 3 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101155 | 10021282 | 20 | 461981 | 6090475 | 13L/13 | 54.961700 | -63.5937500 | 0.10 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101156 | 10021283 | 20 | 465534 | 6090923 | 13L/13 | 54.965983 | -63.5383167 | 0.03 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101157 | 10021284 | 20 | 467476 | 6091165 | 13L/13 | 54.968283 | -63.5080167 | 0.02 | 0.5 | 3 | 2 | 3 | 2 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101158 | 10021285 | 20 | 466439 | 6089553 | 13L/13 | 54.953733 | -63.5240333 | 0.04 | 1.0 | 3 | 2 | 3 | 2 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101159 | 10021286 | 20 | 465622 | 6089090 | 13L/13 | 54.949517 | -63.5367333 | 0.03 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101160 | -9 | 20 | 467748 | 6093275 | 13L/13 | 54.987267 | -63.5040167 | 0.05 | -9 | 3 | 2 | -9 | -9 | 0 | 2 | | 1 | 1 | A-Psgn |
| SA5101161 | 10021288 | 20 | 463118 | 6089307 | 13L/13 | 54.951283 | -63.5758500 | 0.008 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | A-Psgn |
| SA5101162 | 10021289 | 20 | 461524 | 6088491 | 13L/13 | 54.943833 | -63.6006333 | 0.015 | 1.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | A-Psgn |
| SA5101163 | 10021291 | 20 | 461660 | 6086457 | 13L/13 | 54.925567 | -63.5982333 | 0.16 | 1.5 | 7 | 3 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101164 | 10021292 | 20 | 463172 | 6086949 | 13L/13 | 54.930100 | -63.5747000 | 0.05 | 1.5 | 7 | 3 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101165 | 10021293 | 20 | 465341 | 6086334 | 13L/13 | 54.924733 | -63.5407833 | 0.13 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101166 | 10021294 | 20 | 461333 | 6088470 | 13L/13 | 54.943633 | -63.6036000 | 0.015 | 0.5 | 3 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | A-Psgn |
| SA5101167 | 10021295 | 20 | 467226 | 6086901 | 13L/13 | 54.929950 | -63.5114333 | 0.011 | 1.0 | 7 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101168 | 10021296 | 20 | 498532 | 6020692 | 13L/06 | 54.336017 | -63.0225833 | 0.011 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101169 | 10021297 | 20 | 498777 | 6022361 | 13L/06 | 54.351017 | -63.0188167 | 0.09 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 2 | M2aq |
| SA5101170 | 10021298 | 20 | 497713 | 6022514 | 13L/06 | 54.352383 | -63.0351833 | 0.06 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101171 | 10021299 | 20 | 495216 | 6023512 | 13L/06 | 54.361333 | -63.0736167 | 0.04 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101172 | -9 | 20 | 493754 | 6022415 | 13L/06 | 54.351467 | -63.0961000 | 0.015 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101173 | 10021302 | 20 | 490218 | 6023583 | 13L/06 | 54.361900 | -63.1505333 | 0.08 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101174 | 10021303 | 20 | 489204 | 6022977 | 13L/06 | 54.356433 | -63.1661167 | 0.008 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | P3gr |
| SA5101175 | 10021304 | 20 | 487186 | 6023197 | 13L/06 | 54.358367 | -63.1971833 | 0.010 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101176 | -9 | 20 | 485762 | 6022737 | 13L/06 | 54.354200 | -63.2190667 | 0.05 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | Amv |
| SA5101177 | 10021306 | 20 | 481804 | 6024090 | 13L/06 | 54.366233 | -63.2800500 | 0.06 | 1.5 | 3 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101178 | 10021307 | 20 | 481592 | 6023029 | 13L/06 | 54.356683 | -63.2832500 | 0.13 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101179 | 10021308 | 20 | 479566 | 6022681 | 13L/06 | 54.353483 | -63.3144000 | 0.001 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101180 | 10021309 | 20 | 482632 | 6023217 | 13L/06 | 54.358417 | -63.2672500 | 0.02 | 0.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101181 | -9 | 20 | 482537 | 6024666 | 13L/06 | 54.371433 | -63.2688000 | 231 | 0.5 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101182 | 10021312 | 20 | 484876 | 6025650 | 13L/06 | 54.380350 | -63.2328500 | 0.005 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101183 | -9 | 20 | 485061 | 6026471 | 13L/06 | 54.387733 | -63.2300333 | 0.03 | -9 | 3 | 2 | -9 | -9 | 5 | 0 | | 1 | 1 | ANtgn |
| SA5101184 | 10021314 | 20 | 486845 | 6027140 | 13L/06 | 54.393800 | -63.2026000 | 0.06 | 2.0 | 3 | 2 | 4 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101185 | 10021315 | 20 | 487862 | 6025457 | 13L/06 | 54.378700 | -63.1868667 | 0.03 | 1.0 | 3 | 2 | -9 | -9 | 1 | 0 | | 1 | 1 | P3gr |
| SA5101186 | -9 | 20 | 489054 | 6025605 | 13L/06 | 54.380050 | -63.1685167 | 0.5 | 2.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | P3gr |
| SA5101187 | 10021317 | 20 | 489105 | 6026769 | 13L/06 | 54.390517 | -63.1677833 | 0.06 | 1.5 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101188 | 10021318 | 20 | 490790 | 6026623 | 13L/06 | 54.389233 | -63.1418333 | 0.07 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101189 | 10021319 | 20 | 491755 | 6024664 | 13L/06 | 54.371650 | -63.1269167 | 0.010 | 1.5 | 3 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101190 | 10021321 | 20 | 493058 | 6024929 | 13L/06 | 54.374050 | -63.1068667 | 0.003 | 0.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101191 | 10021322 | 20 | 495409 | 6025058 | 13L/06 | 54.375233 | -63.0706667 | 0.016 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101192 | -9 | 20 | 496348 | 6025079 | 13L/06 | 54.375433 | -63.0562167 | 0.5 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M2aq |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | 10021324 | 20 | 498903 | 6025888 | 13L/06 | 54.382717 | -63.0168833 | 0.14 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101194 | 10021325 | 20 | 498575 | 6027296 | 13L/06 | 54.395367 | -63.0219500 | 0.3 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101195 | 10021326 | 20 | 497223 | 6027504 | 13L/06 | 54.397233 | -63.0427667 | 0.03 | 1.0 | 3 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101196 | 10021327 | 20 | 494085 | 6026489 | 13L/06 | 54.388083 | -63.0910833 | 0.02 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101197 | 10021328 | 20 | 486739 | 6027215 | 13L/06 | 54.394467 | -63.2042333 | 0.06 | 1.5 | 3 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101198 | -9 | 20 | 493099 | 6027716 | 13L/06 | 54.399100 | -63.1063000 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | Amv |
| SA5101199 | 10021331 | 20 | 492374 | 6028999 | 13L/06 | 54.410617 | -63.1175000 | 0.006 | 1.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101200 | -9 | 20 | 490577 | 6028897 | 13L/06 | 54.409667 | -63.1451833 | 0.2 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101201 | 10021333 | 20 | 489031 | 6028872 | 13L/06 | 54.409417 | -63.1690000 | 0.03 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101202 | 10021334 | 20 | 487109 | 6028922 | 13L/06 | 54.409817 | -63.1986167 | 0.03 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101203 | 10021335 | 20 | 485738 | 6029429 | 13L/06 | 54.414333 | -63.2197500 | 0.08 | 3.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101204 | 10021336 | 20 | 484485 | 6030870 | 13L/06 | 54.427250 | -63.2391333 | 0.13 | 2.0 | 3 | 2 | 3 | 3 | 1 | 1 | | 1 | 1 | ANtgn |
| SA5101205 | 10021337 | 20 | 482822 | 6031460 | 13L/06 | 54.432500 | -63.2648000 | 0.007 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101206 | 10021338 | 20 | 481148 | 6031303 | 13L/06 | 54.431033 | -63.2906000 | 0.03 | 1.0 | 2 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101207 | -9 | 20 | 478981 | 6030729 | 13L/06 | 54.425783 | -63.3239667 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101208 | 10021341 | 20 | 478685 | 6029506 | 13L/06 | 54.414783 | -63.3284333 | 0.008 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101209 | 10021342 | 20 | 477213 | 6029137 | 13L/06 | 54.411400 | -63.3510833 | 0.02 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101210 | 10021343 | 20 | 474715 | 6027236 | 13L/06 | 54.394200 | -63.3894167 | 0.008 | 0.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101211 | 10021344 | 20 | 473466 | 6027345 | 13L/06 | 54.395117 | -63.4086667 | 0.013 | 0.5 | 3 | 3 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101212 | 10021345 | 20 | 472537 | 6025950 | 13L/06 | 54.382533 | -63.4228333 | 0.013 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101213 | 10021346 | 20 | 470774 | 6025179 | 13L/06 | 54.375500 | -63.4499000 | 0.016 | 0.5 | 2 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101214 | 10021347 | 20 | 470931 | 6022928 | 13L/06 | 54.355283 | -63.4472667 | 0.02 | 0.5 | 3 | 2 | 2 | 1 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101215 | 10021348 | 20 | 469454 | 6021775 | 13L/06 | 54.344833 | -63.4698833 | 0.019 | 0.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101216 | 10021349 | 20 | 468581 | 6022727 | 13L/06 | 54.353333 | -63.4834000 | 0.02 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101217 | -9 | 20 | 468217 | 6025003 | 13L/06 | 54.373767 | -63.4892500 | 0.04 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101218 | 10021352 | 20 | 468235 | 6026395 | 13L/06 | 54.386283 | -63.4891167 | 0.010 | 0.5 | 3 | 2 | 2 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101219 | -9 | 20 | 484450 | 6030766 | 13L/06 | 54.426317 | -63.2396667 | 0.13 | -9 | 3 | 2 | -9 | -9 | 1 | 2 | | 1 | 1 | ANtgn |
| SA5101220 | 10021354 | 20 | 468499 | 6029021 | 13L/06 | 54.409900 | -63.4853333 | 0.02 | 0.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101221 | 10021355 | 20 | 471083 | 6027404 | 13L/06 | 54.395517 | -63.4453667 | 0.015 | 0.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101222 | 10021356 | 20 | 470788 | 6028622 | 13L/06 | 54.406450 | -63.4500333 | 0.007 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101223 | -9 | 20 | 473113 | 6029150 | 13L/06 | 54.411317 | -63.4142667 | 0.04 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101224 | 10021358 | 20 | 474442 | 6029005 | 13L/06 | 54.410083 | -63.3937667 | 0.02 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101225 | -9 | 20 | 477204 | 6031427 | 13L/06 | 54.431983 | -63.3514000 | 0.03 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101226 | 10021361 | 20 | 475041 | 6031041 | 13L/06 | 54.428417 | -63.3847167 | 0.04 | 2.5 | 4 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101227 | 10021362 | 20 | 473221 | 6030523 | 13L/06 | 54.423667 | -63.4127167 | 0.06 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101228 | 10021363 | 20 | 470653 | 6030335 | 13L/06 | 54.421833 | -63.4522833 | 0.011 | 0.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101229 | 10021364 | 20 | 469148 | 6031115 | 13L/06 | 54.428750 | -63.4755500 | 0.04 | 0.5 | 2 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101230 | 10021365 | 20 | 469371 | 6032448 | 13L/06 | 54.440750 | -63.4722500 | 0.04 | 1.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101231 | 10021366 | 20 | 469306 | 6032465 | 13L/06 | 54.440900 | -63.4732500 | 0.04 | 1.5 | 3 | 2 | 4 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101232 | 10021367 | 20 | 471756 | 6032420 | 13L/06 | 54.440633 | -63.4354833 | 0.07 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101233 | -9 | 20 | 472617 | 6033294 | 13L/06 | 54.448533 | -63.4222833 | 0.05 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101234 | -9 | 20 | 474730 | 6032888 | 13L/06 | 54.445000 | -63.3896667 | 0.03 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101235 | 10021371 | 20 | 476558 | 6033298 | 13L/06 | 54.448767 | -63.3615167 | 0.03 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101236 | 10021372 | 20 | 478703 | 6033161 | 13L/06 | 54.447633 | -63.3284167 | 0.03 | 2.0 | 1 | 2 | 5 | 3 | 3 | 0 | | 1 | 1 | ANtgn |
| SA5101237 | -9 | 20 | 480598 | 6033190 | 13L/06 | 54.447967 | -63.2992000 | 0.013 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101238 | 10021374 | 20 | 483221 | 6032855 | 13L/06 | 54.445050 | -63.2587333 | 0.016 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101239 | 10021375 | 20 | 484834 | 6033176 | 13L/06 | 54.447983 | -63.2338833 | 0.009 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101240 | 10021376 | 20 | 487118 | 6033130 | 13L/06 | 54.447633 | -63.1986500 | 0.2 | 3.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101241 | 10021377 | 20 | 487307 | 6031803 | 13L/06 | 54.435717 | -63.1956833 | 0.12 | 5.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101242 | 10021378 | 20 | 489244 | 6032186 | 13L/06 | 54.439200 | -63.1658333 | 0.015 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101243 | 10021379 | 20 | 489233 | 6030821 | 13L/06 | 54.426933 | -63.1659500 | 0.03 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101244 | 10021381 | 20 | 490861 | 6031107 | 13L/06 | 54.429533 | -63.1408667 | 0.009 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | Amv |
| SA5101245 | 10021382 | 20 | 492557 | 6030466 | 13L/06 | 54.423800 | -63.1147167 | 0.05 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101246 | 10021383 | 20 | 494537 | 6031529 | 13L/06 | 54.433383 | -63.0842167 | 0.005 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 3 | 2 | M2aq |
| SA5101247 | 10021384 | 20 | 495568 | 6029036 | 13L/06 | 54.410983 | -63.0682833 | 0.010 | 0.5 | 1 | 2 | 7 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101248 | 10021385 | 20 | 496855 | 6029901 | 13L/06 | 54.418767 | -63.0484667 | 0.009 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101249 | 10021386 | 20 | 498625 | 6029017 | 13L/06 | 54.410833 | -63.0211833 | 0.002 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101250 | -9 | 20 | 499593 | 6031205 | 13L/06 | 54.430500 | -63.0062667 | 0.09 | -9 | 1 | 2 | -9 | -9 | 0 | 1 | | 1 | 2 | M2aq |
| SA5101251 | -9 | 20 | 500089 | 6031407 | 13L/06 | 54.432317 | -62.9986333 | 0.09 | -9 | 1 | 2 | -9 | -9 | 0 | 2 | | 1 | 1 | M2aq |
| SA5101252 | 10021389 | 20 | 499067 | 6032693 | 13L/06 | 54.443867 | -63.0143833 | 0.03 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M2aq |
| SA5101253 | 10021391 | 20 | 497196 | 6031775 | 13L/06 | 54.435617 | -63.0432333 | 0.03 | 1.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M2aq |

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | 10021392 | 20 | 496229 | 6033250 | 13L/06 | 54.448867 | -63.0581500 | 0.014 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101255 | 10021393 | 20 | 494345 | 6032737 | 13L/06 | 54.444233 | -63.0872000 | 0.004 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M2aq |
| SA5101256 | -9 | 20 | 492686 | 6033060 | 13L/06 | 54.447117 | -63.1127833 | 0.007 | 8.5 | 6 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101257 | 10021395 | 20 | 492517 | 6034145 | 13L/06 | 54.456867 | -63.1154167 | 0.005 | 0.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101258 | -9 | 20 | 490315 | 6033265 | 13L/06 | 54.448917 | -63.1493500 | 0.013 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101259 | 10021397 | 20 | 491021 | 6034700 | 13L/06 | 54.461833 | -63.1385167 | 0.006 | 0.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101260 | 10021398 | 20 | 488832 | 6034792 | 13L/06 | 54.462617 | -63.1722833 | 0.007 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101261 | -9 | 20 | 487228 | 6034960 | 13L/06 | 54.464083 | -63.1970333 | 0.03 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101262 | 10021401 | 20 | 466767 | 6037617 | 13L/05 | 54.487033 | -63.5129833 | 0.013 | 1.0 | 5 | 3 | 4 | 5 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101263 | -9 | 20 | 464869 | 6036570 | 13L/05 | 54.477500 | -63.5421500 | 0.014 | 1.0 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101264 | 10021403 | 20 | 462102 | 6037586 | 13L/05 | 54.486433 | -63.5849833 | 0.13 | 4.5 | 5 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101265 | 10021404 | 20 | 460796 | 6039059 | 13L/05 | 54.499567 | -63.6053333 | 0.4 | 1.5 | 5 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101266 | 10021405 | 20 | 460615 | 6037534 | 13L/05 | 54.485850 | -63.6079333 | 0.02 | 4.0 | 1 | 3 | 4 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101267 | 10021406 | 20 | 459116 | 6037187 | 13L/05 | 54.482617 | -63.6310167 | 0.12 | 4.0 | 7 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101268 | 10021407 | 20 | 457455 | 6037123 | 13L/05 | 54.481900 | -63.6566333 | 0.07 | 5.5 | 7 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101269 | 10021408 | 20 | 454282 | 6039110 | 13L/05 | 54.499483 | -63.7059167 | 0.003 | 1.0 | 3 | 2 | 4 | 5 | 0 | 1 | | 1 | 1 | M1a |
| SA5101270 | 10021409 | 20 | 454131 | 6036758 | 13L/05 | 54.478333 | -63.7078833 | 0.013 | 1.0 | 3 | 3 | 4 | 5 | 0 | 0 | | 1 | 2 | M1a |
| SA5101271 | 10021411 | 20 | 453457 | 6036541 | 13L/05 | 54.476317 | -63.7182500 | 0.03 | 2.0 | 1 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101272 | 10021412 | 20 | 453400 | 6039277 | 13L/05 | 54.500900 | -63.7195667 | 0.03 | 6.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101273 | 10021413 | 20 | 451022 | 6037692 | 13L/05 | 54.486433 | -63.7560167 | 0.001 | 1.0 | 3 | 3 | 4 | 3 | 0 | 0 | | 1 | 2 | M1a |
| SA5101274 | 10021414 | 20 | 449109 | 6036624 | 13L/05 | 54.476650 | -63.7853500 | 0.005 | 1.0 | 5 | 2 | 3 | 3 | 0 | 0 | | 3 | 2 | M1a |
| SA5101275 | 10021415 | 20 | 454257 | 6039146 | 13L/05 | 54.499800 | -63.7063000 | 0.003 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101276 | 10021416 | 20 | 449175 | 6039281 | 13L/05 | 54.500533 | -63.7848000 | 0.004 | 0.5 | 3 | 2 | 4 | 5 | 0 | 2 | | 1 | 1 | M1a |
| SA5101277 | 10021417 | 20 | 447340 | 6037518 | 13L/05 | 54.484500 | -63.8128167 | 0.009 | 1.0 | 1 | 2 | 13 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101278 | 10021418 | 20 | 446955 | 6038707 | 13L/05 | 54.495150 | -63.8189667 | 0.018 | 1.5 | 7 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101279 | -9 | 20 | 444606 | 6039114 | 13L/05 | 54.498550 | -63.8553000 | 0.017 | 1.0 | 7 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101280 | 10021421 | 20 | 444226 | 6037347 | 13L/05 | 54.482633 | -63.8608333 | 0.004 | 2.0 | 7 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101281 | 10021422 | 20 | 442954 | 6037289 | 13L/05 | 54.481967 | -63.8804500 | 0.06 | 6.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101282 | 10021423 | 20 | 439351 | 6038309 | 13L/05 | 54.490717 | -63.9362667 | 0.3 | 1.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101283 | 10021424 | 20 | 440839 | 6038482 | 13L/05 | 54.492450 | -63.9133333 | 0.03 | 1.0 | 1 | 2 | 6 | 5 | 0 | 0 | | 1 | 2 | M1a |
| SA5101284 | 10021425 | 20 | 440601 | 6036757 | 13L/05 | 54.476917 | -63.9166667 | 0.4 | 5.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101285 | 10021426 | 20 | 437423 | 6039168 | 13L/05 | 54.498200 | -63.9662000 | 0.009 | 2.0 | 3 | 3 | 5 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101286 | -9 | 20 | 435837 | 6037135 | 13L/05 | 54.479733 | -63.9902500 | 0.011 | -9 | 1 | 3 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101287 | 10021428 | 20 | 437257 | 6035757 | 13L/05 | 54.467533 | -63.9680500 | 0.008 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101288 | 10021429 | 20 | 437935 | 6036733 | 13L/05 | 54.476383 | -63.9577833 | 0.04 | 3.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101289 | 10021431 | 20 | 437175 | 6036875 | 13L/05 | 54.477567 | -63.9695500 | 0.3 | 9.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101290 | 10021432 | 20 | 438572 | 6034643 | 13L/05 | 54.457683 | -63.9475333 | 0.015 | 2.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101291 | 10021433 | 20 | 440278 | 6033884 | 13L/05 | 54.451067 | -63.9210667 | 0.03 | 2.5 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101292 | 10021434 | 20 | 439275 | 6038308 | 13L/05 | 54.490700 | -63.9374333 | 0.3 | 1.5 | 3 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101293 | 10021435 | 20 | 440788 | 6034981 | 13L/05 | 54.460983 | -63.9134167 | 0.10 | 5.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101294 | 10021436 | 20 | 443803 | 6034987 | 13L/05 | 54.461383 | -63.8669167 | 0.03 | 4.0 | 6 | 2 | 6 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101295 | 10021437 | 20 | 445349 | 6033516 | 13L/05 | 54.448333 | -63.8428000 | 0.014 | 1.0 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101296 | 10021438 | 20 | 445375 | 6034968 | 13L/05 | 54.461383 | -63.8426667 | 0.4 | 7.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101297 | 10021439 | 20 | 446651 | 6032813 | 13L/05 | 54.442150 | -63.8226000 | 0.009 | 2.5 | 6 | 2 | 6 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101298 | 10021441 | 20 | 447582 | 6034356 | 13L/05 | 54.456117 | -63.8085167 | 0.015 | 0.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101299 | 10021442 | 20 | 449232 | 6035237 | 13L/05 | 54.464200 | -63.7832167 | 0.002 | 2.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101300 | 10021443 | 20 | 451649 | 6034627 | 13L/05 | 54.458950 | -63.7458333 | 0.05 | 5.5 | 4 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101301 | 10021444 | 20 | 453506 | 6034687 | 13L/05 | 54.459667 | -63.7172000 | 1.3 | 3.5 | 6 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101302 | 10021445 | 20 | 454282 | 6035036 | 13L/05 | 54.462867 | -63.7052833 | 0.04 | 3.5 | 6 | 2 | 5 | 3 | 0 | 1 | | 3 | 1 | M1a |
| SA5101303 | 10021446 | 20 | 457040 | 6035070 | 13L/05 | 54.463417 | -63.6627500 | 0.05 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101304 | -9 | 20 | 459540 | 6035433 | 13L/05 | 54.466883 | -63.6242333 | 0.012 | -9 | 6 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101305 | 10021448 | 20 | 461269 | 6035726 | 13L/05 | 54.469650 | -63.5976000 | 0.19 | 3.5 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101306 | 10021449 | 20 | 462696 | 6035786 | 13L/05 | 54.470300 | -63.5755833 | 0.05 | 2.5 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101307 | 10021451 | 20 | 478848 | 6013023 | 13L/06 | 54.266650 | -63.3247500 | 0.08 | 1.5 | 6 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101308 | 10021452 | 20 | 478511 | 6011290 | 13L/06 | 54.251067 | -63.3298000 | 0.019 | 1.0 | 1 | 2 | 4 | 2 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101309 | 10021453 | 20 | 454277 | 6034945 | 13L/05 | 54.462050 | -63.7053500 | 0.04 | 2.5 | 6 | 2 | 5 | 3 | 0 | 2 | | 3 | 1 | M1a |
| SA5101310 | 10021454 | 20 | 476851 | 6011526 | 13L/06 | 54.253117 | -63.3553000 | 0.02 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101311 | 10021455 | 20 | 474017 | 6014824 | 13L/06 | 54.282617 | -63.3990833 | 0.03 | 3.0 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101312 | -9 | 20 | 474055 | 6013742 | 13L/06 | 54.272900 | -63.3984000 | 0.019 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101313 | 10021457 | 20 | 472637 | 6014476 | 13L/06 | 54.279417 | -63.4202500 | 0.013 | 2.0 | 6 | 3 | 4 | 2 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101314 | 10021458 | 20 | 472480 | 6013084 | 13L/06 | 54.266900 | -63.4225333 | 0.04 | 3.0 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | 10021459 | 20 | 471540 | 6013724 | 13L/06 | 54.272600 | -63.4370167 | 0.07 | 3.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101316 | 10021461 | 20 | 468784 | 6011941 | 13L/06 | 54.256417 | -63.4791500 | 0.013 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101317 | 10021462 | 20 | 468599 | 6013089 | 13L/06 | 54.266717 | -63.4821167 | 0.004 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101318 | 10021463 | 20 | 467324 | 6012871 | 13L/05 | 54.264683 | -63.5016667 | 0.014 | 2.0 | 3 | 2 | 6 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101319 | 10021464 | 20 | 464957 | 6034941 | 13L/05 | 54.462867 | -63.5406000 | 0.06 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101320 | 10021465 | 20 | 466733 | 6034887 | 13L/05 | 54.462500 | -63.5132000 | 0.2 | 1.5 | 6 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101321 | 10021466 | 20 | 466926 | 6033268 | 13L/05 | 54.447967 | -63.5100333 | 0.2 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101322 | 10021467 | 20 | 464822 | 6032731 | 13L/05 | 54.443000 | -63.5424167 | 0.07 | 1.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101323 | 10021468 | 20 | 462901 | 6033162 | 13L/05 | 54.446733 | -63.5721000 | 0.04 | 2.0 | 6 | 2 | 6 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101324 | 10021469 | 20 | 461512 | 6033630 | 13L/05 | 54.450833 | -63.5935667 | 0.2 | 3.5 | 6 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101325 | 10021471 | 20 | 457059 | 6033478 | 13L/05 | 54.449117 | -63.6622167 | 0.12 | 1.5 | 6 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101326 | 10021472 | 20 | 455728 | 6031902 | 13L/05 | 54.434833 | -63.6825167 | 0.003 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101327 | 10021473 | 20 | 455256 | 6032413 | 13L/05 | 54.439383 | -63.6898667 | 0.017 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101328 | 10021474 | 20 | 453590 | 6033143 | 13L/05 | 54.445800 | -63.7156667 | 0.012 | 1.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101329 | 10021475 | 20 | 452871 | 6031843 | 13L/05 | 54.434050 | -63.7265500 | 0.003 | 1.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101330 | 10021476 | 20 | 451394 | 6031043 | 13L/05 | 54.426717 | -63.7491833 | 0.3 | 5.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101331 | -9 | 20 | 461560 | 6033401 | 13L/05 | 54.448783 | -63.5928000 | 0.2 | -9 | 6 | 2 | -9 | -9 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101332 | 10021478 | 20 | 451486 | 6032069 | 13L/05 | 54.435950 | -63.7479333 | 0.04 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101333 | 10021479 | 20 | 449438 | 6032551 | 13L/05 | 54.440083 | -63.7795833 | 0.03 | 3.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101334 | 10021481 | 20 | 448702 | 6030180 | 13L/05 | 54.418700 | -63.7905167 | 0.03 | 3.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101335 | 10021482 | 20 | 447078 | 6031495 | 13L/05 | 54.430350 | -63.8157833 | 0.09 | 1.5 | 6 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101336 | 10021483 | 20 | 445074 | 6031541 | 13L/05 | 54.430550 | -63.8466667 | 0.19 | 3.0 | 6 | 3 | 3 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101337 | 10021484 | 20 | 442591 | 6031992 | 13L/05 | 54.434333 | -63.8850333 | 0.07 | 5.5 | 6 | 3 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101338 | 10021485 | 20 | 441175 | 6031072 | 13L/05 | 54.425900 | -63.9066667 | 0.019 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101339 | 10021486 | 20 | 439118 | 6033198 | 13L/05 | 54.444767 | -63.9388167 | 0.7 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101340 | 10021487 | 20 | 439118 | 6031379 | 13L/05 | 54.428417 | -63.9384333 | 0.7 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | M1a |
| SA5101341 | 10021488 | 20 | 436762 | 6032663 | 13L/05 | 54.439667 | -63.9750167 | 0.009 | 3.0 | 6 | 2 | 3 | 3 | 0 | 1 | | 1 | 2 | M1a |
| SA5101342 | 10021489 | 20 | 437651 | 6031039 | 13L/05 | 54.425183 | -63.9609667 | 0.002 | 0.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101343 | 10021491 | 20 | 437989 | 6029502 | 13L/05 | 54.411417 | -63.9554500 | 0.02 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101344 | 10021492 | 20 | 436751 | 6032728 | 13L/05 | 54.440250 | -63.9752000 | 0.009 | 4.5 | 6 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101345 | -9 | 20 | 439040 | 6028614 | 13L/05 | 54.403567 | -63.9390667 | 0.06 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101346 | 10021494 | 20 | 440340 | 6029658 | 13L/05 | 54.413100 | -63.9192500 | 0.06 | 5.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101347 | -9 | 20 | 442601 | 6029448 | 13L/05 | 54.411467 | -63.8843833 | 0.2 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 2 | 2 | M1a |
| SA5101348 | 10021496 | 20 | 445006 | 6028756 | 13L/05 | 54.405517 | -63.8472000 | 0.19 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101349 | -9 | 20 | 446177 | 6029005 | 13L/05 | 54.407883 | -63.8292167 | 0.001 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101350 | -9 | 20 | 449118 | 6028447 | 13L/05 | 54.403167 | -63.7838167 | 0.014 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 2 | M1a |
| SA5101351 | 10021499 | 20 | 450731 | 6029011 | 13L/05 | 54.408400 | -63.7590667 | 0.04 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101352 | 10021501 | 20 | 452317 | 6029657 | 13L/05 | 54.414350 | -63.7347333 | 0.003 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101353 | 10021502 | 20 | 451086 | 6027003 | 13L/05 | 54.390383 | -63.7532667 | 0.002 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101354 | 10021503 | 20 | 449499 | 6027283 | 13L/05 | 54.392750 | -63.7777500 | 0.05 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101355 | 10021504 | 20 | 447844 | 6027712 | 13L/05 | 54.396433 | -63.8033000 | 0.017 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101356 | 10021505 | 20 | 444090 | 6027599 | 13L/05 | 54.395017 | -63.8611000 | 0.08 | 1.0 | 1 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101357 | 10021506 | 20 | 441803 | 6027130 | 13L/05 | 54.390550 | -63.8962167 | 0.005 | 1.0 | 2 | 2 | 4 | 5 | 0 | 0 | | 1 | 2 | M1a |
| SA5101358 | 10021507 | 20 | 438664 | 6026800 | 13L/05 | 54.387217 | -63.9444833 | 0.011 | 1.0 | 2 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101359 | 10021508 | 20 | 437907 | 6027226 | 13L/05 | 54.390950 | -63.9562333 | 0.002 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101360 | 10021509 | 20 | 435328 | 6028085 | 13L/05 | 54.398350 | -63.9961333 | 0.001 | 1.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101361 | 10021511 | 20 | 436579 | 6025354 | 13L/05 | 54.373967 | -63.9762833 | 0.02 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101362 | 10021512 | 20 | 440128 | 6025306 | 13L/05 | 54.373967 | -63.9216500 | 0.05 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101363 | 10021513 | 20 | 441409 | 6024577 | 13L/05 | 54.367567 | -63.9017833 | 0.005 | 4.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101364 | 10021514 | 20 | 442741 | 6025212 | 13L/05 | 54.373417 | -63.8814167 | 0.3 | 1.5 | 1 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101365 | 10021515 | 20 | 444512 | 6024635 | 13L/05 | 54.368433 | -63.8540500 | 0.003 | 1.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101366 | 10021516 | 20 | 445107 | 6026295 | 13L/05 | 54.383417 | -63.8452000 | 0.001 | 0.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101367 | 10021517 | 20 | 447968 | 6025769 | 13L/05 | 54.378983 | -63.8010500 | 0.002 | 0.5 | 3 | 2 | 2 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101368 | 10021518 | 20 | 443020 | 6025164 | 13L/05 | 54.373017 | -63.8771000 | 0.3 | 2.0 | 1 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101369 | 10021519 | 20 | 448523 | 6025614 | 13L/05 | 54.377650 | -63.7924833 | 0.006 | 0.5 | 2 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101370 | 10021521 | 20 | 450436 | 6024816 | 13L/05 | 54.370667 | -63.7629000 | 0.06 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101371 | -9 | 20 | 458690 | 6015442 | 13L/05 | 54.287167 | -63.6345667 | 0.015 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101372 | -9 | 20 | 460182 | 6015275 | 13L/05 | 54.285783 | -63.6116333 | 0.011 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101373 | 10021524 | 20 | 460531 | 6012724 | 13L/05 | 54.262883 | -63.6059333 | 0.010 | 1.5 | 1 | 2 | 2 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101374 | 10021525 | 20 | 461232 | 6011533 | 13L/05 | 54.252233 | -63.5950167 | 0.007 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101375 | 10021526 | 20 | 465347 | 6011545 | 13L/05 | 54.252633 | -63.5318667 | 0.14 | 3.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | A-Pg |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | 10021527 | 20 | 467014 | 6011679 | 13L/05 | 54.253950 | -63.5063000 | 0.010 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101377 | 10021528 | 20 | 459191 | 6011558 | 13L/05 | 54.252300 | -63.6263500 | 0.02 | 2.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101378 | 10021529 | 20 | 457186 | 6011799 | 13L/05 | 54.254300 | -63.6571500 | 0.006 | 1.5 | 3 | 2 | 8 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101379 | 10021531 | 20 | 457492 | 6013202 | 13L/05 | 54.266933 | -63.6526500 | 0.003 | 0.5 | 3 | 2 | 4 | 2 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101380 | 10021532 | 20 | 456814 | 6015747 | 13L/05 | 54.289750 | -63.6634333 | 0.04 | 0.5 | 3 | 2 | 5 | 2 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101381 | 10021533 | 20 | 454143 | 6014692 | 13L/05 | 54.280033 | -63.7043000 | 0.006 | 4.0 | 2 | 2 | 6 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101382 | 10021534 | 20 | 454543 | 6011427 | 13L/05 | 54.250733 | -63.6976500 | 0.006 | 2.5 | 3 | 2 | 5 | 3 | 0 | 1 | | 3 | 1 | ANtgn |
| SA5101383 | 10021535 | 20 | 451083 | 6022715 | 13L/05 | 54.351850 | -63.7526000 | 0.005 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101384 | -9 | 20 | 449638 | 6023016 | 13L/05 | 54.354417 | -63.7748833 | 0.05 | 1.0 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101385 | 10021537 | 20 | 445113 | 6022979 | 13L/05 | 54.353617 | -63.8444833 | 0.12 | 1.5 | 3 | 2 | 13 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101386 | 10021538 | 20 | 443184 | 6022652 | 13L/05 | 54.350467 | -63.8741000 | 0.016 | 3.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101387 | 10021539 | 20 | 441086 | 6023394 | 13L/05 | 54.356900 | -63.9065167 | 0.4 | 5.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101388 | 10021541 | 20 | 439104 | 6023122 | 13L/05 | 54.354217 | -63.9369667 | 0.010 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101389 | 10021542 | 20 | 436597 | 6023868 | 13L/05 | 54.360617 | -63.9756833 | 0.005 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101390 | 10021543 | 20 | 435242 | 6022095 | 13L/05 | 54.344517 | -63.9961500 | 0.009 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101391 | 10021544 | 20 | 437042 | 6021137 | 13L/05 | 54.336133 | -63.9682667 | 0.06 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101392 | 10021545 | 20 | 439881 | 6021025 | 13L/05 | 54.335467 | -63.9245833 | 0.06 | 4.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101393 | 10021546 | 20 | 441036 | 6021344 | 13L/05 | 54.338467 | -63.9068833 | 0.04 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101394 | 10021547 | 20 | 442591 | 6021029 | 13L/05 | 54.335817 | -63.8829167 | 0.10 | 2.0 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101395 | 10021548 | 20 | 445082 | 6021227 | 13L/05 | 54.337867 | -63.8446500 | 0.016 | 1.5 | 3 | 2 | 2 | 5 | 0 | 0 | NICUCO | 2 | 2 | M1a |
| SA5101396 | 10021549 | 20 | 447555 | 6021417 | 13L/05 | 54.339833 | -63.8066500 | 0.2 | 2.0 | 3 | 2 | 13 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101397 | 10021551 | 20 | 449496 | 6021682 | 13L/05 | 54.342417 | -63.7768333 | 0.001 | 1.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101398 | 10021552 | 20 | 454586 | 6011364 | 13L/05 | 54.250167 | -63.6969833 | 0.006 | 1.5 | 3 | 2 | 5 | 3 | 0 | 2 | | 3 | 1 | ANtgn |
| SA5101399 | 10021553 | 20 | 450381 | 6020285 | 13L/05 | 54.329950 | -63.7630000 | 0.002 | 0.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101400 | 10021554 | 20 | 451069 | 6019505 | 13L/05 | 54.323000 | -63.7522833 | 0.005 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101401 | 10021555 | 20 | 448125 | 6019648 | 13L/05 | 54.324000 | -63.7975667 | 0.3 | 2.0 | 3 | 2 | 13 | 3 | 0 | 0 | NICUCO | 1 | 1 | ANtgn |
| SA5101402 | 10021556 | 20 | 447336 | 6019197 | 13L/05 | 54.319867 | -63.8096167 | 0.015 | 1.0 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101403 | 10021557 | 20 | 445177 | 6018957 | 13L/05 | 54.317483 | -63.8427667 | 0.010 | 0.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101404 | 10021558 | 20 | 442765 | 6018753 | 13L/05 | 54.315383 | -63.8798000 | 0.015 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101405 | 10021559 | 20 | 441711 | 6018924 | 13L/05 | 54.316800 | -63.8960333 | 0.03 | 6.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101406 | 10021561 | 20 | 438704 | 6019549 | 13L/05 | 54.322067 | -63.9423833 | 0.04 | 2.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101407 | 10021562 | 20 | 449705 | 6013883 | 13L/05 | 54.272350 | -63.7723167 | 0.009 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | A-Pg |
| SA5101408 | 10021563 | 20 | 450985 | 6012792 | 13L/05 | 54.262667 | -63.7524833 | 0.016 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101409 | 10021564 | 20 | 450977 | 6015579 | 13L/05 | 54.287717 | -63.7530667 | 0.004 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101410 | 10021565 | 20 | 452867 | 6015033 | 13L/05 | 54.282983 | -63.7239500 | 0.007 | 1.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101411 | -9 | 20 | 452619 | 6013645 | 13L/05 | 54.270483 | -63.7275333 | 0.04 | -9 | 2 | 2 | -9 | -9 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101412 | 10021567 | 20 | 449102 | 6015040 | 13L/05 | 54.282683 | -63.7817667 | 0.008 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101413 | 10021568 | 20 | 437312 | 6019092 | 13L/05 | 54.317783 | -63.9636833 | 0.04 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101414 | 10021569 | 20 | 435725 | 6019683 | 13L/05 | 54.322900 | -63.9882000 | 0.006 | 0.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101415 | 10021571 | 20 | 435765 | 6016683 | 13L/05 | 54.295950 | -63.9869333 | 1.0 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | NICUCO | 1 | 1 | M1a |
| SA5101416 | 10021572 | 20 | 437754 | 6017388 | 13L/05 | 54.302533 | -63.9565333 | 0.018 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | NICUCO | 1 | 1 | M1a |
| SA5101417 | 10021573 | 20 | 439173 | 6016524 | 13L/05 | 54.294933 | -63.9345500 | 0.003 | 0.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101418 | 10021574 | 20 | 441941 | 6016614 | 13L/05 | 54.296067 | -63.8920500 | 0.09 | 1.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101419 | 10021575 | 20 | 442920 | 6016490 | 13L/05 | 54.295067 | -63.8769833 | 0.004 | 0.5 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101420 | 10021576 | 20 | 452386 | 6013628 | 13L/05 | 54.270317 | -63.7311000 | 0.04 | 1.5 | 2 | 2 | 4 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101421 | 10021577 | 20 | 444906 | 6017623 | 13L/05 | 54.305467 | -63.8466833 | 0.007 | 1.5 | 3 | 2 | 5 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101422 | 10021578 | 20 | 447081 | 6016313 | 13L/05 | 54.293917 | -63.8130333 | 0.013 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101423 | 10021579 | 20 | 449295 | 6017221 | 13L/05 | 54.302300 | -63.7791667 | 0.013 | 0.5 | 3 | 2 | 2 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101424 | 10021581 | 20 | 450593 | 6016958 | 13L/05 | 54.300067 | -63.7591833 | 0.018 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101425 | 10021582 | 20 | 435222 | 6015203 | 13L/05 | 54.282583 | -63.9949667 | 0.006 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101426 | 10021583 | 20 | 435784 | 6013459 | 13L/05 | 54.266983 | -63.9859500 | 0.002 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101427 | 10021584 | 20 | 437236 | 6012994 | 13L/05 | 54.262983 | -63.9635667 | 0.06 | 2.0 | 1 | 2 | 5 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101428 | 10021585 | 20 | 436528 | 6014506 | 13L/05 | 54.276483 | -63.9747500 | 0.10 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101429 | 10021586 | 20 | 438575 | 6015439 | 13L/05 | 54.285117 | -63.9435167 | 0.007 | 4.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101430 | 10021587 | 20 | 438435 | 6013457 | 13L/05 | 54.267283 | -63.9452667 | 0.017 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101431 | 10021588 | 20 | 441819 | 6011838 | 13L/05 | 54.253133 | -63.8930000 | 0.006 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101432 | 10021589 | 20 | 441378 | 6013247 | 13L/05 | 54.265750 | -63.9000333 | 0.004 | 1.5 | 3 | 2 | 2 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101433 | 10021591 | 20 | 441188 | 6014544 | 13L/05 | 54.277383 | -63.9032167 | 0.011 | 6.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101434 | 10021592 | 20 | 443322 | 6015317 | 13L/05 | 54.284567 | -63.8705833 | 0.019 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101435 | 10021593 | 20 | 437125 | 6012914 | 13L/05 | 54.262250 | -63.9652500 | 0.06 | 1.5 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101436 | 10021594 | 20 | 442652 | 6013040 | 13L/05 | 54.264033 | -63.8804333 | 0.012 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | 10021595 | 20 | 442797 | 6011850 | 13L/05 | 54.253350 | -63.8779833 | 0.015 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101438 | 10021596 | 20 | 444514 | 6011864 | 13L/05 | 54.253667 | -63.8516333 | 0.04 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101439 | 10021597 | 20 | 446760 | 6011670 | 13L/05 | 54.252167 | -63.8171333 | 0.012 | 0.5 | 3 | 2 | 2 | 5 | 0 | 0 | | 2 | 2 | M1a |
| SA5101440 | 10021598 | 20 | 445809 | 6013260 | 13L/05 | 54.266350 | -63.8320167 | 0.03 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101441 | 10021599 | 20 | 445662 | 6015450 | 13L/05 | 54.286017 | -63.8346667 | 0.03 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101442 | 10021601 | 20 | 447723 | 6015061 | 13L/05 | 54.282733 | -63.8029500 | 0.04 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101443 | -9 | 20 | 447141 | 6013595 | 13L/05 | 54.269500 | -63.8116333 | 0.04 | 8.0 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | P2ss |
| SA5101444 | 10021603 | 20 | 448373 | 6011659 | 13L/05 | 54.252233 | -63.7923833 | 0.005 | 3.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | P2ss |
| SA5101445 | 10021604 | 20 | 433622 | 6017064 | 23I/08 | 54.299100 | -64.0199500 | 0.007 | 1.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 3 | 1 | M1a |
| SA5101446 | 10021605 | 20 | 430797 | 6017208 | 23I/08 | 54.300017 | -64.0633833 | 0.03 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101447 | 10021606 | 20 | 431246 | 6019188 | 23I/08 | 54.317867 | -64.0569333 | 0.014 | 3.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101448 | 10021607 | 20 | 433553 | 6018638 | 23I/08 | 54.313233 | -64.0213500 | 0.003 | 1.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101449 | 10021608 | 20 | 434930 | 6021042 | 23I/08 | 54.335017 | -64.0007167 | 0.001 | 1.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 2 | M1a |
| SA5101450 | 10021609 | 20 | 432354 | 6021098 | 23I/08 | 54.335183 | -64.0403333 | 0.005 | 6.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101451 | 10021611 | 20 | 430210 | 6021359 | 23I/08 | 54.337233 | -64.0733667 | 0.11 | 1.5 | 1 | 2 | 4 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101452 | 10021612 | 20 | 429169 | 6021254 | 23I/08 | 54.336150 | -64.0893500 | 0.02 | 4.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101453 | 10021613 | 20 | 432318 | 6022514 | 23I/08 | 54.347900 | -64.0412167 | 0.09 | 5.5 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101454 | 10021614 | 20 | 430342 | 6022985 | 23I/08 | 54.351867 | -64.0717167 | 0.06 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101455 | 10021615 | 20 | 429164 | 6023650 | 23I/08 | 54.357683 | -64.0900000 | 0.06 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101456 | 10021616 | 20 | 427482 | 6023161 | 23I/08 | 54.353050 | -64.1157500 | 0.12 | 1.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101457 | 10021617 | 20 | 427887 | 6024689 | 23I/08 | 54.366833 | -64.1099000 | 0.007 | 1.0 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101458 | 10021618 | 20 | 429450 | 6024232 | 23I/08 | 54.362950 | -64.0857333 | 0.007 | 2.0 | 2 | 2 | 3 | 4 | 0 | 0 | | 1 | 2 | M1a |
| SA5101459 | 10021619 | 20 | 431886 | 6025024 | 23I/08 | 54.370400 | -64.0484333 | 0.006 | 2.0 | 2 | 2 | 3 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101460 | 10021621 | 20 | 433562 | 6017074 | 23I/08 | 54.299183 | -64.0208667 | 0.007 | 1.5 | 3 | 2 | 3 | 5 | 0 | 2 | | 3 | 2 | M1a |
| SA5101461 | 10021622 | 20 | 433457 | 6025899 | 23I/08 | 54.378467 | -64.0244500 | 0.009 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101462 | 10021623 | 20 | 434312 | 6025584 | 23I/08 | 54.375750 | -64.0112167 | 0.5 | 7.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101463 | 10021624 | 20 | 434366 | 6026459 | 23I/08 | 54.383617 | -64.0105833 | 0.16 | 7.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101464 | 10021625 | 20 | 432005 | 6026712 | 23I/08 | 54.385583 | -64.0469833 | 0.18 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101465 | 10021626 | 20 | 428748 | 6026946 | 23I/08 | 54.387233 | -64.0971833 | 0.018 | 1.0 | 2 | 2 | 4 | 4 | 0 | 0 | | 1 | 2 | M1a |
| SA5101466 | 10021627 | 20 | 431850 | 6027911 | 23I/08 | 54.396333 | -64.0496500 | 0.2 | 4.5 | 1 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101467 | 10021628 | 20 | 434215 | 6029390 | 23I/08 | 54.409933 | -64.0135500 | 4.9 | 1.5 | 1 | 2 | 13 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101468 | 10021629 | 20 | 430177 | 6029784 | 23I/08 | 54.412933 | -64.0758500 | 0.019 | 1.5 | 3 | 2 | 2 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101469 | 10021631 | 20 | 428165 | 6029023 | 23I/08 | 54.405817 | -64.1066667 | 0.007 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 2 | M1a |
| SA5101470 | -9 | 20 | 427780 | 6029860 | 23I/08 | 54.413283 | -64.1128000 | 0.03 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101471 | 10021633 | 20 | 429510 | 6031374 | 23I/08 | 54.427133 | -64.0865000 | 0.3 | 3.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101472 | 10021634 | 20 | 430797 | 6031410 | 23I/08 | 54.427633 | -64.0666833 | 0.010 | 2.5 | 3 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101473 | 10021635 | 20 | 432881 | 6031325 | 23I/08 | 54.427150 | -64.0345500 | 0.08 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101474 | 10021636 | 20 | 434502 | 6033388 | 23I/08 | 54.445900 | -64.0100167 | 0.09 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101475 | 10021637 | 20 | 432817 | 6032686 | 23I/08 | 54.439367 | -64.0358333 | 0.018 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101476 | 10021638 | 20 | 431141 | 6032863 | 23I/08 | 54.440733 | -64.0617167 | 0.09 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101477 | 10021639 | 20 | 429570 | 6033280 | 23I/08 | 54.444267 | -64.0860333 | 0.6 | 15.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101478 | 10021641 | 20 | 427771 | 6032331 | 23I/08 | 54.435483 | -64.1135333 | 0.09 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101479 | 10021642 | 20 | 427058 | 6031759 | 23I/08 | 54.430250 | -64.1243833 | 0.004 | 1.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101480 | 10021643 | 20 | 431328 | 6027527 | 23I/08 | 54.392817 | -64.0576000 | 0.2 | 2.5 | 1 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101481 | 10021644 | 20 | 425008 | 6031231 | 23I/08 | 54.425200 | -64.1558500 | 0.003 | 2.0 | 3 | 2 | 5 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101482 | 10021645 | 20 | 420611 | 6031197 | 23I/08 | 54.424233 | -64.2235833 | 0.006 | 1.0 | 3 | 2 | 4 | 1 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101483 | 10021646 | 20 | 419397 | 6031130 | 23I/08 | 54.423433 | -64.2422833 | 0.009 | 1.0 | 2 | 2 | 4 | 1 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101484 | -9 | 20 | 420377 | 6032939 | 23I/08 | 54.439850 | -64.2276667 | 0.03 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101485 | 10021648 | 20 | 425535 | 6035182 | 23I/08 | 54.460783 | -64.1487167 | 0.06 | 3.0 | 1 | 2 | 5 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101486 | 10021649 | 20 | 419364 | 6033219 | 23I/08 | 54.442200 | -64.2433500 | 0.07 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101487 | -9 | 20 | 419630 | 6034156 | 23I/08 | 54.450667 | -64.2395167 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101488 | 10021652 | 20 | 423430 | 6032846 | 23I/08 | 54.439483 | -64.1805833 | 0.008 | 1.0 | 3 | 2 | 5 | 2 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101489 | 10021653 | 20 | 426832 | 6035280 | 23I/08 | 54.461850 | -64.1287333 | 0.012 | 1.0 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101490 | 10021654 | 20 | 428390 | 6035302 | 23I/08 | 54.462267 | -64.1047167 | 0.02 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 2 | M1a |
| SA5101491 | 10021655 | 20 | 431186 | 6035040 | 23I/08 | 54.460300 | -64.0615333 | 5.6 | 5.0 | 1 | 2 | 13 | 2 | 0 | 0 | | 1 | 1 | M1a |
| SA5101492 | 10021656 | 20 | 433200 | 6034943 | 23I/08 | 54.459700 | -64.0304500 | 0.4 | 6.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101493 | 10021657 | 20 | 434185 | 6035218 | 23I/08 | 54.462300 | -64.0153167 | 0.4 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101494 | 10021658 | 20 | 425796 | 6035117 | 23I/08 | 54.460233 | -64.1446833 | 0.06 | 4.0 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101495 | 10021659 | 20 | 432995 | 6037376 | 23I/08 | 54.481533 | -64.0341500 | 0.009 | 0.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101496 | 10021661 | 20 | 431045 | 6036427 | 23I/08 | 54.472750 | -64.0640333 | 0.12 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101497 | 10021662 | 20 | 428482 | 6037532 | 23I/08 | 54.482317 | -64.1038333 | 0.008 | 3.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | 10021663 | 20 | 426374 | 6036502 | 23I/08 | 54.472767 | -64.1361000 | 0.03 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101499 | 10021664 | 20 | 424711 | 6036637 | 23I/08 | 54.473733 | -64.1618000 | 0.02 | 1.0 | 3 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101500 | 10021665 | 20 | 422988 | 6039335 | 23I/08 | 54.497717 | -64.1890833 | 0.16 | 4.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101501 | 10021666 | 20 | 426685 | 6039092 | 23I/08 | 54.496083 | -64.1319500 | 0.02 | 4.5 | 3 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101502 | 10021667 | 20 | 425292 | 6038853 | 23I/08 | 54.493733 | -64.1534000 | 0.004 | 1.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 2 | 1 | M1a |
| SA5101503 | 10021668 | 20 | 429777 | 6039598 | 23I/09 | 54.501067 | -64.0843500 | 0.005 | 1.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101504 | 10021669 | 20 | 430782 | 6039479 | 23I/09 | 54.500133 | -64.0688000 | 0.02 | 1.0 | 3 | 2 | 3 | 1 | 0 | 0 | | 2 | 1 | M1a |
| SA5101505 | 10021671 | 20 | 432628 | 6039720 | 23I/09 | 54.502550 | -64.0403500 | 0.008 | 1.0 | 2 | 2 | 4 | 3 | 0 | 0 | | 2 | 2 | M1a |
| SA5101506 | 10021672 | 20 | 433362 | 6041143 | 23I/09 | 54.515433 | -64.0293500 | 0.10 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101507 | 10021673 | 20 | 431261 | 6041313 | 23I/09 | 54.516683 | -64.0618333 | 0.05 | 6.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101508 | 10021674 | 20 | 429192 | 6040659 | 23I/09 | 54.510517 | -64.0936333 | 0.06 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101509 | 10021675 | 20 | 426417 | 6040957 | 23I/09 | 54.512800 | -64.1365500 | 0.001 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101510 | -9 | 20 | 425212 | 6040730 | 23I/09 | 54.510583 | -64.1551000 | 0.16 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101511 | 10021677 | 20 | 423182 | 6042259 | 23I/09 | 54.524017 | -64.1868500 | 0.006 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101512 | 10021678 | 20 | 419487 | 6040638 | 23I/09 | 54.508883 | -64.2434833 | 0.02 | 1.0 | 2 | 2 | 4 | 1 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101513 | -9 | 20 | 416556 | 6040387 | 23I/09 | 54.506150 | -64.2886667 | 0.014 | 1.0 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101514 | 10021681 | 20 | 416471 | 6042073 | 23I/09 | 54.521283 | -64.2904500 | 0.008 | 1.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 2 | 2 | M2aq |
| SA5101515 | -9 | 20 | 418763 | 6042532 | 23I/09 | 54.525783 | -64.2551833 | 0.019 | 0.5 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 2 | M2aq |
| SA5101516 | 10021683 | 20 | 415732 | 6043157 | 23I/09 | 54.530900 | -64.3021833 | 0.03 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101517 | 10021684 | 20 | 414060 | 6044891 | 23I/09 | 54.546200 | -64.3285167 | 0.03 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M2aq |
| SA5101518 | 10021685 | 20 | 417189 | 6044953 | 23I/09 | 54.547283 | -64.2801667 | 1.0 | 1.5 | 2 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101519 | -9 | 20 | 419725 | 6044355 | 23I/09 | 54.542317 | -64.2408167 | 0.07 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101520 | 10021687 | 20 | 426695 | 6039057 | 23I/08 | 54.495767 | -64.1317833 | 0.02 | 1.5 | 3 | 2 | 2 | 5 | 0 | 2 | | 1 | 1 | M1a |
| SA5101521 | 10021688 | 20 | 421516 | 6045949 | 23I/09 | 54.556917 | -64.2135667 | 0.03 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101522 | 10021689 | 20 | 422929 | 6046353 | 23I/09 | 54.560767 | -64.1918333 | 0.06 | 1.5 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101523 | 10021691 | 20 | 423522 | 6045123 | 23I/09 | 54.549800 | -64.1823333 | 0.003 | 1.0 | 4 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101524 | 10021692 | 20 | 424425 | 6045176 | 23I/09 | 54.550417 | -64.1684000 | 0.012 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101525 | 10021693 | 20 | 426094 | 6042674 | 23I/09 | 54.528183 | -64.1419667 | 0.4 | 10.5 | 1 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101526 | 10021694 | 20 | 426608 | 6043471 | 23I/09 | 54.535417 | -64.1342333 | 0.05 | 10.0 | 1 | 2 | 3 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101527 | 10021695 | 20 | 429601 | 6042583 | 23I/09 | 54.527867 | -64.0877667 | 0.006 | 1.5 | 1 | 2 | 7 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101528 | 10021696 | 20 | 431170 | 6043348 | 23I/09 | 54.534950 | -64.0637167 | 0.3 | 1.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101529 | 10021697 | 20 | 433090 | 6042327 | 23I/09 | 54.526033 | -64.0338167 | 0.09 | 2.0 | 5 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101530 | -9 | 20 | 433387 | 6045168 | 23I/09 | 54.551600 | -64.0298667 | 0.005 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | M1a |
| SA5101531 | 10021699 | 20 | 431162 | 6045294 | 23I/09 | 54.552433 | -64.0642833 | 6.0 | 3.5 | 1 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101532 | 10021701 | 20 | 428417 | 6045356 | 23I/09 | 54.552617 | -64.1067333 | 0.19 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101533 | 10021702 | 20 | 457450 | 6031021 | 13L/05 | 54.427067 | -63.6558333 | 0.006 | 7.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101534 | 10021703 | 20 | 458032 | 6031795 | 13L/05 | 54.434067 | -63.6469833 | 0.007 | 1.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101535 | 10021704 | 20 | 461000 | 6031809 | 13L/05 | 54.434433 | -63.6012333 | 0.03 | 1.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101536 | 10021705 | 20 | 463700 | 6030279 | 13L/05 | 54.420883 | -63.5594167 | 0.019 | 0.5 | 2 | 2 | 2 | 1 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101537 | 10021706 | 20 | 465117 | 6030773 | 13L/05 | 54.425417 | -63.5376500 | 0.006 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101538 | 10021707 | 20 | 465452 | 6028207 | 13L/05 | 54.402383 | -63.5321833 | 0.02 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101539 | -9 | 20 | 425858 | 6042652 | 23I/09 | 54.527950 | -64.1456167 | 0.4 | -9 | 1 | 2 | -9 | -9 | 0 | 2 | | 1 | 1 | M1a |
| SA5101540 | 10021709 | 20 | 465364 | 6027210 | 23I/09 | 54.393417 | -63.5334167 | 0.02 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101541 | -9 | 20 | 464774 | 6025330 | 13L/05 | 54.376483 | -63.5422833 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 1 | | 3 | 1 | ANtgn |
| SA5101542 | 10021712 | 20 | 433345 | 6046415 | 23I/09 | 54.562800 | -64.0308000 | 0.03 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101543 | 10021713 | 20 | 431747 | 6047331 | 23I/09 | 54.570817 | -64.0557167 | 0.005 | 0.5 | 3 | 2 | 4 | 2 | 0 | 0 | | 3 | 1 | M1a |
| SA5101544 | 10021714 | 20 | 428347 | 6045204 | 23I/09 | 54.551233 | -64.1077833 | 0.19 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101545 | 10021715 | 20 | 426872 | 6046025 | 23I/09 | 54.558400 | -64.1307833 | 0.4 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101546 | 10021716 | 20 | 428273 | 6047110 | 23I/09 | 54.568350 | -64.1093833 | 0.12 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101547 | 10021717 | 20 | 428137 | 6048733 | 23I/09 | 54.582917 | -64.1118833 | 0.015 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101548 | 10021718 | 20 | 426835 | 6047698 | 23I/09 | 54.573433 | -64.1317667 | 0.3 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101549 | 10021719 | 20 | 424878 | 6048624 | 23I/09 | 54.581467 | -64.1622833 | 0.3 | 6.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101550 | 10021721 | 20 | 423488 | 6048045 | 23I/09 | 54.576050 | -64.1836333 | 0.02 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101551 | -9 | 20 | 464913 | 6025335 | 13L/05 | 54.376533 | -63.5401500 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 2 | | 3 | 1 | ANtgn |
| SA5101552 | 10021723 | 20 | 421403 | 6049677 | 23I/09 | 54.590400 | -64.2163167 | 0.06 | 0.5 | 3 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M1a |
| SA5101553 | 10021724 | 20 | 417512 | 6046823 | 23I/09 | 54.564133 | -64.2757000 | 0.10 | 1.5 | 3 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101554 | 10021725 | 20 | 416390 | 6048617 | 23I/09 | 54.580067 | -64.2935667 | 0.015 | 2.0 | 3 | 2 | 4 | 1 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101555 | 10021726 | 20 | 415650 | 6050886 | 23I/09 | 54.600333 | -64.3056667 | 0.03 | 7.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M2aq |
| SA5101556 | 10021727 | 20 | 416174 | 6050915 | 23I/09 | 54.600683 | -64.2975667 | 0.005 | 2.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | M2aq |
| SA5101557 | 10021728 | 20 | 419671 | 6051683 | 23I/09 | 54.608150 | -64.2436500 | 0.012 | 1.0 | 3 | 2 | 4 | 1 | 0 | 0 | | 3 | 2 | M2aq |
| SA5101558 | 10021729 | 20 | 421113 | 6050678 | 23I/09 | 54.599350 | -64.2210667 | 0.05 | 1.0 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | A-Pggn |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | 10021731 | 20 | 423796 | 6051610 | 23I/09 | 54.608133 | -64.1797833 | 0.03 | 1.0 | 3 | 2 | 6 | 1 | 0 | 0 | | 3 | 2 | M1a |
| SA5101560 | 10021732 | 20 | 425404 | 6051008 | 23I/09 | 54.602967 | -64.1547500 | 0.07 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101561 | 10021733 | 20 | 427170 | 6049958 | 23I/09 | 54.593783 | -64.1271500 | 6.0 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101562 | 10021734 | 20 | 428053 | 6050856 | 23I/09 | 54.601983 | -64.1137167 | 0.08 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101563 | 10021735 | 20 | 430244 | 6049809 | 23I/09 | 54.592883 | -64.0795500 | 0.003 | 1.0 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101564 | 10021736 | 20 | 430375 | 6050566 | 23I/09 | 54.599700 | -64.0777000 | 6.0 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101565 | 10021737 | 20 | 429238 | 6051750 | 23I/09 | 54.610183 | -64.0955833 | 0.004 | 2.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101566 | 10021738 | 20 | 428172 | 6052103 | 23I/09 | 54.613200 | -64.1121667 | 0.02 | 0.3 | 2 | 2 | 4 | 5 | 0 | 1 | | 3 | 2 | M1a |
| SA5101567 | 10021739 | 20 | 426157 | 6052363 | 23I/09 | 54.615250 | -64.1434333 | 0.12 | 3.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101568 | 10021741 | 20 | 425452 | 6053736 | 23I/09 | 54.627483 | -64.1547000 | 0.14 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101569 | 10021742 | 20 | 423762 | 6054262 | 23I/09 | 54.631950 | -64.1810000 | 0.012 | 2.0 | 3 | 2 | 5 | 1 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101570 | 10021743 | 20 | 422623 | 6053531 | 23I/09 | 54.625217 | -64.1984500 | 0.07 | 1.0 | 3 | 2 | 4 | 1 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101571 | 10021744 | 20 | 422928 | 6064493 | 23I/09 | 54.723750 | -64.1966167 | 0.07 | 8.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1g |
| SA5101572 | 10021745 | 20 | 421567 | 6062793 | 23I/09 | 54.708267 | -64.2172833 | 0.3 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1g |
| SA5101573 | 10021746 | 20 | 428203 | 6052189 | 23I/09 | 54.613983 | -64.1117167 | 0.02 | 2.0 | 2 | 2 | 5 | 3 | 0 | 2 | | 3 | 2 | M1a |
| SA5101574 | 10021747 | 20 | 422497 | 6061376 | 23I/09 | 54.695683 | -64.2024833 | 0.07 | 1.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101575 | 10021748 | 20 | 418573 | 6059711 | 23I/09 | 54.680100 | -64.2628833 | 0.02 | 1.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101576 | 10021749 | 20 | 422944 | 6058777 | 23I/09 | 54.672400 | -64.1948667 | 0.011 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101577 | 10021751 | 20 | 423611 | 6057783 | 23I/09 | 54.663567 | -64.1842667 | 0.017 | 1.0 | 3 | 2 | 7 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101578 | 10021752 | 20 | 425415 | 6058235 | 23I/09 | 54.667900 | -64.1564167 | 0.08 | 1.5 | 1 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101579 | 10021753 | 20 | 427490 | 6057376 | 23I/09 | 54.660483 | -64.1240333 | 0.04 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101580 | 10021754 | 20 | 426245 | 6056046 | 23I/09 | 54.648350 | -64.1430000 | 0.3 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101581 | 10021755 | 20 | 425857 | 6054754 | 23I/09 | 54.636683 | -64.1486833 | 0.9 | 3.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101582 | 10021756 | 20 | 424274 | 6056926 | 23I/09 | 54.655967 | -64.1737667 | 0.11 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101583 | 10021757 | 20 | 420829 | 6057265 | 23I/09 | 54.658483 | -64.2272333 | 0.09 | 0.5 | 2 | 2 | 8 | 5 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101584 | -9 | 20 | 418068 | 6057717 | 23I/09 | 54.662100 | -64.2701500 | 0.03 | -9 | 2 | 3 | -9 | -9 | 0 | 0 | | 2 | 1 | M1g |
| SA5101585 | 10021759 | 20 | 420835 | 6054239 | 23I/09 | 54.631300 | -64.2263333 | 0.03 | 1.0 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101586 | 10021761 | 20 | 419360 | 6052429 | 23I/09 | 54.614800 | -64.2486667 | 0.03 | 0.5 | 2 | 2 | 4 | 5 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101587 | 10021762 | 20 | 420770 | 6052990 | 23I/09 | 54.620067 | -64.2270000 | 0.006 | 1.0 | 2 | 2 | 4 | 5 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101588 | 10021763 | 20 | 433002 | 6049625 | 23I/09 | 54.591600 | -64.0368333 | 0.8 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101589 | -9 | 20 | 433868 | 6051235 | 23I/09 | 54.606183 | -64.0238000 | 0.002 | 0.5 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 2 | M1a |
| SA5101590 | 10021765 | 20 | 435153 | 6050236 | 23I/09 | 54.597367 | -64.0036833 | 0.05 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101591 | 10021766 | 20 | 434921 | 6048332 | 23I/09 | 54.580233 | -64.0068500 | 0.005 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101592 | 10021767 | 20 | 435298 | 6047028 | 13L/12 | 54.568567 | -64.0007333 | 0.008 | 1.5 | 3 | 2 | 2 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101593 | 10021768 | 20 | 437264 | 6049427 | 13L/12 | 54.590367 | -63.9708500 | 0.012 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101594 | 10021769 | 20 | 438005 | 6050711 | 13L/12 | 54.602000 | -63.9596500 | 0.6 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101595 | 10021771 | 20 | 440360 | 6050385 | 13L/12 | 54.599350 | -63.9231333 | 0.016 | 1.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101596 | 10021772 | 20 | 440914 | 6049990 | 13L/12 | 54.595867 | -63.9144833 | 0.8 | 3.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101597 | -9 | 20 | 440247 | 6047473 | 13L/12 | 54.573167 | -63.9243000 | 0.7 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101598 | 10021774 | 20 | 438801 | 6046817 | 13L/12 | 54.567100 | -63.9465167 | 0.007 | 1.0 | 3 | 2 | 6 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101599 | 10021775 | 20 | 435236 | 6047087 | 13L/12 | 54.569083 | -64.0017167 | 0.008 | 1.0 | 3 | 2 | 2 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101600 | 10021776 | 20 | 437570 | 6047568 | 13L/12 | 54.573700 | -63.9657167 | 0.16 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101601 | 10021777 | 20 | 438802 | 6048202 | 13L/12 | 54.579550 | -63.9468000 | 0.017 | 2.0 | 3 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101602 | 10021778 | 20 | 442907 | 6049364 | 13L/12 | 54.590467 | -63.8835167 | 0.04 | 5.0 | 4 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101603 | 10021779 | 20 | 443464 | 6051274 | 13L/12 | 54.607700 | -63.8752667 | 0.16 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101604 | -9 | 20 | 443728 | 6052221 | 13L/12 | 54.616233 | -63.8713667 | 0.004 | -9 | 1 | 3 | -9 | -9 | 0 | 0 | | 2 | 1 | M1a |
| SA5101605 | 10021782 | 20 | 445037 | 6052748 | 13L/12 | 54.621117 | -63.8512000 | 0.011 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101606 | 10021783 | 20 | 445399 | 6051397 | 13L/12 | 54.609017 | -63.8453333 | 0.11 | 1.5 | 1 | 2 | 5 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101607 | 10021784 | 20 | 444937 | 6049194 | 13L/12 | 54.589167 | -63.8520833 | 0.03 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101608 | 10021785 | 20 | 446930 | 6049539 | 13L/12 | 54.592483 | -63.8213000 | 0.012 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101609 | 10021786 | 20 | 445271 | 6051599 | 13L/12 | 54.610817 | -63.8473667 | 0.11 | 1.0 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101610 | -9 | 20 | 446679 | 6051289 | 13L/12 | 54.608183 | -63.8255000 | 0.004 | 1.0 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101611 | 10021788 | 20 | 446749 | 6053256 | 13L/12 | 54.625867 | -63.8247833 | 0.08 | 2.5 | 1 | 3 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101612 | 10021789 | 20 | 447278 | 6054146 | 13L/12 | 54.633917 | -63.8167500 | 0.06 | 2.5 | 5 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101613 | -9 | 20 | 451839 | 6064894 | 13L/12 | 54.730950 | -63.7478667 | 0.011 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101614 | 10021792 | 20 | 449713 | 6065302 | 13L/12 | 54.734417 | -63.7809500 | 0.14 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101615 | 10021793 | 20 | 447884 | 6065420 | 13L/12 | 54.735283 | -63.8093667 | 0.03 | 2.5 | 5 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101616 | 10021794 | 20 | 451545 | 6063046 | 13L/12 | 54.714317 | -63.7521333 | 0.04 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101617 | 10021795 | 20 | 451562 | 6061335 | 13L/12 | 54.698950 | -63.7515833 | 0.014 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101618 | 10021796 | 20 | 453082 | 6062558 | 13L/12 | 54.710083 | -63.7282000 | 0.02 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101619 | 10021797 | 20 | 453910 | 6060829 | 13L/12 | 54.694617 | -63.7150667 | 0.006 | 1.0 | 2 | 2 | 2 | 5 | 0 | 0 | | 2 | 1 | A-Pggn |

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | 10021798 | 20 | 454612 | 6060755 | 13L/12 | 54.694017 | -63.7041667 | 0.02 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101621 | -9 | 20 | 457127 | 6060994 | 13L/12 | 54.696383 | -63.6651833 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101622 | 10021801 | 20 | 459534 | 6061020 | 13L/12 | 54.696817 | -63.6278500 | 0.03 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101623 | 10021802 | 20 | 461603 | 6060807 | 13L/12 | 54.695067 | -63.5957167 | 0.003 | 0.5 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 2 | A-Pg |
| SA5101624 | 10021803 | 20 | 463159 | 6060915 | 13L/12 | 54.696150 | -63.5716000 | 0.001 | 1.0 | 2 | 2 | 5 | 5 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101625 | 10021804 | 20 | 465225 | 6062744 | 13L/12 | 54.712733 | -63.5397667 | 0.4 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Pg |
| SA5101626 | 10021805 | 20 | 466357 | 6063447 | 13L/12 | 54.719133 | -63.5222667 | 0.2 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101627 | 10021806 | 20 | 466931 | 6040896 | 13L/12 | 54.516517 | -63.5108167 | 0.06 | 3.5 | 5 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101628 | 10021807 | 20 | 466733 | 6039692 | 13L/12 | 54.505683 | -63.5137333 | 0.2 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101629 | 10021808 | 20 | 463798 | 6039633 | 13L/12 | 54.504950 | -63.5590500 | 0.12 | 1.0 | 3 | 2 | 3 | 4 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101630 | 10021809 | 20 | 465436 | 6041516 | 13L/12 | 54.521983 | -63.5339833 | 0.03 | 2.5 | 5 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101631 | 10021811 | 20 | 463990 | 6040965 | 13L/12 | 54.516933 | -63.5562500 | 0.008 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101632 | 10021812 | 20 | 460724 | 6040849 | 13L/12 | 54.515650 | -63.6066833 | 0.009 | 2.5 | 3 | 2 | 13 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101633 | 10021813 | 20 | 459493 | 6039374 | 13L/12 | 54.502300 | -63.6255000 | 0.008 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101634 | 10021814 | 20 | 459458 | 6041055 | 13L/12 | 54.517400 | -63.6262667 | 0.3 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101635 | 10021815 | 20 | 457074 | 6039662 | 13L/12 | 54.504683 | -63.6628833 | 0.09 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101636 | 10021816 | 20 | 456377 | 6041404 | 13L/12 | 54.520283 | -63.6739167 | 0.13 | 1.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101637 | 10021817 | 20 | 463822 | 6039679 | 13L/12 | 54.505367 | -63.5586833 | 0.12 | 1.0 | 3 | 2 | 13 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101638 | 10021818 | 20 | 454453 | 6040935 | 13L/12 | 54.515900 | -63.7035500 | 0.04 | 2.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101639 | 10021819 | 20 | 452964 | 6041218 | 13L/12 | 54.518300 | -63.7266000 | 0.015 | 1.5 | 3 | 2 | 4 | 2 | 0 | 0 | | 1 | 1 | M1a |
| SA5101640 | 10021821 | 20 | 451294 | 6041135 | 13L/12 | 54.517400 | -63.7523833 | 0.04 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101641 | 10021822 | 20 | 450451 | 6039349 | 13L/12 | 54.501267 | -63.7651000 | 0.03 | 3.0 | 1 | 2 | 7 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101642 | 10021823 | 20 | 448097 | 6040707 | 13L/12 | 54.513233 | -63.8016833 | 0.04 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101643 | 10021824 | 20 | 446650 | 6041044 | 13L/12 | 54.516117 | -63.8241000 | 0.003 | 1.0 | 7 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101644 | 10021825 | 20 | 444606 | 6041085 | 13L/12 | 54.516267 | -63.8556667 | 0.5 | 5.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101645 | 10021826 | 20 | 442561 | 6040962 | 13L/12 | 54.514933 | -63.8872333 | 0.09 | 6.0 | 1 | 2 | 5 | 3 | 0 | 1 | | 1 | 2 | M1a |
| SA5101646 | 10021827 | 20 | 441820 | 6039575 | 13L/12 | 54.502383 | -63.8984000 | 0.4 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101647 | 10021828 | 20 | 441446 | 6041193 | 13L/12 | 54.516883 | -63.9045000 | 0.04 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101648 | 10021829 | 20 | 439057 | 6041410 | 13L/12 | 54.518550 | -63.9414500 | 0.05 | 2.0 | 7 | 2 | 3 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101649 | 10021831 | 20 | 437230 | 6040691 | 13L/12 | 54.511867 | -63.9695167 | 0.009 | 1.5 | 3 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101650 | 10021832 | 20 | 435704 | 6041436 | 13L/12 | 54.518367 | -63.9932333 | 0.06 | 1.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 3 | 2 | M1a |
| SA5101651 | -9 | 20 | 436515 | 6043359 | 13L/12 | 54.535750 | -63.9811333 | 0.05 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101652 | -9 | 20 | 435505 | 6044699 | 13L/12 | 54.547667 | -63.9970333 | 0.003 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | M1a |
| SA5101653 | 10021835 | 20 | 437361 | 6045076 | 13L/12 | 54.551283 | -63.9684167 | 0.15 | 1.5 | 1 | 2 | 4 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101654 | 10021836 | 20 | 442586 | 6041008 | 13L/12 | 54.515350 | -63.8868500 | 0.09 | 5.0 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101655 | 10021837 | 20 | 438652 | 6043276 | 13L/12 | 54.535267 | -63.9480833 | 0.03 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101656 | 10021838 | 20 | 438800 | 6045296 | 13L/12 | 54.553433 | -63.9462167 | 0.2 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101657 | 10021839 | 20 | 440755 | 6044687 | 13L/12 | 54.548200 | -63.9158833 | 0.010 | 2.5 | 7 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101658 | -9 | 20 | 440686 | 6042433 | 13L/12 | 54.527933 | -63.9164833 | 0.007 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | M1a |
| SA5101659 | 10021842 | 20 | 443390 | 6042456 | 13L/12 | 54.528450 | -63.8747167 | 0.019 | 2.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101660 | 10021843 | 20 | 443387 | 6044639 | 13L/12 | 54.548067 | -63.8751833 | 0.006 | 2.5 | 3 | 2 | 8 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101661 | 10021844 | 20 | 443336 | 6044617 | 13L/12 | 54.547867 | -63.8759667 | 0.006 | 2.5 | 1 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101662 | 10021845 | 20 | 443271 | 6046553 | 13L/12 | 54.565250 | -63.8773500 | 0.5 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101663 | 10021846 | 20 | 443243 | 6046666 | 13L/12 | 54.566267 | -63.8778000 | 0.5 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101664 | 10021847 | 20 | 444681 | 6045350 | 13L/12 | 54.554600 | -63.8553167 | 0.006 | 1.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101665 | 10021848 | 20 | 445239 | 6043409 | 13L/12 | 54.537217 | -63.8463333 | 0.003 | 0.5 | 1 | 2 | 2 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101666 | 10021849 | 20 | 447155 | 6042874 | 13L/12 | 54.532617 | -63.8166167 | 0.04 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101667 | 10021851 | 20 | 446668 | 6045219 | 13L/12 | 54.553633 | -63.8245667 | 0.013 | 1.5 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101668 | 10021852 | 20 | 445584 | 6047138 | 13L/12 | 54.570767 | -63.8416833 | 0.02 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101669 | 10021853 | 20 | 447245 | 6047907 | 13L/12 | 54.577850 | -63.8161333 | 0.4 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101670 | 10021854 | 20 | 448281 | 6045556 | 13L/12 | 54.556833 | -63.7997000 | 0.03 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101671 | 10021855 | 20 | 443387 | 6044632 | 13L/12 | 54.548000 | -63.8751833 | 0.006 | 2.0 | 1 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101672 | 10021856 | 20 | 448921 | 6046395 | 13L/12 | 54.564433 | -63.7899500 | 0.13 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101673 | 10021857 | 20 | 448359 | 6043717 | 13L/12 | 54.540317 | -63.7981667 | 0.5 | 3.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101674 | 10021858 | 20 | 450367 | 6044682 | 13L/12 | 54.549183 | -63.7673000 | 0.8 | 2.0 | 1 | 2 | 7 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101675 | 10021859 | 20 | 451433 | 6043507 | 13L/12 | 54.538733 | -63.7506333 | 0.019 | 1.5 | 6 | 2 | 2 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101676 | 10021861 | 20 | 452725 | 6045180 | 13L/12 | 54.553883 | -63.7309333 | 0.002 | -9 | 4 | 3 | -9 | -9 | 0 | 0 | | 3 | 1 | M1a |
| SA5101677 | -9 | 20 | 453394 | 6042929 | 13L/12 | 54.533717 | -63.7202333 | 0.004 | 2.0 | 6 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | M1a |
| SA5101678 | 10021863 | 20 | 454269 | 6044695 | 13L/12 | 54.549667 | -63.7069833 | 0.08 | 7.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101679 | 10021864 | 20 | 455213 | 6043131 | 13L/12 | 54.535700 | -63.6921500 | 0.19 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101680 | -9 | 20 | 456801 | 6045360 | 13L/12 | 54.555867 | -63.6679333 | 0.04 | 0.5 | 3 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | ANtgn |

# Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | 10021866 | 20 | 457114 | 6043096 | 13L/12 | 54.535550 | -63.6627667 | 0.12 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101682 | 10021867 | 20 | 458276 | 6045201 | 13L/12 | 54.554567 | -63.6451167 | 0.07 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101683 | 10021868 | 20 | 459217 | 6043522 | 13L/12 | 54.539550 | -63.6303333 | 0.5 | 1.5 | 1 | 2 | 5 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101684 | 10021869 | 20 | 459189 | 6043611 | 13L/12 | 54.540350 | -63.6307833 | 0.5 | 1.0 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101685 | -9 | 20 | 460945 | 6045465 | 13L/12 | 54.557150 | -63.6038833 | 0.010 | -9 | 5 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101686 | 10021872 | 20 | 461511 | 6043331 | 13L/12 | 54.538017 | -63.5948500 | 0.05 | 2.0 | 5 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101687 | 10021873 | 20 | 462113 | 6044786 | 13L/12 | 54.551133 | -63.5857333 | 0.08 | 1.5 | 5 | 3 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101688 | 10021874 | 20 | 463007 | 6043232 | 13L/12 | 54.537233 | -63.5717167 | 0.12 | 2.5 | 5 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101689 | 10021875 | 20 | 465545 | 6043008 | 13L/12 | 54.535400 | -63.5324667 | 0.4 | 2.5 | 5 | 2 | 6 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101690 | -9 | 20 | 466701 | 6043229 | 13L/12 | 54.537467 | -63.5146333 | 0.004 | -9 | 5 | 3 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101691 | 10021877 | 20 | 450562 | 6059328 | 13L/12 | 54.680817 | -63.7667500 | 0.008 | 1.0 | 1 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | M1a |
| SA5101692 | 10021878 | 20 | 452685 | 6059218 | 13L/12 | 54.680033 | -63.7338167 | 0.007 | 1.0 | 6 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101693 | 10021879 | 20 | 455820 | 6058864 | 13L/12 | 54.677133 | -63.6851500 | 0.010 | 1.0 | 3 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101694 | 10021881 | 20 | 457208 | 6058969 | 13L/12 | 54.678200 | -63.6636333 | 0.03 | 2.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101695 | 10021882 | 20 | 459129 | 6058705 | 13L/12 | 54.675983 | -63.6338000 | 0.08 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101696 | 10021883 | 20 | 460721 | 6059288 | 13L/12 | 54.681350 | -63.6092000 | 0.05 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101697 | 10021884 | 20 | 462687 | 6058594 | 13L/12 | 54.675267 | -63.5786167 | 0.06 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101698 | 10021885 | 20 | 464663 | 6059265 | 13L/12 | 54.681433 | -63.5480667 | 0.3 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101699 | 10021886 | 20 | 464852 | 6060013 | 13L/12 | 54.688167 | -63.5452167 | 0.011 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101700 | 10021887 | 20 | 466611 | 6061474 | 13L/12 | 54.701417 | -63.5181000 | 0.013 | 1.0 | 1 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101701 | -9 | 20 | 466511 | 6058483 | 13L/12 | 54.674533 | -63.5193167 | 0.002 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101702 | 10021889 | 20 | 465722 | 6057610 | 13L/12 | 54.666633 | -63.5314500 | 0.013 | 1.0 | 3 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101703 | 10021891 | 20 | 463712 | 6057601 | 13L/12 | 54.666417 | -63.5626000 | 0.09 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101704 | 10021892 | 20 | 460494 | 6057408 | 13L/12 | 54.664433 | -63.6124667 | 0.03 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101705 | 10021893 | 20 | 458691 | 6057394 | 13L/12 | 54.664167 | -63.6404167 | 0.2 | 2.0 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101706 | 10021894 | 20 | 457153 | 6057080 | 13L/12 | 54.661217 | -63.6642167 | 0.010 | 1.0 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101707 | 10021895 | 20 | 454601 | 6057155 | 13L/12 | 54.661667 | -63.7037833 | 0.09 | 3.0 | 1 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101708 | 10021896 | 20 | 453367 | 6056665 | 13L/12 | 54.657150 | -63.7228333 | 0.013 | 1.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101709 | 10021897 | 20 | 455816 | 6055459 | 13L/12 | 54.646533 | -63.6846833 | 0.09 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101710 | 10021898 | 20 | 456945 | 6055823 | 13L/12 | 54.649900 | -63.6672500 | 0.10 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101711 | 10021899 | 20 | 458611 | 6055319 | 13L/12 | 54.645517 | -63.6413667 | 0.05 | 1.0 | 3 | 2 | 13 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101712 | 10021901 | 20 | 461243 | 6055207 | 13L/12 | 54.644717 | -63.6005667 | 0.016 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101713 | 10021902 | 20 | 454544 | 6057280 | 13L/12 | 54.662783 | -63.7046833 | 0.09 | 4.0 | 1 | 2 | 3 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101714 | 10021903 | 20 | 462641 | 6054581 | 13L/12 | 54.639200 | -63.5788167 | 0.17 | 1.0 | 6 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101715 | 10021904 | 20 | 465577 | 6054970 | 13L/12 | 54.642900 | -63.5333833 | 0.008 | 1.0 | 2 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101716 | 10021905 | 20 | 466358 | 6056709 | 13L/12 | 54.658583 | -63.5214833 | 0.10 | 4.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101717 | 10021906 | 20 | 466928 | 6054548 | 13L/12 | 54.639200 | -63.5124000 | 0.010 | 1.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101718 | 10021907 | 20 | 466756 | 6052886 | 13L/12 | 54.624250 | -63.5148833 | 0.08 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101719 | 10021908 | 20 | 464583 | 6052401 | 13L/12 | 54.619750 | -63.5484667 | 0.6 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101720 | 10021909 | 20 | 463481 | 6052110 | 13L/12 | 54.617050 | -63.5655000 | 0.013 | 1.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101721 | -9 | 20 | 460764 | 6052203 | 13L/12 | 54.617683 | -63.6075833 | 0.015 | -9 | 1 | 3 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101722 | 10021912 | 20 | 459571 | 6052866 | 13L/12 | 54.623550 | -63.6261500 | 0.016 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 2 | 2 | A-Pggn |
| SA5101723 | 10021913 | 20 | 456899 | 6054065 | 13L/12 | 54.634100 | -63.6677000 | 0.3 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101724 | 10021914 | 20 | 455732 | 6053006 | 13L/12 | 54.624483 | -63.6856167 | 0.10 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101725 | 10021915 | 20 | 452547 | 6051532 | 13L/12 | 54.610950 | -63.7347000 | 0.02 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101726 | 10021916 | 20 | 450876 | 6051340 | 13L/12 | 54.609067 | -63.7605500 | 0.012 | 1.5 | 6 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101727 | 10021917 | 20 | 449814 | 6053982 | 13L/12 | 54.632700 | -63.7774333 | 0.02 | 1.5 | 6 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | M1a |
| SA5101728 | 10021918 | 20 | 448871 | 6053173 | 13L/12 | 54.625333 | -63.7919000 | 0.06 | 1.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101729 | 10021919 | 20 | 449073 | 6050893 | 13L/12 | 54.604867 | -63.7883833 | 0.005 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | M1a |
| SA5101730 | 10021921 | 20 | 448944 | 6049637 | 13L/12 | 54.593567 | -63.7901500 | 0.013 | 2.5 | 3 | 2 | 5 | 3 | 0 | 1 | | 1 | 1 | M1a |
| SA5101731 | 10021922 | 20 | 451871 | 6048681 | 13L/12 | 54.585267 | -63.7447000 | 0.2 | 2.0 | 1 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | M1a |
| SA5101732 | 10021923 | 20 | 453335 | 6048376 | 13L/12 | 54.582667 | -63.7220000 | 0.007 | 1.5 | 1 | 2 | 8 | 1 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101733 | 10021924 | 20 | 448877 | 6049686 | 13L/12 | 54.594000 | -63.7912000 | 0.013 | 2.0 | 3 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | M1a |
| SA5101734 | 10021925 | 20 | 454694 | 6049123 | 13L/12 | 54.589500 | -63.7011000 | 0.02 | 1.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101735 | 10021926 | 20 | 454901 | 6050660 | 13L/12 | 54.603333 | -63.6981333 | 0.008 | 2.0 | 3 | 2 | 8 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101736 | 10021927 | 20 | 456378 | 6050978 | 13L/12 | 54.606317 | -63.6753167 | 0.07 | 8.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101737 | 10021928 | 20 | 457129 | 6049545 | 13L/12 | 54.593500 | -63.6634833 | 0.002 | 1.5 | 2 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101738 | -9 | 20 | 458782 | 6050759 | 13L/12 | 54.604550 | -63.6380667 | 0.02 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101739 | 10021931 | 20 | 459190 | 6049247 | 13L/12 | 54.591000 | -63.6315500 | 0.09 | 2.5 | 3 | 2 | 4 | 1 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101740 | -9 | 20 | 461440 | 6050485 | 13L/12 | 54.602300 | -63.5968833 | 0.005 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101741 | 10021933 | 20 | 461635 | 6049091 | 13L/12 | 54.589783 | -63.5936833 | 0.009 | 1.5 | 3 | 2 | 4 | 4 | 0 | 1 | | 3 | 1 | ANtgn |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | 10021934 | 20 | 462770 | 6050189 | 13L/12 | 54.599733 | -63.5762667 | 0.02 | 3.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101743 | 10021935 | 20 | 463119 | 6048932 | 13L/12 | 54.588467 | -63.5707000 | 0.007 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101744 | 10021936 | 20 | 464229 | 6051061 | 13L/12 | 54.607683 | -63.5537833 | 0.06 | 1.5 | 1 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101745 | 10021937 | 20 | 465245 | 6048921 | 13L/12 | 54.588517 | -63.5378000 | 0.3 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101746 | 10021938 | 20 | 466953 | 6051059 | 13L/12 | 54.607850 | -63.5116167 | 0.003 | 3.0 | 3 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101747 | -9 | 20 | 466934 | 6048964 | 13L/12 | 54.589017 | -63.5116833 | 0.003 | -9 | 5 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101748 | 10021941 | 20 | 467094 | 6047525 | 13L/12 | 54.576100 | -63.5090333 | 0.04 | 2.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101749 | 10021942 | 20 | 465306 | 6047297 | 13L/12 | 54.573933 | -63.5366667 | 0.06 | 1.5 | 3 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101750 | 10021943 | 20 | 461675 | 6049142 | 13L/12 | 54.590250 | -63.5930833 | 0.009 | 1.5 | 3 | 2 | 4 | 4 | 0 | 2 | | 3 | 1 | ANtgn |
| SA5101751 | -9 | 20 | 462514 | 6046658 | 13L/12 | 54.567983 | -63.5797833 | 0.003 | -9 | 5 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101752 | 10021945 | 20 | 460123 | 6046457 | 13L/12 | 54.566000 | -63.6167333 | 0.15 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101753 | -9 | 20 | 458436 | 6046738 | 13L/12 | 54.568383 | -63.6428500 | 0.015 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101754 | -9 | 20 | 456640 | 6047235 | 13L/12 | 54.572700 | -63.6707000 | 0.05 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101755 | 10021948 | 20 | 455542 | 6047316 | 13L/12 | 54.573333 | -63.6877000 | 0.07 | 2.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101756 | -9 | 20 | 453934 | 6046722 | 13L/12 | 54.567850 | -63.7124833 | 0.008 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101757 | 10021951 | 20 | 451065 | 6046635 | 13L/12 | 54.566800 | -63.7568333 | 0.003 | 0.5 | 3 | 2 | 4 | 5 | 0 | 0 | | 3 | 1 | M1a |
| SA5101758 | 10021952 | 20 | 466643 | 6030874 | 13L/05 | 54.426433 | -63.5141333 | 0.15 | 1.5 | 3 | 2 | 6 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101759 | 10021953 | 20 | 467209 | 6029190 | 13L/05 | 54.411333 | -63.5052333 | 0.04 | 1.5 | 2 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101760 | 10021954 | 20 | 462526 | 6029096 | 13L/05 | 54.410167 | -63.5773667 | 0.004 | 1.0 | 2 | 2 | 4 | 4 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101761 | 10021955 | 20 | 461170 | 6028733 | 13L/05 | 54.406800 | -63.5982000 | 0.03 | 1.0 | 2 | 2 | 4 | 2 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101762 | 10021956 | 20 | 455698 | 6028738 | 13L/05 | 54.406400 | -63.6825000 | 0.010 | 2.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | P2ss |
| SA5101763 | 10021957 | 20 | 455923 | 6027720 | 13L/05 | 54.397267 | -63.6788833 | 0.001 | 0.5 | 2 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101764 | -9 | 20 | 461649 | 6027023 | 13L/05 | 54.391467 | -63.5906000 | 0.007 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101765 | -9 | 20 | 463356 | 6027105 | 13L/05 | 54.392333 | -63.5643333 | 0.016 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101766 | 10021961 | 20 | 467493 | 6085139 | 13L/13 | 54.914133 | -63.5070667 | 0.12 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101767 | -9 | 20 | 465807 | 6084773 | 13L/13 | 54.910733 | -63.5333333 | 0.09 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101768 | 10021963 | 20 | 463005 | 6084168 | 13L/13 | 54.905100 | -63.5769500 | 0.08 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Psgn |
| SA5101769 | 10021964 | 20 | 461854 | 6084604 | 13L/13 | 54.908933 | -63.5949667 | 0.04 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 3 | 1 | A-Psgn |
| SA5101770 | 10021965 | 20 | 459607 | 6084581 | 13L/13 | 54.908550 | -63.6300000 | 0.004 | 0.5 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101771 | -9 | 20 | 454945 | 6085403 | 13L/13 | 54.915533 | -63.7028333 | 0.015 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101772 | 10021967 | 20 | 452742 | 6084771 | 13L/13 | 54.909650 | -63.7371000 | 0.02 | 0.5 | 3 | 2 | 2 | 5 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101773 | 10021968 | 20 | 453930 | 6083113 | 13L/13 | 54.894867 | -63.7183000 | 0.019 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101774 | 10021969 | 20 | 454556 | 6083164 | 13L/13 | 54.895383 | -63.7085500 | 0.007 | 1.0 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101775 | 10021971 | 20 | 456587 | 6083053 | 13L/13 | 54.894567 | -63.6768667 | 0.6 | 1.0 | 3 | 2 | 3 | 3 | 0 | 1 | | 3 | 1 | A-Pggn |
| SA5101776 | 10021972 | 20 | 459169 | 6083530 | 13L/13 | 54.899067 | -63.6366833 | 0.11 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101777 | 10021973 | 20 | 461150 | 6082309 | 13L/13 | 54.888250 | -63.6056333 | 0.008 | 1.0 | 2 | 2 | 2 | 5 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101778 | 10021974 | 20 | 462739 | 6083616 | 13L/13 | 54.900117 | -63.5810333 | 0.09 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101779 | 10021975 | 20 | 458341 | 6082525 | 13L/13 | 54.889967 | -63.6494500 | 0.6 | 2.0 | 3 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | A-Pggn |
| SA5101780 | 10021976 | 20 | 465315 | 6082668 | 13L/13 | 54.891783 | -63.5407500 | 0.005 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 3 | 2 | A-Psgn |
| SA5101781 | -9 | 20 | 467279 | 6083362 | 13L/13 | 54.898150 | -63.5102167 | 0.015 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Psgn |
| SA5101782 | 10021978 | 20 | 466691 | 6080823 | 13L/13 | 54.875300 | -63.5190833 | 0.004 | 0.5 | 2 | 2 | 2 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101783 | 10021979 | 20 | 464693 | 6080124 | 13L/13 | 54.868883 | -63.5501333 | 0.04 | 1.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101784 | 10021981 | 20 | 463227 | 6080451 | 13L/13 | 54.871717 | -63.5730167 | 0.007 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101785 | -9 | 20 | 460859 | 6081050 | 13L/13 | 54.876917 | -63.6100000 | 0.018 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101786 | 10021983 | 20 | 467054 | 6026895 | 13L/05 | 54.390700 | -63.5073667 | 0.009 | 0.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101787 | 10021984 | 20 | 463690 | 6025040 | 13L/05 | 54.373800 | -63.5589333 | 0.04 | 0.5 | 2 | 2 | 3 | 3 | 0 | 1 | | 1 | 1 | ANtgn |
| SA5101788 | 10021985 | 20 | 462054 | 6024660 | 13L/05 | 54.370267 | -63.5840667 | 0.010 | 2.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101789 | 10021986 | 20 | 458901 | 6025064 | 13L/05 | 54.373650 | -63.6326500 | 0.007 | 1.0 | 2 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101790 | 10021987 | 20 | 457634 | 6024606 | 13L/05 | 54.369433 | -63.6520833 | 0.10 | 1.5 | 3 | 2 | 3 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101791 | 10021988 | 20 | 466634 | 6069241 | 13L/13 | 54.771217 | -63.5186333 | 0.005 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101792 | 10021989 | 20 | 465241 | 6068504 | 13L/13 | 54.764500 | -63.5402000 | 0.011 | 1.0 | 2 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101793 | -9 | 20 | 466150 | 6070879 | 13L/13 | 54.785900 | -63.5263500 | 0.04 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101794 | -9 | 20 | 464438 | 6070975 | 13L/13 | 54.786650 | -63.5529833 | 0.013 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101795 | -9 | 20 | 466525 | 6072699 | 13L/13 | 54.802283 | -63.5207333 | 0.010 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101796 | 10021994 | 20 | 464260 | 6073412 | 13L/13 | 54.808533 | -63.5560500 | 0.012 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101797 | -9 | 20 | 467240 | 6074986 | 13L/13 | 54.822883 | -63.5098667 | 0.03 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101798 | -9 | 20 | 465287 | 6075381 | 13L/13 | 54.826300 | -63.5403167 | 0.017 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | Aa |
| SA5101799 | 10021997 | 20 | 466578 | 6077009 | 13L/13 | 54.841017 | -63.5204000 | 0.4 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101800 | 10021998 | 20 | 463851 | 6024898 | 13L/05 | 54.372533 | -63.5564333 | 0.04 | 1.0 | 2 | 2 | 2 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101801 | -9 | 20 | 464714 | 6076760 | 13L/13 | 54.838650 | -63.5494000 | 0.009 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101802 | 10022001 | 20 | 466815 | 6079366 | 13L/13 | 54.862217 | -63.5169833 | 0.04 | 1.0 | 3 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | 10022002 | 20 | 465263 | 6079372 | 13L/13 | 54.862167 | -63.5411667 | 0.03 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101804 | 10022003 | 20 | 463620 | 6078970 | 13L/13 | 54.858433 | -63.5667000 | 0.014 | 1.5 | 2 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101805 | 10022004 | 20 | 461484 | 6078871 | 13L/13 | 54.857383 | -63.5999667 | 0.02 | 1.5 | 2 | 2 | 5 | 3 | 0 | 0 | | 2 | 1 | A-Pggn |
| SA5101806 | 10022005 | 20 | 463554 | 6077752 | 13L/13 | 54.847483 | -63.5675833 | 0.3 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101807 | 10022006 | 20 | 461906 | 6076681 | 13L/13 | 54.837733 | -63.5931000 | 0.005 | 0.5 | 1 | 2 | 4 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101808 | 10022007 | 20 | 462143 | 6075799 | 13L/13 | 54.829833 | -63.5893000 | 0.008 | 2.0 | 2 | 2 | 2 | 3 | 0 | 0 | | 2 | 1 | ANtgn |
| SA5101809 | 10022008 | 20 | 461349 | 6074738 | 13L/13 | 54.820233 | -63.6015167 | 0.017 | 1.0 | 2 | 2 | 5 | 3 | 0 | 0 | | 2 | 2 | ANtgn |
| SA5101810 | -9 | 20 | 462695 | 6073437 | 13L/13 | 54.808650 | -63.5804000 | 17.0 | 2.0 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101811 | 10022011 | 20 | 460812 | 6072847 | 13L/13 | 54.803200 | -63.6096167 | 0.011 | 1.0 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101812 | 10022012 | 20 | 462317 | 6071627 | 13L/13 | 54.792350 | -63.5860500 | 0.06 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101813 | 10022013 | 20 | 461301 | 6071175 | 13L/13 | 54.788217 | -63.6017833 | 0.2 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101814 | 10022014 | 20 | 462379 | 6069957 | 13L/13 | 54.777350 | -63.5848667 | 0.08 | 2.0 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | A-Pg |
| SA5101815 | 10022015 | 20 | 460517 | 6069140 | 13L/13 | 54.769867 | -63.6137000 | 0.17 | 2.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101816 | -9 | 20 | 458215 | 6069012 | 13L/13 | 54.768533 | -63.6494667 | 0.010 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | A-Pg |
| SA5101817 | 10022017 | 20 | 456674 | 6068842 | 13L/13 | 54.766867 | -63.6733833 | 0.07 | 1.5 | 1 | 2 | 2 | 3 | 0 | 1 | | 2 | 1 | A-Pg |
| SA5101818 | -9 | 20 | 458076 | 6067129 | 13L/13 | 54.751600 | -63.6513500 | 0.03 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 2 | 1 | A-Pg |
| SA5101819 | 10022019 | 20 | 461675 | 6067817 | 13L/13 | 54.758067 | -63.5955333 | 0.012 | 4.5 | 1 | 2 | 3 | 3 | 0 | 0 | | 2 | 1 | A-Pg |
| SA5101820 | 10022021 | 20 | 456942 | 6068731 | 13L/13 | 54.765900 | -63.6692000 | 0.07 | 1.5 | 1 | 2 | 5 | 3 | 0 | 2 | | 1 | 1 | A-Pg |
| SA5101821 | 10022022 | 20 | 456621 | 6070806 | 13L/13 | 54.784517 | -63.6745000 | 0.012 | 1.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | A-Pg |
| SA5101822 | 10022023 | 20 | 459436 | 6071507 | 13L/13 | 54.791050 | -63.6308333 | 0.003 | 0.5 | 1 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | A-Pg |
| SA5101823 | 10022024 | 20 | 458574 | 6072194 | 13L/13 | 54.797150 | -63.6443333 | 0.03 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101824 | 10022025 | 20 | 456434 | 6072257 | 13L/13 | 54.797533 | -63.6776333 | 0.05 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101825 | 10022026 | 20 | 455405 | 6073224 | 13L/13 | 54.806133 | -63.6937833 | 0.5 | 4.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101826 | 10022027 | 20 | 458820 | 6075157 | 13L/13 | 54.823800 | -63.6409333 | 0.08 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101827 | -9 | 20 | 456330 | 6075483 | 13L/13 | 54.826517 | -63.6797333 | 0.05 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101828 | 10022029 | 20 | 459224 | 6078314 | 13L/13 | 54.852200 | -63.6350833 | 0.04 | 1.0 | 1 | 2 | 5 | 4 | 0 | 1 | | 3 | 1 | ANtgn |
| SA5101829 | 10022031 | 20 | 456809 | 6077222 | 13L/13 | 54.842183 | -63.6725333 | 0.017 | 0.5 | 1 | 2 | 4 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101830 | 10022032 | 20 | 458333 | 6078732 | 13L/13 | 54.855883 | -63.6490167 | 0.05 | 1.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101831 | 10022033 | 20 | 457002 | 6079238 | 13L/13 | 54.860317 | -63.6698333 | 0.04 | 1.0 | 3 | 2 | 8 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101832 | 10022034 | 20 | 458348 | 6081210 | 13L/13 | 54.878150 | -63.6491500 | 0.10 | 2.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101833 | 10022035 | 20 | 456441 | 6081462 | 13L/13 | 54.880250 | -63.6789000 | 1.7 | 4.5 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101834 | -9 | 20 | 455181 | 6079085 | 13L/13 | 54.858783 | -63.6981667 | 0.009 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101835 | 10022037 | 20 | 453246 | 6076599 | 13L/13 | 54.836267 | -63.7279167 | 0.004 | 1.0 | 2 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101836 | 10022038 | 20 | 459280 | 6078130 | 13L/13 | 54.850550 | -63.6341833 | 0.04 | 1.0 | 3 | 2 | 5 | 4 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101837 | 10022039 | 20 | 454596 | 6076886 | 13L/13 | 54.838967 | -63.7069333 | 0.018 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 2 | ANtgn |
| SA5101838 | 10022041 | 20 | 452509 | 6075056 | 13L/13 | 54.822333 | -63.7391333 | 0.05 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pg |
| SA5101839 | 10022042 | 20 | 454600 | 6074814 | 13L/13 | 54.820350 | -63.7065500 | 0.07 | 2.0 | 1 | 2 | 5 | 4 | 0 | 0 | | 1 | 2 | A-Pg |
| SA5101840 | 10022043 | 20 | 453396 | 6073023 | 13L/13 | 54.804150 | -63.7250000 | 0.05 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101841 | -9 | 20 | 450949 | 6072988 | 13L/13 | 54.803600 | -63.7630500 | 0.3 | 5.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | A-Pggn |
| SA5101842 | 10022045 | 20 | 451413 | 6071692 | 13L/13 | 54.792000 | -63.7556167 | 0.03 | 2.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101843 | 10022046 | 20 | 453805 | 6071289 | 13L/13 | 54.788600 | -63.7183667 | 0.04 | 2.0 | 3 | 2 | 5 | 4 | 0 | 0 | | 3 | 1 | A-Pggn |
| SA5101844 | 10022047 | 20 | 455248 | 6070588 | 13L/13 | 54.782433 | -63.6958167 | 0.03 | 1.5 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 1 | A-Pg |
| SA5101845 | 10022048 | 20 | 453042 | 6069386 | 13L/13 | 54.771433 | -63.7299167 | 0.08 | 2.0 | 3 | 2 | 4 | 4 | 0 | 1 | | 3 | 1 | A-Pggn |
| SA5101846 | 10022049 | 20 | 451321 | 6068933 | 13L/13 | 54.767200 | -63.7565833 | 0.10 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101847 | 10022051 | 20 | 453152 | 6069246 | 13L/13 | 54.770183 | -63.7281833 | 0.08 | 2.0 | 3 | 2 | 5 | 4 | 0 | 2 | | 3 | 1 | A-Pggn |
| SA5101848 | 10022052 | 20 | 454276 | 6068758 | 13L/13 | 54.765900 | -63.7106333 | 0.02 | 1.0 | 3 | 2 | 4 | 4 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101849 | 10022053 | 20 | 455261 | 6067227 | 13L/13 | 54.752233 | -63.6951000 | 0.07 | 3.0 | 1 | 2 | 6 | 3 | 0 | 0 | | 3 | 2 | A-Pggn |
| SA5101850 | 10022054 | 20 | 455669 | 6024617 | 13L/05 | 54.369367 | -63.6823333 | 0.04 | 1.0 | 2 | 2 | 8 | 4 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101851 | 10022055 | 20 | 456885 | 6023141 | 13L/05 | 54.356200 | -63.6634000 | 0.002 | 1.0 | 2 | 2 | 4 | 5 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101852 | 10022056 | 20 | 458824 | 6021296 | 13L/05 | 54.339783 | -63.6333167 | 0.006 | 0.5 | 2 | 2 | 8 | 5 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101853 | 10022057 | 20 | 454797 | 6023387 | 13L/05 | 54.358233 | -63.6955667 | 0.018 | 0.5 | 2 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101854 | 10022058 | 20 | 453096 | 6022571 | 13L/05 | 54.350750 | -63.7216167 | 0.05 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101855 | 10022059 | 20 | 453682 | 6021668 | 13L/05 | 54.342683 | -63.7124500 | 0.006 | 0.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101856 | 10022061 | 20 | 454429 | 6021141 | 13L/05 | 54.338017 | -63.7008833 | 0.02 | 1.5 | 3 | 2 | 4 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101857 | 10022062 | 20 | 457360 | 6020929 | 13L/05 | 54.336367 | -63.6557833 | 0.08 | 2.0 | 3 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101858 | -9 | 20 | 460861 | 6022743 | 13L/05 | 54.352950 | -63.6021833 | 0.005 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101859 | 10022064 | 20 | 462460 | 6020139 | 13L/05 | 54.329667 | -63.5772500 | 0.2 | 2.0 | 2 | 2 | 2 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101860 | 10022065 | 20 | 462748 | 6023442 | 13L/05 | 54.359367 | -63.5732333 | 0.05 | 3.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101861 | -9 | 20 | 465154 | 6022905 | 13L/05 | 54.354717 | -63.5361500 | 0.03 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101862 | -9 | 20 | 466698 | 6021605 | 13L/05 | 54.343133 | -63.5122500 | 0.017 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101863 | 10022068 | 20 | 465300 | 6021263 | 13L/05 | 54.339967 | -63.5337167 | 0.11 | 2.0 | 2 | 2 | 2 | 3 | 0 | 1 | | 1 | 1 | ANtgn |

## Appendix 1 - Open File LAB/1616

| FldNum | SedLabNum | UtmZone | UtmEast | UtmNorth | NTSmap | Lat_NAD27 | Long_NAD27 | Area_km2 | Depth_m | Veg | WaterLevel | SedColour | Comp | Contam | SiteDup | Mineralztn | WaterColr | WatSusp | Lithology |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | 10022069 | 20 | 462253 | 6019123 | 13L/05 | 54.320517 | -63.5803000 | 0.13 | 1.5 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101865 | 10022071 | 20 | 458259 | 6018395 | 13L/05 | 54.313667 | -63.6416000 | 0.08 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101866 | 10022072 | 20 | 455537 | 6019298 | 13L/05 | 54.321550 | -63.6835667 | 0.04 | 1.5 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101867 | -9 | 20 | 453452 | 6017163 | 13L/05 | 54.302183 | -63.7152833 | 0.008 | -9 | 2 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101868 | 10022074 | 20 | 465001 | 6021334 | 13L/05 | 54.340583 | -63.5383167 | 0.11 | 2.0 | 2 | 2 | 2 | 3 | 0 | 2 | | 1 | 1 | ANtgn |
| SA5101869 | 10022075 | 20 | 456491 | 6017171 | 13L/05 | 54.302517 | -63.6686000 | 0.019 | 2.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101870 | 10022076 | 20 | 460992 | 6017516 | 13L/05 | 54.305983 | -63.5994833 | 0.10 | 1.0 | 2 | 2 | 3 | 3 | 0 | 0 | | 1 | 2 | ANtgn |
| SA5101871 | 10022077 | 20 | 462584 | 6015678 | 13L/05 | 54.289583 | -63.5747833 | 0.005 | 2.5 | 1 | 2 | 5 | 3 | 0 | 0 | | 3 | 1 | ANtgn |
| SA5101872 | 10022078 | 20 | 484039 | 6035350 | 13L/06 | 54.467500 | -63.2462500 | 0.07 | 1.5 | 1 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101873 | -9 | 20 | 481454 | 6034852 | 13L/06 | 54.462933 | -63.2861000 | 0.014 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101874 | 10022081 | 20 | 478201 | 6034658 | 13L/06 | 54.461067 | -63.3362667 | 0.03 | 2.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101875 | 10022082 | 20 | 474100 | 6035058 | 13L/06 | 54.464467 | -63.3995667 | 0.07 | 2.0 | 1 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101876 | -9 | 20 | 470939 | 6034217 | 13L/06 | 54.456733 | -63.4482500 | 0.012 | -9 | 1 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101877 | 10022084 | 20 | 469026 | 6035731 | 13L/06 | 54.470233 | -63.4779167 | 0.03 | 3.0 | 3 | 2 | 2 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101878 | 10022085 | 20 | 471085 | 6037584 | 13L/06 | 54.487000 | -63.4463333 | 0.03 | 2.0 | 3 | 2 | 2 | 3 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101879 | -9 | 20 | 475332 | 6036882 | 13L/06 | 54.480917 | -63.3807167 | 0.4 | -9 | 3 | 2 | -9 | -9 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101880 | 10022087 | 20 | 481032 | 6036411 | 13L/06 | 54.476933 | -63.2927167 | 0.3 | 1.0 | 1 | 2 | 5 | 1 | 0 | 0 | | 1 | 1 | ANtgn |
| SA5101881 | 10022088 | 20 | 486281 | 6037043 | 13L/06 | 54.482783 | -63.2117500 | 0.004 | 1.5 | 3 | 2 | 5 | 3 | 0 | 0 | | 1 | 1 | ANtgn |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | | 0.05 | 0.53 | 0.5 | 1 | 0.5 | 130 | 169 | 0.05 | 7 | 0.46 | 0.2 | 21 | 20 |
| SA5101072 | | 0.05 | 2.92 | 1.9 | 3 | 0.5 | 250 | 306 | 0.59 | 16 | 1.31 | 0.05 | 69 | 63 |
| SA5101073 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101074 | Quite close to road no contamination likely | 0.05 | 0.43 | 0.5 | 1 | 0.5 | 52 | 85 | 0.05 | 12 | 0.39 | 0.2 | 17 | 24 |
| SA5101075 | | 0.05 | 3.50 | 1.4 | 2 | 0.5 | 350 | 450 | 0.58 | 4 | 1.36 | 0.05 | 43 | 47 |
| SA5101076 | | 0.05 | 0.90 | 0.25 | 1 | 0.5 | 100 | 128 | 0.15 | 10 | 0.73 | 0.3 | 35 | 45 |
| SA5101077 | | 0.05 | 0.72 | 0.8 | 1 | 0.5 | 93 | 108 | 0.13 | 11 | 0.64 | 0.2 | 35 | 43 |
| SA5101078 | | 0.05 | 1.38 | 0.9 | 1 | 0.5 | 140 | 166 | 0.24 | 11 | 0.87 | 0.2 | 42 | 48 |
| SA5101079 | | 0.05 | 0.75 | 0.7 | 1 | 0.5 | 76 | 101 | 0.15 | 6 | 0.44 | 0.3 | 29 | 32 |
| SA5101080 | | 0.05 | 1.34 | 0.6 | 1 | 0.5 | 160 | 191 | 0.23 | 17 | 0.62 | 0.3 | 25 | 20 |
| SA5101081 | | 0.05 | 0.96 | 0.7 | 1 | 0.5 | 56 | 71 | 0.23 | 9 | 0.43 | 0.4 | 32 | 37 |
| SA5101082 | | 0.05 | 1.38 | 1.8 | 3 | 0.5 | 120 | 139 | 0.23 | 11 | 1.11 | 0.4 | 40 | 42 |
| SA5101083 | | 0.05 | 1.07 | 0.8 | 2 | 0.5 | 70 | 103 | 0.41 | 21 | 0.48 | 0.3 | 77 | 86 |
| SA5101084 | | 0.05 | 1.42 | 1.9 | 3 | 0.5 | 87 | 92 | 0.32 | 10 | 0.65 | 0.2 | 68 | 79 |
| SA5101085 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101086 | | 0.05 | 0.75 | 0.5 | 1 | 0.5 | 57 | 80 | 0.11 | 5 | 0.38 | 0.2 | 21 | 23 |
| SA5101087 | Road nearby: likely no contamination | 0.05 | 0.67 | 1.5 | 2 | 2 | 25 | 25 | 0.05 | 36 | 0.48 | 0.2 | 15 | 19 |
| SA5101088 | | 0.05 | 1.91 | 0.7 | 1 | 0.5 | 230 | 263 | 0.32 | 7 | 0.94 | 0.05 | 40 | 43 |
| SA5101089 | | 0.05 | 5.47 | 0.8 | 2 | 0.5 | 670 | 737 | 0.94 | 4 | 2.22 | 0.05 | 70 | 68 |
| SA5101090 | | 0.05 | 0.48 | -9 | 1 | -9 | -9 | 166 | 0.05 | -9 | 0.32 | 0.2 | -9 | 11 |
| SA5101091 | | 0.05 | 2.45 | 0.6 | 1 | 0.5 | 240 | 297 | 0.41 | 7 | 1.17 | 0.2 | 43 | 49 |
| SA5101092 | | 0.05 | 2.70 | 1.6 | 2 | 1 | 290 | 339 | 0.46 | 7 | 1.19 | 0.05 | 53 | 57 |
| SA5101093 | | 0.05 | 1.23 | 0.9 | 1 | 0.5 | 100 | 136 | 0.19 | 17 | 0.78 | 0.2 | 37 | 38 |
| SA5101094 | | 0.05 | 0.61 | 0.25 | 1 | 0.5 | 94 | 127 | 0.19 | 17 | 0.46 | 0.1 | 32 | 35 |
| SA5101095 | | 0.05 | 3.01 | 1 | 1 | 0.5 | 250 | 267 | 0.55 | 9 | 1.23 | 0.3 | 89 | 90 |
| SA5101096 | | 0.05 | 1.46 | 0.25 | 4 | 0.5 | 92 | 120 | 0.23 | 7 | 0.63 | 0.2 | 54 | 64 |
| SA5101097 | | 0.05 | 0.49 | 0.25 | 2 | 0.5 | 25 | 38 | 0.14 | 9 | 0.36 | 0.3 | 57 | 57 |
| SA5101098 | | 0.05 | 1.07 | 0.8 | 3 | 0.5 | 25 | 36 | 0.49 | 20 | 0.70 | 0.4 | 110 | 116 |
| SA5101099 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101100 | | 0.05 | 4.33 | 2 | 9 | 0.5 | 65 | 115 | 2.31 | 41 | 0.64 | 0.9 | 624 | 645 |
| SA5101101 | | 0.05 | 1.82 | -9 | 6 | -9 | -9 | 92 | 0.54 | -9 | 0.89 | 0.3 | -9 | 205 |
| SA5101102 | Decaying organic matter, no sediment, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101103 | | 0.05 | 0.90 | 2.2 | 3 | 0.5 | 66 | 119 | 0.14 | 16 | 0.42 | 0.3 | 49 | 53 |
| SA5101104 | Fed by fast flowing creek off outcrop, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101105 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101106 | | 0.05 | 0.73 | 0.8 | 1 | 0.5 | 120 | 156 | 0.15 | 17 | 0.48 | 0.3 | 34 | 37 |
| SA5101107 | | 0.05 | 0.96 | 0.25 | 1 | 0.5 | 66 | 109 | 0.16 | 13 | 0.49 | 0.3 | 48 | 50 |
| SA5101108 | | 0.05 | 0.84 | 0.25 | 1 | 2 | 200 | 214 | 0.16 | 18 | 0.47 | 0.2 | 43 | 46 |
| SA5101109 | | 0.05 | 1.46 | 0.25 | 1 | 0.5 | 120 | 141 | 0.25 | 11 | 0.83 | 0.3 | 56 | 60 |
| SA5101110 | | 0.05 | 0.85 | 0.5 | 1 | 0.5 | 84 | 107 | 0.13 | 10 | 0.56 | 0.2 | 32 | 34 |
| SA5101111 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101112 | | 0.05 | 1.59 | 0.6 | 1 | 0.5 | 25 | 78 | 0.28 | 22 | 0.39 | 0.4 | 27 | 28 |
| SA5101113 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101114 | Trees sparce | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101115 | | 0.05 | 5.57 | 0.25 | 1 | 0.5 | 480 | 517 | 0.98 | 4 | 2.46 | 0.05 | 54 | 49 |
| SA5101116 | Water sample only, very rocky bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101117 | Water sample only, very rocky bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101118 | Water sample only, decaying organic matter, no sediment | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101119 | | 0.05 | 4.42 | 0.25 | 1 | 0.5 | 350 | 480 | 0.68 | 9 | 1.42 | 0.05 | 24 | 27 |
| SA5101120 | | 0.05 | 0.79 | 0.6 | 1 | 0.5 | 84 | 117 | 0.12 | 11 | 0.65 | 0.05 | 10 | 22 |
| SA5101121 | Esker nearby | 0.05 | 1.07 | 0.25 | 1 | 0.5 | 100 | 126 | 0.16 | 12 | 0.54 | 0.1 | 41 | 45 |
| SA5101122 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101123 | Some outcrop | 0.05 | 1.02 | 0.6 | 1 | 0.5 | 110 | 157 | 0.25 | 19 | 0.46 | 0.05 | 58 | 59 |
| SA5101124 | Moved from planned location to larger lake, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101125 | Minor clastic component | 0.05 | 6.47 | 0.8 | 3 | 0.5 | 510 | 562 | 1.10 | 4 | 2.66 | 0.05 | 62 | 64 |
| SA5101126 | | 0.05 | 2.37 | 1.6 | 3 | 0.5 | 150 | 200 | 0.50 | 19 | 0.78 | 0.2 | 73 | 74 |
| SA5101127 | | 0.05 | 5.06 | 2.1 | 4 | 0.5 | 360 | 435 | 0.93 | 9 | 1.91 | 0.1 | 65 | 71 |
| SA5101128 | | 0.05 | 0.36 | 1.8 | 1 | 0.5 | 67 | 77 | 0.05 | 11 | 0.53 | 0.2 | 7 | 6 |
| SA5101129 | | 0.05 | 0.61 | 0.25 | 1 | 1 | 150 | 210 | 0.15 | 13 | 0.31 | 0.05 | 32 | 37 |
| SA5101130 | | 0.05 | 2.83 | 1 | 4 | 0.5 | 140 | 153 | 0.48 | 25 | 0.88 | 0.3 | 120 | 132 |
| SA5101131 | | 0.05 | 1.88 | 0.6 | 3 | 0.5 | 80 | 113 | 0.50 | 21 | 0.57 | 0.5 | 140 | 166 |

# Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | Sample site dried up, moved nearby | 0.05 | 0.40 | 0.25 | 1 | 0.5 | 87 | 101 | 0.10 | 12 | 0.51 | 0.2 | 8 | 13 |
| SA5101133 | | 0.05 | 0.26 | 3.2 | 3 | 0.5 | 25 | 22 | 0.05 | 8 | 0.31 | 0.1 | 1.5 | 8 |
| SA5101134 | Moved from planned location to larger hole, water sample only | 0.05 | 0.39 | 0.25 | 1 | 0.5 | 71 | 102 | 0.05 | 17 | 0.58 | 0.2 | 25 | 28 |
| SA5101135 | | 0.05 | 1.83 | 0.25 | 3 | 0.5 | 84 | 115 | 0.33 | 27 | 0.79 | 0.1 | 82 | 102 |
| SA5101136 | | 0.05 | 2.44 | 0.25 | 1 | 0.5 | 230 | 260 | 0.39 | 15 | 1.01 | 0.05 | 22 | 23 |
| SA5101137 | | 0.05 | 1.19 | 0.9 | 1 | 0.5 | 84 | 93 | 0.29 | 14 | 0.39 | 0.4 | 37 | 50 |
| SA5101138 | | 0.05 | 0.53 | 0.6 | 1 | 0.5 | 92 | 103 | 0.11 | 14 | 0.46 | 0.2 | 13 | 19 |
| SA5101139 | | 0.05 | 1.52 | 0.9 | 1 | 0.5 | 150 | 164 | 0.28 | 11 | 0.68 | 0.3 | 44 | 50 |
| SA5101140 | | 0.05 | 0.65 | 0.7 | 1 | 0.5 | 81 | 114 | 0.05 | 19 | 0.25 | 0.1 | 17 | 20 |
| SA5101141 | | 0.05 | 1.06 | 0.7 | 1 | 0.5 | 96 | 111 | 0.27 | 15 | 0.45 | 0.3 | 29 | 39 |
| SA5101142 | | 0.05 | 1.01 | 0.25 | 1 | 0.5 | 100 | 121 | 0.20 | 16 | 0.61 | 0.1 | 56 | 67 |
| SA5101143 | Road and cabin nearby | 0.05 | 0.50 | 0.25 | 1 | 0.5 | 25 | 45 | 0.10 | 10 | 0.30 | 0.1 | 43 | 46 |
| SA5101144 | | 0.05 | 0.79 | 0.25 | 1 | 0.5 | 25 | 54 | 0.12 | 7 | 0.42 | 0.1 | 44 | 59 |
| SA5101145 | | 0.05 | 0.56 | 0.25 | 1 | 0.5 | 25 | 74 | 0.16 | 12 | 0.41 | 0.3 | 22 | 27 |
| SA5101146 | | 0.05 | 1.09 | 0.5 | 3 | 0.5 | 25 | 70 | 0.25 | 19 | 0.49 | 0.2 | 100 | 115 |
| SA5101147 | | 0.05 | 3.43 | 1.3 | 3 | 0.5 | 200 | 256 | 0.64 | 13 | 1.39 | 0.6 | 83 | 95 |
| SA5101148 | | 0.05 | 3.93 | 1.1 | 3 | 0.5 | 290 | 339 | 0.72 | 15 | 1.63 | 0.2 | 83 | 93 |
| SA5101149 | | 0.05 | 0.48 | 4.6 | 4 | 0.5 | 210 | 249 | 0.12 | 18 | 0.88 | 0.1 | 9 | 13 |
| SA5101150 | | 0.05 | 1.19 | 0.8 | 1 | 0.5 | 99 | 113 | 0.25 | 13 | 0.55 | 0.2 | 36 | 48 |
| SA5101151 | Could only retrieve small amount for sediment sample | 0.05 | 0.89 | 0.25 | 2 | 0.5 | 100 | 132 | 0.24 | 12 | 0.47 | 0.05 | 50 | 68 |
| SA5101152 | | 0.05 | 2.11 | -9 | 4 | -9 | -9 | 181 | 0.85 | -9 | 0.97 | 0.3 | -9 | 188 |
| SA5101153 | | 0.05 | 0.91 | 0.7 | 2 | 0.5 | 120 | 134 | 0.35 | 18 | 0.52 | 0.2 | 65 | 78 |
| SA5101154 | | 0.05 | 5.52 | 0.25 | 3 | 0.5 | 620 | 670 | 1.55 | 5 | 2.19 | 0.05 | 79 | 73 |
| SA5101155 | | 0.05 | 1.57 | 0.25 | 3 | 0.5 | 130 | 184 | 1.02 | 12 | 0.57 | 0.2 | 130 | 139 |
| SA5101156 | | 0.05 | 1.19 | 0.25 | 1 | 0.5 | 130 | 157 | 0.89 | 23 | 1.18 | 0.4 | 66 | 73 |
| SA5101157 | | 0.05 | 4.67 | -9 | 1 | -9 | -9 | 567 | 1.49 | -9 | 1.83 | 0.05 | -9 | 73 |
| SA5101158 | Too rocky, moved to small lake nearby | 0.05 | 5.95 | 0.25 | 3 | 0.5 | 660 | 719 | 1.94 | 5 | 2.49 | 0.05 | 120 | 100 |
| SA5101159 | | 0.05 | 3.45 | 0.9 | 3 | 0.5 | 330 | 414 | 1.44 | 9 | 1.50 | 0.1 | 89 | 83 |
| SA5101160 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101161 | | 0.05 | 0.71 | 0.9 | 1 | 0.5 | 120 | 154 | 0.57 | 18 | 0.37 | 0.05 | 48 | 54 |
| SA5101162 | | 0.05 | 2.10 | 0.8 | 2 | 0.5 | 170 | 205 | 0.68 | 27 | 0.49 | 0.2 | 69 | 68 |
| SA5101163 | Water sample level low | 0.05 | 1.35 | 0.7 | 3 | 0.5 | 91 | 108 | 0.71 | 11 | 0.61 | 0.2 | 110 | 121 |
| SA5101164 | Water sample level low | 0.05 | 1.92 | 0.7 | 2 | 0.5 | 240 | 283 | 0.72 | 8 | 0.89 | 0.05 | 100 | 102 |
| SA5101165 | | -9 | 1.53 | -9 | 8 | -9 | -9 | 213 | 0.54 | -9 | 0.85 | 0.05 | -9 | 73 |
| SA5101166 | | 0.05 | 1.14 | 0.25 | 1 | 0.5 | 84 | 122 | 0.47 | 27 | 0.25 | 0.1 | 42 | 42 |
| SA5101167 | | 0.05 | 6.09 | 0.25 | 1 | 0.5 | 660 | 662 | 1.73 | 7 | 2.13 | 0.05 | 52 | 44 |
| SA5101168 | | 0.05 | 0.94 | 0.9 | 4 | 0.5 | 120 | 154 | 1.03 | 15 | 0.53 | 0.2 | 120 | 122 |
| SA5101169 | | -9 | 3.53 | 1.4 | 3 | 0.5 | 210 | 251 | 0.55 | 32 | 0.88 | 0.3 | 82 | 72 |
| SA5101170 | | 0.05 | 5.82 | 2.3 | 3 | 0.5 | 470 | 591 | 1.01 | 5 | 2.28 | 0.05 | 56 | 59 |
| SA5101171 | | 0.05 | 0.60 | 2.3 | 3 | 0.5 | 66 | 87 | 0.11 | 8 | 0.67 | 0.05 | 25 | 30 |
| SA5101172 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101173 | | 0.05 | 1.26 | 0.8 | 3 | 0.5 | 51 | 60 | 0.37 | 18 | 0.54 | 0.2 | 93 | 97 |
| SA5101174 | | 0.05 | 0.51 | 0.25 | 1 | 0.5 | 94 | 130 | 0.17 | 17 | 0.30 | 0.1 | 26 | 27 |
| SA5101175 | | 0.05 | 0.30 | 0.25 | 1 | 0.5 | 25 | 26 | 0.05 | 10 | 0.35 | 0.1 | 1.5 | 14 |
| SA5101176 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101177 | Dried up, moved to nearby lake | -9 | 1.64 | 0.6 | 1 | 0.5 | 85 | 116 | 0.41 | 11 | 0.61 | 0.3 | 50 | 60 |
| SA5101178 | | 0.05 | 1.13 | 0.7 | 1 | 0.5 | 76 | 89 | 0.25 | 11 | 0.58 | 0.2 | 56 | 65 |
| SA5101179 | | -9 | 0.38 | 0.6 | 1 | 0.5 | 87 | 95 | 0.05 | 13 | 0.23 | 0.05 | 9 | 9 |
| SA5101180 | | -9 | 0.79 | -9 | 1 | -9 | -9 | 86 | 0.23 | -9 | 0.63 | 0.4 | -9 | 35 |
| SA5101181 | Dried up, moved to nearby lake, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101182 | Dried up, moved to nearby lake | 0.05 | 1.11 | 0.7 | 1 | 0.5 | 80 | 123 | 0.24 | 16 | 0.50 | 0.2 | 53 | 59 |
| SA5101183 | Water only, gravel pit/quarry nearby | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101184 | | 0.05 | 1.38 | 1.2 | 2 | 0.5 | 100 | 114 | 0.30 | 12 | 0.67 | 0.3 | 47 | 55 |
| SA5101185 | | 0.05 | 6.99 | 0.25 | 2 | 0.5 | 500 | 563 | 1.06 | 5 | 2.95 | 0.05 | 63 | 58 |
| SA5101186 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101187 | | 0.05 | 3.85 | 0.6 | 2 | 0.5 | 300 | 345 | 0.72 | 11 | 1.53 | 0.05 | 76 | 74 |
| SA5101188 | | 0.05 | 4.25 | 0.8 | 4 | 0.5 | 280 | 309 | 0.80 | 15 | 1.57 | 0.3 | 130 | 132 |
| SA5101189 | | 0.05 | 4.79 | 0.25 | 1 | 0.5 | 300 | 377 | 0.78 | 5 | 1.97 | 0.05 | 42 | 43 |
| SA5101190 | | 0.05 | 1.10 | 1.6 | 2 | 0.5 | 83 | 102 | 0.18 | 10 | 1.10 | 0.1 | 18 | 25 |
| SA5101191 | | 0.05 | 0.68 | 1.5 | 3 | 0.5 | 97 | 133 | 0.11 | 12 | 0.85 | 0.1 | 26 | 29 |
| SA5101192 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

# Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | | -9 | 10.72 | -9 | 16 | -9 | -9 | 1168 | 3.12 | -9 | 2.07 | 0.7 | -9 | 378 |
| SA5101194 | | 0.05 | 1.28 | 1.9 | 2 | 0.5 | 210 | 251 | 0.23 | 14 | 0.79 | 0.05 | 26 | 36 |
| SA5101195 | | 0.05 | 3.11 | 1.3 | 3 | 0.5 | 220 | 293 | 0.48 | 5 | 1.32 | 0.05 | 34 | 39 |
| SA5101196 | | 0.05 | 3.05 | 1.7 | 2 | 0.5 | 180 | 235 | 0.54 | 12 | 1.16 | 0.3 | 77 | 82 |
| SA5101197 | | 0.05 | 1.31 | 1.7 | 1 | 0.5 | 84 | 116 | 0.28 | 14 | 0.61 | 0.3 | 35 | 49 |
| SA5101198 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101199 | | -9 | 0.50 | 1.3 | 1 | 0.5 | 96 | 123 | 0.05 | 18 | 0.33 | 0.2 | 1.5 | 13 |
| SA5101200 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101201 | | 0.05 | 1.52 | 0.8 | 1 | 0.5 | 120 | 124 | 0.29 | 14 | 0.67 | 0.2 | 37 | 50 |
| SA5101202 | | 0.05 | 1.10 | 1.3 | 3 | 0.5 | 56 | 77 | 0.32 | 11 | 0.43 | 0.3 | 51 | 68 |
| SA5101203 | | -9 | 1.63 | -9 | 3 | -9 | -9 | 77 | 0.75 | -9 | 0.38 | 0.8 | -9 | 146 |
| SA5101204 | | -9 | 5.23 | -9 | 4 | -9 | -9 | 442 | 0.77 | -9 | 2.50 | 0.3 | -9 | 77 |
| SA5101205 | | 0.05 | 0.86 | 0.9 | 1 | 0.5 | 59 | 63 | 0.15 | 18 | 0.77 | 0.3 | 13 | 29 |
| SA5101206 | Road nearby contamination unlikely | 0.3 | 1.62 | 0.9 | 1 | 0.5 | 120 | 153 | 0.27 | 9 | 1.18 | 0.4 | 18 | 29 |
| SA5101207 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101208 | | 0.05 | 0.74 | 0.8 | 1 | 0.5 | 62 | 72 | 0.22 | 19 | 0.59 | 0.5 | 35 | 47 |
| SA5101209 | | 0.05 | 0.70 | 0.25 | 1 | 0.5 | 62 | 73 | 0.14 | 18 | 0.48 | 0.2 | 23 | 28 |
| SA5101210 | | 0.05 | 0.88 | 1.2 | 1 | 0.5 | 58 | 58 | 0.33 | 23 | 0.72 | 0.6 | 35 | 47 |
| SA5101211 | Water sample level low | 0.05 | 1.56 | 0.8 | 1 | 0.5 | 230 | 305 | 0.39 | 10 | 0.64 | 0.2 | 63 | 65 |
| SA5101212 | | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 62 | 62 | 0.27 | 8 | 0.31 | 0.1 | 47 | 59 |
| SA5101213 | | 0.05 | 0.49 | 1.4 | 1 | 0.5 | 88 | 101 | 0.14 | 17 | 0.57 | 0.4 | 14 | 18 |
| SA5101214 | | 0.05 | 6.54 | 0.7 | 2 | 0.5 | 340 | 461 | 0.83 | 4 | 3.21 | 0.05 | 46 | 45 |
| SA5101215 | | 0.05 | 1.04 | 1.3 | 1 | 4 | 92 | 113 | 0.28 | 16 | 0.90 | 0.6 | 30 | 34 |
| SA5101216 | | 0.05 | 1.27 | 1 | 1 | 0.5 | 190 | 216 | 0.22 | 20 | 0.50 | 0.2 | 22 | 31 |
| SA5101217 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101218 | | 0.05 | 7.04 | 0.7 | 1 | 0.5 | 500 | 518 | 0.94 | 4 | 3.28 | 0.05 | 48 | 46 |
| SA5101219 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101220 | | 0.05 | 1.65 | 1.1 | 1 | 0.5 | 110 | 133 | 0.35 | 19 | 0.97 | 0.5 | 20 | 30 |
| SA5101221 | | 0.05 | 0.86 | 0.25 | 1 | 0.5 | 86 | 110 | 0.18 | 13 | 0.47 | 0.2 | 32 | 33 |
| SA5101222 | | 0.05 | 0.63 | 0.8 | 1 | 0.5 | 53 | 61 | 0.14 | 19 | 0.62 | 0.3 | 14 | 13 |
| SA5101223 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101224 | | 0.05 | 1.69 | 0.6 | 1 | 0.5 | 80 | 76 | 0.47 | 11 | 0.57 | 0.4 | 59 | 66 |
| SA5101225 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101226 | | 0.05 | 0.67 | 0.6 | 1 | 0.5 | 25 | 58 | 0.11 | 14 | 0.43 | 0.2 | 7 | 17 |
| SA5101227 | | 0.05 | 1.76 | 1 | 1 | 0.5 | 92 | 136 | 0.25 | 11 | 0.89 | 0.05 | 24 | 25 |
| SA5101228 | | -9 | 1.07 | 1 | 1 | 0.5 | 120 | 122 | 0.26 | 17 | 0.79 | 0.4 | 22 | 38 |
| SA5101229 | | 0.05 | 1.36 | 1 | 1 | 0.5 | 190 | 215 | 0.27 | 16 | 0.83 | 0.05 | 44 | 53 |
| SA5101230 | | 0.05 | 1.03 | 0.9 | 1 | 0.5 | 54 | 76 | 0.18 | 12 | 0.64 | 0.2 | 20 | 24 |
| SA5101231 | | 0.05 | 1.25 | 1.4 | 1 | 0.5 | 81 | 98 | 0.20 | 13 | 0.96 | 0.3 | 19 | 24 |
| SA5101232 | | 0.05 | 0.97 | 1.4 | 1 | 0.5 | 25 | 71 | 0.14 | 12 | 0.59 | 0.2 | 15 | 20 |
| SA5101233 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101234 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101235 | | 0.05 | 0.52 | 1 | 1 | 0.5 | 25 | 40 | 0.05 | 7 | 0.46 | 0.05 | 11 | 16 |
| SA5101236 | Quarry nearby | 0.05 | 0.53 | 0.6 | 1 | 1 | 25 | 31 | 0.05 | 7 | 0.39 | 0.05 | 10 | 11 |
| SA5101237 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101238 | | 0.05 | 0.65 | 0.9 | 1 | 0.5 | 86 | 122 | 0.12 | 18 | 0.98 | 0.2 | 1.5 | 17 |
| SA5101239 | | 0.05 | 0.79 | 0.9 | 1 | 0.5 | 84 | 99 | 0.12 | 12 | 0.94 | 0.3 | 11 | 13 |
| SA5101240 | | -9 | 1.33 | 1.4 | 2 | 0.5 | 88 | 103 | 0.21 | 23 | 0.67 | 0.2 | 44 | 48 |
| SA5101241 | | 0.05 | 1.98 | 1.1 | 3 | 0.5 | 110 | 122 | 0.46 | 32 | 0.60 | 0.4 | 76 | 101 |
| SA5101242 | | 0.05 | 1.36 | 0.25 | 3 | 0.5 | 84 | 105 | 0.23 | 18 | 0.63 | 0.1 | 35 | 34 |
| SA5101243 | | 0.05 | 0.84 | 1 | 2 | 2 | 53 | 53 | 0.11 | 28 | 0.65 | 0.05 | 19 | 31 |
| SA5101244 | | 0.05 | 1.13 | 0.25 | 1 | 0.5 | 76 | 93 | 0.14 | 11 | 0.73 | 0.1 | 18 | 22 |
| SA5101245 | | 0.05 | 1.82 | 0.8 | 1 | 0.5 | 93 | 122 | 0.27 | 23 | 0.84 | 0.2 | 43 | 51 |
| SA5101246 | | 0.05 | 0.41 | 0.25 | 1 | 0.5 | 230 | 259 | 0.05 | 15 | 0.54 | 0.05 | 11 | 14 |
| SA5101247 | | 0.05 | 4.22 | 1.8 | 1 | 0.5 | 310 | 426 | 0.72 | 5 | 1.47 | 0.05 | 18 | 53 |
| SA5101248 | | 0.05 | 2.26 | 1.5 | 2 | 0.5 | 380 | 355 | 0.39 | 14 | 1.10 | 0.05 | 47 | 19 |
| SA5101249 | | 0.2 | 0.61 | 0.7 | 1 | 0.5 | 99 | 136 | 0.05 | 34 | 0.35 | 0.1 | 1.5 | 11 |
| SA5101250 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101251 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101252 | | 0.05 | 3.55 | 0.7 | 1 | 0.5 | 310 | 359 | 0.60 | 13 | 0.96 | 0.05 | 24 | 27 |
| SA5101253 | | 0.05 | 2.55 | 0.25 | 1 | 0.5 | 180 | 211 | 0.40 | 23 | 0.56 | 0.05 | 21 | 23 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | | 0.05 | 4.18 | 3.6 | 5 | 4 | 700 | 807 | 1.08 | 5 | 0.59 | 0.05 | 35 | 45 |
| SA5101255 | | 0.05 | 1.31 | 9.3 | 9 | 0.5 | 420 | 525 | 0.28 | 20 | 0.78 | 0.05 | 21 | 27 |
| SA5101256 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101257 | | 0.05 | 0.41 | 0.25 | 1 | 0.5 | 55 | 70 | 0.14 | 18 | 1.60 | 0.2 | 37 | 42 |
| SA5101258 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101259 | | 0.05 | 0.83 | 0.25 | 1 | 0.5 | 83 | 82 | 0.16 | 15 | 0.92 | 0.3 | 24 | 27 |
| SA5101260 | | 0.05 | 0.65 | 0.25 | 1 | 2 | 57 | 59 | 0.05 | 9 | 0.66 | 0.1 | 10 | 17 |
| SA5101261 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101262 | | 0.05 | 0.45 | 0.25 | 1 | 0.5 | 25 | 65 | 0.13 | 19 | 0.49 | 0.1 | 18 | 25 |
| SA5101263 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101264 | | 0.05 | 0.67 | 1 | 1 | 0.5 | 25 | 46 | 0.17 | 13 | 0.58 | 0.3 | 30 | 35 |
| SA5101265 | | 0.05 | 1.19 | 0.7 | 2 | 0.5 | 99 | 112 | 0.24 | 9 | 0.84 | 0.2 | 40 | 51 |
| SA5101266 | | -9 | 3.15 | 0.25 | 1 | 0.5 | 210 | 218 | 0.43 | 33 | 0.63 | 0.2 | 39 | 53 |
| SA5101267 | Esker nearby | 0.05 | 0.97 | 0.6 | 1 | 0.5 | 67 | 92 | 0.23 | 7 | 0.60 | 0.1 | 24 | 33 |
| SA5101268 | | -9 | 2.57 | -9 | 2 | -9 | -9 | 171 | 0.39 | -9 | 0.59 | 0.4 | -9 | 57 |
| SA5101269 | Could be gossan; no veg, rock brown weathering, nearby pond | 0.05 | 3.80 | 0.25 | 2 | 0.5 | 210 | 283 | 0.69 | 10 | 1.95 | 0.1 | 64 | 67 |
| SA5101270 | | 0.05 | 0.87 | 1.3 | 3 | 0.5 | 72 | 78 | 0.21 | 15 | 1.28 | 0.3 | 39 | 42 |
| SA5101271 | | 0.05 | 0.70 | 0.25 | 1 | 0.5 | 25 | 61 | 0.19 | 12 | 0.61 | 0.2 | 32 | 35 |
| SA5101272 | | 0.05 | 0.84 | 0.25 | 1 | 2 | 25 | 33 | 0.22 | 11 | 0.41 | 0.1 | 39 | 41 |
| SA5101273 | Minor clastic component | 0.05 | 1.38 | 0.9 | 2 | 2 | 140 | 170 | 0.46 | 19 | 0.51 | 0.2 | 72 | 72 |
| SA5101274 | | 0.05 | 0.68 | 0.6 | 1 | 2 | 100 | 126 | 0.20 | 12 | 0.35 | 0.1 | 45 | 53 |
| SA5101275 | Some plant material dried up; nearby lake | 0.05 | 0.58 | 0.5 | 1 | 0.5 | 65 | 92 | 0.16 | 16 | 0.41 | 0.2 | 33 | 32 |
| SA5101276 | | 0.05 | 1.76 | 0.25 | 2 | 0.5 | 90 | 149 | 0.34 | 11 | 1.08 | 0.2 | 45 | 57 |
| SA5101277 | | 0.05 | 1.06 | 0.7 | 2 | 1 | 25 | 78 | 0.33 | 17 | 0.47 | 0.4 | 74 | 83 |
| SA5101278 | | 0.05 | 0.62 | 0.6 | 1 | 0.5 | 60 | 68 | 0.16 | 8 | 0.40 | 0.1 | 33 | 36 |
| SA5101279 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101280 | | 0.05 | 0.79 | 0.25 | 1 | 1 | 140 | 183 | 0.20 | 15 | 0.35 | 0.05 | 41 | 53 |
| SA5101281 | | 0.05 | 1.69 | 0.6 | 1 | 0.5 | 60 | 66 | 0.41 | 23 | 0.70 | 0.3 | 46 | 56 |
| SA5101282 | | 0.05 | 3.58 | 0.25 | 3 | 0.5 | 290 | 330 | 0.82 | 9 | 1.40 | 0.2 | 100 | 114 |
| SA5101283 | | 0.05 | 2.44 | 0.8 | 3 | 0.5 | 160 | 221 | 0.60 | 14 | 0.97 | 0.4 | 94 | 110 |
| SA5101284 | | 0.05 | 1.83 | 1.2 | 3 | 0.5 | 120 | 163 | 0.53 | 25 | 1.04 | 0.2 | 98 | 101 |
| SA5101285 | Shifted because of dry-up | -9 | 0.49 | -9 | 1 | -9 | -9 | 85 | 0.13 | -9 | 0.88 | 0.3 | -9 | 20 |
| SA5101286 | Conspicuously low water sample level, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101287 | Esker nearby | 0.05 | 1.17 | 0.25 | 1 | 0.5 | 72 | 130 | 0.28 | 7 | 0.58 | 0.05 | 35 | 40 |
| SA5101288 | | 0.05 | 0.58 | 1.7 | 3 | 0.5 | 25 | 37 | 0.21 | 16 | 0.41 | 0.3 | 29 | 38 |
| SA5101289 | | 0.05 | 1.11 | 1.5 | 3 | 0.5 | 52 | 83 | 0.41 | 23 | 0.62 | 0.3 | 67 | 70 |
| SA5101290 | Esker on S shore, steep sided outcrop on N side | 0.05 | 0.71 | 0.7 | 1 | 0.5 | 65 | 71 | 0.18 | 12 | 0.43 | 0.1 | 36 | 40 |
| SA5101291 | | 0.05 | 1.22 | 0.6 | 1 | 0.5 | 95 | 111 | 0.30 | 20 | 0.57 | 0.2 | 73 | 76 |
| SA5101292 | | 0.05 | 2.73 | 1.1 | 3 | 2 | 180 | 238 | 0.64 | 11 | 1.00 | 0.3 | 100 | 112 |
| SA5101293 | | 0.05 | 1.62 | 0.25 | 1 | 0.5 | 100 | 121 | 0.36 | 16 | 0.52 | 0.2 | 55 | 66 |
| SA5101294 | | 0.05 | 1.20 | 0.25 | 2 | 0.5 | 25 | 55 | 0.29 | 31 | 0.66 | 0.2 | 71 | 71 |
| SA5101295 | | 0.05 | 1.33 | 0.6 | 2 | 0.5 | 77 | 95 | 0.32 | 10 | 0.49 | 0.2 | 69 | 81 |
| SA5101296 | | 0.05 | 4.44 | 0.7 | 4 | 0.5 | 230 | 282 | 1.39 | 23 | 0.96 | 0.8 | 240 | 259 |
| SA5101297 | | 0.05 | 0.54 | 0.7 | 1 | 0.5 | 62 | 88 | 0.12 | 11 | 0.39 | 0.2 | 35 | 40 |
| SA5101298 | Surrounded by hills of outcrop | 0.05 | 0.38 | 0.25 | 1 | 0.5 | 25 | 55 | 0.15 | 18 | 0.86 | 0.3 | 30 | 26 |
| SA5101299 | | 0.05 | 3.16 | 0.9 | 1 | 0.5 | 200 | 223 | 0.41 | 29 | 0.77 | 0.05 | 36 | 40 |
| SA5101300 | | 0.05 | 1.70 | 0.25 | 3 | 0.5 | 60 | 57 | 0.49 | 23 | 0.36 | 0.3 | 91 | 103 |
| SA5101301 | | 0.05 | 1.66 | 1.2 | 4 | 2 | 79 | 106 | 0.49 | 28 | 0.64 | 0.3 | 110 | 121 |
| SA5101302 | Cliffs on NW side | 0.05 | 1.13 | 0.25 | 3 | 2 | 25 | 45 | 0.25 | 19 | 0.64 | 0.3 | 79 | 84 |
| SA5101303 | Esker on E shore | 0.05 | 1.64 | 0.25 | 1 | 0.5 | 98 | 128 | 0.31 | 16 | 0.85 | 0.1 | 51 | 56 |
| SA5101304 | Old burn, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101305 | Old burn | 0.05 | 0.89 | 0.7 | 1 | 2 | 25 | 67 | 0.20 | 10 | 0.67 | 0.1 | 31 | 26 |
| SA5101306 | Old burn | 0.05 | 0.40 | 0.25 | 1 | 0.5 | 25 | 25 | 0.11 | 11 | 0.51 | 0.2 | 13 | 16 |
| SA5101307 | | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 25 | 72 | 0.17 | 8 | 0.49 | 0.3 | 31 | 39 |
| SA5101308 | | 0.05 | 5.90 | 0.25 | 3 | 2 | 700 | 741 | 0.99 | 6 | 1.99 | 0.05 | 50 | 53 |
| SA5101309 | Cliffs on NW side | 0.05 | 1.00 | 0.25 | 2 | 1 | 25 | 55 | 0.25 | 13 | 0.48 | 0.2 | 75 | 76 |
| SA5101310 | | 0.05 | 0.96 | 0.8 | 1 | 0.5 | 130 | 164 | 0.17 | 19 | 0.43 | 0.3 | 21 | 23 |
| SA5101311 | | 0.05 | 0.63 | 0.7 | 1 | 0.5 | 63 | 56 | 0.17 | 14 | 0.56 | 0.4 | 20 | 22 |
| SA5101312 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101313 | | 0.05 | 6.29 | 0.25 | 3 | 0.5 | 460 | 525 | 0.82 | 11 | 2.19 | 0.05 | 45 | 38 |
| SA5101314 | | 0.05 | 0.39 | 0.25 | 1 | 0.5 | 25 | 32 | 0.21 | 13 | 0.47 | 0.3 | 35 | 30 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | | 0.05 | 0.97 | 0.6 | 1 | 0.5 | 71 | 76 | 0.20 | 19 | 0.57 | 0.3 | 30 | 28 |
| SA5101316 | Minor clastic component | 0.05 | 1.18 | 1.1 | 3 | 0.5 | 110 | 122 | 0.19 | 11 | 0.98 | 0.3 | 19 | 26 |
| SA5101317 | | 0.05 | 1.05 | 0.9 | 2 | 0.5 | 60 | 95 | 0.20 | 9 | 0.54 | 0.3 | 47 | 38 |
| SA5101318 | | 0.05 | 0.43 | 0.8 | 1 | 0.5 | 25 | 55 | 0.05 | 11 | 0.53 | 0.3 | 23 | 28 |
| SA5101319 | | 0.05 | 1.13 | 0.6 | 1 | 0.5 | 68 | 72 | 0.19 | 20 | 0.56 | 0.4 | 29 | 35 |
| SA5101320 | | 0.05 | 1.02 | 0.8 | 1 | 0.5 | 67 | 76 | 0.22 | 10 | 0.61 | 0.2 | 34 | 38 |
| SA5101321 | | 0.05 | 1.45 | 0.8 | 1 | 0.5 | 81 | 100 | 0.23 | 18 | 0.81 | 0.3 | 28 | 30 |
| SA5101322 | Minor clastic | 0.05 | 0.99 | 2.7 | 4 | 1 | 83 | 95 | 0.13 | 6 | 0.73 | 0.2 | 15 | 21 |
| SA5101323 | | 0.05 | 0.57 | 1.1 | 1 | 0.5 | 25 | 36 | 0.05 | 6 | 0.45 | 0.2 | 12 | 14 |
| SA5101324 | | 0.05 | 0.92 | 0.7 | 1 | 0.5 | 25 | 48 | 0.16 | 12 | 0.63 | 0.3 | 26 | 22 |
| SA5101325 | | 0.05 | 0.60 | 0.6 | 1 | 0.5 | 60 | 57 | 0.05 | 11 | 0.40 | 0.2 | 21 | 25 |
| SA5101326 | | 0.05 | 0.49 | 0.25 | 1 | 0.5 | 25 | 42 | 0.05 | 17 | 0.86 | 0.3 | 19 | 23 |
| SA5101327 | | 0.05 | 0.89 | 0.6 | 2 | 1 | 25 | 57 | 0.15 | 19 | 0.57 | 0.2 | 53 | 57 |
| SA5101328 | | 0.05 | 0.84 | 0.9 | 1 | 1 | 50 | 67 | 0.18 | 12 | 0.47 | 0.3 | 63 | 70 |
| SA5101329 | | 0.05 | 1.10 | 0.25 | 1 | 0.5 | 64 | 75 | 0.14 | 10 | 0.48 | 0.2 | 13 | 22 |
| SA5101330 | Minor clastic | 0.05 | 6.49 | 0.25 | 5 | 0.5 | 410 | 500 | 0.97 | 20 | 2.65 | 0.3 | 110 | 113 |
| SA5101331 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101332 | | 0.05 | 1.28 | 0.6 | 3 | 1 | 79 | 91 | 0.28 | 13 | 0.68 | 0.3 | 96 | 108 |
| SA5101333 | Metallic smelling water sample | 0.05 | 0.87 | 0.25 | 1 | 0.5 | 54 | 57 | 0.18 | 13 | 0.46 | 0.2 | 58 | 63 |
| SA5101334 | | 0.05 | 1.21 | 0.25 | 2 | 0.5 | 25 | 50 | 0.20 | 21 | 0.57 | 0.2 | 71 | 74 |
| SA5101335 | | 0.05 | 4.86 | 0.7 | 3 | 0.5 | 390 | 467 | 1.09 | 12 | 1.95 | 0.3 | 120 | 127 |
| SA5101336 | | 0.05 | 1.27 | 0.6 | 3 | 0.5 | 77 | 91 | 0.29 | 29 | 0.55 | 0.2 | 97 | 100 |
| SA5101337 | | 0.05 | 2.04 | 0.9 | 3 | 0.5 | 67 | 90 | 0.47 | 31 | 0.70 | 0.4 | 91 | 99 |
| SA5101338 | | 0.05 | 0.64 | 0.5 | 1 | 1 | 25 | 68 | 0.18 | 14 | 0.39 | 0.2 | 50 | 67 |
| SA5101339 | | -9 | 2.64 | 0.25 | 4 | 0.5 | 110 | 155 | 0.85 | 30 | 0.73 | 0.5 | 180 | 194 |
| SA5101340 | | 0.05 | 4.27 | 2.3 | 7 | 0.5 | 370 | 431 | 1.15 | 10 | 1.69 | 0.2 | 210 | 226 |
| SA5101341 | | 0.05 | 0.83 | 0.25 | 1 | 2 | 62 | 85 | 0.20 | 13 | 0.54 | 0.2 | 40 | 47 |
| SA5101342 | | 0.05 | 0.56 | 0.25 | 1 | 1 | 60 | 85 | 0.05 | 12 | 0.27 | 0.1 | 27 | 28 |
| SA5101343 | | 0.05 | 0.51 | 1.4 | 1 | 1 | 66 | 70 | 0.05 | 11 | 0.86 | 0.3 | 21 | 16 |
| SA5101344 | | 0.05 | 0.84 | 0.25 | 3 | 0.5 | 25 | 47 | 0.19 | 19 | 0.45 | 0.3 | 51 | 47 |
| SA5101345 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101346 | | 0.05 | 1.90 | 1.5 | 5 | 0.5 | 93 | 100 | 0.47 | 29 | 0.79 | 0.3 | 180 | 176 |
| SA5101347 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101348 | | 0.05 | 1.09 | 0.7 | 3 | 0.5 | 73 | 80 | 0.18 | 18 | 0.52 | 0.2 | 69 | 62 |
| SA5101349 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101350 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101351 | Too rocky to land, sampled lake next to it | 0.05 | 1.71 | 1 | 2 | 1 | 53 | 78 | 0.20 | 23 | 0.58 | 0.2 | 33 | 45 |
| SA5101352 | Contains some organic peat | 0.05 | 0.85 | 0.25 | 1 | 0.5 | 25 | 43 | 0.05 | 18 | 0.56 | 0.2 | 15 | 15 |
| SA5101353 | | 0.05 | 0.41 | 0.25 | 1 | 0.5 | 67 | 77 | 0.05 | 12 | 0.76 | 0.2 | 1.5 | 8 |
| SA5101354 | | 0.05 | 0.74 | 1.4 | 2 | 0.5 | 60 | 69 | 0.05 | 12 | 0.56 | 0.05 | 18 | 20 |
| SA5101355 | Contains some organic peat | 0.05 | 4.88 | 0.5 | 3 | 0.5 | 25 | 499 | 0.96 | 11 | 2.02 | 0.05 | 15 | 100 |
| SA5101356 | | 0.05 | 2.48 | 0.9 | 3 | 0.5 | 420 | 275 | 0.63 | 9 | 1.20 | 0.5 | 95 | 108 |
| SA5101357 | | 0.05 | 0.34 | 1 | 1 | 0.5 | 220 | 60 | 0.05 | 22 | 0.95 | 0.4 | 92 | 12 |
| SA5101358 | | 0.05 | 0.32 | 1.1 | 1 | 1 | 25 | 60 | 0.05 | 19 | 0.95 | 0.4 | 10 | 11 |
| SA5101359 | | 0.05 | 1.07 | 0.25 | 1 | 0.5 | 90 | 128 | 0.24 | 17 | 0.33 | 0.05 | 40 | 40 |
| SA5101360 | | -9 | 0.48 | -9 | 1 | -9 | -9 | 129 | 0.13 | -9 | 0.28 | 0.2 | -9 | 13 |
| SA5101361 | | 0.05 | 1.33 | 0.6 | 2 | 0.5 | 110 | 159 | 0.23 | 34 | 0.26 | 0.1 | 38 | 44 |
| SA5101362 | | 0.05 | 1.62 | 0.6 | 3 | 0.5 | 88 | 118 | 0.34 | 21 | 0.63 | 0.2 | 78 | 93 |
| SA5101363 | | 0.05 | 0.84 | 1.1 | 1 | 0.5 | 25 | 38 | 0.16 | 18 | 0.50 | 0.4 | 18 | 20 |
| SA5101364 | | 0.05 | 3.84 | 1.4 | 3 | 0.5 | 300 | 357 | 0.80 | 16 | 1.54 | 0.3 | 85 | 94 |
| SA5101365 | | 0.05 | 0.41 | 0.25 | 1 | 0.5 | 77 | 114 | 0.05 | 18 | 0.32 | 0.1 | 27 | 24 |
| SA5101366 | | 0.05 | 0.37 | 1 | 1 | 0.5 | 54 | 74 | 0.05 | 15 | 0.67 | 0.4 | 5 | 10 |
| SA5101367 | | 0.05 | 0.48 | 0.7 | 1 | 0.5 | 59 | 74 | 0.05 | 17 | 0.54 | 0.3 | 12 | 12 |
| SA5101368 | | 0.05 | 2.03 | 1.4 | 3 | 0.5 | 130 | 160 | 0.48 | 23 | 0.80 | 0.3 | 80 | 91 |
| SA5101369 | Contains some organic peat | 0.05 | 1.37 | 1 | 1 | 0.5 | 130 | 170 | 0.21 | 17 | 0.81 | 0.3 | 16 | 19 |
| SA5101370 | | 0.05 | 1.17 | 1.4 | 2 | 0.5 | 100 | 113 | 0.21 | 12 | 0.76 | 0.2 | 30 | 36 |
| SA5101371 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101372 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101373 | | 0.05 | 0.61 | 1 | 1 | 0.5 | 96 | 117 | 0.12 | 16 | 0.73 | 0.3 | 7 | 10 |
| SA5101374 | | 0.05 | 0.47 | 0.25 | 1 | 0.5 | 94 | 110 | 0.05 | 22 | 0.42 | 0.2 | 7 | 10 |
| SA5101375 | | 0.05 | 1.19 | 0.6 | 2 | 1 | 71 | 95 | 0.32 | 15 | 0.69 | 0.3 | 27 | 24 |

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | | 0.05 | 0.36 | 0.8 | 1 | 0.5 | 25 | 32 | 0.12 | 9 | 0.27 | 0.2 | 19 | 21 |
| SA5101377 | Very close to reservoir, may be flooded periodically | 0.05 | 0.49 | 0.9 | 1 | 0.5 | 62 | 72 | 0.05 | 18 | 0.70 | 0.2 | 7 | 8 |
| SA5101378 | Very close to reservoir, may be flooded periodically | -9 | 1.36 | 0.7 | 1 | 0.5 | 86 | 108 | 0.18 | 29 | 0.38 | 0.6 | 24 | 23 |
| SA5101379 | Very close to reservoir, very rocky bottom | 0.05 | 7.69 | 0.25 | 3 | 0.5 | 690 | 661 | 1.14 | 7 | 2.77 | 0.05 | 61 | 48 |
| SA5101380 | Very close to reservoir, may be flooded periodically | 0.05 | 6.96 | 0.25 | 2 | 0.5 | 620 | 626 | 1.08 | 4 | 2.86 | 0.05 | 51 | 44 |
| SA5101381 | | 0.05 | 3.47 | 0.5 | 1 | 1 | 340 | 402 | 0.59 | 16 | 1.34 | 0.1 | 50 | 41 |
| SA5101382 | | 0.05 | 0.58 | 0.25 | 1 | 0.5 | 110 | 116 | 0.11 | 21 | 0.69 | 0.3 | 1.5 | 10 |
| SA5101383 | | 0.05 | 0.50 | 0.9 | 1 | 0.5 | 61 | 83 | 0.05 | 14 | 0.59 | 0.2 | 12 | 16 |
| SA5101384 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101385 | | 0.05 | 2.19 | 1.7 | 4 | 0.5 | 180 | 201 | 0.37 | 17 | 0.96 | 0.05 | 48 | 53 |
| SA5101386 | | -9 | 0.59 | 1 | 2 | 0.5 | 25 | 56 | 0.05 | 16 | 0.55 | 0.2 | 26 | 33 |
| SA5101387 | | 0.05 | 2.59 | 2.8 | 4 | 0.5 | 170 | 224 | 0.61 | 30 | 0.95 | 0.4 | 90 | 104 |
| SA5101388 | Some organic peat | 0.05 | 0.61 | 0.9 | 1 | 0.5 | 100 | 113 | 0.17 | 17 | 0.58 | 0.2 | 46 | 47 |
| SA5101389 | | 0.05 | 0.49 | 0.25 | 1 | 0.5 | 99 | 107 | 0.11 | 20 | 0.49 | 0.3 | 15 | 22 |
| SA5101390 | | -9 | 0.56 | -9 | 1 | -9 | -9 | 194 | 0.13 | -9 | 0.50 | 0.1 | -9 | 38 |
| SA5101391 | Minor clastic | 0.05 | 1.33 | 0.9 | 3 | 0.5 | 140 | 155 | 0.25 | 16 | 0.58 | 0.05 | 55 | 61 |
| SA5101392 | | 0.05 | 1.65 | 0.25 | 3 | 0.5 | 130 | 150 | 0.35 | 22 | 0.53 | 0.3 | 73 | 82 |
| SA5101393 | Some organic peat | 0.05 | 3.07 | 1.3 | 3 | 0.5 | 240 | 252 | 0.65 | 17 | 1.11 | 0.6 | 90 | 108 |
| SA5101394 | | 0.05 | 0.85 | 1.3 | 1 | 0.5 | 77 | 79 | 0.13 | 14 | 0.56 | 0.2 | 28 | 33 |
| SA5101395 | | 0.05 | 0.48 | 1 | 1 | 4 | 66 | 72 | 0.05 | 16 | 0.62 | 0.4 | 1.5 | 9 |
| SA5101396 | | 0.05 | 1.24 | 5.9 | 6 | 0.5 | 110 | 123 | 0.18 | 11 | 1.04 | 0.2 | 33 | 38 |
| SA5101397 | Some organic peat | 0.05 | 0.68 | 1.5 | 1 | 0.5 | 57 | 82 | 0.19 | 19 | 0.77 | 0.2 | 16 | 18 |
| SA5101398 | | 0.05 | 0.55 | 0.7 | 1 | 0.5 | 60 | 77 | 0.05 | 19 | 1.03 | 0.3 | 9 | 9 |
| SA5101399 | | 0.05 | 0.52 | 0.9 | 1 | 0.5 | 62 | 55 | 0.05 | 14 | 1.03 | 0.3 | 11 | 18 |
| SA5101400 | Some organic peat | 0.05 | 1.20 | 1.1 | 2 | 0.5 | 83 | 120 | 0.19 | 15 | 1.18 | 0.3 | 29 | 29 |
| SA5101401 | | 0.05 | 0.71 | 1.7 | 1 | 0.5 | 70 | 79 | 0.11 | 10 | 0.65 | 0.2 | 20 | 20 |
| SA5101402 | | 0.05 | 3.06 | 1.6 | 3 | 0.5 | 220 | 305 | 0.46 | 8 | 1.51 | 0.3 | 34 | 38 |
| SA5101403 | Some fine clastic | 0.05 | 4.76 | 0.9 | 4 | 0.5 | 450 | 510 | 0.77 | 8 | 1.86 | 0.05 | 42 | 51 |
| SA5101404 | | 0.05 | 0.92 | 0.25 | 1 | 0.5 | 180 | 187 | 0.19 | 19 | 0.56 | 0.2 | 47 | 57 |
| SA5101405 | | 0.05 | 2.73 | 0.25 | 2 | 0.5 | 210 | 246 | 0.57 | 32 | 0.90 | 0.4 | 68 | 75 |
| SA5101406 | | 0.05 | 1.71 | 1 | 1 | 0.5 | 160 | 199 | 0.35 | 13 | 0.59 | 0.1 | 66 | 74 |
| SA5101407 | | 0.05 | 0.59 | 1 | 1 | 0.5 | 25 | 58 | 0.16 | 15 | 0.69 | 0.4 | 21 | 21 |
| SA5101408 | | 0.05 | 0.63 | 0.8 | 1 | 0.5 | 59 | 73 | 0.05 | 8 | 0.54 | 0.05 | 9 | 13 |
| SA5101409 | Some organic peat | 0.05 | 0.82 | 0.7 | 1 | 0.5 | 77 | 88 | 0.22 | 18 | 0.77 | 0.3 | 39 | 46 |
| SA5101410 | | 0.05 | 0.66 | 0.8 | 1 | 0.5 | 65 | 85 | 0.05 | 17 | 0.52 | 0.3 | 18 | 14 |
| SA5101411 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101412 | | 0.05 | 0.73 | 1.1 | 1 | 3 | 84 | 83 | 0.13 | 24 | 0.84 | 0.2 | 13 | 17 |
| SA5101413 | | 0.05 | 1.02 | 1.1 | 1 | 1 | 110 | 122 | 0.19 | 16 | 0.61 | 0.2 | 40 | 49 |
| SA5101414 | | 0.05 | 4.26 | 0.8 | 3 | 0.5 | 540 | 625 | 0.94 | 9 | 1.66 | 0.05 | 63 | 63 |
| SA5101415 | | 0.05 | 3.12 | 1 | 3 | 0.5 | 200 | 264 | 0.65 | 37 | 0.91 | 0.2 | 120 | 119 |
| SA5101416 | | 0.05 | 1.97 | 0.5 | 3 | 0.5 | 170 | 210 | 0.36 | 17 | 0.62 | 0.05 | 72 | 80 |
| SA5101417 | | 0.05 | 0.67 | 0.9 | 1 | 0.5 | 80 | 70 | 0.13 | 8 | 0.37 | 0.2 | 42 | 49 |
| SA5101418 | | 0.05 | 1.73 | 1.3 | 3 | 0.5 | 120 | 146 | 0.35 | 26 | 0.63 | 0.4 | 91 | 93 |
| SA5101419 | Dried up, moved to nearby lake | 0.05 | 0.56 | 0.8 | 1 | 1 | 100 | 132 | 0.05 | 14 | 0.55 | 0.2 | 17 | 20 |
| SA5101420 | | 0.05 | 5.09 | 0.8 | 2 | 0.5 | 380 | 473 | 0.70 | 9 | 2.45 | 0.1 | 31 | 32 |
| SA5101421 | | -9 | 0.46 | 1 | 1 | 0.5 | 57 | 87 | 0.05 | 10 | 0.37 | 0.2 | 35 | 26 |
| SA5101422 | | 0.05 | 0.43 | 0.25 | 1 | 0.5 | 63 | 85 | 0.05 | 18 | 0.99 | 0.2 | 23 | 16 |
| SA5101423 | | 0.05 | 1.32 | 0.25 | 1 | 0.5 | 370 | 174 | 0.23 | 7 | 0.95 | 0.5 | 31 | 22 |
| SA5101424 | | 0.05 | 0.59 | 1.6 | 2 | 0.5 | 130 | 89 | 0.15 | 22 | 0.50 | 0.3 | 14 | 61 |
| SA5101425 | | 0.05 | 0.96 | 2 | 1 | 0.5 | 91 | 143 | 0.17 | 13 | 0.65 | 0.3 | 54 | 42 |
| SA5101426 | Some organic peat | 0.05 | 2.13 | 1.3 | 3 | 0.5 | 110 | 263 | 0.36 | 20 | 0.96 | 0.2 | 39 | 73 |
| SA5101427 | | 0.05 | 4.15 | 0.7 | 1 | 0.5 | 210 | 403 | 0.68 | 26 | 1.70 | 0.3 | 70 | 42 |
| SA5101428 | | -9 | 2.72 | 1.9 | 5 | 0.5 | 250 | 298 | 0.63 | 48 | 1.34 | 0.4 | 98 | 119 |
| SA5101429 | | 0.05 | 1.34 | 0.25 | 3 | 0.5 | 120 | 126 | 0.20 | 19 | 0.67 | 0.3 | 67 | 78 |
| SA5101430 | | 0.05 | 1.06 | 0.25 | 1 | 2 | 82 | 129 | 0.14 | 21 | 0.53 | 0.3 | 31 | 42 |
| SA5101431 | | 0.05 | 0.95 | 0.25 | 1 | 0.5 | 95 | 144 | 0.15 | 11 | 0.54 | 0.2 | 27 | 39 |
| SA5101432 | | 0.05 | 0.54 | 0.25 | 1 | 0.5 | 140 | 138 | 0.05 | 21 | 0.64 | 0.3 | 13 | 18 |
| SA5101433 | | 0.05 | 3.32 | 1.3 | 4 | 0.5 | 160 | 166 | 0.42 | 57 | 1.06 | 0.6 | 130 | 127 |
| SA5101434 | Some organic peat | 0.05 | 1.05 | 0.25 | 1 | 0.5 | 95 | 99 | 0.14 | 13 | 0.44 | 0.2 | 23 | 40 |
| SA5101435 | | 0.05 | 1.59 | 0.25 | 3 | 0.5 | 160 | 200 | 0.28 | 16 | 0.76 | 0.2 | 66 | 75 |
| SA5101436 | | 0.05 | 1.60 | 0.6 | 2 | 0.5 | 130 | 161 | 0.24 | 16 | 0.68 | 0.3 | 52 | 68 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | | 0.05 | 0.52 | 0.9 | 1 | 0.5 | 84 | 111 | 0.05 | 14 | 0.63 | 0.3 | 31 | 32 |
| SA5101438 | | 0.05 | 2.41 | 1 | 3 | 0.5 | 220 | 250 | 0.39 | 30 | 0.99 | 0.4 | 81 | 86 |
| SA5101439 | | -9 | 0.73 | 0.9 | 1 | 0.5 | 91 | 116 | 0.05 | 19 | 0.60 | 0.3 | 18 | 27 |
| SA5101440 | | 0.05 | 2.41 | 0.25 | 2 | 2 | 64 | 118 | 0.29 | 28 | 0.65 | 0.5 | 55 | 69 |
| SA5101441 | | 0.05 | 2.61 | 1.2 | 4 | 0.5 | 130 | 180 | 0.43 | 31 | 1.12 | 0.5 | 100 | 117 |
| SA5101442 | | 0.05 | 1.09 | 0.25 | 2 | 0.5 | 130 | 160 | 0.15 | 17 | 0.53 | 0.4 | 22 | 26 |
| SA5101443 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101444 | | 0.05 | 0.73 | 0.25 | 1 | 0.5 | 25 | 58 | 0.05 | 24 | 0.34 | 0.2 | 31 | 30 |
| SA5101445 | | 0.05 | 0.56 | 0.25 | 1 | 0.5 | 87 | 125 | 0.13 | 17 | 0.44 | 0.3 | 20 | 30 |
| SA5101446 | | 0.05 | 2.25 | 0.25 | 3 | 3 | 120 | 213 | 0.49 | 23 | 0.77 | 0.2 | 82 | 95 |
| SA5101447 | | 0.05 | 1.03 | 0.7 | 2 | 2 | 94 | 116 | 0.20 | 23 | 0.88 | 0.3 | 57 | 63 |
| SA5101448 | Disturbed bottom from chopper | 0.05 | 0.51 | 0.25 | 1 | 0.5 | 79 | 118 | 0.14 | 20 | 0.56 | 0.1 | 22 | 25 |
| SA5101449 | Disturbed bottom from chopper, slight jelly like | 0.05 | 0.42 | 0.25 | 1 | 2 | 110 | 116 | 0.11 | 19 | 0.59 | 0.2 | 31 | 34 |
| SA5101450 | Steep side of crag and tail structure on one bank | 0.05 | 1.12 | 6 | 7 | 0.5 | 84 | 107 | 0.17 | 25 | 0.69 | 0.3 | 36 | 37 |
| SA5101451 | | 0.05 | 1.66 | 1.3 | 3 | 0.5 | 180 | 240 | 0.39 | 19 | 0.70 | 0.2 | 94 | 94 |
| SA5101452 | | 0.05 | 1.27 | 0.8 | 3 | 0.5 | 150 | 176 | 0.42 | 19 | 0.74 | 0.2 | 92 | 101 |
| SA5101453 | | 0.05 | 2.15 | 0.25 | 3 | 0.5 | 99 | 146 | 0.40 | 32 | 0.84 | 0.4 | 98 | 102 |
| SA5101454 | | 0.05 | 1.02 | 0.25 | 1 | 0.5 | 78 | 119 | 0.24 | 17 | 0.80 | 0.3 | 53 | 56 |
| SA5101455 | | 0.05 | 1.79 | 0.5 | 3 | 0.5 | 160 | 178 | 0.43 | 20 | 0.99 | 0.3 | 92 | 99 |
| SA5101456 | | 0.05 | 3.52 | 0.6 | 3 | 0.5 | 470 | 503 | 0.91 | 13 | 1.33 | 0.2 | 130 | 121 |
| SA5101457 | | 0.05 | 0.53 | 0.25 | 2 | 2 | 120 | 120 | 0.19 | 23 | 0.46 | 0.3 | 42 | 40 |
| SA5101458 | | 0.05 | 0.45 | 0.25 | 1 | 0.5 | 25 | 76 | 0.05 | 13 | 0.44 | 0.2 | 25 | 25 |
| SA5101459 | | 0.05 | 0.88 | 0.8 | 1 | 0.5 | 94 | 118 | 0.21 | 14 | 0.41 | 0.2 | 51 | 60 |
| SA5101460 | Bottom disturbed by chopper | 0.05 | 0.54 | 0.25 | 1 | 0.5 | 120 | 131 | 0.20 | 13 | 0.70 | 0.2 | 34 | 36 |
| SA5101461 | | 0.05 | 0.67 | 0.25 | 3 | 0.5 | 97 | 121 | 0.18 | 13 | 0.83 | 0.3 | 56 | 57 |
| SA5101462 | | 0.05 | 2.73 | 3 | 6 | 0.5 | 220 | 248 | 0.82 | 41 | 0.82 | 0.6 | 140 | 149 |
| SA5101463 | | 0.05 | 1.95 | 0.25 | 4 | 0.5 | 140 | 169 | 0.52 | 39 | 0.58 | 0.4 | 91 | 100 |
| SA5101464 | | 0.05 | 1.05 | 1.1 | 3 | 0.5 | 86 | 139 | 0.29 | 16 | 0.69 | 0.3 | 110 | 127 |
| SA5101465 | Disturbed bottom from chopper | 0.05 | 0.51 | 0.25 | 1 | 2 | 98 | 106 | 0.16 | 24 | 0.87 | 0.3 | 28 | 33 |
| SA5101466 | | 0.05 | 1.76 | 0.25 | 3 | 0.5 | 120 | 141 | 0.46 | 24 | 0.74 | 0.3 | 85 | 89 |
| SA5101467 | Dried up, taken in bay | 0.05 | 5.89 | 1.9 | 5 | 0.5 | 770 | 816 | 1.57 | 7 | 2.18 | 0.05 | 98 | 115 |
| SA5101468 | Minor fine grained clastic | 0.05 | 0.81 | 0.25 | 1 | 2 | 92 | 138 | 0.20 | 13 | 0.37 | 0.2 | 39 | 41 |
| SA5101469 | | 0.05 | 0.63 | 0.6 | 1 | 0.5 | 120 | 156 | 0.19 | 19 | 0.59 | 0.3 | 18 | 25 |
| SA5101470 | Water sample only, rocky bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101471 | | 0.05 | 1.29 | 1.1 | 4 | 0.5 | 120 | 116 | 0.36 | 19 | 0.57 | 0.3 | 100 | 116 |
| SA5101472 | | 0.05 | 0.67 | 0.25 | 1 | 0.5 | 60 | 85 | 0.18 | 10 | 0.43 | 0.2 | 60 | 72 |
| SA5101473 | | 0.05 | 1.09 | 0.5 | 2 | 0.5 | 100 | 137 | 0.28 | 14 | 0.52 | 0.3 | 68 | 83 |
| SA5101474 | | 0.05 | 0.76 | 0.25 | 1 | 0.5 | 25 | 47 | 0.24 | 14 | 0.52 | 0.3 | 59 | 66 |
| SA5101475 | | 0.05 | 1.72 | 0.25 | 3 | 0.5 | 110 | 154 | 0.50 | 23 | 0.71 | 0.3 | 86 | 100 |
| SA5101476 | | 0.05 | 0.92 | 0.25 | 2 | 0.5 | 84 | 90 | 0.24 | 15 | 0.57 | 0.3 | 51 | 59 |
| SA5101477 | | 0.05 | 3.00 | 0.25 | 5 | 0.5 | 220 | 315 | 1.20 | 27 | 0.62 | 0.7 | 240 | 277 |
| SA5101478 | | 0.05 | 2.35 | 0.25 | 3 | 0.5 | 210 | 251 | 0.68 | 25 | 0.82 | 0.3 | 140 | 153 |
| SA5101479 | | 0.05 | 0.58 | 0.25 | 1 | 0.5 | 100 | 140 | 0.18 | 23 | 0.31 | 0.4 | 19 | 29 |
| SA5101480 | | 0.05 | 1.37 | 1.3 | 3 | 0.5 | 94 | 144 | 0.35 | 20 | 0.70 | 0.3 | 76 | 93 |
| SA5101481 | | 0.05 | 0.41 | 0.25 | 1 | 0.5 | 25 | 49 | 0.05 | 10 | 0.30 | 0.2 | 11 | 16 |
| SA5101482 | | 0.05 | 0.62 | 0.8 | 1 | 0.5 | 130 | 149 | 0.23 | 23 | 0.39 | 0.2 | 55 | 59 |
| SA5101483 | | 0.05 | 2.35 | 0.25 | 2 | 0.5 | 320 | 397 | 0.62 | 18 | 1.03 | 0.2 | 58 | 66 |
| SA5101484 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101485 | | 0.05 | 2.54 | 0.25 | 4 | 0.5 | 210 | 249 | 0.99 | 25 | 0.69 | 0.2 | 210 | 227 |
| SA5101486 | | 0.05 | 1.22 | 1.4 | 4 | 0.5 | 170 | 218 | 0.51 | 19 | 0.51 | 0.4 | 79 | 92 |
| SA5101487 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101488 | | 0.05 | 2.85 | 0.25 | 1 | 0.5 | 350 | 455 | 0.69 | 16 | 0.97 | 0.05 | 29 | 34 |
| SA5101489 | | 0.05 | 0.71 | 0.6 | 1 | 0.5 | 71 | 107 | 0.29 | 18 | 0.46 | 0.3 | 73 | 79 |
| SA5101490 | | 0.05 | 1.43 | 0.25 | 3 | 0.5 | 92 | 101 | 0.54 | 18 | 0.45 | 0.3 | 120 | 143 |
| SA5101491 | | 0.05 | 7.37 | 1.4 | 3 | 0.5 | 1000 | 1096 | 1.95 | 2 | 2.63 | 0.05 | 120 | 127 |
| SA5101492 | | 0.05 | 0.97 | 0.25 | 2 | 0.5 | 25 | 61 | 0.30 | 19 | 0.67 | 0.3 | 69 | 80 |
| SA5101493 | | 0.05 | 1.29 | 1.1 | 2 | 0.5 | 62 | 82 | 0.50 | 32 | 0.53 | 0.3 | 93 | 100 |
| SA5101494 | | 0.05 | 2.42 | 0.25 | 3 | 0.5 | 190 | 239 | 0.83 | 26 | 0.76 | 0.2 | 140 | 155 |
| SA5101495 | | 0.05 | 0.51 | 0.25 | 1 | 0.5 | 60 | 56 | 0.14 | 12 | 0.43 | 0.3 | 24 | 33 |
| SA5101496 | Minor clastic comp | 0.05 | 4.10 | 0.5 | 3 | 0.5 | 420 | 463 | 0.93 | 17 | 1.70 | 0.05 | 88 | 95 |
| SA5101497 | | 0.05 | 1.36 | 0.25 | 2 | 3 | 84 | 115 | 0.43 | 21 | 0.56 | 0.2 | 75 | 102 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | | 0.05 | 1.72 | 1.9 | 6 | 0.5 | 69 | 101 | 0.75 | 26 | 0.72 | 0.3 | 180 | 199 |
| SA5101499 | | 0.05 | 1.91 | 0.25 | 3 | 0.5 | 180 | 190 | 0.71 | 15 | 0.50 | 0.2 | 140 | 154 |
| SA5101500 | | 0.05 | 2.97 | 0.9 | 6 | 0.5 | 340 | 416 | 1.27 | 16 | 0.87 | 0.1 | 220 | 237 |
| SA5101501 | | 0.05 | 1.07 | 0.25 | 2 | 0.5 | 100 | 100 | 0.49 | 20 | 0.41 | 0.4 | 100 | 123 |
| SA5101502 | | 0.05 | 2.20 | 0.25 | 3 | 0.5 | 200 | 290 | 0.75 | 21 | 0.66 | 0.2 | 95 | 108 |
| SA5101503 | Some peat | 0.05 | 2.03 | 0.25 | 3 | 0.5 | 150 | 181 | 0.59 | 17 | 0.70 | 0.2 | 120 | 146 |
| SA5101504 | | 0.05 | 2.34 | 0.25 | 3 | 0.5 | 130 | 193 | 0.75 | 11 | 0.60 | 0.2 | 160 | 170 |
| SA5101505 | Minor peat | 0.05 | 0.84 | 0.25 | 1 | 0.5 | 55 | 108 | 0.25 | 16 | 0.68 | 0.4 | 53 | 56 |
| SA5101506 | | 0.05 | 1.50 | 0.25 | 3 | 0.5 | 94 | 118 | 0.42 | 24 | 0.53 | 0.3 | 140 | 152 |
| SA5101507 | | 0.05 | 1.91 | 0.8 | 3 | 0.5 | 72 | 80 | 0.93 | 37 | 0.45 | 0.7 | 180 | 223 |
| SA5101508 | | 0.05 | 2.23 | 0.25 | 5 | 0.5 | 75 | 129 | 0.84 | 21 | 0.93 | 0.4 | 210 | 235 |
| SA5101509 | | 0.05 | 1.14 | 0.25 | 2 | 2 | 72 | 99 | 0.42 | 21 | 0.59 | 0.3 | 97 | 113 |
| SA5101510 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101511 | | 0.05 | 1.36 | 0.25 | 5 | 0.5 | 110 | 121 | 0.87 | 16 | 0.59 | 0.4 | 180 | 228 |
| SA5101512 | | 0.05 | 0.82 | 0.25 | 2 | 0.5 | 160 | 167 | 0.42 | 27 | 0.64 | 0.4 | 64 | 68 |
| SA5101513 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101514 | | 0.05 | 0.63 | 0.25 | 1 | 0.5 | 180 | 192 | 0.36 | 23 | 0.35 | 0.5 | 64 | 73 |
| SA5101515 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101516 | | 0.05 | 1.32 | 1.4 | 4 | 0.5 | 150 | 220 | 0.58 | 23 | 0.54 | 0.3 | 81 | 99 |
| SA5101517 | Some peat | 0.05 | 0.48 | 0.25 | 1 | 0.5 | 110 | 174 | 0.18 | 27 | 0.29 | 0.3 | 26 | 34 |
| SA5101518 | Some peat | 0.05 | 5.77 | 0.9 | 2 | 0.5 | 890 | 945 | 1.58 | 5 | 2.30 | 0.05 | 96 | 98 |
| SA5101519 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101520 | | 0.05 | 1.15 | 0.25 | 2 | 0.5 | 110 | 136 | 0.45 | 19 | 0.36 | 0.3 | 94 | 106 |
| SA5101521 | Some peat | 0.05 | 0.56 | 0.9 | 1 | 0.5 | 25 | 74 | 0.32 | 11 | 0.42 | 0.3 | 51 | 61 |
| SA5101522 | Some fine clastic | 0.05 | 2.66 | 0.25 | 5 | 0.5 | 290 | 316 | 1.13 | 13 | 0.80 | 0.4 | 220 | 251 |
| SA5101523 | | 0.05 | 2.30 | 1 | 3 | 0.5 | 190 | 257 | 0.73 | 24 | 0.66 | 0.3 | 130 | 141 |
| SA5101524 | | 0.05 | 0.60 | 0.25 | 2 | 0.5 | 25 | 54 | 0.26 | 9 | 0.30 | 0.2 | 83 | 98 |
| SA5101525 | | 0.05 | 3.50 | 1.6 | 7 | 0.5 | 310 | 348 | 2.15 | 20 | 0.63 | 0.7 | 500 | 537 |
| SA5101526 | | 0.05 | 3.06 | 0.25 | 13 | 0.5 | 350 | 408 | 1.56 | 10 | 1.19 | 0.05 | 130 | 115 |
| SA5101527 | | 0.05 | 5.65 | 0.25 | 3 | 0.5 | 670 | 781 | 1.61 | 2 | 1.97 | 0.05 | 82 | 79 |
| SA5101528 | Minor fine clastic | -9 | 1.60 | 0.8 | 4 | 0.5 | 110 | 112 | 0.72 | 18 | 0.55 | 0.4 | 170 | 185 |
| SA5101529 | | 0.05 | 2.32 | 2.5 | 7 | 0.5 | 200 | 302 | 0.79 | 27 | 0.68 | 0.05 | 240 | 250 |
| SA5101530 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101531 | | 0.05 | 6.25 | 0.25 | 3 | 0.5 | 840 | 831 | 1.67 | 6 | 2.34 | 0.05 | 94 | 92 |
| SA5101532 | | 0.05 | 0.99 | 0.25 | 3 | 0.5 | 91 | 90 | 0.27 | 23 | 0.48 | 0.2 | 92 | 101 |
| SA5101533 | | -9 | 2.11 | -9 | 2 | -9 | -9 | 101 | 0.20 | -9 | 0.44 | 0.7 | -9 | 17 |
| SA5101534 | | 0.05 | 0.49 | 0.25 | 1 | 0.5 | 25 | 33 | 0.05 | 8 | 0.31 | 0.2 | 8 | 12 |
| SA5101535 | Esker | 0.05 | 2.09 | 0.25 | 2 | 0.5 | 88 | 121 | 0.30 | 20 | 0.65 | 0.4 | 49 | 53 |
| SA5101536 | | 0.05 | 5.24 | 0.25 | 1 | 0.5 | 270 | 324 | 0.60 | 7 | 2.69 | 0.2 | 28 | 27 |
| SA5101537 | Minor peat | 0.05 | 1.55 | 0.8 | 1 | 0.5 | 81 | 117 | 0.24 | 13 | 0.68 | 0.2 | 9 | 15 |
| SA5101538 | | 0.05 | 0.74 | 0.6 | 1 | 0.5 | 51 | 66 | 0.21 | 18 | 0.76 | 0.5 | 21 | 25 |
| SA5101539 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101540 | Large cache of abandoned drums | 0.05 | 1.37 | 0.9 | 1 | 2 | 110 | 139 | 0.26 | 16 | 0.69 | 0.6 | 22 | 29 |
| SA5101541 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101542 | | 0.05 | 0.81 | 0.25 | 1 | 0.5 | 25 | 73 | 0.20 | 11 | 0.42 | 0.2 | 57 | 75 |
| SA5101543 | Contains some peat, very rocky bottom | 0.05 | 5.82 | 0.25 | 1 | 0.5 | 640 | 713 | 1.29 | 7 | 2.03 | 0.05 | 66 | 61 |
| SA5101544 | | 0.05 | 0.87 | 0.25 | 2 | 0.5 | 80 | 76 | 0.23 | 23 | 0.49 | 0.3 | 90 | 89 |
| SA5101545 | | 0.05 | 2.69 | 0.8 | 3 | 0.5 | 330 | 341 | 1.00 | 15 | 0.98 | 0.1 | 150 | 143 |
| SA5101546 | | 0.05 | 1.52 | 0.25 | 4 | 0.5 | 100 | 125 | 0.68 | 29 | 0.69 | 0.2 | 160 | 159 |
| SA5101547 | | 0.05 | 0.78 | 0.5 | 1 | 0.5 | 25 | 112 | 0.22 | 9 | 0.47 | 0.2 | 22 | 27 |
| SA5101548 | | 0.05 | 0.78 | 1.4 | 2 | 0.5 | 58 | 75 | 0.35 | 24 | 0.49 | 0.2 | 70 | 80 |
| SA5101549 | | 0.05 | 1.13 | 0.6 | 3 | 0.5 | 84 | 90 | 0.53 | 23 | 0.48 | 0.2 | 110 | 117 |
| SA5101550 | | 0.05 | 0.93 | 0.25 | 1 | 2 | 130 | 123 | 0.40 | 13 | 0.47 | 0.2 | 98 | 101 |
| SA5101551 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101552 | | 0.05 | 2.02 | 0.25 | 2 | 0.5 | 240 | 289 | 0.61 | 10 | 0.95 | 0.1 | 82 | 89 |
| SA5101553 | | 0.05 | 0.89 | 1.7 | 4 | 2 | 210 | 273 | 0.55 | 15 | 0.60 | 0.3 | 78 | 94 |
| SA5101554 | | 0.05 | 0.47 | 1.3 | 1 | 0.5 | 130 | 165 | 0.19 | 19 | 0.79 | 0.4 | 29 | 36 |
| SA5101555 | Some burned trees surrounding esker | 0.05 | 1.25 | 0.8 | 3 | 0.5 | 140 | 176 | 0.73 | 28 | 0.72 | 0.2 | 96 | 102 |
| SA5101556 | Contains some peat | 0.05 | 2.54 | 0.5 | 3 | 0.5 | 380 | 451 | 0.79 | 22 | 1.06 | 0.05 | 83 | 88 |
| SA5101557 | | 0.05 | 1.17 | 0.25 | 1 | 0.5 | 180 | 232 | 0.34 | 20 | 0.73 | 0.05 | 48 | 50 |
| SA5101558 | | 0.05 | 0.52 | 0.9 | 2 | 0.5 | 70 | 88 | 0.26 | 23 | 0.76 | 0.3 | 60 | 67 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | | 0.05 | 0.94 | 0.25 | 1 | 0.5 | 95 | 109 | 0.37 | 12 | 0.41 | 0.1 | 79 | 90 |
| SA5101560 | | 0.05 | 0.72 | 0.25 | 1 | 0.5 | 58 | 87 | 0.35 | 13 | 0.39 | 0.2 | 60 | 73 |
| SA5101561 | | 0.05 | 2.08 | 0.7 | 3 | 0.5 | 170 | 247 | 0.79 | 27 | 0.84 | 0.05 | 100 | 118 |
| SA5101562 | | 0.05 | 0.75 | 0.25 | 3 | 0.5 | 82 | 85 | 0.28 | 16 | 0.47 | 0.1 | 84 | 96 |
| SA5101563 | | 0.05 | 1.06 | 0.9 | 1 | 0.5 | 110 | 148 | 0.29 | 23 | 0.41 | 0.2 | 27 | 35 |
| SA5101564 | | 0.05 | 4.42 | 0.5 | 3 | 0.5 | 450 | 571 | 1.39 | 17 | 1.57 | 0.05 | 140 | 160 |
| SA5101565 | | 0.05 | 0.70 | 0.25 | 1 | 0.5 | 56 | 48 | 0.26 | 10 | 0.26 | 0.1 | 60 | 55 |
| SA5101566 | Bottom possibly disturbed by chopper | 0.05 | 0.36 | 1 | 1 | 1 | 71 | 72 | 0.12 | 16 | 0.43 | 0.2 | 27 | 26 |
| SA5101567 | | 0.05 | 1.62 | 0.25 | 5 | 0.5 | 84 | 142 | 0.81 | 24 | 0.50 | 0.2 | 200 | 236 |
| SA5101568 | | 0.05 | 0.95 | 1.2 | 1 | 0.5 | 110 | 118 | 0.27 | 18 | 0.53 | 0.2 | 54 | 57 |
| SA5101569 | | 0.05 | 2.57 | 0.6 | 3 | 0.5 | 290 | 356 | 0.83 | 16 | 1.02 | 0.1 | 120 | 133 |
| SA5101570 | | 0.05 | 4.65 | 1.2 | 4 | 0.5 | 590 | 670 | 1.28 | 9 | 1.65 | 0.05 | 120 | 125 |
| SA5101571 | Some peat | 0.05 | 1.15 | 0.25 | 1 | 0.5 | 87 | 92 | 0.30 | 33 | 0.43 | 0.3 | 36 | 56 |
| SA5101572 | Some peat | 0.05 | 4.09 | 0.8 | 6 | 0.5 | 460 | 567 | 1.12 | 17 | 1.63 | 0.05 | 240 | 272 |
| SA5101573 | Contains lots of peat | 0.05 | 0.41 | 1 | 3 | 0.5 | 25 | 57 | 0.05 | 10 | 0.28 | 0.1 | 28 | 28 |
| SA5101574 | Some fine clastic | 0.05 | 1.29 | 1.1 | 4 | 2 | 170 | 192 | 0.41 | 13 | 0.43 | 0.2 | 120 | 148 |
| SA5101575 | | 0.05 | 0.69 | 0.8 | 1 | 0.5 | 120 | 149 | 0.21 | 28 | 0.43 | 0.3 | 30 | 34 |
| SA5101576 | FPS some peat | 0.05 | 1.19 | 0.9 | 2 | 2 | 190 | 205 | 0.46 | 10 | 0.51 | 0.05 | 75 | 85 |
| SA5101577 | | 0.05 | 2.26 | 0.6 | 3 | 0.5 | 270 | 354 | 0.87 | 13 | 0.68 | 0.05 | 100 | 117 |
| SA5101578 | | 0.05 | 0.87 | 0.25 | 1 | 1 | 140 | 152 | 0.27 | 13 | 0.56 | 0.2 | 61 | 71 |
| SA5101579 | | 0.05 | 0.95 | 0.25 | 1 | 0.5 | 130 | 145 | 0.42 | 11 | 0.50 | 0.2 | 77 | 80 |
| SA5101580 | | 0.05 | 2.26 | 0.6 | 4 | 0.5 | 300 | 376 | 0.87 | 16 | 0.69 | 0.1 | 130 | 153 |
| SA5101581 | | 0.05 | 2.28 | 1.2 | 5 | 0.5 | 230 | 299 | 0.80 | 27 | 0.76 | 0.1 | 170 | 177 |
| SA5101582 | Some peat | 0.05 | 0.89 | 0.25 | 3 | 0.5 | 78 | 113 | 0.48 | 12 | 0.51 | 0.2 | 100 | 114 |
| SA5101583 | | 0.05 | 1.59 | 1.4 | 1 | 0.5 | 180 | 296 | 0.47 | 15 | 1.18 | 0.3 | 47 | 53 |
| SA5101584 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101585 | | 0.05 | 1.14 | 0.25 | 1 | 0.5 | 130 | 168 | 0.31 | 19 | 0.51 | 0.2 | 73 | 80 |
| SA5101586 | | 0.05 | 0.58 | 0.6 | 1 | 1 | 79 | 107 | 0.21 | 14 | 0.73 | 0.3 | 64 | 66 |
| SA5101587 | | 0.05 | 0.29 | 0.25 | 1 | 2 | 75 | 93 | 0.05 | 19 | 0.32 | 0.2 | 11 | 12 |
| SA5101588 | | 0.05 | 2.41 | 4 | 7 | 0.5 | 170 | 226 | 0.87 | 58 | 0.80 | 0.2 | 180 | 194 |
| SA5101589 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101590 | | 0.05 | 1.39 | 0.25 | 3 | 0.5 | 67 | 57 | 0.37 | 23 | 0.65 | 0.2 | 98 | 100 |
| SA5101591 | | 0.05 | 0.64 | 0.25 | 1 | 0.5 | 80 | 107 | 0.18 | 18 | 0.40 | 0.2 | 33 | 36 |
| SA5101592 | | 0.05 | 0.94 | 0.25 | 2 | 0.5 | 64 | 72 | 0.22 | 10 | 0.43 | 0.2 | 60 | 70 |
| SA5101593 | Some peat | 0.05 | 2.19 | 0.8 | 4 | 2 | 99 | 139 | 0.60 | 22 | 0.82 | 0.4 | 110 | 135 |
| SA5101594 | | 0.05 | 2.62 | 0.7 | 5 | 0.5 | 77 | 170 | 0.64 | 83 | 1.08 | 0.05 | 130 | 149 |
| SA5101595 | | 0.05 | 1.24 | 0.25 | 1 | 0.5 | 25 | 50 | 0.25 | 8 | 0.32 | 0.2 | 57 | 67 |
| SA5101596 | | 0.05 | 2.67 | 0.25 | 3 | 2 | 120 | 141 | 0.61 | 37 | 0.94 | 0.2 | 87 | 94 |
| SA5101597 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101598 | | -9 | 0.65 | -9 | 1 | -9 | -9 | 66 | 0.11 | -9 | 0.61 | 0.4 | -9 | 29 |
| SA5101599 | | 0.05 | 1.01 | 0.25 | 1 | 0.5 | 74 | 80 | 0.24 | 14 | 0.53 | 0.3 | 59 | 72 |
| SA5101600 | | 0.05 | 2.25 | 0.9 | 4 | 0.5 | 130 | 187 | 0.50 | 21 | 0.94 | 0.2 | 150 | 157 |
| SA5101601 | | 0.05 | 1.59 | 0.8 | 3 | 0.5 | 90 | 120 | 0.29 | 16 | 0.58 | 0.2 | 69 | 77 |
| SA5101602 | | 0.05 | 1.35 | 0.25 | 1 | 0.5 | 25 | 77 | 0.22 | 21 | 0.55 | 0.2 | 42 | 46 |
| SA5101603 | | 0.05 | 0.57 | 0.25 | 1 | 0.5 | 25 | 42 | 0.11 | 11 | 0.43 | 0.2 | 23 | 27 |
| SA5101604 | Water sample level very low, almost dried up, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101605 | | 0.05 | 1.36 | 0.25 | 3 | 2 | 25 | 54 | 0.27 | 18 | 0.51 | 0.2 | 38 | 41 |
| SA5101606 | | 0.05 | 1.98 | 0.25 | 2 | 0.5 | 170 | 185 | 0.37 | 8 | 0.78 | 0.1 | 55 | 55 |
| SA5101607 | | 0.05 | 1.09 | 0.25 | 1 | 0.5 | 25 | 58 | 0.23 | 8 | 0.44 | 0.2 | 35 | 43 |
| SA5101608 | | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 100 | 114 | 0.12 | 16 | 0.34 | 0.2 | 16 | 16 |
| SA5101609 | | 0.05 | 1.35 | 0.25 | 1 | 0.5 | 71 | 107 | 0.27 | 10 | 0.55 | 0.2 | 49 | 58 |
| SA5101610 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101611 | Some peat | 0.05 | 2.81 | 0.25 | 1 | 0.5 | 230 | 262 | 0.36 | 39 | 0.53 | 0.2 | 45 | 46 |
| SA5101612 | | 0.05 | 0.83 | 0.25 | 1 | 0.5 | 25 | 47 | 0.16 | 10 | 0.55 | 0.2 | 37 | 45 |
| SA5101613 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101614 | | 0.05 | 2.18 | 2.6 | 4 | 0.5 | 160 | 212 | 0.45 | 26 | 1.29 | 0.2 | 98 | 113 |
| SA5101615 | | 0.05 | 0.98 | 0.25 | 1 | 3 | 83 | 102 | 0.19 | 15 | 0.56 | 0.2 | 61 | 74 |
| SA5101616 | | 0.05 | 0.85 | 0.5 | 1 | 1 | 110 | 94 | 0.14 | 13 | 0.68 | 0.4 | 40 | 47 |
| SA5101617 | | 0.05 | 0.91 | 0.25 | 1 | 2 | 52 | 81 | 0.14 | 9 | 0.51 | 0.2 | 46 | 49 |
| SA5101618 | | 0.05 | 0.55 | 0.25 | 1 | 0.5 | 72 | 87 | 0.11 | 14 | 0.59 | 0.3 | 8 | 14 |
| SA5101619 | | 0.05 | 0.58 | 0.25 | 1 | 0.5 | 54 | 85 | 0.05 | 24 | 0.55 | 0.3 | 18 | 22 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | | 0.05 | 2.45 | 0.25 | 4 | 0.5 | 270 | 343 | 0.42 | 30 | 0.80 | 0.2 | 48 | 47 |
| SA5101621 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101622 | | 0.05 | 0.76 | 0.8 | 1 | 2 | 84 | 93 | 0.11 | 8 | 0.58 | 0.2 | 26 | 26 |
| SA5101623 | | -9 | 0.31 | 0.25 | 1 | 2 | 70 | 87 | 0.05 | 16 | 0.35 | 0.2 | 1.5 | 6 |
| SA5101624 | | 0.05 | 0.53 | 0.25 | 1 | 3 | 91 | 123 | 0.05 | 17 | 0.35 | 0.1 | 11 | 10 |
| SA5101625 | | 0.05 | 0.89 | 0.25 | 1 | 0.5 | 71 | 115 | 0.13 | 10 | 0.57 | 0.2 | 29 | 38 |
| SA5101626 | | 0.05 | 0.46 | 0.25 | 1 | 0.5 | 61 | 86 | 0.05 | 16 | 0.25 | 0.3 | 1.5 | 14 |
| SA5101627 | | 0.05 | 0.63 | 0.25 | 1 | 0.5 | 25 | 42 | 0.18 | 15 | 0.54 | 0.2 | 36 | 31 |
| SA5101628 | | 0.05 | 0.89 | 0.25 | 1 | 0.5 | 25 | 64 | 0.21 | 20 | 0.64 | 0.2 | 29 | 34 |
| SA5101629 | | 0.05 | 1.65 | 0.25 | 1 | 2 | 99 | 138 | 0.35 | 8 | 0.86 | 0.2 | 54 | 62 |
| SA5101630 | Dried up nearby lake sampled | 0.05 | 1.28 | 0.25 | 1 | 0.5 | 100 | 98 | 0.25 | 13 | 0.79 | 0.3 | 40 | 42 |
| SA5101631 | | 0.05 | 2.94 | 0.25 | 2 | 0.5 | 210 | 250 | 0.54 | 11 | 1.34 | 0.3 | 65 | 68 |
| SA5101632 | Poor sample | -9 | 1.58 | 0.25 | 2 | 2 | 150 | 152 | 0.35 | 25 | 1.67 | 0.2 | 41 | 43 |
| SA5101633 | | 0.05 | 1.75 | 0.25 | 1 | 0.5 | 170 | 224 | 0.45 | 17 | 0.73 | 0.2 | 52 | 57 |
| SA5101634 | | 0.05 | 1.57 | 1.1 | 3 | 3 | 90 | 136 | 0.30 | 12 | 0.77 | 0.2 | 53 | 59 |
| SA5101635 | | 0.05 | 1.54 | 0.25 | 2 | 0.5 | 78 | 112 | 0.33 | 8 | 0.64 | 0.2 | 38 | 46 |
| SA5101636 | Minor inorganic clastic component | 0.05 | 3.67 | 0.7 | 3 | 0.5 | 240 | 304 | 0.66 | 11 | 1.56 | 0.3 | 71 | 84 |
| SA5101637 | Minor inorganic clastic component | 0.05 | 2.72 | 0.25 | 2 | 0.5 | 170 | 233 | 0.53 | 9 | 1.47 | 0.2 | 64 | 71 |
| SA5101638 | | 0.05 | 0.82 | 0.25 | 1 | 0.5 | 25 | 66 | 0.19 | 10 | 0.52 | 0.2 | 44 | 54 |
| SA5101639 | | 0.05 | 4.19 | 0.25 | 3 | 0.5 | 310 | 359 | 1.00 | 17 | 1.79 | 0.2 | 130 | 144 |
| SA5101640 | Esker | 0.05 | 0.84 | 0.25 | 1 | 0.5 | 63 | 63 | 0.20 | 18 | 0.54 | 0.3 | 23 | 28 |
| SA5101641 | | 0.05 | 0.75 | 0.25 | 1 | 0.5 | 25 | 37 | 0.28 | 35 | 0.31 | 0.05 | 74 | 92 |
| SA5101642 | | 0.05 | 0.89 | 0.25 | 2 | 0.5 | 25 | 87 | 0.31 | 13 | 0.49 | 0.2 | 81 | 97 |
| SA5101643 | | 0.05 | 0.89 | 0.25 | 1 | 0.5 | 83 | 120 | 0.22 | 21 | 0.35 | 0.3 | 18 | 24 |
| SA5101644 | | 0.05 | 3.28 | 0.25 | 4 | 0.5 | 180 | 248 | 0.95 | 26 | 1.03 | 0.3 | 170 | 193 |
| SA5101645 | | 0.05 | 1.03 | 0.25 | 1 | 0.5 | 25 | 41 | 0.27 | 23 | 0.41 | 0.3 | 42 | 64 |
| SA5101646 | | 0.05 | 4.83 | 0.8 | 3 | 0.5 | 390 | 527 | 1.33 | 16 | 1.73 | 0.1 | 110 | 122 |
| SA5101647 | | 0.05 | 0.70 | 1.2 | 1 | 0.5 | 25 | 54 | 0.22 | 21 | 0.52 | 0.3 | 75 | 88 |
| SA5101648 | | 0.05 | 0.68 | 0.6 | 3 | 0.5 | 25 | 65 | 0.17 | 12 | 0.40 | 0.2 | 40 | 50 |
| SA5101649 | | 0.05 | 0.71 | 1 | 1 | 0.5 | 65 | 75 | 0.19 | 6 | 0.39 | 0.2 | 32 | 40 |
| SA5101650 | | 0.05 | 0.96 | 0.6 | 1 | 0.5 | 81 | 100 | 0.22 | 10 | 0.40 | 0.2 | 51 | 61 |
| SA5101651 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101652 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101653 | | 0.05 | 2.17 | 0.8 | 4 | 0.5 | 110 | 148 | 0.63 | 17 | 0.91 | 0.4 | 130 | 158 |
| SA5101654 | | 0.05 | 1.56 | 1 | 2 | 0.5 | 69 | 113 | 0.42 | 26 | 0.66 | 0.2 | 64 | 79 |
| SA5101655 | | 0.05 | 3.88 | 0.9 | 3 | 0.5 | 310 | 386 | 1.01 | 14 | 1.46 | 0.5 | 130 | 141 |
| SA5101656 | | 0.05 | 1.36 | 1.3 | 2 | 0.5 | 25 | 53 | 0.28 | 25 | 0.49 | 0.3 | 78 | 91 |
| SA5101657 | | 0.05 | 0.63 | 0.5 | 1 | 1 | 25 | 52 | 0.16 | 12 | 0.38 | 0.2 | 49 | 63 |
| SA5101658 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101659 | | 0.05 | 1.37 | 0.7 | 3 | 0.5 | 87 | 125 | 0.36 | 12 | 0.59 | 0.2 | 78 | 90 |
| SA5101660 | | 0.05 | 1.27 | 0.25 | 2 | 0.5 | 120 | 174 | 0.31 | 30 | 0.29 | 0.4 | 68 | 73 |
| SA5101661 | Esker, moved from original site, too small | 0.05 | 1.12 | 0.25 | 1 | 0.5 | 94 | 120 | 0.31 | 28 | 0.27 | 0.5 | 84 | 87 |
| SA5101662 | | 0.05 | 1.63 | 1 | 3 | 0.5 | 57 | 70 | 0.33 | 32 | 0.68 | 0.3 | 93 | 100 |
| SA5101663 | | 0.05 | 1.46 | 0.7 | 2 | 0.5 | 25 | 60 | 0.29 | 32 | 0.63 | 0.3 | 78 | 88 |
| SA5101664 | Some peat | 0.05 | 0.34 | 0.5 | 2 | 0.5 | 25 | 43 | 0.05 | 10 | 0.31 | 0.2 | 20 | 27 |
| SA5101665 | Some peat | 0.05 | 0.53 | 0.8 | 1 | 0.5 | 120 | 171 | 0.33 | 18 | 0.33 | 0.2 | 59 | 64 |
| SA5101666 | | 0.05 | 1.69 | 0.8 | 4 | 0.5 | 60 | 82 | 0.68 | 26 | 0.59 | 0.4 | 180 | 201 |
| SA5101667 | Minor fine grained clastic | 0.05 | 4.00 | 0.25 | 2 | 0.5 | 300 | 367 | 0.63 | 11 | 1.45 | 0.05 | 33 | 40 |
| SA5101668 | | 0.05 | 1.48 | 0.25 | 1 | 0.5 | 96 | 141 | 0.24 | 8 | 0.64 | 0.2 | 31 | 35 |
| SA5101669 | | 0.05 | 0.96 | 0.8 | 1 | 0.5 | 25 | 53 | 0.18 | 16 | 0.48 | 0.2 | 58 | 66 |
| SA5101670 | | 0.05 | 0.82 | 0.6 | 1 | 0.5 | 77 | 80 | 0.15 | 11 | 0.45 | 0.2 | 44 | 51 |
| SA5101671 | Moved from original site too small | 0.05 | 1.23 | 0.25 | 1 | 0.5 | 140 | 176 | 0.30 | 31 | 0.27 | 0.4 | 68 | 72 |
| SA5101672 | | 0.05 | 1.26 | 0.25 | 3 | 0.5 | 50 | 58 | 0.21 | 16 | 0.47 | 0.2 | 94 | 98 |
| SA5101673 | Shifted to larger lake, esker | 0.05 | 2.46 | 0.9 | 3 | 0.5 | 130 | 168 | 0.53 | 22 | 1.08 | 0.3 | 110 | 130 |
| SA5101674 | | 0.05 | 1.89 | 0.25 | 7 | 0.5 | 82 | 114 | 0.61 | 28 | 0.42 | 0.05 | 307 | 364 |
| SA5101675 | Minor peat | 0.05 | 1.28 | 0.25 | 2 | 0.5 | 87 | 118 | 0.29 | 12 | 0.72 | 0.2 | 66 | 70 |
| SA5101676 | Tiny pond almost dried up | 0.05 | 3.28 | 0.25 | 1 | 0.5 | 230 | 295 | 0.58 | 7 | 1.12 | 0.05 | 43 | 45 |
| SA5101677 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101678 | | -9 | 1.70 | 1.4 | 3 | 0.5 | 82 | 100 | 0.47 | 28 | 0.61 | 0.7 | 50 | 74 |
| SA5101679 | | -9 | 0.30 | 0.25 | 1 | 0.5 | 25 | 58 | 0.05 | 15 | 0.72 | 0.3 | 8 | 9 |
| SA5101680 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | | 0.05 | 0.55 | 0.25 | 1 | 0.5 | 25 | 45 | 0.10 | 10 | 0.47 | 0.2 | 44 | 50 |
| SA5101682 | | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 52 | 70 | 0.14 | 5 | 0.43 | 0.2 | 24 | 24 |
| SA5101683 | Shifted to larger lake | 0.05 | 0.95 | 0.8 | 1 | 0.5 | 64 | 80 | 0.17 | 9 | 0.57 | 0.3 | 37 | 44 |
| SA5101684 | Shifted to larger lake | 0.05 | 0.94 | 0.7 | 1 | 0.5 | 57 | 72 | 0.17 | 9 | 0.56 | 0.2 | 36 | 41 |
| SA5101685 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101686 | | -9 | 0.76 | 0.25 | 1 | 2 | 25 | 48 | 0.15 | 8 | 0.38 | 0.3 | 24 | 29 |
| SA5101687 | | 0.05 | 0.66 | 0.8 | 1 | 0.5 | 25 | 45 | 0.05 | 11 | 0.45 | 0.2 | 20 | 25 |
| SA5101688 | | 0.05 | 0.99 | 0.9 | 1 | 0.5 | 54 | 75 | 0.17 | 13 | 0.57 | 0.2 | 32 | 32 |
| SA5101689 | Shifted to larger lake | 0.05 | 0.99 | 0.7 | 1 | 0.5 | 53 | 80 | 0.18 | 12 | 0.65 | 0.2 | 23 | 31 |
| SA5101690 | Very low water sample level, rock rings on pond floor, water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101691 | | 0.05 | 0.38 | 0.25 | 1 | 0.5 | 25 | 57 | 0.05 | 12 | 0.36 | 0.1 | 8 | 11 |
| SA5101692 | | 0.05 | 0.62 | 0.6 | 1 | 0.5 | 25 | 49 | 0.05 | 8 | 0.39 | 0.2 | 28 | 30 |
| SA5101693 | Close to major esker | 0.05 | 1.15 | 0.5 | 1 | 0.5 | 57 | 64 | 0.20 | 31 | 0.32 | 0.2 | 20 | 23 |
| SA5101694 | | 0.05 | 1.08 | 1 | 2 | 0.5 | 120 | 159 | 0.17 | 25 | 0.36 | 0.3 | 28 | 29 |
| SA5101695 | | 0.05 | 0.85 | 0.6 | 1 | 0.5 | 59 | 80 | 0.14 | 14 | 0.49 | 0.2 | 26 | 32 |
| SA5101696 | | 0.05 | 1.35 | 0.7 | 1 | 0.5 | 97 | 125 | 0.20 | 9 | 0.67 | 0.2 | 36 | 40 |
| SA5101697 | | 0.05 | 0.88 | 0.25 | 1 | 0.5 | 79 | 98 | 0.16 | 7 | 0.68 | 0.2 | 29 | 33 |
| SA5101698 | | 0.05 | 1.42 | 0.25 | 1 | 0.5 | 92 | 129 | 0.19 | 12 | 0.74 | 0.2 | 42 | 46 |
| SA5101699 | | 0.05 | 0.47 | 0.25 | 1 | 0.5 | 70 | 86 | 0.10 | 14 | 0.37 | 0.2 | 7 | 9 |
| SA5101700 | | 0.05 | 0.35 | 0.25 | 1 | 0.5 | 25 | 43 | 0.05 | 5 | 0.19 | 0.1 | 7 | 8 |
| SA5101701 | Water Sample only, rocky bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101702 | | 0.05 | 0.23 | 0.6 | 1 | 0.5 | 25 | 49 | 0.05 | 17 | 1.73 | 0.3 | 8 | 8 |
| SA5101703 | | 0.05 | 0.74 | 0.25 | 1 | 0.5 | 59 | 72 | 0.12 | 11 | 0.47 | 0.2 | 22 | 29 |
| SA5101704 | | 0.05 | 1.25 | 0.8 | 1 | 0.5 | 88 | 103 | 0.22 | 10 | 0.72 | 0.3 | 30 | 36 |
| SA5101705 | | 0.05 | 0.81 | 0.25 | 1 | 0.5 | 57 | 84 | 0.14 | 15 | 0.67 | 0.3 | 30 | 32 |
| SA5101706 | | 0.05 | 0.34 | 0.7 | 1 | 0.5 | 58 | 73 | 0.05 | 16 | 0.48 | 0.3 | 1.5 | 10 |
| SA5101707 | Sandy banks | 0.05 | 1.39 | 0.9 | 1 | 0.5 | 96 | 98 | 0.22 | 19 | 0.69 | 0.2 | 58 | 64 |
| SA5101708 | | -9 | 0.87 | 0.25 | 1 | 0.5 | 95 | 106 | 0.14 | 18 | 0.41 | 0.4 | 22 | 18 |
| SA5101709 | | 0.05 | 1.08 | 0.6 | 1 | 0.5 | 52 | 69 | 0.18 | 10 | 0.80 | 0.3 | 41 | 50 |
| SA5101710 | | 0.05 | 1.28 | 0.25 | 1 | 0.5 | 98 | 148 | 0.17 | 10 | 0.76 | 0.1 | 26 | 26 |
| SA5101711 | | 0.2 | 4.88 | 3 | 6 | 0.5 | 320 | 403 | 0.70 | 24 | 2.26 | 0.3 | 77 | 93 |
| SA5101712 | | 0.2 | 0.35 | 0.25 | 1 | 1 | 25 | 42 | 0.05 | 7 | 0.48 | 0.2 | 11 | 11 |
| SA5101713 | Sandy banks | 0.05 | 1.01 | 0.25 | 1 | 0.5 | 25 | 59 | 0.15 | 15 | 0.62 | 0.3 | 31 | 38 |
| SA5101714 | | 0.05 | 1.87 | 1 | 1 | 0.5 | 130 | 157 | 0.23 | 12 | 1.07 | 0.1 | 34 | 40 |
| SA5101715 | | 0.05 | 1.13 | 0.25 | 1 | 3 | 78 | 95 | 0.19 | 9 | 0.59 | 0.2 | 45 | 51 |
| SA5101716 | | 0.05 | 0.81 | 0.25 | 1 | 0.5 | 25 | 56 | 0.05 | 18 | 0.34 | 0.1 | 17 | 31 |
| SA5101717 | | 0.05 | 1.31 | 0.25 | 1 | 2 | 100 | 120 | 0.19 | 11 | 0.79 | 0.2 | 17 | 21 |
| SA5101718 | | 0.05 | 0.47 | 0.6 | 1 | 0.5 | 25 | 41 | 0.05 | 8 | 0.41 | 0.2 | 15 | 21 |
| SA5101719 | | 0.05 | 1.05 | 0.25 | 1 | 0.5 | 25 | 82 | 0.16 | 12 | 0.56 | 0.2 | 40 | 46 |
| SA5101720 | Some peat | 0.05 | 2.19 | 0.8 | 3 | 0.5 | 150 | 197 | 0.35 | 24 | 1.30 | 0.3 | 30 | 43 |
| SA5101721 | Water sample only, rocky bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101722 | | 0.05 | 0.47 | 0.25 | 1 | 0.5 | 57 | 68 | 0.05 | 10 | 0.30 | 0.2 | 7 | 15 |
| SA5101723 | | 0.05 | 1.93 | 0.25 | 2 | 0.5 | 140 | 191 | 0.34 | 8 | 0.96 | 0.1 | 45 | 50 |
| SA5101724 | | 0.05 | 1.44 | 0.25 | 1 | 0.5 | 92 | 121 | 0.26 | 9 | 0.89 | 0.3 | 22 | 25 |
| SA5101725 | Some peat | 0.05 | 0.32 | 0.5 | 1 | 0.5 | 25 | 38 | 0.05 | 10 | 0.87 | 0.2 | 8 | 15 |
| SA5101726 | | 0.05 | 0.45 | 0.25 | 1 | 2 | 25 | 29 | 0.05 | 6 | 0.26 | 0.1 | 13 | 16 |
| SA5101727 | Some peat | 0.05 | 0.45 | 0.25 | 1 | 0.5 | 25 | 30 | 0.05 | 6 | 0.25 | 0.1 | 1.5 | 15 |
| SA5101728 | | 0.05 | 2.08 | 0.25 | 2 | 0.5 | 120 | 165 | 0.46 | 11 | 0.94 | 0.3 | 61 | 67 |
| SA5101729 | | 0.05 | 0.76 | 0.25 | 1 | 0.5 | 50 | 50 | 0.11 | 7 | 0.31 | 0.1 | 20 | 21 |
| SA5101730 | Some peat and some coarse clastic | 0.05 | 4.13 | 0.25 | 3 | 0.5 | 250 | 357 | 0.65 | 6 | 1.81 | 0.05 | 49 | 46 |
| SA5101731 | | 0.05 | 4.69 | 0.25 | 3 | 0.5 | 320 | 389 | 0.78 | 12 | 2.05 | 0.1 | 78 | 80 |
| SA5101732 | Some organic ooze | 0.05 | 5.12 | 0.25 | 2 | 0.5 | 460 | 539 | 0.80 | 12 | 1.55 | 0.05 | 43 | 35 |
| SA5101733 | Some peat | 0.05 | 0.94 | 0.25 | 1 | 0.5 | 61 | 70 | 0.15 | 6 | 0.43 | 0.2 | 24 | 31 |
| SA5101734 | | 0.05 | 1.25 | 0.25 | 3 | 0.5 | 70 | 90 | 0.16 | 8 | 0.45 | 0.2 | 29 | 40 |
| SA5101735 | | 0.1 | 1.44 | 0.25 | 1 | 0.5 | 95 | 130 | 0.23 | 23 | 0.37 | 0.2 | 25 | 28 |
| SA5101736 | | 0.05 | 1.92 | 0.9 | 2 | 0.5 | 25 | 57 | 0.24 | 24 | 0.57 | 0.3 | 63 | 69 |
| SA5101737 | Lots of peat | 0.05 | 0.90 | 0.25 | 1 | 0.5 | 63 | 87 | 0.14 | 5 | 0.43 | 0.1 | 11 | 19 |
| SA5101738 | Water only, rock rings on lake bottom | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101739 | | 0.05 | 1.35 | 0.25 | 1 | 0.5 | 98 | 163 | 0.25 | 11 | 0.53 | 0.2 | 51 | 65 |
| SA5101740 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101741 | Lots of peat | 0.05 | 1.04 | 0.25 | 1 | 0.5 | 110 | 126 | 0.18 | 23 | 0.34 | 0.1 | 19 | 25 |

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | Some coarse clastic | 0.05 | 4.17 | 0.25 | 3 | 0.5 | 370 | 392 | 0.71 | 12 | 1.44 | 0.2 | 82 | 79 |
| SA5101743 | Some peat | 0.05 | 0.99 | 1.1 | 1 | 0.5 | 100 | 145 | 0.19 | 17 | 0.31 | 0.2 | 26 | 33 |
| SA5101744 | | 0.05 | 1.53 | 0.25 | 1 | 0.5 | 100 | 135 | 0.23 | 12 | 0.85 | 0.2 | 30 | 31 |
| SA5101745 | | 0.05 | 1.51 | 0.9 | 1 | 0.5 | 100 | 113 | 0.30 | 31 | 0.61 | 0.3 | 40 | 45 |
| SA5101746 | Some peat | 0.05 | 3.97 | 0.25 | 2 | 0.5 | 230 | 316 | 0.55 | 17 | 1.27 | 0.2 | 38 | 39 |
| SA5101747 | Too rocky, water only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101748 | Too rocky to land, moved nearby, some coarse clastics | 0.05 | 3.89 | 2.1 | 2 | 0.5 | 270 | 297 | 0.63 | 14 | 1.79 | 0.4 | 64 | 64 |
| SA5101749 | | 0.05 | 0.92 | 0.8 | 1 | 0.5 | 25 | 84 | 0.15 | 10 | 0.51 | 0.2 | 27 | 31 |
| SA5101750 | Abundant coarse clastic, very poor sample | 0.05 | 6.02 | 0.25 | 4 | 0.5 | 290 | 338 | 0.60 | 12 | 2.54 | 0.2 | 16 | 27 |
| SA5101751 | Too rocky, water only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101752 | Next to esker | 0.05 | 0.99 | 1 | 1 | 0.5 | 25 | 77 | 0.14 | 10 | 0.61 | 0.2 | 28 | 35 |
| SA5101753 | Too rocky, water only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101754 | Too rocky, water only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101755 | | 0.05 | 1.05 | 0.25 | 1 | 0.5 | 25 | 68 | 0.14 | 11 | 0.56 | 0.2 | 37 | 48 |
| SA5101756 | Water only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101757 | | 0.05 | 2.48 | 1.5 | 4 | 3 | 120 | 147 | 0.48 | 26 | 0.73 | 0.2 | 120 | 139 |
| SA5101758 | | 0.05 | 0.87 | 0.9 | 1 | 1 | 25 | 59 | 0.13 | 10 | 0.56 | 0.3 | 10 | 16 |
| SA5101759 | | 0.05 | 3.16 | 0.9 | 3 | 0.5 | 270 | 300 | 0.49 | 12 | 1.48 | 0.2 | 27 | 35 |
| SA5101760 | Bottom possibly disturbed by chopper | 0.05 | 0.83 | 0.7 | 1 | 0.5 | 85 | 95 | 0.15 | 18 | 0.91 | 0.3 | 7 | 14 |
| SA5101761 | | 0.05 | 6.32 | 0.9 | 3 | 0.5 | 480 | 505 | 0.83 | 9 | 2.56 | 0.05 | 52 | 47 |
| SA5101762 | | 0.05 | 0.57 | 0.25 | 1 | 2 | 25 | 44 | 0.05 | 16 | 0.65 | 0.3 | 8 | 9 |
| SA5101763 | Too rocky, moved nearby, some peat | 0.05 | 1.02 | 1.5 | 1 | 0.5 | 80 | 81 | 0.20 | 15 | 0.48 | 0.3 | 21 | 30 |
| SA5101764 | Water only, too rocky | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101765 | Water only, too rocky | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101766 | | 0.05 | 2.54 | 0.25 | 3 | 0.5 | 320 | 180 | 1.08 | 32 | 1.59 | 0.3 | 84 | 98 |
| SA5101767 | Water only, too rocky | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101768 | | 0.05 | 1.60 | 1.9 | 4 | 0.5 | 120 | 180 | 0.80 | 9 | 0.70 | 0.2 | 130 | 158 |
| SA5101769 | | 0.05 | 1.41 | 0.9 | 3 | 0.5 | 99 | 133 | 0.78 | 14 | 0.57 | 0.3 | 110 | 118 |
| SA5101770 | | 0.05 | 0.98 | 2 | 3 | 0.5 | 130 | 211 | 0.54 | 26 | 0.35 | 0.2 | 70 | 74 |
| SA5101771 | Water only, too rocky | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101772 | | 0.05 | 0.85 | 0.25 | 2 | 0.5 | 120 | 154 | 0.74 | 18 | 0.25 | 0.3 | 78 | 87 |
| SA5101773 | Dried up, moved to nearby lake | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 160 | 205 | 0.24 | 16 | 0.29 | 0.2 | 23 | 31 |
| SA5101774 | | 0.05 | 0.60 | 0.25 | 1 | 0.5 | 98 | 131 | 0.18 | 22 | 0.27 | 0.3 | 21 | 24 |
| SA5101775 | | 0.05 | 1.64 | 0.25 | 3 | 0.5 | 100 | 138 | 0.70 | 12 | 0.67 | 0.3 | 110 | 121 |
| SA5101776 | | 0.05 | 1.70 | 0.25 | 3 | 0.5 | 84 | 109 | 0.52 | 18 | 0.60 | 0.2 | 85 | 99 |
| SA5101777 | | 0.05 | 0.98 | 0.25 | 2 | 0.5 | 25 | 99 | 0.16 | 33 | 0.22 | 0.3 | 17 | 23 |
| SA5101778 | | 0.05 | 1.28 | 0.6 | 3 | 0.5 | 140 | 165 | 0.47 | 8 | 0.52 | 0.1 | 84 | 100 |
| SA5101779 | | 0.05 | 2.37 | 0.25 | 4 | 0.5 | 110 | 153 | 1.08 | 18 | 0.67 | 0.2 | 180 | 204 |
| SA5101780 | | 0.05 | 1.06 | 0.25 | 1 | 0.5 | 140 | 189 | 0.37 | 12 | 0.37 | 0.05 | 38 | 52 |
| SA5101781 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101782 | | 0.05 | 1.08 | 0.25 | 1 | 0.5 | 79 | 115 | 0.39 | 14 | 0.58 | 0.1 | 44 | 47 |
| SA5101783 | | 0.05 | 1.54 | 0.5 | 2 | 0.5 | 120 | 153 | 0.30 | 11 | 0.43 | 0.2 | 64 | 88 |
| SA5101784 | | 0.05 | 1.13 | 0.25 | 1 | 0.5 | 80 | 108 | 0.23 | 15 | 0.49 | 0.2 | 72 | 79 |
| SA5101785 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101786 | | 0.05 | 1.21 | 1.7 | 3 | 0.5 | 72 | 88 | 0.26 | 23 | 0.62 | 0.5 | 28 | 29 |
| SA5101787 | | 0.05 | 1.22 | 1.3 | 2 | 0.5 | 100 | 133 | 0.25 | 15 | 0.78 | 0.3 | 29 | 38 |
| SA5101788 | | 0.1 | 1.75 | 0.8 | 1 | 0.5 | 92 | 124 | 0.22 | 30 | 0.44 | 0.3 | 15 | 18 |
| SA5101789 | | 0.1 | 0.82 | 1.7 | 1 | 1 | 77 | 82 | 0.13 | 15 | 0.83 | 0.5 | 13 | 20 |
| SA5101790 | Too rocky to land, moved nearby | 0.05 | 2.24 | 1.3 | 3 | 0.5 | 180 | 213 | 0.30 | 9 | 1.29 | 0.1 | 23 | 24 |
| SA5101791 | Dried up, nearby lake sampled | 0.05 | 0.37 | 0.25 | 1 | 0.5 | 63 | 88 | 0.05 | 16 | 1.02 | 0.3 | 7 | 11 |
| SA5101792 | | 0.05 | 2.20 | 0.8 | 2 | 0.5 | 170 | 223 | 0.40 | 11 | 0.75 | 0.2 | 86 | 98 |
| SA5101793 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101794 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101795 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101796 | | 0.05 | 1.36 | 0.5 | 1 | 0.5 | 120 | 170 | 0.18 | 9 | 0.61 | 0.1 | 25 | 32 |
| SA5101797 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101798 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101799 | | -9 | 2.62 | 0.9 | 4 | 0.5 | 240 | 264 | 0.74 | 21 | 0.75 | 0.2 | 180 | 196 |
| SA5101800 | Some peat | 0.05 | 1.72 | 0.8 | 1 | 0.5 | 69 | 122 | 0.29 | 14 | 1.36 | 0.4 | 35 | 42 |
| SA5101801 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101802 | Dried up, nearby lake sampled | 0.05 | 2.22 | 0.6 | 3 | 0.5 | 110 | 137 | 0.57 | 10 | 0.44 | 0.1 | 150 | 158 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | | 0.05 | 0.77 | 0.25 | 1 | 0.5 | 94 | 135 | 0.17 | 14 | 0.39 | 0.2 | 50 | 54 |
| SA5101804 | | 0.05 | 1.20 | 0.25 | 1 | 1 | 110 | 116 | 0.20 | 10 | 0.49 | 0.1 | 45 | 59 |
| SA5101805 | | 0.05 | 1.20 | 0.25 | 3 | 0.5 | 96 | 121 | 0.20 | 12 | 0.51 | 0.2 | 48 | 57 |
| SA5101806 | | 0.05 | 1.45 | 0.25 | 1 | 0.5 | 150 | 187 | 0.22 | 11 | 0.67 | 0.1 | 49 | 54 |
| SA5101807 | Some peat | -9 | 0.86 | -9 | 1 | -9 | -9 | 160 | 0.16 | -9 | 0.37 | 0.3 | -9 | 21 |
| SA5101808 | Some peat | 0.05 | 0.54 | 0.25 | 1 | 0.5 | 25 | 63 | 0.13 | 13 | 0.35 | 0.2 | 32 | 42 |
| SA5101809 | | 0.05 | 0.47 | 0.25 | 1 | 0.5 | 25 | 61 | 0.10 | 15 | 0.38 | 0.2 | 23 | 30 |
| SA5101810 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101811 | | 0.05 | 1.87 | 0.25 | 1 | 0.5 | 150 | 203 | 0.24 | 10 | 0.71 | 0.2 | 37 | 46 |
| SA5101812 | | 0.05 | 1.17 | 0.6 | 1 | 0.5 | 94 | 137 | 0.25 | 14 | 0.42 | 0.4 | 51 | 54 |
| SA5101813 | Some fine-grained clastic | 0.05 | 1.37 | 0.8 | 2 | 0.5 | 110 | 131 | 0.22 | 14 | 0.67 | 0.2 | 54 | 59 |
| SA5101814 | | 0.05 | 1.06 | 0.25 | 1 | 0.5 | 87 | 119 | 0.17 | 14 | 0.56 | 0.2 | 38 | 45 |
| SA5101815 | | 0.05 | 1.17 | 0.7 | 1 | 0.5 | 67 | 90 | 0.21 | 20 | 0.56 | 0.2 | 44 | 57 |
| SA5101816 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101817 | | 0.05 | 1.47 | 0.7 | 1 | 0.5 | 83 | 111 | 0.24 | 8 | 0.52 | 0.2 | 64 | 72 |
| SA5101818 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101819 | | 0.05 | 0.65 | 0.25 | 1 | 2 | 63 | 73 | 0.11 | 24 | 0.33 | 0.3 | 21 | 25 |
| SA5101820 | | 0.05 | 1.59 | 0.25 | 2 | 0.5 | 87 | 122 | 0.26 | 9 | 0.61 | 0.2 | 71 | 78 |
| SA5101821 | | 0.1 | 0.60 | 0.25 | 1 | 0.5 | 25 | 65 | 0.05 | 9 | 0.28 | 0.2 | 12 | 16 |
| SA5101822 | | 0.05 | 0.43 | 0.7 | 1 | 0.5 | 77 | 105 | 0.05 | 17 | 0.29 | 0.1 | 23 | 21 |
| SA5101823 | | 0.05 | 1.43 | 0.6 | 1 | 0.5 | 63 | 103 | 0.26 | 8 | 0.44 | 0.2 | 61 | 79 |
| SA5101824 | | 0.05 | 1.46 | 0.25 | 2 | 0.5 | 73 | 121 | 0.27 | 11 | 0.46 | 0.2 | 71 | 85 |
| SA5101825 | | 0.05 | 1.95 | 0.25 | 3 | 0.5 | 82 | 111 | 0.44 | 32 | 0.65 | 0.3 | 160 | 151 |
| SA5101826 | | -9 | 1.21 | 0.5 | 1 | 0.5 | 120 | 127 | 0.28 | 13 | 0.70 | 0.3 | 55 | 61 |
| SA5101827 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101828 | Moved to better lake | 0.05 | 1.07 | 0.6 | 1 | 1 | 160 | 204 | 0.19 | 15 | 0.42 | 0.2 | 46 | 61 |
| SA5101829 | | 0.05 | 1.31 | 0.25 | 2 | 0.5 | 190 | 222 | 0.24 | 18 | 0.41 | 0.2 | 80 | 95 |
| SA5101830 | | 0.05 | 1.10 | 0.25 | 1 | 0.5 | 120 | 132 | 0.20 | 14 | 0.51 | 0.2 | 61 | 62 |
| SA5101831 | | 0.05 | 0.79 | 0.8 | 2 | 0.5 | 85 | 106 | 0.23 | 20 | 0.55 | 0.2 | 78 | 83 |
| SA5101832 | | 0.05 | 1.17 | 0.25 | 1 | 0.5 | 170 | 220 | 0.20 | 13 | 0.68 | 0.1 | 61 | 69 |
| SA5101833 | | 0.05 | 2.61 | 0.25 | 5 | 0.5 | 120 | 168 | 2.31 | 30 | 0.86 | 0.3 | 220 | 224 |
| SA5101834 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101835 | Dried up, sample nearby lake | 0.05 | 0.73 | 0.25 | 1 | 0.5 | 140 | 179 | 0.14 | 21 | 0.18 | 0.1 | 34 | 42 |
| SA5101836 | | 0.05 | 0.93 | 0.5 | 1 | 0.5 | 190 | 262 | 0.17 | 14 | 0.36 | 0.2 | 45 | 51 |
| SA5101837 | | 0.05 | 0.89 | 0.6 | 3 | 0.5 | 120 | 176 | 0.21 | 24 | 0.30 | 0.3 | 58 | 58 |
| SA5101838 | Taken from close by lake | 0.05 | 1.42 | 0.6 | 4 | 0.5 | 130 | 158 | 0.47 | 22 | 0.39 | 0.3 | 150 | 153 |
| SA5101839 | | 0.05 | 1.35 | 0.25 | 2 | 0.5 | 100 | 111 | 0.31 | 12 | 0.51 | 0.2 | 84 | 97 |
| SA5101840 | | 0.05 | 2.81 | 0.25 | 3 | 0.5 | 260 | 311 | 0.63 | 31 | 1.35 | 0.3 | 100 | 115 |
| SA5101841 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101842 | | 0.05 | 0.75 | 0.25 | 1 | 0.5 | 140 | 171 | 0.13 | 18 | 0.43 | 0.2 | 32 | 36 |
| SA5101843 | | 0.05 | 0.99 | 0.25 | 1 | 1 | 85 | 109 | 0.16 | 14 | 0.43 | 0.2 | 34 | 39 |
| SA5101844 | | 0.05 | 0.52 | 0.6 | 1 | 0.5 | 72 | 85 | 0.05 | 15 | 0.39 | 0.2 | 17 | 21 |
| SA5101845 | | 0.05 | 1.16 | 0.25 | 1 | 0.5 | 83 | 105 | 0.19 | 14 | 0.58 | 0.2 | 43 | 56 |
| SA5101846 | | 0.05 | 0.53 | 0.25 | 1 | 0.5 | 53 | 66 | 0.11 | 13 | 0.39 | 0.2 | 25 | 28 |
| SA5101847 | | 0.05 | 1.38 | 0.9 | 1 | 0.5 | 130 | 138 | 0.25 | 14 | 0.59 | 0.3 | 68 | 68 |
| SA5101848 | Disturbed by chopper | 0.05 | 0.50 | 0.25 | 1 | 0.5 | 68 | 89 | 0.05 | 17 | 0.30 | 0.2 | 15 | 23 |
| SA5101849 | | 0.05 | 1.10 | 0.5 | 1 | 0.5 | 76 | 95 | 0.19 | 17 | 0.53 | 0.2 | 54 | 61 |
| SA5101850 | Course clastic comp | 0.05 | 1.01 | 1 | 1 | 0.5 | 67 | 91 | 0.17 | 16 | 0.98 | 0.4 | 21 | 23 |
| SA5101851 | Disturbed by chopper | 0.05 | 0.43 | 0.8 | 2 | 0.5 | 25 | 60 | 0.05 | 18 | 0.53 | 0.3 | 17 | 17 |
| SA5101852 | | 0.05 | 0.62 | 1 | 1 | 0.5 | 92 | 106 | 0.15 | 19 | 1.00 | 0.2 | 21 | 27 |
| SA5101853 | | 0.05 | 0.66 | 1 | 1 | 0.5 | 25 | 98 | 0.15 | 22 | 1.00 | 0.2 | 17 | 22 |
| SA5101854 | | 0.05 | 0.95 | 1.6 | 1 | 0.5 | 100 | 131 | 0.21 | 16 | 0.85 | 0.4 | 25 | 29 |
| SA5101855 | | 0.05 | 0.57 | 0.7 | 1 | 0.5 | 50 | 65 | 0.05 | 19 | 0.87 | 0.3 | 8 | 12 |
| SA5101856 | | 0.05 | 0.87 | 1.2 | 1 | 0.5 | 70 | 101 | 0.15 | 9 | 0.71 | 0.3 | 19 | 17 |
| SA5101857 | | 0.05 | 1.22 | 2 | 2 | 0.5 | 110 | 129 | 0.16 | 11 | 0.99 | 0.2 | 20 | 23 |
| SA5101858 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101859 | | 0.05 | 5.09 | 1.1 | 3 | 0.5 | 410 | 538 | 0.80 | 7 | 2.30 | 0.05 | 54 | 51 |
| SA5101860 | Esker | 0.05 | 0.48 | 0.9 | 1 | 2 | 25 | 40 | 0.11 | 14 | 0.41 | 0.2 | 18 | 22 |
| SA5101861 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101862 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101863 | | 0.05 | 2.68 | 0.8 | 2 | 2 | 190 | 240 | 0.51 | 17 | 1.39 | 0.4 | 59 | 66 |

## Appendix 1 - Open File LAB/1616

| FldNum | Comments | Ag6_ppm | Al2_pct | As1_ppm | As2_ppm | Au1_ppb | Ba1_ppm | Ba2_ppm | Be2_ppm | Br1_ppm | Ca2_pct | Cd2_ppm | Ce1_ppm | Ce2_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | | 0.05 | 4.28 | 0.8 | 1 | 0.5 | 370 | 473 | 0.68 | 9 | 1.89 | 0.05 | 49 | 48 |
| SA5101865 | | 0.05 | 1.34 | 1.3 | 1 | 0.5 | 120 | 178 | 0.27 | 13 | 1.14 | 0.4 | 38 | 38 |
| SA5101866 | | 0.05 | 3.03 | 1.2 | 3 | 0.5 | 220 | 317 | 0.48 | 12 | 1.50 | 0.2 | 36 | 36 |
| SA5101867 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101868 | | 0.05 | 2.43 | 1.4 | 2 | 0.5 | 170 | 208 | 0.43 | 13 | 1.29 | 0.3 | 56 | 56 |
| SA5101869 | | 0.05 | 2.74 | 0.9 | 2 | 0.5 | 180 | 275 | 0.51 | 12 | 1.32 | 0.3 | 31 | 35 |
| SA5101870 | Subject to inundation by reservoir | 0.05 | 4.86 | 0.8 | 3 | 2 | 490 | 586 | 0.86 | 12 | 2.18 | 0.05 | 69 | 59 |
| SA5101871 | | 0.05 | 0.64 | 0.25 | 1 | 0.5 | 70 | 79 | 0.05 | 18 | 0.60 | 0.2 | 8 | 13 |
| SA5101872 | | 0.05 | 1.44 | 0.6 | 1 | 0.5 | 84 | 109 | 0.21 | 17 | 0.67 | 0.3 | 26 | 31 |
| SA5101873 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101874 | | 0.05 | 0.77 | 0.7 | 1 | 0.5 | 25 | 65 | 0.14 | 12 | 0.47 | 0.3 | 15 | 23 |
| SA5101875 | | 0.05 | 1.46 | 0.25 | 1 | 0.5 | 110 | 111 | 0.23 | 6 | 0.69 | 0.05 | 26 | 26 |
| SA5101876 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101877 | | 0.05 | 0.88 | 0.25 | 1 | 0.5 | 99 | 142 | 0.18 | 21 | 0.39 | 0.3 | 31 | 35 |
| SA5101878 | | 0.05 | 1.89 | 0.25 | 1 | 0.5 | 100 | 124 | 0.46 | 15 | 0.79 | 0.3 | 78 | 85 |
| SA5101879 | Water sample only | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101880 | Burn on eastern shore | 0.05 | 6.15 | 0.9 | 3 | 0.5 | 450 | 453 | 0.86 | 7 | 2.66 | 0.05 | 50 | 53 |
| SA5101881 | | 0.05 | 0.80 | 0.25 | 1 | 0.5 | 25 | 52 | 0.05 | 7 | 0.38 | 0.1 | 28 | 39 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | 8 | 9 | 16 | 9 | 0.25 | 6.0 | 0.3 | 0.25 | 0.8 | 0.94 | 0.5 | 0.04 | 8 | 9.7 | 0.6 | 34.6 | 0.025 | 0.12 | 29 | 4.0 |
| SA5101072 | 5 | 7 | 41 | 28 | 0.60 | 11.2 | 2.5 | 2.1 | 1.2 | 1.27 | 3 | 0.53 | 32 | 34.1 | 5.7 | 28.5 | 0.15 | 0.46 | 195 | 2.0 |
| SA5101073 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101074 | 1 | 2 | 5 | 8 | 0.25 | 7.2 | 0.3 | 0.25 | 0.6 | 0.66 | 0.5 | 0.02 | 9 | 9.8 | 0.1 | 39.4 | 0.025 | 0.09 | 40 | 0.5 |
| SA5101075 | 8 | 10 | 30 | 29 | 0.70 | 5.8 | 1.2 | 0.25 | 1.1 | 1.37 | 3 | 0.80 | 21 | 21.6 | 7.8 | 19.6 | 0.06 | 0.52 | 191 | 3.0 |
| SA5101076 | 6 | 7 | 5 | 14 | 0.25 | 9.8 | 1.0 | 0.25 | 0.5 | 0.54 | 0.5 | 0.09 | 18 | 20.2 | 1.7 | 43.7 | 0.025 | 0.20 | 52 | 2.0 |
| SA5101077 | 4 | 4 | 5 | 11 | 0.25 | 8.1 | 1.0 | 1.3 | 0.7 | 0.84 | 0.5 | 0.05 | 18 | 19.0 | 1.5 | 39.0 | 0.025 | 0.16 | 31 | 8.0 |
| SA5101078 | 8 | 8 | 5 | 17 | 0.25 | 9.6 | 1.0 | 0.25 | 1.8 | 2.02 | 0.5 | 0.18 | 19 | 21.5 | 4.5 | 33.4 | 0.025 | 0.27 | 112 | 3.0 |
| SA5101079 | 7 | 7 | 13 | 11 | 0.25 | 9.1 | 1.4 | 0.25 | 0.5 | 0.53 | 0.5 | 0.07 | 17 | 19.2 | 0.7 | 29.0 | 0.025 | 0.13 | 63 | 0.5 |
| SA5101080 | 3 | 4 | 5 | 13 | 0.25 | 9.4 | 0.6 | 0.25 | 0.3 | 0.41 | 0.5 | 0.19 | 9 | 9.5 | 1.9 | 60.1 | 0.025 | 0.21 | 90 | 1.0 |
| SA5101081 | 6 | 8 | 5 | 13 | 0.25 | 6.7 | 1.1 | 1.1 | 1.4 | 1.68 | 0.5 | 0.06 | 18 | 19.6 | 1.3 | 33.6 | 0.025 | 0.14 | 124 | 5.0 |
| SA5101082 | 4 | 6 | 5 | 18 | 0.25 | 8.8 | 1.2 | 0.25 | 1.1 | 1.22 | 1 | 0.19 | 19 | 21.9 | 2.1 | 55.4 | 0.15 | 0.28 | 142 | 4.0 |
| SA5101083 | 3 | 5 | 23 | 16 | 0.25 | 34.7 | 2.9 | 2.1 | 0.2 | 0.32 | 0.5 | 0.13 | 46 | 56.6 | 1.8 | 48.3 | 0.22 | 0.17 | 65 | 3.0 |
| SA5101084 | 5 | 6 | 17 | 17 | 0.25 | 12.2 | 2.5 | 2 | 0.6 | 0.70 | 0.5 | 0.11 | 35 | 39.7 | 2.1 | 31.8 | 0.025 | 0.20 | 53 | 3.0 |
| SA5101085 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101086 | 2 | 2 | 5 | 12 | 0.25 | 4.5 | 0.3 | 0.25 | 0.3 | 0.36 | 0.5 | 0.09 | 11 | 11.9 | 2.2 | 26.8 | 0.025 | 0.15 | 37 | 0.5 |
| SA5101087 | 1 | 5 | 5 | 16 | 0.25 | 21.1 | 0.05 | 0.25 | 0.4 | 0.48 | 0.5 | 0.04 | 8 | 9.7 | 1.0 | 21.7 | 0.28 | 0.12 | 25 | 3.0 |
| SA5101088 | 4 | 5 | 10 | 17 | 0.25 | 5.2 | 0.9 | 0.25 | 0.9 | 1.07 | 1 | 0.38 | 19 | 21.3 | 3.7 | 27.9 | 0.025 | 0.32 | 114 | 1.0 |
| SA5101089 | 8 | 10 | 39 | 35 | 0.25 | 3.2 | 2.4 | 0.25 | 1.9 | 2.16 | 6 | 1.33 | 33 | 32.2 | 7.1 | 11.1 | 0.24 | 0.71 | 329 | 2.0 |
| SA5101090 | -9 | 1 | -9 | 8 | -9 | 6.7 | 0.05 | -9 | -9 | 0.51 | -9 | 0.04 | -9 | 4.3 | 0.2 | 83.6 | -9 | 0.09 | 37 | -9 |
| SA5101091 | 7 | 8 | 20 | 24 | 0.25 | 6.4 | 1.3 | 1.5 | 1.6 | 1.72 | 2 | 0.43 | 24 | 24.9 | 8.0 | 28.8 | 0.025 | 0.43 | 245 | 0.5 |
| SA5101092 | 6 | 9 | 20 | 25 | 0.70 | 6.9 | 2.0 | 0.25 | 1.1 | 1.29 | 2 | 0.53 | 27 | 29.4 | 6.9 | 26.7 | 0.19 | 0.44 | 194 | 0.5 |
| SA5101093 | 3 | 5 | 5 | 17 | 0.25 | 6.1 | 0.7 | 0.9 | 0.4 | 0.53 | 0.5 | 0.18 | 18 | 19.8 | 3.7 | 35.1 | 0.025 | 0.27 | 98 | 3.0 |
| SA5101094 | 1 | 1 | 5 | 8 | 0.25 | 12.1 | 0.3 | 0.5 | 1.2 | 1.42 | 0.5 | 0.02 | 14 | 15.7 | 0.05 | 90.9 | 0.025 | 0.12 | 52 | 0.5 |
| SA5101095 | 11 | 13 | 16 | 25 | 0.25 | 6.2 | 2.8 | 1.7 | 2.6 | 2.96 | 3 | 0.46 | 42 | 45.1 | 6.4 | 26.0 | 0.26 | 0.43 | 315 | 9.0 |
| SA5101096 | 4 | 4 | 13 | 16 | 0.25 | 5.3 | 1.8 | 0.7 | 0.5 | 0.64 | 1 | 0.21 | 28 | 31.0 | 3.0 | 28.1 | 0.025 | 0.24 | 123 | 1.0 |
| SA5101097 | 3 | 3 | 5 | 12 | 0.25 | 6.1 | 1.6 | 0.25 | 0.1 | 0.12 | 0.5 | 0.03 | 29 | 34.9 | 0.5 | 24.4 | 0.025 | 0.10 | 16 | 2.0 |
| SA5101098 | 8 | 8 | 26 | 17 | 0.25 | 14.8 | 6.2 | 1 | 0.4 | 0.50 | 0.5 | 0.06 | 55 | 60.5 | 1.5 | 52.2 | 0.34 | 0.19 | 32 | 5.0 |
| SA5101099 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101100 | 14 | 14 | 20 | 32 | 0.25 | 34.2 | 41.6 | 4.1 | 6.6 | 7.41 | 1 | 0.19 | 221 | 230.5 | 3.1 | 38.2 | 2.2 | 0.25 | 427 | 20.0 |
| SA5101101 | -9 | 10 | -9 | 20 | -9 | 19.3 | 11.9 | -9 | -9 | 1.68 | -9 | 0.17 | -9 | 107.0 | 3.9 | 39.4 | -9 | 0.25 | 109 | -9 |
| SA5101102 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101103 | 5 | 7 | 5 | 12 | 0.25 | 11.8 | 1.3 | 0.25 | 0.8 | 0.90 | 0.5 | 0.06 | 24 | 24.3 | 0.9 | 48.3 | 0.09 | 0.14 | 51 | 9.0 |
| SA5101104 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101105 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101106 | 2 | 3 | 16 | 11 | 0.25 | 12.4 | 0.8 | 0.25 | 0.7 | 0.98 | 0.5 | 0.07 | 16 | 17.1 | 0.9 | 64.0 | 0.11 | 0.14 | 104 | 2.0 |
| SA5101107 | 5 | 5 | 5 | 15 | 0.25 | 16.8 | 1.3 | 0.25 | 0.6 | 0.64 | 0.5 | 0.09 | 23 | 23.9 | 3.2 | 46.0 | 0.09 | 0.19 | 60 | 2.0 |
| SA5101108 | 1 | 4 | 5 | 13 | 0.25 | 13.7 | 1.1 | 0.25 | 0.8 | 1.01 | 0.5 | 0.05 | 19 | 21.4 | 0.9 | 53.0 | 0.1 | 0.14 | 106 | 1.0 |
| SA5101109 | 9 | 9 | 24 | 25 | 0.25 | 13.9 | 1.1 | 0.25 | 1 | 1.12 | 0.5 | 0.17 | 26 | 27.3 | 7.7 | 41.0 | 0.07 | 0.37 | 139 | 0.5 |
| SA5101110 | 3 | 4 | 11 | 17 | 0.25 | 11.9 | 0.7 | 0.25 | 0.6 | 0.69 | 0.5 | 0.11 | 16 | 16.1 | 4.2 | 32.9 | 0.06 | 0.24 | 65 | 0.5 |
| SA5101111 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101112 | 5 | 5 | 12 | 15 | 0.25 | 13.9 | 0.5 | 0.8 | 1.4 | 1.55 | 0.5 | 0.12 | 13 | 11.4 | 2.2 | 49.3 | 0.05 | 0.17 | 83 | 2.0 |
| SA5101113 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101114 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101115 | 15 | 15 | 39 | 35 | 0.25 | 3.8 | 2.0 | 0.25 | 3.3 | 3.42 | 8 | 0.96 | 25 | 21.1 | 15.9 | 10.4 | 0.26 | 0.90 | 475 | 4.0 |
| SA5101116 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101117 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101118 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101119 | 3 | 7 | 15 | 25 | 0.25 | 5.2 | 0.7 | 0.9 | 0.6 | 0.89 | 5 | 0.86 | 13 | 13.9 | 4.2 | 33.4 | 0.08 | 0.45 | 251 | 0.5 |
| SA5101120 | 2 | 3 | 5 | 12 | 0.25 | 8.2 | 0.6 | 0.25 | 0.3 | 0.47 | 0.5 | 0.09 | 10 | 11.7 | 2.4 | 40.3 | 0.06 | 0.22 | 75 | 0.5 |
| SA5101121 | 4 | 5 | 5 | 15 | 0.25 | 15.8 | 1.5 | 0.25 | 0.5 | 0.43 | 0.5 | 0.11 | 21 | 23.3 | 4.1 | 32.6 | 0.07 | 0.22 | 63 | 0.5 |
| SA5101122 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101123 | 1 | 3 | 21 | 14 | 0.25 | 28.4 | 1.4 | 1.2 | 0.7 | 0.70 | 0.5 | 0.11 | 25 | 28.6 | 1.2 | 74.3 | 0.025 | 0.15 | 91 | 0.5 |
| SA5101124 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101125 | 12 | 14 | 40 | 39 | 0.70 | 6.9 | 2.5 | 1.5 | 2.4 | 2.67 | 7 | 1.36 | 28 | 30.6 | 12.4 | 10.7 | 0.27 | 0.91 | 425 | 2.0 |
| SA5101126 | 7 | 9 | 27 | 27 | 0.25 | 9.8 | 2.8 | 0.25 | 2.9 | 3.04 | 0.5 | 0.28 | 37 | 38.3 | 4.9 | 48.0 | 0.26 | 0.30 | 315 | 5.0 |
| SA5101127 | 13 | 15 | 36 | 40 | 1.20 | 7.3 | 2.5 | 2.1 | 3.6 | 3.95 | 5 | 1.05 | 33 | 33.2 | 13.4 | 21.0 | 0.33 | 0.81 | 594 | 4.0 |
| SA5101128 | 1 | 2 | 5 | 6 | 0.25 | 4.0 | 0.05 | 0.25 | 0.1 | 0.15 | 0.5 | 0.05 | 3 | 3.7 | 0.6 | 48.5 | 0.025 | 0.12 | 35 | 4.0 |
| SA5101129 | 3 | 3 | 5 | 8 | 0.25 | 8.9 | 1.5 | 0.25 | 0.3 | 0.23 | 0.5 | 0.08 | 18 | 21.9 | 0.8 | 38.4 | 0.05 | 0.11 | 34 | 3.0 |
| SA5101130 | 7 | 9 | 33 | 32 | 0.25 | 17.2 | 4.7 | 0.25 | 1.4 | 1.55 | 1 | 0.23 | 58 | 65.7 | 4.8 | 31.3 | 0.28 | 0.31 | 225 | 6.0 |
| SA5101131 | 9 | 12 | 5 | 21 | 0.25 | 13.9 | 5.6 | 1.5 | 2.3 | 2.55 | 0.5 | 0.12 | 63 | 72.5 | 2.3 | 35.1 | 0.38 | 0.19 | 462 | 11.0 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | 2 | 2 | 13 | 7 | 0.25 | 3.6 | 0.2 | 0.25 | 0.1 | 0.17 | 0.5 | 0.06 | 5 | 6.3 | 1.0 | 51.7 | 0.025 | 0.12 | 33 | 0.5 |
| SA5101133 | 1 | 3 | 5 | 6 | 0.25 | 2.5 | 0.05 | 0.25 | 0.05 | 0.19 | 0.5 | 0.02 | 3 | 3.4 | 0.3 | 29.5 | 0.025 | 0.08 | 12 | 5.0 |
| SA5101134 | 1 | 2 | 5 | 8 | 0.25 | 9.9 | 0.8 | 0.25 | 0.4 | 0.42 | 0.5 | 0.03 | 11 | 13.8 | 0.4 | 69.4 | 0.025 | 0.12 | 85 | 0.5 |
| SA5101135 | 4 | 5 | 17 | 17 | 0.25 | 9.9 | 3.2 | 1.1 | 0.9 | 1.03 | 0.5 | 0.15 | 38 | 48.0 | 2.3 | 35.1 | 0.07 | 0.24 | 111 | 3.0 |
| SA5101136 | 2 | 4 | 15 | 15 | 0.25 | 7.8 | 0.6 | 0.25 | 0.7 | 0.69 | 3 | 0.42 | 10 | 10.7 | 2.5 | 58.7 | 0.07 | 0.31 | 130 | 0.5 |
| SA5101137 | 17 | 18 | 5 | 14 | 0.25 | 8.6 | 0.9 | 0.25 | 5.8 | 6.91 | 0.5 | 0.08 | 16 | 17.9 | 1.5 | 45.1 | 0.09 | 0.15 | 210 | 1.0 |
| SA5101138 | 5 | 5 | 5 | 8 | 0.25 | 5.8 | 0.4 | 0.25 | 1.1 | 1.26 | 0.5 | 0.04 | 6 | 7.2 | 0.7 | 51.3 | 0.025 | 0.12 | 74 | 2.0 |
| SA5101139 | 12 | 11 | 17 | 16 | 0.25 | 10.9 | 1.4 | 0.7 | 1.5 | 1.91 | 0.5 | 0.19 | 19 | 22.7 | 2.2 | 42.3 | 0.07 | 0.22 | 151 | 2.0 |
| SA5101140 | 2 | 4 | 5 | 9 | 0.25 | 8.5 | 0.3 | 0.5 | 0.9 | 0.96 | 0.5 | 0.03 | 7 | 8.1 | 0.4 | 59.4 | 0.06 | 0.08 | 58 | 0.5 |
| SA5101141 | 7 | 8 | 12 | 17 | 0.25 | 11.2 | 0.8 | 0.25 | 3.4 | 3.98 | 0.5 | 0.10 | 14 | 15.6 | 2.1 | 52.2 | 0.07 | 0.17 | 115 | 1.0 |
| SA5101142 | 4 | 3 | 5 | 12 | 0.25 | 11.2 | 2.5 | 1.2 | 0.4 | 0.47 | 0.5 | 0.09 | 26 | 32.8 | 1.7 | 38.5 | 0.09 | 0.17 | 61 | 2.0 |
| SA5101143 | 1 | 2 | 5 | 8 | 0.25 | 5.3 | 1.4 | 1.6 | 0.4 | 0.38 | 0.5 | 0.04 | 16 | 21.7 | 0.6 | 25.1 | 0.025 | 0.09 | 42 | 0.5 |
| SA5101144 | 1 | 2 | 5 | 8 | 0.25 | 3.8 | 1.8 | 1 | 0.3 | 0.29 | 0.5 | 0.07 | 20 | 26.2 | 1.5 | 25.1 | 0.025 | 0.13 | 37 | 2.0 |
| SA5101145 | 4 | 5 | 5 | 10 | 0.25 | 4.8 | 0.4 | 0.25 | 0.7 | 0.78 | 0.5 | 0.05 | 11 | 11.8 | 1.1 | 48.7 | 0.08 | 0.11 | 59 | 2.0 |
| SA5101146 | 6 | 6 | 22 | 24 | 0.25 | 14.7 | 4.5 | 0.25 | 0.9 | 1.11 | 0.5 | 0.07 | 48 | 57.0 | 2.1 | 42.3 | 0.23 | 0.19 | 119 | 4.0 |
| SA5101147 | 16 | 18 | 44 | 49 | 0.25 | 7.1 | 3.2 | 1.3 | 3.8 | 4.45 | 4 | 0.54 | 36 | 40.0 | 6.5 | 24.6 | 0.23 | 0.59 | 533 | 6.0 |
| SA5101148 | 18 | 21 | 52 | 54 | 0.60 | 9.9 | 2.6 | 2 | 3.1 | 3.76 | 5 | 0.67 | 36 | 38.4 | 12.8 | 24.9 | 0.28 | 0.82 | 615 | 5.0 |
| SA5101149 | 1 | 2 | 5 | 8 | 0.25 | 6.5 | 0.2 | 0.25 | 0.3 | 0.31 | 0.5 | 0.05 | 5 | 6.2 | 0.9 | 53.5 | 0.025 | 0.16 | 70 | 3.0 |
| SA5101150 | 8 | 8 | 5 | 17 | 0.25 | 10.0 | 1.3 | 0.25 | 1.4 | 1.72 | 0.5 | 0.10 | 17 | 21.4 | 2.1 | 48.9 | 0.06 | 0.18 | 89 | 1.0 |
| SA5101151 | 6 | 8 | 19 | 19 | 0.25 | 17.1 | 1.2 | 0.25 | 0.9 | 0.91 | 0.5 | 0.10 | 27 | 33.9 | 2.3 | 39.4 | 0.06 | 0.17 | 105 | 3.0 |
| SA5101152 | -9 | 15 | -9 | 36 | -9 | 38.8 | 5.2 | -9 | -9 | 2.26 | -9 | 0.22 | -9 | 95.6 | 5.3 | 61.7 | -9 | 0.43 | 259 | -9 |
| SA5101153 | 1 | 3 | 13 | 16 | 0.25 | 14.1 | 1.8 | 0.9 | 1.1 | 1.25 | 0.5 | 0.08 | 32 | 38.0 | 1.5 | 64.6 | 0.17 | 0.16 | 67 | 3.0 |
| SA5101154 | 10 | 11 | 42 | 40 | 0.25 | 8.3 | 2.4 | 0.25 | 2.6 | 2.46 | 3 | 1.44 | 35 | 35.5 | 8.4 | 15.1 | 0.25 | 0.81 | 431 | 4.0 |
| SA5101155 | 9 | 10 | 25 | 25 | 0.25 | 26.1 | 5.0 | 0.25 | 1.8 | 2.01 | 0.5 | 0.22 | 64 | 70.2 | 7.8 | 41.2 | 0.47 | 0.26 | 215 | 3.0 |
| SA5101156 | 5 | 6 | 14 | 19 | 0.25 | 13.4 | 2.0 | 0.25 | 4 | 4.26 | 0.5 | 0.13 | 32 | 33.6 | 2.0 | 69.5 | 0.23 | 0.29 | 303 | 9.0 |
| SA5101157 | -9 | 11 | -9 | 47 | -9 | 11.0 | 2.7 | -9 | -9 | 2.66 | -9 | 1.23 | -9 | 33.7 | 8.3 | 25.8 | -9 | 0.82 | 398 | -9 |
| SA5101158 | 12 | 12 | 45 | 48 | 0.25 | 12.8 | 4.1 | 1.8 | 2.6 | 2.70 | 7 | 1.68 | 50 | 46.0 | 10.3 | 11.1 | 0.46 | 0.98 | 503 | 7.0 |
| SA5101159 | 9 | 9 | 36 | 33 | 0.25 | 10.7 | 2.8 | 0.25 | 3.5 | 3.29 | 4 | 0.92 | 42 | 40.1 | 7.6 | 37.1 | 0.39 | 0.58 | 677 | 3.0 |
| SA5101160 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101161 | 1 | 2 | 5 | 14 | 0.25 | 21.8 | 2.1 | 0.25 | 0.3 | 0.37 | 0.5 | 0.09 | 25 | 27.3 | 1.5 | 65.4 | 0.18 | 0.13 | 41 | 2.0 |
| SA5101162 | 1 | 3 | 28 | 23 | 0.25 | 25.5 | 2.7 | 0.25 | 0.4 | 0.50 | 2 | 0.36 | 32 | 32.2 | 3.6 | 64.9 | 0.19 | 0.23 | 95 | 0.5 |
| SA5101163 | 6 | 6 | 5 | 17 | 0.25 | 17.8 | 5.4 | 0.25 | 0.7 | 0.81 | 0.5 | 0.14 | 56 | 62.4 | 6.1 | 43.4 | 0.44 | 0.21 | 100 | 2.0 |
| SA5101164 | 13 | 13 | 22 | 24 | 0.25 | 16.6 | 3.6 | 0.25 | 1.5 | 1.78 | 1 | 0.41 | 46 | 52.6 | 9.2 | 31.9 | 0.32 | 0.41 | 349 | 2.0 |
| SA5101165 | -9 | 6 | -9 | 30 | -9 | 10.8 | 2.2 | -9 | -9 | 1.20 | -9 | 0.34 | -9 | 36.7 | 8.3 | 39.5 | -9 | 0.41 | 234 | -9 |
| SA5101166 | 1 | 2 | 5 | 13 | 0.25 | 24.9 | 1.8 | 0.25 | 0.2 | 0.25 | 0.5 | 0.11 | 21 | 23.5 | 0.9 | 82.7 | 0.2 | 0.09 | 44 | 0.5 |
| SA5101167 | 9 | 9 | 44 | 41 | 0.60 | 5.1 | 2.2 | 1.2 | 1.8 | 1.88 | 10 | 1.78 | 25 | 20.1 | 7.7 | 14.3 | 0.36 | 0.80 | 401 | 0.5 |
| SA5101168 | 5 | 4 | 26 | 19 | 0.25 | 11.5 | 13.2 | 3 | 0.1 | 0.22 | 0.5 | 0.07 | 57 | 64.1 | 1.6 | 56.7 | 0.74 | 0.12 | 52 | 0.5 |
| SA5101169 | 1 | 6 | 36 | 31 | 0.60 | 18.3 | 2.0 | 0.25 | 0.9 | 0.86 | 1 | 0.49 | 34 | 34.9 | 5.2 | 59.9 | 0.26 | 0.37 | 153 | 0.5 |
| SA5101170 | 11 | 14 | 39 | 38 | 0.50 | 11.3 | 2.1 | 1.2 | 1.8 | 2.26 | 6 | 1.23 | 31 | 28.3 | 10.0 | 10.9 | 0.35 | 0.80 | 370 | 0.5 |
| SA5101171 | 1 | 2 | 5 | 9 | 0.25 | 7.3 | 0.6 | 0.25 | 0.6 | 0.64 | 0.5 | 0.06 | 13 | 14.7 | 3.4 | 32.4 | 0.11 | 0.15 | 43 | 4.0 |
| SA5101172 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101173 | 4 | 4 | 26 | 21 | 0.25 | 21.2 | 5.5 | 0.7 | 0.4 | 0.37 | 0.5 | 0.05 | 49 | 53.8 | 1.6 | 34.6 | 0.45 | 0.16 | 39 | 6.0 |
| SA5101174 | 1 | 1 | 5 | 7 | 0.25 | 6.2 | 3.0 | 0.25 | 0.1 | 0.08 | 0.5 | 0.04 | 15 | 17.0 | 0.5 | 50.1 | 0.25 | 0.08 | 23 | 3.0 |
| SA5101175 | 1 | 1 | 5 | 7 | 0.25 | 4.7 | 0.2 | 0.5 | 0.1 | 0.17 | 0.5 | 0.02 | 5 | 6.8 | 0.3 | 32.0 | 0.07 | 0.09 | 11 | 3.0 |
| SA5101176 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101177 | 10 | 8 | 17 | 17 | 0.25 | 6.6 | 1.3 | 0.25 | 2.5 | 2.84 | 0.5 | 0.16 | 24 | 26.3 | 3.6 | | 0.11 | 0.22 | 194 | 3.0 |
| SA5101178 | 9 | 9 | 13 | 15 | 0.25 | 10.7 | 1.5 | 0.6 | 1.1 | 1.29 | 0.5 | 0.08 | 25 | 29.5 | 3.1 | 46.7 | 0.14 | 0.20 | 87 | 0.5 |
| SA5101179 | 1 | 2 | 5 | 5 | 0.25 | 6.8 | 0.05 | 0.25 | 0.4 | 0.54 | 0.5 | 0.02 | 4 | 3.8 | 0.2 | 83.3 | 0.025 | 0.08 | 24 | 0.5 |
| SA5101180 | -9 | 4 | -9 | 15 | -9 | 6.3 | 0.6 | -9 | -9 | 2.71 | -9 | 0.08 | -9 | 14.2 | 1.3 | 69.6 | -9 | 0.18 | 147 | -9 |
| SA5101181 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101182 | 4 | 4 | 11 | 16 | 0.25 | 16.1 | 1.7 | 0.8 | 1.1 | 1.35 | 0.5 | 0.11 | 24 | 25.5 | 1.6 | 50.6 | 0.15 | 0.17 | 99 | 0.5 |
| SA5101183 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101184 | 7 | 9 | 22 | 20 | 0.25 | 10.7 | 1.3 | 0.25 | 1.5 | 1.75 | 0.5 | 0.11 | 21 | 24.2 | 4.2 | 45.7 | 0.13 | 0.27 | 139 | 0.5 |
| SA5101185 | 14 | 14 | 33 | 34 | 0.50 | 9.0 | 2.3 | 1.3 | 2.3 | 2.38 | 7 | 1.24 | 30 | 28.1 | 12.3 | 6.3 | 0.31 | 0.85 | 377 | 4.0 |
| SA5101186 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101187 | 8 | 10 | 36 | 28 | 0.25 | 11.7 | 2.6 | 1.5 | 1.9 | 2.31 | 4 | 0.65 | 33 | 34.2 | 6.2 | 22.0 | 0.23 | 0.52 | 292 | 5.0 |
| SA5101188 | 28 | 28 | 34 | 37 | 0.80 | 24.2 | 4.4 | 1.4 | 3.5 | 4.05 | 7 | 0.61 | 56 | 57.6 | 11.4 | 26.2 | 0.45 | 0.68 | 558 | 7.0 |
| SA5101189 | 8 | 10 | 31 | 29 | 0.50 | 4.2 | 1.2 | 1.3 | 1.3 | 1.51 | 4 | 0.81 | 19 | 19.2 | 14.8 | 14.9 | 0.16 | 0.66 | 287 | 0.5 |
| SA5101190 | 4 | 4 | 5 | 13 | 0.25 | 8.4 | 0.5 | 0.25 | 0.4 | 0.43 | 0.5 | 0.14 | 9 | 11.6 | 4.2 | 50.0 | 0.26 | 0.30 | 74 | 10.0 |
| SA5101191 | 3 | 3 | 5 | 7 | 0.25 | 6.1 | 0.6 | 0.25 | 0.4 | 0.45 | 0.5 | 0.06 | 12 | 13.5 | 3.0 | 45.2 | 0.07 | 0.22 | 55 | 1.0 |
| SA5101192 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | -9 | 45 | -9 | 113 | -9 | 137.3 | 28.3 | -9 | -9 | 3.76 | -9 | 2.31 | -9 | 216.6 | 42.8 | 66.1 | -9 | 1.73 | 519 | -9 |
| SA5101194 | 3 | 4 | 5 | 12 | 1.10 | 6.1 | 1.4 | 0.25 | 0.8 | 0.89 | 0.5 | 0.23 | 14 | 15.2 | 6.9 | 33.2 | 0.19 | 0.26 | 70 | 4.0 |
| SA5101195 | 6 | 9 | 23 | 17 | 0.25 | 4.0 | 1.0 | 0.7 | 0.9 | 1.20 | 3 | 0.51 | 16 | 18.7 | 5.8 | 19.2 | 0.19 | 0.42 | 189 | 0.5 |
| SA5101196 | 13 | 14 | 30 | 30 | 0.25 | 10.8 | 1.9 | 0.25 | 3.3 | 3.73 | 2 | 0.38 | 32 | 36.7 | 11.9 | 32.4 | 0.24 | 0.58 | 416 | 5.0 |
| SA5101197 | 7 | 7 | 5 | 15 | 0.25 | 9.6 | 1.3 | 0.25 | 2.4 | 2.78 | 0.5 | 0.11 | 19 | 20.5 | 2.5 | 46.6 | 0.08 | 0.20 | 145 | 1.0 |
| SA5101198 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101199 | 4 | 2 | 5 | 8 | 0.25 | 5.3 | 0.3 | 0.25 | 0.4 | 0.42 | 0.5 | 0.05 | 6 | 6.4 | 0.8 | 56.8 | 0.09 | 0.13 | 46 | 0.5 |
| SA5101200 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101201 | 7 | 7 | 19 | 19 | 0.25 | 7.2 | 1.2 | 0.5 | 1 | 1.13 | 0.5 | 0.17 | 23 | 25.7 | 4.2 | 29.9 | 0.07 | 0.26 | 113 | 0.5 |
| SA5101202 | 8 | 8 | 5 | 13 | 0.25 | 11.7 | 1.9 | 1.1 | 1.4 | 1.58 | 0.5 | 0.07 | 32 | 35.2 | 2.2 | 35.0 | 0.14 | 0.16 | 98 | 0.5 |
| SA5101203 | -9 | 17 | -9 | 28 | -9 | 25.6 | 4.1 | -9 | -9 | 18.68 | -9 | 0.12 | -9 | 76.8 | 4.4 | 48.5 | -9 | 0.26 | 348 | -9 |
| SA5101204 | -9 | 20 | -9 | 36 | -9 | 20.3 | 1.6 | -9 | -9 | 7.56 | -9 | 0.76 | -9 | 31.7 | 10.5 | 19.6 | -9 | 0.93 | 1651 | -9 |
| SA5101205 | 3 | 4 | 5 | 8 | 0.25 | 9.2 | 0.05 | 0.25 | 3.8 | 3.97 | 0.5 | 0.04 | 10 | 10.5 | 1.2 | 56.3 | 0.06 | 0.22 | 189 | 5.0 |
| SA5101206 | 18 | 19 | 16 | 14 | 0.25 | 8.2 | 0.05 | 0.25 | 5.9 | 7.05 | 1 | 0.21 | 7 | 8.5 | 3.2 | 42.0 | 0.05 | 0.40 | 1592 | 0.5 |
| SA5101207 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101208 | 10 | 9 | 10 | 11 | 0.25 | 10.0 | 0.8 | 0.25 | 6.6 | 7.67 | 0.5 | 0.06 | 18 | 19.9 | 1.8 | 60.4 | 0.15 | 0.21 | 679 | 0.5 |
| SA5101209 | 4 | 4 | 5 | 10 | 0.25 | 11.7 | 0.7 | 0.25 | 1 | 1.08 | 0.5 | 0.06 | 11 | 12.3 | 0.9 | 58.2 | 0.1 | 0.15 | 120 | 0.5 |
| SA5101210 | 14 | 14 | 17 | 16 | 0.25 | 9.9 | 1.5 | 0.25 | 3.7 | 4.12 | 0.5 | 0.06 | 20 | 20.8 | 1.9 | 60.8 | 1.1 | 0.18 | 266 | 6.0 |
| SA5101211 | 12 | 13 | 5 | 14 | 0.25 | 11.4 | 2.4 | 0.25 | 4 | 4.61 | 0.5 | 0.13 | 26 | 27.7 | 2.9 | 36.4 | 0.25 | 0.31 | 318 | 2.0 |
| SA5101212 | 5 | 5 | 5 | 9 | 0.25 | 5.9 | 5.9 | 0.25 | 0.8 | 0.93 | 0.5 | 0.05 | 29 | 32.1 | 1.6 | 27.7 | 0.35 | 0.11 | 69 | 0.5 |
| SA5101213 | 4 | 4 | 15 | 7 | 0.25 | 7.3 | 0.05 | 0.25 | 4.6 | 5.22 | 0.5 | 0.06 | 3 | 4.1 | 1.0 | 63.6 | 0.025 | 0.22 | 215 | 0.5 |
| SA5101214 | 15 | 18 | 48 | 35 | 0.25 | 8.1 | 1.4 | 1.7 | 3.1 | 3.15 | 4 | 0.92 | 20 | 20.3 | 9.5 | 17.7 | 0.18 | 0.95 | 467 | 4.0 |
| SA5101215 | 9 | 9 | 5 | 16 | 0.25 | 9.3 | 0.05 | 0.25 | 10.3 | 10.14 | 0.5 | 0.13 | 8 | 8.3 | 2.2 | 56.0 | 0.025 | 0.31 | 593 | 0.5 |
| SA5101216 | 5 | 5 | 17 | 15 | 0.25 | 10.6 | 0.7 | 0.25 | 0.5 | 0.60 | 0.5 | 0.09 | 12 | 14.2 | 1.4 | 52.6 | 0.07 | 0.13 | 60 | 0.5 |
| SA5101217 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101218 | 23 | 21 | 40 | 32 | 0.25 | 6.3 | 1.3 | 1.1 | 3.9 | 3.81 | 5 | 1.03 | 22 | 19.8 | 7.4 | 11.9 | 0.22 | 0.86 | 461 | 0.5 |
| SA5101219 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101220 | 9 | 9 | 17 | 14 | 0.25 | 7.3 | 0.6 | 0.25 | 4.6 | 4.79 | 0.5 | 0.19 | 11 | 11.8 | 2.0 | 52.6 | 0.09 | 0.30 | 320 | 4.0 |
| SA5101221 | 10 | 9 | 15 | 11 | 0.25 | 9.8 | 1.0 | 0.25 | 1.7 | 1.99 | 0.5 | 0.05 | 13 | 14.0 | 1.1 | 49.1 | 0.09 | 0.15 | 168 | 0.5 |
| SA5101222 | 7 | 6 | 11 | 9 | 0.25 | 6.3 | 0.05 | 0.25 | 0.7 | 0.73 | 0.5 | 0.07 | 5 | 5.8 | 1.0 | 67.7 | 0.05 | 0.14 | 70 | 3.0 |
| SA5101223 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101224 | 8 | 8 | 17 | 16 | 0.25 | 10.9 | 2.4 | 1 | 3.4 | 3.77 | 0.5 | 0.12 | 28 | 29.6 | 4.0 | 42.1 | 0.42 | 0.23 | 169 | 3.0 |
| SA5101225 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101226 | 9 | 9 | 12 | 9 | 0.25 | 7.1 | 0.2 | 0.25 | 1.4 | 1.78 | 0.5 | 0.05 | 6 | 6.8 | 1.6 | 31.6 | 0.09 | 0.15 | 87 | 2.0 |
| SA5101227 | 11 | 11 | 29 | 19 | 0.25 | 5.9 | 0.5 | 0.25 | 1.4 | 1.65 | 0.5 | 0.21 | 11 | 12.1 | 3.1 | 31.5 | 0.22 | 0.31 | 267 | 3.0 |
| SA5101228 | 9 | 10 | 19 | 17 | 0.25 | 9.7 | 0.3 | 0.25 | 6.7 | 6.88 | 0.5 | 0.14 | 13 | 12.8 | 2.3 | 53.0 | 0.14 | 0.28 | 570 | 2.0 |
| SA5101229 | 6 | 6 | 15 | 12 | 0.25 | 4.8 | 0.6 | 0.25 | 1.5 | 1.77 | 1 | 0.69 | 22 | 25.1 | 4.4 | 70.9 | 0.14 | 0.29 | 206 | 0.5 |
| SA5101230 | 14 | 13 | 15 | 14 | 0.25 | 8.7 | 0.3 | 0.25 | 1.7 | 1.92 | 0.5 | 0.10 | 8 | 9.7 | 2.1 | 38.4 | 0.07 | 0.23 | 183 | 2.0 |
| SA5101231 | 12 | 12 | 5 | 15 | 0.25 | 8.9 | 0.5 | 0.25 | 1.4 | 1.65 | 0.5 | 0.14 | 10 | 11.2 | 2.6 | 43.4 | 0.11 | 0.37 | 144 | 2.0 |
| SA5101232 | 12 | 11 | 5 | 14 | 0.25 | 6.9 | 0.2 | 0.25 | 1.4 | 1.52 | 0.5 | 0.09 | 8 | 8.8 | 1.9 | 34.9 | 0.09 | 0.21 | 146 | 2.0 |
| SA5101233 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101234 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101235 | 3 | 5 | 5 | 11 | 0.25 | 7.3 | 0.4 | 0.25 | 0.5 | 0.59 | 0.5 | 0.04 | 6 | 7.6 | 1.5 | 36.8 | 0.025 | 0.14 | 35 | 3.0 |
| SA5101236 | 2 | 2 | 15 | 14 | 0.25 | 4.3 | 0.05 | 0.25 | 0.1 | 0.13 | 0.5 | 0.04 | 7 | 7.2 | 1.5 | 25.7 | 0.12 | 0.12 | 25 | 1.0 |
| SA5101237 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101238 | 5 | 5 | 5 | 8 | 0.25 | 6.2 | 0.1 | 0.25 | 3.8 | 4.49 | 0.5 | 0.07 | 4 | 4.5 | 0.9 | 59.9 | 0.13 | 0.25 | 206 | 11.0 |
| SA5101239 | 6 | 7 | 12 | 12 | 0.25 | 5.6 | 0.1 | 0.25 | 0.5 | 0.56 | 0.5 | 0.08 | 5 | 6.0 | 1.4 | 54.2 | 0.025 | 0.22 | 63 | 0.5 |
| SA5101240 | 9 | 9 | 35 | 21 | 0.25 | 14.8 | 1.2 | 0.25 | 1.7 | 1.71 | 0.5 | 0.11 | 22 | 24.9 | 3.7 | 32.6 | 0.08 | 0.26 | 161 | 2.0 |
| SA5101241 | 6 | 8 | 32 | 36 | 0.25 | 18.6 | 2.4 | 0.8 | 3.8 | 4.50 | 0.5 | 0.15 | 36 | 44.2 | 5.4 | 34.1 | 0.17 | 0.29 | 308 | 2.0 |
| SA5101242 | 5 | 6 | 5 | 13 | 0.25 | 8.5 | 1.1 | 0.6 | 0.9 | 0.98 | 0.5 | 0.13 | 16 | 18.9 | 2.8 | 26.8 | 0.13 | 0.21 | 83 | 2.0 |
| SA5101243 | 3 | 3 | 37 | 52 | 0.25 | 13.6 | 1.0 | 0.25 | 0.4 | 0.48 | 0.5 | 0.07 | 16 | 19.7 | 2.3 | 26.0 | 0.91 | 0.15 | 27 | 5.0 |
| SA5101244 | 2 | 2 | 5 | 13 | 0.25 | 8.6 | 0.6 | 0.25 | 0.3 | 0.35 | 0.5 | 0.15 | 10 | 11.2 | 2.0 | 41.7 | 0.22 | 0.18 | 52 | 2.0 |
| SA5101245 | 7 | 6 | 14 | 15 | 0.25 | 22.0 | 1.1 | 0.25 | 0.5 | 0.60 | 0.5 | 0.15 | 22 | 24.2 | 6.9 | 26.8 | 0.16 | 0.30 | 97 | 5.0 |
| SA5101246 | 1 | 1 | 5 | 4 | 0.25 | 12.4 | 0.2 | 0.25 | 0.1 | 0.14 | 0.5 | 0.03 | 6 | 6.5 | 0.3 | 76.8 | 0.025 | 0.11 | 39 | 0.5 |
| SA5101247 | 4 | 13 | 18 | 35 | 0.25 | 11.2 | 1.6 | 0.6 | 0.7 | 2.12 | 3 | 0.74 | 9 | 25.0 | 22.1 | 25.7 | 0.12 | 0.77 | 375 | 0.5 |
| SA5101248 | 10 | 4 | 30 | 26 | 1.70 | 0.5 | 0.7 | 0.25 | 1.9 | 0.75 | 4 | 0.37 | 24 | 9.5 | 7.3 | 15.3 | 0.26 | 0.40 | 141 | 3.0 |
| SA5101249 | 1 | 1 | 5 | 4 | 0.25 | 10.7 | 0.3 | 0.25 | 0.2 | 0.07 | 0.5 | 0.04 | 5 | 5.0 | 0.5 | 78.2 | 0.06 | 0.08 | 35 | 0.5 |
| SA5101250 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101251 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101252 | 5 | 6 | 19 | 22 | 0.60 | 12.2 | 0.9 | 0.25 | 0.6 | 0.67 | 5 | 0.77 | 12 | 12.0 | 4.9 | 44.6 | 0.16 | 0.38 | 163 | 0.5 |
| SA5101253 | 2 | 4 | 23 | 19 | 0.50 | 18.2 | 0.8 | 0.25 | 0.4 | 0.42 | 3 | 0.45 | 10 | 10.3 | 3.1 | 62.9 | 0.09 | 0.24 | 98 | 0.5 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | 8 | 10 | 34 | 24 | 2.90 | 11.4 | 2.5 | 0.25 | 1.1 | 1.23 | 7 | 1.67 | 22 | 22.2 | 15.1 | 17.3 | 0.35 | 0.50 | 257 | 0.5 |
| SA5101255 | 4 | 4 | 5 | 14 | 1.00 | 3.6 | 1.2 | 0.25 | 0.4 | 0.46 | 0.5 | 0.24 | 15 | 15.8 | 5.3 | 31.2 | 0.41 | 0.24 | 68 | 0.5 |
| SA5101256 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101257 | 1 | 1 | 5 | 7 | 0.25 | 12.3 | 0.7 | 0.25 | 0.5 | 0.58 | 0.5 | 0.02 | 19 | 21.1 | 0.5 | 87.1 | 0.09 | 0.22 | 72 | 2.0 |
| SA5101258 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101259 | 4 | 4 | 5 | 13 | 0.25 | 9.6 | 0.2 | 0.25 | 2.3 | 2.59 | 0.5 | 0.06 | 10 | 11.4 | 1.4 | 69.9 | 0.07 | 0.26 | 201 | 3.0 |
| SA5101260 | 3 | 3 | 5 | 6 | 0.25 | 7.6 | 0.05 | 0.25 | 0.4 | 0.44 | 0.5 | 0.05 | 6 | 7.2 | 1.2 | 55.3 | 0.025 | 0.22 | 52 | 1.0 |
| SA5101261 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101262 | 1 | 1 | 5 | 4 | 0.25 | 7.4 | 0.5 | 0.25 | 0.4 | 0.49 | 0.5 | 0.03 | 11 | 11.9 | 0.4 | 79.0 | 0.025 | 0.11 | 44 | 0.5 |
| SA5101263 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101264 | 7 | 5 | 5 | 14 | 0.25 | 7.1 | 1.0 | 0.25 | 0.6 | 0.77 | 0.5 | 0.06 | 15 | 18.7 | 2.2 | 37.9 | 0.025 | 0.17 | 62 | 5.0 |
| SA5101265 | 6 | 6 | 13 | 16 | 0.25 | 6.6 | 1.7 | 0.25 | 0.6 | 0.68 | 1 | 0.15 | 23 | 27.7 | 3.8 | 39.3 | 0.11 | 0.27 | 114 | 2.0 |
| SA5101266 | 1 | 4 | 5 | 19 | 0.25 | 17.0 | 1.8 | 0.25 | 0.5 | 0.57 | 0.5 | 0.32 | 24 | 26.3 | 3.6 | 77.1 | 0.14 | 0.26 | 120 | 0.5 |
| SA5101267 | 3 | 4 | 5 | 11 | 0.25 | 4.7 | 0.7 | 0.25 | 0.9 | 0.90 | 0.5 | 0.11 | 15 | 17.6 | 2.6 | 27.7 | 0.1 | 0.19 | 68 | 0.5 |
| SA5101268 | -9 | 5 | -9 | 15 | -9 | 13.5 | 1.7 | -9 | -9 | 1.80 | -9 | 0.26 | -9 | 27.7 | 3.7 | 59.8 | -9 | 0.25 | 116 | -9 |
| SA5101269 | 6 | 8 | 12 | 19 | 0.25 | 13.4 | 2.8 | 1.3 | 1.1 | 1.30 | 6 | 0.50 | 42 | 44.9 | 5.4 | 39.7 | 0.27 | 0.61 | 268 | 0.5 |
| SA5101270 | 1 | 2 | 16 | 5 | 0.25 | 4.8 | 1.1 | 0.6 | 0.2 | 0.18 | 0.5 | 0.10 | 22 | 25.6 | 1.3 | 65.9 | 0.1 | 0.30 | 39 | 0.5 |
| SA5101271 | 3 | 4 | 13 | 7 | 0.25 | 6.3 | 1.2 | 0.25 | 0.1 | 0.18 | 0.5 | 0.08 | 16 | 19.0 | 1.6 | 49.1 | 0.1 | 0.15 | 37 | 0.5 |
| SA5101272 | 1 | 3 | 5 | 4 | 0.25 | 5.5 | 2.1 | 0.25 | 0.2 | 0.19 | 0.5 | 0.05 | 31 | 37.1 | 0.7 | 25.6 | 0.15 | 0.12 | 34 | 0.5 |
| SA5101273 | 4 | 4 | 14 | 10 | 0.25 | 12.2 | 2.5 | 0.25 | 0.4 | 0.52 | 3 | 0.19 | 33 | 36.4 | 1.6 | 79.2 | 0.24 | 0.16 | 118 | 0.5 |
| SA5101274 | 3 | 2 | 5 | 5 | 0.25 | 5.5 | 1.9 | 0.25 | 0.2 | 0.21 | 0.5 | 0.03 | 24 | 27.8 | 0.6 | 42.0 | 0.09 | 0.09 | 24 | 0.5 |
| SA5101275 | 3 | 2 | 5 | 5 | 0.25 | 9.9 | 1.1 | 0.25 | 0.5 | 0.44 | 0.5 | 0.04 | 13 | 16.8 | 0.4 | 68.2 | 0.07 | 0.09 | 58 | 0.5 |
| SA5101276 | 3 | 4 | 5 | 11 | 0.25 | 29.0 | 2.4 | 0.25 | 0.6 | 0.63 | 2 | 0.22 | 37 | 48.8 | 2.4 | 45.1 | 0.18 | 0.32 | 102 | 0.5 |
| SA5101277 | 3 | 4 | 5 | 9 | 0.25 | 6.5 | 2.4 | 0.25 | 0.5 | 0.61 | 0.5 | 0.09 | 38 | 43.3 | 2.1 | 35.6 | 0.13 | 0.15 | 112 | 0.5 |
| SA5101278 | 3 | 2 | 5 | 5 | 0.25 | 4.4 | 1.4 | 0.25 | 0.1 | 0.14 | 0.5 | 0.06 | 19 | 21.5 | 1.2 | 32.5 | 0.09 | 0.10 | 26 | 0.5 |
| SA5101279 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101280 | 3 | 1 | 5 | 6 | 0.25 | 9.2 | 1.7 | 0.25 | 0.2 | 0.16 | 0.5 | 0.04 | 24 | 27.3 | 0.5 | 51.3 | 0.09 | 0.09 | 25 | 0.5 |
| SA5101281 | 5 | 5 | 5 | 10 | 0.25 | 8.5 | 1.6 | 0.25 | 1.5 | 1.86 | 0.5 | 0.07 | 24 | 28.7 | 2.4 | 42.1 | 0.14 | 0.19 | 46 | 3.0 |
| SA5101282 | 12 | 14 | 23 | 25 | 0.25 | 5.9 | 4.0 | 1.3 | 1.7 | 1.84 | 4 | 0.57 | 53 | 58.3 | 6.2 | 25.6 | 0.31 | 0.47 | 311 | 0.5 |
| SA5101283 | 10 | 10 | 25 | 22 | 0.25 | 5.8 | 3.3 | 1.1 | 1.3 | 1.58 | 2 | 0.33 | 39 | 47.6 | 6.7 | 29.6 | 0.16 | 0.39 | 444 | 0.5 |
| SA5101284 | 7 | 7 | 18 | 21 | 0.25 | 13.3 | 3.8 | 0.7 | 0.8 | 0.84 | 2 | 0.26 | 52 | 57.5 | 3.7 | 44.3 | 0.35 | 0.31 | 141 | 2.0 |
| SA5101285 | -9 | 2 | -9 | 5 | -9 | 3.7 | 0.5 | -9 | -9 | 0.79 | -9 | 0.07 | -9 | 10.2 | 0.8 | 73.2 | -9 | 0.18 | 97 | -9 |
| SA5101286 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101287 | 1 | 3 | 5 | 12 | 0.25 | 3.7 | 1.6 | 0.25 | 0.4 | 0.50 | 1 | 0.20 | 20 | 24.1 | 2.8 | 21.7 | 0.08 | 0.20 | 76 | 0.5 |
| SA5101288 | 3 | 3 | 5 | 12 | 0.25 | 5.0 | 1.5 | 0.25 | 0.7 | 0.83 | 0.5 | 0.05 | 16 | 20.5 | 1.3 | 43.7 | 0.11 | 0.11 | 44 | 3.0 |
| SA5101289 | 5 | 6 | 5 | 14 | 0.25 | 8.0 | 2.6 | 0.25 | 0.6 | 0.67 | 1 | 0.13 | 32 | 35.8 | 2.7 | 46.1 | 0.22 | 0.19 | 152 | 2.0 |
| SA5101290 | 1 | 2 | 19 | 19 | 0.25 | 3.8 | 1.6 | 0.25 | 0.3 | 0.25 | 0.5 | 0.09 | 21 | 23.6 | 2.2 | 28.3 | 0.07 | 0.14 | 37 | 0.5 |
| SA5101291 | 3 | 3 | 5 | 11 | 0.25 | 6.0 | 2.6 | 0.9 | 0.3 | 0.33 | 0.5 | 0.14 | 34 | 37.0 | 2.9 | 28.1 | 0.12 | 0.18 | 56 | 0.5 |
| SA5101292 | 6 | 8 | 32 | 24 | 0.25 | 6.7 | 4.2 | 0.25 | 1.5 | 1.63 | 3 | 0.38 | 55 | 59.8 | 5.6 | 29.8 | 0.27 | 0.38 | 266 | 0.5 |
| SA5101293 | 4 | 4 | 5 | 12 | 0.25 | 6.6 | 1.9 | 0.25 | 0.5 | 0.58 | 0.5 | 0.16 | 26 | 29.8 | 2.4 | 20.4 | 0.08 | 0.17 | 54 | 2.0 |
| SA5101294 | 5 | 4 | 5 | 7 | 0.25 | 7.6 | 2.1 | 0.8 | 0.7 | 0.80 | 0.5 | 0.04 | 33 | 38.0 | 0.9 | 32.0 | 0.13 | 0.17 | 32 | 0.5 |
| SA5101295 | 4 | 4 | 5 | 12 | 0.25 | 5.4 | 2.5 | 1 | 0.5 | 0.56 | 0.5 | 0.11 | 34 | 41.5 | 2.1 | 29.7 | 0.14 | 0.16 | 143 | 0.5 |
| SA5101296 | 31 | 29 | 32 | 25 | 0.25 | 16.8 | 7.6 | 1.4 | 5.1 | 5.52 | 3 | 0.40 | 98 | 102.9 | 5.2 | 28.8 | 0.47 | 0.38 | 1686 | 4.0 |
| SA5101297 | 3 | 2 | 5 | 4 | 0.25 | 6.5 | 1.6 | 0.25 | 0.05 | 0.13 | 0.5 | 0.02 | 18 | 20.9 | 0.5 | 37.3 | 0.07 | 0.09 | 19 | 0.5 |
| SA5101298 | 2 | 2 | 5 | 3 | 0.25 | 5.2 | 0.8 | 0.25 | 0.5 | 0.56 | 0.5 | 0.02 | 14 | 16.0 | 0.3 | 78.3 | 0.07 | 0.18 | 79 | 0.5 |
| SA5101299 | 1 | 4 | 16 | 16 | 0.25 | 14.8 | 1.4 | 0.25 | 0.5 | 0.50 | 3 | 0.38 | 20 | 19.5 | 2.9 | 66.4 | 0.17 | 0.29 | 95 | 0.5 |
| SA5101300 | 4 | 5 | 14 | 8 | 0.25 | 11.1 | 3.0 | 1.3 | 0.9 | 0.90 | 0.5 | 0.04 | 48 | 51.5 | 1.0 | 30.4 | 0.13 | 0.11 | 125 | 0.5 |
| SA5101301 | 6 | 7 | 34 | 14 | 0.25 | 10.0 | 3.9 | 0.25 | 0.7 | 0.88 | 0.5 | 0.14 | 60 | 66.1 | 3.4 | 31.4 | 0.24 | 0.23 | 211 | 0.5 |
| SA5101302 | 7 | 7 | 5 | 7 | 0.25 | 11.9 | 2.8 | 0.25 | 0.2 | 0.18 | 0.5 | 0.04 | 42 | 46.9 | 0.9 | 43.5 | 0.15 | 0.21 | 33 | 0.5 |
| SA5101303 | 5 | 5 | 18 | 14 | 0.25 | 6.6 | 2.0 | 1.1 | 0.6 | 0.59 | 1 | 0.19 | 32 | 37.0 | 3.2 | 26.5 | 0.13 | 0.31 | 98 | 0.5 |
| SA5101304 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101305 | 4 | 4 | 20 | 19 | 0.25 | 8.6 | 0.8 | 0.25 | 0.6 | 0.65 | 0.5 | 0.10 | 14 | 16.2 | 2.2 | 38.9 | 0.08 | 0.20 | 71 | 0.5 |
| SA5101306 | 2 | 2 | 5 | 6 | 0.25 | 5.7 | 0.4 | 0.25 | 0.1 | 0.12 | 0.5 | 0.03 | 8 | 9.5 | 0.8 | 46.7 | 0.025 | 0.13 | 30 | 0.5 |
| SA5101307 | 3 | 4 | 5 | 9 | 0.25 | 6.0 | 1.1 | 0.25 | 0.4 | 0.54 | 0.5 | 0.08 | 15 | 19.8 | 2.7 | 42.5 | 0.09 | 0.17 | 59 | 0.5 |
| SA5101308 | 8 | 11 | 45 | 35 | 0.90 | 4.9 | 2.0 | 0.8 | 1.7 | 1.85 | 10 | 1.48 | 26 | 25.1 | 10.7 | 14.1 | 0.23 | 0.72 | 361 | 0.5 |
| SA5101309 | 4 | 3 | 5 | 6 | 0.25 | 8.6 | 2.7 | 0.25 | 0.2 | 0.22 | 0.5 | 0.03 | 38 | 42.7 | 0.6 | 36.5 | 0.14 | 0.12 | 30 | 0.5 |
| SA5101310 | 4 | 4 | 14 | 11 | 0.25 | 11.8 | 1.0 | 0.25 | 0.7 | 0.77 | 0.5 | 0.08 | 10 | 10.9 | 1.1 | 61.9 | 0.07 | 0.12 | 68 | 0.5 |
| SA5101311 | 4 | 4 | 13 | 13 | 0.25 | 11.5 | 0.5 | 0.25 | 0.7 | 0.71 | 0.5 | 0.05 | 13 | 13.7 | 1.4 | 55.8 | 0.07 | 0.14 | 48 | 2.0 |
| SA5101312 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101313 | 6 | 9 | 29 | 29 | 0.70 | 6.8 | 1.7 | 0.25 | 1.4 | 1.49 | 7 | 1.13 | 19 | 18.4 | 8.4 | 24.3 | 0.17 | 0.71 | 298 | 0.5 |
| SA5101314 | 2 | 3 | 5 | 6 | 0.25 | 4.5 | 1.6 | 0.5 | 0.2 | 0.17 | 0.5 | 0.03 | 23 | 26.8 | 0.7 | 36.6 | 0.025 | 0.10 | 28 | 4.0 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | 4 | 5 | 12 | 11 | 0.25 | 7.8 | 0.9 | 0.25 | 0.3 | 0.40 | 0.5 | 0.10 | 15 | 16.3 | 1.6 | 55.6 | 0.06 | 0.15 | 57 | 2.0 |
| SA5101316 | 5 | 5 | 5 | 11 | 0.25 | 6.4 | 0.8 | 0.25 | 0.6 | 0.70 | 0.5 | 0.16 | 12 | 14.4 | 2.1 | 41.5 | 0.025 | 0.22 | 111 | 2.0 |
| SA5101317 | 8 | 6 | 18 | 12 | 0.25 | 5.7 | 1.2 | 0.7 | 1 | 1.13 | 0.5 | 0.12 | 15 | 18.9 | 1.7 | 30.8 | 0.09 | 0.16 | 92 | 0.5 |
| SA5101318 | 4 | 4 | 5 | 6 | 0.25 | 6.4 | 0.5 | 0.25 | 0.9 | 1.02 | 0.5 | 0.04 | 11 | 13.7 | 0.5 | 34.6 | 0.05 | 0.11 | 54 | 3.0 |
| SA5101319 | 7 | 7 | 5 | 9 | 0.25 | 12.5 | 0.9 | 0.25 | 1.5 | 1.59 | 0.5 | 0.06 | 16 | 16.8 | 1.4 | 57.5 | 0.09 | 0.16 | 92 | 2.0 |
| SA5101320 | 8 | 8 | 10 | 10 | 0.25 | 7.6 | 1.0 | 0.25 | 1.3 | 1.37 | 0.5 | 0.09 | 17 | 18.2 | 2.3 | 43.9 | 0.09 | 0.24 | 147 | 2.0 |
| SA5101321 | 7 | 8 | 5 | 13 | 0.25 | 9.1 | 1.0 | 0.6 | 0.8 | 0.72 | 1 | 0.15 | 13 | 14.4 | 3.1 | 43.7 | 0.07 | 0.29 | 164 | 0.5 |
| SA5101322 | 9 | 8 | 5 | 11 | 0.25 | 10.0 | 0.5 | 0.25 | 2 | 2.44 | 0.5 | 0.10 | 8 | 9.5 | 3.2 | 35.3 | 0.07 | 0.25 | 58 | 19.0 |
| SA5101323 | 4 | 3 | 5 | 8 | 0.25 | 6.2 | 0.3 | 0.25 | 0.5 | 0.50 | 0.5 | 0.05 | 7 | 7.3 | 1.2 | 32.6 | 0.025 | 0.12 | 36 | 2.0 |
| SA5101324 | 6 | 6 | 5 | 11 | 0.25 | 8.6 | 0.5 | 0.25 | 0.6 | 0.74 | 0.5 | 0.08 | 10 | 11.4 | 1.9 | 46.5 | 0.025 | 0.19 | 69 | 2.0 |
| SA5101325 | 6 | 6 | 11 | 7 | 0.25 | 11.5 | 0.8 | 0.6 | 0.7 | 0.83 | 0.5 | 0.03 | 13 | 15.4 | 0.7 | 31.5 | 0.06 | 0.16 | 63 | 0.5 |
| SA5101326 | 11 | 11 | 18 | 7 | 0.25 | 20.7 | 0.9 | 0.25 | 1.2 | 1.43 | 0.5 | 0.02 | 13 | 14.7 | 0.3 | 79.1 | 0.12 | 0.26 | 128 | 0.5 |
| SA5101327 | 5 | 6 | 5 | 8 | 0.25 | 11.1 | 1.8 | 0.25 | 0.4 | 0.46 | 0.5 | 0.06 | 29 | 34.6 | 1.2 | 32.8 | 0.11 | 0.18 | 44 | 0.5 |
| SA5101328 | 3 | 3 | 5 | 5 | 0.25 | 13.7 | 2.3 | 0.25 | 0.2 | 0.15 | 0.5 | 0.03 | 34 | 37.4 | 0.6 | 36.9 | 0.12 | 0.12 | 25 | 0.5 |
| SA5101329 | 1 | 2 | 5 | 6 | 0.25 | 6.9 | 0.5 | 0.5 | 0.2 | 0.25 | 0.5 | 0.07 | 10 | 11.8 | 0.6 | 40.5 | 0.05 | 0.16 | 38 | 0.5 |
| SA5101330 | 16 | 17 | 31 | 31 | 0.25 | 17.2 | 4.3 | 1.5 | 2.7 | 2.98 | 5 | 0.89 | 61 | 57.8 | 8.1 | 20.5 | 0.28 | 0.82 | 486 | 0.5 |
| SA5101331 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101332 | 7 | 8 | 14 | 10 | 0.25 | 12.1 | 3.5 | 0.25 | 0.4 | 0.50 | 0.5 | 0.09 | 54 | 59.5 | 2.7 | 39.4 | 0.2 | 0.22 | 94 | 0.5 |
| SA5101333 | 4 | 4 | 18 | 8 | 0.25 | 7.8 | 2.4 | 0.25 | 0.3 | 0.26 | 0.5 | 0.05 | 32 | 35.9 | 1.4 | 31.8 | 0.12 | 0.13 | 35 | 0.5 |
| SA5101334 | 6 | 6 | 5 | 6 | 0.25 | 14.4 | 2.5 | 0.25 | 0.3 | 0.31 | 0.5 | 0.03 | 38 | 41.9 | 0.7 | 42.5 | 0.17 | 0.13 | 76 | 0.5 |
| SA5101335 | 16 | 17 | 28 | 27 | 0.25 | 8.2 | 4.4 | 1.3 | 2.5 | 2.72 | 7 | 0.81 | 51 | 54.7 | 8.9 | 20.0 | 0.35 | 0.69 | 607 | 0.5 |
| SA5101336 | 6 | 5 | 5 | 11 | 0.25 | 12.2 | 3.9 | 0.8 | 0.4 | 0.36 | 0.5 | 0.07 | 49 | 54.7 | 1.9 | 34.3 | 0.18 | 0.17 | 60 | 0.5 |
| SA5101337 | 10 | 11 | 5 | 11 | 0.25 | 14.5 | 3.1 | 1.1 | 0.5 | 0.67 | 0.5 | 0.08 | 40 | 50.2 | 1.6 | 27.0 | 0.19 | 0.26 | 31 | 0.5 |
| SA5101338 | 1 | 2 | 5 | 6 | 0.25 | 5.0 | 2.6 | 0.25 | 0.2 | 0.20 | 0.5 | 0.04 | 24 | 32.8 | 0.9 | 35.1 | 0.1 | 0.11 | 25 | 0.5 |
| SA5101339 | 8 | 9 | 22 | 23 | 0.25 | 13.4 | 6.7 | 1.3 | 2.2 | 2.44 | 1 | 0.20 | 86 | 95.0 | 4.4 | 36.5 | 0.31 | 0.26 | 297 | 3.0 |
| SA5101340 | 15 | 16 | 47 | 33 | 0.25 | 32.7 | 10.1 | 1.5 | 2.3 | 2.63 | 7 | 0.87 | 127 | 137.8 | 9.0 | 27.5 | 0.63 | 0.59 | 420 | 5.0 |
| SA5101341 | 3 | 4 | 11 | 8 | 0.25 | 15.1 | 2.7 | 0.25 | 0.2 | 0.25 | 0.5 | 0.08 | 23 | 27.2 | 0.7 | 38.1 | 0.17 | 0.15 | 51 | 0.5 |
| SA5101342 | 1 | 2 | 5 | 4 | 0.25 | 6.2 | 1.4 | 0.25 | 0.1 | 0.21 | 0.5 | 0.02 | 13 | 15.5 | 0.2 | 36.3 | 0.05 | 0.07 | 22 | 0.5 |
| SA5101343 | 1 | 2 | 5 | 7 | 0.25 | 3.9 | 0.4 | 0.25 | 0.4 | 0.39 | 0.5 | 0.07 | 7 | 8.2 | 0.6 | 51.3 | 0.06 | 0.17 | 52 | 0.5 |
| SA5101344 | 5 | 5 | 5 | 8 | 0.25 | 18.6 | 2.4 | 0.6 | 0.3 | 0.26 | 0.5 | 0.02 | 24 | 27.0 | 0.4 | 43.5 | 0.1 | 0.11 | 41 | 0.5 |
| SA5101345 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101346 | 8 | 8 | 5 | 16 | 0.25 | 15.5 | 6.1 | 1.6 | 0.5 | 0.50 | 1 | 0.11 | 87 | 92.0 | 2.4 | 39.3 | 0.29 | 0.21 | 79 | 3.0 |
| SA5101347 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101348 | 6 | 4 | 5 | 11 | 0.25 | 8.7 | 2.5 | 1.2 | 0.3 | 0.34 | 0.5 | 0.07 | 29 | 34.3 | 2.0 | 32.7 | 0.11 | 0.16 | 41 | 0.5 |
| SA5101349 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101350 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101351 | 6 | 6 | 5 | 13 | 0.25 | 7.8 | 1.2 | 0.25 | 1.2 | 1.40 | 0.5 | 0.08 | 21 | 25.9 | 1.7 | 30.2 | 0.07 | 0.19 | 80 | 0.5 |
| SA5101352 | 3 | 3 | 5 | 6 | 0.25 | 11.6 | 0.7 | 0.25 | 0.3 | 0.30 | 0.5 | 0.02 | 8 | 8.2 | 0.3 | 53.2 | 0.08 | 0.14 | 30 | 0.5 |
| SA5101353 | 1 | 2 | 5 | 4 | 0.25 | 4.0 | 0.05 | 0.25 | 0.4 | 0.44 | 0.5 | 0.02 | 3 | 3.8 | 0.4 | 65.3 | 0.025 | 0.17 | 34 | 0.5 |
| SA5101354 | 3 | 3 | 17 | 11 | 0.25 | 6.4 | 0.3 | 0.25 | 0.5 | 0.61 | 0.5 | 0.05 | 9 | 10.3 | 1.7 | 30.9 | 0.06 | 0.16 | 30 | 0.5 |
| SA5101355 | 5 | 11 | 5 | 28 | 0.25 | 6.6 | 3.8 | 0.25 | 0.4 | 2.31 | 0.5 | 0.93 | 5 | 52.3 | 8.4 | 18.2 | 0.025 | 0.66 | 344 | 0.5 |
| SA5101356 | 10 | 10 | 40 | 18 | 0.25 | 12.3 | 2.9 | 1.3 | 2.2 | 4.93 | 6 | 0.36 | 51 | 43.5 | 5.1 | 57.2 | 0.3 | 0.37 | 556 | 0.5 |
| SA5101357 | 10 | 1 | 16 | 4 | 0.25 | 4.9 | 0.1 | 1.2 | 4.5 | 0.21 | 2 | 0.03 | 42 | 6.0 | 0.3 | 77.3 | 0.25 | 0.15 | 34 | 0.5 |
| SA5101358 | 1 | 1 | 5 | 4 | 0.25 | 4.5 | 0.05 | 0.25 | 0.2 | 0.21 | 0.5 | 0.03 | 5 | 6.1 | 0.3 | 77.4 | 0.025 | 0.15 | 35 | 0.5 |
| SA5101359 | 2 | 2 | 5 | 7 | 0.25 | 10.2 | 1.1 | 0.25 | 0.3 | 0.31 | 0.5 | 0.11 | 20 | 21.6 | 0.5 | 83.0 | 0.13 | 0.08 | 40 | 2.0 |
| SA5101360 | -9 | 1 | -9 | 4 | -9 | 6.7 | 0.4 | -9 | -9 | 0.10 | -9 | 0.06 | -9 | 7.1 | 0.4 | 82.1 | -9 | 0.07 | 43 | -9 |
| SA5101361 | 1 | 1 | 5 | 6 | 0.25 | 16.9 | 1.7 | 0.6 | 0.1 | 0.09 | 0.5 | 0.04 | 20 | 23.3 | 0.6 | 66.5 | 0.07 | 0.07 | 22 | 0.5 |
| SA5101362 | 5 | 6 | 14 | 11 | 0.25 | 12.2 | 2.9 | 0.25 | 0.8 | 0.84 | 0.5 | 0.12 | 40 | 45.5 | 3.1 | 37.6 | 0.18 | 0.18 | 109 | 0.5 |
| SA5101363 | 11 | 10 | 5 | 9 | 0.25 | 12.1 | 0.6 | 0.25 | 2.1 | 2.46 | 0.5 | 0.03 | 9 | 10.3 | 0.4 | 43.7 | 0.1 | 0.11 | 82 | 2.0 |
| SA5101364 | 15 | 14 | 27 | 32 | 0.25 | 7.7 | 3.7 | 0.9 | 3.1 | 3.46 | 4 | 0.60 | 49 | 50.0 | 7.2 | 29.1 | 0.32 | 0.54 | 432 | 2.0 |
| SA5101365 | 1 | 1 | 5 | 4 | 0.25 | 6.9 | 0.7 | 0.25 | 0.2 | 0.16 | 0.5 | 0.02 | 11 | 13.2 | 0.2 | 55.3 | 0.08 | 0.07 | 23 | 0.5 |
| SA5101366 | 2 | 2 | 5 | 4 | 0.25 | 2.9 | 0.05 | 0.25 | 1.1 | 1.14 | 0.5 | 0.03 | 3 | 3.5 | 0.5 | 83.3 | 0.025 | 0.15 | 97 | 0.5 |
| SA5101367 | 2 | 2 | 5 | 7 | 0.25 | 7.0 | 0.05 | 0.25 | 1.5 | 1.74 | 0.5 | 0.03 | 5 | 5.5 | 0.4 | 76.6 | 0.06 | 0.16 | 61 | 0.5 |
| SA5101368 | 7 | 8 | 28 | 26 | 0.25 | 9.9 | 3.3 | 1 | 2.3 | 2.47 | 1 | 0.22 | 47 | 51.3 | 5.1 | 37.3 | 0.27 | 0.33 | 216 | 2.0 |
| SA5101369 | 6 | 6 | 5 | 11 | 0.25 | 6.0 | 0.5 | 0.25 | 2.3 | 2.48 | 1 | 0.22 | 7 | 7.8 | 2.1 | 55.3 | 0.08 | 0.26 | 178 | 0.5 |
| SA5101370 | 5 | 6 | 5 | 16 | 0.25 | 8.6 | 1.1 | 0.25 | 1.1 | 1.30 | 0.5 | 0.12 | 15 | 18.2 | 1.9 | 47.6 | 0.11 | 0.22 | 108 | 0.5 |
| SA5101371 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101372 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101373 | 3 | 3 | 5 | 8 | 0.25 | 5.5 | 0.1 | 0.25 | 0.9 | 1.05 | 0.5 | 0.06 | 4 | 4.7 | 0.9 | 59.9 | 0.05 | 0.15 | 138 | 0.5 |
| SA5101374 | 1 | 1 | 5 | 5 | 0.25 | 8.9 | 0.2 | 0.25 | 0.4 | 0.35 | 0.5 | 0.04 | 4 | 5.0 | 0.3 | 71.6 | 0.025 | 0.09 | 44 | 2.0 |
| SA5101375 | 5 | 5 | 22 | 15 | 0.25 | 8.3 | 1.5 | 0.25 | 0.5 | 0.58 | 0.5 | 0.16 | 18 | 20.3 | 1.8 | 53.7 | 0.15 | 0.18 | 69 | 6.0 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | 1 | 12 | 5 | 7 | 0.25 | 6.0 | 0.5 | 0.25 | 0.9 | 1.01 | 0.5 | 0.03 | 10 | 11.6 | 0.5 | 26.9 | 0.2 | 0.07 | 52 | 2.0 |
| SA5101377 | 5 | 5 | 5 | 6 | 0.25 | 5.1 | 0.05 | 0.25 | 0.4 | 0.41 | 0.5 | 0.04 | 2 | 3.2 | 0.6 | 51.6 | 0.025 | 0.12 | 84 | 2.0 |
| SA5101378 | 1 | 3 | 5 | 12 | 0.70 | 16.6 | 0.8 | 0.25 | 0.4 | 0.36 | 0.5 | 0.12 | 11 | 11.6 | 1.6 | 86.2 | 0.12 | 0.13 | 160 | 0.5 |
| SA5101379 | 8 | 12 | 47 | 34 | 0.25 | 2.1 | 2.1 | 1.2 | 2.3 | 2.16 | 14 | 1.43 | 26 | 21.6 | 7.9 | 9.1 | 0.31 | 0.82 | 415 | 0.5 |
| SA5101380 | 9 | 14 | 40 | 35 | 0.25 | 0.5 | 2.4 | 1 | 2.2 | 2.35 | 17 | 1.29 | 20 | 19.7 | 6.1 | 9.4 | 0.31 | 0.82 | 495 | 0.5 |
| SA5101381 | 8 | 8 | 24 | 24 | 0.50 | 14.9 | 1.6 | 0.25 | 1.2 | 1.18 | 3 | 0.69 | 20 | 20.9 | 5.3 | 53.9 | 0.17 | 0.48 | 212 | 0.5 |
| SA5101382 | 5 | 4 | 5 | 6 | 0.25 | 7.3 | 0.2 | 0.25 | 0.6 | 0.81 | 0.5 | 0.03 | 3 | 4.2 | 0.5 | 60.2 | 0.025 | 0.12 | 73 | 1.0 |
| SA5101383 | 1 | 2 | 5 | 5 | 0.25 | 10.0 | 0.2 | 0.25 | 0.3 | 0.37 | 0.5 | 0.02 | 6 | 7.9 | 0.2 | 65.9 | 0.025 | 0.13 | 24 | 0.5 |
| SA5101384 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101385 | 5 | 6 | 19 | 18 | 0.25 | 4.5 | 2.4 | 0.6 | 1.1 | 1.18 | 2 | 0.30 | 32 | 33.4 | 3.1 | 36.1 | 0.17 | 0.29 | 153 | 0.5 |
| SA5101386 | 7 | 5 | 5 | 7 | 0.25 | 7.1 | 1.0 | 0.25 | 0.2 | 0.27 | 0.5 | 0.04 | 15 | 16.1 | 0.7 | | 0.1 | 0.12 | 33 | 0.5 |
| SA5101387 | 11 | 10 | 43 | 25 | 0.25 | 16.7 | 3.8 | 0.25 | 2.8 | 2.85 | 2 | 0.31 | 50 | 52.6 | 4.5 | 39.5 | 0.17 | 0.34 | 293 | 3.0 |
| SA5101388 | 1 | 2 | 5 | 8 | 0.25 | 14.2 | 1.8 | 0.6 | 0.4 | 0.35 | 0.5 | 0.03 | 21 | 22.9 | 0.4 | 85.0 | 0.1 | 0.12 | 49 | 0.5 |
| SA5101389 | 1 | 2 | 5 | 4 | 0.25 | 11.0 | 0.6 | 0.25 | 0.4 | 0.53 | 0.5 | 0.03 | 10 | 10.8 | 0.3 | 79.3 | 0.11 | 0.10 | 74 | 0.5 |
| SA5101390 | -9 | 2 | -9 | 10 | -9 | 8.3 | 1.2 | -9 | -9 | 0.69 | -9 | 0.06 | -9 | 18.9 | 0.3 | 66.8 | -9 | 0.11 | 54 | -9 |
| SA5101391 | 5 | 5 | 5 | 13 | 0.25 | 7.4 | 1.8 | 0.25 | 0.9 | 0.96 | 0.5 | 0.15 | 27 | 29.7 | 3.6 | 31.1 | 0.14 | 0.20 | 142 | 0.5 |
| SA5101392 | 6 | 7 | 41 | 14 | 0.25 | 11.3 | 2.4 | 1.5 | 2 | 2.12 | 0.5 | 0.15 | 35 | 39.4 | 3.6 | 33.0 | 0.14 | 0.20 | 178 | 0.5 |
| SA5101393 | 18 | 18 | 24 | 23 | 0.25 | 10.5 | 3.4 | 0.8 | 2.9 | 3.51 | 2 | 0.34 | 38 | 45.4 | 7.4 | 33.9 | 0.2 | 0.46 | 618 | 0.5 |
| SA5101394 | 8 | 6 | 5 | 10 | 0.25 | 6.9 | 1.4 | 0.25 | 0.3 | 0.39 | 0.5 | 0.08 | 17 | 18.4 | 1.4 | 35.1 | 0.08 | 0.16 | 57 | 0.5 |
| SA5101395 | 1 | 1 | 5 | 4 | 0.25 | 5.1 | 0.2 | 0.25 | 0.4 | 0.48 | 0.5 | 0.04 | 4 | 4.5 | 0.3 | 83.1 | 0.08 | 0.13 | 59 | 0.5 |
| SA5101396 | 7 | 5 | 28 | 11 | 0.25 | 7.7 | 1.1 | 0.25 | 1.5 | 1.73 | 0.5 | 0.15 | 16 | 17.8 | 3.8 | 40.1 | 0.13 | 0.28 | 84 | 14.0 |
| SA5101397 | 4 | 4 | 5 | 11 | 0.25 | 7.4 | 0.6 | 0.25 | 1.2 | 1.22 | 0.5 | 0.05 | 9 | 9.3 | 1.3 | 85.2 | 0.11 | 0.20 | 115 | 2.0 |
| SA5101398 | 4 | 3 | 5 | 6 | 0.25 | 5.9 | 0.05 | 0.25 | 0.3 | 0.27 | 0.5 | 0.03 | 4 | 4.7 | 0.6 | 62.1 | 0.025 | 0.19 | 69 | 0.5 |
| SA5101399 | 2 | 2 | 5 | 6 | 0.25 | 4.7 | 0.4 | 0.25 | 0.7 | 0.82 | 0.5 | 0.03 | 7 | 8.3 | 0.5 | 66.9 | 0.09 | 0.18 | 58 | 0.5 |
| SA5101400 | 5 | 6 | 20 | 12 | 0.25 | 6.6 | 0.9 | 0.25 | 0.9 | 1.05 | 0.5 | 0.13 | 13 | 13.9 | 1.7 | 61.3 | 0.17 | 0.25 | 143 | 0.5 |
| SA5101401 | 5 | 5 | 5 | 8 | 0.25 | 5.1 | 0.4 | 0.25 | 0.9 | 0.92 | 0.5 | 0.08 | 9 | 10.5 | 1.7 | 37.1 | 0.12 | 0.19 | 91 | 0.5 |
| SA5101402 | 34 | 31 | 28 | 18 | 0.25 | 14.0 | 1.6 | 0.25 | 2 | 1.99 | 3 | 0.45 | 22 | 24.0 | 4.6 | 25.9 | 0.18 | 0.45 | 374 | 0.5 |
| SA5101403 | 21 | 21 | 31 | 23 | 0.25 | 10.6 | 2.1 | 0.25 | 1.6 | 1.97 | 6 | 0.87 | 24 | 27.3 | 8.0 | 19.6 | 0.12 | 0.61 | 355 | 0.5 |
| SA5101404 | 3 | 4 | 5 | 14 | 0.25 | 8.6 | 1.9 | 0.6 | 0.3 | 0.29 | 0.5 | 0.06 | 26 | 29.0 | 1.0 | 47.3 | 0.14 | 0.12 | 54 | 0.5 |
| SA5101405 | 10 | 10 | 32 | 23 | 0.25 | 11.0 | 2.4 | 0.25 | 4 | 4.55 | 2 | 0.40 | 33 | 34.5 | 4.9 | 33.8 | 0.17 | 0.38 | 254 | 0.5 |
| SA5101406 | 5 | 6 | 10 | 15 | 0.25 | 8.6 | 2.3 | 0.25 | 0.6 | 0.82 | 0.5 | 0.22 | 32 | 35.2 | 6.3 | 27.4 | 0.18 | 0.25 | 103 | 0.5 |
| SA5101407 | 3 | 3 | 5 | 8 | 0.25 | 8.2 | 0.4 | 0.25 | 0.4 | 0.51 | 0.5 | 0.04 | 10 | 11.3 | 0.9 | 52.1 | 0.11 | 0.14 | 83 | 7.0 |
| SA5101408 | 1 | 2 | 14 | 7 | 0.25 | 8.3 | 0.5 | 0.25 | 0.3 | 0.36 | 0.5 | 0.06 | 9 | 11.0 | 1.4 | 26.1 | 0.11 | 0.15 | 34 | 2.0 |
| SA5101409 | 1 | 2 | 5 | 12 | 0.25 | 11.2 | 1.4 | 0.25 | 0.6 | 0.68 | 0.5 | 0.06 | 24 | 27.6 | 0.5 | 67.4 | 0.15 | 0.17 | 78 | 0.5 |
| SA5101410 | 4 | 4 | 5 | 7 | 0.25 | 9.9 | 0.1 | 0.25 | 1 | 1.07 | 0.5 | 0.03 | 5 | 5.9 | 0.4 | 66.9 | 0.08 | 0.11 | 152 | 0.5 |
| SA5101411 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101412 | 2 | 3 | 5 | 8 | 0.25 | 11.3 | 0.05 | 0.25 | 0.8 | 0.90 | 0.5 | 0.03 | 8 | 9.1 | 0.5 | 79.3 | 0.025 | 0.15 | 61 | 0.5 |
| SA5101413 | 5 | 5 | 5 | 10 | 0.25 | 6.5 | 1.4 | 0.25 | 0.6 | 0.66 | 0.5 | 0.11 | 19 | 22.5 | 2.8 | 36.0 | 0.1 | 0.20 | 81 | 0.5 |
| SA5101414 | 9 | 11 | 24 | 31 | 0.25 | 7.8 | 2.5 | 0.9 | 1.5 | 1.69 | 8 | 1.08 | 32 | 30.5 | 5.0 | 34.9 | 0.24 | 0.56 | 297 | 0.5 |
| SA5101415 | 10 | 9 | 26 | 24 | 0.25 | 15.6 | 3.5 | 1 | 2.6 | 2.72 | 2 | 0.40 | 56 | 57.4 | 5.6 | 36.3 | 0.2 | 0.37 | 371 | 3.0 |
| SA5101416 | 5 | 6 | 20 | 14 | 0.25 | 11.9 | 2.3 | 0.25 | 0.9 | 0.94 | 0.5 | 0.25 | 37 | 40.5 | 5.6 | 30.0 | 0.14 | 0.26 | 118 | 0.5 |
| SA5101417 | 2 | 2 | 5 | 6 | 0.25 | 7.1 | 0.9 | 0.9 | 0.3 | 0.34 | 0.5 | 0.03 | 25 | 29.6 | 0.5 | 31.2 | 0.06 | 0.09 | 31 | 0.5 |
| SA5101418 | 3 | 5 | 14 | 15 | 0.25 | 12.9 | 2.2 | 1 | 0.6 | 0.62 | 0.5 | 0.12 | 40 | 45.3 | 2.7 | 43.8 | 0.13 | 0.19 | 80 | 0.5 |
| SA5101419 | 1 | 1 | 5 | 6 | 0.25 | 5.5 | 0.05 | 0.25 | 0.9 | 0.99 | 0.5 | 0.04 | 8 | 9.0 | 0.4 | 65.5 | 0.025 | 0.14 | 41 | 0.5 |
| SA5101420 | 6 | 8 | 24 | 24 | 0.25 | 3.4 | 1.2 | 0.8 | 1.5 | 1.60 | 3 | 0.84 | 15 | 15.2 | 5.1 | 33.9 | 0.13 | 0.59 | 290 | 0.5 |
| SA5101421 | 1 | 1 | 5 | 4 | 0.25 | 5.6 | 0.5 | 0.25 | 0.3 | 0.26 | 0.5 | 0.03 | 14 | 16.4 | 0.2 | 32.0 | 0.025 | 0.10 | 44 | 0.5 |
| SA5101422 | 1 | 1 | 5 | 5 | 0.25 | 6.8 | 0.2 | 0.25 | 0.5 | 0.51 | 0.5 | 0.02 | 7 | 9.2 | 0.4 | 79.9 | 0.1 | 0.19 | 46 | 0.5 |
| SA5101423 | 7 | 4 | 23 | 11 | 0.25 | 6.8 | 0.4 | 0.8 | 4.5 | 2.65 | 4 | 0.19 | 17 | 9.5 | 1.5 | 21.2 | 0.18 | 0.25 | 173 | 4.0 |
| SA5101424 | 3 | 4 | 5 | 12 | 0.25 | 7.2 | 1.6 | 0.25 | 2.5 | 0.72 | 0.5 | 0.03 | 8 | 35.9 | 0.4 | 71.8 | 0.025 | 0.11 | 66 | 2.0 |
| SA5101425 | 3 | 2 | 5 | 16 | 0.25 | 7.7 | 0.6 | 0.25 | 0.6 | 0.67 | 0.5 | 0.06 | 31 | 20.3 | 0.9 | 38.2 | 0.12 | 0.15 | 64 | 3.0 |
| SA5101426 | 1 | 6 | 5 | 17 | 0.25 | 10.7 | 2.1 | 0.25 | 0.6 | 0.99 | 0.5 | 0.32 | 18 | 38.9 | 5.2 | 67.4 | 0.12 | 0.34 | 193 | 0.5 |
| SA5101427 | 6 | 8 | 17 | 21 | 0.25 | 4.3 | 1.3 | 0.9 | 0.9 | 5.16 | 2 | 0.64 | 35 | 18.1 | 4.4 | 31.3 | 0.13 | 0.51 | 263 | 0.5 |
| SA5101428 | 8 | 10 | 23 | 26 | 0.25 | 35.2 | 3.7 | 2.1 | 1.9 | 2.00 | 2 | 0.31 | 59 | 69.8 | 5.4 | 46.5 | 0.15 | 0.40 | 247 | 0.5 |
| SA5101429 | 5 | 5 | 5 | 9 | 0.25 | 11.5 | 1.4 | 0.25 | 0.8 | 1.09 | 0.5 | 0.02 | 35 | 41.1 | 0.4 | 43.8 | 0.025 | 0.12 | 108 | 0.5 |
| SA5101430 | 4 | 3 | 5 | 8 | 0.25 | 11.9 | 1.5 | 0.25 | 0.4 | 0.38 | 0.5 | 0.09 | 18 | 20.9 | 1.6 | 38.0 | 0.025 | 0.15 | 113 | 0.5 |
| SA5101431 | 3 | 4 | 5 | 9 | 0.25 | 8.6 | 1.1 | 0.25 | 0.4 | 0.44 | 0.5 | 0.13 | 17 | 20.9 | 2.8 | 37.2 | 0.025 | 0.18 | 86 | 0.5 |
| SA5101432 | 1 | 2 | 5 | 5 | 0.25 | 10.6 | 0.3 | 0.25 | 0.4 | 0.45 | 0.5 | 0.02 | 9 | 9.5 | 0.3 | 72.8 | 0.025 | 0.12 | 60 | 0.5 |
| SA5101433 | 9 | 9 | 21 | 18 | 0.25 | 25.8 | 3.8 | 2.3 | 1.5 | 1.52 | 0.5 | 0.08 | 62 | 61.1 | 1.8 | 62.0 | 0.24 | 0.24 | 288 | 0.5 |
| SA5101434 | 1 | 2 | 5 | 6 | 0.25 | 6.8 | 1.0 | 1 | 0.2 | 0.24 | 0.5 | 0.07 | 16 | 19.8 | 1.0 | 33.3 | 0.025 | 0.13 | 36 | 0.5 |
| SA5101435 | 6 | 7 | 16 | 14 | 0.25 | 10.9 | 2.2 | 1 | 0.9 | 1.03 | 0.5 | 0.18 | 37 | 40.7 | 3.7 | 35.0 | 0.05 | 0.24 | 182 | 0.5 |
| SA5101436 | 5 | 6 | 5 | 13 | 0.60 | 13.8 | 2.0 | 0.25 | 0.6 | 0.69 | 0.5 | 0.18 | 27 | 33.0 | 3.3 | 37.1 | 0.05 | 0.24 | 102 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | 1 | 3 | 5 | 5 | 0.25 | 8.3 | 0.7 | 0.7 | 0.1 | 0.19 | 0.5 | 0.02 | 12 | 16.7 | 0.5 | 42.1 | 0.07 | 0.12 | 45 | 0.5 |
| SA5101438 | 8 | 8 | 5 | 20 | 0.25 | 10.9 | 2.6 | 0.25 | 1 | 1.27 | 2 | 0.32 | 35 | 41.0 | 4.6 | 38.4 | 0.08 | 0.36 | 233 | 0.5 |
| SA5101439 | 1 | 3 | 5 | 7 | 0.25 | 9.4 | 0.8 | 1.4 | 0.6 | 0.51 | 0.5 | 0.06 | 10 | 13.6 | 0.7 | 61.9 | 0.025 | 0.15 | 98 | 0.5 |
| SA5101440 | 8 | 10 | 13 | 14 | 0.25 | 13.2 | 1.9 | 0.25 | 1.6 | 1.87 | 0.5 | 0.13 | 29 | 32.2 | 2.0 | 43.3 | 0.09 | 0.22 | 170 | 0.5 |
| SA5101441 | 9 | 9 | 27 | 26 | 0.25 | 21.7 | 3.0 | 1.8 | 1.3 | 1.36 | 1 | 0.20 | 52 | 59.5 | 2.7 | 40.2 | 0.07 | 0.31 | 176 | 1.0 |
| SA5101442 | 5 | 5 | 12 | 10 | 0.25 | 7.8 | 0.7 | 0.25 | 0.9 | 0.85 | 0.5 | 0.09 | 11 | 12.9 | 1.5 | 53.9 | 0.025 | 0.16 | 65 | 0.5 |
| SA5101443 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101444 | 1 | 2 | 5 | 6 | 0.25 | 12.0 | 0.6 | 0.7 | 0.2 | 0.21 | 0.5 | 0.03 | 13 | 16.7 | 0.4 | 38.9 | 0.08 | 0.09 | 32 | 0.5 |
| SA5101445 | 4 | 4 | 5 | 8 | 0.25 | 6.6 | 0.7 | 0.25 | 1.4 | 1.67 | 0.5 | 0.02 | 11 | 13.8 | 0.3 | 50.2 | 0.025 | 0.10 | 94 | 0.5 |
| SA5101446 | 7 | 10 | 10 | 19 | 0.60 | 18.5 | 1.8 | 0.25 | 1.1 | 1.25 | 0.5 | 0.23 | 36 | 45.1 | 7.1 | 30.6 | 0.025 | 0.32 | 230 | 0.5 |
| SA5101447 | 1 | 4 | 5 | 8 | 0.25 | 11.2 | 1.7 | 0.25 | 0.3 | 0.37 | 0.5 | 0.05 | 25 | 31.2 | 1.4 | 41.5 | 0.13 | 0.20 | 55 | 0.5 |
| SA5101448 | 1 | 1 | 5 | 5 | 0.25 | 10.7 | 0.5 | 0.5 | 0.1 | 0.17 | 0.5 | 0.02 | 10 | 12.4 | 0.3 | 80.2 | 0.025 | 0.12 | 19 | 0.5 |
| SA5101449 | 1 | 1 | 5 | 5 | 0.25 | 10.2 | 0.6 | 0.25 | 0.5 | 0.56 | 0.5 | 0.02 | 18 | 20.8 | 0.2 | 77.9 | 0.025 | 0.12 | 54 | 0.5 |
| SA5101450 | 6 | 6 | 5 | 30 | 0.25 | 7.1 | 1.0 | 0.25 | 1 | 1.14 | 0.5 | 0.06 | 13 | 16.4 | 1.1 | 29.4 | 0.025 | 0.15 | 229 | 1.0 |
| SA5101451 | 6 | 8 | 5 | 16 | 0.25 | 8.7 | 3.2 | 1.6 | 1 | 1.22 | 0.5 | 0.19 | 43 | 47.5 | 5.0 | 34.7 | 0.16 | 0.26 | 205 | 1.0 |
| SA5101452 | 7 | 8 | 16 | 14 | 0.25 | 8.1 | 3.2 | 1.8 | 1.1 | 1.37 | 0.5 | 0.11 | 48 | 54.6 | 2.9 | 35.1 | 0.1 | 0.22 | 150 | 2.0 |
| SA5101453 | 8 | 9 | 16 | 14 | 0.25 | 14.2 | 3.0 | 1.6 | 1.2 | 1.38 | 0.5 | 0.08 | 41 | 47.6 | 2.1 | 40.8 | 0.16 | 0.20 | 250 | 0.5 |
| SA5101454 | 5 | 5 | 5 | 11 | 0.25 | 7.2 | 2.0 | 0.25 | 0.3 | 0.40 | 0.5 | 0.12 | 25 | 27.8 | 3.9 | 36.7 | 0.09 | 0.23 | 50 | 0.5 |
| SA5101455 | 8 | 9 | 5 | 18 | 0.25 | 12.2 | 3.4 | 0.25 | 0.8 | 0.88 | 0.5 | 0.25 | 43 | 47.2 | 6.4 | 35.7 | 0.14 | 0.33 | 148 | 2.0 |
| SA5101456 | 13 | 14 | 20 | 26 | 0.25 | 8.9 | 4.8 | 1.9 | 2.7 | 2.75 | 5 | 0.81 | 60 | 58.1 | 9.4 | 32.2 | 0.27 | 0.52 | 686 | 2.0 |
| SA5101457 | 1 | 1 | 5 | 6 | 0.25 | 10.0 | 1.5 | 0.25 | 0.4 | 0.44 | 0.5 | 0.03 | 16 | 18.3 | 0.2 | 82.3 | 0.13 | 0.10 | 48 | 0.5 |
| SA5101458 | 1 | 3 | 5 | 5 | 0.25 | 4.2 | 1.1 | 0.7 | 0.3 | 0.31 | 0.5 | 0.03 | 10 | 12.6 | 0.7 | 35.7 | 0.09 | 0.11 | 43 | 4.0 |
| SA5101459 | 1 | 3 | 5 | 7 | 0.25 | 9.6 | 2.3 | 0.25 | 0.4 | 0.38 | 0.5 | 0.10 | 22 | 28.5 | 2.1 | 31.3 | 0.08 | 0.14 | 79 | 0.5 |
| SA5101460 | 2 | 2 | 5 | 10 | 0.25 | 9.9 | 0.8 | 0.25 | 0.8 | 0.86 | 0.5 | 0.04 | 17 | 19.1 | 0.5 | 73.4 | 0.05 | 0.14 | 39 | 0.5 |
| SA5101461 | 3 | 2 | 5 | 7 | 0.25 | 12.2 | 1.6 | 0.25 | 0.4 | 0.37 | 0.5 | 0.06 | 27 | 27.6 | 1.3 | 63.4 | 0.025 | 0.16 | 21 | 0.5 |
| SA5101462 | 10 | 11 | 5 | 26 | 0.25 | 13.1 | 4.2 | 1.4 | 2.3 | 2.40 | 1 | 0.25 | 62 | 63.8 | 5.7 | 29.4 | 0.16 | 0.28 | 628 | 0.5 |
| SA5101463 | 8 | 8 | 5 | 22 | 0.25 | 11.7 | 3.1 | 1.9 | 1.7 | 1.87 | 0.5 | 0.16 | 46 | 49.9 | 4.3 | 27.5 | 0.07 | 0.22 | 390 | 0.5 |
| SA5101464 | 5 | 6 | 5 | 12 | 0.25 | 14.0 | 4.7 | 0.25 | 0.6 | 0.67 | 0.5 | 0.12 | 60 | 65.4 | 3.3 | 41.2 | 0.19 | 0.20 | 83 | 0.5 |
| SA5101465 | 1 | 2 | 5 | 6 | 0.25 | 12.6 | 0.9 | 0.25 | 0.6 | 0.61 | 0.5 | 0.03 | 18 | 19.6 | 0.4 | 88.2 | 0.025 | 0.15 | 219 | 0.5 |
| SA5101466 | 6 | 6 | 21 | 20 | 0.25 | 8.9 | 3.0 | 1.6 | 0.9 | 0.77 | 1 | 0.18 | 43 | 44.3 | 4.2 | 30.4 | 0.025 | 0.25 | 83 | 0.5 |
| SA5101467 | 12 | 15 | 16 | 37 | 0.80 | 6.0 | 4.8 | 1.6 | 2.5 | 2.95 | 8 | 1.62 | 51 | 54.4 | 13.6 | 10.3 | 0.23 | 0.82 | 454 | 1.0 |
| SA5101468 | 1 | 3 | 5 | 8 | 0.25 | 5.4 | 1.5 | 0.25 | 0.4 | 0.41 | 0.5 | 0.12 | 18 | 20.7 | 1.7 | 34.8 | 0.025 | 0.14 | 63 | 0.5 |
| SA5101469 | 1 | 1 | 5 | 8 | 0.25 | 12.4 | 0.7 | 0.6 | 0.7 | 0.73 | 0.5 | 0.07 | 11 | 12.5 | 0.6 | 84.1 | 0.025 | 0.14 | 83 | 0.5 |
| SA5101470 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101471 | 5 | 6 | 5 | 13 | 0.25 | 8.7 | 4.1 | 0.25 | 0.6 | 0.59 | 0.5 | 0.12 | 52 | 58.8 | 3.3 | 33.2 | 0.2 | 0.19 | 86 | 0.5 |
| SA5101472 | 3 | 2 | 5 | 6 | 0.25 | 6.4 | 2.6 | 0.25 | 0.2 | 0.16 | 0.5 | 0.04 | 29 | 35.4 | 1.0 | 36.2 | 0.09 | 0.12 | 26 | 0.5 |
| SA5101473 | 4 | 4 | 5 | 11 | 0.50 | 9.3 | 2.7 | 1.5 | 0.5 | 0.57 | 0.5 | 0.15 | 34 | 41.2 | 4.5 | 36.9 | 0.08 | 0.20 | 70 | 0.5 |
| SA5101474 | 4 | 6 | 5 | 12 | 0.25 | 8.5 | 2.5 | 0.25 | 0.4 | 0.38 | 0.5 | 0.08 | 33 | 37.5 | 2.0 | 40.9 | 0.13 | 0.16 | 52 | 0.5 |
| SA5101475 | 8 | 8 | 16 | 20 | 0.25 | 14.6 | 3.3 | 0.25 | 0.7 | 0.72 | 2 | 0.22 | 48 | 52.7 | 4.5 | 50.0 | 0.12 | 0.25 | 111 | 0.5 |
| SA5101476 | 3 | 5 | 17 | 17 | 0.25 | 6.8 | 2.0 | 0.8 | 0.4 | 0.41 | 0.5 | 0.14 | 26 | 32.1 | 3.7 | 30.0 | 0.025 | 0.20 | 90 | 0.5 |
| SA5101477 | 32 | 33 | 25 | 22 | 0.25 | 18.5 | 8.1 | 1.5 | 6.7 | 7.55 | 0.5 | 0.29 | 103 | 120.1 | 5.5 | 29.3 | 0.35 | 0.29 | 2652 | 6.0 |
| SA5101478 | 6 | 9 | 20 | 20 | 0.25 | 10.7 | 5.7 | 1.7 | 1.2 | 1.38 | 2 | 0.34 | 65 | 76.3 | 7.2 | 30.1 | 0.26 | 0.34 | 202 | 1.0 |
| SA5101479 | 1 | 2 | 5 | 8 | 0.25 | 9.7 | 1.2 | 0.8 | 0.4 | 0.56 | 0.5 | 0.04 | 11 | 12.7 | 0.3 | 78.1 | 0.07 | 0.09 | 56 | 0.5 |
| SA5101480 | 4 | 6 | 20 | 16 | 0.25 | 11.0 | 3.4 | 1 | 0.4 | 0.51 | 0.5 | 0.19 | 42 | 48.0 | 4.8 | 36.1 | 0.12 | 0.24 | 74 | 0.5 |
| SA5101481 | 1 | 2 | 5 | 4 | 0.25 | 3.2 | 1.1 | 0.5 | 0.2 | 0.20 | 0.5 | 0.02 | 7 | 7.8 | 0.2 | 28.2 | 0.08 | 0.09 | 17 | 0.5 |
| SA5101482 | 1 | 2 | 5 | 10 | 0.25 | 13.8 | 1.8 | 1.1 | 0.6 | 0.70 | 0.5 | 0.03 | 26 | 28.0 | 0.4 | 85.8 | 0.09 | 0.10 | 82 | 0.5 |
| SA5101483 | 6 | 7 | 5 | 18 | 0.25 | 11.3 | 2.1 | 0.25 | 1.4 | 1.45 | 4 | 0.54 | 28 | 31.0 | 2.9 | 59.6 | 0.18 | 0.34 | 234 | 0.5 |
| SA5101484 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101485 | 5 | 7 | 30 | 17 | 0.60 | 13.4 | 7.5 | 0.25 | 0.7 | 1.03 | 1 | 0.34 | 96 | 108.1 | 9.2 | 29.4 | 0.36 | 0.32 | 134 | 0.5 |
| SA5101486 | 6 | 8 | 18 | 19 | 0.25 | 13.4 | 2.3 | 1.2 | 3.4 | 3.81 | 0.5 | 0.20 | 39 | 44.1 | 4.5 | 68.9 | 0.06 | 0.26 | 230 | 0.5 |
| SA5101487 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101488 | 1 | 5 | 5 | 17 | 0.25 | 5.1 | 1.5 | 0.25 | 1 | 1.22 | 5 | 0.78 | 12 | 15.5 | 3.7 | 54.9 | 0.12 | 0.36 | 217 | 0.5 |
| SA5101489 | 1 | 1 | 5 | 7 | 0.25 | 9.9 | 2.6 | 0.25 | 0.5 | 0.60 | 0.5 | 0.06 | 33 | 38.8 | 0.9 | 77.4 | 0.15 | 0.14 | 49 | 2.0 |
| SA5101490 | 1 | 4 | 5 | 9 | 0.50 | 9.5 | 4.6 | 0.25 | 0.5 | 0.63 | 0.5 | 0.10 | 56 | 68.1 | 2.7 | 25.9 | 0.2 | 0.16 | 110 | 0.5 |
| SA5101491 | 14 | 17 | 50 | 45 | 0.60 | 10.3 | 5.8 | 1.4 | 2.7 | 3.17 | 13 | 2.20 | 57 | 58.0 | 14.9 | 2.0 | 0.32 | 1.07 | 603 | 3.0 |
| SA5101492 | 6 | 7 | 15 | 13 | 0.25 | 8.0 | 3.0 | 0.25 | 0.4 | 0.50 | 0.5 | 0.10 | 34 | 40.2 | 2.4 | 39.0 | 0.13 | 0.18 | 82 | 0.5 |
| SA5101493 | 3 | 5 | 5 | 15 | 0.25 | 7.7 | 3.7 | 0.25 | 0.6 | 0.81 | 0.5 | 0.10 | 44 | 50.5 | 2.4 | 36.3 | 0.25 | 0.18 | 118 | 1.0 |
| SA5101494 | 6 | 7 | 25 | 17 | 0.25 | 7.6 | 4.8 | 2 | 1.2 | 1.30 | 3 | 0.38 | 64 | 74.4 | 7.9 | 29.9 | 0.24 | 0.35 | 138 | 0.5 |
| SA5101495 | 1 | 1 | 5 | 7 | 0.25 | 5.5 | 1.3 | 0.25 | 0.7 | 0.85 | 0.5 | 0.03 | 16 | 20.3 | 0.3 | 47.2 | 0.06 | 0.11 | 44 | 0.5 |
| SA5101496 | 5 | 8 | 29 | 26 | 0.50 | 4.8 | 3.7 | 1.8 | 1.5 | 1.49 | 4 | 0.85 | 42 | 48.5 | 6.6 | 18.9 | 0.26 | 0.51 | 244 | 0.5 |
| SA5101497 | 1 | 3 | 5 | 9 | 0.25 | 8.2 | 3.2 | 0.25 | 0.3 | 0.46 | 0.5 | 0.14 | 37 | 46.8 | 4.0 | 25.6 | 0.18 | 0.21 | 51 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | 7 | 7 | 21 | 9 | 0.25 | 10.7 | 7.0 | 2.7 | 0.7 | 0.69 | 1 | 0.12 | 84 | 101.8 | 2.7 | 34.0 | 0.35 | 0.22 | 48 | 3.0 |
| SA5101499 | 4 | 4 | 19 | 11 | 0.25 | 7.4 | 5.4 | 1.9 | 0.8 | 0.73 | 0.5 | 0.25 | 63 | 72.1 | 7.0 | 26.1 | 0.19 | 0.23 | 84 | 0.5 |
| SA5101500 | 8 | 9 | 31 | 25 | 0.70 | 16.3 | 8.3 | 2.6 | 1.4 | 1.56 | 2 | 0.66 | 111 | 121.8 | 19.0 | 24.0 | 0.39 | 0.47 | 185 | 1.0 |
| SA5101501 | 1 | 5 | 5 | 11 | 0.25 | 8.0 | 3.6 | 1.5 | 0.5 | 0.48 | 0.5 | 0.12 | 49 | 55.2 | 3.6 | 27.4 | 0.11 | 0.15 | 119 | 0.5 |
| SA5101502 | 4 | 6 | 5 | 15 | 0.25 | 6.4 | 2.8 | 0.25 | 1.2 | 1.35 | 2 | 0.48 | 45 | 49.7 | 8.6 | 34.9 | 0.12 | 0.33 | 180 | 0.5 |
| SA5101503 | 6 | 4 | 5 | 12 | 0.25 | 6.6 | 5.0 | 0.25 | 0.5 | 0.53 | 2 | 0.30 | 73 | 82.4 | 5.0 | 26.1 | 0.16 | 0.27 | 91 | 0.5 |
| SA5101504 | 9 | 8 | 28 | 20 | 0.25 | 8.3 | 6.5 | 0.25 | 1 | 1.09 | 1 | 0.25 | 78 | 88.6 | 6.1 | 23.2 | 0.19 | 0.26 | 188 | 0.5 |
| SA5101505 | 1 | 2 | 17 | 11 | 0.25 | 6.3 | 1.8 | 0.25 | 0.7 | 0.81 | 0.5 | 0.12 | 25 | 29.3 | 1.3 | 58.8 | 0.08 | 0.17 | 102 | 0.5 |
| SA5101506 | 3 | 5 | 5 | 14 | 0.25 | 9.5 | 5.6 | 1.5 | 0.7 | 0.82 | 0.5 | 0.11 | 70 | 76.4 | 3.6 | 33.3 | 0.2 | 0.19 | 126 | 0.5 |
| SA5101507 | 8 | 10 | 40 | 31 | 0.25 | 12.3 | 7.8 | 2.4 | 6.9 | 8.15 | 1 | 0.07 | 81 | 100.9 | 2.0 | 32.2 | 0.44 | 0.19 | 291 | 0.5 |
| SA5101508 | 8 | 8 | 5 | 15 | 0.25 | 16.7 | 7.6 | 0.25 | 1.3 | 1.58 | 0.5 | 0.13 | 102 | 117.4 | 7.2 | 35.9 | 0.36 | 0.24 | 63 | 4.0 |
| SA5101509 | 1 | 4 | 5 | 8 | 0.25 | 9.0 | 3.9 | 0.25 | 0.7 | 0.78 | 0.5 | 0.06 | 49 | 55.4 | 2.4 | 40.1 | 0.18 | 0.14 | 41 | 0.5 |
| SA5101510 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101511 | 4 | 4 | 27 | 9 | 0.25 | 14.8 | 10.0 | 0.25 | 0.9 | 0.95 | 0.5 | 0.11 | 97 | 120.0 | 2.7 | 30.1 | 0.44 | 0.15 | 84 | 0.5 |
| SA5101512 | 4 | 4 | 24 | 11 | 0.25 | 10.2 | 1.6 | 0.25 | 2 | 2.16 | 0.5 | 0.15 | 32 | 34.0 | 1.9 | 82.1 | 0.12 | 0.18 | 366 | 0.5 |
| SA5101513 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101514 | 3 | 3 | 5 | 7 | 0.25 | 11.3 | 2.3 | 0.25 | 4.6 | 5.37 | 0.5 | 0.04 | 29 | 31.7 | 0.8 | 57.3 | 0.13 | 0.11 | 495 | 2.0 |
| SA5101515 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101516 | 1 | 4 | 35 | 17 | 0.25 | 13.9 | 2.8 | 0.25 | 1.3 | 1.38 | 0.5 | 0.25 | 48 | 49.4 | 3.9 | 75.0 | 0.025 | 0.22 | 126 | 0.5 |
| SA5101517 | 1 | 2 | 5 | 6 | 0.25 | 8.7 | 1.1 | 0.25 | 0.9 | 0.99 | 0.5 | 0.05 | 15 | 15.8 | 0.5 | 72.7 | 0.08 | 0.09 | 67 | 0.5 |
| SA5101518 | 9 | 13 | 38 | 35 | 0.60 | 2.1 | 4.4 | 0.25 | 3.2 | 3.26 | 12 | 1.69 | 45 | 45.9 | 7.9 | 13.1 | 0.31 | 0.85 | 565 | 0.5 |
| SA5101519 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101520 | 1 | 3 | 5 | 12 | 0.25 | 6.2 | 3.5 | 0.25 | 0.6 | 0.58 | 1 | 0.17 | 43 | 50.9 | 4.4 | 33.9 | 0.25 | 0.17 | 104 | 0.5 |
| SA5101521 | 1 | 2 | 5 | 8 | 0.25 | 3.8 | 3.6 | 0.25 | 0.3 | 0.16 | 0.5 | 0.06 | 30 | 37.0 | 1.3 | 29.3 | 0.19 | 0.11 | 27 | 2.0 |
| SA5101522 | 10 | 13 | 30 | 23 | 0.60 | 10.8 | 9.2 | 0.25 | 1.3 | 1.71 | 3 | 0.47 | 99 | 117.0 | 9.7 | 26.2 | 0.43 | 0.38 | 469 | 0.5 |
| SA5101523 | 7 | 7 | 37 | 17 | 0.25 | 10.4 | 5.5 | 2.5 | 0.9 | 0.98 | 4 | 0.33 | 59 | 67.0 | 5.7 | 47.6 | 0.29 | 0.27 | 252 | 0.5 |
| SA5101524 | 1 | 1 | 5 | 6 | 0.25 | 5.0 | 4.7 | 0.25 | 0.2 | 0.09 | 0.5 | 0.03 | 51 | 57.5 | 0.4 | 26.7 | 0.21 | 0.08 | 19 | 0.5 |
| SA5101525 | 33 | 36 | 25 | 22 | 0.70 | 21.6 | 18.8 | 4.2 | 4.9 | 5.88 | 0.5 | 0.43 | 201 | 222.4 | 8.2 | 29.7 | 1 | 0.33 | 1716 | 4.0 |
| SA5101526 | 1 | 10 | 37 | 27 | 0.80 | 49.6 | 32.0 | 7.2 | 2.3 | 2.73 | 12 | 0.72 | 304 | 373.4 | 9.5 | 18.2 | 1.6 | 0.54 | 338 | 6.0 |
| SA5101527 | 7 | 9 | 40 | 26 | 0.60 | 1.2 | 4.3 | 2.2 | 1.7 | 1.76 | 11 | 1.59 | 56 | 53.6 | 7.6 | 7.1 | 0.31 | 0.67 | 380 | 0.5 |
| SA5101528 | 8 | 10 | 5 | 17 | 0.25 | 10.7 | 5.5 | 3.1 | 1 | 1.14 | 0.5 | 0.12 | 87 | 97.9 | 3.1 | 31.4 | 0.17 | 0.20 | 328 | 0.5 |
| SA5101529 | 6 | 9 | 30 | 26 | 0.70 | 38.8 | 11.3 | 0.25 | 1.4 | 1.23 | 0.5 | 0.37 | 123 | 141.4 | 12.4 | 30.8 | 0.47 | 0.37 | 121 | 8.0 |
| SA5101530 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101531 | 16 | 17 | 36 | 32 | 0.90 | 6.9 | 4.4 | 2 | 2.8 | 2.90 | 11 | 1.68 | 42 | 43.7 | 9.9 | 5.7 | 0.28 | 0.76 | 449 | 3.0 |
| SA5101532 | 4 | 4 | 5 | 13 | 0.25 | 9.3 | 3.9 | 0.7 | 0.4 | 0.43 | 0.5 | 0.10 | 45 | 50.7 | 3.4 | 34.0 | 0.2 | 0.18 | 47 | 0.5 |
| SA5101533 | -9 | 4 | -9 | 14 | -9 | 47.1 | 0.9 | -9 | -9 | 0.25 | -9 | 0.05 | -9 | 9.4 | 0.8 | 90.1 | -9 | 0.11 | 45 | -9 |
| SA5101534 | 8 | 9 | 5 | 4 | 0.25 | 3.8 | 0.05 | 0.25 | 0.6 | 0.61 | 0.5 | 0.02 | 6 | 6.2 | 0.4 | 25.7 | 0.025 | 0.11 | 33 | 0.5 |
| SA5101535 | 5 | 6 | 23 | 26 | 0.25 | 19.2 | 1.7 | 1.1 | 0.7 | 0.67 | 0.5 | 0.16 | 28 | 29.7 | 2.5 | 47.4 | 0.11 | 0.23 | 82 | 0.5 |
| SA5101536 | 10 | 11 | 27 | 26 | 0.25 | 5.4 | 0.9 | 1.2 | 1.7 | 1.75 | 5 | 0.61 | 12 | 12.7 | 4.6 | 32.0 | 0.13 | 0.73 | 331 | 0.5 |
| SA5101537 | 4 | 5 | 5 | 10 | 0.25 | 10.2 | 0.2 | 0.25 | 1.2 | 1.22 | 0.5 | 0.17 | 7 | 7.5 | 1.2 | 68.0 | 0.06 | 0.22 | 100 | 0.5 |
| SA5101538 | 4 | 6 | 21 | 28 | 0.25 | 7.2 | 0.2 | 0.25 | 1.9 | 2.12 | 0.5 | 0.11 | 10 | 10.6 | 1.5 | 79.7 | 0.07 | 0.25 | 162 | 2.0 |
| SA5101539 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101540 | 12 | 12 | 5 | 23 | 0.25 | 10.4 | 0.5 | 0.25 | 3.2 | 3.56 | 1 | 0.18 | 12 | 11.8 | 2.6 | 63.7 | 0.08 | 0.27 | 173 | 0.5 |
| SA5101541 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101542 | 1 | 2 | 5 | 6 | 0.25 | 6.5 | 3.0 | 2 | 0.05 | 0.21 | 0.5 | 0.06 | 34 | 41.5 | 1.4 | 31.4 | 0.15 | 0.12 | 29 | 0.5 |
| SA5101543 | 8 | 11 | 31 | 30 | 0.70 | 3.3 | 2.8 | 1.4 | 2.1 | 2.10 | 13 | 1.54 | 31 | 29.2 | 9.3 | 13.6 | 0.25 | 0.75 | 434 | 0.5 |
| SA5101544 | 3 | 3 | 5 | 12 | 0.25 | 8.2 | 3.8 | 1.1 | 0.4 | 0.36 | 0.5 | 0.09 | 44 | 45.6 | 3.5 | 36.2 | 0.17 | 0.19 | 35 | 2.0 |
| SA5101545 | 6 | 8 | 35 | 24 | 0.70 | 6.8 | 5.0 | 1.8 | 1.4 | 1.30 | 5 | 0.59 | 73 | 74.4 | 7.6 | 27.1 | 0.32 | 0.37 | 206 | 2.0 |
| SA5101546 | 7 | 7 | 5 | 15 | 0.60 | 10.4 | 5.9 | 1.6 | 0.6 | 0.64 | 0.5 | 0.21 | 80 | 88.3 | 3.8 | 39.7 | 0.37 | 0.22 | 97 | 2.0 |
| SA5101547 | 1 | 2 | 5 | 9 | 0.25 | 4.1 | 0.6 | 0.25 | 0.3 | 0.31 | 0.5 | 0.18 | 14 | 15.3 | 2.8 | 31.5 | 0.025 | 0.16 | 38 | 0.5 |
| SA5101548 | 2 | 4 | 15 | 16 | 0.25 | 5.7 | 2.2 | 0.9 | 0.5 | 0.52 | 0.5 | 0.12 | 40 | 44.3 | 3.2 | 33.9 | 0.1 | 0.15 | 59 | 1.0 |
| SA5101549 | 4 | 4 | 5 | 14 | 0.25 | 7.1 | 3.9 | 1.7 | 0.6 | 0.59 | 0.5 | 0.09 | 56 | 61.2 | 3.0 | 29.3 | 0.14 | 0.14 | 68 | 0.5 |
| SA5101550 | 1 | 3 | 19 | 8 | 0.25 | 8.2 | 3.5 | 0.25 | 0.5 | 0.35 | 0.5 | 0.10 | 43 | 50.0 | 4.0 | 27.3 | 0.22 | 0.16 | 48 | 0.5 |
| SA5101551 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101552 | 6 | 6 | 18 | 20 | 0.25 | 4.3 | 3.9 | 0.25 | 0.9 | 0.97 | 3 | 0.43 | 43 | 50.1 | 7.3 | 24.6 | 0.17 | 0.37 | 167 | 0.5 |
| SA5101553 | 6 | 9 | 5 | 12 | 0.25 | 7.8 | 3.3 | 0.25 | 2.6 | 3.12 | 0.5 | 0.13 | 42 | 50.2 | 3.1 | 48.4 | 0.23 | 0.20 | 531 | 0.5 |
| SA5101554 | 8 | 8 | 5 | 8 | 0.25 | 6.3 | 1.3 | 0.25 | 0.9 | 0.88 | 0.5 | 0.04 | 16 | 17.8 | 0.8 | 54.7 | 0.12 | 0.12 | 164 | 0.5 |
| SA5101555 | 3 | 5 | 5 | 17 | 0.25 | 17.2 | 3.9 | 0.25 | 1 | 0.97 | 0.5 | 0.16 | 69 | 74.6 | 6.4 | 60.3 | 0.3 | 0.25 | 192 | 0.5 |
| SA5101556 | 7 | 9 | 23 | 29 | 0.60 | 19.6 | 4.0 | 0.25 | 1.1 | 1.21 | 4 | 0.63 | 48 | 51.1 | 6.1 | 57.4 | 0.29 | 0.46 | 218 | 2.0 |
| SA5101557 | 1 | 3 | 5 | 13 | 0.25 | 11.1 | 1.3 | 0.25 | 0.7 | 0.77 | 2 | 0.22 | 25 | 27.1 | 1.3 | 76.2 | 0.1 | 0.22 | 135 | 0.5 |
| SA5101558 | 1 | 2 | 17 | 10 | 0.25 | 13.5 | 1.6 | 0.25 | 0.8 | 0.80 | 0.5 | 0.02 | 36 | 40.7 | 0.3 | 70.0 | 0.13 | 0.16 | 110 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | 2 | 3 | 5 | 12 | 0.25 | 4.6 | 2.5 | 0.25 | 0.4 | 0.45 | 0.5 | 0.15 | 39 | 45.3 | 4.2 | 23.1 | 0.08 | 0.16 | 45 | 0.5 |
| SA5101560 | 1 | 3 | 19 | 12 | 0.25 | 6.0 | 2.7 | 0.25 | 0.2 | 0.24 | 0.5 | 0.10 | 33 | 39.4 | 3.8 | 26.4 | 0.15 | 0.13 | 30 | 1.0 |
| SA5101561 | 5 | 7 | 20 | 23 | 0.25 | 7.3 | 3.7 | 0.25 | 0.9 | 1.13 | 3 | 0.47 | 53 | 63.0 | 6.5 | 25.1 | 0.2 | 0.35 | 178 | 0.5 |
| SA5101562 | 3 | 3 | 5 | 11 | 0.25 | 10.1 | 2.8 | 0.25 | 0.2 | 0.24 | 0.5 | 0.09 | 46 | 57.6 | 3.5 | 31.7 | 0.13 | 0.16 | 35 | 0.5 |
| SA5101563 | 1 | 2 | 5 | 11 | 0.25 | 14.3 | 1.4 | 0.25 | 0.2 | 0.18 | 0.5 | 0.14 | 15 | 19.3 | 1.2 | 74.3 | 0.07 | 0.13 | 47 | 0.5 |
| SA5101564 | 7 | 11 | 48 | 31 | 0.70 | 10.9 | 5.4 | 1.8 | 1.7 | 2.00 | 7 | 1.07 | 80 | 86.9 | 14.0 | 20.4 | 0.4 | 0.64 | 320 | 0.5 |
| SA5101565 | 1 | 1 | 5 | 4 | 0.25 | 6.9 | 1.4 | 0.25 | 0.2 | 0.16 | 0.5 | 0.04 | 28 | 33.3 | 0.5 | 27.0 | 0.025 | 0.07 | 24 | 0.5 |
| SA5101566 | 1 | 1 | 5 | 4 | 0.25 | 3.7 | 0.4 | 0.25 | 0.3 | 0.35 | 0.5 | 0.04 | 13 | 14.5 | 0.3 | 63.4 | 0.06 | 0.13 | 44 | 0.5 |
| SA5101567 | 4 | 7 | 24 | 14 | 0.60 | 15.1 | 5.7 | 2.9 | 0.7 | 0.74 | 0.5 | 0.15 | 97 | 114.0 | 5.0 | 35.5 | 0.34 | 0.19 | 114 | 0.5 |
| SA5101568 | 3 | 4 | 21 | 18 | 0.25 | 6.4 | 1.2 | 0.25 | 0.5 | 0.50 | 0.5 | 0.21 | 27 | 31.4 | 5.8 | 37.9 | 0.12 | 0.24 | 66 | 2.0 |
| SA5101569 | 9 | 10 | 27 | 26 | 0.25 | 9.6 | 3.7 | 1.2 | 1.5 | 1.73 | 4 | 0.56 | 58 | 65.1 | 10.5 | 28.4 | 0.21 | 0.52 | 339 | 4.0 |
| SA5101570 | 11 | 15 | 38 | 35 | 0.70 | 4.5 | 4.5 | 2 | 2.2 | 2.33 | 9 | 1.17 | 55 | 57.7 | 16.1 | 15.4 | 0.3 | 0.77 | 568 | 2.0 |
| SA5101571 | 1 | 4 | 5 | 20 | 0.25 | 13.0 | 1.8 | 0.25 | 0.3 | 0.38 | 0.5 | 0.09 | 25 | 30.8 | 2.4 | 32.4 | 0.08 | 0.16 | 108 | 5.0 |
| SA5101572 | 15 | 17 | 54 | 45 | 0.25 | 32.4 | 9.2 | 3 | 2.3 | 2.66 | 3 | 0.75 | 127 | 144.7 | 22.2 | 27.4 | 0.45 | 0.77 | 660 | 9.0 |
| SA5101573 | 1 | 2 | 5 | 6 | 0.25 | 4.9 | 0.7 | 0.6 | 0.5 | 0.40 | 0.5 | 0.05 | 15 | 16.7 | 1.2 | 26.8 | 0.025 | 0.12 | 20 | 1.0 |
| SA5101574 | 8 | 9 | 18 | 23 | 0.25 | 22.6 | 5.0 | 0.25 | 2.1 | 2.59 | 0.5 | 0.20 | 65 | 77.7 | 9.9 | 30.0 | 0.24 | 0.25 | 93 | 25.0 |
| SA5101575 | 1 | 2 | 5 | 7 | 0.25 | 10.0 | 1.0 | 0.25 | 0.6 | 0.64 | 0.5 | 0.08 | 13 | 17.0 | 0.8 | 78.7 | 0.11 | 0.12 | 81 | 0.5 |
| SA5101576 | 1 | 4 | 17 | 19 | 0.25 | 11.4 | 3.0 | 0.25 | 0.6 | 0.78 | 0.5 | 0.25 | 46 | 54.4 | 9.4 | 26.1 | 0.15 | 0.25 | 81 | 7.0 |
| SA5101577 | 6 | 8 | 28 | 36 | 0.90 | 10.6 | 4.0 | 1.4 | 1.4 | 1.65 | 2 | 0.51 | 60 | 66.1 | 19.2 | 22.2 | 0.26 | 0.44 | 172 | 6.0 |
| SA5101578 | 4 | 4 | 15 | 14 | 0.25 | 10.9 | 2.0 | 0.25 | 0.6 | 0.62 | 0.5 | 0.14 | 30 | 34.6 | 6.3 | 36.0 | 0.09 | 0.21 | 67 | 4.0 |
| SA5101579 | 4 | 4 | 23 | 17 | 0.70 | 10.0 | 2.3 | 0.25 | 0.8 | 0.88 | 0.5 | 0.18 | 38 | 44.7 | 8.8 | 37.3 | 0.16 | 0.21 | 63 | 3.0 |
| SA5101580 | 5 | 8 | 19 | 27 | 0.70 | 17.3 | 4.7 | 0.25 | 1.6 | 1.90 | 1 | 0.56 | 74 | 83.4 | 14.5 | 25.3 | 0.23 | 0.42 | 233 | 5.0 |
| SA5101581 | 5 | 9 | 21 | 27 | 0.60 | 16.4 | 5.1 | 3.2 | 1.6 | 1.74 | 2 | 0.45 | 81 | 93.1 | 12.1 | 31.5 | 0.26 | 0.39 | 243 | 3.0 |
| SA5101582 | 3 | 5 | 15 | 17 | 0.25 | 19.0 | 5.5 | 2.1 | 0.4 | 0.45 | 0.5 | 0.13 | 58 | 65.1 | 4.9 | 30.4 | 0.25 | 0.19 | 51 | 7.0 |
| SA5101583 | 4 | 7 | 13 | 21 | 0.25 | 6.7 | 1.1 | 0.6 | 2.9 | 2.69 | 1 | 0.36 | 23 | 26.7 | 3.5 | 69.1 | 0.12 | 0.40 | 424 | 2.0 |
| SA5101584 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101585 | 4 | 4 | 5 | 12 | 0.25 | 14.4 | 2.1 | 1.1 | 0.4 | 0.39 | 0.5 | 0.14 | 39 | 42.2 | 2.1 | 55.6 | 0.05 | 0.18 | 75 | 2.0 |
| SA5101586 | 4 | 5 | 5 | 12 | 0.25 | 6.9 | 0.8 | 0.25 | 0.8 | 0.94 | 0.5 | 0.06 | 33 | 34.8 | 1.4 | 56.8 | 0.09 | 0.16 | 176 | 0.5 |
| SA5101587 | 1 | 1 | 5 | 4 | 0.25 | 7.8 | 0.05 | 0.25 | 0.2 | 0.17 | 0.5 | 0.02 | 6 | 7.4 | 0.1 | 90.1 | 0.025 | 0.08 | 47 | 0.5 |
| SA5101588 | 11 | 13 | 54 | 54 | 0.70 | 21.3 | 6.6 | 1.9 | 3.6 | 3.92 | 5 | 0.36 | 96 | 100.9 | 11.9 | 19.0 | 0.29 | 0.38 | 843 | 0.5 |
| SA5101589 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101590 | 6 | 6 | 5 | 9 | 0.25 | 10.3 | 3.0 | 1.4 | 0.4 | 0.42 | 0.5 | 0.07 | 57 | 60.9 | 1.8 | 34.7 | 0.14 | 0.18 | 39 | 0.5 |
| SA5101591 | 1 | 2 | 5 | 6 | 0.25 | 9.8 | 1.5 | 0.25 | 0.3 | 0.27 | 0.5 | 0.05 | 20 | 22.6 | 0.4 | 54.3 | 0.1 | 0.11 | 36 | 0.5 |
| SA5101592 | 1 | 2 | 5 | 12 | 0.25 | 8.0 | 3.3 | 1.5 | 0.4 | 0.33 | 0.5 | 0.08 | 39 | 44.4 | 2.3 | 27.4 | 0.13 | 0.15 | 52 | 0.5 |
| SA5101593 | 10 | 13 | 5 | 19 | 0.25 | 13.3 | 4.2 | 0.25 | 1.1 | 1.42 | 2 | 0.19 | 56 | 70.1 | 4.5 | 36.8 | 0.24 | 0.31 | 292 | 0.5 |
| SA5101594 | 1 | 5 | 25 | 28 | 0.25 | 19.5 | 5.7 | 2.6 | 1 | 1.07 | 0.5 | 0.23 | 81 | 95.4 | 7.4 | 19.3 | 0.73 | 0.31 | 92 | 0.5 |
| SA5101595 | 1 | 2 | 5 | 8 | 0.25 | 7.7 | 2.2 | 0.8 | 0.05 | 0.18 | 0.5 | 0.04 | 37 | 43.0 | 1.1 | 31.7 | 0.1 | 0.11 | 27 | 0.5 |
| SA5101596 | 6 | 6 | 19 | 19 | 0.25 | 12.3 | 3.9 | 0.25 | 0.7 | 0.87 | 1 | 0.23 | 58 | 63.0 | 3.8 | 32.7 | 0.25 | 0.33 | 137 | 0.5 |
| SA5101597 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101598 | -9 | 2 | -9 | 11 | -9 | 6.6 | 1.4 | -9 | -9 | 0.86 | -9 | 0.09 | -9 | 15.7 | 0.9 | 61.3 | -9 | 0.16 | 79 | -9 |
| SA5101599 | 1 | 3 | 5 | 11 | 0.25 | 8.1 | 3.4 | 0.25 | 0.5 | 0.58 | 0.5 | 0.10 | 40 | 45.2 | 2.5 | 35.3 | 0.13 | 0.17 | 75 | 0.5 |
| SA5101600 | 8 | 8 | 19 | 20 | 0.25 | 24.7 | 7.2 | 1.8 | 0.6 | 0.75 | 1 | 0.23 | 78 | 91.6 | 5.8 | 36.2 | 0.32 | 0.34 | 111 | 0.5 |
| SA5101601 | 3 | 4 | 5 | 12 | 0.25 | 6.9 | 3.1 | 1.3 | 0.4 | 0.36 | 0.5 | 0.14 | 38 | 43.7 | 3.5 | 26.7 | 0.14 | 0.21 | 67 | 0.5 |
| SA5101602 | 5 | 5 | 5 | 10 | 0.25 | 9.2 | 1.9 | 0.7 | 0.5 | 0.57 | 0.5 | 0.08 | 22 | 25.8 | 1.1 | 47.8 | 0.15 | 0.16 | 62 | 1.0 |
| SA5101603 | 2 | 2 | 5 | 9 | 0.25 | 4.4 | 0.9 | 0.25 | 0.3 | 0.32 | 0.5 | 0.05 | 17 | 20.2 | 1.1 | 32.2 | 0.09 | 0.13 | 40 | 0.5 |
| SA5101604 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101605 | 1 | 3 | 15 | 11 | 0.25 | 8.4 | 3.3 | 0.25 | 0.3 | 0.29 | 0.5 | 0.09 | 44 | 54.1 | 1.5 | 31.8 | 0.11 | 0.18 | 49 | 1.0 |
| SA5101606 | 5 | 6 | 19 | 16 | 0.25 | 8.4 | 2.0 | 0.25 | 0.6 | 0.75 | 0.5 | 0.26 | 26 | 31.2 | 5.3 | 26.4 | 0.11 | 0.33 | 93 | 3.0 |
| SA5101607 | 5 | 5 | 10 | 12 | 0.25 | 5.3 | 2.1 | 0.25 | 0.6 | 0.68 | 0.5 | 0.07 | 29 | 35.4 | 1.8 | 22.3 | 0.12 | 0.16 | 64 | 0.5 |
| SA5101608 | 1 | 2 | 5 | 5 | 0.25 | 7.0 | 0.5 | 0.8 | 0.2 | 0.17 | 0.5 | 0.07 | 9 | 10.8 | 0.9 | 53.2 | 0.025 | 0.11 | 29 | 0.5 |
| SA5101609 | 5 | 5 | 16 | 13 | 0.25 | 7.5 | 2.2 | 0.25 | 0.5 | 0.66 | 0.5 | 0.14 | 29 | 33.5 | 3.0 | 29.7 | 0.15 | 0.22 | 84 | 0.5 |
| SA5101610 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101611 | 1 | 4 | 5 | 20 | 0.25 | 20.3 | 1.6 | 0.25 | 0.4 | 0.49 | 2 | 0.31 | 22 | 24.1 | 3.6 | 76.9 | 0.1 | 0.27 | 101 | 0.5 |
| SA5101612 | 1 | 3 | 20 | 10 | 0.25 | 9.3 | 1.4 | 0.6 | 0.5 | 0.47 | 0.5 | 0.07 | 21 | 26.4 | 2.5 | 34.3 | 0.05 | 0.15 | 37 | 1.0 |
| SA5101613 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101614 | 8 | 12 | 5 | 21 | 0.25 | 14.6 | 3.7 | 0.9 | 1.9 | 2.32 | 1 | 0.26 | 46 | 52.3 | 10.4 | 35.6 | 0.3 | 0.49 | 167 | 9.0 |
| SA5101615 | 4 | 5 | 5 | 12 | 0.25 | 12.7 | 2.6 | 0.25 | 0.4 | 0.55 | 0.5 | 0.08 | 29 | 35.2 | 2.2 | 36.8 | 0.12 | 0.18 | 82 | 0.5 |
| SA5101616 | 5 | 5 | 5 | 11 | 0.25 | 12.6 | 1.4 | 0.25 | 0.6 | 0.70 | 0.5 | 0.08 | 19 | 23.1 | 2.1 | 42.0 | 0.1 | 0.21 | 102 | 0.5 |
| SA5101617 | 2 | 4 | 5 | 10 | 0.25 | 9.3 | 1.6 | 1.1 | 0.4 | 0.47 | 0.5 | 0.07 | 21 | 24.8 | 1.6 | 34.6 | 0.08 | 0.18 | 69 | 0.5 |
| SA5101618 | 6 | 6 | 5 | 8 | 0.25 | 5.8 | 0.2 | 0.25 | 0.7 | 0.78 | 0.5 | 0.04 | 6 | 6.7 | 0.7 | 50.8 | 0.025 | 0.16 | 81 | 0.5 |
| SA5101619 | 1 | 2 | 12 | 8 | 0.25 | 7.6 | 0.4 | 0.25 | 0.6 | 0.66 | 0.5 | 0.03 | 9 | 9.9 | 0.4 | 79.6 | 0.025 | 0.13 | 89 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | 4 | 11 | 19 | 21 | 0.25 | 17.5 | 1.6 | 0.6 | 0.8 | 0.91 | 2 | 0.36 | 21 | 22.1 | 4.0 | 56.0 | 0.11 | 0.35 | 135 | 0.5 |
| SA5101621 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101622 | 1 | 4 | 5 | 9 | 0.25 | 6.2 | 0.8 | 0.25 | 0.6 | 0.59 | 0.5 | 0.08 | 12 | 14.1 | 2.5 | 32.5 | 0.025 | 0.20 | 52 | 0.5 |
| SA5101623 | 1 | 1 | 5 | 4 | 0.25 | 7.4 | 0.05 | 0.25 | 0.6 | 0.59 | 0.5 | 0.03 | 3 | 3.7 | 0.3 | 69.2 | 0.025 | 0.11 | 74 | 0.5 |
| SA5101624 | 1 | 1 | 11 | 5 | 0.25 | 4.9 | 0.2 | 0.25 | 0.4 | 0.35 | 0.5 | 0.05 | 5 | 5.5 | 1.1 | 52.4 | 0.025 | 0.12 | 48 | 0.5 |
| SA5101625 | 6 | 7 | 20 | 13 | 0.25 | 8.5 | 1.0 | 0.25 | 0.9 | 1.12 | 0.5 | 0.11 | 16 | 19.4 | 3.7 | 34.3 | 0.08 | 0.22 | 104 | 0.5 |
| SA5101626 | 1 | 2 | 16 | 7 | 0.25 | 7.8 | 0.2 | 0.9 | 0.9 | 0.91 | 0.5 | 0.03 | 5 | 6.6 | 0.5 | 46.1 | 0.025 | 0.08 | 57 | 0.5 |
| SA5101627 | 3 | 3 | 5 | 13 | 0.25 | 4.3 | 0.8 | 0.25 | 0.3 | 0.25 | 0.5 | 0.07 | 17 | 20.7 | 2.1 | 37.8 | 0.025 | 0.16 | 42 | 3.0 |
| SA5101628 | 3 | 4 | 5 | 11 | 0.25 | 14.5 | 0.8 | 0.6 | 0.3 | 0.30 | 0.5 | 0.10 | 17 | 18.7 | 2.5 | 42.1 | 0.025 | 0.19 | 61 | 2.0 |
| SA5101629 | 5 | 8 | 14 | 20 | 0.25 | 9.6 | 2.3 | 0.25 | 0.9 | 0.97 | 1 | 0.21 | 32 | 33.2 | 5.4 | 31.7 | 0.12 | 0.36 | 114 | 0.5 |
| SA5101630 | 6 | 7 | 16 | 17 | 0.25 | 5.7 | 1.0 | 0.6 | 0.6 | 0.62 | 0.5 | 0.15 | 21 | 22.1 | 4.2 | 32.8 | 0.025 | 0.26 | 113 | 2.0 |
| SA5101631 | 10 | 11 | 21 | 27 | 0.60 | 7.5 | 2.5 | 0.25 | 1.5 | 1.58 | 3 | 0.42 | 31 | 32.9 | 8.4 | 29.2 | 0.12 | 0.53 | 323 | 0.5 |
| SA5101632 | 4 | 5 | 5 | 19 | 0.25 | 8.8 | 1.7 | 0.25 | 0.5 | 0.48 | 1 | 0.23 | 33 | 35.9 | 2.8 | 45.5 | 0.06 | 0.36 | 104 | 0.5 |
| SA5101633 | 3 | 4 | 18 | 18 | 0.25 | 9.2 | 1.7 | 1.3 | 0.8 | 0.77 | 2 | 0.26 | 28 | 28.0 | 3.4 | 58.8 | 0.12 | 0.29 | 117 | 0.5 |
| SA5101634 | 8 | 9 | 19 | 20 | 0.25 | 4.6 | 2.2 | 0.25 | 0.9 | 1.00 | 1 | 0.16 | 29 | 30.5 | 3.7 | 27.2 | 0.09 | 0.28 | 215 | 0.5 |
| SA5101635 | 3 | 4 | 5 | 12 | 0.25 | 4.0 | 2.1 | 0.25 | 0.6 | 0.53 | 1 | 0.15 | 31 | 35.4 | 3.3 | 22.7 | 0.11 | 0.26 | 78 | 0.5 |
| SA5101636 | 10 | 13 | 29 | 26 | 0.25 | 7.3 | 3.5 | 0.25 | 1.7 | 2.00 | 3 | 0.52 | 38 | 46.1 | 6.7 | 24.1 | 0.21 | 0.59 | 386 | 0.5 |
| SA5101637 | 10 | 11 | 21 | 23 | 0.25 | 6.9 | 2.7 | 1.1 | 1.4 | 1.66 | 4 | 0.38 | 34 | 37.8 | 6.8 | 30.3 | 0.12 | 0.58 | 236 | 0.5 |
| SA5101638 | 1 | 3 | 5 | 7 | 0.25 | 4.7 | 1.9 | 1.1 | 0.4 | 0.29 | 0.5 | 0.07 | 27 | 30.4 | 1.5 | 31.0 | 0.07 | 0.16 | 42 | 0.5 |
| SA5101639 | 12 | 17 | 16 | 32 | 0.25 | 13.3 | 7.1 | 2.3 | 2.1 | 2.66 | 6 | 0.61 | 77 | 81.4 | 10.7 | 22.5 | 0.38 | 0.76 | 469 | 0.5 |
| SA5101640 | 4 | 4 | 5 | 9 | 0.25 | 4.1 | 1.0 | 0.25 | 0.3 | 0.27 | 0.5 | 0.09 | 13 | 16.7 | 1.6 | 37.1 | 0.09 | 0.18 | 56 | 0.5 |
| SA5101641 | 1 | 1 | 5 | 24 | 0.25 | 9.3 | 3.6 | 0.25 | 0.2 | 0.13 | 0.5 | 0.04 | 49 | 58.3 | 1.7 | 15.1 | 0.18 | 0.13 | 18 | 0.5 |
| SA5101642 | 3 | 4 | 5 | 9 | 0.25 | 8.7 | 3.2 | 1.2 | 0.3 | 0.35 | 0.5 | 0.07 | 43 | 50.1 | 2.0 | 40.3 | 0.17 | 0.16 | 42 | 0.5 |
| SA5101643 | 1 | 2 | 5 | 6 | 0.25 | 11.3 | 0.7 | 1 | 0.3 | 0.36 | 0.5 | 0.08 | 11 | 12.8 | 0.6 | 89.8 | 0.05 | 0.12 | 52 | 0.5 |
| SA5101644 | 7 | 9 | 27 | 22 | 0.25 | 9.7 | 6.4 | 0.25 | 1.3 | 1.65 | 3 | 0.39 | 77 | 88.3 | 5.3 | 25.9 | 0.32 | 0.41 | 196 | 3.0 |
| SA5101645 | 1 | 4 | 5 | 10 | 0.25 | 6.4 | 2.3 | 0.25 | 0.05 | 0.19 | 0.5 | 0.05 | 24 | 32.4 | 1.1 | 28.4 | 0.13 | 0.14 | 37 | 0.5 |
| SA5101646 | 11 | 12 | 33 | 31 | 0.25 | 6.6 | 5.0 | 1.7 | 2.6 | 2.99 | 6 | 0.95 | 52 | 57.7 | 7.0 | 17.2 | 0.4 | 0.63 | 468 | 0.5 |
| SA5101647 | 5 | 5 | 5 | 12 | 0.25 | 8.0 | 3.4 | 0.9 | 0.3 | 0.31 | 0.5 | 0.06 | 40 | 47.1 | 1.6 | 39.9 | 0.24 | 0.15 | 45 | 0.5 |
| SA5101648 | 2 | 2 | 13 | 13 | 0.25 | 3.6 | 2.0 | 0.25 | 0.2 | 0.18 | 0.5 | 0.07 | 22 | 27.7 | 2.0 | 24.0 | 0.17 | 0.13 | 29 | 0.5 |
| SA5101649 | 1 | 2 | 5 | 14 | 0.25 | 3.7 | 1.5 | 0.25 | 0.1 | 0.18 | 0.5 | 0.10 | 20 | 25.7 | 2.4 | 26.4 | 0.17 | 0.15 | 30 | 0.5 |
| SA5101650 | 2 | 3 | 11 | 11 | 0.25 | 3.2 | 2.2 | 0.6 | 0.5 | 0.53 | 0.5 | 0.11 | 25 | 30.5 | 2.7 | 25.4 | 0.19 | 0.16 | 62 | 0.5 |
| SA5101651 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101652 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101653 | 9 | 10 | 5 | 17 | 0.25 | 9.0 | 5.7 | 1.2 | 1.1 | 1.35 | 2 | 0.21 | 69 | 81.6 | 4.7 | 37.6 | 0.51 | 0.31 | 278 | 0.5 |
| SA5101654 | 5 | 4 | 17 | 16 | 0.25 | 4.1 | 2.9 | 1.1 | 0.5 | 0.54 | 0.5 | 0.17 | 32 | 40.5 | 3.2 | 30.3 | 0.2 | 0.24 | 105 | 0.5 |
| SA5101655 | 11 | 12 | 22 | 25 | 0.25 | 5.5 | 5.3 | 1.3 | 1.6 | 1.89 | 6 | 0.69 | 54 | 61.3 | 7.4 | 21.4 | 0.48 | 0.54 | 524 | 0.5 |
| SA5101656 | 4 | 4 | 17 | 12 | 0.25 | 7.3 | 3.8 | 0.25 | 0.4 | 0.48 | 0.5 | 0.06 | 41 | 49.1 | 1.7 | 29.8 | 0.22 | 0.15 | 95 | 0.5 |
| SA5101657 | 1 | 2 | 5 | 7 | 0.25 | 5.3 | 2.7 | 0.25 | 0.1 | 0.11 | 0.5 | 0.05 | 24 | 32.1 | 1.7 | 28.5 | 0.2 | 0.14 | 21 | 0.5 |
| SA5101658 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101659 | 4 | 4 | 13 | 13 | 0.25 | 4.3 | 3.2 | 0.6 | 0.4 | 0.51 | 0.5 | 0.17 | 37 | 45.7 | 3.0 | 28.1 | 0.18 | 0.23 | 83 | 0.5 |
| SA5101660 | 1 | 2 | 5 | 8 | 0.25 | 11.7 | 3.1 | 0.5 | 0.2 | 0.18 | 0.5 | 0.13 | 33 | 37.8 | 1.5 | 72.1 | 0.31 | 0.12 | 37 | 0.5 |
| SA5101661 | 3 | 2 | 11 | 9 | 0.60 | 12.7 | 3.8 | 0.8 | 0.2 | 0.21 | 0.5 | 0.12 | 42 | 44.4 | 1.5 | 71.1 | 0.32 | 0.11 | 39 | 0.5 |
| SA5101662 | 6 | 5 | 13 | 12 | 0.25 | 11.0 | 4.7 | 1.1 | 0.4 | 0.53 | 0.5 | 0.09 | 54 | 61.4 | 2.5 | 37.5 | 0.35 | 0.21 | 69 | 0.5 |
| SA5101663 | 5 | 4 | 10 | 11 | 0.25 | 10.1 | 4.1 | 1.1 | 0.5 | 0.49 | 0.5 | 0.09 | 48 | 55.3 | 2.3 | 39.2 | 0.29 | 0.20 | 78 | 0.5 |
| SA5101664 | 1 | 1 | 5 | 3 | 0.25 | 3.5 | 0.9 | 0.25 | 0.1 | 0.15 | 0.5 | 0.03 | 13 | 15.3 | 0.3 | 37.8 | 0.11 | 0.09 | 20 | 0.5 |
| SA5101665 | 1 | 1 | 5 | 4 | 0.25 | 7.8 | 2.7 | 0.6 | 0.2 | 0.17 | 0.5 | 0.03 | 27 | 33.6 | 0.4 | 74.1 | 0.22 | 0.09 | 29 | 0.5 |
| SA5101666 | 6 | 6 | 14 | 13 | 0.25 | 6.5 | 7.5 | 1.1 | 1.1 | 1.27 | 0.5 | 0.10 | 80 | 94.3 | 3.0 | 32.3 | 0.5 | 0.20 | 118 | 0.5 |
| SA5101667 | 4 | 6 | 26 | 22 | 0.25 | 4.9 | 1.7 | 1.1 | 0.9 | 1.04 | 5 | 0.63 | 16 | 18.8 | 6.1 | 36.1 | 0.23 | 0.53 | 223 | 0.5 |
| SA5101668 | 1 | 3 | 10 | 8 | 0.25 | 4.2 | 1.3 | 0.25 | 0.3 | 0.39 | 2 | 0.20 | 15 | 20.7 | 2.2 | 25.5 | 0.17 | 0.23 | 70 | 0.5 |
| SA5101669 | 4 | 4 | 17 | 13 | 0.25 | 8.3 | 2.8 | 0.9 | 0.2 | 0.23 | 0.5 | 0.06 | 31 | 38.4 | 1.7 | 36.4 | 0.22 | 0.15 | 35 | 0.5 |
| SA5101670 | 1 | 2 | 5 | 8 | 0.25 | 5.7 | 2.3 | 0.25 | 0.2 | 0.28 | 0.5 | 0.08 | 24 | 29.1 | 1.8 | 33.1 | 0.18 | 0.18 | 46 | 0.5 |
| SA5101671 | 3 | 2 | 5 | 8 | 0.25 | 12.5 | 3.0 | 0.7 | 0.2 | 0.16 | 0.5 | 0.12 | 34 | 37.4 | 1.5 | 71.4 | 0.39 | 0.12 | 38 | 0.5 |
| SA5101672 | 3 | 4 | 5 | 9 | 0.25 | 8.6 | 4.3 | 1.1 | 0.3 | 0.29 | 0.5 | 0.04 | 50 | 56.4 | 1.1 | 36.2 | 0.33 | 0.15 | 41 | 0.5 |
| SA5101673 | 8 | 8 | 25 | 21 | 0.25 | 8.5 | 5.6 | 0.9 | 1.1 | 1.29 | 2 | 0.29 | 60 | 68.4 | 4.6 | 32.8 | 0.46 | 0.40 | 178 | 0.5 |
| SA5101674 | 7 | 6 | 44 | 45 | 0.25 | 36.4 | 15.4 | 2.1 | 0.5 | 0.57 | 0.5 | 0.14 | 152 | 188.2 | 4.9 | 15.1 | 0.87 | 0.24 | 86 | 0.5 |
| SA5101675 | 3 | 3 | 18 | 15 | 0.25 | 6.3 | 2.7 | 0.25 | 0.4 | 0.50 | 1 | 0.16 | 33 | 38.8 | 3.1 | 37.3 | 0.31 | 0.25 | 72 | 0.5 |
| SA5101676 | 3 | 5 | 24 | 18 | 0.25 | 11.9 | 2.2 | 1.5 | 0.7 | 0.77 | 4 | 0.51 | 20 | 23.8 | 4.8 | 26.0 | 0.26 | 0.42 | 163 | 0.5 |
| SA5101677 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101678 | 11 | 10 | 28 | 23 | 0.25 | 16.9 | 2.2 | 0.7 | 8.4 | 9.72 | 0.5 | 0.16 | 26 | 30.4 | 2.4 | 55.1 | 0.3 | 0.28 | 281 | 0.5 |
| SA5101679 | 2 | 2 | 5 | 22 | 0.25 | 3.8 | 0.05 | 0.25 | 0.8 | 0.87 | 0.5 | 0.04 | 4 | 4.6 | 0.4 | 73.3 | 0.025 | 0.17 | 58 | 0.5 |
| SA5101680 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | 4 | 3 | 5 | 8 | 0.25 | 5.8 | 2.0 | 0.25 | 0.2 | 0.25 | 0.5 | 0.04 | 23 | 26.4 | 1.4 | 36.6 | 0.19 | 0.14 | 38 | 0.5 |
| SA5101682 | 2 | 3 | 5 | 10 | 0.25 | 5.4 | 0.8 | 0.25 | 0.3 | 0.30 | 0.5 | 0.08 | 12 | 14.9 | 2.0 | 29.0 | 0.15 | 0.16 | 43 | 0.5 |
| SA5101683 | 6 | 7 | 12 | 14 | 0.25 | 5.2 | 1.4 | 0.6 | 0.8 | 0.90 | 0.5 | 0.08 | 20 | 23.2 | 2.1 | 36.8 | 0.11 | 0.18 | 159 | 0.5 |
| SA5101684 | 5 | 6 | 13 | 13 | 0.25 | 5.0 | 1.2 | 0.25 | 0.6 | 0.76 | 0.5 | 0.08 | 18 | 21.7 | 2.0 | 37.3 | 0.09 | 0.19 | 132 | 0.5 |
| SA5101685 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101686 | 2 | 2 | 5 | 9 | 0.25 | 7.3 | 1.3 | 0.25 | 0.2 | 0.17 | 0.5 | 0.06 | 14 | 18.6 | 1.7 | | 0.14 | 0.13 | 28 | 0.5 |
| SA5101687 | 2 | 2 | 5 | 12 | 0.25 | 3.2 | 0.7 | 0.25 | 0.2 | 0.20 | 0.5 | 0.05 | 11 | 14.1 | 2.4 | 26.1 | 0.025 | 0.14 | 26 | 0.5 |
| SA5101688 | 4 | 4 | 15 | 16 | 0.25 | 4.3 | 1.0 | 0.25 | 0.4 | 0.42 | 0.5 | 0.10 | 16 | 19.6 | 4.0 | 30.9 | 0.12 | 0.20 | 55 | 0.5 |
| SA5101689 | 4 | 4 | 14 | 18 | 0.25 | 5.4 | 1.0 | 0.25 | 0.5 | 0.70 | 0.5 | 0.11 | 14 | 18.3 | 4.2 | 32.6 | 0.025 | 0.22 | 58 | 0.5 |
| SA5101690 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101691 | 1 | 1 | 5 | 3 | 0.25 | 7.7 | 0.05 | 0.25 | 0.05 | 0.07 | 0.5 | 0.03 | 5 | 7.7 | 0.1 | 54.7 | 0.06 | 0.09 | 16 | 0.5 |
| SA5101692 | 3 | 3 | 5 | 8 | 0.25 | 7.0 | 0.8 | 0.25 | 0.3 | 0.40 | 0.5 | 0.04 | 14 | 16.7 | 0.8 | 33.6 | 0.06 | 0.12 | 44 | 0.5 |
| SA5101693 | 1 | 1 | 5 | 10 | 0.25 | 16.2 | 0.8 | 0.25 | 0.2 | 0.20 | 0.5 | 0.08 | 10 | 12.0 | 0.6 | 92.5 | 0.11 | 0.11 | 35 | 0.5 |
| SA5101694 | 4 | 3 | 15 | 10 | 0.25 | 14.6 | 0.7 | 0.25 | 0.8 | 0.80 | 0.5 | 0.07 | 14 | 14.8 | 1.1 | 61.7 | 0.14 | 0.12 | 45 | 0.5 |
| SA5101695 | 7 | 6 | 15 | 13 | 0.25 | 6.2 | 0.8 | 0.6 | 1.8 | 2.01 | 0.5 | 0.07 | 14 | 15.6 | 3.5 | 30.5 | 0.11 | 0.19 | 72 | 0.5 |
| SA5101696 | 8 | 9 | 13 | 16 | 0.25 | 5.4 | 0.9 | 0.25 | 1.1 | 1.27 | 0.5 | 0.13 | 16 | 19.4 | 3.9 | 26.9 | 0.14 | 0.24 | 122 | 0.5 |
| SA5101697 | 5 | 5 | 5 | 10 | 0.25 | 6.5 | 0.6 | 0.25 | 1.6 | 1.80 | 0.5 | 0.10 | 14 | 16.0 | 3.6 | 32.5 | 0.14 | 0.26 | 68 | 0.5 |
| SA5101698 | 5 | 6 | 16 | 18 | 0.25 | 8.1 | 1.3 | 0.25 | 1 | 1.05 | 0.5 | 0.15 | 19 | 23.3 | 6.0 | 29.3 | 0.16 | 0.31 | 96 | 0.5 |
| SA5101699 | 4 | 3 | 5 | 5 | 0.25 | 4.7 | 0.05 | 0.25 | 0.7 | 0.91 | 0.5 | 0.05 | 4 | 5.2 | 0.7 | 43.0 | 0.025 | 0.10 | 36 | 2.0 |
| SA5101700 | 1 | 1 | 5 | 4 | 0.25 | 4.7 | 0.05 | 0.25 | 0.1 | 0.15 | 0.5 | 0.04 | 3 | 4.7 | 0.8 | 22.5 | 0.025 | 0.07 | 21 | 0.5 |
| SA5101701 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101702 | 1 | 1 | 5 | 4 | 0.25 | 2.4 | 0.1 | 0.25 | 0.4 | 0.50 | 0.5 | 0.03 | 3 | 4.6 | 0.7 | 83.0 | 0.025 | 0.30 | 56 | 0.5 |
| SA5101703 | 5 | 5 | 5 | 9 | 0.25 | 7.2 | 0.8 | 0.25 | 0.6 | 0.71 | 0.5 | 0.06 | 12 | 14.2 | 1.4 | 38.9 | 0.025 | 0.15 | 78 | 0.5 |
| SA5101704 | 7 | 8 | 19 | 18 | 0.25 | 6.0 | 0.7 | 0.25 | 0.9 | 1.06 | 0.5 | 0.13 | 15 | 17.6 | 4.0 | 36.4 | 0.09 | 0.25 | 139 | 0.5 |
| SA5101705 | 3 | 3 | 5 | 11 | 0.25 | 7.8 | 0.8 | 0.25 | 0.6 | 0.71 | 0.5 | 0.07 | 16 | 17.9 | 2.2 | 42.2 | 0.09 | 0.20 | 80 | 0.5 |
| SA5101706 | 1 | 1 | 5 | 4 | 0.25 | 5.6 | 0.05 | 0.25 | 0.6 | 0.67 | 0.5 | 0.03 | 4 | 4.9 | 0.3 | 81.1 | 0.025 | 0.11 | 62 | 0.5 |
| SA5101707 | 6 | 5 | 15 | 13 | 0.25 | 11.7 | 2.5 | 0.9 | 0.5 | 0.56 | 0.5 | 0.09 | 34 | 38.7 | 2.0 | 32.5 | 0.17 | 0.22 | 117 | 0.5 |
| SA5101708 | 5 | 4 | 5 | 11 | 0.25 | 10.8 | 0.5 | 0.25 | 0.9 | 0.97 | 0.5 | 0.08 | 9 | 8.9 | 1.0 | 61.3 | 0.025 | 0.13 | 52 | 0.5 |
| SA5101709 | 7 | 7 | 13 | 12 | 0.25 | 8.9 | 1.4 | 0.9 | 0.7 | 0.77 | 0.5 | 0.07 | 20 | 23.8 | 1.4 | 42.7 | 0.12 | 0.23 | 65 | 0.5 |
| SA5101710 | 3 | 3 | 14 | 17 | 0.25 | 4.5 | 0.8 | 0.25 | 0.6 | 0.71 | 0.5 | 0.14 | 11 | 14.3 | 2.1 | 31.1 | 0.1 | 0.29 | 81 | 0.5 |
| SA5101711 | 15 | 17 | 51 | 62 | 0.50 | 20.5 | 3.9 | 1.2 | 3.3 | 3.82 | 5 | 0.66 | 44 | 51.3 | 18.0 | 15.0 | 0.36 | 0.97 | 415 | 0.5 |
| SA5101712 | 3 | 3 | 5 | 4 | 0.25 | 3.1 | 0.2 | 0.25 | 0.5 | 0.51 | 0.5 | 0.03 | 5 | 5.6 | 0.05 | 32.2 | 0.025 | 0.12 | 69 | 0.5 |
| SA5101713 | 6 | 7 | 5 | 9 | 0.25 | 8.3 | 1.3 | 0.6 | 0.3 | 0.39 | 0.5 | 0.05 | 19 | 23.7 | 0.7 | 36.3 | 0.12 | 0.17 | 97 | 0.5 |
| SA5101714 | 7 | 7 | 16 | 19 | 0.25 | 4.4 | 1.3 | 0.7 | 1.2 | 1.28 | 2 | 0.21 | 17 | 18.8 | 5.2 | 28.5 | 0.15 | 0.45 | 210 | 0.5 |
| SA5101715 | 5 | 6 | 5 | 13 | 0.25 | 9.2 | 1.8 | 0.25 | 0.9 | 1.07 | 0.5 | 0.10 | 24 | 30.3 | 2.4 | 27.5 | 0.15 | 0.22 | 98 | 0.5 |
| SA5101716 | 2 | 2 | 18 | 21 | 0.25 | 12.7 | 0.7 | 0.25 | 0.3 | 0.37 | 0.5 | 0.09 | 13 | 15.9 | 2.9 | 16.6 | 0.025 | 0.15 | 37 | 0.5 |
| SA5101717 | 1 | 3 | 5 | 12 | 0.25 | 7.5 | 0.5 | 0.25 | 0.3 | 0.41 | 1 | 0.17 | 12 | 13.6 | 0.9 | 46.7 | 0.025 | 0.25 | 84 | 0.5 |
| SA5101718 | 1 | 2 | 5 | 7 | 0.25 | 6.2 | 0.4 | 0.25 | 0.2 | 0.27 | 0.5 | 0.04 | 9 | 11.1 | 0.5 | 39.5 | 0.08 | 0.12 | 28 | 0.5 |
| SA5101719 | 4 | 4 | 5 | 13 | 0.25 | 10.7 | 1.8 | 0.7 | 0.5 | 0.52 | 0.5 | 0.10 | 20 | 24.9 | 2.5 | 32.3 | 0.025 | 0.21 | 67 | 0.5 |
| SA5101720 | 9 | 10 | 15 | 21 | 0.25 | 7.0 | 1.5 | 0.6 | 1 | 1.24 | 2 | 0.24 | 16 | 21.8 | 4.7 | 37.5 | 0.2 | 0.41 | 257 | 0.5 |
| SA5101721 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101722 | 3 | 2 | 5 | 4 | 0.25 | 4.8 | 0.2 | 0.25 | 0.2 | 0.26 | 0.5 | 0.07 | 5 | 7.1 | 0.05 | 34.3 | 0.025 | 0.10 | 39 | 0.5 |
| SA5101723 | 7 | 7 | 18 | 18 | 0.25 | 6.2 | 1.6 | 0.8 | 1.1 | 1.32 | 1 | 0.27 | 22 | 24.9 | 4.3 | 34.5 | 0.13 | 0.36 | 182 | 0.5 |
| SA5101724 | 3 | 4 | 17 | 16 | 0.25 | 6.8 | 0.9 | 0.25 | 0.4 | 0.46 | 1 | 0.20 | 12 | 13.2 | 3.4 | 51.1 | 0.12 | 0.27 | 89 | 0.5 |
| SA5101725 | 1 | 1 | 5 | 8 | 0.25 | 4.1 | 0.5 | 0.25 | 0.3 | 0.27 | 0.5 | 0.03 | 7 | 8.8 | 0.1 | 55.1 | 0.06 | 0.16 | 27 | 0.5 |
| SA5101726 | 2 | 2 | 5 | 3 | 0.25 | 4.7 | 1.0 | 0.25 | 0.05 | 0.07 | 0.5 | 0.03 | 10 | 12.0 | 0.05 | 26.9 | 0.08 | 0.07 | 17 | 0.5 |
| SA5101727 | 1 | 2 | 5 | 5 | 0.25 | 3.3 | 0.3 | 0.25 | 0.3 | 0.34 | 0.5 | 0.03 | 8 | 8.3 | 0.3 | 23.5 | 0.025 | 0.07 | 30 | 0.5 |
| SA5101728 | 8 | 9 | 24 | 21 | 0.25 | 6.6 | 2.2 | 0.25 | 1.2 | 1.33 | 2 | 0.27 | 30 | 36.3 | 5.0 | 30.9 | 0.19 | 0.36 | 245 | 0.5 |
| SA5101729 | 1 | 1 | 5 | 4 | 0.25 | 3.7 | 1.0 | 0.6 | 0.1 | 0.13 | 0.5 | 0.05 | 9 | 13.0 | 0.3 | 26.4 | 0.025 | 0.09 | 20 | 0.5 |
| SA5101730 | 6 | 8 | 27 | 22 | 0.25 | 3.4 | 1.9 | 1.2 | 1.4 | 1.30 | 7 | 0.64 | 24 | 24.3 | 6.1 | 21.7 | 0.31 | 0.62 | 265 | 0.5 |
| SA5101731 | 12 | 13 | 30 | 30 | 0.25 | 7.4 | 3.4 | 1.4 | 1.8 | 1.91 | 6 | 0.68 | 43 | 43.3 | 8.2 | 18.1 | 0.44 | 0.73 | 330 | 0.5 |
| SA5101732 | 4 | 7 | 31 | 24 | 0.25 | 11.9 | 1.7 | 0.6 | 1 | 1.00 | 9 | 0.97 | 20 | 18.2 | 4.3 | 36.2 | 0.28 | 0.52 | 234 | 0.5 |
| SA5101733 | 1 | 2 | 5 | 6 | 0.25 | 4.8 | 1.4 | 0.25 | 0.2 | 0.19 | 0.5 | 0.09 | 14 | 17.7 | 1.1 | 26.1 | 0.14 | 0.14 | 34 | 0.5 |
| SA5101734 | 1 | 2 | 5 | 8 | 0.25 | 7.7 | 1.2 | 0.25 | 0.2 | 0.30 | 0.5 | 0.10 | 17 | 21.7 | 1.3 | 35.5 | 0.09 | 0.16 | 40 | 0.5 |
| SA5101735 | 1 | 2 | 13 | 9 | 0.25 | 16.1 | 1.1 | 0.25 | 0.2 | 0.19 | 1 | 0.15 | 14 | 15.3 | 0.8 | 72.9 | 0.09 | 0.13 | 45 | 0.5 |
| SA5101736 | 4 | 4 | 5 | 11 | 0.25 | 15.9 | 2.2 | 0.6 | 0.6 | 0.69 | 0.5 | 0.05 | 31 | 35.6 | 0.5 | 43.0 | 0.31 | 0.15 | 85 | 0.5 |
| SA5101737 | 1 | 2 | 5 | 6 | 0.25 | 3.1 | 0.5 | 0.25 | 0.2 | 0.28 | 0.5 | 0.12 | 9 | 10.7 | 0.9 | 26.3 | 0.025 | 0.15 | 46 | 0.5 |
| SA5101738 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101739 | 3 | 4 | 5 | 10 | 0.25 | 10.8 | 2.2 | 1.1 | 0.4 | 0.41 | 0.5 | 0.11 | 27 | 34.3 | 1.4 | 43.4 | 0.16 | 0.17 | 65 | 0.5 |
| SA5101740 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101741 | 1 | 2 | 5 | 8 | 0.25 | 17.7 | 0.8 | 0.25 | 0.1 | 0.16 | 0.5 | 0.10 | 10 | 13.0 | 0.2 | 74.4 | 0.025 | 0.10 | 41 | 0.5 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | 6 | 7 | 35 | 26 | 0.25 | 11.9 | 3.4 | 1.4 | 1.1 | 1.19 | 6 | 0.67 | 41 | 41.4 | 5.9 | 37.7 | 0.34 | 0.56 | 229 | 0.5 |
| SA5101743 | 1 | 2 | 5 | 9 | 0.25 | 14.2 | 1.3 | 0.5 | 0.3 | 0.30 | 0.5 | 0.10 | 13 | 16.9 | 0.4 | 57.2 | 0.08 | 0.10 | 36 | 0.5 |
| SA5101744 | 4 | 5 | 12 | 14 | 0.25 | 6.8 | 1.2 | 0.25 | 0.6 | 0.63 | 2 | 0.19 | 15 | 16.7 | 4.0 | 31.5 | 0.12 | 0.31 | 98 | 0.5 |
| SA5101745 | 7 | 7 | 25 | 21 | 0.25 | 6.4 | 1.5 | 0.7 | 1.8 | 1.89 | 0.5 | 0.12 | 23 | 24.2 | 2.3 | 32.7 | 0.14 | 0.23 | 184 | 0.5 |
| SA5101746 | 4 | 6 | 15 | 24 | 0.25 | 11.8 | 1.5 | 0.6 | 0.9 | 1.00 | 4 | 0.58 | 18 | 18.6 | 4.8 | 52.8 | 0.21 | 0.48 | 194 | 0.5 |
| SA5101747 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101748 | 10 | 13 | 34 | 35 | 0.25 | 8.3 | 2.3 | 0.9 | 2.3 | 2.53 | 4 | 0.49 | 28 | 28.6 | 11.1 | 19.5 | 0.32 | 0.79 | 558 | 0.5 |
| SA5101749 | 4 | 4 | 11 | 12 | 0.25 | 4.6 | 1.0 | 0.7 | 0.5 | 0.52 | 0.5 | 0.09 | 14 | 17.5 | 2.5 | 26.9 | 0.13 | 0.19 | 62 | 0.5 |
| SA5101750 | 3 | 6 | 5 | 18 | 0.25 | 8.4 | 1.0 | 0.8 | 0.7 | 1.06 | 2 | 0.63 | 10 | 13.7 | 5.1 | 34.9 | 0.19 | 0.61 | 231 | 0.5 |
| SA5101751 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101752 | 4 | 4 | 11 | 15 | 0.25 | 4.5 | 1.2 | 0.25 | 0.4 | 0.52 | 0.5 | 0.10 | 13 | 16.8 | 2.0 | 30.3 | 0.025 | 0.20 | 60 | 0.5 |
| SA5101753 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101754 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101755 | 4 | 4 | 5 | 8 | 0.25 | 8.7 | 1.9 | 0.25 | 0.5 | 0.50 | 0.5 | 0.04 | 22 | 26.6 | 0.8 | 32.9 | 0.17 | 0.15 | 60 | 0.5 |
| SA5101756 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101757 | 5 | 5 | 10 | 19 | 0.25 | 12.9 | 5.3 | 1.4 | 0.8 | 1.05 | 1 | 0.20 | 60 | 70.4 | 3.0 | 60.2 | 0.37 | 0.29 | 190 | 0.5 |
| SA5101758 | 15 | 16 | 5 | 12 | 0.25 | 10.6 | 0.4 | 0.25 | 1.3 | 1.60 | 0.5 | 0.07 | 6 | 8.0 | 1.5 | 38.1 | 0.07 | 0.21 | 109 | 0.5 |
| SA5101759 | 10 | 10 | 19 | 19 | 0.25 | 9.7 | 1.1 | 0.7 | 2.7 | 2.89 | 2 | 0.48 | 15 | 14.7 | 3.9 | 41.5 | 0.2 | 0.48 | 200 | 0.5 |
| SA5101760 | 4 | 4 | 5 | 11 | 0.25 | 5.7 | 0.2 | 0.25 | 1 | 1.07 | 0.5 | 0.12 | 5 | 6.0 | 0.8 | 80.9 | 0.07 | 0.26 | 121 | 0.5 |
| SA5101761 | 12 | 15 | 41 | 31 | 0.25 | 9.8 | 2.3 | 1.3 | 3.5 | 3.31 | 10 | 1.00 | 26 | 21.3 | 8.2 | 26.0 | 0.39 | 0.88 | 388 | 0.5 |
| SA5101762 | 6 | 6 | 5 | 6 | 0.25 | 7.7 | 0.5 | 0.25 | 0.5 | 0.54 | 0.5 | 0.03 | 3 | 4.6 | 0.2 | 53.7 | 0.025 | 0.17 | 65 | 0.5 |
| SA5101763 | 10 | 10 | 15 | 16 | 0.25 | 11.9 | 0.7 | 0.25 | 5.4 | 6.26 | 0.5 | 0.06 | 9 | 10.1 | 0.9 | 56.8 | 0.025 | 0.23 | 465 | 0.5 |
| SA5101764 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101765 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101766 | 11 | 12 | 78 | 83 | 0.25 | 17.6 | 3.9 | 0.5 | 2.3 | 2.83 | 2 | 0.47 | 42 | 50.3 | 12.7 | 31.9 | 0.5 | 0.58 | 247 | 0.5 |
| SA5101767 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101768 | 6 | 7 | 18 | 16 | 0.25 | 16.5 | 6.6 | 0.8 | 0.7 | 0.89 | 0.5 | 0.21 | 67 | 83.0 | 9.2 | 36.8 | 0.73 | 0.29 | 130 | 0.5 |
| SA5101769 | 7 | 7 | 5 | 13 | 0.25 | 15.2 | 5.1 | 1 | 0.8 | 1.01 | 0.5 | 0.13 | 52 | 58.6 | 5.1 | 39.4 | 0.53 | 0.20 | 108 | 0.5 |
| SA5101770 | 3 | 2 | 5 | 9 | 0.25 | 13.2 | 3.1 | 0.25 | 1.9 | 2.01 | 0.5 | 0.05 | 31 | 34.5 | 1.0 | 70.7 | 0.41 | 0.11 | 82 | 0.5 |
| SA5101771 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101772 | 1 | 3 | 5 | 9 | 0.25 | 16.6 | 4.2 | 0.6 | 0.8 | 0.98 | 0.5 | 0.07 | 36 | 42.0 | 2.7 | 68.7 | 0.53 | 0.11 | 59 | 0.5 |
| SA5101773 | 1 | 3 | 5 | 9 | 0.25 | 14.2 | 1.2 | 0.5 | 0.5 | 0.53 | 0.5 | 0.08 | 13 | 14.8 | 1.8 | 52.3 | 0.07 | 0.11 | 38 | 0.5 |
| SA5101774 | 1 | 2 | 5 | 6 | 0.25 | 11.2 | 0.7 | 0.25 | 0.5 | 0.55 | 0.5 | 0.03 | 9 | 11.1 | 0.4 | 68.1 | 0.11 | 0.08 | 39 | 0.5 |
| SA5101775 | 6 | 7 | 15 | 16 | 0.25 | 21.6 | 4.8 | 0.9 | 1.2 | 1.42 | 0.5 | 0.13 | 50 | 59.6 | 7.9 | 45.6 | 0.51 | 0.26 | 130 | 0.5 |
| SA5101776 | 4 | 4 | 5 | 15 | 0.25 | 22.2 | 4.1 | 1.1 | 0.5 | 0.58 | 0.5 | 0.13 | 40 | 49.5 | 7.1 | 34.7 | 0.26 | 0.26 | 76 | 0.5 |
| SA5101777 | 1 | 2 | 5 | 10 | 0.25 | 15.8 | 0.7 | 0.25 | 0.6 | 0.70 | 0.5 | 0.09 | 10 | 10.9 | 0.8 | 80.8 | 0.18 | 0.09 | 52 | 0.5 |
| SA5101778 | 5 | 6 | 18 | 17 | 0.25 | 19.0 | 3.8 | 0.25 | 1.1 | 1.18 | 0.5 | 0.17 | 44 | 53.4 | 9.5 | 29.9 | 0.25 | 0.28 | 109 | 0.5 |
| SA5101779 | 9 | 10 | 28 | 25 | 0.25 | 55.6 | 10.1 | 1.5 | 1 | 1.18 | 0.5 | 0.24 | 87 | 97.1 | 14.8 | 37.8 | 0.74 | 0.38 | 164 | 0.5 |
| SA5101780 | 1 | 2 | 14 | 9 | 0.25 | 22.5 | 1.7 | 0.25 | 0.5 | 0.59 | 0.5 | 0.11 | 24 | 26.8 | 0.8 | 61.3 | 0.1 | 0.13 | 45 | 0.5 |
| SA5101781 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101782 | 3 | 3 | 5 | 11 | 0.25 | 15.9 | 1.2 | 0.25 | 0.5 | 0.58 | 0.5 | 0.17 | 21 | 24.0 | 1.8 | 56.2 | 0.12 | 0.20 | 67 | 5.0 |
| SA5101783 | 4 | 5 | 16 | 14 | 0.25 | 13.9 | 1.7 | 1.4 | 1 | 1.24 | 0.5 | 0.20 | 37 | 42.9 | 7.6 | 35.6 | 0.12 | 0.25 | 118 | 0.5 |
| SA5101784 | 5 | 5 | 12 | 9 | 0.25 | 15.5 | 2.3 | 0.25 | 0.4 | 0.45 | 0.5 | 0.11 | 32 | 36.2 | 4.7 | 34.3 | 0.09 | 0.19 | 62 | 0.5 |
| SA5101785 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101786 | 5 | 5 | 38 | 36 | 0.25 | 7.6 | 1.0 | 0.25 | 2.2 | 2.25 | 0.5 | 0.15 | 13 | 13.6 | 1.8 | 77.7 | 0.1 | 0.27 | 162 | 2.0 |
| SA5101787 | 6 | 7 | 14 | 18 | 0.25 | 15.3 | 1.0 | 0.25 | 1.5 | 1.81 | 0.5 | 0.13 | 17 | 17.7 | 2.0 | 68.0 | 0.16 | 0.29 | 161 | 0.5 |
| SA5101788 | 1 | 3 | 5 | 12 | 0.25 | 18.2 | 0.7 | 0.9 | 0.2 | 0.28 | 0.5 | 0.20 | 8 | 9.3 | 1.2 | 74.9 | 0.1 | 0.17 | 64 | 0.5 |
| SA5101789 | 8 | 8 | 5 | 10 | 0.25 | 7.0 | 0.4 | 0.25 | 4.7 | 5.63 | 0.5 | 0.10 | 5 | 5.4 | 1.2 | 50.9 | 0.025 | 0.25 | 566 | 0.5 |
| SA5101790 | 6 | 6 | 19 | 16 | 0.25 | 5.4 | 0.6 | 0.25 | 1.1 | 1.25 | 1 | 0.37 | 9 | 10.6 | 3.6 | 27.8 | 0.24 | 0.38 | 114 | 1.0 |
| SA5101791 | 2 | 2 | 5 | 5 | 0.25 | 5.9 | 0.2 | 0.25 | 0.6 | 0.81 | 0.5 | 0.03 | 4 | 5.2 | 0.3 | 77.5 | 0.025 | 0.19 | 38 | 0.5 |
| SA5101792 | 7 | 10 | 23 | 27 | 0.25 | 25.5 | 2.7 | 0.25 | 1.7 | 2.13 | 0.5 | 0.33 | 48 | 56.7 | 12.4 | 38.6 | 0.18 | 0.47 | 273 | 2.0 |
| SA5101793 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101794 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101795 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101796 | 3 | 4 | 15 | 15 | 0.25 | 11.0 | 0.8 | 0.25 | 0.5 | 0.65 | 0.5 | 0.27 | 12 | 15.3 | 6.1 | 39.9 | 0.025 | 0.27 | 61 | 1.0 |
| SA5101797 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101798 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101799 | 12 | 12 | 42 | 29 | 0.25 | 49.6 | 4.9 | 1.6 | 2.2 | 2.38 | 1 | 0.31 | 90 | 96.2 | 9.2 | 31.4 | 0.39 | 0.43 | 246 | 9.0 |
| SA5101800 | 7 | 9 | 15 | 20 | 0.25 | 12.5 | 1.1 | 0.25 | 1.8 | 2.01 | 1 | 0.21 | 17 | 19.4 | 3.4 | 63.6 | 0.11 | 0.41 | 164 | 2.0 |
| SA5101801 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101802 | 6 | 7 | 5 | 19 | 0.25 | 18.7 | 3.9 | 1.3 | 1 | 1.30 | 0.5 | 0.17 | 63 | 73.7 | 5.9 | 34.4 | 0.27 | 0.25 | 112 | 0.5 |

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | 2 | 3 | 5 | 9 | 0.25 | 11.1 | 1.4 | 0.25 | 0.6 | 0.61 | 0.5 | 0.06 | 20 | 25.1 | 0.6 | 49.7 | 0.025 | 0.13 | 77 | 2.0 |
| SA5101804 | 3 | 5 | 5 | 10 | 0.25 | 11.4 | 1.4 | 0.25 | 0.6 | 0.83 | 0.5 | 0.14 | 19 | 26.2 | 5.3 | 30.4 | 0.1 | 0.23 | 87 | 2.0 |
| SA5101805 | 4 | 5 | 15 | 11 | 0.25 | 10.9 | 1.4 | 0.25 | 0.6 | 0.88 | 0.5 | 0.14 | 21 | 26.3 | 5.1 | 34.3 | 0.12 | 0.23 | 90 | 1.0 |
| SA5101806 | 5 | 6 | 16 | 16 | 0.25 | 10.0 | 1.4 | 0.25 | 1.1 | 1.30 | 0.5 | 0.24 | 21 | 25.2 | 7.6 | 27.9 | 0.11 | 0.33 | 106 | 5.0 |
| SA5101807 | -9 | 2 | -9 | 7 | -9 | 11.6 | 0.8 | -9 | -9 | 0.15 | -9 | 0.07 | -9 | 10.0 | 0.2 | 84.1 | -9 | 0.12 | 60 | -9 |
| SA5101808 | 6 | 6 | 5 | 8 | 0.25 | 8.9 | 1.3 | 0.25 | 0.6 | 0.70 | 0.5 | 0.03 | 14 | 18.5 | 0.7 | 31.9 | 0.1 | 0.11 | 70 | 0.5 |
| SA5101809 | 4 | 5 | 5 | 6 | 0.25 | 8.0 | 1.0 | 0.5 | 0.6 | 0.83 | 0.5 | 0.02 | 12 | 14.0 | 0.1 | 42.4 | 0.1 | 0.10 | 72 | 0.5 |
| SA5101810 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101811 | 7 | 9 | 20 | 22 | 0.25 | 12.0 | 0.9 | 0.25 | 1 | 1.32 | 0.5 | 0.35 | 17 | 21.5 | 12.3 | 28.1 | 0.09 | 0.45 | 156 | 0.5 |
| SA5101812 | 5 | 6 | 23 | 16 | 0.25 | 15.9 | 1.3 | 0.25 | 1.3 | 1.51 | 0.5 | 0.13 | 22 | 26.3 | 3.6 | 49.3 | 0.08 | 0.21 | 117 | 2.0 |
| SA5101813 | 6 | 6 | 15 | 17 | 0.25 | 15.3 | 1.6 | 0.25 | 0.8 | 0.87 | 0.5 | 0.18 | 26 | 29.0 | 5.7 | 38.6 | 0.14 | 0.28 | 90 | 2.0 |
| SA5101814 | 6 | 6 | 22 | 15 | 0.25 | 17.8 | 1.4 | 0.9 | 0.8 | 0.85 | 0.5 | 0.15 | 19 | 23.5 | 6.5 | 29.9 | 0.12 | 0.26 | 79 | 2.0 |
| SA5101815 | 6 | 7 | 16 | 16 | 0.25 | 20.8 | 1.5 | 0.5 | 0.5 | 0.60 | 0.5 | 0.12 | 22 | 29.1 | 4.9 | 37.2 | 0.1 | 0.23 | 68 | 2.0 |
| SA5101816 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101817 | 5 | 5 | 11 | 13 | 0.25 | 18.1 | 1.7 | 0.8 | 0.5 | 0.61 | 0.5 | 0.13 | 28 | 34.5 | 3.5 | 31.5 | 0.1 | 0.22 | 90 | 0.5 |
| SA5101818 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101819 | 1 | 2 | 14 | 10 | 0.25 | 29.8 | 0.7 | 0.25 | 0.05 | 0.17 | 0.5 | 0.06 | 11 | 12.7 | 0.7 | 45.9 | 0.05 | 0.10 | 29 | 1.0 |
| SA5101820 | 5 | 7 | 11 | 14 | 0.25 | 18.5 | 2.3 | 0.7 | 0.5 | 0.61 | 0.5 | 0.14 | 31 | 36.0 | 4.1 | 30.3 | 0.12 | 0.24 | 83 | 0.5 |
| SA5101821 | 1 | 2 | 5 | 8 | 0.25 | 9.4 | 0.6 | 0.25 | 0.2 | 0.30 | 0.5 | 0.08 | 7 | 9.3 | 2.2 | 31.5 | 0.025 | 0.13 | 35 | 0.5 |
| SA5101822 | 1 | 1 | 5 | 6 | 0.25 | 9.9 | 0.9 | 0.25 | 0.6 | 0.70 | 0.5 | 0.03 | 11 | 12.3 | 0.2 | 51.2 | 0.08 | 0.10 | 41 | 1.0 |
| SA5101823 | 5 | 6 | 5 | 13 | 0.25 | 13.1 | 2.1 | 0.8 | 0.7 | 0.86 | 0.5 | 0.11 | 32 | 37.5 | 7.5 | 28.5 | 0.06 | 0.23 | 91 | 0.5 |
| SA5101824 | 4 | 5 | 16 | 13 | 0.25 | 19.5 | 2.5 | 0.7 | 0.5 | 0.60 | 0.5 | 0.12 | 34 | 39.9 | 7.8 | 32.3 | 0.09 | 0.24 | 57 | 0.5 |
| SA5101825 | 11 | 10 | 27 | 20 | 0.25 | 29.1 | 4.2 | 2.2 | 1.3 | 1.40 | 0.5 | 0.16 | 73 | 76.3 | 7.5 | 47.4 | 0.27 | 0.31 | 151 | 3.0 |
| SA5101826 | 9 | 10 | 19 | 14 | 0.25 | 11.5 | 1.3 | 1.2 | 2.3 | 2.48 | 0.5 | 0.12 | 25 | 27.3 | 3.5 | 48.2 | 0.16 | 0.25 | 154 | 2.0 |
| SA5101827 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101828 | 4 | 5 | 5 | 12 | 0.25 | 11.7 | 1.4 | 0.25 | 0.5 | 0.59 | 0.5 | 0.11 | 21 | 26.5 | 2.9 | 45.2 | 0.07 | 0.18 | 78 | 0.5 |
| SA5101829 | 4 | 5 | 14 | 14 | 0.25 | 15.4 | 2.2 | 0.8 | 0.9 | 1.20 | 0.5 | 0.14 | 37 | 43.7 | 3.4 | 50.5 | 0.15 | 0.20 | 123 | 0.5 |
| SA5101830 | 4 | 6 | 5 | 12 | 0.25 | 10.7 | 1.2 | 0.25 | 0.9 | 0.94 | 0.5 | 0.11 | 25 | 27.9 | 4.4 | 45.0 | 0.09 | 0.20 | 91 | 0.5 |
| SA5101831 | 3 | 4 | 20 | 11 | 0.25 | 18.7 | 1.3 | 0.9 | 1.2 | 1.32 | 0.5 | 0.05 | 34 | 37.5 | 1.5 | 70.1 | 0.1 | 0.14 | 151 | 0.5 |
| SA5101832 | 6 | 7 | 17 | 12 | 0.25 | 13.4 | 1.6 | 0.9 | 1.4 | 1.69 | 0.5 | 0.16 | 27 | 31.1 | 8.3 | 33.9 | 0.09 | 0.27 | 139 | 3.0 |
| SA5101833 | 10 | 11 | 48 | 25 | 0.25 | 29.4 | 19.9 | 1.6 | 1.8 | 1.94 | 0.5 | 0.31 | 111 | 120.2 | 15.4 | 40.8 | 2.1 | 0.44 | 185 | 3.0 |
| SA5101834 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101835 | 1 | 2 | 5 | 8 | 0.25 | 12.4 | 0.8 | 0.8 | 0.5 | 0.62 | 0.5 | 0.04 | 15 | 18.6 | 0.4 | 55.2 | 0.07 | 0.07 | 29 | 0.5 |
| SA5101836 | 5 | 5 | 11 | 9 | 0.25 | 8.8 | 1.1 | 0.7 | 0.7 | 0.87 | 0.5 | 0.06 | 18 | 22.0 | 1.6 | 43.8 | 0.11 | 0.13 | 83 | 1.0 |
| SA5101837 | 3 | 2 | 5 | 10 | 0.25 | 18.2 | 1.7 | 0.6 | 0.4 | 0.41 | 0.5 | 0.08 | 24 | 27.6 | 1.0 | 69.1 | 0.06 | 0.11 | 36 | 1.0 |
| SA5101838 | 5 | 6 | 5 | 15 | 0.25 | 23.6 | 4.0 | 1.8 | 0.9 | 1.09 | 0.5 | 0.14 | 76 | 83.1 | 2.1 | 55.2 | 0.21 | 0.17 | 68 | 0.5 |
| SA5101839 | 5 | 5 | 15 | 13 | 0.25 | 13.0 | 3.4 | 1 | 0.7 | 0.74 | 0.5 | 0.12 | 41 | 48.3 | 7.4 | 31.3 | 0.19 | 0.25 | 72 | 0.5 |
| SA5101840 | 11 | 13 | 29 | 32 | 0.25 | 37.2 | 3.2 | 0.7 | 3.8 | 4.08 | 2 | 0.40 | 51 | 53.0 | 12.8 | 41.1 | 0.19 | 0.53 | 463 | 2.0 |
| SA5101841 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101842 | 3 | 3 | 5 | 10 | 0.25 | 13.4 | 1.2 | 0.6 | 0.3 | 0.29 | 0.5 | 0.04 | 15 | 17.5 | 1.3 | 44.7 | 0.08 | 0.13 | 39 | 0.5 |
| SA5101843 | 4 | 5 | 12 | 12 | 0.25 | 12.4 | 1.3 | 0.25 | 0.8 | 0.90 | 0.5 | 0.07 | 15 | 18.4 | 2.4 | 39.4 | 0.07 | 0.16 | 68 | 0.5 |
| SA5101844 | 2 | 3 | 5 | 9 | 0.25 | 11.1 | 0.4 | 0.25 | 0.7 | 0.89 | 0.5 | 0.04 | 9 | 10.0 | 0.5 | 50.8 | 0.07 | 0.11 | 81 | 0.5 |
| SA5101845 | 6 | 6 | 15 | 16 | 0.25 | 17.2 | 1.6 | 0.25 | 0.6 | 0.63 | 0.5 | 0.09 | 22 | 26.1 | 4.6 | 45.3 | 0.08 | 0.22 | 70 | 0.5 |
| SA5101846 | 3 | 4 | 5 | 7 | 0.25 | 12.9 | 1.0 | 0.25 | 0.6 | 0.72 | 0.5 | 0.03 | 11 | 13.9 | 0.2 | 39.7 | 0.05 | 0.10 | 68 | 0.5 |
| SA5101847 | 8 | 8 | 15 | 19 | 0.25 | 20.1 | 2.0 | 0.5 | 1 | 1.15 | 0.5 | 0.12 | 27 | 31.3 | 5.1 | 44.4 | 0.13 | 0.26 | 113 | 0.5 |
| SA5101848 | 1 | 2 | 5 | 7 | 0.25 | 14.2 | 0.5 | 0.25 | 0.3 | 0.41 | 0.5 | 0.02 | 7 | 9.6 | 0.05 | 47.5 | 0.05 | 0.09 | 45 | 0.5 |
| SA5101849 | 7 | 7 | 13 | 15 | 0.25 | 19.3 | 1.3 | 0.8 | 0.8 | 0.98 | 0.5 | 0.09 | 23 | 28.9 | 3.5 | 43.1 | 0.05 | 0.21 | 81 | 0.5 |
| SA5101850 | 6 | 6 | 16 | 14 | 0.25 | 7.9 | 0.6 | 0.25 | 1.4 | 1.53 | 0.5 | 0.12 | 10 | 11.1 | 1.6 | 65.7 | 0.09 | 0.28 | 207 | 1.0 |
| SA5101851 | 1 | 2 | 5 | 12 | 0.25 | 8.5 | 0.6 | 0.25 | 1.3 | 1.51 | 0.5 | 0.03 | 8 | 9.3 | 0.1 | 75.6 | 0.07 | 0.17 | 90 | 2.0 |
| SA5101852 | 6 | 5 | 16 | 9 | 0.25 | 5.5 | 0.6 | 0.25 | 3.5 | 3.60 | 0.5 | 0.10 | 10 | 10.8 | 1.0 | 83.3 | 0.14 | 0.26 | 324 | 2.0 |
| SA5101853 | 2 | 3 | 14 | 10 | 0.25 | 6.2 | 0.5 | 0.25 | 1 | 1.07 | 0.5 | 0.08 | 10 | 10.0 | 0.7 | 87.5 | 0.025 | 0.23 | 182 | 0.5 |
| SA5101854 | 15 | 15 | 5 | 12 | 0.25 | 5.9 | 0.5 | 0.25 | 4.8 | 4.99 | 0.5 | 0.15 | 11 | 10.7 | 1.4 | 69.4 | 0.07 | 0.25 | 724 | 2.0 |
| SA5101855 | 1 | 2 | 5 | 7 | 0.25 | 8.5 | 0.3 | 0.25 | 1.6 | 1.62 | 0.5 | 0.03 | 4 | 4.9 | 0.1 | 81.7 | 0.025 | 0.21 | 54 | 1.0 |
| SA5101856 | 10 | 12 | 5 | 10 | 0.25 | 6.1 | 0.3 | 0.25 | 1.3 | 1.38 | 0.5 | 0.11 | 7 | 7.5 | 1.1 | 51.7 | 0.1 | 0.21 | 102 | 1.0 |
| SA5101857 | 4 | 5 | 5 | 13 | 0.25 | 6.4 | 0.6 | 0.25 | 1.9 | 2.61 | 1 | 0.18 | 7 | 10.0 | 3.2 | 35.7 | 0.15 | 0.33 | 102 | 4.0 |
| SA5101858 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101859 | 13 | 13 | 25 | 26 | 0.25 | 6.5 | 2.4 | 0.9 | 2.2 | 2.17 | 4 | 0.96 | 24 | 23.7 | 6.7 | 23.9 | 0.26 | 0.68 | 313 | 1.0 |
| SA5101860 | 4 | 3 | 5 | 10 | 0.25 | 7.2 | 0.9 | 0.25 | 0.3 | 0.44 | 0.5 | 0.04 | 13 | 15.4 | 0.4 | 31.4 | 0.16 | 0.13 | 42 | 0.5 |
| SA5101861 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101862 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101863 | 16 | 15 | 32 | 34 | 0.25 | 12.6 | 2.2 | 0.25 | 4.4 | 4.66 | 2 | 0.38 | 31 | 32.1 | 4.8 | 48.4 | 0.34 | 0.51 | 335 | 5.0 |

## Appendix 1 - Open File LAB/1616

| FldNum | 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 | Li2_ppm | LOI _pct | Lu1_ppm | Mg2_pct | Mn2_ppm | Mo1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | 17 | 16 | 24 | 22 | 0.25 | 6.0 | 1.9 | 0.8 | 2.2 | 2.21 | 4 | 0.82 | 22 | 22.2 | 6.0 | 25.2 | 0.19 | 0.59 | 273 | 1.0 |
| SA5101865 | 16 | 17 | 5 | 16 | 0.25 | 13.1 | 1.3 | 0.25 | 1.4 | 1.59 | 1 | 0.20 | 17 | 18.6 | 2.1 | 60.6 | 0.14 | 0.30 | 317 | 2.0 |
| SA5101866 | 6 | 7 | 22 | 20 | 0.25 | 5.6 | 1.4 | 0.5 | 1.3 | 1.42 | 3 | 0.53 | 16 | 17.0 | 3.2 | 49.7 | 0.14 | 0.43 | 221 | 0.5 |
| SA5101867 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101868 | 12 | 13 | 22 | 28 | 0.25 | 11.0 | 2.0 | 0.25 | 2.8 | 3.05 | 2 | 0.33 | 27 | 28.8 | 4.6 | 44.6 | 0.22 | 0.44 | 274 | 4.0 |
| SA5101869 | 14 | 14 | 12 | 20 | 0.25 | 7.8 | 1.6 | 0.6 | 1.9 | 2.14 | 2 | 0.42 | 15 | 16.4 | 3.5 | 43.6 | 0.11 | 0.39 | 202 | 2.0 |
| SA5101870 | 16 | 17 | 40 | 30 | 0.25 | 6.3 | 2.8 | 0.25 | 3.5 | 3.50 | 5 | 1.07 | 27 | 26.5 | 7.1 | 31.1 | 0.27 | 0.68 | 563 | 0.5 |
| SA5101871 | 3 | 2 | 5 | 9 | 0.25 | 9.5 | 1.1 | 0.25 | 0.2 | 0.35 | 0.5 | 0.04 | 7 | 8.6 | 0.7 | 45.2 | 0.025 | 0.15 | 43 | 0.5 |
| SA5101872 | 4 | 5 | 5 | 11 | 0.25 | 8.1 | 1.1 | 0.25 | 0.4 | 0.45 | 0.5 | 0.15 | 12 | 14.6 | 2.6 | 53.6 | 0.09 | 0.23 | 88 | 2.0 |
| SA5101873 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101874 | 8 | 10 | 5 | 10 | 0.25 | 9.0 | 0.8 | 0.25 | 0.8 | 1.04 | 0.5 | 0.07 | 10 | 11.6 | 1.7 | 41.7 | 0.08 | 0.16 | 76 | 5.0 |
| SA5101875 | 4 | 5 | 12 | 17 | 0.25 | 11.9 | 1.3 | 0.25 | 0.7 | 0.91 | 0.5 | 0.17 | 15 | 19.0 | 3.7 | 26.5 | 0.11 | 0.26 | 64 | 5.0 |
| SA5101876 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101877 | 1 | 3 | 5 | 7 | 0.25 | 10.4 | 1.7 | 0.25 | 0.2 | 0.19 | 0.5 | 0.08 | 16 | 18.9 | 1.4 | 58.2 | 0.09 | 0.12 | 41 | 1.0 |
| SA5101878 | 6 | 8 | 20 | 17 | 0.25 | 5.7 | 3.3 | 0.25 | 1.9 | 2.35 | 1 | 0.19 | 36 | 42.0 | 4.0 | 38.1 | 0.19 | 0.32 | 217 | 6.0 |
| SA5101879 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101880 | 14 | 15 | 47 | 32 | 0.25 | 5.3 | 2.8 | 0.7 | 2.1 | 2.38 | 5 | 0.90 | 26 | 28.2 | 12.2 | 11.3 | 0.31 | 0.81 | 388 | 4.0 |
| SA5101881 | 1 | 2 | 5 | 5 | 0.25 | 7.0 | 1.5 | 0.25 | 0.2 | 0.32 | 0.5 | 0.03 | 15 | 21.0 | 0.6 | 28.6 | 0.025 | 0.12 | 39 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | 4.7 | 0.025 | 0.05 | 1.1 | 10.0 | 310 | 6.1 | 2.5 | 1 | 0.05 | 0.9 | 1.1 | 0.5 | 1.6 | 40 | 0.1 | 0.25 | 0.9 | 140 | 4.4 |
| SA5101072 | 2.2 | 0.79 | 0.81 | 4.4 | 12.4 | 883 | 1.8 | 18 | 10.2 | 0.10 | 4.7 | 5.2 | 0.5 | 5.1 | 173 | 0.3 | 0.6 | 3.2 | 1668 | 3.9 |
| SA5101073 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101074 | 1.6 | 0.025 | 0.03 | 1.3 | 8.7 | 276 | 14.1 | 2.5 | 1 | 0.05 | 0.7 | 0.9 | 0.5 | 1.4 | 27 | 0.1 | 0.25 | 0.7 | 101 | 0.7 |
| SA5101075 | 2.9 | 0.92 | 1.10 | 4.4 | 13.3 | 541 | 3.6 | 26 | 21.5 | 0.05 | 3.9 | 5.1 | 0.5 | 3.3 | 233 | 0.1 | 0.25 | 2.6 | 1917 | 3 |
| SA5101076 | 2.2 | 0.09 | 0.11 | 1.7 | 14.9 | 394 | 5.9 | 2.5 | 1 | 0.05 | 1.5 | 2.1 | 0.5 | 2.6 | 60 | 0.1 | 0.25 | 1.5 | 425 | 5.4 |
| SA5101077 | 9.6 | 0.025 | 0.05 | 1.4 | 10.5 | 347 | 3.7 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 2.7 | 39 | 0.1 | 0.25 | 1.1 | 217 | 2.6 |
| SA5101078 | 4.5 | 0.2 | 0.24 | 3.5 | 12.7 | 404 | 1.6 | 5 | 1 | 0.05 | 2.2 | 2.7 | 0.5 | 3.1 | 68 | 0.1 | 0.25 | 1.9 | 706 | 7.6 |
| SA5101079 | 1.6 | 0.07 | 0.09 | 0.5 | 10 | 294 | 4.2 | 7 | 1 | 0.05 | 1 | 1.5 | 0.5 | 3.5 | 37 | 0.1 | 0.25 | 1.3 | 248 | 7.5 |
| SA5101080 | 2.7 | 0.25 | 0.29 | 2.0 | 12.1 | 392 | 5.6 | 2.5 | 1 | 0.05 | 1.8 | 2.1 | 0.5 | 1.4 | 84 | 0.1 | 0.25 | 1.2 | 602 | 1.2 |
| SA5101081 | 6.0 | 0.08 | 0.08 | 2.2 | 10.0 | 305 | 9.2 | 2.5 | 1 | 0.05 | 1.1 | 1.6 | 0.5 | 2.9 | 34 | 0.1 | 0.25 | 1.4 | 271 | 3 |
| SA5101082 | 4.8 | 0.33 | 0.32 | 2.6 | 11.8 | 343 | 1.1 | 10 | 2.7 | 0.05 | 1.9 | 2.3 | 0.5 | 2.7 | 94 | 0.2 | 0.25 | 2.1 | 706 | 6.5 |
| SA5101083 | 4.1 | 0.12 | 0.17 | 1.8 | 7.2 | 418 | 2.6 | 6 | 1 | 0.05 | 2.4 | 3.5 | 0.5 | 9 | 56 | 0.1 | 0.7 | 2.5 | 517 | 6.7 |
| SA5101084 | 3.9 | 0.16 | 0.18 | 1.7 | 10.6 | 374 | 2.3 | 2.5 | 1 | 0.05 | 1.5 | 2.2 | 0.5 | 5.5 | 55 | 0.1 | 0.25 | 3 | 459 | 7.7 |
| SA5101085 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101086 | 1.3 | 0.07 | 0.08 | 1.3 | 9.2 | 251 | 5.8 | 2.5 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 1.8 | 38 | 0.1 | 0.25 | 1.3 | 351 | 2.6 |
| SA5101087 | 2.4 | 0.06 | 0.05 | 0.5 | 9.1 | 785 | 0.5 | 2.5 | 1 | 0.05 | 0.7 | 0.9 | 0.5 | 1.3 | 25 | 0.1 | 0.25 | 0.6 | 172 | 36.2 |
| SA5101088 | 1.9 | 0.43 | 0.53 | 3.2 | 9.8 | 427 | 2.0 | 10 | 9.2 | 0.05 | 2.5 | 3.4 | 0.5 | 2.9 | 136 | 0.1 | 0.25 | 1.8 | 994 | 3.9 |
| SA5101089 | 2.4 | 1.8 | 2.00 | 6.9 | 11.3 | 830 | 2.3 | 33 | 35.1 | 0.05 | 6.9 | 8.1 | 0.5 | 5.5 | 408 | 0.4 | 0.6 | 3.7 | 2881 | 3.3 |
| SA5101090 | 1.1 | -9 | 0.06 | 1.2 | 7.7 | 389 | 4.8 | -9 | 1 | -9 | -9 | 1.0 | -9 | -9 | 34 | -9 | -9 | -9 | 123 | -9 |
| SA5101091 | 1.1 | 0.53 | 0.65 | 4.2 | 12.7 | 462 | 1.8 | 12 | 16.9 | 0.05 | 3.2 | 4.3 | 0.5 | 3.3 | 148 | 0.2 | 0.25 | 2.7 | 1487 | 2.2 |
| SA5101092 | 1.5 | 0.63 | 0.75 | 3.6 | 12.0 | 470 | 2.9 | 13 | 16.7 | 0.05 | 3.8 | 4.8 | 0.5 | 4 | 167 | 0.1 | 0.5 | 2.9 | 1544 | 5 |
| SA5101093 | 3.1 | 0.25 | 0.25 | 1.9 | 11.2 | 457 | 1.1 | 9 | 1 | 0.05 | 2.2 | 2.4 | 0.5 | 2.7 | 77 | 0.1 | 0.25 | 2 | 708 | 5.4 |
| SA5101094 | 0.5 | 0.025 | 0.02 | 1.8 | 6 | 664 | 1.1 | 2.5 | 1 | 0.05 | 1.8 | 2.4 | 0.5 | 1.9 | 41 | 0.1 | 0.25 | 1.1 | 153 | 2.9 |
| SA5101095 | 7.6 | 0.64 | 0.73 | 5.0 | 13.7 | 496 | 3.3 | 12 | 9.8 | 0.05 | 3.4 | 4.4 | 0.5 | 6.5 | 165 | 0.3 | 0.7 | 3.6 | 1447 | 8.4 |
| SA5101096 | 2.0 | 0.26 | 0.34 | 2.2 | 9.7 | 373 | 0.5 | 2.5 | 2.6 | 0.05 | 1.7 | 2.4 | 0.5 | 4.4 | 75 | 0.3 | 0.25 | 2.6 | 744 | 1.6 |
| SA5101097 | 3.0 | 0.025 | 0.05 | 0.5 | 12.0 | 219 | 0.5 | 2.5 | 1 | 0.05 | 0.7 | 0.9 | 0.5 | 4.8 | 27 | 0.1 | 0.6 | 1.1 | 121 | 2.4 |
| SA5101098 | 5.6 | 0.08 | 0.09 | 1.0 | 25.9 | 552 | 0.5 | 2.5 | 1 | 0.05 | 1.7 | 2.2 | 0.5 | 9.1 | 49 | 0.1 | 1.2 | 2.6 | 245 | 5.4 |
| SA5101099 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101100 | 19.5 | 0.27 | 0.29 | 7.1 | 12.7 | 2662 | 0.5 | 8 | 6.1 | 0.05 | 4.7 | 5.8 | 0.5 | 49.1 | 67 | 0.3 | 7 | 10 | 893 | 11.3 |
| SA5101101 | 28.3 | -9 | 0.28 | 2.6 | 22.1 | 586 | 0.5 | -9 | 1 | -9 | -9 | 4.0 | -9 | -9 | 71 | -9 | -9 | -9 | 689 | -9 |
| SA5101102 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101103 | 9.3 | 0.07 | 0.08 | 1.4 | 11.3 | 371 | 1.5 | 7 | 1 | 0.10 | 1.7 | 1.9 | 0.5 | 3.3 | 40 | 0.1 | 0.25 | 1.5 | 289 | 2 |
| SA5101104 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101105 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101106 | 1.0 | 0.09 | 0.10 | 2.0 | 10.8 | 391 | 4.3 | 2.5 | 1 | 0.05 | 1.6 | 1.8 | 0.5 | 2.4 | 49 | 0.1 | 0.25 | 1.3 | 252 | 0.3 |
| SA5101107 | 2.3 | 0.07 | 0.07 | 0.5 | 13.4 | 416 | 4.2 | 8 | 1 | 0.05 | 1.7 | 2.5 | 0.5 | 3.1 | 43 | 0.1 | 0.25 | 1.7 | 471 | 0.5 |
| SA5101108 | 1.4 | 0.07 | 0.07 | 1.6 | 14.8 | 350 | 1.3 | 2.5 | 1 | 0.05 | 1.4 | 1.9 | 0.5 | 2.7 | 51 | 0.1 | 0.25 | 1.3 | 318 | 0.3 |
| SA5101109 | 1.6 | 0.15 | 0.22 | 2.5 | 17.2 | 794 | 2.3 | 8 | 1 | 0.05 | 3 | 3.8 | 0.5 | 3.5 | 75 | 0.1 | 0.25 | 1.9 | 960 | 0.6 |
| SA5101110 | 1.1 | 0.08 | 0.11 | 1.4 | 14.1 | 362 | 1.1 | 7 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 2.3 | 49 | 0.1 | 0.25 | 1.2 | 529 | 0.4 |
| SA5101111 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101112 | 1.8 | 0.17 | 0.20 | 2.4 | 10.5 | 856 | 0.5 | 6 | 1 | 0.05 | 2.2 | 2.5 | 0.5 | 2.4 | 54 | 0.1 | 0.25 | 1 | 635 | 0.3 |
| SA5101113 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101114 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101115 | 3.3 | 2.1 | 2.18 | 7.5 | 12.5 | 1018 | 0.5 | 29 | 21.8 | 0.05 | 9 | 9.4 | 0.5 | 5 | 388 | 0.3 | 0.6 | 2.9 | 2906 | 3.6 |
| SA5101116 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101117 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101118 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101119 | 0.5 | 1.1 | 1.46 | 5.4 | 8.5 | 733 | 4.8 | 18 | 23.2 | 0.05 | 4.9 | 6.1 | 0.5 | 2 | 297 | 0.4 | 0.25 | 2.6 | 3494 | 0.4 |
| SA5101120 | 1.3 | 0.11 | 0.13 | 1.2 | 8.9 | 436 | 1.7 | 2.5 | 3.1 | 0.05 | 1.8 | 2.3 | 0.5 | 1.6 | 59 | 0.1 | 0.25 | 0.7 | 459 | 0.3 |
| SA5101121 | 0.5 | 0.14 | 0.12 | 1.6 | 15.1 | 332 | 1.3 | 12 | 6.8 | 0.05 | 2.3 | 3.1 | 0.5 | 3.3 | 58 | 0.1 | 0.25 | 1.5 | 534 | 0.3 |
| SA5101122 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101123 | 1.7 | 0.12 | 0.15 | 1.7 | 22.8 | 387 | 0.5 | 9 | 4.5 | 0.05 | 2.4 | 3.2 | 0.5 | 3 | 62 | 0.1 | 0.25 | 2.1 | 482 | 0.5 |
| SA5101124 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101125 | 2.3 | 2 | 2.06 | 7.7 | 14.3 | 640 | 0.5 | 36 | 40.9 | 0.05 | 7.7 | 9.0 | 0.5 | 5.2 | 380 | 0.6 | 0.6 | 4.6 | 3736 | 3.3 |
| SA5101126 | 5.6 | 0.27 | 0.29 | 3.2 | 15.7 | 637 | 3.1 | 8 | 14.5 | 0.05 | 3.2 | 3.7 | 0.5 | 5.5 | 80 | 0.1 | 0.5 | 3.4 | 904 | 6.9 |
| SA5101127 | 3.5 | 1.2 | 1.35 | 7.5 | 15.2 | 904 | 6.6 | 34 | 36.4 | 0.10 | 6.8 | 8.1 | 0.5 | 5.5 | 254 | 0.4 | 0.6 | 4.5 | 3010 | 6.2 |
| SA5101128 | 5.3 | 0.06 | 0.06 | 0.5 | 3.4 | 258 | 1.7 | 2.5 | 2.9 | 0.05 | 0.6 | 0.7 | 0.5 | 0.5 | 39 | 0.1 | 0.25 | 0.4 | 131 | 1.3 |
| SA5101129 | 2.3 | 0.08 | 0.10 | 0.5 | 8.3 | 211 | 4.4 | 2.5 | 3.0 | 0.05 | 1.2 | 1.4 | 0.5 | 2.7 | 34 | 0.1 | 0.25 | 1.1 | 267 | 0.9 |
| SA5101130 | 6.9 | 0.3 | 0.35 | 2.7 | 15.1 | 839 | 0.5 | 2.5 | 11.0 | 0.05 | 2.8 | 3.5 | 0.5 | 10 | 90 | 0.1 | 0.8 | 3.5 | 856 | 3.6 |
| SA5101131 | 12.6 | 0.15 | 0.17 | 2.5 | 14.5 | 544 | 0.5 | 2.5 | 4.0 | 0.05 | 2.4 | 3.7 | 0.5 | 10 | 53 | 0.1 | 0.9 | 3.4 | 506 | 3.2 |

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | 2.3 | 0.06 | 0.07 | 0.5 | 8.8 | 233 | 1.6 | 2.5 | 3.1 | 0.05 | 0.6 | 0.8 | 0.5 | 0.6 | 44 | 0.1 | 0.25 | 0.6 | 160 | 0.3 |
| SA5101133 | 8.3 | 0.025 | 0.03 | 0.5 | 6.5 | 134 | 25.0 | 2.5 | 4.5 | 0.05 | 0.4 | 0.4 | 0.5 | 0.5 | 20 | 0.1 | 0.25 | 0.2 | 56 | 2.5 |
| SA5101134 | 1.1 | 0.025 | 0.04 | 0.5 | 9 | 427 | 3.3 | 2.5 | 1 | 0.05 | 1.3 | 1.6 | 0.5 | 1.5 | 45 | 0.1 | 0.25 | 0.9 | 161 | 0.3 |
| SA5101135 | 2.8 | 0.2 | 0.23 | 2.3 | 12.8 | 656 | 0.5 | 2.5 | 7.8 | 0.05 | 1.8 | 2.8 | 0.5 | 6.6 | 77 | 0.1 | 0.7 | 2.5 | 665 | 1.5 |
| SA5101136 | 0.5 | 0.63 | 0.66 | 3.1 | 11.1 | 306 | 2.1 | 8 | 12.2 | 0.05 | 2.8 | 3.1 | 0.5 | 1.6 | 152 | 0.1 | 0.25 | 1.7 | 1374 | 0.7 |
| SA5101137 | 0.5 | 0.09 | 0.10 | 4.9 | 12.5 | 374 | 4.8 | 2.5 | 6.4 | 0.05 | 1.5 | 2.0 | 0.5 | 2.3 | 43 | 0.1 | 0.25 | 1.5 | 286 | 1.3 |
| SA5101138 | 1.4 | 0.025 | 0.06 | 1.1 | 10.1 | 276 | 3.4 | 2.5 | 5.2 | 0.05 | 0.6 | 0.8 | 0.5 | 0.9 | 43 | 0.1 | 0.25 | 0.6 | 142 | 0.4 |
| SA5101139 | 1.9 | 0.3 | 0.28 | 2.7 | 17.1 | 416 | 2.5 | 9 | 5.4 | 0.05 | 2 | 2.5 | 0.5 | 3 | 85 | 0.1 | 0.25 | 1.7 | 547 | 1.1 |
| SA5101140 | 0.5 | 0.025 | 0.03 | 0.5 | 16.2 | 374 | 2.2 | 2.5 | 3.6 | 0.05 | 0.7 | 1.2 | 0.5 | 1.1 | 28 | 0.1 | 0.25 | 0.8 | 151 | 0.2 |
| SA5101141 | 0.5 | 0.12 | 0.13 | 3.4 | 13.7 | 401 | 12.1 | 2.5 | 5.2 | 0.05 | 1.8 | 2.1 | 0.5 | 2.1 | 53 | 0.1 | 0.25 | 1.4 | 387 | 0.9 |
| SA5101142 | 2.4 | 0.1 | 0.13 | 1.6 | 17.8 | 360 | 0.5 | 6 | 2.2 | 0.05 | 1.7 | 2.2 | 0.5 | 4.6 | 58 | 0.1 | 0.5 | 1.6 | 454 | 1.2 |
| SA5101143 | 1.4 | 0.06 | 0.05 | 0.5 | 6.5 | 217 | 2.4 | 2.5 | 1 | 0.05 | 1 | 1.2 | 0.5 | 2.9 | 26 | 0.1 | 0.25 | 1 | 190 | 0.6 |
| SA5101144 | 1.4 | 0.11 | 0.10 | 0.5 | 6.1 | 284 | 1.7 | 2.5 | 2.0 | 0.05 | 1 | 1.6 | 0.5 | 4.1 | 35 | 0.1 | 0.25 | 1.6 | 312 | 1.3 |
| SA5101145 | 2.7 | 0.05 | 0.06 | 1.4 | 5.7 | 317 | 2.4 | 2.5 | 2.3 | 0.05 | 1 | 1.2 | 0.5 | 1.6 | 39 | 0.1 | 0.25 | 1.2 | 179 | 0.3 |
| SA5101146 | 4.9 | 0.09 | 0.09 | 1.4 | 19.9 | 513 | 1.6 | 2.5 | 4.1 | 0.05 | 2.1 | 2.8 | 0.5 | 8.6 | 40 | 0.1 | 0.8 | 3.1 | 425 | 1.8 |
| SA5101147 | 6.3 | 0.82 | 0.96 | 6.4 | 14.2 | 642 | 10.4 | 13 | 17.4 | 0.10 | 4.8 | 6.1 | 0.5 | 6.3 | 177 | 0.3 | 0.7 | 3.6 | 1853 | 2.4 |
| SA5101148 | 4.4 | 1 | 1.12 | 6.4 | 18.6 | 737 | 3.9 | 16 | 22.7 | 0.05 | 6.3 | 7.9 | 0.5 | 6 | 207 | 0.5 | 0.5 | 3.9 | 2640 | 7 |
| SA5101149 | 3.1 | 0.06 | 0.06 | 0.5 | 6.3 | 300 | 3.7 | 2.5 | 2.5 | 0.10 | 0.8 | 1.0 | 0.5 | 0.9 | 59 | 0.1 | 0.25 | 0.7 | 174 | 2.7 |
| SA5101150 | 0.5 | 0.12 | 0.14 | 2.0 | 16 | 373 | 3.6 | 2.5 | 3.1 | 0.05 | 1.7 | 2.2 | 0.5 | 2.8 | 60 | 0.1 | 0.25 | 1.7 | 405 | 0.8 |
| SA5101151 | 3.8 | 0.08 | 0.08 | 1.1 | 14.7 | 343 | 4.7 | 2.5 | 4.5 | 0.05 | 1.6 | 2.1 | 0.5 | 3 | 55 | 0.1 | 0.25 | 3.7 | 364 | 0.6 |
| SA5101152 | 6.6 | -9 | 0.31 | 3.7 | 28.2 | 970 | 3.4 | -9 | 14.4 | -9 | -9 | 5.1 | -9 | -9 | 134 | -9 | -9 | -9 | 1124 | -9 |
| SA5101153 | 3.0 | 0.07 | 0.08 | 1.3 | 11.1 | 548 | 6.3 | 2.5 | 5.1 | 0.05 | 1.5 | 1.9 | 0.5 | 3.4 | 50 | 0.1 | 0.25 | 3.6 | 243 | 0.7 |
| SA5101154 | 3.5 | 2.1 | 1.97 | 6.1 | 13.9 | 563 | 3.8 | 50 | 54.9 | 0.05 | 8.1 | 8.5 | 0.5 | 5.1 | 427 | 0.4 | 0.6 | 6.1 | 1862 | 1.5 |
| SA5101155 | 2.3 | 0.15 | 0.15 | 3.4 | 21.9 | 526 | 28.3 | 13 | 17.3 | 0.05 | 3 | 3.7 | 0.5 | 7.2 | 63 | 0.3 | 0.7 | 10 | 648 | 2.7 |
| SA5101156 | 9.3 | 0.16 | 0.15 | 3.7 | 12.8 | 496 | 2.0 | 6 | 2.3 | 0.05 | 2 | 2.3 | 0.5 | 3.3 | 87 | 0.1 | 0.25 | 3 | 336 | 1.4 |
| SA5101157 | 1.6 | -9 | 1.43 | 7.5 | 15.6 | 696 | 6.7 | -9 | 51.3 | -9 | -9 | 9.7 | -9 | -9 | 322 | -9 | -9 | -9 | 2318 | -9 |
| SA5101158 | 4.8 | 2.1 | 2.07 | 9.0 | 15.5 | 934 | 5.2 | 63 | 63.9 | 0.05 | 10.6 | 11.3 | 0.5 | 7.8 | 429 | 0.3 | 1 | 8.7 | 2777 | 3.6 |
| SA5101159 | 2.1 | 0.9 | 1.13 | 6.2 | 12.3 | 571 | 13.5 | 29 | 41.4 | 0.10 | 5.9 | 6.8 | 0.5 | 5.2 | 239 | 0.3 | 0.5 | 6.8 | 1539 | 2.1 |
| SA5101160 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101161 | 1.5 | 0.025 | 0.06 | 1.9 | 11.9 | 495 | 10.3 | 2.5 | 7.4 | 0.05 | 1.6 | 2.2 | 0.5 | 2.9 | 40 | 0.1 | 0.25 | 5.5 | 359 | 1.5 |
| SA5101162 | 1.3 | 0.36 | 0.37 | 4.3 | 17.1 | 913 | 9.9 | 13 | 12.9 | 0.05 | 4.4 | 5.1 | 0.5 | 4.3 | 96 | 0.3 | 0.25 | 8.6 | 1332 | 2.8 |
| SA5101163 | 2.0 | 0.1 | 0.10 | 3.0 | 12.8 | 478 | 21.3 | 10 | 9.1 | 0.05 | 2.5 | 2.9 | 0.5 | 7.3 | 56 | 0.4 | 1 | 6.9 | 484 | 2.2 |
| SA5101164 | 2.3 | 0.42 | 0.43 | 4.1 | 17.6 | 399 | 5.2 | 12 | 22.1 | 0.05 | 3.5 | 4.7 | 0.5 | 5.6 | 114 | 0.1 | 0.5 | 6.6 | 1079 | 1.7 |
| SA5101165 | 1.7 | -9 | 0.32 | 3.3 | 14.5 | 567 | 23.5 | -9 | 13.5 | -9 | -9 | 3.3 | -9 | -9 | 94 | -9 | -9 | -9 | 811 | -9 |
| SA5101166 | 0.5 | 0.11 | 0.11 | 2.0 | 12 | 815 | 13.0 | 2.5 | 9.6 | 0.05 | 2.4 | 3.2 | 0.5 | 2.5 | 46 | 0.1 | 0.25 | 5.7 | 544 | 2.6 |
| SA5101167 | 0.5 | 2.3 | 2.13 | 8.0 | 10.9 | 1184 | 7.3 | 68 | 70.8 | 0.05 | 10 | 9.9 | 0.5 | 5.1 | 390 | 0.5 | 0.6 | 8.3 | 2863 | 1.5 |
| SA5101168 | 1.4 | 0.06 | 0.06 | 0.5 | 15.9 | 510 | 6.3 | 5 | 2.7 | 0.05 | 2.7 | 3.5 | 0.5 | 16.9 | 38 | 0.1 | 2.1 | 3.4 | 316 | 1.8 |
| SA5101169 | 1.0 | 0.67 | 0.66 | 3.3 | 17.8 | 1171 | 2.2 | 20 | 21.0 | 0.05 | 5.3 | 5.8 | 0.5 | 5.1 | 142 | 0.1 | 0.6 | 4.4 | 1799 | 2.1 |
| SA5101170 | 2.3 | 1.6 | 1.85 | 7.8 | 15.9 | 743 | 0.5 | 32 | 39.5 | 0.05 | 7.1 | 8.3 | 0.5 | 4.9 | 356 | 0.4 | 0.6 | 4 | 3413 | 5.7 |
| SA5101171 | 4.0 | 0.07 | 0.07 | 0.5 | 7.2 | 233 | 3.7 | 2.5 | 1 | 0.10 | 1 | 1.3 | 0.5 | 2.1 | 37 | 0.1 | 0.25 | 1.1 | 263 | 2.3 |
| SA5101172 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101173 | 6.4 | 0.06 | 0.07 | 0.5 | 17.3 | 486 | 2.2 | 2.5 | 4.2 | 0.05 | 1.8 | 2.1 | 0.5 | 8.7 | 45 | 0.1 | 0.9 | 3.6 | 317 | 5.3 |
| SA5101174 | 3.3 | 0.06 | 0.06 | 0.5 | 6.5 | 280 | 1.4 | 2.5 | 6.2 | 0.05 | 0.8 | 1.3 | 0.5 | 2.5 | 31 | 0.1 | 0.25 | 1.4 | 166 | 0.9 |
| SA5101175 | 4.9 | 0.025 | 0.03 | 0.5 | 7.4 | 195 | 1.5 | 2.5 | 4.2 | 0.05 | 0.5 | 0.7 | 0.5 | 1 | 20 | 0.1 | 0.25 | 0.3 | 87 | 0.7 |
| SA5101176 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101177 | 2.6 | 0.27 | 0.26 | 2.9 | 9.7 | 457 | 8.5 | 2.5 | 9.1 | 0.05 | 2.1 | 2.6 | 0.5 | 3.5 | 73 | 0.1 | 0.25 | 1.7 | 651 | 1.9 |
| SA5101178 | 0.5 | 0.1 | 0.11 | 1.6 | 15.7 | 399 | 1.7 | 2.5 | 4.4 | 0.05 | 1.5 | 2.1 | 0.5 | 3.8 | 59 | 0.1 | 0.25 | 2.1 | 408 | 1.3 |
| SA5101179 | 0.5 | 0.025 | 0.02 | 0.5 | 10.1 | 455 | 4.9 | 2.5 | 1 | 0.05 | 0.5 | 0.7 | 0.5 | 0.5 | 27 | 0.1 | 0.25 | 0.3 | 87 | 0.05 |
| SA5101180 | 0.5 | -9 | 0.13 | 2.5 | 9.8 | 506 | 16.6 | -9 | 3.5 | -9 | -9 | 1.3 | -9 | -9 | 51 | -9 | -9 | -9 | 243 | -9 |
| SA5101181 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101182 | 1.2 | 0.14 | 0.15 | 2.1 | 15.3 | 400 | 6.3 | 2.5 | 6.5 | 0.05 | 2 | 2.4 | 0.5 | 3.9 | 54 | 0.1 | 0.25 | 2.4 | 451 | 1.6 |
| SA5101183 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101184 | 1.5 | 0.2 | 0.21 | 1.7 | 16.8 | 363 | 28.7 | 6 | 5.0 | 0.05 | 2.4 | 3.2 | 0.5 | 3.4 | 69 | 0.1 | 0.25 | 1.9 | 664 | 1.1 |
| SA5101185 | 4.3 | 2.3 | 2.32 | 8.1 | 14.0 | 569 | 0.5 | 37 | 38.2 | 0.05 | 7.7 | 8.1 | 0.5 | 5.3 | 439 | 0.4 | 0.5 | 3.9 | 3197 | 3.3 |
| SA5101186 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101187 | 5.0 | 1 | 1.06 | 5.5 | 13.8 | 606 | 1.4 | 17 | 19.0 | 0.05 | 4.9 | 6.0 | 0.5 | 5.8 | 224 | 0.1 | 0.6 | 3.6 | 1771 | 2.9 |
| SA5101188 | 8.0 | 1 | 1.12 | 8.3 | 21.2 | 895 | 3.1 | 19 | 22.3 | 0.05 | 7.2 | 8.4 | 0.5 | 10 | 206 | 0.2 | 1 | 5.6 | 2656 | 6.4 |
| SA5101189 | 1.6 | 1.3 | 1.50 | 5.3 | 12.2 | 549 | 1.2 | 21 | 25.2 | 0.05 | 4.9 | 5.8 | 0.5 | 3.2 | 306 | 0.3 | 0.25 | 2.6 | 2323 | 1.9 |
| SA5101190 | 10.7 | 0.19 | 0.25 | 1.4 | 10.3 | 310 | 8.0 | 7 | 7.3 | 0.05 | 1.2 | 1.8 | 0.5 | 1.9 | 89 | 0.1 | 0.25 | 1.1 | 569 | 13.5 |
| SA5101191 | 1.1 | 0.07 | 0.08 | 0.5 | 7.9 | 337 | 2.5 | 2.5 | 5.2 | 0.05 | 1.1 | 1.4 | 0.5 | 1.8 | 98 | 0.1 | 0.25 | 1.1 | 292 | 1.6 |
| SA5101192 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | 5.1 | -9 | 0.76 | 11.4 | 91.1 | 3093 | 46.4 | -9 | 132.1 | -9 | -9 | 38.1 | -9 | -9 | 247 | -9 | -9 | -9 | 4923 | -9 |
| SA5101194 | 4.8 | 0.17 | 0.18 | 1.9 | 10.3 | 510 | 9.0 | 10 | 9.9 | 0.05 | 2 | 2.6 | 0.5 | 3.3 | 56 | 0.1 | 0.25 | 1.9 | 658 | 2.4 |
| SA5101195 | 1.5 | 0.72 | 0.88 | 3.9 | 10.3 | 433 | 0.5 | 10 | 21.0 | 0.05 | 3.2 | 4.1 | 0.5 | 2.8 | 175 | 0.1 | 0.25 | 2.4 | 1925 | 2.2 |
| SA5101196 | 5.3 | 0.66 | 0.69 | 5.2 | 14.9 | 646 | 5.1 | 8 | 15.8 | 0.05 | 4.8 | 5.8 | 0.5 | 5.3 | 149 | 0.2 | 0.25 | 3.8 | 1858 | 3.1 |
| SA5101197 | 2.2 | 0.16 | 0.19 | 2.5 | 14 | 411 | 1.2 | 2.5 | 5.6 | 0.05 | 2 | 2.3 | 0.5 | 2.8 | 62 | 0.1 | 0.25 | 1.5 | 462 | 1 |
| SA5101198 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101199 | 1.1 | 0.08 | 0.07 | 0.5 | 9.9 | 423 | 16.0 | 2.5 | 1 | 0.05 | 0.9 | 1.0 | 0.5 | 0.9 | 32 | 0.1 | 0.25 | 0.7 | 202 | 1 |
| SA5101200 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101201 | 1.1 | 0.26 | 0.29 | 1.7 | 11.9 | 332 | 1.8 | 2.5 | 6.5 | 0.05 | 2.2 | 2.9 | 0.5 | 4 | 72 | 0.1 | 0.25 | 2.2 | 770 | 1.4 |
| SA5101202 | 1.9 | 0.09 | 0.11 | 1.5 | 12.4 | 333 | 3.6 | 2.5 | 5.2 | 0.05 | 1.9 | 2.4 | 0.5 | 4.8 | 39 | 0.1 | 0.25 | 1.8 | 344 | 1.8 |
| SA5101203 | 2.3 | -9 | 0.22 | 11.9 | 15.6 | 788 | 6.4 | -9 | 8.4 | -9 | -9 | 4.7 | -9 | -9 | 56 | -9 | -9 | -9 | 600 | -9 |
| SA5101204 | 2.0 | -9 | 1.74 | 8.4 | 22.9 | 718 | 48.5 | -9 | 26.6 | -9 | -9 | 8.0 | -9 | -9 | 307 | -9 | -9 | -9 | 2665 | -9 |
| SA5101205 | 4.4 | 0.07 | 0.08 | 3.1 | 10.7 | 374 | 11.5 | 2.5 | 2.4 | 0.05 | 0.6 | 1.2 | 0.5 | 1.2 | 53 | 0.1 | 0.25 | 0.5 | 210 | 0.4 |
| SA5101206 | 0.5 | 0.37 | 0.42 | 5.2 | 15.4 | 340 | 3.3 | 6 | 8.6 | 0.05 | 1.8 | 2.5 | 0.5 | 1.3 | 111 | 0.1 | 0.25 | 1 | 783 | 0.5 |
| SA5101207 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101208 | 1.1 | 0.09 | 0.09 | 5.6 | 12.5 | 405 | 7.9 | 7 | 6.2 | 0.05 | 1.1 | 1.6 | 0.5 | 2.6 | 47 | 0.1 | 0.25 | 1.3 | 221 | 3.2 |
| SA5101209 | 1.3 | 0.09 | 0.11 | 1.5 | 16.8 | 308 | 4.5 | 2.5 | 4.2 | 0.05 | 1.1 | 1.4 | 0.5 | 1.7 | 52 | 0.3 | 0.25 | 1 | 280 | 0.7 |
| SA5101210 | 4.5 | 0.09 | 0.08 | 3.0 | 12.5 | 424 | 9.8 | 2.5 | 1 | 0.05 | 1.6 | 1.8 | 0.5 | 4.7 | 64 | 0.1 | 0.25 | 1.1 | 218 | 47.9 |
| SA5101211 | 3.0 | 0.2 | 0.25 | 4.4 | 23.3 | 458 | 11.7 | 2.5 | 7.0 | 0.05 | 2.4 | 2.8 | 0.5 | 4.3 | 72 | 0.3 | 0.5 | 1.7 | 886 | 3.4 |
| SA5101212 | 1.5 | 0.07 | 0.07 | 1.4 | 10.2 | 225 | 7.3 | 2.5 | 5.8 | 0.05 | 1.2 | 1.7 | 0.5 | 9.4 | 30 | 0.1 | 1 | 1.4 | 202 | 6.6 |
| SA5101213 | 1.3 | 0.09 | 0.09 | 3.4 | 9.2 | 481 | 14.7 | 6 | 1 | 0.20 | 0.6 | 0.7 | 0.5 | 0.6 | 52 | 0.1 | 0.25 | 0.3 | 166 | 1 |
| SA5101214 | 2.2 | 2 | 1.92 | 8.2 | 20.4 | 560 | 0.5 | 24 | 30.1 | 0.05 | 8.2 | 8.0 | 0.5 | 3.4 | 380 | 0.1 | 0.25 | 2.8 | 4128 | 1.8 |
| SA5101215 | 0.5 | 0.26 | 0.25 | 7.2 | 15.0 | 366 | 17.0 | 2.5 | 7.4 | 0.20 | 2 | 1.9 | 0.5 | 1.2 | 81 | 0.1 | 0.25 | 1 | 533 | 0.7 |
| SA5101216 | 2.4 | 0.11 | 0.12 | 1.5 | 13.2 | 403 | 5.2 | 2.5 | 7.0 | 0.05 | 1.2 | 1.9 | 0.5 | 1.8 | 57 | 0.1 | 0.25 | 1 | 451 | 0.6 |
| SA5101217 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101218 | 0.5 | 2.2 | 2.20 | 7.7 | 21.8 | 538 | 5.8 | 27 | 34.5 | 0.05 | 7.3 | 7.2 | 0.5 | 4 | 430 | 0.3 | 0.25 | 2.8 | 2920 | 1 |
| SA5101219 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101220 | 3.1 | 0.32 | 0.37 | 4.0 | 12.9 | 426 | 11.7 | 2.5 | 9.7 | 0.05 | 1.9 | 2.5 | 0.5 | 2.1 | 103 | 0.1 | 0.25 | 0.9 | 605 | 1.9 |
| SA5101221 | 0.5 | 0.08 | 0.08 | 2.5 | 19.5 | 383 | 8.2 | 2.5 | 6.8 | 0.05 | 1.4 | 1.7 | 0.5 | 1.9 | 44 | 0.1 | 0.25 | 1 | 250 | 1 |
| SA5101222 | 3.0 | 0.09 | 0.09 | 1.1 | 11.7 | 338 | 5.1 | 2.5 | 2.3 | 0.05 | 1 | 1.1 | 0.5 | 0.7 | 42 | 0.1 | 0.25 | 0.7 | 245 | 0.2 |
| SA5101223 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101224 | 3.3 | 0.19 | 0.19 | 3.5 | 16.2 | 547 | 6.6 | 2.5 | 6.9 | 0.05 | 2.2 | 2.6 | 0.5 | 5.1 | 71 | 0.1 | 0.5 | 2.2 | 571 | 12.5 |
| SA5101225 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101226 | 1.2 | 0.07 | 0.09 | 1.4 | 17.9 | 256 | 6.9 | 2.5 | 6.0 | 0.05 | 0.9 | 1.0 | 0.5 | 0.9 | 74 | 0.1 | 0.25 | 0.6 | 224 | 5.3 |
| SA5101227 | 2.6 | 0.4 | 0.42 | 2.5 | 14.1 | 325 | 4.9 | 6 | 9.7 | 0.05 | 1.8 | 2.3 | 0.5 | 1.8 | 111 | 0.1 | 0.25 | 1 | 724 | 8.3 |
| SA5101228 | 0.5 | 0.28 | 0.25 | 5.0 | 16.7 | 417 | 74.2 | 10 | 5.5 | 0.05 | 1.8 | 2.3 | 0.5 | 2 | 83 | 0.1 | 0.25 | 1.2 | 573 | 2.5 |
| SA5101229 | 1.7 | 0.34 | 0.34 | 2.1 | 12.2 | 474 | 10.6 | 15 | 16.0 | 0.05 | 1.4 | 1.7 | 0.5 | 3.2 | 96 | 0.1 | 0.25 | 10.8 | 533 | 1.9 |
| SA5101230 | 2.7 | 0.15 | 0.17 | 2.1 | 16.5 | 320 | 3.3 | 2.5 | 1 | 0.05 | 1.4 | 1.7 | 0.5 | 1.2 | 59 | 0.1 | 0.25 | 1 | 419 | 2 |
| SA5101231 | 3.1 | 0.21 | 0.25 | 2.1 | 18 | 380 | 7.3 | 2.5 | 2.0 | 0.05 | 1.6 | 2.1 | 0.5 | 1.4 | 79 | 0.1 | 0.25 | 1 | 647 | 1.5 |
| SA5101232 | 2.7 | 0.14 | 0.15 | 1.6 | 15.0 | 286 | 1.4 | 2.5 | 3.6 | 0.05 | 1.2 | 1.5 | 0.5 | 1.2 | 56 | 0.1 | 0.25 | 0.7 | 407 | 1.7 |
| SA5101233 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101234 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101235 | 3.7 | 0.06 | 0.06 | 1.1 | 11.0 | 351 | 4.6 | 2.5 | 5.7 | 0.05 | 0.9 | 1.0 | 0.5 | 1 | 41 | 0.1 | 0.25 | 0.5 | 149 | 3.4 |
| SA5101236 | 1.5 | 0.07 | 0.07 | 0.5 | 6.4 | 216 | 6.0 | 2.5 | 1 | 0.05 | 0.6 | 0.7 | 0.5 | 1 | 34 | 0.1 | 0.25 | 0.4 | 171 | 5.1 |
| SA5101237 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101238 | 12.5 | 0.1 | 0.13 | 3.1 | 11.4 | 258 | 3.4 | 2.5 | 3.2 | 0.05 | 0.7 | 0.9 | 0.5 | 0.7 | 75 | 0.1 | 0.25 | 0.5 | 210 | 5.1 |
| SA5101239 | 1.3 | 0.13 | 0.15 | 1.1 | 11.0 | 277 | 7.6 | 2.5 | 4.0 | 0.05 | 1.2 | 1.4 | 0.5 | 0.8 | 80 | 0.1 | 0.25 | 0.6 | 394 | 0.8 |
| SA5101240 | 3.7 | 0.22 | 0.20 | 2.6 | 20.1 | 405 | 2.8 | 9 | 5.2 | 0.05 | 2.2 | 2.5 | 0.5 | 3.1 | 63 | 0.1 | 0.25 | 1.8 | 624 | 1.7 |
| SA5101241 | 2.0 | 0.22 | 0.24 | 4.0 | 13.3 | 922 | 1.1 | 2.5 | 6.4 | 0.05 | 2.8 | 4.1 | 0.5 | 6.2 | 63 | 0.1 | 0.6 | 3.5 | 768 | 2 |
| SA5101242 | 3.2 | 0.19 | 0.23 | 1.5 | 11.8 | 288 | 0.5 | 7 | 6.8 | 0.05 | 1.5 | 2.0 | 0.5 | 2.9 | 64 | 0.1 | 0.25 | 1.2 | 590 | 3 |
| SA5101243 | 8.0 | 0.07 | 0.08 | 0.5 | 18.2 | 333 | 15.1 | 2.5 | 8.1 | 0.05 | 1.1 | 1.5 | 0.5 | 4.9 | 41 | 0.1 | 0.25 | 0.9 | 214 | 81 |
| SA5101244 | 3.0 | 0.21 | 0.22 | 1.4 | 10.9 | 353 | 2.4 | 6 | 4.1 | 0.05 | 1.5 | 1.7 | 0.5 | 1.9 | 64 | 0.2 | 0.25 | 1.1 | 526 | 12.1 |
| SA5101245 | 6.0 | 0.12 | 0.13 | 1.3 | 13.2 | 952 | 0.5 | 7 | 6.9 | 0.05 | 2 | 2.3 | 0.5 | 3.9 | 50 | 0.1 | 0.25 | 2.1 | 530 | 3.7 |
| SA5101246 | 1.0 | 0.025 | 0.05 | 0.5 | 11.6 | 384 | 4.1 | 2.5 | 2.5 | 0.05 | 0.8 | 1.0 | 0.5 | 0.8 | 37 | 0.1 | 0.25 | 0.5 | 131 | 1.4 |
| SA5101247 | 3.2 | 0.67 | 0.99 | 5.2 | 19.1 | 981 | 1.3 | 13 | 24.1 | 0.05 | 3.2 | 7.1 | 0.5 | 1.8 | 205 | 0.1 | 0.25 | 1.6 | 2563 | 2.5 |
| SA5101248 | 0.5 | 0.94 | 0.71 | 2.5 | 5.5 | 627 | 7.9 | 19 | 9.5 | 0.05 | 5.9 | 3.9 | 0.5 | 3.9 | 163 | 0.1 | 0.25 | 3.7 | 1316 | 4.4 |
| SA5101249 | 1.1 | 0.06 | 0.06 | 0.5 | 7.7 | 784 | 3.5 | 6 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 0.8 | 42 | 0.1 | 0.25 | 1 | 195 | 0.4 |
| SA5101250 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101251 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101252 | 0.5 | 1.1 | 0.99 | 4.5 | 14.4 | 508 | 0.5 | 22 | 20.8 | 0.05 | 4.9 | 5.2 | 0.5 | 2 | 175 | 0.4 | 0.25 | 3.4 | 2055 | 2.1 |
| SA5101253 | 1.2 | 0.51 | 0.55 | 2.7 | 16.7 | 807 | 6.5 | 14 | 13.3 | 0.05 | 3.2 | 4.0 | 0.5 | 1.7 | 105 | 0.1 | 0.25 | 2.7 | 1557 | 1.1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | 1.0 | 0.56 | 0.57 | 4.9 | 13.0 | 602 | 5.9 | 70 | 72.2 | 0.20 | 6.8 | 7.5 | 0.5 | 4.4 | 95 | 0.5 | 0.7 | 4.5 | 2412 | 9.3 |
| SA5101255 | 1.5 | 0.12 | 0.12 | 1.2 | 7.4 | 443 | 1.5 | 16 | 12.5 | 0.20 | 1.8 | 2.1 | 0.5 | 3 | 38 | 0.1 | 0.25 | 1.5 | 428 | 19.6 |
| SA5101256 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101257 | 3.0 | 0.025 | 0.03 | 0.5 | 5.3 | 519 | 4.4 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 2.2 | 56 | 0.1 | 0.25 | 1 | 107 | 1.3 |
| SA5101258 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101259 | 2.9 | 0.1 | 0.10 | 2.0 | 15.1 | 453 | 1.6 | 2.5 | 1 | 0.05 | 1.1 | 1.5 | 0.5 | 1.4 | 67 | 0.1 | 0.25 | 0.9 | 289 | 0.7 |
| SA5101260 | 2.4 | 0.06 | 0.07 | 0.5 | 10.4 | 398 | 0.5 | 2.5 | 3.7 | 0.05 | 0.8 | 1.0 | 0.5 | 0.9 | 46 | 0.1 | 0.25 | 0.7 | 190 | 0.6 |
| SA5101261 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101262 | 2.2 | 0.025 | 0.04 | 1.0 | 8.1 | 396 | 3.4 | 2.5 | 1 | 0.05 | 0.6 | 1.0 | 0.5 | 1.5 | 36 | 0.1 | 0.25 | 0.9 | 108 | 0.05 |
| SA5101263 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101264 | 5.4 | 0.1 | 0.10 | 1.3 | 12.4 | 390 | 4.9 | 2.5 | 2.6 | 0.05 | 1.1 | 1.4 | 0.5 | 2 | 48 | 0.1 | 0.25 | 0.9 | 300 | 4.9 |
| SA5101265 | 3.0 | 0.24 | 0.24 | 2.3 | 14.8 | 456 | 3.0 | 5 | 5.0 | 0.05 | 1.9 | 2.5 | 0.5 | 3.3 | 79 | 0.1 | 0.25 | 1.5 | 624 | 1.8 |
| SA5101266 | 1.3 | 0.39 | 0.40 | 3.8 | 17.4 | 2471 | 3.2 | 16 | 9.4 | 0.05 | 3 | 3.6 | 0.5 | 3.5 | 93 | 0.3 | 0.5 | 3.3 | 1260 | 0.8 |
| SA5101267 | 0.5 | 0.16 | 0.17 | 1.3 | 8.9 | 278 | 2.1 | 2.5 | 6.0 | 0.05 | 1.1 | 1.6 | 0.5 | 1.9 | 60 | 0.1 | 0.25 | 1 | 381 | 0.6 |
| SA5101268 | 2.1 | -9 | 0.32 | 3.8 | 17.6 | 1653 | 10.8 | -9 | 10.6 | -9 | -9 | 3.2 | -9 | -9 | 78 | -9 | -9 | -9 | 970 | -9 |
| SA5101269 | 0.5 | 0.86 | 1.02 | 7.5 | 21.4 | 642 | 1.8 | 8 | 14.0 | 0.05 | 4.3 | 5.5 | 0.5 | 5.6 | 234 | 0.3 | 0.6 | 2.1 | 2607 | 1 |
| SA5101270 | 1.3 | 0.13 | 0.14 | 1.3 | 7.0 | 641 | 4.8 | 2.5 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 2.7 | 73 | 0.1 | 0.25 | 0.8 | 304 | 1.1 |
| SA5101271 | 1.1 | 0.11 | 0.11 | 1.1 | 11.5 | 474 | 4.9 | 2.5 | 1 | 0.20 | 1.3 | 1.7 | 0.5 | 2.4 | 62 | 0.1 | 0.25 | 1.2 | 388 | 0.5 |
| SA5101272 | 0.5 | 0.08 | 0.08 | 0.5 | 8.4 | 279 | 0.5 | 2.5 | 4.4 | 0.05 | 1 | 1.4 | 0.5 | 3.9 | 38 | 0.1 | 0.25 | 0.9 | 212 | 0.4 |
| SA5101273 | 1.0 | 0.26 | 0.26 | 4.4 | 15.0 | 480 | 8.3 | 2.5 | 5.7 | 0.05 | 4.5 | 5.6 | 0.5 | 3.9 | 67 | 0.1 | 0.25 | 2.1 | 1365 | 0.5 |
| SA5101274 | 0.5 | 0.025 | 0.03 | 0.5 | 11.9 | 352 | 20.2 | 2.5 | 3.3 | 0.05 | 1 | 1.4 | 0.5 | 3.1 | 34 | 0.1 | 0.25 | 1.3 | 182 | 0.2 |
| SA5101275 | 1.1 | 0.05 | 0.05 | 0.5 | 12.8 | 462 | 7.2 | 7 | 3.1 | 0.05 | 1 | 1.3 | 0.5 | 1.9 | 42 | 0.1 | 0.25 | 1.1 | 174 | 0.4 |
| SA5101276 | 0.5 | 0.35 | 0.38 | 1.9 | 24 | 456 | 4.5 | 7 | 2.2 | 0.05 | 2.3 | 3.3 | 0.5 | 5 | 119 | 0.1 | 0.25 | 1.5 | 854 | 0.9 |
| SA5101277 | 1.4 | 0.1 | 0.10 | 1.0 | 10.6 | 570 | 5.6 | 2.5 | 4.4 | 0.05 | 1.5 | 2.0 | 0.5 | 4.9 | 43 | 0.1 | 0.25 | 1.7 | 417 | 1.1 |
| SA5101278 | 1.3 | 0.05 | 0.06 | 0.5 | 6.2 | 310 | 6.5 | 2.5 | 4.7 | 0.05 | 0.8 | 1.2 | 0.5 | 2.6 | 40 | 0.1 | 0.25 | 1 | 222 | 0.5 |
| SA5101279 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101280 | 0.5 | 0.05 | 0.05 | 0.5 | 12.0 | 384 | 1.7 | 2.5 | 4.1 | 0.05 | 1.2 | 1.6 | 0.5 | 3.4 | 37 | 0.3 | 0.25 | 1.5 | 226 | 0.3 |
| SA5101281 | 3.1 | 0.09 | 0.08 | 1.8 | 9.1 | 1138 | 0.5 | 2.5 | 1 | 0.05 | 1.4 | 1.7 | 0.5 | 3.1 | 57 | 0.1 | 0.25 | 1 | 326 | 0.4 |
| SA5101282 | 0.5 | 0.92 | 0.93 | 5.5 | 13.3 | 779 | 11.3 | 11 | 21.1 | 0.05 | 5.1 | 5.7 | 0.5 | 7.4 | 204 | 0.3 | 0.9 | 3.2 | 2049 | 1 |
| SA5101283 | 1.3 | 0.44 | 0.48 | 4.0 | 11.1 | 1090 | 6.7 | 9 | 14.8 | 0.05 | 3.5 | 4.5 | 0.5 | 5.7 | 126 | 0.3 | 0.6 | 2.4 | 1422 | 0.8 |
| SA5101284 | 2.8 | 0.34 | 0.38 | 2.3 | 12.5 | 869 | 2.4 | 8 | 2.6 | 0.05 | 3.4 | 4.4 | 0.5 | 7 | 110 | 0.2 | 0.6 | 2.7 | 1013 | 1.2 |
| SA5101285 | 2.6 | -9 | 0.10 | 0.5 | 3.5 | 624 | 22.0 | -9 | 3.0 | -9 | -9 | 0.7 | -9 | -9 | 56 | -9 | -9 | -9 | 194 | -9 |
| SA5101286 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101287 | 0.5 | 0.23 | 0.24 | 1.6 | 5.8 | 362 | 7.6 | 2.5 | 7.4 | 0.05 | 1.8 | 2.2 | 0.5 | 2.9 | 71 | 0.1 | 0.25 | 0.9 | 674 | 0.7 |
| SA5101288 | 3.3 | 0.025 | 0.05 | 0.5 | 4.3 | 599 | 3.5 | 2.5 | 1 | 0.05 | 0.8 | 1.1 | 0.5 | 2.4 | 35 | 0.1 | 0.25 | 1 | 180 | 0.9 |
| SA5101289 | 3.2 | 0.16 | 0.16 | 1.5 | 6.9 | 1029 | 2.0 | 2.5 | 3.5 | 0.05 | 2 | 2.5 | 0.5 | 4.2 | 54 | 0.1 | 0.25 | 2 | 529 | 1 |
| SA5101290 | 1.3 | 0.08 | 0.08 | 0.5 | 4.8 | 405 | 3.5 | 2.5 | 3.5 | 0.05 | 1.1 | 1.5 | 0.5 | 2.9 | 35 | 0.1 | 0.25 | 1.2 | 290 | 0.7 |
| SA5101291 | 0.5 | 0.17 | 0.18 | 1.3 | 8.9 | 536 | 2.5 | 2.5 | 3.1 | 0.05 | 1.7 | 2.1 | 0.5 | 4.8 | 59 | 0.2 | 0.25 | 1.9 | 528 | 0.7 |
| SA5101292 | 1.5 | 0.53 | 0.58 | 4.5 | 12 | 811 | 4.8 | 9 | 11.8 | 0.05 | 3.9 | 4.7 | 0.5 | 7.5 | 136 | 0.1 | 0.7 | 3.1 | 1402 | 1.2 |
| SA5101293 | 2.6 | 0.19 | 0.21 | 1.2 | 6.0 | 917 | 0.5 | 2.5 | 4.3 | 0.05 | 1.5 | 2.0 | 0.5 | 3.7 | 61 | 0.1 | 0.25 | 1.5 | 535 | 0.6 |
| SA5101294 | 2.3 | 0.07 | 0.07 | 0.5 | 9.1 | 544 | 0.5 | 2.5 | 1 | 0.05 | 1 | 1.2 | 0.5 | 4.2 | 47 | 0.1 | 0.25 | 1 | 173 | 0.5 |
| SA5101295 | 0.5 | 0.14 | 0.15 | 1.2 | 9.4 | 597 | 11.3 | 7 | 1 | 0.05 | 1.4 | 1.9 | 0.5 | 4.7 | 56 | 0.1 | 0.25 | 1.6 | 456 | 0.5 |
| SA5101296 | 2.7 | 0.53 | 0.54 | 6.9 | 17.5 | 2857 | 3.3 | 10 | 12.4 | 0.05 | 4.9 | 5.9 | 0.5 | 13.3 | 136 | 0.1 | 1.3 | 5.2 | 1467 | 1.4 |
| SA5101297 | 1.1 | 0.025 | 0.03 | 0.5 | 9.5 | 291 | 1.3 | 2.5 | 1 | 0.05 | 1 | 1.0 | 0.5 | 2.5 | 34 | 0.1 | 0.25 | 1 | 138 | 0.3 |
| SA5101298 | 1.1 | 0.025 | 0.03 | 0.5 | 6.2 | 429 | 7.5 | 2.5 | 1 | 0.05 | 0.7 | 0.8 | 0.5 | 1.6 | 53 | 0.1 | 0.25 | 0.6 | 64 | 0.3 |
| SA5101299 | 0.5 | 0.51 | 0.54 | 3.6 | 16.5 | 1298 | 10.0 | 11 | 14.6 | 0.10 | 3.6 | 4.2 | 0.5 | 2.6 | 121 | 0.2 | 0.25 | 3 | 1687 | 0.7 |
| SA5101300 | 0.5 | 0.06 | 0.05 | 1.1 | 7.5 | 753 | 0.5 | 2.5 | 1 | 0.05 | 1.3 | 1.7 | 0.5 | 5.6 | 30 | 0.1 | 0.7 | 1.6 | 287 | 0.6 |
| SA5101301 | 1.7 | 0.19 | 0.19 | 2.2 | 12.5 | 1013 | 1.9 | 9 | 7.9 | 0.05 | 2.4 | 2.9 | 0.5 | 7.3 | 59 | 0.1 | 0.6 | 2.7 | 696 | 1 |
| SA5101302 | 2.6 | 0.06 | 0.06 | 0.5 | 16.4 | 547 | 0.5 | 2.5 | 1 | 0.05 | 1 | 1.4 | 0.5 | 4.9 | 46 | 0.1 | 0.6 | 1.7 | 227 | 0.5 |
| SA5101303 | 0.5 | 0.31 | 0.32 | 2.1 | 11.8 | 426 | 1.5 | 2.5 | 4.2 | 0.05 | 2.1 | 2.8 | 0.5 | 4.3 | 95 | 0.1 | 0.25 | 1.7 | 839 | 0.6 |
| SA5101304 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101305 | 2.0 | 0.14 | 0.17 | 0.5 | 7.8 | 371 | 1.1 | 2.5 | 3.4 | 0.05 | 1.2 | 1.7 | 0.5 | 1.9 | 65 | 0.1 | 0.25 | 0.8 | 489 | 0.8 |
| SA5101306 | 3.9 | 0.025 | 0.05 | 0.5 | 8.2 | 353 | 0.5 | 2.5 | 1 | 0.05 | 0.6 | 0.8 | 0.5 | 1 | 39 | 0.1 | 0.25 | 0.6 | 133 | 1.6 |
| SA5101307 | 1.7 | 0.08 | 0.09 | 0.5 | 8.3 | 328 | 13.7 | 2.5 | 1 | 0.05 | 1.5 | 2.1 | 0.5 | 2.3 | 47 | 0.1 | 0.25 | 1.4 | 596 | 1.9 |
| SA5101308 | 0.5 | 1.9 | 1.97 | 9.3 | 11.9 | 1041 | 11.8 | 35 | 44.5 | 0.05 | 7.8 | 8.2 | 0.5 | 4.8 | 389 | 0.6 | 0.6 | 4.6 | 4809 | 1.4 |
| SA5101309 | 1.1 | 0.025 | 0.05 | 0.5 | 12 | 356 | 3.9 | 2.5 | 1 | 0.05 | 1 | 1.3 | 0.5 | 5 | 42 | 0.1 | 0.25 | 1.5 | 194 | 0.5 |
| SA5101310 | 1.8 | 0.1 | 0.10 | 0.5 | 14.6 | 448 | 9.4 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 1.5 | 50 | 0.1 | 0.25 | 1.3 | 429 | 1.4 |
| SA5101311 | 3.8 | 0.08 | 0.08 | 0.5 | 7.0 | 372 | 1.7 | 2.5 | 1 | 0.05 | 1.3 | 1.4 | 0.5 | 2 | 59 | 0.1 | 0.25 | 1.2 | 259 | 3.6 |
| SA5101312 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101313 | 0.5 | 1.7 | 1.79 | 7.1 | 12.6 | 1750 | 1.3 | 34 | 34.3 | 0.05 | 6.9 | 6.9 | 0.5 | 3.4 | 336 | 0.6 | 0.25 | 3.6 | 3633 | 1.7 |
| SA5101314 | 3.4 | 0.05 | 0.04 | 0.5 | 5.5 | 245 | 16.7 | 2.5 | 3.5 | 0.05 | 0.7 | 0.8 | 0.5 | 5.1 | 41 | 0.1 | 0.25 | 1.1 | 133 | 58.8 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | 2.9 | 0.14 | 0.15 | 0.5 | 6.3 | 505 | 4.5 | 2.5 | 1 | 0.05 | 1.6 | 1.7 | 0.5 | 2.4 | 70 | 0.1 | 0.25 | 1.2 | 430 | 4.2 |
| SA5101316 | 2.1 | 0.25 | 0.26 | 1.1 | 7.7 | 356 | 7.1 | 5 | 3.0 | 0.05 | 1.4 | 1.8 | 0.5 | 2 | 81 | 0.1 | 0.25 | 1.4 | 638 | 8 |
| SA5101317 | 2.1 | 0.18 | 0.18 | 1.1 | 6.7 | 263 | 4.3 | 2.5 | 1 | 0.05 | 1.3 | 1.7 | 0.5 | 2.7 | 52 | 0.1 | 0.25 | 1.7 | 515 | 3.3 |
| SA5101318 | 4.3 | 0.025 | 0.04 | 0.5 | 5.8 | 226 | 7.1 | 2.5 | 2.3 | 0.05 | 0.6 | 0.8 | 0.5 | 1.9 | 30 | 0.1 | 0.25 | 0.9 | 133 | 4.3 |
| SA5101319 | 4.1 | 0.1 | 0.10 | 0.5 | 19.6 | 522 | 1.2 | 2.5 | 2.0 | 0.05 | 1.1 | 1.4 | 0.5 | 1.9 | 53 | 0.1 | 0.25 | 1.1 | 298 | 0.4 |
| SA5101320 | 2.2 | 0.13 | 0.15 | 1.7 | 14.9 | 536 | 4.2 | 2.5 | 3.7 | 0.05 | 1.5 | 1.8 | 0.5 | 2 | 56 | 0.1 | 0.25 | 1.2 | 464 | 0.5 |
| SA5101321 | 2.2 | 0.27 | 0.29 | 1.4 | 18.5 | 737 | 2.3 | 2.5 | 5.5 | 0.05 | 1.9 | 2.2 | 0.5 | 1.8 | 84 | 0.2 | 0.25 | 1.2 | 700 | 0.4 |
| SA5101322 | 21.7 | 0.12 | 0.15 | 1.7 | 18.7 | 274 | 3.2 | 2.5 | 1 | 0.05 | 1.2 | 1.4 | 0.5 | 1.1 | 47 | 0.1 | 0.25 | 0.8 | 361 | 0.6 |
| SA5101323 | 3.9 | 0.07 | 0.07 | 0.5 | 11.7 | 236 | 4.3 | 2.5 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 0.9 | 30 | 0.1 | 0.25 | 0.5 | 179 | 1.3 |
| SA5101324 | 4.3 | 0.11 | 0.12 | 0.5 | 16.8 | 414 | 1.8 | 2.5 | 1 | 0.05 | 1.3 | 1.5 | 0.5 | 1.4 | 44 | 0.1 | 0.25 | 1 | 397 | 0.3 |
| SA5101325 | 0.5 | 0.025 | 0.05 | 0.5 | 19.1 | 250 | 4.6 | 2.5 | 1 | 0.05 | 1.1 | 1.3 | 0.5 | 1.7 | 34 | 0.1 | 0.25 | 0.8 | 159 | 0.2 |
| SA5101326 | 0.5 | 0.025 | 0.04 | 0.5 | 23.2 | 300 | 4.7 | 5 | 1 | 0.05 | 2.1 | 2.4 | 0.5 | 1.6 | 55 | 0.1 | 0.25 | 0.9 | 114 | 0.3 |
| SA5101327 | 0.5 | 0.07 | 0.10 | 0.5 | 15.3 | 339 | 1.3 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 4 | 51 | 0.1 | 0.25 | 1.4 | 300 | 0.5 |
| SA5101328 | 1.2 | 0.025 | 0.04 | 0.5 | 14.8 | 394 | 4.8 | 2.5 | 1 | 0.05 | 1.2 | 1.5 | 0.5 | 4.8 | 42 | 0.1 | 0.6 | 1.7 | 209 | 0.6 |
| SA5101329 | 0.5 | 0.11 | 0.12 | 0.5 | 11.3 | 398 | 1.3 | 2.5 | 1 | 0.05 | 1.1 | 1.5 | 0.5 | 1.5 | 44 | 0.1 | 0.25 | 0.7 | 311 | 0.3 |
| SA5101330 | 1.7 | 1.5 | 1.74 | 8.4 | 38.1 | 1174 | 0.5 | 21 | 27.9 | 0.05 | 7.1 | 8.1 | 0.5 | 8.2 | 369 | 0.5 | 0.8 | 4.4 | 3171 | 1 |
| SA5101331 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101332 | 0.5 | 0.12 | 0.13 | 0.5 | 18.2 | 454 | 1.5 | 2.5 | 3.5 | 0.05 | 2.2 | 2.7 | 0.5 | 7 | 62 | 0.1 | 0.7 | 2.7 | 483 | 1.3 |
| SA5101333 | 1.1 | 0.07 | 0.07 | 0.5 | 11.5 | 376 | 0.5 | 2.5 | 4.1 | 0.05 | 1.3 | 1.5 | 0.5 | 4 | 43 | 0.1 | 0.25 | 1.4 | 259 | 0.9 |
| SA5101334 | 1.3 | 0.025 | 0.04 | 0.5 | 17.4 | 465 | 0.5 | 2.5 | 4.8 | 0.05 | 1.3 | 1.7 | 0.5 | 4.9 | 48 | 0.1 | 0.5 | 1.5 | 183 | 0.4 |
| SA5101335 | 1.1 | 1.3 | 1.35 | 7.6 | 16.5 | 1047 | 8.1 | 18 | 18.9 | 0.05 | 6.2 | 7.1 | 0.5 | 7.6 | 286 | 0.5 | 0.8 | 3.7 | 2662 | 1.2 |
| SA5101336 | 1.2 | 0.11 | 0.11 | 0.5 | 15.3 | 490 | 1.0 | 2.5 | 1 | 0.05 | 1.9 | 2.2 | 0.5 | 7 | 57 | 0.1 | 0.8 | 2.4 | 410 | 0.8 |
| SA5101337 | 1.8 | 0.025 | 0.07 | 0.5 | 12.2 | 999 | 0.5 | 2.5 | 1 | 0.05 | 1.4 | 1.9 | 0.5 | 5.4 | 48 | 0.1 | 0.6 | 1.2 | 272 | 0.9 |
| SA5101338 | 1.5 | 0.025 | 0.05 | 0.5 | 6.8 | 312 | 3.2 | 2.5 | 2.2 | 0.05 | 0.7 | 1.2 | 0.5 | 4.1 | 40 | 0.1 | 0.25 | 1.2 | 167 | 0.4 |
| SA5101339 | 3.6 | 0.29 | 0.28 | 4.0 | 14.1 | 908 | 2.5 | 7 | 8.0 | 0.05 | 3.4 | 4.0 | 0.5 | 12 | 76 | 0.1 | 1.2 | 3.9 | 884 | 1.7 |
| SA5101340 | 4.8 | 1.1 | 1.21 | 8.4 | 29.0 | 916 | 5.8 | 18 | 28.0 | 0.05 | 6.9 | 7.8 | 0.5 | 17.1 | 222 | 0.6 | 1.7 | 7.7 | 2674 | 3.5 |
| SA5101341 | 0.5 | 0.09 | 0.12 | 0.5 | 21.6 | 336 | 0.5 | 2.5 | 1 | 0.05 | 1.7 | 2.4 | 0.5 | 4 | 46 | 0.1 | 0.25 | 1.1 | 257 | 0.3 |
| SA5101342 | 0.5 | 0.025 | 0.04 | 0.5 | 10.9 | 263 | 1.1 | 2.5 | 1 | 0.05 | 0.9 | 1.2 | 0.5 | 2.2 | 23 | 0.1 | 0.25 | 0.5 | 68 | 0.1 |
| SA5101343 | 1.2 | 0.08 | 0.09 | 0.5 | 4.5 | 247 | 0.5 | 2.5 | 1 | 0.05 | 0.8 | 0.9 | 0.5 | 0.9 | 46 | 0.1 | 0.25 | 0.9 | 167 | 0.4 |
| SA5101344 | 1.1 | 0.025 | 0.04 | 0.5 | 23 | 418 | 0.5 | 2.5 | 1 | 0.05 | 1.7 | 2.1 | 0.5 | 3.6 | 36 | 0.1 | 0.5 | 1 | 109 | 0.3 |
| SA5101345 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101346 | 2.2 | 0.21 | 0.18 | 1.3 | 16.7 | 569 | 1.2 | 2.5 | 1 | 0.05 | 2.5 | 3.1 | 0.5 | 11.1 | 69 | 0.1 | 1.2 | 3.7 | 514 | 1.8 |
| SA5101347 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101348 | 0.5 | 0.11 | 0.08 | 0.5 | 12.9 | 423 | 3.2 | 2.5 | 1 | 0.05 | 1.6 | 1.8 | 0.5 | 4.4 | 47 | 0.1 | 0.6 | 1.6 | 332 | 0.9 |
| SA5101349 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101350 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101351 | 0.5 | 0.12 | 0.14 | 0.5 | 13.7 | 427 | 5.0 | 2.5 | 1 | 0.05 | 1.4 | 1.9 | 0.5 | 3 | 51 | 0.1 | 0.25 | 1 | 380 | 0.5 |
| SA5101352 | 0.5 | 0.025 | 0.04 | 0.5 | 14.9 | 357 | 14.8 | 2.5 | 1 | 0.05 | 1 | 1.2 | 0.5 | 1.2 | 41 | 0.1 | 0.25 | 0.6 | 176 | 0.05 |
| SA5101353 | 0.5 | 0.025 | 0.03 | 0.5 | 6.4 | 323 | 4.6 | 2.5 | 1 | 0.05 | 0.3 | 0.4 | 0.5 | 0.4 | 51 | 0.1 | 0.25 | 0.3 | 102 | 0.1 |
| SA5101354 | 1.3 | 0.07 | 0.08 | 0.5 | 11.8 | 404 | 2.9 | 2.5 | 3.7 | 0.05 | 0.8 | 1.1 | 0.5 | 1.3 | 42 | 0.1 | 0.25 | 0.6 | 215 | 1 |
| SA5101355 | 1.3 | 0.06 | 1.49 | 7.1 | 14.2 | 723 | 2.6 | 2.5 | 25.0 | 0.05 | 0.6 | 6.9 | 0.5 | 0.6 | 304 | 0.1 | 0.25 | 0.6 | 2488 | 0.2 |
| SA5101356 | 2.0 | 1.3 | 0.54 | 5.3 | 9.2 | 905 | 8.9 | 20 | 11.3 | 0.05 | 5.8 | 4.2 | 0.5 | 7.1 | 147 | 0.4 | 0.8 | 3.9 | 1093 | 1.2 |
| SA5101357 | 2.3 | 0.49 | 0.03 | 0.5 | 3.4 | 531 | 8.9 | 8 | 1 | 0.05 | 3.4 | 0.5 | 0.5 | 5.2 | 40 | 0.1 | 0.25 | 2.5 | 61 | 1.4 |
| SA5101358 | 2.4 | 0.025 | 0.03 | 0.5 | 3.5 | 530 | 8.8 | 2.5 | 1 | 0.05 | 0.4 | 0.5 | 0.5 | 0.7 | 40 | 0.1 | 0.25 | 0.3 | 66 | 0.1 |
| SA5101359 | 2.6 | 0.16 | 0.14 | 0.5 | 7.5 | 570 | 4.7 | 2.5 | 2.5 | 0.05 | 1.9 | 2.3 | 0.5 | 2.1 | 50 | 0.1 | 0.25 | 2 | 448 | 1.7 |
| SA5101360 | 2.1 | -9 | 0.06 | 0.5 | 5.2 | 816 | 21.5 | -9 | 3.6 | -9 | -9 | 1.1 | -9 | -9 | 43 | -9 | -9 | -9 | 139 | -9 |
| SA5101361 | 1.2 | 0.025 | 0.04 | 0.5 | 14.3 | 735 | 1.3 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 2.6 | 30 | 0.1 | 0.25 | 1.4 | 358 | 0.7 |
| SA5101362 | 1.3 | 0.1 | 0.11 | 1.3 | 12.6 | 492 | 1.3 | 2.5 | 4.0 | 0.05 | 2.2 | 2.9 | 0.5 | 5.5 | 56 | 0.1 | 0.5 | 2.4 | 478 | 0.9 |
| SA5101363 | 2.2 | 0.025 | 0.03 | 1.4 | 21.3 | 483 | 0.5 | 2.5 | 1 | 0.05 | 0.5 | 0.7 | 0.5 | 1.6 | 35 | 0.1 | 0.25 | 0.4 | 83 | 0.4 |
| SA5101364 | 3.2 | 0.95 | 1.01 | 6.3 | 14.4 | 631 | 1.2 | 17 | 13.6 | 0.05 | 5.4 | 6.2 | 0.5 | 6.4 | 213 | 0.2 | 0.8 | 3.4 | 1790 | 1.7 |
| SA5101365 | 0.5 | 0.025 | 0.03 | 0.5 | 7.6 | 356 | 6.1 | 2.5 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 1.8 | 30 | 0.1 | 0.25 | 0.9 | 115 | 0.2 |
| SA5101366 | 0.5 | 0.025 | 0.04 | 0.5 | 4.4 | 543 | 20.7 | 2.5 | 1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.4 | 45 | 0.1 | 0.25 | 0.3 | 65 | 0.05 |
| SA5101367 | 1.8 | 0.025 | 0.05 | 0.5 | 8.9 | 361 | 6.5 | 2.5 | 1 | 0.05 | 0.5 | 0.6 | 0.5 | 0.6 | 39 | 0.1 | 0.25 | 0.4 | 120 | 0.4 |
| SA5101368 | 2.9 | 0.3 | 0.33 | 3.5 | 14 | 612 | 1.9 | 11 | 5.6 | 0.05 | 3.3 | 4.1 | 0.5 | 5.7 | 88 | 0.1 | 0.7 | 3 | 914 | 1.7 |
| SA5101369 | 0.5 | 0.28 | 0.32 | 2.7 | 9.6 | 456 | 34.6 | 2.5 | 4.9 | 0.05 | 1.7 | 2.0 | 0.5 | 1.2 | 88 | 0.1 | 0.25 | 0.8 | 644 | 0.4 |
| SA5101370 | 1.8 | 0.16 | 0.18 | 1.5 | 13.2 | 400 | 13.0 | 2.5 | 5.0 | 0.05 | 1.6 | 2.1 | 0.5 | 2.1 | 66 | 0.1 | 0.25 | 1.3 | 478 | 1.4 |
| SA5101371 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101372 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101373 | 1.1 | 0.07 | 0.07 | 0.5 | 6.5 | 323 | 6.9 | 5 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 0.7 | 46 | 0.1 | 0.25 | 0.7 | 196 | 0.3 |
| SA5101374 | 2.9 | 0.025 | 0.04 | 0.5 | 9.4 | 358 | 5.1 | 2.5 | 1 | 0.05 | 0.6 | 0.7 | 0.5 | 0.6 | 30 | 0.1 | 0.25 | 0.5 | 125 | 0.7 |
| SA5101375 | 6.8 | 0.2 | 0.21 | 1.4 | 6.5 | 444 | 3.8 | 2.5 | 6.4 | 0.05 | 1.6 | 2.0 | 0.5 | 3.7 | 85 | 0.1 | 0.25 | 1.7 | 646 | 5.9 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | 3.3 | 0.025 | 0.03 | 0.5 | 4.0 | 157 | 2.2 | 2.5 | 1 | 0.05 | 0.5 | 0.6 | 0.5 | 1.9 | 20 | 0.1 | 0.25 | 0.7 | 78 | 13.3 |
| SA5101377 | 2.6 | 0.05 | 0.05 | 0.5 | 6.5 | 298 | 2.4 | 2.5 | 3.5 | 0.05 | 0.6 | 0.6 | 0.5 | 0.4 | 40 | 0.1 | 0.25 | 0.4 | 112 | 0.8 |
| SA5101378 | 1.1 | 0.12 | 0.11 | 0.5 | 18.4 | 654 | 10.4 | 2.5 | 6.3 | 0.05 | 2 | 2.2 | 0.5 | 1.6 | 38 | 0.1 | 0.25 | 2 | 604 | 1.4 |
| SA5101379 | 0.5 | 2.5 | 2.39 | 9.7 | 11.2 | 782 | 3.0 | 39 | 41.0 | 0.05 | 10 | 8.7 | 0.5 | 5 | 433 | 0.7 | 0.5 | 4.6 | 5187 | 1.2 |
| SA5101380 | 0.5 | 2.5 | 2.43 | 12.6 | 10.0 | 779 | 0.5 | 28 | 34.5 | 0.05 | 9 | 9.0 | 0.5 | 4.5 | 434 | 0.8 | 0.6 | 3 | 6312 | 0.8 |
| SA5101381 | 1.8 | 1 | 0.96 | 4.2 | 17.1 | 704 | 5.4 | 17 | 18.1 | 0.05 | 5.2 | 5.3 | 0.5 | 3 | 215 | 0.1 | 0.25 | 2.3 | 1803 | 1.4 |
| SA5101382 | 1.9 | 0.025 | 0.04 | 0.5 | 7.8 | 353 | 11.0 | 2.5 | 1 | 0.05 | 0.4 | 0.7 | 0.5 | 0.6 | 39 | 0.1 | 0.25 | 0.5 | 113 | 0.2 |
| SA5101383 | 1.4 | 0.025 | 0.02 | 0.5 | 10.4 | 327 | 2.1 | 2.5 | 3.6 | 0.05 | 0.8 | 1.0 | 0.5 | 0.9 | 37 | 0.1 | 0.25 | 0.5 | 87 | 0.4 |
| SA5101384 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101385 | 1.4 | 0.47 | 0.49 | 2.1 | 8.9 | 630 | 4.1 | 9 | 6.3 | 0.05 | 2.9 | 3.2 | 0.5 | 4.3 | 118 | 0.1 | 0.25 | 1.8 | 856 | 1.6 |
| SA5101386 | 2.0 | 0.06 | 0.06 | 0.5 | 12.1 | 464 | 0.5 | 2.5 | 1 | 0.05 | 0.9 | 1.1 | 0.5 | 2.1 | 36 | 0.1 | 0.25 | 0.7 | 157 | 1.8 |
| SA5101387 | 4.4 | 0.39 | 0.40 | 4.0 | 17.5 | 941 | 1.1 | 7 | 13.3 | 0.05 | 3.9 | 5.0 | 0.5 | 6 | 104 | 0.1 | 0.6 | 3.5 | 1027 | 2.5 |
| SA5101388 | 1.1 | 0.025 | 0.04 | 0.5 | 11.6 | 469 | 1.7 | 2.5 | 1 | 0.05 | 1.7 | 2.1 | 0.5 | 3.1 | 38 | 0.1 | 0.25 | 1.9 | 197 | 0.8 |
| SA5101389 | 1.4 | 0.025 | 0.04 | 0.5 | 13.1 | 493 | 4.0 | 2.5 | 1 | 0.05 | 1 | 1.0 | 0.5 | 1.3 | 36 | 0.1 | 0.25 | 0.6 | 147 | 0.4 |
| SA5101390 | 0.5 | -9 | 0.08 | 0.5 | 11.2 | 552 | 41.0 | -9 | 1 | -9 | -9 | 1.5 | -9 | -9 | 49 | -9 | -9 | -9 | 190 | -9 |
| SA5101391 | 1.6 | 0.16 | 0.15 | 1.4 | 10.6 | 652 | 1.7 | 10 | 3.7 | 0.05 | 2.2 | 2.6 | 0.5 | 3.6 | 57 | 0.1 | 0.25 | 2.3 | 586 | 0.8 |
| SA5101392 | 2.2 | 0.18 | 0.15 | 2.3 | 11.9 | 1105 | 1.8 | 7 | 6.5 | 0.05 | 2.5 | 3.0 | 0.5 | 4.4 | 53 | 0.1 | 0.25 | 2.2 | 594 | 1.3 |
| SA5101393 | 2.5 | 0.46 | 0.50 | 4.9 | 15.6 | 1115 | 1.1 | 6 | 12.7 | 0.05 | 3.8 | 5.1 | 0.5 | 6.1 | 118 | 0.1 | 0.5 | 2.9 | 1468 | 1.6 |
| SA5101394 | 1.6 | 0.11 | 0.12 | 0.5 | 14.8 | 342 | 3.0 | 2.5 | 2.4 | 0.05 | 1.3 | 1.6 | 0.5 | 2.4 | 50 | 0.1 | 0.25 | 1.1 | 281 | 0.8 |
| SA5101395 | 1.2 | 0.07 | 0.06 | 0.5 | 5.2 | 648 | 16.6 | 2.5 | 1 | 0.05 | 0.4 | 0.6 | 0.5 | 0.6 | 44 | 0.1 | 0.25 | 0.3 | 96 | 0.05 |
| SA5101396 | 15.5 | 0.23 | 0.24 | 1.6 | 11.4 | 483 | 1.6 | 6 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 2.3 | 97 | 0.1 | 0.25 | 1.6 | 587 | 3.4 |
| SA5101397 | 2.0 | 0.09 | 0.09 | 0.5 | 9.2 | 503 | 1.6 | 2.5 | 1 | 0.05 | 1.5 | 1.7 | 0.5 | 1.2 | 58 | 0.1 | 0.25 | 1.1 | 259 | 0.7 |
| SA5101398 | 2.3 | 0.025 | 0.04 | 0.5 | 8 | 342 | 10.0 | 2.5 | 3.3 | 0.05 | 0.8 | 0.8 | 0.5 | 0.7 | 42 | 0.1 | 0.25 | 0.6 | 123 | 0.2 |
| SA5101399 | 0.5 | 0.05 | 0.05 | 0.5 | 7.9 | 394 | 4.8 | 2.5 | 1 | 0.05 | 0.7 | 0.8 | 0.5 | 1.1 | 64 | 0.1 | 0.25 | 0.5 | 95 | 1.2 |
| SA5101400 | 1.2 | 0.21 | 0.22 | 1.1 | 8.2 | 516 | 1.9 | 2.5 | 3.3 | 0.05 | 1.8 | 2.0 | 0.5 | 1.7 | 82 | 0.1 | 0.25 | 1.2 | 500 | 4.4 |
| SA5101401 | 1.1 | 0.12 | 0.11 | 1.0 | 9.9 | 452 | 3.5 | 2.5 | 1 | 0.05 | 1.2 | 1.4 | 0.5 | 1.3 | 49 | 0.1 | 0.25 | 0.8 | 255 | 3 |
| SA5101402 | 1.6 | 0.78 | 0.84 | 3.8 | 69.0 | 897 | 2.4 | 13 | 13.2 | 0.05 | 3.6 | 4.0 | 0.5 | 3 | 192 | 0.3 | 0.25 | 1.2 | 1550 | 5.6 |
| SA5101403 | 1.2 | 1.2 | 1.41 | 6.4 | 41.6 | 723 | 3.1 | 18 | 23.6 | 0.05 | 4.7 | 6.1 | 0.5 | 4.3 | 297 | 0.4 | 0.5 | 2.2 | 2588 | 2.9 |
| SA5101404 | 1.4 | 0.08 | 0.08 | 0.5 | 14.5 | 431 | 2.8 | 2.5 | 2.1 | 0.05 | 1.7 | 2.2 | 0.5 | 3.7 | 55 | 0.1 | 0.25 | 1.6 | 262 | 0.3 |
| SA5101405 | 1.2 | 0.49 | 0.51 | 5.8 | 11.7 | 1353 | 1.3 | 9 | 13.0 | 0.05 | 4.2 | 4.9 | 0.5 | 4.8 | 125 | 0.1 | 0.6 | 3 | 1232 | 0.7 |
| SA5101406 | 1.3 | 0.19 | 0.21 | 1.6 | 11.3 | 1052 | 2.5 | 7 | 5.7 | 0.05 | 2.8 | 3.5 | 0.5 | 4.8 | 70 | 0.1 | 0.25 | 2.7 | 827 | 0.9 |
| SA5101407 | 8.4 | 0.06 | 0.06 | 0.5 | 11.6 | 338 | 10.7 | 2.5 | 1 | 0.05 | 0.9 | 1.2 | 0.5 | 1.6 | 37 | 0.1 | 0.25 | 1 | 134 | 4.8 |
| SA5101408 | 2.6 | 0.08 | 0.09 | 0.5 | 10.5 | 279 | 0.5 | 2.5 | 3.2 | 0.05 | 1.1 | 1.5 | 0.5 | 1.4 | 44 | 0.1 | 0.25 | 0.9 | 189 | 8.5 |
| SA5101409 | 0.5 | 0.07 | 0.08 | 0.5 | 7.7 | 479 | 8.6 | 2.5 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 2.9 | 55 | 0.1 | 0.25 | 1.5 | 184 | 1 |
| SA5101410 | 1.2 | 0.05 | 0.04 | 0.5 | 17.9 | 334 | 2.1 | 2.5 | 1 | 0.05 | 0.9 | 1.1 | 0.5 | 0.8 | 32 | 0.1 | 0.25 | 0.7 | 142 | 0.2 |
| SA5101411 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101412 | 1.3 | 0.06 | 0.04 | 0.5 | 11.5 | 423 | 5.3 | 2.5 | 1 | 0.05 | 1.1 | 1.2 | 0.5 | 0.9 | 45 | 0.1 | 0.25 | 1 | 117 | 0.8 |
| SA5101413 | 1.3 | 0.1 | 0.11 | 1.5 | 9.5 | 630 | 4.9 | 6 | 3.5 | 0.05 | 1.7 | 2.1 | 0.5 | 3.1 | 54 | 0.1 | 0.25 | 1.7 | 495 | 0.6 |
| SA5101414 | 1.1 | 1.3 | 1.41 | 7.3 | 15.1 | 712 | 4.5 | 23 | 30.6 | 0.05 | 6.8 | 7.8 | 0.5 | 5.1 | 299 | 0.4 | 0.6 | 4 | 2756 | 1.8 |
| SA5101415 | 2.8 | 0.45 | 0.48 | 4.3 | 15.4 | 893 | 1.7 | 11 | 16.1 | 0.05 | 4.6 | 5.5 | 0.5 | 7.1 | 121 | 0.3 | 0.8 | 4.2 | 1287 | 1.1 |
| SA5101416 | 0.5 | 0.23 | 0.24 | 2.4 | 13.4 | 505 | 3.2 | 7 | 11.2 | 0.05 | 3.1 | 3.5 | 0.5 | 5 | 78 | 0.3 | 0.25 | 2.9 | 887 | 0.8 |
| SA5101417 | 0.5 | 0.025 | 0.04 | 0.5 | 6.0 | 274 | 10.7 | 2.5 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 2.8 | 26 | 0.1 | 0.25 | 1.3 | 106 | 0.5 |
| SA5101418 | 1.7 | 0.14 | 0.13 | 1.4 | 14.5 | 651 | 24.4 | 7 | 2.0 | 0.10 | 2.4 | 2.8 | 0.5 | 5.1 | 63 | 0.1 | 0.25 | 2.7 | 535 | 0.8 |
| SA5101419 | 0.5 | 0.025 | 0.04 | 0.5 | 5.9 | 475 | 18.7 | 2.5 | 1 | 0.05 | 0.6 | 0.8 | 0.5 | 1.1 | 32 | 0.1 | 0.25 | 0.6 | 102 | 0.05 |
| SA5101420 | 1.1 | 1.5 | 1.62 | 4.2 | 9 | 541 | 0.5 | 22 | 20.9 | 0.05 | 4.4 | 5.0 | 0.5 | 2.6 | 335 | 0.1 | 0.25 | 1.7 | 2192 | 0.6 |
| SA5101421 | 0.5 | 0.025 | 0.03 | 0.5 | 6.3 | 347 | 16.8 | 2.5 | 1 | 0.05 | 0.6 | 0.7 | 0.5 | 2.1 | 32 | 0.1 | 0.25 | 0.6 | 76 | 0.4 |
| SA5101422 | 0.5 | 0.025 | 0.03 | 0.5 | 8.3 | 365 | 7.2 | 2.5 | 1 | 0.05 | 0.8 | 0.8 | 0.5 | 0.8 | 74 | 0.1 | 0.25 | 0.6 | 62 | 0.3 |
| SA5101423 | 2.0 | 1 | 0.32 | 2.7 | 11.9 | 492 | 4.1 | 17 | 1 | 0.05 | 3.5 | 1.7 | 0.5 | 3.2 | 96 | 0.2 | 0.25 | 1.7 | 465 | 2.1 |
| SA5101424 | 1.7 | 0.24 | 0.04 | 0.5 | 6.4 | 280 | 2.6 | 2.5 | 1 | 0.05 | 1.3 | 2.0 | 0.5 | 1.1 | 33 | 0.1 | 0.25 | 0.8 | 124 | 0.6 |
| SA5101425 | 0.5 | 0.025 | 0.08 | 0.5 | 6.4 | 529 | 2.0 | 2.5 | 1 | 0.05 | 1.7 | 1.9 | 0.5 | 3.1 | 61 | 0.1 | 0.25 | 1.5 | 384 | 0.7 |
| SA5101426 | 1.7 | 0.1 | 0.38 | 2.4 | 13.1 | 787 | 2.3 | 2.5 | 2.4 | 0.05 | 1.6 | 4.2 | 0.5 | 2.1 | 116 | 0.1 | 0.25 | 2 | 1031 | 0.4 |
| SA5101427 | 3.9 | 0.37 | 1.17 | 5.9 | 9.4 | 394 | 3.9 | 9 | 13.4 | 0.05 | 3.4 | 4.6 | 0.5 | 4.7 | 247 | 0.1 | 0.25 | 3.2 | 1868 | 0.9 |
| SA5101428 | 3.7 | 0.32 | 0.34 | 3.0 | 21.3 | 973 | 3.6 | 11 | 7.1 | 0.05 | 5.5 | 6.6 | 0.5 | 7.3 | 129 | 0.3 | 0.6 | 6.4 | 1078 | 3 |
| SA5101429 | 1.5 | 0.025 | 0.03 | 1.2 | 13.1 | 405 | 1.0 | 2.5 | 1 | 0.05 | 1.3 | 1.7 | 0.5 | 3.5 | 42 | 0.1 | 0.25 | 1.4 | 108 | 0.5 |
| SA5101430 | 0.5 | 0.1 | 0.10 | 0.5 | 12.1 | 409 | 2.1 | 2.5 | 1 | 0.05 | 1.6 | 2.2 | 0.5 | 2.8 | 53 | 0.1 | 0.25 | 1.8 | 334 | 0.5 |
| SA5101431 | 1.1 | 0.1 | 0.11 | 1.1 | 10.9 | 422 | 6.0 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 2.2 | 52 | 0.1 | 0.25 | 1.5 | 407 | 0.5 |
| SA5101432 | 1.3 | 0.025 | 0.03 | 0.5 | 10.8 | 420 | 5.2 | 2.5 | 1 | 0.05 | 1.1 | 1.3 | 0.5 | 1.1 | 41 | 0.1 | 0.25 | 0.8 | 114 | 0.4 |
| SA5101433 | 2.5 | 0.08 | 0.07 | 2.2 | 11.7 | 1993 | 0.5 | 2.5 | 1 | 0.05 | 3.7 | 3.9 | 0.5 | 7.9 | 68 | 0.1 | 0.7 | 2.8 | 571 | 0.9 |
| SA5101434 | 0.5 | 0.08 | 0.09 | 0.5 | 9.6 | 375 | 3.4 | 2.5 | 1 | 0.05 | 1 | 1.2 | 0.5 | 2.1 | 46 | 0.1 | 0.25 | 0.9 | 293 | 0.3 |
| SA5101435 | 1.4 | 0.17 | 0.19 | 2.0 | 13 | 578 | 2.8 | 2.5 | 1 | 0.05 | 2.7 | 3.4 | 0.5 | 4.7 | 75 | 0.1 | 0.25 | 3.5 | 633 | 0.9 |
| SA5101436 | 0.5 | 0.15 | 0.17 | 1.4 | 15.6 | 559 | 4.0 | 2.5 | 1 | 0.05 | 2.3 | 3.0 | 0.5 | 3.7 | 70 | 0.1 | 0.25 | 2.2 | 651 | 0.7 |

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | 1.5 | 0.025 | 0.03 | 0.5 | 9.9 | 297 | 9.3 | 6 | 1 | 0.05 | 0.9 | 1.1 | 0.5 | 1.8 | 37 | 0.1 | 0.25 | 1.1 | 102 | 0.4 |
| SA5101438 | 1.6 | 0.35 | 0.39 | 2.4 | 16.0 | 806 | 2.5 | 2.5 | 2.8 | 0.05 | 3.2 | 4.2 | 0.5 | 5.1 | 111 | 0.1 | 0.6 | 3.1 | 1121 | 1.2 |
| SA5101439 | 0.5 | 0.05 | 0.07 | 0.5 | 11.2 | 452 | 27.2 | 2.5 | 1 | 0.10 | 1.1 | 1.3 | 0.5 | 1.5 | 46 | 0.3 | 0.25 | 1.1 | 201 | 0.05 |
| SA5101440 | 0.5 | 0.14 | 0.17 | 2.3 | 19.0 | 734 | 0.5 | 5 | 1 | 0.05 | 2.2 | 2.5 | 0.5 | 3.9 | 64 | 0.1 | 0.25 | 1.8 | 520 | 0.5 |
| SA5101441 | 2.5 | 0.25 | 0.33 | 2.5 | 20.6 | 810 | 0.5 | 8 | 1 | 0.05 | 3.2 | 4.1 | 0.5 | 6.3 | 107 | 0.1 | 0.7 | 3.2 | 858 | 2.2 |
| SA5101442 | 2.0 | 0.1 | 0.12 | 0.5 | 13.0 | 405 | 3.7 | 2.5 | 1 | 0.05 | 1.2 | 1.5 | 0.5 | 1.5 | 55 | 0.1 | 0.25 | 1 | 309 | 0.7 |
| SA5101443 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101444 | 0.5 | 0.025 | 0.04 | 0.5 | 8.9 | 345 | 0.5 | 2.5 | 1 | 0.05 | 0.8 | 1.2 | 0.5 | 1.5 | 25 | 0.1 | 0.25 | 0.6 | 150 | 0.2 |
| SA5101445 | 0.5 | 0.025 | 0.03 | 0.5 | 8.2 | 301 | 17.1 | 2.5 | 1 | 0.05 | 0.9 | 1.0 | 0.5 | 1.5 | 37 | 0.1 | 0.25 | 0.8 | 75 | 0.2 |
| SA5101446 | 1.9 | 0.17 | 0.18 | 2.4 | 13.3 | 1240 | 0.5 | 15 | 2.8 | 0.05 | 2.5 | 3.5 | 0.5 | 4.4 | 78 | 0.1 | 0.25 | 2.9 | 849 | 0.9 |
| SA5101447 | 2.0 | 0.025 | 0.05 | 0.5 | 12.8 | 512 | 0.5 | 2.5 | 1 | 0.05 | 1.4 | 1.7 | 0.5 | 3.3 | 61 | 0.1 | 0.25 | 1.5 | 196 | 1.2 |
| SA5101448 | 0.5 | 0.025 | 0.02 | 0.5 | 6.7 | 531 | 6.8 | 2.5 | 1 | 0.05 | 1.4 | 1.7 | 0.5 | 1.5 | 50 | 0.1 | 0.25 | 1 | 115 | 0.2 |
| SA5101449 | 0.5 | 0.025 | 0.02 | 0.5 | 4.8 | 518 | 9.7 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 1.9 | 43 | 0.1 | 0.25 | 1.3 | 90 | 0.7 |
| SA5101450 | 2.5 | 0.025 | 0.06 | 1.2 | 5.8 | 1411 | 1.4 | 2.5 | 1 | 0.05 | 1.2 | 1.6 | 0.5 | 2 | 43 | 0.1 | 0.25 | 0.8 | 225 | 2.5 |
| SA5101451 | 1.8 | 0.17 | 0.19 | 2.0 | 12.3 | 837 | 5.5 | 10 | 4.8 | 0.05 | 3.3 | 4.1 | 0.5 | 5.8 | 76 | 0.1 | 0.5 | 3.4 | 695 | 0.9 |
| SA5101452 | 3.3 | 0.11 | 0.11 | 1.6 | 10.7 | 620 | 1.8 | 2.5 | 1 | 0.05 | 3.1 | 3.8 | 0.5 | 6 | 60 | 0.1 | 0.7 | 2.6 | 411 | 1.6 |
| SA5101453 | 1.6 | 0.07 | 0.08 | 1.6 | 13.2 | 1084 | 0.5 | 2.5 | 1 | 0.05 | 2.4 | 3.0 | 0.5 | 5.6 | 68 | 0.1 | 0.25 | 2.3 | 381 | 1.2 |
| SA5101454 | 2.0 | 0.08 | 0.08 | 1.1 | 12.2 | 475 | 1.9 | 8 | 1 | 0.05 | 2.2 | 2.7 | 0.5 | 3.7 | 50 | 0.1 | 0.25 | 2 | 423 | 0.8 |
| SA5101455 | 3.3 | 0.16 | 0.18 | 2.4 | 14.9 | 532 | 2.2 | 7 | 2.1 | 0.05 | 3.5 | 4.2 | 0.5 | 6 | 65 | 0.1 | 0.5 | 3.8 | 803 | 1.4 |
| SA5101456 | 2.0 | 0.92 | 0.93 | 6.2 | 14.7 | 916 | 3.7 | 20 | 24.1 | 0.05 | 7.3 | 7.7 | 0.5 | 8.7 | 202 | 0.1 | 1 | 5.4 | 2060 | 1.4 |
| SA5101457 | 0.5 | 0.025 | 0.03 | 0.5 | 9.5 | 543 | 7.2 | 2.5 | 1 | 0.05 | 1.5 | 1.8 | 0.5 | 2.4 | 29 | 0.1 | 0.25 | 1.3 | 134 | 0.3 |
| SA5101458 | 6.0 | 0.025 | 0.03 | 0.5 | 5.7 | 257 | 1.9 | 2.5 | 1 | 0.05 | 0.8 | 1.1 | 0.5 | 1.9 | 35 | 0.1 | 0.25 | 0.8 | 110 | 0.2 |
| SA5101459 | 1.1 | 0.07 | 0.09 | 1.1 | 9.7 | 389 | 2.6 | 2.5 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 4 | 45 | 0.3 | 0.25 | 2 | 351 | 0.7 |
| SA5101460 | 0.5 | 0.025 | 0.05 | 0.5 | 8 | 368 | 6.5 | 2.5 | 1 | 0.05 | 1.3 | 1.4 | 0.5 | 1.8 | 57 | 0.1 | 0.25 | 1.1 | 141 | 0.4 |
| SA5101461 | 8.1 | 0.06 | 0.05 | 0.5 | 11.9 | 382 | 3.6 | 2.5 | 1 | 0.05 | 1.9 | 2.1 | 0.5 | 3.5 | 33 | 0.1 | 0.25 | 2 | 227 | 0.7 |
| SA5101462 | 5.0 | 0.27 | 0.26 | 4.0 | 12.2 | 1664 | 0.5 | 9 | 1 | 0.05 | 4.4 | 4.8 | 0.5 | 7.5 | 74 | 0.2 | 0.9 | 3.6 | 850 | 5 |
| SA5101463 | 3.7 | 0.14 | 0.13 | 2.6 | 9.4 | 1519 | 1.1 | 6 | 1 | 0.05 | 3 | 3.5 | 0.5 | 5.5 | 43 | 0.1 | 0.5 | 2.9 | 573 | 2.7 |
| SA5101464 | 1.3 | 0.12 | 0.12 | 1.6 | 15.8 | 563 | 6.5 | 2.5 | 1 | 0.05 | 3.2 | 3.7 | 0.5 | 7.9 | 54 | 0.3 | 0.8 | 4.5 | 506 | 1.9 |
| SA5101465 | 1.1 | 0.06 | 0.04 | 0.5 | 7.4 | 558 | 2.7 | 2.5 | 1 | 0.05 | 1.5 | 1.6 | 0.5 | 2 | 48 | 0.1 | 0.25 | 1.5 | 116 | 0.8 |
| SA5101466 | 1.6 | 0.2 | 0.17 | 2.6 | 10.2 | 961 | 1.8 | 6 | 1 | 0.05 | 3.2 | 3.3 | 0.5 | 5.3 | 54 | 0.1 | 0.25 | 2.4 | 628 | 1.7 |
| SA5101467 | 2.5 | 1.8 | 1.91 | 11.2 | 13.6 | 1141 | 5.2 | 45 | 50.0 | 0.05 | 8.6 | 10.1 | 0.5 | 8.8 | 382 | 0.5 | 1.1 | 5.6 | 3446 | 3.3 |
| SA5101468 | 1.3 | 0.1 | 0.13 | 1.5 | 8.3 | 313 | 6.6 | 2.5 | 1 | 0.05 | 1.3 | 1.8 | 0.5 | 2.8 | 46 | 0.1 | 0.25 | 1.8 | 345 | 0.5 |
| SA5101469 | 1.9 | 0.07 | 0.08 | 0.5 | 10.8 | 337 | 2.7 | 2.5 | 1 | 0.05 | 1.3 | 1.6 | 0.5 | 1.5 | 43 | 0.1 | 0.25 | 1.4 | 261 | 0.7 |
| SA5101470 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101471 | 1.4 | 0.1 | 0.12 | 1.9 | 10.7 | 656 | 5.2 | 2.5 | 1 | 0.05 | 2.2 | 2.7 | 0.5 | 6.9 | 49 | 0.4 | 0.7 | 3.1 | 488 | 1.6 |
| SA5101472 | 1.4 | 0.025 | 0.04 | 0.5 | 7.9 | 388 | 4.5 | 2.5 | 1 | 0.05 | 0.9 | 1.4 | 0.5 | 4.4 | 42 | 0.1 | 0.25 | 1.9 | 196 | 0.6 |
| SA5101473 | 0.5 | 0.09 | 0.10 | 1.7 | 11.6 | 464 | 4.4 | 6 | 1 | 0.05 | 2 | 2.6 | 0.5 | 4.6 | 54 | 0.1 | 0.25 | 2.9 | 551 | 1.2 |
| SA5101474 | 1.7 | 0.06 | 0.07 | 0.5 | 7.8 | 652 | 1.4 | 2.5 | 1 | 0.05 | 1.4 | 1.9 | 0.5 | 4.2 | 37 | 0.1 | 0.25 | 1.6 | 285 | 0.8 |
| SA5101475 | 2.2 | 0.21 | 0.25 | 2.9 | 13.7 | 1052 | 2.2 | 9 | 1 | 0.05 | 2.9 | 3.6 | 0.5 | 6.3 | 83 | 0.1 | 0.6 | 2.9 | 828 | 1.3 |
| SA5101476 | 1.8 | 0.11 | 0.12 | 1.4 | 7.7 | 672 | 1.1 | 2.5 | 1 | 0.05 | 1.6 | 2.0 | 0.5 | 3.2 | 44 | 0.1 | 0.25 | 1.7 | 476 | 1 |
| SA5101477 | 7.1 | 0.26 | 0.26 | 7.1 | 17.2 | 2437 | 3.8 | 8 | 2.8 | 0.05 | 4.5 | 5.9 | 0.5 | 13 | 72 | 0.1 | 1.4 | 5.6 | 984 | 2 |
| SA5101478 | 1.8 | 0.27 | 0.34 | 3.9 | 13.4 | 727 | 3.0 | 8 | 7.4 | 0.05 | 3.7 | 4.7 | 0.5 | 10 | 92 | 0.1 | 1 | 4.6 | 1130 | 1.6 |
| SA5101479 | 1.6 | 0.025 | 0.03 | 0.5 | 10.3 | 520 | 12.7 | 6 | 1 | 0.05 | 1.1 | 1.5 | 0.5 | 1.7 | 43 | 0.1 | 0.25 | 1.4 | 167 | 0.3 |
| SA5101480 | 1.9 | 0.15 | 0.18 | 1.2 | 12 | 675 | 1.8 | 2.5 | 1 | 0.05 | 2.8 | 3.5 | 0.5 | 5.7 | 58 | 0.1 | 0.6 | 2.9 | 614 | 1.9 |
| SA5101481 | 0.5 | 0.025 | 0.02 | 0.5 | 3.8 | 190 | 1.9 | 2.5 | 1 | 0.05 | 0.6 | 0.9 | 0.5 | 1.3 | 27 | 0.1 | 0.25 | 0.7 | 77 | 0.1 |
| SA5101482 | 1.1 | 0.025 | 0.03 | 0.5 | 9.3 | 668 | 1.9 | 2.5 | 1 | 0.05 | 1.9 | 2.5 | 0.5 | 3 | 34 | 0.1 | 0.25 | 2.3 | 208 | 0.4 |
| SA5101483 | 0.5 | 0.65 | 0.70 | 3.9 | 11.2 | 656 | 20.5 | 17 | 11.2 | 0.05 | 4 | 4.5 | 0.5 | 3.8 | 158 | 0.3 | 0.25 | 2.7 | 1354 | 0.8 |
| SA5101484 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101485 | 1.6 | 0.24 | 0.29 | 4.0 | 12.7 | 687 | 3.0 | 10 | 8.8 | 0.05 | 3.6 | 4.4 | 0.5 | 13 | 83 | 0.1 | 1.3 | 6.8 | 1114 | 1.8 |
| SA5101486 | 1.7 | 0.16 | 0.18 | 4.1 | 11.6 | 668 | 6.5 | 9 | 1 | 0.05 | 3.2 | 4.0 | 0.5 | 4 | 59 | 0.1 | 0.25 | 3.5 | 938 | 1.2 |
| SA5101487 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101488 | 0.5 | 0.68 | 0.87 | 6.6 | 5.4 | 632 | 4.7 | 19 | 13.2 | 0.05 | 3.6 | 4.5 | 0.5 | 2.5 | 175 | 0.4 | 0.25 | 2.4 | 2170 | 0.4 |
| SA5101489 | 1.9 | 0.025 | 0.05 | 0.5 | 8.6 | 573 | 5.1 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 4.5 | 37 | 0.1 | 0.5 | 2.6 | 239 | 0.6 |
| SA5101490 | 0.5 | 0.06 | 0.08 | 1.6 | 6.3 | 915 | 1.1 | 2.5 | 1 | 0.05 | 1.8 | 2.3 | 0.5 | 8.1 | 36 | 0.2 | 0.8 | 2.7 | 394 | 1 |
| SA5101491 | 3.7 | 2.2 | 2.54 | 15.0 | 17.6 | 1404 | 6.3 | 60 | 67.1 | 0.05 | 11.9 | 13.0 | 0.5 | 10 | 479 | 0.9 | 1.2 | 7.3 | 4757 | 3 |
| SA5101492 | 1.3 | 0.09 | 0.11 | 0.5 | 8.3 | 826 | 3.5 | 7 | 1 | 0.05 | 1.7 | 2.1 | 0.5 | 4.7 | 48 | 0.1 | 0.25 | 1.7 | 381 | 0.8 |
| SA5101493 | 2.2 | 0.11 | 0.12 | 1.7 | 9.8 | 870 | 4.1 | 2.5 | 1 | 0.05 | 2.4 | 3.0 | 0.5 | 6 | 44 | 0.1 | 0.7 | 2.6 | 463 | 1.2 |
| SA5101494 | 1.4 | 0.32 | 0.36 | 4.9 | 10 | 1013 | 4.3 | 12 | 5.4 | 0.05 | 3 | 4.0 | 0.5 | 8.7 | 90 | 0.3 | 0.9 | 4.4 | 1284 | 1.1 |
| SA5101495 | 1.0 | 0.025 | 0.04 | 0.5 | 5.7 | 366 | 2.8 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 2.3 | 24 | 0.1 | 0.25 | 0.7 | 79 | 0.4 |
| SA5101496 | 1.7 | 1.3 | 1.33 | 5.2 | 9.2 | 529 | 3.2 | 24 | 13.5 | 0.05 | 5.3 | 6.0 | 0.5 | 6.5 | 262 | 0.5 | 0.9 | 3.4 | 1726 | 1.8 |
| SA5101497 | 1.2 | 0.08 | 0.12 | 1.6 | 6.8 | 710 | 1.7 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 5.4 | 51 | 0.4 | 0.5 | 2.2 | 524 | 0.6 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | 4.2 | 0.12 | 0.14 | 1.9 | 8.6 | 933 | 2.1 | 2.5 | 1 | 0.05 | 2.2 | 3.0 | 0.5 | 12 | 52 | 0.1 | 1 | 2.9 | 450 | 0.9 |
| SA5101499 | 0.5 | 0.16 | 0.19 | 2.9 | 9.5 | 518 | 6.0 | 2.5 | 1 | 0.05 | 2.5 | 3.2 | 0.5 | 9.4 | 58 | 0.4 | 0.9 | 5.4 | 770 | 1 |
| SA5101500 | 3.5 | 0.46 | 0.51 | 6.6 | 15.8 | 721 | 4.8 | 23 | 24.8 | 0.05 | 5.5 | 6.7 | 0.5 | 14.1 | 118 | 0.4 | 1.4 | 8.8 | 1632 | 2.1 |
| SA5101501 | 1.8 | 0.09 | 0.10 | 1.5 | 6.9 | 1077 | 2.5 | 2.5 | 1 | 0.05 | 2.1 | 2.1 | 0.5 | 6.3 | 39 | 0.1 | 0.7 | 2.7 | 410 | 0.9 |
| SA5101502 | 0.5 | 0.39 | 0.46 | 4.8 | 7.7 | 923 | 16.5 | 16 | 14.7 | 0.05 | 3.7 | 4.0 | 0.5 | 5.5 | 106 | 0.4 | 0.7 | 3.4 | 1353 | 1 |
| SA5101503 | 1.2 | 0.31 | 0.35 | 2.6 | 10.1 | 497 | 3.0 | 8 | 1 | 0.05 | 2.6 | 3.2 | 0.5 | 8.8 | 90 | 0.1 | 0.9 | 2.7 | 841 | 1.3 |
| SA5101504 | 1.2 | 0.25 | 0.29 | 2.7 | 10.7 | 622 | 8.8 | 2.5 | 1 | 0.05 | 3.2 | 3.8 | 0.5 | 11 | 76 | 0.1 | 1.1 | 4.1 | 878 | 1.3 |
| SA5101505 | 1.0 | 0.16 | 0.17 | 1.4 | 6.0 | 460 | 2.9 | 2.5 | 1 | 0.05 | 1.9 | 2.2 | 0.5 | 3.2 | 60 | 0.1 | 0.25 | 1.7 | 413 | 0.7 |
| SA5101506 | 0.5 | 0.11 | 0.11 | 0.5 | 12.1 | 644 | 3.6 | 2.5 | 3.9 | 0.05 | 2.2 | 2.8 | 0.5 | 9.1 | 48 | 0.1 | 1 | 3.5 | 446 | 1.2 |
| SA5101507 | 2.6 | 0.11 | 0.11 | 5.4 | 10.6 | 893 | 6.3 | 2.5 | 1 | 0.05 | 3.8 | 5.0 | 0.5 | 11.3 | 52 | 0.5 | 1.3 | 4.3 | 387 | 1.4 |
| SA5101508 | 8.3 | 0.12 | 0.11 | 2.6 | 12.8 | 1472 | 1.8 | 2.5 | 1 | 0.05 | 2.8 | 3.4 | 0.5 | 12.4 | 44 | 0.1 | 1.2 | 4.5 | 517 | 1.4 |
| SA5101509 | 3.0 | 0.07 | 0.06 | 1.2 | 7.6 | 840 | 5.4 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 6.1 | 33 | 0.1 | 0.6 | 2.1 | 243 | 0.5 |
| SA5101510 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101511 | 3.1 | 0.11 | 0.09 | 1.6 | 6.5 | 843 | 12.7 | 2.5 | 1 | 0.05 | 2.4 | 3.0 | 0.5 | 14.5 | 40 | 0.1 | 1.6 | 3.2 | 362 | 1.4 |
| SA5101512 | 2.1 | 0.14 | 0.15 | 3.1 | 5.7 | 1097 | 18.8 | 9 | 1 | 0.05 | 2.5 | 2.8 | 0.5 | 3.2 | 60 | 0.1 | 0.25 | 2.8 | 615 | 0.9 |
| SA5101513 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101514 | 3.6 | 0.06 | 0.05 | 3.0 | 9.8 | 435 | 11.6 | 2.5 | 1 | 0.05 | 1 | 1.6 | 0.5 | 3.9 | 26 | 0.1 | 0.25 | 1.7 | 156 | 0.4 |
| SA5101515 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101516 | 1.7 | 0.22 | 0.21 | 3.9 | 10.4 | 634 | 15.8 | 2.5 | 7.5 | 0.10 | 4 | 4.1 | 0.5 | 4.9 | 64 | 0.1 | 0.6 | 4.1 | 924 | 2.3 |
| SA5101517 | 1.7 | 0.06 | 0.06 | 1.1 | 8.3 | 452 | 3.0 | 2.5 | 1 | 0.05 | 0.9 | 1.0 | 0.5 | 1.9 | 29 | 0.1 | 0.25 | 1.1 | 161 | 0.2 |
| SA5101518 | 1.2 | 2.1 | 2.19 | 13.4 | 10.3 | 1140 | 5.7 | 47 | 39.8 | 0.05 | 10 | 10.6 | 0.5 | 7.8 | 490 | 0.8 | 0.9 | 4.5 | 4193 | 1.1 |
| SA5101519 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101520 | 1.7 | 0.15 | 0.16 | 2.1 | 7 | 778 | 4.5 | 9 | 2.7 | 0.05 | 2 | 2.6 | 0.5 | 5.6 | 52 | 0.1 | 0.25 | 2.7 | 597 | 0.7 |
| SA5101521 | 1.6 | 0.14 | 0.07 | 0.5 | 4.9 | 319 | 11.3 | 2.5 | 1 | 0.05 | 1.5 | 1.7 | 0.5 | 5.6 | 33 | 0.3 | 0.6 | 1.5 | 226 | 0.8 |
| SA5101522 | 2.0 | 0.48 | 0.50 | 5.2 | 11.8 | 1183 | 9.8 | 20 | 11.3 | 0.05 | 4.7 | 6.0 | 0.5 | 14.9 | 119 | 0.1 | 1.9 | 5.7 | 1524 | 1.8 |
| SA5101523 | 1.7 | 0.33 | 0.39 | 4.3 | 9.3 | 951 | 8.5 | 2.5 | 3.9 | 0.05 | 4.2 | 5.0 | 0.5 | 8.7 | 96 | 0.1 | 0.9 | 3.9 | 1382 | 1.1 |
| SA5101524 | 2.0 | 0.08 | 0.03 | 0.5 | 5.1 | 299 | 5.2 | 8 | 1 | 0.05 | 1 | 1.3 | 0.5 | 6.9 | 25 | 0.1 | 0.8 | 1.5 | 96 | 0.5 |
| SA5101525 | 5.1 | 0.34 | 0.34 | 8.9 | 14.9 | 2730 | 5.8 | 16 | 13.0 | 0.05 | 6.6 | 8.3 | 0.5 | 28.3 | 85 | 0.1 | 3 | 10.9 | 1373 | 2.5 |
| SA5101526 | 9.1 | 0.9 | 0.90 | 9.2 | 13.2 | 778 | 9.0 | 25 | 19.2 | 0.05 | 11 | 13.5 | 0.5 | 44.9 | 183 | 0.8 | 4.7 | 11.6 | 3088 | 6.3 |
| SA5101527 | 0.5 | 1.9 | 2.06 | 10.1 | 7.7 | 765 | 4.7 | 33 | 43.9 | 0.05 | 8.1 | 8.6 | 0.5 | 8.5 | 398 | 0.9 | 1.1 | 4.1 | 3172 | 1.1 |
| SA5101528 | 3.3 | 0.18 | 0.14 | 2.3 | 11.3 | 761 | 6.0 | 11 | 1 | 0.05 | 2.2 | 3.1 | 0.5 | 9.1 | 52 | 0.3 | 1 | 3.9 | 480 | 1.7 |
| SA5101529 | 8.6 | 0.25 | 0.26 | 4.0 | 27.1 | 572 | 3.6 | 10 | 12.3 | 0.05 | 4.9 | 5.6 | 0.5 | 17.5 | 77 | 0.1 | 2.1 | 9.1 | 985 | 4.3 |
| SA5101530 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101531 | 3.8 | 2.1 | 2.18 | 11.2 | 13.8 | 949 | 4.4 | 44 | 43.7 | 0.05 | 8.1 | 9.3 | 0.5 | 8.2 | 413 | 0.7 | 0.9 | 4.9 | 3397 | 1.9 |
| SA5101532 | 1.9 | 0.09 | 0.08 | 1.3 | 11.2 | 561 | 2.8 | 2.5 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 6.3 | 39 | 0.1 | 0.8 | 2.8 | 380 | 1.1 |
| SA5101533 | 0.5 | -9 | 0.06 | 0.5 | 25.6 | 3079 | 0.5 | -9 | 1 | -9 | -9 | 2.0 | -9 | -9 | 38 | -9 | -9 | -9 | 302 | -9 |
| SA5101534 | 0.5 | 0.06 | 0.03 | 0.5 | 9.5 | 208 | 3.8 | 2.5 | 1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.8 | 26 | 0.1 | 0.25 | 0.3 | 71 | 0.2 |
| SA5101535 | 0.5 | 0.24 | 0.25 | 1.6 | 21.3 | 714 | 4.5 | 2.5 | 1 | 0.05 | 2.7 | 2.9 | 0.5 | 3.1 | 80 | 0.1 | 0.25 | 1.7 | 763 | 0.5 |
| SA5101536 | 1.3 | 1.5 | 1.53 | 6.0 | 17.7 | 445 | 0.5 | 16 | 8.3 | 0.05 | 5.5 | 5.3 | 0.5 | 2.3 | 321 | 0.2 | 0.25 | 1.5 | 2489 | 0.4 |
| SA5101537 | 0.5 | 0.31 | 0.34 | 1.7 | 10.3 | 556 | 8.0 | 2.5 | 1 | 0.05 | 1.8 | 2.0 | 0.5 | 1 | 79 | 0.1 | 0.25 | 0.6 | 574 | 0.2 |
| SA5101538 | 2.1 | 0.16 | 0.16 | 2.3 | 12.7 | 438 | 11.6 | 2.5 | 1 | 0.05 | 1.8 | 2.0 | 0.5 | 1.2 | 66 | 0.1 | 0.25 | 1.1 | 459 | 0.4 |
| SA5101539 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101540 | 0.5 | 0.28 | 0.28 | 3.4 | 17.4 | 441 | 5.0 | 7 | 1 | 0.05 | 2.5 | 2.6 | 0.5 | 1.6 | 83 | 0.1 | 0.25 | 1.3 | 788 | 0.4 |
| SA5101541 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101542 | 0.5 | 0.12 | 0.08 | 0.5 | 8.4 | 341 | 35.6 | 2.5 | 1 | 0.05 | 1.2 | 1.5 | 0.5 | 4.9 | 43 | 0.1 | 0.7 | 1.7 | 234 | 0.5 |
| SA5101543 | 2.5 | 2.1 | 1.94 | 13.4 | 10.6 | 858 | 52.5 | 41 | 41.3 | 0.05 | 9.2 | 8.6 | 0.5 | 5.5 | 369 | 0.9 | 0.7 | 6.5 | 4534 | 1.4 |
| SA5101544 | 3.1 | 0.09 | 0.08 | 1.3 | 10.8 | 487 | 8.0 | 5 | 1 | 0.05 | 2.1 | 2.1 | 0.5 | 5.8 | 37 | 0.1 | 0.8 | 2.8 | 334 | 1 |
| SA5101545 | 2.9 | 0.83 | 0.70 | 5.4 | 10.1 | 801 | 27.8 | 16 | 12.9 | 0.05 | 4.9 | 5.1 | 0.5 | 8.9 | 155 | 0.6 | 1 | 4.9 | 1500 | 1.7 |
| SA5101546 | 1.9 | 0.24 | 0.23 | 2.8 | 12.0 | 1098 | 2.5 | 2.5 | 3.4 | 0.05 | 2.8 | 3.4 | 0.5 | 10 | 65 | 0.1 | 1 | 3.8 | 705 | 1.5 |
| SA5101547 | 3.2 | 0.15 | 0.15 | 1.3 | 5.3 | 326 | 9.9 | 10 | 4.5 | 0.05 | 1.4 | 1.5 | 0.5 | 1.5 | 44 | 0.1 | 0.25 | 1.6 | 446 | 1.2 |
| SA5101548 | 2.3 | 0.1 | 0.11 | 1.5 | 5.8 | 712 | 3.2 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 3.9 | 41 | 0.1 | 0.25 | 3.1 | 455 | 1.5 |
| SA5101549 | 2.0 | 0.14 | 0.08 | 2.1 | 8.6 | 1102 | 8.3 | 2.5 | 1 | 0.05 | 1.8 | 2.1 | 0.5 | 6.4 | 40 | 0.1 | 0.7 | 3.7 | 421 | 1.4 |
| SA5101550 | 3.1 | 0.11 | 0.08 | 1.3 | 7.8 | 474 | 3.7 | 13 | 1 | 0.05 | 1.6 | 1.8 | 0.5 | 5.6 | 40 | 0.1 | 0.25 | 2.8 | 404 | 0.8 |
| SA5101551 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101552 | 0.5 | 0.47 | 0.51 | 4.0 | 7.7 | 635 | 7.3 | 13 | 7.7 | 0.05 | 4.2 | 4.8 | 0.5 | 6.4 | 133 | 0.1 | 0.7 | 3.9 | 1375 | 1.6 |
| SA5101553 | 2.7 | 0.12 | 0.13 | 3.4 | 8.3 | 641 | 6.8 | 2.5 | 1 | 0.05 | 2.5 | 3.3 | 0.5 | 5.4 | 49 | 0.1 | 0.6 | 3.1 | 515 | 1.4 |
| SA5101554 | 2.4 | 0.05 | 0.05 | 0.5 | 5.7 | 399 | 13.7 | 2.5 | 1 | 0.05 | 1.1 | 1.2 | 0.5 | 2.1 | 28 | 0.1 | 0.25 | 1.3 | 104 | 1 |
| SA5101555 | 2.5 | 0.21 | 0.20 | 2.8 | 11.2 | 1283 | 3.7 | 9 | 1 | 0.05 | 3.5 | 4.2 | 0.5 | 7.2 | 81 | 0.1 | 0.7 | 4.3 | 937 | 1.6 |
| SA5101556 | 3.7 | 0.72 | 0.72 | 5.4 | 12.9 | 767 | 4.6 | 23 | 15.6 | 0.05 | 5.9 | 6.8 | 0.5 | 6.3 | 194 | 0.3 | 0.8 | 6.1 | 1952 | 1.8 |
| SA5101557 | 1.7 | 0.3 | 0.29 | 1.9 | 8.4 | 480 | 5.3 | 5 | 1 | 0.05 | 2.4 | 2.6 | 0.5 | 2.6 | 95 | 0.2 | 0.25 | 2.4 | 791 | 1.1 |
| SA5101558 | 1.7 | 0.025 | 0.03 | 0.5 | 13.4 | 428 | 4.5 | 2.5 | 1 | 0.05 | 1.3 | 1.7 | 0.5 | 3.1 | 44 | 0.1 | 0.25 | 1.6 | 64 | 0.6 |

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | 1.1 | 0.1 | 0.11 | 1.7 | 7.0 | 460 | 9.2 | 5 | 1 | 0.05 | 1.6 | 2.2 | 0.5 | 4.6 | 44 | 0.1 | 0.25 | 4 | 512 | 1 |
| SA5101560 | 1.9 | 0.06 | 0.07 | 0.5 | 7.5 | 416 | 3.1 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 4.4 | 34 | 0.1 | 0.25 | 2.9 | 402 | 1.5 |
| SA5101561 | 2.6 | 0.44 | 0.52 | 4.9 | 9.3 | 1118 | 3.6 | 11 | 17.2 | 0.05 | 3.1 | 4.4 | 0.5 | 6.1 | 115 | 0.2 | 0.7 | 4.4 | 1462 | 1.7 |
| SA5101562 | 3.2 | 0.07 | 0.08 | 0.5 | 14.9 | 413 | 1.9 | 2.5 | 7.1 | 0.05 | 1.5 | 2.1 | 0.5 | 5.5 | 39 | 0.1 | 0.6 | 3.6 | 373 | 1.6 |
| SA5101563 | 2.4 | 0.12 | 0.13 | 1.8 | 17.4 | 648 | 5.5 | 2.5 | 8.1 | 0.05 | 2.1 | 3.2 | 0.5 | 2.1 | 49 | 0.1 | 0.25 | 3.5 | 686 | 1.1 |
| SA5101564 | 2.2 | 1.2 | 1.27 | 7.5 | 14.6 | 900 | 4.8 | 30 | 37.7 | 0.05 | 6.1 | 7.7 | 0.5 | 10 | 257 | 0.4 | 1.2 | 5.7 | 2632 | 2.8 |
| SA5101565 | 1.3 | 0.025 | 0.04 | 0.5 | 6.5 | 275 | 0.5 | 8 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 3 | 23 | 0.1 | 0.25 | 1.4 | 137 | 0.9 |
| SA5101566 | 1.8 | 0.025 | 0.03 | 0.5 | 4.6 | 575 | 13.9 | 2.5 | 1 | 0.10 | 0.5 | 0.7 | 0.5 | 1.4 | 31 | 0.1 | 0.25 | 0.7 | 95 | 0.4 |
| SA5101567 | 2.6 | 0.09 | 0.10 | 1.9 | 13.2 | 832 | 1.8 | 2.5 | 9.0 | 0.05 | 2.4 | 3.2 | 0.5 | 10.2 | 44 | 0.1 | 1 | 6.7 | 576 | 2 |
| SA5101568 | 3.4 | 0.1 | 0.12 | 2.2 | 8.0 | 513 | 2.3 | 7 | 8.8 | 0.05 | 1.9 | 2.4 | 0.5 | 2.8 | 44 | 0.2 | 0.25 | 3 | 665 | 1.5 |
| SA5101569 | 4.6 | 0.54 | 0.61 | 5.3 | 13.0 | 936 | 16.9 | 14 | 16.1 | 0.05 | 5.1 | 6.5 | 0.5 | 6.9 | 147 | 0.3 | 0.5 | 5.7 | 1872 | 2 |
| SA5101570 | 3.9 | 1.4 | 1.49 | 8.4 | 13.7 | 994 | 10.3 | 36 | 33.7 | 0.05 | 8.2 | 9.4 | 0.5 | 7.9 | 302 | 0.6 | 0.9 | 5.8 | 3279 | 1.9 |
| SA5101571 | 9.3 | 0.08 | 0.09 | 1.3 | 10.9 | 1156 | 0.5 | 2.5 | 7.9 | 0.05 | 1.5 | 2.4 | 0.5 | 3.6 | 39 | 0.1 | 0.25 | 1.8 | 477 | 1.2 |
| SA5101572 | 12.0 | 0.71 | 0.93 | 5.9 | 27.4 | 1096 | 5.5 | 14 | 21.6 | 0.05 | 6.6 | 9.4 | 0.5 | 18.7 | 240 | 0.1 | 1.9 | 7.8 | 2551 | 3.6 |
| SA5101573 | 4.2 | 0.025 | 0.04 | 0.5 | 5.1 | 249 | 2.1 | 2.5 | 1 | 0.05 | 0.6 | 0.8 | 0.5 | 1.9 | 23 | 0.1 | 0.25 | 1.1 | 164 | 0.6 |
| SA5101574 | 30.1 | 0.12 | 0.13 | 2.7 | 20.9 | 486 | 14.0 | 2.5 | 7.2 | 0.05 | 3 | 4.1 | 0.5 | 10.1 | 47 | 0.1 | 0.9 | 5.4 | 736 | 2.5 |
| SA5101575 | 1.7 | 0.07 | 0.10 | 0.5 | 9.1 | 1065 | 4.0 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 1.8 | 54 | 0.1 | 0.25 | 0.9 | 230 | 0.2 |
| SA5101576 | 10.0 | 0.14 | 0.15 | 2.3 | 11.8 | 268 | 4.1 | 6 | 13.0 | 0.05 | 2.8 | 4.1 | 0.5 | 6.5 | 55 | 0.1 | 0.7 | 4.2 | 763 | 3.6 |
| SA5101577 | 9.5 | 0.34 | 0.38 | 4.7 | 15.6 | 511 | 5.7 | 23 | 16.2 | 0.05 | 5.7 | 7.4 | 0.5 | 8.1 | 93 | 0.1 | 0.7 | 6.1 | 1541 | 3.1 |
| SA5101578 | 5.3 | 0.07 | 0.08 | 1.8 | 13.2 | 414 | 4.0 | 2.5 | 7.4 | 0.05 | 2.4 | 3.3 | 0.5 | 3.8 | 39 | 0.1 | 0.25 | 3.2 | 526 | 1.5 |
| SA5101579 | 5.9 | 0.08 | 0.10 | 1.4 | 9.4 | 440 | 3.9 | 11 | 10.2 | 0.05 | 3.1 | 4.2 | 0.5 | 4.5 | 33 | 0.2 | 0.25 | 3.9 | 592 | 1.7 |
| SA5101580 | 9.4 | 0.33 | 0.37 | 4.8 | 17.0 | 672 | 3.5 | 25 | 23.0 | 0.05 | 5.9 | 7.8 | 0.5 | 8.2 | 86 | 0.3 | 0.9 | 7.7 | 1430 | 2.3 |
| SA5101581 | 6.5 | 0.31 | 0.34 | 4.6 | 18.2 | 777 | 3.0 | 11 | 22.1 | 0.05 | 4.9 | 6.2 | 0.5 | 9.2 | 86 | 0.1 | 1 | 8.1 | 1395 | 2.5 |
| SA5101582 | 10.9 | 0.1 | 0.09 | 1.2 | 20.4 | 330 | 2.4 | 2.5 | 3.8 | 0.05 | 3.6 | 4.6 | 0.5 | 9 | 39 | 0.1 | 0.9 | 4.5 | 451 | 2.7 |
| SA5101583 | 3.5 | 0.24 | 0.50 | 4.5 | 8.2 | 615 | 11.8 | 14 | 9.1 | 0.10 | 2.4 | 4.2 | 0.5 | 2.2 | 137 | 0.2 | 0.25 | 2.1 | 1630 | 1.4 |
| SA5101584 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101585 | 3.7 | 0.13 | 0.13 | 1.2 | 10.9 | 585 | 10.6 | 7 | 1 | 0.05 | 2.3 | 2.7 | 0.5 | 4.2 | 57 | 0.1 | 0.25 | 3.3 | 587 | 1 |
| SA5101586 | 2.8 | 0.025 | 0.04 | 0.5 | 7.0 | 501 | 10.3 | 2.5 | 1 | 0.05 | 1.6 | 1.9 | 0.5 | 2.8 | 34 | 0.1 | 0.25 | 2.7 | 208 | 1.6 |
| SA5101587 | 3.2 | 0.025 | 0.03 | 0.5 | 6.5 | 462 | 4.9 | 2.5 | 3.3 | 0.05 | 0.6 | 0.7 | 0.5 | 0.7 | 27 | 0.1 | 0.25 | 0.5 | 93 | 0.4 |
| SA5101588 | 3.2 | 0.39 | 0.38 | 7.5 | 12.0 | 1220 | 39.8 | 18 | 11.9 | 0.05 | 5 | 5.7 | 0.5 | 11.3 | 86 | 0.4 | 1.3 | 6.7 | 1564 | 6.9 |
| SA5101589 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101590 | 1.7 | 0.09 | 0.08 | 0.5 | 11.5 | 825 | 0.5 | 2.5 | 1 | 0.05 | 1.6 | 1.8 | 0.5 | 5.9 | 38 | 0.2 | 0.5 | 1.9 | 314 | 1.1 |
| SA5101591 | 1.0 | 0.08 | 0.06 | 0.5 | 11.0 | 371 | 6.0 | 2.5 | 1 | 0.05 | 1.3 | 1.4 | 0.5 | 2.6 | 35 | 0.1 | 0.25 | 1.2 | 203 | 0.5 |
| SA5101592 | 1.6 | 0.11 | 0.09 | 0.5 | 11.7 | 454 | 6.9 | 2.5 | 6.6 | 0.05 | 1.3 | 1.6 | 0.5 | 4.9 | 38 | 0.1 | 0.5 | 1.5 | 254 | 1 |
| SA5101593 | 2.2 | 0.26 | 0.30 | 3.5 | 14.3 | 1258 | 11.8 | 2.5 | 8.7 | 0.05 | 2.7 | 3.8 | 0.5 | 7.3 | 84 | 0.3 | 0.7 | 3.1 | 994 | 2.1 |
| SA5101594 | 1.3 | 0.28 | 0.32 | 2.9 | 16.5 | 1158 | 3.1 | 2.5 | 6.5 | 0.05 | 3.4 | 4.5 | 0.5 | 10 | 96 | 0.1 | 0.9 | 4.6 | 862 | 25.6 |
| SA5101595 | 0.5 | 0.06 | 0.05 | 0.5 | 11.5 | 348 | 3.3 | 2.5 | 2.0 | 0.05 | 1.1 | 1.5 | 0.5 | 4.7 | 32 | 0.1 | 0.5 | 1.5 | 165 | 1.1 |
| SA5101596 | 1.9 | 0.34 | 0.40 | 2.4 | 15.7 | 1070 | 0.5 | 9 | 10.8 | 0.05 | 2.6 | 3.5 | 0.5 | 7.3 | 103 | 0.1 | 0.8 | 2.6 | 935 | 1.4 |
| SA5101597 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101598 | 0.5 | -9 | 0.08 | 0.5 | 11.1 | 752 | 21.8 | -9 | 1 | -9 | -9 | 1.0 | -9 | -9 | 49 | -9 | -9 | -9 | 182 | -9 |
| SA5101599 | 1.4 | 0.11 | 0.12 | 0.5 | 11 | 596 | 3.7 | 2.5 | 1 | 0.05 | 1.4 | 1.8 | 0.5 | 5.4 | 46 | 0.1 | 0.25 | 1.9 | 359 | 1.1 |
| SA5101600 | 3.1 | 0.27 | 0.30 | 2.6 | 22.9 | 769 | 10.8 | 8 | 10.3 | 0.05 | 3.2 | 4.0 | 0.5 | 11.4 | 96 | 0.1 | 1.2 | 4.4 | 842 | 1.7 |
| SA5101601 | 1.1 | 0.15 | 0.19 | 1.0 | 12.1 | 428 | 1.3 | 8 | 1 | 0.05 | 1.7 | 2.0 | 0.5 | 6 | 58 | 0.1 | 0.5 | 2.1 | 505 | 0.9 |
| SA5101602 | 1.1 | 0.11 | 0.12 | 1.2 | 17.6 | 621 | 1.9 | 7 | 1 | 0.05 | 1.3 | 1.8 | 0.5 | 3.1 | 72 | 0.1 | 0.25 | 1.1 | 309 | 0.3 |
| SA5101603 | 1.3 | 0.07 | 0.07 | 0.5 | 7.7 | 496 | 2.8 | 2.5 | 1 | 0.05 | 1 | 1.1 | 0.5 | 2.1 | 40 | 0.1 | 0.25 | 0.9 | 188 | 0.4 |
| SA5101604 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101605 | 1.6 | 0.12 | 0.14 | 0.5 | 10.0 | 375 | 1.8 | 2.5 | 2.3 | 0.05 | 1.6 | 2.2 | 0.5 | 6.8 | 48 | 0.1 | 0.7 | 1.1 | 375 | 0.9 |
| SA5101606 | 4.1 | 0.35 | 0.37 | 2.4 | 16.6 | 482 | 2.2 | 10 | 8.0 | 0.05 | 2.6 | 3.2 | 0.5 | 4 | 101 | 0.1 | 0.25 | 2 | 867 | 0.8 |
| SA5101607 | 1.4 | 0.09 | 0.11 | 1.4 | 10.1 | 609 | 3.0 | 2.5 | 2.5 | 0.05 | 1.2 | 1.7 | 0.5 | 4 | 44 | 0.1 | 0.25 | 1.2 | 305 | 0.5 |
| SA5101608 | 1.3 | 0.09 | 0.09 | 0.5 | 11.6 | 448 | 5.7 | 2.5 | 2.9 | 0.05 | 0.9 | 1.2 | 0.5 | 1.2 | 47 | 0.1 | 0.25 | 0.9 | 262 | 0.3 |
| SA5101609 | 0.5 | 0.17 | 0.19 | 1.6 | 13 | 554 | 4.0 | 8 | 3.1 | 0.05 | 1.9 | 2.4 | 0.5 | 4 | 67 | 0.1 | 0.25 | 1.8 | 553 | 0.6 |
| SA5101610 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101611 | 1.1 | 0.36 | 0.39 | 2.7 | 18.3 | 1850 | 5.4 | 9 | 6.9 | 0.05 | 3.3 | 4.0 | 0.5 | 3.1 | 90 | 0.1 | 0.25 | 2.8 | 1117 | 0.7 |
| SA5101612 | 1.9 | 0.08 | 0.08 | 1.1 | 10.0 | 515 | 0.5 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 2.9 | 40 | 0.1 | 0.25 | 1.4 | 293 | 1.1 |
| SA5101613 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101614 | 10.6 | 0.3 | 0.41 | 4.3 | 16.6 | 665 | 1.3 | 2.5 | 5.1 | 0.05 | 4.5 | 6.2 | 0.5 | 7.5 | 179 | 0.1 | 0.7 | 2.8 | 1444 | 10.2 |
| SA5101615 | 1.3 | 0.06 | 0.09 | 1.5 | 13.1 | 556 | 10.6 | 5 | 5.4 | 0.05 | 2.6 | 3.4 | 0.5 | 4.8 | 59 | 0.1 | 0.25 | 1.7 | 412 | 0.5 |
| SA5101616 | 1.3 | 0.12 | 0.11 | 0.5 | 11.7 | 481 | 8.1 | 2.5 | 1 | 0.05 | 2.7 | 3.4 | 0.5 | 3.1 | 59 | 0.1 | 0.25 | 1.5 | 499 | 0.5 |
| SA5101617 | 0.5 | 0.1 | 0.11 | 0.5 | 8.4 | 367 | 1.4 | 2.5 | 1 | 0.05 | 1.8 | 2.3 | 0.5 | 3 | 53 | 0.1 | 0.25 | 1.5 | 311 | 0.4 |
| SA5101618 | 0.5 | 0.05 | 0.05 | 0.5 | 5.8 | 304 | 6.1 | 2.5 | 1 | 0.05 | 1.1 | 1.2 | 0.5 | 0.9 | 45 | 0.1 | 0.25 | 0.6 | 123 | 0.05 |
| SA5101619 | 0.5 | 0.025 | 0.04 | 0.5 | 9.0 | 507 | 1.2 | 2.5 | 1 | 0.05 | 1 | 1.2 | 0.5 | 1.3 | 54 | 0.1 | 0.25 | 0.6 | 93 | 0.1 |

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | 1.8 | 0.49 | 0.57 | 2.7 | 16.6 | 526 | 2.5 | 8 | 10.5 | 0.05 | 4.2 | 5.1 | 0.5 | 3.1 | 146 | 0.1 | 0.25 | 2 | 1282 | 0.3 |
| SA5101621 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101622 | 1.4 | 0.13 | 0.12 | 0.5 | 8.8 | 313 | 9.3 | 2.5 | 1 | 0.05 | 1.9 | 2.1 | 0.5 | 1.9 | 57 | 0.1 | 0.25 | 0.9 | 359 | 0.4 |
| SA5101623 | 1.3 | 0.05 | 0.05 | 0.5 | 6.0 | 464 | 85.5 | 6 | 2.4 | 0.05 | 0.9 | 0.9 | 0.5 | 0.4 | 32 | 0.1 | 0.25 | 0.4 | 96 | 0.2 |
| SA5101624 | 0.5 | 0.08 | 0.08 | 1.0 | 6.8 | 381 | 10.4 | 2.5 | 3.0 | 0.05 | 0.8 | 1.0 | 0.5 | 0.8 | 38 | 0.1 | 0.25 | 0.3 | 231 | 0.05 |
| SA5101625 | 2.0 | 0.11 | 0.12 | 1.7 | 11.4 | 319 | 2.0 | 10 | 3.1 | 0.05 | 2 | 2.4 | 0.5 | 2.6 | 52 | 0.1 | 0.25 | 1.2 | 502 | 0.3 |
| SA5101626 | 0.5 | 0.025 | 0.03 | 0.5 | 8.4 | 298 | 6.3 | 2.5 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 0.9 | 25 | 0.1 | 0.25 | 0.6 | 134 | 0.05 |
| SA5101627 | 4.7 | 0.08 | 0.08 | 0.5 | 7.9 | 326 | 1.2 | 2.5 | 1 | 0.05 | 1.2 | 1.3 | 0.5 | 2.7 | 41 | 0.1 | 0.25 | 1 | 269 | 2.2 |
| SA5101628 | 4.3 | 0.14 | 0.16 | 1.5 | 10.3 | 382 | 3.2 | 2.5 | 3.9 | 0.05 | 1.5 | 1.7 | 0.5 | 2.3 | 60 | 0.1 | 0.25 | 1.3 | 428 | 1.2 |
| SA5101629 | 1.7 | 0.33 | 0.32 | 2.8 | 21.2 | 419 | 10.0 | 2.5 | 6.4 | 0.05 | 3 | 3.3 | 0.5 | 4 | 93 | 0.1 | 0.25 | 2.2 | 909 | 1.5 |
| SA5101630 | 3.2 | 0.21 | 0.24 | 1.3 | 13.8 | 517 | 3.1 | 2.5 | 2.6 | 0.05 | 1.9 | 2.2 | 0.5 | 2.7 | 77 | 0.1 | 0.25 | 1.2 | 610 | 3.3 |
| SA5101631 | 3.1 | 0.69 | 0.71 | 4.5 | 18.1 | 797 | 22.1 | 13 | 13.3 | 0.05 | 4.5 | 5.2 | 0.5 | 4.4 | 170 | 0.5 | 0.6 | 2.5 | 1605 | 2.3 |
| SA5101632 | 4.5 | 0.41 | 0.40 | 1.7 | 10.6 | 508 | 9.9 | 2.5 | 4.0 | 0.05 | 2.4 | 2.6 | 0.5 | 3.8 | 117 | 0.1 | 0.25 | 1.2 | 737 | 2.6 |
| SA5101633 | 1.5 | 0.36 | 0.36 | 3.5 | 13.0 | 466 | 6.3 | 2.5 | 6.8 | 0.05 | 3.4 | 3.8 | 0.5 | 3.1 | 99 | 0.1 | 0.25 | 2.8 | 1023 | 0.6 |
| SA5101634 | 2.0 | 0.25 | 0.27 | 2.3 | 12.8 | 531 | 8.5 | 9 | 5.4 | 0.05 | 2.1 | 2.5 | 0.5 | 3.6 | 79 | 0.3 | 0.25 | 1.5 | 597 | 0.9 |
| SA5101635 | 0.5 | 0.25 | 0.27 | 2.0 | 9.0 | 353 | 11.6 | 5 | 6.0 | 0.05 | 2.2 | 2.3 | 0.5 | 4.3 | 76 | 0.1 | 0.25 | 1.5 | 674 | 0.4 |
| SA5101636 | 1.0 | 0.84 | 0.95 | 5.1 | 17.3 | 960 | 6.8 | 14 | 15.8 | 0.05 | 4.4 | 5.7 | 0.5 | 6.3 | 216 | 0.1 | 0.7 | 2.9 | 1785 | 1.1 |
| SA5101637 | 2.3 | 0.55 | 0.67 | 6.1 | 22 | 614 | 10.5 | 8 | 7.4 | 0.05 | 4.2 | 5.2 | 0.5 | 4.7 | 167 | 0.4 | 0.6 | 2.6 | 2053 | 1.6 |
| SA5101638 | 0.5 | 0.09 | 0.10 | 1.2 | 10.2 | 357 | 2.0 | 2.5 | 1 | 0.05 | 1 | 1.3 | 0.5 | 3.7 | 59 | 0.1 | 0.25 | 1.2 | 285 | 0.4 |
| SA5101639 | 1.1 | 1 | 1.07 | 9.1 | 22.3 | 1221 | 6.9 | 15 | 16.3 | 0.05 | 6.7 | 7.8 | 0.5 | 11.3 | 238 | 0.4 | 1.3 | 4.3 | 2676 | 1.7 |
| SA5101640 | 1.4 | 0.12 | 0.15 | 1.0 | 7.1 | 355 | 1.1 | 2.5 | 1 | 0.05 | 1.2 | 1.4 | 0.5 | 1.8 | 54 | 0.1 | 0.25 | 1 | 372 | 0.4 |
| SA5101641 | 0.5 | 0.025 | 0.05 | 0.5 | 5.9 | 603 | 1.5 | 2.5 | 1 | 0.05 | 1.5 | 1.7 | 0.5 | 6.5 | 25 | 0.3 | 0.6 | 1.7 | 226 | 2 |
| SA5101642 | 1.5 | 0.08 | 0.07 | 1.3 | 10.5 | 497 | 3.2 | 2.5 | 1 | 0.05 | 1.8 | 2.3 | 0.5 | 5.8 | 45 | 0.1 | 0.6 | 2.3 | 343 | 0.9 |
| SA5101643 | 1.3 | 0.1 | 0.10 | 0.5 | 9.6 | 704 | 5.6 | 2.5 | 1 | 0.05 | 1.5 | 1.8 | 0.5 | 1.4 | 57 | 0.1 | 0.25 | 1.1 | 362 | 0.3 |
| SA5101644 | 3.7 | 0.5 | 0.57 | 4.9 | 10.9 | 1134 | 1.5 | 7 | 8.1 | 0.05 | 3.6 | 4.9 | 0.5 | 11 | 132 | 0.5 | 1.1 | 3.7 | 1269 | 1.4 |
| SA5101645 | 1.7 | 0.07 | 0.05 | 0.5 | 7.6 | 814 | 0.5 | 2.5 | 1 | 0.05 | 0.8 | 1.3 | 0.5 | 3.6 | 32 | 0.1 | 0.25 | 1 | 216 | 0.6 |
| SA5101646 | 3.5 | 1.2 | 1.44 | 8.4 | 11.2 | 1219 | 5.2 | 17 | 20.8 | 0.05 | 6.1 | 7.6 | 0.5 | 8.2 | 301 | 0.4 | 0.9 | 3.4 | 2531 | 1.3 |
| SA5101647 | 1.8 | 0.025 | 0.08 | 0.5 | 10.7 | 632 | 2.1 | 2.5 | 1 | 0.05 | 1.6 | 2.1 | 0.5 | 5.6 | 46 | 0.1 | 0.6 | 1.9 | 280 | 0.7 |
| SA5101648 | 1.8 | 0.07 | 0.07 | 0.5 | 5.7 | 424 | 1.5 | 2.5 | 1 | 0.05 | 1 | 1.4 | 0.5 | 3.3 | 36 | 0.1 | 0.25 | 1.1 | 281 | 0.7 |
| SA5101649 | 3.6 | 0.08 | 0.10 | 0.5 | 6.5 | 301 | 8.4 | 2.5 | 5.4 | 0.05 | 1.2 | 1.4 | 0.5 | 2.8 | 39 | 0.1 | 0.25 | 1.1 | 307 | 0.4 |
| SA5101650 | 1.1 | 0.09 | 0.11 | 1.7 | 7.5 | 485 | 3.1 | 2.5 | 4.2 | 0.05 | 1.3 | 1.7 | 0.5 | 3.7 | 43 | 0.1 | 0.25 | 1.5 | 365 | 0.5 |
| SA5101651 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101652 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101653 | 2.3 | 0.26 | 0.28 | 3.6 | 14.1 | 915 | 4.6 | 6 | 6.8 | 0.05 | 2.8 | 3.5 | 0.5 | 8.8 | 78 | 0.2 | 0.9 | 2.9 | 812 | 1.6 |
| SA5101654 | 1.4 | 0.17 | 0.26 | 2.2 | 8.7 | 778 | 1.6 | 6 | 2.3 | 0.05 | 1.9 | 2.6 | 0.5 | 4.7 | 77 | 0.1 | 0.5 | 1.5 | 733 | 0.7 |
| SA5101655 | 2.1 | 1 | 1.10 | 6.4 | 12.7 | 1122 | 16.0 | 16 | 22.5 | 0.05 | 5.1 | 6.2 | 0.5 | 8 | 222 | 0.3 | 0.8 | 2.9 | 2154 | 0.9 |
| SA5101656 | 1.8 | 0.06 | 0.09 | 0.5 | 10.0 | 782 | 6.7 | 2.5 | 4.9 | 0.05 | 1.2 | 1.5 | 0.5 | 6.1 | 38 | 0.1 | 0.7 | 1.4 | 291 | 1 |
| SA5101657 | 3.8 | 0.06 | 0.06 | 0.5 | 8.7 | 361 | 1.5 | 2.5 | 2.2 | 0.05 | 0.7 | 1.2 | 0.5 | 4.4 | 31 | 0.1 | 0.25 | 1.2 | 202 | 0.7 |
| SA5101658 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101659 | 1.2 | 0.21 | 0.23 | 2.2 | 8.5 | 603 | 9.3 | 2.5 | 3.7 | 0.05 | 2 | 2.6 | 0.5 | 5.6 | 68 | 0.1 | 0.25 | 1.8 | 630 | 0.6 |
| SA5101660 | 1.6 | 0.13 | 0.14 | 1.4 | 13.7 | 573 | 6.0 | 2.5 | 5.5 | 0.05 | 2.3 | 2.7 | 0.5 | 4 | 43 | 0.1 | 0.6 | 2.2 | 490 | 0.5 |
| SA5101661 | 1.6 | 0.09 | 0.11 | 1.6 | 14.6 | 565 | 1.7 | 2.5 | 4.9 | 0.05 | 2.6 | 2.8 | 0.5 | 5.3 | 38 | 0.1 | 0.6 | 2.6 | 424 | 0.7 |
| SA5101662 | 2.8 | 0.12 | 0.12 | 0.5 | 16.3 | 634 | 2.5 | 2.5 | 2.7 | 0.05 | 1.8 | 2.1 | 0.5 | 7.7 | 60 | 0.1 | 0.7 | 2 | 386 | 1 |
| SA5101663 | 1.9 | 0.15 | 0.12 | 1.2 | 16.5 | 692 | 0.5 | 2.5 | 1 | 0.05 | 1.6 | 2.0 | 0.5 | 6.9 | 52 | 0.1 | 0.8 | 1.7 | 382 | 0.9 |
| SA5101664 | 1.6 | 0.025 | 0.03 | 0.5 | 6.0 | 297 | 5.7 | 2.5 | 1 | 0.05 | 0.5 | 0.6 | 0.5 | 1.9 | 26 | 0.1 | 0.25 | 0.6 | 81 | 0.2 |
| SA5101665 | 1.2 | 0.025 | 0.04 | 0.5 | 8.1 | 359 | 30.2 | 2.5 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 3.8 | 36 | 0.1 | 0.25 | 1.5 | 159 | 0.5 |
| SA5101666 | 2.5 | 0.11 | 0.13 | 2.2 | 10.0 | 766 | 3.0 | 2.5 | 2.7 | 0.05 | 2.2 | 2.6 | 0.5 | 11.7 | 45 | 0.1 | 1.3 | 2.7 | 456 | 1 |
| SA5101667 | 1.6 | 1 | 1.13 | 4.9 | 13.7 | 824 | 3.6 | 17 | 19.8 | 0.05 | 4.9 | 5.7 | 0.5 | 3.4 | 242 | 0.4 | 0.25 | 2.6 | 2101 | 0.7 |
| SA5101668 | 1.0 | 0.3 | 0.33 | 1.9 | 8.8 | 358 | 3.1 | 7 | 4.2 | 0.05 | 1.4 | 2.0 | 0.5 | 2.6 | 89 | 0.1 | 0.25 | 1.1 | 619 | 0.4 |
| SA5101669 | 1.3 | 0.06 | 0.07 | 0.5 | 12.4 | 425 | 4.7 | 2.5 | 2.9 | 0.05 | 1.3 | 1.8 | 0.5 | 4.6 | 44 | 0.1 | 0.5 | 1.6 | 265 | 0.7 |
| SA5101670 | 1.1 | 0.07 | 0.10 | 0.5 | 9.5 | 328 | 4.8 | 2.5 | 2.4 | 0.05 | 1.2 | 1.5 | 0.5 | 3.3 | 46 | 0.1 | 0.25 | 1.1 | 275 | 0.5 |
| SA5101671 | 1.7 | 0.14 | 0.13 | 1.6 | 14 | 580 | 11.4 | 2.5 | 6.4 | 0.05 | 2.5 | 2.7 | 0.5 | 4.1 | 40 | 0.1 | 0.6 | 2.3 | 487 | 0.6 |
| SA5101672 | 1.6 | 0.025 | 0.05 | 0.5 | 13.7 | 463 | 3.4 | 2.5 | 1 | 0.05 | 1.5 | 1.7 | 0.5 | 6.8 | 40 | 0.1 | 0.7 | 2 | 230 | 0.7 |
| SA5101673 | 1.9 | 0.55 | 0.53 | 2.6 | 16.4 | 904 | 1.9 | 2.5 | 9.8 | 0.05 | 3.3 | 3.9 | 0.5 | 8.2 | 132 | 0.2 | 0.9 | 2.3 | 1055 | 0.9 |
| SA5101674 | 0.5 | 0.17 | 0.16 | 2.5 | 15.7 | 730 | 2.8 | 2.5 | 2.3 | 0.05 | 3.2 | 4.2 | 0.5 | 20.3 | 51 | 0.2 | 2.3 | 5.4 | 617 | 3.4 |
| SA5101675 | 1.2 | 0.2 | 0.23 | 1.3 | 11.2 | 453 | 3.1 | 2.5 | 5.5 | 0.05 | 1.8 | 2.2 | 0.5 | 4.3 | 76 | 0.1 | 0.6 | 1.7 | 546 | 0.7 |
| SA5101676 | 0.5 | 0.79 | 0.81 | 4.3 | 11.8 | 1238 | 2.0 | 11 | 14.3 | 0.05 | 3.7 | 4.3 | 0.5 | 3.9 | 187 | 0.4 | 0.25 | 2.3 | 1757 | 0.5 |
| SA5101677 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101678 | 3.2 | 0.27 | 0.25 | 7.2 | 21.4 | 1628 | 3.1 | 6 | 6.7 | 0.05 | 2.5 | 3.2 | 0.5 | 4 | 77 | 0.1 | 0.25 | 2 | 636 | 0.8 |
| SA5101679 | 2.0 | 0.025 | 0.04 | 0.5 | 16.7 | 541 | 13.0 | 2.5 | 1 | 0.05 | 0.4 | 0.5 | 0.5 | 0.4 | 47 | 0.1 | 0.25 | 0.3 | 86 | 0.2 |
| SA5101680 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | 2.8 | 0.025 | 0.05 | 0.5 | 15.6 | 281 | 6.9 | 2.5 | 1 | 0.05 | 1 | 1.3 | 0.5 | 3.5 | 42 | 0.1 | 0.25 | 1.2 | 200 | 0.6 |
| SA5101682 | 0.5 | 0.12 | 0.11 | 0.5 | 9.8 | 282 | 2.1 | 2.5 | 3.6 | 0.05 | 1.2 | 1.6 | 0.5 | 1.9 | 47 | 0.1 | 0.25 | 0.7 | 308 | 0.3 |
| SA5101683 | 1.3 | 0.11 | 0.10 | 1.3 | 11.2 | 497 | 4.9 | 2.5 | 6.4 | 0.05 | 1.4 | 1.7 | 0.5 | 2.5 | 50 | 0.1 | 0.25 | 1 | 309 | 0.7 |
| SA5101684 | 1.3 | 0.1 | 0.10 | 1.1 | 11 | 505 | 2.7 | 2.5 | 1 | 0.05 | 1.4 | 1.6 | 0.5 | 2.2 | 50 | 0.1 | 0.25 | 1 | 311 | 0.6 |
| SA5101685 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101686 | 2.3 | 0.06 | 0.08 | 0.5 | 12.0 | 441 | 16.3 | 2.5 | 4.5 | 0.05 | 1.2 | 1.4 | 0.5 | 2.3 | 45 | 0.1 | 0.25 | 0.9 | 246 | 0.3 |
| SA5101687 | 1.9 | 0.06 | 0.07 | 0.5 | 8.2 | 341 | 4.7 | 2.5 | 5.3 | 0.05 | 0.9 | 1.2 | 0.5 | 1.5 | 40 | 0.1 | 0.25 | 0.7 | 226 | 2.3 |
| SA5101688 | 2.7 | 0.12 | 0.13 | 1.2 | 13.6 | 384 | 3.1 | 2.5 | 4.9 | 0.05 | 1.4 | 1.7 | 0.5 | 2.3 | 54 | 0.1 | 0.25 | 0.9 | 380 | 1.7 |
| SA5101689 | 3.9 | 0.15 | 0.17 | 1.6 | 14.5 | 294 | 1.0 | 2.5 | 1 | 0.05 | 1.4 | 1.8 | 0.5 | 2 | 60 | 0.1 | 0.25 | 0.8 | 458 | 3.2 |
| SA5101690 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101691 | 0.5 | 0.025 | 0.04 | 0.5 | 4.9 | 381 | 7.0 | 2.5 | 1 | 0.05 | 0.7 | 1.0 | 0.5 | 1 | 38 | 0.1 | 0.25 | 0.5 | 107 | 0.2 |
| SA5101692 | 1.2 | 0.025 | 0.06 | 0.5 | 7.6 | 262 | 3.9 | 2.5 | 5.9 | 0.05 | 1.2 | 1.6 | 0.5 | 2.1 | 35 | 0.1 | 0.25 | 0.8 | 185 | 0.4 |
| SA5101693 | 0.5 | 0.1 | 0.11 | 0.5 | 5.1 | 784 | 4.1 | 2.5 | 1 | 0.05 | 2 | 2.4 | 0.5 | 1.6 | 41 | 0.1 | 0.25 | 1 | 396 | 0.6 |
| SA5101694 | 2.2 | 0.09 | 0.09 | 0.5 | 10.6 | 471 | 2.5 | 2.5 | 3.9 | 0.05 | 1.7 | 1.9 | 0.5 | 2 | 56 | 0.1 | 0.25 | 1 | 294 | 0.4 |
| SA5101695 | 3.2 | 0.09 | 0.08 | 1.9 | 8.3 | 350 | 2.3 | 2.5 | 2.1 | 0.05 | 1.4 | 1.7 | 0.5 | 2 | 46 | 0.1 | 0.25 | 0.9 | 307 | 0.6 |
| SA5101696 | 1.4 | 0.22 | 0.22 | 2.1 | 9.2 | 414 | 3.1 | 2.5 | 4.5 | 0.05 | 1.9 | 2.4 | 1.0 | 2.5 | 73 | 0.1 | 0.25 | 1 | 557 | 0.7 |
| SA5101697 | 1.7 | 0.16 | 0.16 | 1.6 | 6.5 | 378 | 1.3 | 2.5 | 3.3 | 0.05 | 2 | 2.3 | 0.5 | 2.2 | 76 | 0.1 | 0.25 | 0.8 | 439 | 0.2 |
| SA5101698 | 0.5 | 0.2 | 0.21 | 2.5 | 12.3 | 468 | 0.5 | 2.5 | 3.9 | 0.05 | 2.9 | 3.4 | 0.5 | 3 | 66 | 0.1 | 0.25 | 1.6 | 734 | 0.3 |
| SA5101699 | 7.2 | 0.06 | 0.07 | 0.5 | 5.4 | 282 | 2.0 | 2.5 | 1 | 0.05 | 0.9 | 1.0 | 0.5 | 0.7 | 40 | 0.1 | 0.25 | 0.4 | 174 | 0.2 |
| SA5101700 | 1.3 | 0.025 | 0.03 | 0.5 | 4.9 | 180 | 4.8 | 2.5 | 3.1 | 0.05 | 0.6 | 0.7 | 0.5 | 0.6 | 19 | 0.1 | 0.25 | 0.4 | 168 | 0.2 |
| SA5101701 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101702 | 1.4 | 0.025 | 0.04 | 0.5 | 2.8 | 468 | 3.8 | 2.5 | 1 | 0.05 | 0.4 | 0.5 | 0.5 | 0.4 | 81 | 0.1 | 0.25 | 0.2 | 80 | 0.3 |
| SA5101703 | 1.7 | 0.1 | 0.09 | 0.5 | 8.3 | 405 | 1.1 | 2.5 | 4.0 | 0.05 | 1.4 | 1.7 | 0.5 | 1.7 | 52 | 0.1 | 0.25 | 0.6 | 303 | 0.2 |
| SA5101704 | 2.2 | 0.19 | 0.21 | 1.8 | 7.8 | 551 | 1.6 | 2.5 | 3.7 | 0.05 | 1.9 | 2.3 | 0.5 | 1.9 | 71 | 0.1 | 0.25 | 0.9 | 546 | 0.8 |
| SA5101705 | 1.5 | 0.12 | 0.12 | 1.1 | 8.5 | 384 | 4.6 | 2.5 | 1 | 0.05 | 1.7 | 2.0 | 0.5 | 2.1 | 60 | 0.1 | 0.25 | 1 | 334 | 0.3 |
| SA5101706 | 0.5 | 0.025 | 0.04 | 0.5 | 5.3 | 453 | 22.1 | 2.5 | 2.7 | 0.05 | 0.6 | 0.7 | 0.5 | 0.5 | 30 | 0.1 | 0.25 | 0.3 | 77 | 0.05 |
| SA5101707 | 2.5 | 0.15 | 0.17 | 1.4 | 10.4 | 574 | 0.5 | 2.5 | 6.0 | 0.05 | 2.9 | 3.5 | 0.5 | 4.8 | 94 | 0.1 | 0.25 | 1.8 | 454 | 0.7 |
| SA5101708 | 1.9 | 0.11 | 0.13 | 1.4 | 7.4 | 421 | 4.1 | 2.5 | 4.5 | 0.05 | 1.4 | 1.6 | 0.5 | 1.2 | 60 | 0.1 | 0.25 | 0.5 | 304 | 0.05 |
| SA5101709 | 1.8 | 0.12 | 0.10 | 1.4 | 10.5 | 539 | 3.5 | 2.5 | 1 | 0.05 | 1.7 | 2.3 | 0.5 | 2.7 | 62 | 0.1 | 0.25 | 1.2 | 371 | 0.4 |
| SA5101710 | 0.5 | 0.25 | 0.28 | 1.4 | 7.9 | 377 | 7.5 | 2.5 | 1 | 0.05 | 2.1 | 2.7 | 0.5 | 1.8 | 107 | 0.1 | 0.25 | 0.9 | 609 | 0.6 |
| SA5101711 | 0.5 | 1.1 | 1.32 | 6.3 | 18.0 | 1148 | 1.3 | 16 | 12.6 | 0.05 | 8 | 10.6 | 2.0 | 7.6 | 335 | 0.3 | 0.8 | 3.6 | 2668 | 7.6 |
| SA5101712 | 0.5 | 0.025 | 0.04 | 0.5 | 4.2 | 195 | 4.4 | 2.5 | 1 | 0.05 | 0.5 | 0.6 | 0.5 | 0.6 | 35 | 0.1 | 0.25 | 0.3 | 79 | 0.05 |
| SA5101713 | 2.4 | 0.05 | 0.09 | 0.5 | 7 | 486 | 0.5 | 2.5 | 1 | 0.05 | 1.5 | 1.9 | 0.5 | 2.7 | 49 | 0.1 | 0.25 | 0.8 | 227 | 0.4 |
| SA5101714 | 1.2 | 0.38 | 0.44 | 2.3 | 9.4 | 529 | 6.3 | 2.5 | 2.3 | 0.05 | 3.4 | 4.2 | 0.5 | 2.7 | 123 | 0.1 | 0.25 | 1.5 | 1004 | 0.3 |
| SA5101715 | 1.2 | 0.12 | 0.14 | 0.5 | 7.6 | 553 | 3.2 | 2.5 | 1 | 0.05 | 2 | 2.7 | 0.5 | 3.6 | 52 | 0.1 | 0.25 | 1.2 | 402 | 0.7 |
| SA5101716 | 1.7 | 0.1 | 0.12 | 0.5 | 7.7 | 509 | 1.2 | 2.5 | 1 | 0.05 | 1.1 | 1.7 | 2.0 | 1.8 | 38 | 0.1 | 0.25 | 0.8 | 348 | 1.2 |
| SA5101717 | 1.9 | 0.28 | 0.32 | 0.5 | 5.9 | 439 | 2.7 | 2.5 | 4.1 | 0.05 | 1.8 | 2.3 | 0.5 | 2 | 99 | 0.1 | 0.25 | 0.9 | 593 | 0.6 |
| SA5101718 | 1.9 | 0.025 | 0.05 | 0.5 | 6.1 | 441 | 6.5 | 2.5 | 1 | 0.05 | 0.9 | 1.1 | 0.5 | 1.2 | 46 | 0.1 | 0.25 | 0.4 | 133 | 0.2 |
| SA5101719 | 1.5 | 0.13 | 0.15 | 1.1 | 10.3 | 482 | 2.0 | 2.5 | 1 | 0.05 | 1.8 | 2.5 | 0.5 | 3 | 61 | 0.1 | 0.25 | 1.2 | 468 | 0.4 |
| SA5101720 | 1.3 | 0.43 | 0.52 | 2.7 | 8.2 | 682 | 8.9 | 6 | 1 | 0.05 | 2.7 | 4.0 | 0.5 | 2.7 | 149 | 0.1 | 0.25 | 1.1 | 1104 | 0.9 |
| SA5101721 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101722 | 0.5 | 0.025 | 0.06 | 0.5 | 5.2 | 209 | 7.5 | 2.5 | 1 | 0.05 | 0.7 | 0.8 | 0.5 | 0.7 | 30 | 0.1 | 0.25 | 0.4 | 141 | 0.1 |
| SA5101723 | 0.5 | 0.42 | 0.42 | 2.9 | 10.0 | 547 | 4.6 | 8 | 4.2 | 0.05 | 3.2 | 3.9 | 0.5 | 2.9 | 133 | 0.1 | 0.25 | 1.7 | 938 | 0.4 |
| SA5101724 | 1.4 | 0.34 | 0.34 | 1.7 | 7.5 | 407 | 5.1 | 6 | 1 | 0.05 | 2.4 | 2.8 | 0.5 | 1.7 | 117 | 0.1 | 0.25 | 1.2 | 784 | 0.4 |
| SA5101725 | 1.4 | 0.025 | 0.04 | 0.5 | 5.3 | 281 | 4.2 | 2.5 | 1 | 0.05 | 0.4 | 0.5 | 0.5 | 0.8 | 45 | 0.1 | 0.25 | 0.3 | 84 | 0.05 |
| SA5101726 | 0.5 | 0.025 | 0.04 | 0.5 | 4.0 | 193 | 3.7 | 2.5 | 1 | 0.05 | 0.7 | 0.9 | 0.5 | 1.6 | 28 | 0.1 | 0.25 | 0.6 | 100 | 0.2 |
| SA5101727 | 0.5 | 0.06 | 0.04 | 0.5 | 3.0 | 187 | 2.6 | 2.5 | 1 | 0.05 | 0.7 | 0.8 | 0.5 | 1.1 | 25 | 0.1 | 0.25 | 0.5 | 112 | 0.2 |
| SA5101728 | 1.6 | 0.36 | 0.42 | 3.2 | 8.9 | 697 | 5.9 | 12 | 3.2 | 0.05 | 3.2 | 4.0 | 0.5 | 4 | 109 | 0.1 | 0.25 | 1.6 | 1049 | 0.9 |
| SA5101729 | 0.5 | 0.025 | 0.07 | 0.5 | 5.0 | 235 | 24.3 | 2.5 | 1 | 0.05 | 0.6 | 0.8 | 0.5 | 1.4 | 36 | 0.1 | 0.25 | 0.4 | 198 | 0.3 |
| SA5101730 | 0.5 | 1.4 | 1.17 | 5.4 | 11.5 | 546 | 1.7 | 10 | 9.6 | 0.05 | 6.8 | 6.2 | 0.5 | 3.3 | 262 | 0.2 | 0.25 | 1.8 | 2560 | 0.6 |
| SA5101731 | 0.5 | 1.6 | 1.25 | 6.2 | 18.8 | 822 | 4.5 | 14 | 15.5 | 0.05 | 7.4 | 7.3 | 0.5 | 6 | 296 | 0.4 | 0.6 | 2.7 | 2574 | 0.9 |
| SA5101732 | 0.5 | 1.6 | 1.40 | 6.1 | 12.5 | 1314 | 8.9 | 21 | 24.1 | 0.05 | 6.2 | 6.3 | 0.5 | 3 | 305 | 0.4 | 0.25 | 3.2 | 2872 | 0.9 |
| SA5101733 | 0.5 | 0.15 | 0.14 | 0.5 | 8 | 258 | 1.8 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 2.3 | 52 | 0.1 | 0.25 | 0.7 | 303 | 0.2 |
| SA5101734 | 0.5 | 0.09 | 0.14 | 1.1 | 10.1 | 378 | 7.3 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 2.3 | 56 | 0.1 | 0.25 | 1.1 | 367 | 0.4 |
| SA5101735 | 1.5 | 0.21 | 0.20 | 1.5 | 13.6 | 543 | 7.0 | 2.5 | 2.7 | 0.05 | 2.2 | 2.6 | 0.5 | 1.7 | 59 | 0.1 | 0.25 | 1.9 | 677 | 0.7 |
| SA5101736 | 0.5 | 0.025 | 0.08 | 1.1 | 12.4 | 980 | 0.5 | 2.5 | 1 | 0.05 | 2.1 | 2.7 | 0.5 | 4 | 53 | 0.1 | 0.25 | 1.4 | 298 | 0.4 |
| SA5101737 | 0.5 | 0.15 | 0.18 | 1.5 | 5.0 | 254 | 3.0 | 2.5 | 1 | 0.05 | 1 | 1.4 | 0.5 | 1 | 61 | 0.1 | 0.25 | 0.6 | 411 | 0.05 |
| SA5101738 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101739 | 1.1 | 0.22 | 0.17 | 1.5 | 10.6 | 385 | 8.5 | 2.5 | 1 | 0.05 | 1.9 | 2.6 | 0.5 | 3.9 | 73 | 0.1 | 0.25 | 1.6 | 488 | 0.4 |
| SA5101740 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101741 | 1.2 | 0.025 | 0.13 | 1.2 | 12.2 | 620 | 5.0 | 2.5 | 1 | 0.05 | 1.7 | 2.4 | 0.5 | 1.4 | 56 | 0.1 | 0.25 | 1.9 | 535 | 0.4 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | 0.5 | 1.2 | 1.05 | 4.8 | 13.5 | 1183 | 6.3 | 18 | 10.5 | 0.05 | 6.6 | 7.1 | 0.5 | 7.1 | 252 | 1.1 | 0.8 | 3.3 | 2303 | 0.7 |
| SA5101743 | 0.5 | 0.12 | 0.14 | 1.3 | 14.9 | 384 | 15.5 | 2.5 | 1 | 0.05 | 1.5 | 2.2 | 0.5 | 1.9 | 53 | 0.1 | 0.25 | 1.4 | 442 | 0.6 |
| SA5101744 | 1.2 | 0.31 | 0.35 | 2.0 | 9.1 | 346 | 6.3 | 6 | 1 | 0.05 | 2.4 | 2.9 | 0.5 | 2.1 | 98 | 0.1 | 0.25 | 1.1 | 844 | 0.4 |
| SA5101745 | 4.9 | 0.19 | 0.20 | 2.1 | 8.4 | 546 | 3.4 | 2.5 | 1 | 0.05 | 2.5 | 2.8 | 0.5 | 3.2 | 63 | 0.1 | 0.25 | 1.4 | 529 | 1 |
| SA5101746 | 0.5 | 0.94 | 0.95 | 4.2 | 10.8 | 1171 | 4.5 | 14 | 16.0 | 0.05 | 5 | 5.9 | 0.5 | 2.8 | 209 | 0.2 | 0.25 | 2.1 | 1833 | 0.4 |
| SA5101747 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101748 | 2.5 | 1.1 | 1.13 | 6.2 | 15.8 | 1089 | 16.1 | 11 | 12.6 | 0.10 | 6.8 | 7.8 | 0.5 | 4.8 | 234 | 0.3 | 0.6 | 2.4 | 2283 | 1.4 |
| SA5101749 | 0.5 | 0.07 | 0.13 | 1.3 | 9.7 | 313 | 4.1 | 2.5 | 1 | 0.05 | 1.4 | 1.8 | 0.5 | 2.3 | 54 | 0.1 | 0.25 | 1 | 414 | 0.5 |
| SA5101750 | 1.1 | 1.7 | 1.71 | 4.6 | 11 | 462 | 9.7 | 17 | 9.1 | 0.05 | 3.9 | 5.4 | 0.5 | 1.5 | 381 | 0.3 | 0.25 | 1.8 | 2342 | 0.05 |
| SA5101751 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101752 | 1.6 | 0.17 | 0.18 | 2.5 | 8.6 | 366 | 8.3 | 2.5 | 1 | 0.05 | 1.5 | 1.7 | 0.5 | 2 | 57 | 0.1 | 0.25 | 0.9 | 425 | 0.8 |
| SA5101753 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101754 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101755 | 0.5 | 0.025 | 0.06 | 0.5 | 10.0 | 554 | 3.3 | 2.5 | 1 | 0.05 | 1.4 | 2.0 | 0.5 | 3.4 | 58 | 0.1 | 0.25 | 1.1 | 214 | 0.3 |
| SA5101756 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101757 | 0.5 | 0.3 | 0.30 | 2.9 | 14.2 | 1204 | 2.7 | 2.5 | 1 | 0.05 | 2.8 | 3.8 | 0.5 | 9.2 | 89 | 0.1 | 0.9 | 2.7 | 755 | 1.2 |
| SA5101758 | 1.9 | 0.1 | 0.13 | 1.4 | 17.7 | 268 | 4.2 | 2.5 | 1 | 0.05 | 1.3 | 1.5 | 0.5 | 1.1 | 52 | 0.1 | 0.25 | 0.7 | 358 | 1.1 |
| SA5101759 | 0.5 | 0.84 | 0.87 | 4.0 | 18.3 | 434 | 3.0 | 12 | 9.1 | 0.05 | 3.7 | 4.2 | 0.5 | 2.5 | 196 | 0.2 | 0.25 | 1.5 | 1153 | 0.4 |
| SA5101760 | 1.8 | 0.2 | 0.19 | 1.3 | 6.9 | 478 | 2.7 | 2.5 | 1 | 0.05 | 1.4 | 1.5 | 0.5 | 0.8 | 71 | 0.1 | 0.25 | 0.7 | 385 | 0.9 |
| SA5101761 | 0.5 | 2.1 | 1.71 | 8.4 | 19.8 | 886 | 3.4 | 26 | 20.4 | 0.05 | 9.2 | 8.2 | 0.5 | 4.6 | 352 | 0.6 | 0.5 | 3.2 | 3899 | 0.6 |
| SA5101762 | 1.2 | 0.07 | 0.05 | 0.5 | 13.6 | 350 | 1.8 | 2.5 | 1 | 0.05 | 0.7 | 0.9 | 0.5 | 0.5 | 46 | 0.1 | 0.25 | 0.2 | 197 | 0.1 |
| SA5101763 | 0.5 | 0.09 | 0.12 | 5.0 | 11.5 | 493 | 3.8 | 2.5 | 1 | 0.05 | 2 | 2.5 | 0.5 | 1.3 | 41 | 0.1 | 0.25 | 0.8 | 455 | 0.5 |
| SA5101764 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101765 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101766 | 1.2 | 0.55 | 0.56 | 4.9 | 18.3 | 741 | 12.0 | 19 | 11.6 | 0.05 | 4.3 | 5.7 | 1.0 | 6.4 | 143 | 0.3 | 0.7 | 6.1 | 1278 | 1.4 |
| SA5101767 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101768 | 0.5 | 0.28 | 0.17 | 3.3 | 14.2 | 441 | 5.8 | 10 | 6.1 | 0.05 | 2.8 | 3.7 | 0.5 | 10 | 91 | 0.2 | 1 | 7.2 | 651 | 2.6 |
| SA5101769 | 0.5 | 0.21 | 0.10 | 2.9 | 12.3 | 357 | 9.2 | 7 | 2.4 | 0.05 | 2.1 | 2.6 | 0.5 | 7.7 | 64 | 0.2 | 0.9 | 5.3 | 445 | 2 |
| SA5101770 | 1.1 | 0.025 | 0.05 | 2.7 | 10.0 | 585 | 18.0 | 2.5 | 1 | 0.05 | 1.5 | 1.8 | 0.5 | 4.5 | 30 | 0.1 | 0.5 | 2.4 | 175 | 1.1 |
| SA5101771 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101772 | 0.5 | 0.025 | 0.04 | 2.3 | 10.6 | 442 | 12.2 | 5 | 1 | 0.05 | 1.8 | 2.3 | 0.5 | 5.1 | 32 | 0.1 | 0.6 | 3.8 | 256 | 1.6 |
| SA5101773 | 1.3 | 0.12 | 0.08 | 1.3 | 11.2 | 299 | 4.3 | 2.5 | 1 | 0.05 | 1.4 | 1.7 | 0.5 | 2 | 42 | 0.1 | 0.25 | 1.7 | 339 | 0.6 |
| SA5101774 | 0.5 | 0.025 | 0.03 | 1.2 | 8.9 | 410 | 9.2 | 2.5 | 1 | 0.05 | 1.1 | 1.4 | 0.5 | 1.5 | 29 | 0.1 | 0.25 | 0.8 | 137 | 0.2 |
| SA5101775 | 0.5 | 0.025 | 0.10 | 2.5 | 13.0 | 492 | 5.7 | 10 | 1 | 0.05 | 3.1 | 3.8 | 0.5 | 7.7 | 56 | 0.1 | 0.8 | 4.2 | 532 | 1.8 |
| SA5101776 | 0.5 | 0.025 | 0.12 | 1.8 | 12.6 | 453 | 5.4 | 8 | 1 | 0.05 | 2.6 | 3.2 | 0.5 | 6.5 | 66 | 0.2 | 0.6 | 3.8 | 611 | 1.6 |
| SA5101777 | 0.5 | 0.025 | 0.09 | 1.6 | 10.3 | 1107 | 37.0 | 2.5 | 1 | 0.20 | 1.8 | 2.3 | 0.5 | 1.3 | 45 | 0.1 | 0.25 | 1.3 | 481 | 0.5 |
| SA5101778 | 0.5 | 0.13 | 0.13 | 2.6 | 14.1 | 271 | 5.4 | 11 | 5.6 | 0.05 | 2.4 | 3.4 | 0.5 | 6.8 | 57 | 0.1 | 0.6 | 4.6 | 606 | 1.8 |
| SA5101779 | 1.1 | 0.21 | 0.19 | 4.3 | 22 | 613 | 7.8 | 10 | 8.7 | 0.05 | 4.9 | 6.5 | 0.5 | 16.7 | 77 | 0.1 | 1.7 | 10.1 | 948 | 4.2 |
| SA5101780 | 0.5 | 0.16 | 0.16 | 1.3 | 11.5 | 420 | 2.0 | 5 | 1 | 0.05 | 1.9 | 2.6 | 0.5 | 3 | 62 | 0.1 | 0.25 | 2.1 | 412 | 1.1 |
| SA5101781 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101782 | 6.1 | 0.23 | 0.24 | 1.7 | 11.2 | 357 | 5.1 | 2.5 | 1 | 0.05 | 1.7 | 2.5 | 0.5 | 2.7 | 75 | 0.1 | 0.25 | 1.6 | 442 | 0.5 |
| SA5101783 | 1.1 | 0.16 | 0.15 | 2.7 | 9.2 | 455 | 3.7 | 5 | 1 | 0.05 | 2.5 | 3.6 | 0.5 | 5.2 | 54 | 0.1 | 0.25 | 2.4 | 846 | 0.7 |
| SA5101784 | 2.3 | 0.08 | 0.08 | 1.1 | 10.2 | 429 | 2.2 | 6 | 1 | 0.05 | 2 | 2.7 | 0.5 | 5.4 | 56 | 0.1 | 0.25 | 1.8 | 514 | 0.7 |
| SA5101785 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101786 | 2.2 | 0.22 | 0.21 | 2.3 | 16.5 | 538 | 11.0 | 2.5 | 1 | 0.10 | 2.3 | 3.0 | 0.5 | 1.7 | 64 | 0.1 | 0.25 | 1.4 | 609 | 1.1 |
| SA5101787 | 1.7 | 0.22 | 0.20 | 2.6 | 16.8 | 536 | 4.4 | 6 | 1 | 0.05 | 2 | 2.5 | 0.5 | 2.2 | 78 | 0.1 | 0.25 | 1.6 | 516 | 3.3 |
| SA5101788 | 0.5 | 0.29 | 0.27 | 1.8 | 15.7 | 712 | 7.5 | 12 | 1 | 0.05 | 2.3 | 2.9 | 0.5 | 1.2 | 67 | 0.1 | 0.25 | 1.4 | 944 | 0.6 |
| SA5101789 | 0.5 | 0.13 | 0.15 | 4.4 | 10.5 | 425 | 36.2 | 2.5 | 1 | 0.20 | 0.8 | 1.2 | 0.5 | 0.8 | 60 | 0.1 | 0.25 | 0.7 | 286 | 0.3 |
| SA5101790 | 1.9 | 0.58 | 0.61 | 2.7 | 11.4 | 411 | 4.7 | 7 | 4.2 | 0.05 | 2.5 | 3.0 | 0.5 | 2 | 149 | 0.3 | 0.25 | 1.3 | 983 | 9.2 |
| SA5101791 | 1.1 | 0.025 | 0.04 | 1.4 | 6.5 | 373 | 3.0 | 2.5 | 1 | 0.05 | 0.4 | 0.6 | 0.5 | 0.5 | 44 | 0.1 | 0.25 | 0.4 | 56 | 0.2 |
| SA5101792 | 3.0 | 0.26 | 0.28 | 3.7 | 16.4 | 436 | 4.2 | 13 | 11.2 | 0.05 | 4.4 | 5.8 | 0.5 | 7.3 | 80 | 0.1 | 0.25 | 3.5 | 1431 | 2.4 |
| SA5101793 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101794 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101795 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101796 | 1.8 | 0.17 | 0.18 | 1.8 | 8.6 | 464 | 10.8 | 13 | 2.9 | 0.05 | 2.1 | 2.8 | 0.5 | 1.8 | 64 | 0.1 | 0.25 | 1.4 | 830 | 0.3 |
| SA5101797 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101798 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101799 | 9.7 | 0.29 | 0.32 | 3.9 | 18.1 | 970 | 4.1 | 10 | 1 | 0.05 | 6.5 | 8.0 | 0.5 | 13 | 91 | 0.1 | 1.1 | 5.9 | 1355 | 2.2 |
| SA5101800 | 2.6 | 0.29 | 0.35 | 3.0 | 17 | 556 | 6.2 | 2.5 | 1 | 0.05 | 2.4 | 3.1 | 0.5 | 2.2 | 103 | 0.1 | 0.25 | 1.5 | 816 | 1.3 |
| SA5101801 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101802 | 0.5 | 0.16 | 0.15 | 2.3 | 9.7 | 538 | 8.4 | 2.5 | 1 | 0.05 | 3.3 | 4.3 | 0.5 | 9.1 | 53 | 0.1 | 0.6 | 6.1 | 810 | 1.1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | 1.4 | 0.08 | 0.08 | 0.5 | 8.0 | 378 | 2.8 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 3.2 | 43 | 0.1 | 0.25 | 1.1 | 264 | 0.3 |
| SA5101804 | 2.5 | 0.12 | 0.15 | 1.6 | 8.9 | 386 | 1.6 | 2.5 | 1 | 0.05 | 1.8 | 2.9 | 0.5 | 3.9 | 54 | 0.1 | 0.25 | 1.6 | 669 | 1.4 |
| SA5101805 | 2.2 | 0.13 | 0.16 | 1.8 | 8.5 | 410 | 3.4 | 6 | 1 | 0.05 | 2.2 | 3.0 | 0.5 | 3.8 | 56 | 0.1 | 0.25 | 1.6 | 674 | 1.3 |
| SA5101806 | 5.8 | 0.24 | 0.28 | 2.4 | 9.3 | 426 | 2.9 | 7 | 3.5 | 0.05 | 2.7 | 3.7 | 0.5 | 3.8 | 81 | 0.1 | 0.25 | 1.8 | 1016 | 0.9 |
| SA5101807 | 0.5 | -9 | 0.10 | 1.1 | 8.8 | 967 | 30.6 | -9 | 1 | -9 | -9 | 2.5 | -9 | -9 | 55 | -9 | -9 | -9 | 383 | -9 |
| SA5101808 | 1.8 | 0.025 | 0.03 | 1.2 | 8.2 | 239 | 3.9 | 2.5 | 1 | 0.05 | 1.2 | 1.6 | 0.5 | 3.3 | 30 | 0.1 | 0.25 | 1 | 166 | 3.2 |
| SA5101809 | 1.1 | 0.025 | 0.03 | 0.5 | 6.7 | 308 | 2.4 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 2.3 | 29 | 0.1 | 0.25 | 0.8 | 101 | 2.9 |
| SA5101810 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101811 | 1.5 | 0.25 | 0.28 | 2.6 | 13.5 | 373 | 5.0 | 11 | 9.6 | 0.05 | 3.1 | 4.2 | 0.5 | 2.7 | 78 | 0.1 | 0.25 | 2.1 | 1360 | 3.8 |
| SA5101812 | 1.9 | 0.11 | 0.11 | 2.5 | 12.0 | 585 | 7.0 | 2.5 | 1 | 0.05 | 2.3 | 3.0 | 0.5 | 3 | 53 | 0.1 | 0.25 | 1.9 | 594 | 0.4 |
| SA5101813 | 2.8 | 0.2 | 0.22 | 1.8 | 13.4 | 454 | 5.0 | 6 | 1 | 0.05 | 2.8 | 3.4 | 0.5 | 4 | 76 | 0.1 | 0.25 | 2 | 748 | 4.1 |
| SA5101814 | 2.6 | 0.11 | 0.11 | 2.0 | 13.2 | 351 | 1.7 | 6 | 1 | 0.05 | 1.9 | 2.6 | 0.5 | 3.2 | 50 | 0.1 | 0.25 | 1.6 | 635 | 1.8 |
| SA5101815 | 2.5 | 0.1 | 0.11 | 2.0 | 15.0 | 545 | 1.5 | 5 | 1 | 0.05 | 1.9 | 3.0 | 0.5 | 4.2 | 45 | 0.1 | 0.25 | 2 | 553 | 0.9 |
| SA5101816 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101817 | 0.5 | 0.14 | 0.15 | 1.3 | 12.3 | 456 | 2.4 | 5 | 1 | 0.05 | 2.9 | 3.9 | 0.5 | 4.8 | 56 | 0.1 | 0.25 | 2.3 | 564 | 0.5 |
| SA5101818 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101819 | 2.4 | 0.025 | 0.05 | 1.2 | 8.6 | 405 | 2.6 | 2.5 | 1 | 0.05 | 1.9 | 2.5 | 0.5 | 1.9 | 31 | 0.1 | 0.25 | 1.9 | 390 | 0.5 |
| SA5101820 | 0.5 | 0.15 | 0.18 | 1.5 | 13 | 402 | 8.6 | 5 | 1 | 0.05 | 3.4 | 4.2 | 0.5 | 5.1 | 62 | 0.1 | 0.25 | 2.7 | 609 | 0.5 |
| SA5101821 | 1.9 | 0.06 | 0.07 | 0.5 | 7.7 | 269 | 51.7 | 2.5 | 1 | 0.05 | 1.1 | 1.5 | 0.5 | 1.5 | 33 | 0.1 | 0.25 | 0.7 | 335 | 0.3 |
| SA5101822 | 0.5 | 0.025 | 0.03 | 0.5 | 6.8 | 340 | 17.6 | 2.5 | 1 | 0.05 | 1.3 | 1.6 | 0.5 | 2.5 | 27 | 0.1 | 0.25 | 0.9 | 129 | 0.05 |
| SA5101823 | 1.6 | 0.1 | 0.09 | 1.4 | 10.9 | 409 | 6.7 | 2.5 | 1 | 0.05 | 3.1 | 3.7 | 0.5 | 5.4 | 41 | 0.1 | 0.25 | 1.9 | 619 | 1 |
| SA5101824 | 1.5 | 0.1 | 0.10 | 1.7 | 15.5 | 364 | 1.9 | 2.5 | 1 | 0.05 | 3.3 | 4.3 | 0.5 | 6.5 | 56 | 0.1 | 0.25 | 2.3 | 717 | 0.6 |
| SA5101825 | 3.3 | 0.16 | 0.15 | 2.6 | 19.9 | 675 | 1.4 | 5 | 1 | 0.05 | 5.6 | 6.4 | 0.5 | 11.4 | 66 | 0.1 | 0.7 | 4.1 | 910 | 0.7 |
| SA5101826 | 2.6 | 0.17 | 0.15 | 2.7 | 10.3 | 474 | 5.2 | 2.5 | 1 | 0.05 | 2.6 | 3.2 | 0.5 | 3.2 | 55 | 0.1 | 0.25 | 1.8 | 619 | 0.4 |
| SA5101827 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101828 | 1.1 | 0.09 | 0.12 | 1.7 | 11.7 | 363 | 3.1 | 2.5 | 1 | 0.05 | 1.8 | 2.6 | 0.5 | 3.9 | 54 | 0.1 | 0.25 | 1.7 | 536 | 0.3 |
| SA5101829 | 1.0 | 0.11 | 0.13 | 1.8 | 11.8 | 518 | 20.9 | 2.5 | 1 | 0.05 | 2.9 | 3.9 | 0.5 | 5.9 | 55 | 0.1 | 0.25 | 2.6 | 743 | 0.4 |
| SA5101830 | 0.5 | 0.08 | 0.08 | 1.9 | 10.2 | 413 | 5.3 | 7 | 1 | 0.05 | 2.2 | 2.7 | 0.5 | 3.9 | 51 | 0.1 | 0.25 | 1.7 | 595 | 0.2 |
| SA5101831 | 0.5 | 0.08 | 0.08 | 1.9 | 11.6 | 496 | 3.7 | 2.5 | 2.1 | 0.05 | 2.4 | 2.8 | 0.5 | 5 | 45 | 0.1 | 0.25 | 1.7 | 381 | 0.4 |
| SA5101832 | 3.3 | 0.11 | 0.12 | 2.8 | 10.9 | 327 | 6.1 | 2.5 | 1 | 0.05 | 2.4 | 2.9 | 0.5 | 4.4 | 63 | 0.1 | 0.25 | 2.1 | 662 | 0.5 |
| SA5101833 | 5.1 | 0.3 | 0.30 | 4.2 | 20.9 | 780 | 3.7 | 13 | 7.8 | 0.05 | 5 | 5.9 | 0.5 | 21.8 | 95 | 0.6 | 3 | 10.9 | 1121 | 10.3 |
| SA5101834 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101835 | 0.5 | 0.025 | 0.03 | 1.4 | 10.4 | 408 | 3.8 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 2.5 | 23 | 0.1 | 0.25 | 1.2 | 276 | 0.1 |
| SA5101836 | 1.1 | 0.05 | 0.06 | 1.4 | 10 | 303 | 4.7 | 2.5 | 1 | 0.05 | 1.4 | 1.8 | 0.5 | 3 | 43 | 0.1 | 0.25 | 1.1 | 335 | 0.3 |
| SA5101837 | 2.0 | 0.09 | 0.07 | 1.2 | 14.7 | 377 | 4.9 | 2.5 | 1 | 0.05 | 2.2 | 2.6 | 0.5 | 3.8 | 43 | 0.1 | 0.25 | 1.7 | 451 | 0.4 |
| SA5101838 | 1.1 | 0.16 | 0.15 | 1.9 | 10.4 | 512 | 5.0 | 7 | 1 | 0.05 | 4.5 | 5.8 | 0.5 | 10.9 | 64 | 0.1 | 0.8 | 3.7 | 653 | 1 |
| SA5101839 | 2.5 | 0.1 | 0.11 | 1.6 | 11.7 | 413 | 1.8 | 2.5 | 1 | 0.05 | 3.4 | 4.8 | 0.5 | 9.1 | 54 | 0.1 | 0.7 | 2.3 | 753 | 0.8 |
| SA5101840 | 1.9 | 0.48 | 0.53 | 5.5 | 19.7 | 1047 | 5.1 | 13 | 11.1 | 0.05 | 6 | 7.1 | 0.5 | 7.4 | 136 | 0.4 | 0.7 | 4.8 | 1637 | 1.1 |
| SA5101841 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101842 | 0.5 | 0.025 | 0.05 | 0.5 | 13.7 | 318 | 3.3 | 2.5 | 1 | 0.05 | 1.8 | 2.2 | 0.5 | 2.7 | 36 | 0.1 | 0.25 | 1.2 | 298 | 0.2 |
| SA5101843 | 0.5 | 0.07 | 0.08 | 1.5 | 12.8 | 356 | 5.5 | 2.5 | 1 | 0.05 | 1.7 | 2.3 | 0.5 | 2.4 | 43 | 0.1 | 0.25 | 1.1 | 396 | 0.2 |
| SA5101844 | 0.5 | 0.025 | 0.05 | 1.2 | 9.2 | 295 | 4.7 | 2.5 | 1 | 0.05 | 1 | 1.5 | 0.5 | 1.2 | 35 | 0.1 | 0.25 | 0.8 | 174 | 0.2 |
| SA5101845 | 0.5 | 0.07 | 0.08 | 1.2 | 16.8 | 421 | 2.1 | 2.5 | 1 | 0.05 | 2.7 | 3.3 | 0.5 | 3.5 | 48 | 0.1 | 0.25 | 2 | 498 | 0.5 |
| SA5101846 | 0.5 | 0.025 | 0.04 | 1.0 | 10.3 | 288 | 4.4 | 2.5 | 1 | 0.05 | 1.2 | 1.7 | 0.5 | 1.9 | 27 | 0.1 | 0.25 | 0.7 | 125 | 0.2 |
| SA5101847 | 1.2 | 0.11 | 0.11 | 1.9 | 20 | 506 | 4.4 | 2.5 | 1 | 0.05 | 3.1 | 3.8 | 0.5 | 4.2 | 58 | 0.1 | 0.25 | 2.3 | 691 | 0.5 |
| SA5101848 | 0.5 | 0.025 | 0.03 | 0.5 | 9.5 | 378 | 2.9 | 2.5 | 1 | 0.05 | 1.1 | 1.7 | 0.5 | 1.4 | 25 | 0.1 | 0.25 | 1.1 | 190 | 0.2 |
| SA5101849 | 0.5 | 0.07 | 0.08 | 1.3 | 19.1 | 453 | 1.2 | 2.5 | 1 | 0.05 | 2.2 | 2.9 | 0.5 | 3.5 | 54 | 0.1 | 0.25 | 1.8 | 459 | 0.3 |
| SA5101850 | 0.5 | 0.18 | 0.18 | 1.9 | 10.9 | 495 | 7.5 | 2.5 | 1 | 0.05 | 1.5 | 1.8 | 0.5 | 1.3 | 73 | 0.1 | 0.25 | 1 | 497 | 1.4 |
| SA5101851 | 2.4 | 0.025 | 0.05 | 1.2 | 7.0 | 485 | 4.1 | 2.5 | 1 | 0.05 | 0.8 | 0.9 | 0.5 | 1.1 | 42 | 0.1 | 0.25 | 0.5 | 108 | 1.2 |
| SA5101852 | 1.9 | 0.14 | 0.14 | 3.2 | 8.0 | 374 | 3.3 | 2.5 | 1 | 0.05 | 1.4 | 1.4 | 0.5 | 1.2 | 74 | 0.1 | 0.25 | 0.9 | 351 | 1.8 |
| SA5101853 | 1.3 | 0.13 | 0.12 | 1.4 | 5.6 | 455 | 4.1 | 2.5 | 1 | 0.05 | 1.3 | 1.5 | 2.0 | 1 | 72 | 0.1 | 0.25 | 0.9 | 303 | 0.9 |
| SA5101854 | 0.5 | 0.23 | 0.22 | 4.4 | 8.9 | 455 | 5.6 | 5 | 1 | 0.05 | 1.8 | 2.0 | 0.5 | 1.3 | 75 | 0.1 | 0.25 | 1 | 488 | 0.9 |
| SA5101855 | 0.5 | 0.025 | 0.03 | 1.9 | 9.2 | 485 | 5.8 | 2.5 | 1 | 0.05 | 0.8 | 1.0 | 0.5 | 0.6 | 41 | 0.1 | 0.25 | 0.6 | 89 | 0.2 |
| SA5101856 | 0.5 | 0.16 | 0.16 | 1.6 | 10.4 | 308 | 3.7 | 2.5 | 1 | 0.05 | 1.2 | 1.5 | 0.5 | 0.9 | 65 | 0.1 | 0.25 | 0.7 | 336 | 0.8 |
| SA5101857 | 4.2 | 0.23 | 0.29 | 2.8 | 9.2 | 316 | 3.9 | 2.5 | 1 | 0.05 | 1.5 | 2.2 | 0.5 | 1.6 | 91 | 0.1 | 0.25 | 1.1 | 605 | 6.2 |
| SA5101858 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101859 | 1.1 | 1.3 | 1.55 | 5.8 | 15.6 | 544 | 1.8 | 22 | 26.8 | 0.05 | 5.7 | 6.8 | 0.5 | 4.2 | 332 | 0.3 | 0.25 | 2.9 | 2344 | 2.7 |
| SA5101860 | 1.8 | 0.05 | 0.06 | 0.5 | 10.1 | 230 | 2.0 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 2.1 | 33 | 0.1 | 0.25 | 0.7 | 136 | 7 |
| SA5101861 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101862 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101863 | 5.1 | 0.57 | 0.65 | 5.5 | 18.4 | 493 | 5.2 | 2.5 | 6.2 | 0.05 | 4.7 | 5.4 | 0.5 | 4.4 | 162 | 0.2 | 0.25 | 2.8 | 1508 | 7.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | Mo2_ppm | Na1_pct | Na2_ppm | Nb2_ppm | Ni2_ppm | P2_ppm | Pb2_ppm | Rb1_ppm | Rb2_ppm | Sb1_ppm | Sc1_ppm | Sc2_ppm | Se1_ppm | Sm1_ppm | Sr2_ppm | Ta1_ppm | Tb1_ppm | Th1_ppm | Ti2_ppm | U1_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | 1.8 | 1.2 | 1.29 | 5.0 | 15.2 | 504 | 4.6 | 17 | 21.6 | 0.05 | 5.1 | 5.6 | 0.5 | 3.5 | 280 | 0.2 | 0.25 | 2.4 | 1886 | 2.2 |
| SA5101865 | 1.8 | 0.27 | 0.29 | 2.3 | 16.7 | 413 | 3.7 | 2.5 | 1 | 0.05 | 2.5 | 2.9 | 0.5 | 2.1 | 101 | 0.1 | 0.25 | 1.6 | 651 | 1.9 |
| SA5101866 | 0.5 | 0.74 | 0.88 | 3.4 | 12.1 | 546 | 5.1 | 9 | 9.8 | 0.05 | 3.6 | 4.3 | 0.5 | 2.4 | 202 | 0.1 | 0.25 | 1.8 | 1378 | 0.8 |
| SA5101867 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101868 | 3.6 | 0.48 | 0.60 | 3.8 | 17 | 486 | 2.9 | 6 | 6.7 | 0.05 | 3.8 | 4.6 | 0.5 | 3.7 | 149 | 0.1 | 0.25 | 2.3 | 1351 | 7.1 |
| SA5101869 | 1.5 | 0.56 | 0.74 | 3.6 | 18.2 | 484 | 5.3 | 8 | 13.6 | 0.05 | 2.8 | 3.7 | 0.5 | 2.2 | 175 | 0.1 | 0.25 | 1.5 | 1274 | 0.7 |
| SA5101870 | 1.5 | 1.7 | 1.60 | 6.4 | 14.9 | 739 | 5.2 | 26 | 26.7 | 0.05 | 7.2 | 7.4 | 0.5 | 4.3 | 330 | 0.5 | 0.25 | 3.3 | 2454 | 2.6 |
| SA5101871 | 2.1 | 0.06 | 0.07 | 0.5 | 12.9 | 286 | 2.6 | 2.5 | 1 | 0.05 | 0.9 | 1.4 | 0.5 | 1.1 | 45 | 0.1 | 0.25 | 0.5 | 148 | 0.2 |
| SA5101872 | 2.8 | 0.22 | 0.23 | 1.1 | 12.3 | 502 | 6.9 | 2.5 | 1 | 0.05 | 1.9 | 2.4 | 0.5 | 1.9 | 84 | 0.1 | 0.25 | 1.4 | 675 | 0.3 |
| SA5101873 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101874 | 5.6 | 0.08 | 0.09 | 1.5 | 15.8 | 372 | 7.2 | 2.5 | 1 | 0.05 | 0.9 | 1.3 | 0.5 | 1.4 | 40 | 0.1 | 0.25 | 0.9 | 230 | 1.9 |
| SA5101875 | 6.6 | 0.25 | 0.27 | 1.7 | 19.9 | 241 | 4.0 | 2.5 | 3.7 | 0.05 | 1.7 | 2.1 | 0.5 | 2.6 | 86 | 0.1 | 0.25 | 0.9 | 573 | 2.2 |
| SA5101876 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101877 | 1.6 | 0.09 | 0.10 | 0.5 | 13.7 | 443 | 3.8 | 2.5 | 1 | 0.05 | 1.5 | 2.0 | 0.5 | 2.1 | 56 | 0.1 | 0.25 | 1.4 | 387 | 0.3 |
| SA5101878 | 6.8 | 0.29 | 0.31 | 3.1 | 13.3 | 768 | 7.1 | 2.5 | 3.4 | 0.05 | 2.7 | 3.6 | 0.5 | 5.1 | 90 | 0.2 | 0.6 | 2.3 | 874 | 0.8 |
| SA5101879 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101880 | 4.3 | 1.9 | 1.91 | 6.1 | 17.0 | 663 | 0.5 | 22 | 23.4 | 0.05 | 6.4 | 7.3 | 0.5 | 5.1 | 390 | 0.4 | 0.25 | 3 | 2652 | 4.7 |
| SA5101881 | 2.0 | 0.025 | 0.05 | 0.5 | 8.6 | 262 | 9.7 | 2.5 | 1 | 0.05 | 0.6 | 0.9 | 0.5 | 2.5 | 36 | 0.1 | 0.25 | 0.6 | 112 | 0.2 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | 10 | 0.5 | 4.7 | 0.25 | 52.2 | 50 | 2.4 | 10071188 | 38 | 1 | 3.39 | 0.05 | 2.37 | 0.5 | 23.5 | 0.5 | 0.25 | 4.36 | 191 |
| SA5101072 | 50 | 1 | 16.9 | 1.5 | 55.7 | 50 | 36.3 | 10071189 | 37 | 1 | 3.19 | 0.05 | 2.65 | 0.5 | 22.7 | 0.5 | 0.25 | 2.98 | 44 |
| SA5101073 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071191 | 10 | 1 | 2.38 | 0.05 | 2.90 | 0.5 | 23.3 | 0.5 | 0.25 | 1.10 | 89 |
| SA5101074 | 9 | 0.5 | 3.8 | 0.25 | 32.5 | 50 | 1.3 | 10071192 | 61 | 1 | 2.20 | 0.05 | 1.66 | 0.5 | 14.7 | 0.5 | 0.25 | 3.33 | 204 |
| SA5101075 | 59 | 0.5 | 9.2 | 0.25 | 63.3 | 50 | 37.8 | 10071193 | 16 | 1 | 1.97 | 0.05 | 2.41 | 0.5 | 22.9 | 0.5 | 0.25 | 0.25 | 76 |
| SA5101076 | 15 | 0.5 | 7.2 | 0.25 | 53.8 | 50 | 6.2 | 10071194 | 58 | 1 | 2.07 | 0.05 | 1.23 | 0.5 | 12.1 | 0.5 | 0.25 | 0.70 | 69 |
| SA5101077 | 11 | 0.5 | 7.7 | 0.25 | 39.6 | 50 | 3.0 | 10071195 | 71 | 1 | 1.39 | 0.05 | 1.40 | 0.5 | 12.8 | 0.5 | 0.25 | 1.65 | 30 |
| SA5101078 | 19 | 0.5 | 8.4 | 0.25 | 50.0 | 50 | 10.9 | 10071196 | 46 | 1 | 3.10 | 0.05 | 2.63 | 0.5 | 20.2 | 0.5 | 0.25 | 6.21 | 96 |
| SA5101079 | 13 | 0.5 | 9.2 | 0.7 | 48.1 | 50 | 5.5 | 10071197 | 42 | 1 | 4.15 | 0.05 | 2.51 | 0.5 | 24.4 | 0.5 | 0.25 | 0.25 | 160 |
| SA5101080 | 11 | 0.5 | 4.8 | 0.25 | 68.7 | 50 | 10.7 | 10071198 | 40 | 1 | 1.46 | 0.05 | 1.14 | 0.5 | 11.3 | 0.5 | 0.25 | 2.81 | 56 |
| SA5101081 | 21 | 0.5 | 8.4 | 0.25 | 60.6 | 50 | 4.7 | 10071199 | 31 | 1 | 3.07 | 0.05 | 2.61 | 0.5 | 21.9 | 0.5 | 0.25 | 1.42 | 280 |
| SA5101082 | 25 | 0.5 | 8.1 | 0.25 | 46.5 | 50 | 11.8 | 10071201 | 65 | 1 | 2.84 | 0.05 | 2.98 | 0.5 | 23.7 | 0.5 | 0.25 | 2.62 | 123 |
| SA5101083 | 23 | 0.5 | 19.5 | 1.3 | 51.1 | 50 | 10.3 | 10071202 | 23 | 1 | 0.98 | 0.05 | 0.45 | 0.5 | 6.7 | 0.5 | 0.25 | 0.25 | 11 |
| SA5101084 | 38 | 0.5 | 16.0 | 0.25 | 38.1 | 50 | 7.3 | 10071203 | 76 | 1 | 1.69 | 0.05 | 2.10 | 0.5 | 16.7 | 0.5 | 0.25 | 1.55 | 50 |
| SA5101085 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071204 | 28 | 1 | 2.04 | 0.05 | 1.93 | 0.5 | 17.4 | 0.5 | 1.1 | 1.93 | 25 |
| SA5101086 | 8 | 0.5 | 3.9 | 0.25 | 32.0 | 50 | 3.4 | 10071205 | 106 | 1 | 2.28 | 0.05 | 2.42 | 0.5 | 19.8 | 0.5 | 0.25 | 2.87 | 100 |
| SA5101087 | 29 | 0.5 | 2.9 | 0.25 | 23.8 | 50 | 2.4 | 10071206 | 45 | 1 | 1.87 | 0.05 | 3.37 | 0.5 | 24.7 | 0.5 | 0.25 | 2.33 | 5 |
| SA5101088 | 17 | 0.5 | 7.8 | 0.25 | 40.7 | 50 | 17.5 | 10071207 | 58 | 1 | 1.21 | 0.05 | 1.81 | 0.5 | 15.9 | 0.5 | 0.25 | 1.38 | 67 |
| SA5101089 | 45 | 0.5 | 15.1 | 1.2 | 58.0 | 50 | 61.8 | 10071208 | 34 | 1 | 3.69 | 0.05 | 3.18 | 0.5 | 25.1 | 0.5 | 0.25 | 2.01 | 365 |
| SA5101090 | 8 | -9 | 2.5 | -9 | 22.5 | -9 | 1.9 | 10071209 | 58 | 1 | 0.72 | 0.05 | 0.55 | 0.5 | 7.5 | 0.5 | 0.25 | 2.90 | 157 |
| SA5101091 | 29 | 0.5 | 9.7 | 0.25 | 64.6 | 50 | 28.7 | 10071211 | 46 | 1 | 5.97 | 0.05 | 3.75 | 0.5 | 27.6 | 0.5 | 0.25 | 7.09 | 194 |
| SA5101092 | 30 | 0.5 | 11.3 | 0.7 | 59.8 | 50 | 27.4 | 10071212 | 43 | 1 | 3.23 | 0.05 | 2.83 | 0.5 | 21.6 | 0.5 | 0.25 | 4.17 | 106 |
| SA5101093 | 22 | 0.5 | 6.9 | 0.25 | 51.6 | 50 | 10.2 | 10071213 | 60 | 1 | 4.39 | 0.05 | 2.74 | 0.5 | 21.4 | 0.5 | 0.25 | 3.85 | 230 |
| SA5101094 | 9 | 0.5 | 5.2 | 0.25 | 14.2 | 50 | 2.1 | 10071214 | 68 | 1 | 2.01 | 0.05 | 0.60 | 0.5 | 8.5 | 0.5 | 0.25 | 0.62 | 304 |
| SA5101095 | 54 | 0.5 | 17.4 | 0.8 | 88.1 | 50 | 27.5 | 10071215 | 51 | 1 | 2.42 | 0.05 | 2.29 | 0.5 | 19.6 | 0.5 | 0.25 | 4.80 | 106 |
| SA5101096 | 16 | 0.5 | 10.8 | 0.25 | 31.6 | 50 | 13.9 | 10071216 | 87 | 1 | 2.67 | 0.05 | 2.40 | 0.5 | 19.8 | 0.5 | 0.25 | 7.90 | 272 |
| SA5101097 | 8 | 0.5 | 12.1 | 0.7 | 35.0 | 50 | 2.1 | 10071217 | 122 | 1 | 1.79 | 0.05 | 2.15 | 0.5 | 23.0 | 0.5 | 0.25 | 7.51 | 36 |
| SA5101098 | 18 | 0.5 | 37.8 | 1.5 | 53.3 | 50 | 4.8 | 10071218 | 40 | 1 | 0.67 | 0.05 | 0.88 | 0.5 | 9.8 | 0.5 | 0.6 | 8.67 | 27 |
| SA5101099 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071219 | 68 | 1 | 1.01 | 0.05 | 2.44 | 0.5 | 20.2 | 0.5 | 0.25 | 7.38 | 29 |
| SA5101100 | 69 | 0.5 | 231.8 | 15 | 180.2 | 50 | 19.4 | 10071221 | 80 | 1 | 1.04 | 0.05 | 0.93 | 0.5 | 10.4 | 0.5 | 0.6 | 6.61 | 12 |
| SA5101101 | 33 | -9 | 70.6 | -9 | 78.8 | -9 | 14.6 | 10071222 | 40 | 1 | 1.41 | 0.05 | 1.55 | 0.5 | 14.6 | 0.5 | 0.25 | 3.16 | 5 |
| SA5101102 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071223 | 143 | 1 | 1.07 | 0.05 | 0.49 | 0.5 | 9.6 | 0.5 | 0.25 | 1.81 | 85 |
| SA5101103 | 55 | 0.5 | 9.2 | 0.25 | 53.3 | 50 | 4.3 | 10071224 | 67 | 1 | 0.45 | 0.05 | 0.33 | 0.5 | 5.9 | 0.5 | 0.25 | 11.37 | 30 |
| SA5101104 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071225 | 140 | 1 | 4.32 | 0.05 | 1.61 | 0.5 | 14.9 | 0.5 | 0.25 | 6.30 | 170 |
| SA5101105 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071226 | 88 | 1 | 2.03 | 0.05 | 1.17 | 0.5 | 11.9 | 0.5 | 0.25 | 5.51 | 246 |
| SA5101106 | 9 | 0.5 | 6.4 | 0.25 | 57.7 | 50 | 4.0 | 10071227 | 40 | 1 | 2.41 | 0.05 | 1.31 | 0.5 | 12.0 | 0.5 | 0.25 | 10.19 | 294 |
| SA5101107 | 21 | 0.5 | 7.4 | 0.8 | 52.7 | 50 | 2.8 | 10071228 | 72 | 1 | 1.79 | 0.05 | 1.03 | 0.5 | 12.1 | 0.5 | 0.25 | 2.12 | 24 |
| SA5101108 | 21 | 0.5 | 7.0 | 0.25 | 53.5 | 50 | 3.8 | 10071229 | 70 | 1 | 1.82 | 0.05 | 1.17 | 0.5 | 11.3 | 0.5 | 0.25 | 4.28 | 139 |
| SA5101109 | 26 | 0.5 | 8.4 | 0.7 | 67.8 | 50 | 8.6 | 10071231 | 54 | 1 | 3.25 | 0.05 | 1.98 | 0.5 | 18.0 | 0.5 | 0.25 | 1.82 | 36 |
| SA5101110 | 17 | 0.5 | 5.1 | 0.25 | 45.5 | 50 | 3.0 | 10071232 | 58 | 1 | 2.94 | 0.05 | 2.04 | 0.5 | 18.0 | 0.5 | 0.25 | 2.56 | 59 |
| SA5101111 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071233 | 65 | 1 | 0.78 | 0.05 | 0.52 | 0.5 | 8.8 | 0.5 | 0.25 | 1.94 | 55 |
| SA5101112 | 35 | 0.5 | 5.5 | 0.25 | 68.4 | 50 | 8.3 | 10071234 | 70 | 1 | 1.07 | 0.05 | 0.71 | 0.5 | 8.1 | 0.5 | 0.25 | 2.74 | 24 |
| SA5101113 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071235 | 14 | 1 | 4.60 | 0.05 | 2.84 | 0.5 | 25.1 | 0.5 | 0.25 | 2.37 | 259 |
| SA5101114 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071236 | 129 | 1 | 1.05 | 0.05 | 0.39 | 0.5 | 7.2 | 0.5 | 0.25 | 3.08 | 108 |
| SA5101115 | 54 | 0.5 | 13.4 | 1.4 | 90.7 | 210 | 50.1 | 10071237 | 9 | 1 | 2.95 | 0.05 | 2.16 | 0.5 | 19.4 | 0.5 | 0.25 | 4.33 | 55 |
| SA5101116 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071238 | 44 | 1 | 0.21 | 0.05 | 0.19 | 0.5 | 4.5 | 0.5 | 0.25 | 0.25 | 13 |
| SA5101117 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071239 | 18 | 1 | 2.07 | 0.05 | 1.39 | 0.5 | 17.2 | 0.5 | 0.25 | 4.34 | 353 |
| SA5101118 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071241 | 128 | 1 | 0.84 | 0.05 | 0.49 | 0.5 | 10.1 | 0.5 | 0.25 | 3.26 | 87 |
| SA5101119 | 26 | 0.5 | 6.5 | 0.7 | 28.8 | 220 | 53.3 | 10071242 | 241 | 1 | 1.86 | 0.05 | 0.66 | 0.5 | 13.6 | 0.5 | 0.25 | 4.15 | 166 |
| SA5101120 | 11 | 0.5 | 4.5 | 0.25 | 37.8 | 50 | 4.7 | 10071243 | 64 | 1 | 4.02 | 0.05 | 2.25 | 0.5 | 18.3 | 0.5 | 0.25 | 0.25 | 146 |
| SA5101121 | 12 | 0.5 | 7.9 | 0.25 | 48.6 | 50 | 3.8 | 10071244 | 107 | 1 | 4.12 | 0.05 | 2.26 | 0.5 | 19.3 | 0.5 | 0.25 | 1.34 | 91 |
| SA5101122 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071245 | 27 | 1 | 4.00 | 0.05 | 3.19 | 0.5 | 25.5 | 0.5 | 0.25 | 0.25 | 278 |
| SA5101123 | 20 | 0.5 | 8.7 | 0.25 | 29.6 | 50 | 5.1 | 10071246 | 118 | 1 | 1.34 | 0.05 | 0.76 | 0.5 | 8.1 | 0.5 | 0.25 | 0.25 | 342 |
| SA5101124 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071247 | 51 | 1 | 2.34 | 0.05 | 1.48 | 0.5 | 13.1 | 0.5 | 0.25 | 1.63 | 132 |
| SA5101125 | 60 | 0.5 | 17.0 | 1.3 | 71.0 | 350 | 48.7 | 10071248 | 34 | 1 | 1.20 | 0.05 | 1.11 | 0.5 | 10.4 | 0.5 | 0.25 | 1.75 | 5 |
| SA5101126 | 61 | 0.5 | 17.4 | 0.9 | 86.3 | 50 | 14.4 | 10071249 | 22 | 1 | 3.69 | 0.05 | 2.25 | 0.5 | 19.2 | 0.5 | 0.25 | 3.50 | 56 |
| SA5101127 | 77 | 0.5 | 18.1 | 1.3 | 95.9 | 50 | 40.5 | 10071251 | 23 | 1 | 3.87 | 0.05 | 2.33 | 0.5 | 20.2 | 0.5 | 0.25 | 6.23 | 54 |
| SA5101128 | 11 | 0.5 | 1.6 | 0.25 | 53.0 | 50 | 1.7 | 10071252 | 5 | 1 | 0.05 | 0.05 | 1.34 | 0.5 | 14.1 | 0.5 | 0.9 | 0.25 | 5 |
| SA5101129 | 12 | 0.5 | 8.7 | 0.25 | 52.3 | 50 | 3.5 | 10071253 | 27 | 1 | 1.05 | 0.05 | 0.51 | 0.5 | 6.2 | 0.5 | 0.25 | 2.90 | 54 |
| SA5101130 | 72 | 0.5 | 24.8 | 1.5 | 64.5 | 50 | 11.0 | 10071254 | 67 | 1 | 1.71 | 0.05 | 1.71 | 0.5 | 19.3 | 0.5 | 0.25 | 1.26 | 53 |
| SA5101131 | 54 | 0.5 | 33.6 | 1.9 | 121.4 | 50 | 8.8 | 10071255 | 24 | 1 | 1.28 | 0.05 | 1.20 | 0.5 | 12.4 | 0.5 | 1.0 | 1.50 | 42 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | 9 | 0.5 | 2.1 | 0.25 | 44.3 | 50 | 2.4 | 10071256 | 26 | 1 | 0.52 | 0.05 | 0.76 | 0.5 | 8.6 | 0.5 | 0.25 | 6.17 | 53 |
| SA5101133 | 34 | 0.5 | 1.3 | 0.25 | 26.2 | 50 | 0.5 | 10071257 | 26 | 1 | 0.75 | 0.05 | 1.27 | 0.5 | 11.6 | 0.5 | 0.25 | 3.51 | 34 |
| SA5101134 | 6 | 0.5 | 4.8 | 0.25 | 31.2 | 50 | 2.5 | 10071258 | 68 | 1 | 2.47 | 0.05 | 1.52 | 0.5 | 14.7 | 0.5 | 0.25 | 2.36 | 142 |
| SA5101135 | 31 | 0.5 | 17.6 | 0.25 | 40.6 | 50 | 10.3 | 10071259 | 60 | 1 | 1.37 | 0.05 | 1.00 | 0.5 | 10.1 | 0.5 | 0.25 | 3.57 | 149 |
| SA5101136 | 15 | 0.5 | 5.0 | 0.25 | 20.4 | 200 | 18.8 | 10071261 | 95 | 1 | 0.36 | 0.05 | 0.66 | 0.5 | 8.1 | 0.5 | 0.25 | 4.54 | 212 |
| SA5101137 | 18 | 0.5 | 7.4 | 0.25 | 77.9 | 50 | 5.6 | 10071262 | 22 | 1 | 2.52 | 0.05 | 1.93 | 0.5 | 19.9 | 0.5 | 0.25 | 2.90 | 604 |
| SA5101138 | 10 | 0.5 | 3.2 | 0.25 | 50.9 | 50 | 2.2 | 10071263 | 30 | 1 | 1.91 | 0.05 | 1.76 | 0.5 | 18.6 | 0.5 | 0.25 | 2.90 | 403 |
| SA5101139 | 19 | 0.5 | 10.0 | 1 | 87.2 | 50 | 8.6 | 10071264 | 20 | 1 | 2.36 | 0.05 | 1.70 | 0.5 | 17.3 | 0.5 | 0.25 | 2.24 | 331 |
| SA5101140 | 9 | 0.5 | 3.6 | 0.25 | 28.2 | 50 | 2.2 | 10071265 | 61 | 1 | 1.81 | 0.05 | 0.63 | 0.5 | 8.9 | 0.5 | 0.25 | 2.00 | 259 |
| SA5101141 | 26 | 0.5 | 6.5 | 0.6 | 59.0 | 50 | 6.5 | 10071266 | 18 | 1 | 2.30 | 0.1 | 1.44 | 0.5 | 14.5 | 0.5 | 0.25 | 3.42 | 254 |
| SA5101142 | 16 | 0.5 | 13.2 | 0.25 | 37.9 | 50 | 5.9 | 10071267 | 57 | 1 | 1.24 | 0.05 | 1.00 | 0.5 | 11.0 | 0.5 | 0.25 | 1.41 | 59 |
| SA5101143 | 23 | 0.5 | 7.5 | 0.25 | 26.5 | 50 | 2.1 | 10071268 | 14 | 1 | 1.33 | 0.05 | 1.42 | 0.5 | 14.8 | 0.5 | 0.25 | 4.15 | 147 |
| SA5101144 | 8 | 0.5 | 9.1 | 0.25 | 26.1 | 50 | 3.7 | 10071269 | 175 | 1 | 2.00 | 0.05 | 1.44 | 0.5 | 13.7 | 0.5 | 0.25 | 7.13 | 144 |
| SA5101145 | 11 | 0.5 | 6.2 | 0.25 | 53.7 | 50 | 3.9 | 10071271 | 17 | 1 | 1.32 | 0.05 | 1.82 | 0.5 | 18.7 | 0.5 | 0.25 | 8.35 | 320 |
| SA5101146 | 37 | 0.5 | 24.8 | 1.2 | 48.6 | 50 | 5.6 | 10071272 | 16 | 1 | 1.08 | 0.05 | 0.81 | 0.5 | 9.9 | 0.5 | 0.25 | 2.44 | 29 |
| SA5101147 | 65 | 0.5 | 18.8 | 1.4 | 95.8 | 50 | 29.7 | 10071273 | 41 | 1 | 1.29 | 0.05 | 1.23 | 0.5 | 13.8 | 0.5 | 0.25 | 6.77 | 66 |
| SA5101148 | 83 | 0.5 | 17.5 | 0.8 | 99.9 | 50 | 41.3 | 10071274 | 42 | 1 | 2.93 | 0.05 | 1.52 | 0.5 | 14.7 | 0.5 | 0.25 | 2.20 | 79 |
| SA5101149 | 22 | 0.5 | 3.8 | 0.25 | 46.3 | 50 | 2.9 | 10071275 | 26 | 1 | 28.28 | 0.05 | 5.03 | 0.5 | 36.7 | 0.5 | 0.7 | 2.81 | 24 |
| SA5101150 | 21 | 0.5 | 8.7 | 0.25 | 66.3 | 50 | 6.1 | 10071276 | 19 | 1 | 3.08 | 0.05 | 1.50 | 0.5 | 15.4 | 0.5 | 0.25 | 4.77 | 286 |
| SA5101151 | 22 | 0.5 | 8.3 | 0.25 | 47.9 | 50 | 2.5 | 10071277 | 36 | 1 | 2.99 | 0.05 | 1.44 | 0.5 | 22.6 | 0.5 | 0.25 | 7.15 | 100 |
| SA5101152 | 44 | -9 | 38.7 | -9 | 80.7 | -9 | 13.5 | 10071278 | 33 | 1 | 1.90 | 0.05 | 0.93 | 0.5 | 11.8 | 0.5 | 0.25 | 6.05 | 36 |
| SA5101153 | 24 | 0.5 | 15.7 | 0.9 | 39.1 | 50 | 3.2 | 10071279 | 111 | 1 | 4.25 | 0.05 | 1.56 | 0.5 | 17.2 | 0.5 | 0.25 | 5.68 | 333 |
| SA5101154 | 47 | 0.5 | 18.5 | 1.9 | 55.7 | 50 | 30.7 | 10071281 | 51 | 1 | 4.88 | 0.05 | 2.17 | 0.5 | 21.6 | 0.5 | 0.25 | 2.51 | 334 |
| SA5101155 | 25 | 0.5 | 37.4 | 2.7 | 70.6 | 50 | 6.5 | 10071282 | 42 | 1 | 4.02 | 0.05 | 2.41 | 0.5 | 25.8 | 0.5 | 0.25 | 5.93 | 123 |
| SA5101156 | 18 | 0.5 | 19.7 | 1.9 | 112.0 | 50 | 5.6 | 10071283 | 17 | 1 | 5.22 | 0.05 | 2.74 | 0.5 | 27.0 | 0.5 | 0.25 | 5.32 | 390 |
| SA5101157 | 59 | -9 | 18.0 | -9 | 85.7 | -9 | 38.3 | 10071284 | 61 | 1 | 1.94 | 0.05 | 0.63 | 0.5 | 8.1 | 0.5 | 0.25 | 4.35 | 250 |
| SA5101158 | 63 | 0.5 | 29.3 | 3 | 65.4 | 300 | 51.6 | 10071285 | 24 | 1 | 6.31 | 0.05 | 4.62 | 0.5 | 45.3 | 0.5 | 0.25 | 5.87 | 247 |
| SA5101159 | 41 | 0.5 | 23.1 | 2 | 59.4 | 50 | 29.6 | 10071286 | 33 | 1 | 4.44 | 0.05 | 3.41 | 0.5 | 32.0 | 0.5 | 0.25 | 2.47 | 238 |
| SA5101160 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071287 | 34 | 1 | 2.73 | 0.05 | 1.43 | 0.5 | 20.3 | 0.5 | 0.25 | 6.69 | 92 |
| SA5101161 | 9 | 0.5 | 14.4 | 0.8 | 21.9 | 50 | 3.0 | 10071288 | 187 | 1 | 3.75 | 0.05 | 0.86 | 0.5 | 13.9 | 0.5 | 0.25 | 2.97 | 137 |
| SA5101162 | 20 | 0.5 | 17.7 | 1.2 | 26.7 | 50 | 14.5 | 10071289 | 103 | 1 | 0.22 | 0.05 | 0.23 | 0.5 | 5.4 | 0.5 | 0.25 | 5.14 | 47 |
| SA5101163 | 16 | 0.5 | 41.1 | 2.5 | 58.3 | 50 | 5.7 | 10071291 | 56 | 1 | 1.27 | 0.05 | 1.60 | 0.5 | 17.3 | 0.5 | 0.25 | 7.13 | 10 |
| SA5101164 | 25 | 0.5 | 27.9 | 1.9 | 70.7 | 50 | 12.5 | 10071292 | 20 | 1 | 2.90 | 0.05 | 1.93 | 0.5 | 19.6 | 0.5 | 0.25 | 5.83 | 85 |
| SA5101165 | 27 | -9 | 18.5 | -9 | 65.7 | -9 | 8.2 | 10071293 | 28 | 1 | 3.25 | 0.05 | 2.62 | 0.5 | 26.5 | 0.5 | 0.25 | 4.40 | 53 |
| SA5101166 | 11 | 0.5 | 13.4 | 0.25 | 20.6 | 50 | 5.7 | 10071294 | 105 | 1 | 0.59 | 0.05 | 0.23 | 0.5 | 5.4 | 0.5 | 0.25 | 2.60 | 42 |
| SA5101167 | 48 | 0.5 | 15.3 | 2.2 | 40.9 | 50 | 58.3 | 10071295 | 91 | 1 | 0.05 | 0.05 | 0.16 | 0.5 | 4.7 | 0.5 | 0.25 | 5.14 | 20 |
| SA5101168 | 16 | 0.5 | 68.4 | 5.3 | 33.7 | 50 | 11.3 | 10071296 | 50 | 1 | 2.19 | 0.05 | 1.60 | 0.5 | 10.9 | 0.5 | 1.2 | 6.98 | 15 |
| SA5101169 | 30 | 0.5 | 13.7 | 1.3 | 48.2 | 50 | 26.4 | 10071297 | 20 | 1 | 0.05 | 0.05 | 0.11 | 0.5 | 3.2 | 0.5 | 0.6 | 0.25 | 5 |
| SA5101170 | 57 | 0.5 | 14.8 | 1.3 | 61.9 | 50 | 51.7 | 10071298 | 57 | 1 | 38.97 | 0.05 | 6.64 | 0.5 | 45.1 | 0.5 | 1.8 | 2.31 | 34 |
| SA5101171 | 8 | 0.5 | 4.6 | 0.25 | 35.6 | 50 | 3.3 | 10071299 | 57 | 1 | 7.11 | 0.05 | 5.14 | 0.5 | 34.3 | 0.5 | 0.25 | 4.74 | 26 |
| SA5101172 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071301 | 120 | 1 | 3.28 | 0.05 | 1.31 | 0.5 | 12.3 | 0.5 | 0.25 | 4.36 | 180 |
| SA5101173 | 20 | 0.5 | 36.2 | 2.4 | 44.8 | 50 | 3.7 | 10071302 | 81 | 1 | 1.50 | 0.05 | 1.25 | 0.5 | 13.5 | 0.5 | 0.25 | 1.75 | 22 |
| SA5101174 | 8 | 0.5 | 21.5 | 1.6 | 34.8 | 50 | 1.9 | 10071303 | 92 | 1 | 1.48 | 0.05 | 0.87 | 0.5 | 7.5 | 0.5 | 0.25 | 0.50 | 58 |
| SA5101175 | 12 | 0.5 | 2.6 | 0.25 | 26.9 | 50 | 1.2 | 10071304 | 73 | 1 | 1.60 | 0.05 | 1.41 | 0.5 | 13.5 | 0.5 | 0.25 | 1.94 | 126 |
| SA5101176 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071305 | 52 | 1 | 1.65 | 0.05 | 0.99 | 0.5 | 10.4 | 0.5 | 0.25 | 0.25 | 151 |
| SA5101177 | 34 | 0.5 | 10.0 | 0.25 | 70.1 | 50 | 11.7 | 10071306 | 20 | 1 | 2.30 | 0.05 | 2.24 | 0.5 | 16.1 | 0.5 | 0.25 | 5.47 | 100 |
| SA5101178 | 19 | 0.5 | 9.7 | 0.6 | 60.8 | 50 | 5.7 | 10071307 | 10 | 1 | 1.37 | 0.05 | 1.10 | 0.5 | 13.0 | 0.5 | 0.25 | 1.21 | 109 |
| SA5101179 | 9 | 0.5 | 1.2 | 0.25 | 15.5 | 50 | 3.2 | 10071308 | 102 | 1 | 8.16 | 0.05 | 1.01 | 0.5 | 16.8 | 0.5 | 0.25 | 0.25 | 447 |
| SA5101180 | 21 | -9 | 5.1 | -9 | 54.4 | -9 | 3.1 | 10071309 | 42 | 1 | 3.91 | 0.05 | 2.57 | 0.5 | 23.1 | 0.5 | 0.25 | 1.88 | 473 |
| SA5101181 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071311 | 23 | 1 | 1.42 | 0.05 | 0.04 | 0.5 | 10.2 | 0.5 | 0.25 | 3.71 | 5 |
| SA5101182 | 18 | 0.5 | 9.8 | 0.6 | 38.0 | 50 | 7.3 | 10071312 | 29 | 1 | 2.17 | 0.05 | 0.02 | 0.5 | 17.9 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101183 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071313 | 33 | 1 | 2.79 | 0.05 | 1.38 | 0.5 | 35.9 | 0.5 | 0.25 | 1.52 | 44 |
| SA5101184 | 24 | 0.5 | 9.6 | 0.6 | 72.0 | 50 | 10.0 | 10071314 | 24 | 1 | 1.64 | 0.05 | 0.03 | 0.5 | 15.9 | 0.5 | 0.25 | 37.48 | 20 |
| SA5101185 | 49 | 0.5 | 14.5 | 1.4 | 63.8 | 50 | 49.0 | 10071315 | 55 | 1 | 2.47 | 0.05 | 1.45 | 0.5 | 15.9 | 0.5 | 0.25 | 1.15 | 245 |
| SA5101186 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071316 | 59 | 1 | 1.48 | 0.05 | 1.58 | 0.5 | 17.5 | 0.5 | 0.25 | 9.74 | 31 |
| SA5101187 | 48 | 0.5 | 16.6 | 1.2 | 70.4 | 50 | 29.5 | 10071317 | 36 | 1 | 2.11 | 0.05 | 1.64 | 0.5 | 16.2 | 0.5 | 0.25 | 0.25 | 100 |
| SA5101188 | 77 | 0.5 | 26.2 | 2.1 | 118.6 | 50 | 36.7 | 10071318 | 54 | 1 | 1.91 | 0.05 | 1.64 | 0.5 | 16.5 | 0.5 | 0.25 | 7.56 | 140 |
| SA5101189 | 37 | 0.5 | 9.0 | 0.9 | 59.8 | 50 | 34.5 | 10071319 | 95 | 1 | 2.25 | 0.05 | 2.18 | 0.5 | 20.4 | 0.5 | 0.25 | 0.54 | 121 |
| SA5101190 | 31 | 0.5 | 4.2 | 0.25 | 38.8 | 50 | 6.5 | 10071321 | 78 | 1 | 2.31 | 0.05 | 2.67 | 0.5 | 23.7 | 0.5 | 0.25 | 0.90 | 90 |
| SA5101191 | 8 | 0.5 | 4.3 | 0.25 | 39.4 | 50 | 3.5 | 10071322 | 37 | 1 | 9.30 | 0.05 | 4.09 | 0.5 | 30.1 | 0.5 | 0.25 | 9.43 | 15 |
| SA5101192 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071323 | 31 | 1 | 1.96 | 0.05 | 1.38 | 0.5 | 13.0 | 0.5 | 0.25 | 4.48 | 5 |

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | 154 | -9 | 192.7 | -9 | 358.3 | -9 | 131.2 | 10071324 | 53 | 1 | 0.88 | 0.05 | 0.32 | 0.5 | 4.9 | 0.5 | 0.25 | 2.78 | 5 |
| SA5101194 | 17 | 0.5 | 10.0 | 0.6 | 36.7 | 50 | 11.9 | 10071325 | 84 | 1 | 16.08 | 0.05 | 1.93 | 0.5 | 14.9 | 0.5 | 0.25 | 1.81 | 22 |
| SA5101195 | 33 | 0.5 | 8.0 | 0.6 | 39.9 | 50 | 31.7 | 10071326 | 120 | 1 | 7.59 | 0.05 | 2.83 | 0.5 | 21.0 | 0.5 | 1.4 | 6.82 | 45 |
| SA5101196 | 65 | 0.5 | 13.3 | 1.4 | 100.9 | 50 | 25.9 | 10071327 | 53 | 1 | 3.95 | 0.05 | 2.12 | 0.5 | 19.7 | 0.5 | 0.25 | 0.25 | 210 |
| SA5101197 | 24 | 0.5 | 8.0 | 0.6 | 61.0 | 50 | 7.2 | 10071328 | 193 | 1 | 2.69 | 0.05 | 1.53 | 0.5 | 15.7 | 0.5 | 0.25 | 8.92 | 342 |
| SA5101198 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071329 | 36 | 1 | 3.18 | 0.05 | 2.12 | 0.5 | 19.5 | 0.5 | 0.25 | 1.85 | 166 |
| SA5101199 | 9 | 0.5 | 2.4 | 0.25 | 22.5 | 50 | 1.9 | 10071331 | 130 | 1 | 5.86 | 0.05 | 0.86 | 0.5 | 11.5 | 0.5 | 0.25 | 2.29 | 177 |
| SA5101200 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071332 | 32 | 1 | 1.27 | 0.05 | 1.12 | 0.5 | 11.9 | 0.5 | 0.25 | 0.61 | 56 |
| SA5101201 | 34 | 0.5 | 9.9 | 0.9 | 47.9 | 50 | 11.3 | 10071333 | 25 | 1 | 1.95 | 0.05 | 1.59 | 0.5 | 14.9 | 0.5 | 0.6 | 5.95 | 85 |
| SA5101202 | 32 | 0.5 | 12.1 | 0.25 | 60.6 | 50 | 5.2 | 10071334 | 32 | 1 | 2.26 | 0.05 | 1.47 | 0.5 | 14.2 | 0.5 | 0.25 | 2.97 | 180 |
| SA5101203 | 72 | -9 | 27.6 | -9 | 108.3 | -9 | 13.3 | 10071335 | 13 | 1 | 3.26 | 0.05 | 1.71 | 0.5 | 19.2 | 0.5 | 0.25 | 1.36 | 116 |
| SA5101204 | 65 | -9 | 13.2 | -9 | 83.0 | -9 | 39.8 | 10071336 | 11 | 1 | 6.89 | 0.05 | 5.62 | 0.5 | 54.5 | 0.5 | 0.25 | 1.65 | 219 |
| SA5101205 | 22 | 0.5 | 3.4 | 0.25 | 64.1 | 50 | 2.6 | 10071337 | 8 | 1 | 0.63 | 0.05 | 2.30 | 0.5 | 27.8 | 0.5 | 0.5 | 0.25 | 213 |
| SA5101206 | 21 | 0.5 | 4.3 | 0.25 | 83.0 | 50 | 10.7 | 10071338 | 10 | 1 | 1.95 | 0.05 | 4.40 | 0.5 | 41.7 | 0.5 | 0.25 | 0.75 | 309 |
| SA5101207 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071339 | 17 | 1 | 1.00 | 0.05 | 3.20 | 0.5 | 32.8 | 0.5 | 0.25 | 0.25 | 318 |
| SA5101208 | 23 | 0.5 | 7.1 | 0.25 | 71.2 | 50 | 4.3 | 10071341 | 11 | 1 | 1.67 | 0.05 | 3.07 | 0.5 | 41.7 | 0.5 | 0.25 | 0.81 | 446 |
| SA5101209 | 17 | 0.5 | 5.6 | 0.25 | 22.8 | 50 | 4.6 | 10071342 | 6 | 1 | 1.11 | 0.05 | 1.22 | 0.5 | 17.8 | 0.5 | 0.25 | 2.14 | 189 |
| SA5101210 | 37 | 0.5 | 13.1 | 0.9 | 87.6 | 50 | 6.5 | 10071343 | 16 | 1 | 2.53 | 0.05 | 4.45 | 0.5 | 36.1 | 0.5 | 0.25 | 1.83 | 533 |
| SA5101211 | 32 | 0.5 | 15.8 | 0.9 | 80.9 | 50 | 9.6 | 10071344 | 19 | 1 | 2.17 | 0.05 | 1.75 | 0.5 | 20.3 | 0.5 | 0.25 | 2.38 | 451 |
| SA5101212 | 14 | 0.5 | 31.9 | 2.5 | 42.2 | 50 | 3.8 | 10071345 | 35 | 1 | 1.40 | 0.05 | 1.57 | 0.5 | 16.0 | 0.5 | 0.25 | 0.25 | 371 |
| SA5101213 | 12 | 0.5 | 1.8 | 0.25 | 56.1 | 50 | 3.5 | 10071346 | 13 | 1 | 1.67 | 0.05 | 2.20 | 0.5 | 31.8 | 0.5 | 0.25 | 1.27 | 522 |
| SA5101214 | 64 | 0.5 | 11.0 | 0.25 | 68.1 | 50 | 37.8 | 10071347 | 13 | 1 | 2.13 | 0.05 | 3.90 | 0.5 | 39.5 | 0.5 | 0.25 | 2.64 | 214 |
| SA5101215 | 37 | 1 | 4.1 | 0.25 | 78.4 | 50 | 10.9 | 10071348 | 20 | 1 | 1.67 | 0.05 | 2.08 | 0.5 | 25.2 | 0.5 | 0.25 | 3.66 | 350 |
| SA5101216 | 53 | 0.5 | 5.1 | 0.25 | 48.0 | 50 | 6.1 | 10071349 | 57 | 1 | 0.87 | 0.05 | 0.71 | 0.5 | 9.4 | 0.5 | 0.25 | 2.11 | 24 |
| SA5101217 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071351 | 19 | 1 | 1.14 | 0.05 | 15.40 | 0.5 | 20.8 | 0.5 | 0.25 | 2.17 | 245 |
| SA5101218 | 59 | 0.5 | 11.5 | 1.3 | 63.8 | 50 | 37.7 | 10071352 | 24 | 1 | 1.90 | 0.05 | 0.67 | 0.5 | 53.1 | 0.5 | 0.25 | 1.69 | 27 |
| SA5101219 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071353 | 9 | 1 | 6.80 | 0.05 | 0.23 | 0.5 | 56.2 | 0.5 | 0.25 | 1.99 | 22 |
| SA5101220 | 26 | 0.5 | 6.9 | 0.6 | 85.7 | 50 | 10.8 | 10071354 | 25 | 1 | 1.57 | 0.05 | 0.67 | 0.5 | 28.3 | 0.5 | 0.25 | 1.57 | 70 |
| SA5101221 | 19 | 0.5 | 6.0 | 0.6 | 55.0 | 50 | 3.5 | 10071355 | 43 | 1 | 4.27 | 0.05 | 1.37 | 0.5 | 21.8 | 0.5 | 0.25 | 4.26 | 90 |
| SA5101222 | 17 | 0.5 | 2.5 | 0.25 | 54.0 | 50 | 3.6 | 10071356 | 17 | 1 | 0.66 | 0.05 | 1.48 | 0.5 | 14.0 | 0.5 | 0.25 | 2.93 | 31 |
| SA5101223 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071357 | 19 | 1 | 1.21 | 0.05 | 0.76 | 0.5 | 26.6 | 0.5 | 0.25 | 0.25 | 141 |
| SA5101224 | 44 | 0.5 | 18.5 | 1 | 79.4 | 50 | 7.8 | 10071358 | 15 | 1 | 1.19 | 0.05 | 0.40 | 0.5 | 13.1 | 0.5 | 0.25 | 5.17 | 109 |
| SA5101225 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071359 | 8 | 1 | 0.75 | 0.05 | 0.53 | 0.5 | 28.2 | 0.5 | 0.25 | 2.34 | 36 |
| SA5101226 | 20 | 0.5 | 3.1 | 0.25 | 43.6 | 50 | 3.2 | 10071361 | 4 | 1 | 0.76 | 0.05 | 0.38 | 0.5 | 28.6 | 0.5 | 0.25 | 0.99 | 29 |
| SA5101227 | 52 | 0.5 | 5.6 | 0.25 | 47.4 | 50 | 9.6 | 10071362 | 21 | 1 | 0.68 | 0.05 | 0.40 | 0.5 | 32.6 | 0.5 | 0.25 | 1.04 | 26 |
| SA5101228 | 30 | 0.5 | 5.5 | 0.25 | 55.1 | 50 | 7.8 | 10071363 | 20 | 1 | 1.35 | 0.05 | 0.32 | 0.5 | 27.7 | 0.5 | 0.25 | 3.34 | 15 |
| SA5101229 | 28 | 0.5 | 5.9 | 0.25 | 33.0 | 50 | 30.7 | 10071364 | 11 | 1 | 0.61 | 0.05 | 2.54 | 0.5 | 32.1 | 0.5 | 0.25 | 2.58 | 171 |
| SA5101230 | 35 | 0.5 | 4.0 | 0.25 | 54.9 | 50 | 5.5 | 10071365 | 11 | 1 | 0.70 | 0.05 | 2.53 | 0.5 | 31.5 | 0.5 | 0.25 | 0.25 | 134 |
| SA5101231 | 31 | 0.5 | 4.6 | 0.25 | 54.3 | 50 | 8.1 | 10071366 | 14 | 1 | 0.50 | 0.05 | 2.41 | 0.5 | 25.3 | 0.5 | 0.25 | 2.27 | 132 |
| SA5101232 | 33 | 0.5 | 3.6 | 0.25 | 51.8 | 50 | 5.3 | 10071367 | 13 | 1 | 0.36 | 0.05 | 1.95 | 0.5 | 20.7 | 0.5 | 0.25 | 0.25 | 71 |
| SA5101233 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071368 | 49 | 1 | 0.05 | 0.05 | 0.21 | 0.5 | 5.1 | 0.5 | 0.25 | 0.86 | 5 |
| SA5101234 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071369 | 33 | 1 | 0.05 | 0.05 | 0.20 | 0.5 | 4.3 | 0.5 | 0.25 | 3.21 | 5 |
| SA5101235 | 17 | 0.5 | 2.9 | 0.25 | 37.0 | 50 | 1.3 | 10071371 | 28 | 1 | 0.28 | 0.05 | 1.57 | 0.5 | 18.7 | 0.5 | 0.25 | 1.56 | 29 |
| SA5101236 | 10 | 0.5 | 2.5 | 0.25 | 24.6 | 50 | 2.3 | 10071372 | 43 | 1 | 0.54 | 0.05 | 2.01 | 0.5 | 21.5 | 0.5 | 0.7 | 2.68 | 43 |
| SA5101237 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071373 | 91 | 1 | 0.13 | 0.05 | 0.59 | 0.5 | 7.3 | 0.5 | 0.25 | 2.21 | 5 |
| SA5101238 | 14 | 0.5 | 2.9 | 0.25 | 41.0 | 50 | 5.0 | 10071374 | 8 | 1 | 3.92 | 0.05 | 2.52 | 0.5 | 30.4 | 0.5 | 0.25 | 7.26 | 221 |
| SA5101239 | 21 | 0.5 | 2.6 | 0.25 | 47.5 | 50 | 3.9 | 10071375 | 25 | 1 | 0.90 | 0.05 | 1.32 | 0.5 | 15.0 | 0.5 | 0.25 | 3.79 | 60 |
| SA5101240 | 48 | 1 | 8.6 | 0.25 | 51.6 | 50 | 7.4 | 10071376 | 21 | 1 | 1.36 | 0.05 | 1.71 | 0.5 | 20.2 | 0.5 | 0.25 | 5.22 | 69 |
| SA5101241 | 123 | 0.5 | 14.7 | 0.6 | 93.9 | 50 | 11.7 | 10071377 | 10 | 1 | 3.03 | 0.05 | 1.82 | 0.5 | 17.7 | 0.5 | 0.25 | 2.30 | 112 |
| SA5101242 | 26 | 0.5 | 7.1 | 0.25 | 39.7 | 50 | 8.1 | 10071378 | 45 | 1 | 1.75 | 0.05 | 2.21 | 0.5 | 20.0 | 0.5 | 0.25 | 3.55 | 183 |
| SA5101243 | 17 | 1 | 8.4 | 0.7 | 29.9 | 50 | 2.8 | 10071379 | 43 | 1 | 1.31 | 0.05 | 1.64 | 0.5 | 16.0 | 0.5 | 0.25 | 5.11 | 66 |
| SA5101244 | 12 | 0.5 | 4.3 | 0.25 | 24.9 | 50 | 6.6 | 10071381 | 58 | 1 | 1.22 | 0.05 | 2.45 | 0.5 | 22.1 | 0.5 | 0.25 | 3.31 | 48 |
| SA5101245 | 34 | 0.5 | 9.2 | 0.6 | 48.0 | 50 | 3.8 | 10071382 | 120 | 1 | 1.97 | 0.05 | 1.84 | 0.5 | 19.0 | 0.5 | 0.25 | 4.39 | 33 |
| SA5101246 | 4 | 0.5 | 2.3 | 0.25 | 18.7 | 50 | 1.5 | 10071383 | 108 | 1 | 5.78 | 0.05 | 1.08 | 0.5 | 12.5 | 0.5 | 0.25 | 3.07 | 98 |
| SA5101247 | 78 | 0.5 | 10.9 | 0.6 | 75.7 | 50 | 40.9 | 10071384 | 23 | 1 | 79.09 | 0.05 | 7.71 | 0.5 | 68.6 | 0.5 | 14.8 | 1.73 | 28 |
| SA5101248 | 68 | 0.5 | 6.4 | 0.8 | 26.1 | 50 | 23.8 | 10071385 | 62 | 1 | 9.92 | 0.05 | 2.44 | 0.5 | 22.0 | 0.5 | 0.25 | 0.79 | 88 |
| SA5101249 | 8 | 0.5 | 2.7 | 0.25 | 43.0 | 50 | 1.8 | 10071386 | 42 | 1 | 2.17 | 0.05 | 0.29 | 0.5 | 6.1 | 0.5 | 0.25 | 1.79 | 17 |
| SA5101250 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071387 | 44 | 1 | 26.86 | 0.05 | 3.86 | 0.5 | 33.5 | 0.5 | 0.25 | 3.25 | 71 |
| SA5101251 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071388 | 45 | 1 | 26.57 | 0.05 | 3.69 | 0.5 | 31.0 | 0.5 | 0.25 | 3.90 | 41 |
| SA5101252 | 24 | 0.5 | 6.6 | 0.25 | 30.7 | 50 | 41.5 | 10071389 | 117 | 1 | 9.66 | 0.05 | 0.57 | 0.5 | 11.1 | 0.5 | 0.25 | 2.85 | 72 |
| SA5101253 | 18 | 0.5 | 5.2 | 0.9 | 25.5 | 50 | 26.7 | 10071391 | 237 | 1 | 2.57 | 0.05 | 0.32 | 0.5 | 10.2 | 0.5 | 0.25 | 4.96 | 107 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | 91 | 0.5 | 16.3 | 1.8 | 55.4 | 50 | 108.5 | 10071392 | 37 | 1 | 56.22 | 0.05 | 4.25 | 0.5 | 43.6 | 0.5 | 6.4 | 4.31 | 31 |
| SA5101255 | 47 | 0.5 | 10.2 | 0.25 | 36.3 | 50 | 9.8 | 10071393 | 123 | 1 | 62.95 | 0.05 | 5.37 | 0.5 | 37.0 | 0.5 | 0.25 | 5.14 | 42 |
| SA5101256 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071394 | 25 | 1 | 3.81 | 0.05 | 2.65 | 0.5 | 26.1 | 0.5 | 0.25 | 6.62 | 200 |
| SA5101257 | 20 | 0.5 | 5.4 | 0.25 | 18.2 | 50 | 1.8 | 10071395 | 49 | 1 | 5.63 | 0.05 | 2.40 | 0.5 | 22.4 | 0.5 | 0.25 | 3.21 | 457 |
| SA5101258 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071396 | 12 | 1 | 2.43 | 0.05 | 2.81 | 0.5 | 29.6 | 0.5 | 0.25 | 4.32 | 371 |
| SA5101259 | 22 | 0.5 | 4.8 | 0.25 | 58.7 | 50 | 5.5 | 10071397 | 24 | 1 | 5.32 | 0.05 | 2.78 | 0.5 | 36.0 | 0.5 | 0.25 | 1.97 | 368 |
| SA5101260 | 15 | 0.5 | 2.4 | 0.25 | 25.8 | 50 | 3.9 | 10071398 | 73 | 1 | 1.28 | 0.05 | 2.13 | 0.5 | 24.4 | 0.5 | 0.25 | 4.50 | 265 |
| SA5101261 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071399 | 55 | 1 | 0.78 | 0.05 | 0.36 | 0.5 | 6.8 | 0.5 | 0.25 | 5.15 | 5 |
| SA5101262 | 6 | 0.5 | 4.8 | 0.25 | 24.1 | 50 | 2.6 | 10071401 | 57 | 1 | 1.79 | 0.05 | 1.24 | 0.5 | 15.8 | 0.5 | 0.25 | 3.26 | 177 |
| SA5101263 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071402 | 118 | 1 | 0.25 | 0.05 | 0.16 | 0.5 | 7.8 | 0.5 | 0.25 | 4.33 | 32 |
| SA5101264 | 26 | 0.5 | 6.6 | 0.25 | 42.3 | 50 | 5.3 | 10071403 | 20 | 1 | 1.61 | 0.05 | 2.31 | 0.5 | 33.8 | 0.5 | 0.25 | 3.44 | 28 |
| SA5101265 | 18 | 0.5 | 10.8 | 0.8 | 48.6 | 50 | 12.4 | 10071404 | 28 | 1 | 1.93 | 0.05 | 2.88 | 0.5 | 28.6 | 0.5 | 0.25 | 1.24 | 41 |
| SA5101266 | 20 | 0.5 | 9.7 | 0.25 | 50.1 | 50 | 17.1 | 10071405 | 24 | 1 | 0.05 | 0.05 | 0.11 | 0.5 | 3.2 | 0.5 | 0.25 | 4.62 | 5 |
| SA5101267 | 18 | 0.5 | 6.7 | 0.25 | 37.2 | 50 | 5.3 | 10071406 | 33 | 1 | 0.92 | 0.05 | 2.75 | 0.5 | 28.2 | 0.5 | 0.25 | 5.15 | 21 |
| SA5101268 | 29 | -9 | 10.2 | -9 | 72.8 | -9 | 13.6 | 10071407 | 16 | 1 | 0.34 | 0.05 | 0.36 | 0.5 | 11.9 | 0.5 | 0.25 | 2.58 | 5 |
| SA5101269 | 21 | 0.5 | 17.4 | 2 | 46.0 | 50 | 37.9 | 10071408 | 39 | 1 | 1.00 | 0.05 | 2.12 | 0.5 | 24.1 | 0.5 | 0.25 | 3.92 | 23 |
| SA5101270 | 18 | 0.5 | 8.8 | 0.6 | 44.0 | 50 | 4.8 | 10071409 | 107 | 1 | 2.29 | 0.05 | 2.24 | 0.5 | 21.0 | 0.5 | 0.25 | 4.51 | 61 |
| SA5101271 | 8 | 0.5 | 7.6 | 0.25 | 48.9 | 50 | 4.7 | 10071411 | 68 | 1 | 1.21 | 0.05 | 1.61 | 0.5 | 17.0 | 0.5 | 0.25 | 4.21 | 25 |
| SA5101272 | 8 | 0.5 | 13.8 | 0.7 | 25.3 | 50 | 2.7 | 10071412 | 58 | 1 | 0.77 | 0.05 | 1.60 | 0.5 | 17.1 | 0.5 | 0.25 | 1.18 | 5 |
| SA5101273 | 10 | 0.5 | 14.3 | 1.2 | 36.7 | 50 | 16.4 | 10071413 | 59 | 1 | 0.77 | 0.05 | 0.32 | 0.5 | 8.1 | 0.5 | 0.25 | 5.14 | 80 |
| SA5101274 | 7 | 0.5 | 10.4 | 0.8 | 25.0 | 50 | 2.5 | 10071414 | 126 | 1 | 2.14 | 0.05 | 0.93 | 0.5 | 9.7 | 0.5 | 0.25 | 3.83 | 111 |
| SA5101275 | 5 | 0.5 | 7.2 | 0.25 | 27.0 | 50 | 3.1 | 10071415 | 16 | 1 | 0.05 | 0.05 | 0.60 | 0.5 | 13.1 | 0.5 | 0.25 | 0.25 | 11 |
| SA5101276 | 10 | 0.5 | 15.7 | 0.8 | 34.1 | 50 | 18.7 | 10071416 | 42 | 1 | 1.28 | 0.05 | 2.33 | 0.5 | 22.9 | 0.5 | 0.25 | 1.92 | 28 |
| SA5101277 | 21 | 0.5 | 15.5 | 1 | 54.4 | 50 | 6.0 | 10071417 | 56 | 1 | 1.92 | 0.05 | 1.79 | 0.5 | 17.3 | 0.5 | 0.25 | 2.34 | 115 |
| SA5101278 | 6 | 0.5 | 7.8 | 0.25 | 33.3 | 50 | 3.0 | 10071418 | 64 | 1 | 1.81 | 0.05 | 1.79 | 0.5 | 33.6 | 0.5 | 0.25 | 2.34 | 38 |
| SA5101279 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071419 | 158 | 1 | 2.22 | 0.05 | 0.98 | 0.5 | 10.2 | 0.5 | 0.25 | 4.30 | 91 |
| SA5101280 | 6 | 0.5 | 9.9 | 0.25 | 18.4 | 50 | 3.2 | 10071421 | 110 | 1 | 0.96 | 0.05 | 0.72 | 0.5 | 7.9 | 0.5 | 0.25 | 2.28 | 43 |
| SA5101281 | 38 | 0.5 | 10.6 | 0.8 | 54.2 | 50 | 4.1 | 10071422 | 69 | 1 | 1.88 | 0.05 | 1.22 | 0.5 | 12.4 | 0.5 | 0.25 | 3.53 | 20 |
| SA5101282 | 37 | 0.5 | 23.1 | 1.6 | 84.1 | 50 | 34.2 | 10071423 | 54 | 1 | 1.88 | 0.05 | 1.67 | 0.5 | 15.9 | 0.5 | 0.25 | 7.88 | 35 |
| SA5101283 | 38 | 0.5 | 19.3 | 1.3 | 98.7 | 50 | 23.5 | 10071424 | 31 | 1 | 1.95 | 0.05 | 1.83 | 0.5 | 17.4 | 0.5 | 1.7 | 2.03 | 33 |
| SA5101284 | 33 | 0.5 | 25.1 | 1.9 | 71.7 | 50 | 17.7 | 10071425 | 26 | 1 | 1.49 | 0.05 | 1.52 | 0.5 | 15.3 | 0.5 | 1.6 | 1.65 | 5 |
| SA5101285 | 11 | -9 | 4.1 | -9 | 30.4 | -9 | 4.1 | 10071426 | 15 | 1 | 1.93 | 0.05 | 1.55 | 0.5 | 16.2 | 0.5 | 0.25 | 1.03 | 193 |
| SA5101286 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071427 | 119 | 1 | 0.53 | 0.05 | 0.16 | 0.5 | 4.7 | 0.5 | 0.9 | 10.44 | 35 |
| SA5101287 | 12 | 0.5 | 9.7 | 0.9 | 30.2 | 50 | 13.7 | 10071428 | 18 | 1 | 1.94 | 0.05 | 2.40 | 0.5 | 22.2 | 0.5 | 1.4 | 0.25 | 60 |
| SA5101288 | 63 | 1 | 8.2 | 0.25 | 47.4 | 50 | 2.9 | 10071429 | 55 | 1 | 1.67 | 0.05 | 1.65 | 0.5 | 17.8 | 0.5 | 1.0 | 4.38 | 20 |
| SA5101289 | 40 | 0.5 | 15.0 | 1.2 | 70.3 | 50 | 8.8 | 10071431 | 5 | 1 | 1.12 | 0.05 | 1.37 | 0.5 | 14.6 | 0.5 | 0.25 | 4.95 | 11 |
| SA5101290 | 12 | 0.5 | 8.6 | 0.7 | 34.9 | 50 | 3.5 | 10071432 | 48 | 1 | 2.06 | 0.05 | 2.07 | 0.5 | 21.2 | 0.5 | 1.2 | 4.31 | 34 |
| SA5101291 | 12 | 0.5 | 14.0 | 1.2 | 36.0 | 50 | 8.8 | 10071433 | 122 | 1 | 3.05 | 0.05 | 1.69 | 0.5 | 17.4 | 0.5 | 0.25 | 5.63 | 82 |
| SA5101292 | 37 | 0.5 | 23.2 | 1.6 | 69.8 | 50 | 27.6 | 10071434 | 44 | 1 | 1.85 | 0.05 | 1.64 | 0.5 | 19.2 | 0.5 | 1.2 | 2.46 | 32 |
| SA5101293 | 24 | 0.5 | 10.8 | 0.7 | 33.5 | 50 | 8.3 | 10071435 | 160 | 1 | 3.02 | 0.05 | 1.45 | 0.5 | 21.0 | 0.5 | 0.7 | 4.25 | 71 |
| SA5101294 | 24 | 0.5 | 13.2 | 0.25 | 38.0 | 50 | 2.2 | 10071436 | 149 | 1 | 2.65 | 0.05 | 1.39 | 0.5 | 14.0 | 0.5 | 0.25 | 2.35 | 62 |
| SA5101295 | 13 | 0.5 | 13.6 | 0.8 | 48.7 | 50 | 5.8 | 10071437 | 69 | 1 | 2.23 | 0.05 | 1.24 | 0.5 | 15.8 | 0.5 | 0.25 | 2.61 | 19 |
| SA5101296 | 72 | 0.5 | 41.0 | 3.3 | 163.7 | 50 | 22.9 | 10071438 | 66 | 1 | 2.21 | 0.05 | 1.07 | 0.5 | 11.7 | 0.5 | 0.25 | 1.96 | 11 |
| SA5101297 | 7 | 0.5 | 8.4 | 0.25 | 31.7 | 50 | 1.5 | 10071439 | 75 | 1 | 1.63 | 0.05 | 0.89 | 0.5 | 10.1 | 0.5 | 0.9 | 10.86 | 50 |
| SA5101298 | 6 | 0.5 | 6.2 | 0.25 | 33.7 | 50 | 1.4 | 10071441 | 78 | 1 | 7.27 | 0.05 | 2.49 | 0.5 | 41.8 | 0.5 | 0.25 | 7.91 | 4598 |
| SA5101299 | 15 | 0.5 | 7.4 | 1 | 25.7 | 50 | 20.3 | 10071442 | 126 | 1 | 0.26 | 0.05 | 0.16 | 0.5 | 5.0 | 0.5 | 0.25 | 1.59 | 13 |
| SA5101300 | 18 | 0.5 | 16.5 | 1.1 | 44.7 | 50 | 3.6 | 10071443 | 44 | 1 | 2.17 | 0.05 | 1.23 | 0.5 | 12.0 | 0.5 | 0.9 | 2.01 | 19 |
| SA5101301 | 24 | 0.5 | 23.0 | 1.6 | 78.1 | 50 | 10.0 | 10071444 | 27 | 1 | 1.62 | 0.05 | 1.62 | 0.5 | 16.3 | 0.5 | 0.25 | 2.66 | 18 |
| SA5101302 | 9 | 0.5 | 14.9 | 1 | 51.4 | 50 | 2.5 | 10071445 | 140 | 1 | 1.71 | 0.05 | 1.61 | 0.5 | 17.1 | 0.5 | 0.25 | 0.59 | 49 |
| SA5101303 | 14 | 0.5 | 12.5 | 0.8 | 48.8 | 50 | 13.3 | 10071446 | 8 | 1 | 0.73 | 0.05 | 1.90 | 0.5 | 20.8 | 0.5 | 0.25 | 2.94 | 5 |
| SA5101304 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071447 | 89 | 1 | 1.83 | 0.05 | 2.22 | 0.5 | 25.0 | 0.5 | 1.2 | 0.25 | 44 |
| SA5101305 | 37 | 0.5 | 6.3 | 0.25 | 33.0 | 50 | 6.1 | 10071448 | 41 | 1 | 0.11 | 0.05 | 0.12 | 0.5 | 4.3 | 0.5 | 1.2 | 2.18 | 5 |
| SA5101306 | 13 | 0.5 | 3.3 | 0.25 | 38.1 | 50 | 3.2 | 10071449 | 8 | 1 | 0.89 | 0.05 | 1.74 | 0.5 | 18.0 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101307 | 16 | 0.5 | 7.7 | 0.6 | 48.1 | 50 | 7.3 | 10071451 | 26 | 1 | 1.14 | 0.05 | 0.70 | 0.5 | 9.2 | 0.5 | 0.25 | 0.25 | 20 |
| SA5101308 | 44 | 0.5 | 12.9 | 1.3 | 46.0 | 250 | 87.5 | 10071452 | 129 | 1 | 0.60 | 0.05 | 0.73 | 0.5 | 7.1 | 0.5 | 0.25 | 2.50 | 51 |
| SA5101309 | 9 | 0.5 | 13.7 | 1.3 | 44.1 | 50 | 2.4 | 10071453 | 123 | 1 | 1.62 | 0.1 | 1.61 | 0.5 | 17.3 | 0.5 | 0.25 | 1.19 | 52 |
| SA5101310 | 17 | 0.5 | 5.1 | 0.25 | 44.3 | 50 | 6.4 | 10071454 | 28 | 1 | 1.50 | 0.05 | 0.51 | 0.5 | 7.5 | 0.5 | 0.25 | 0.59 | 46 |
| SA5101311 | 28 | 0.5 | 5.5 | 0.25 | 64.7 | 50 | 3.8 | 10071455 | 26 | 1 | 1.34 | 0.05 | 0.87 | 0.5 | 11.4 | 0.5 | 0.25 | 0.69 | 17 |
| SA5101312 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071456 | 4 | 1 | 0.78 | 0.05 | 1.26 | 0.5 | 13.4 | 0.5 | 0.7 | 1.74 | 97 |
| SA5101313 | 35 | 0.5 | 9.7 | 1.2 | 47.1 | 50 | 52.2 | 10071457 | 20 | 1 | 0.17 | 0.05 | 0.18 | 0.5 | 4.4 | 0.5 | 0.25 | 2.79 | 5 |
| SA5101314 | 8 | 0.5 | 13.1 | 0.25 | 33.6 | 50 | 2.4 | 10071458 | 16 | 1 | 0.82 | 0.05 | 1.53 | 0.5 | 13.9 | 0.5 | 0.9 | 4.55 | 15 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | 22 | 0.5 | 6.7 | 0.25 | 56.3 | 50 | 7.5 | 10071459 | 27 | 1 | 0.58 | 0.05 | 0.59 | 0.5 | 7.3 | 0.5 | 0.25 | 0.25 | 12 |
| SA5101316 | 25 | 0.5 | 5.8 | 0.6 | 44.9 | 50 | 9.6 | 10071461 | 27 | 1 | 3.16 | 0.05 | 3.91 | 0.5 | 28.6 | 0.5 | 0.7 | 0.25 | 52 |
| SA5101317 | 34 | 0.5 | 7.4 | 0.25 | 42.1 | 50 | 8.3 | 10071462 | 23 | 1 | 3.49 | 0.05 | 2.64 | 0.5 | 18.3 | 0.5 | 0.5 | 5.38 | 188 |
| SA5101318 | 16 | 0.5 | 4.8 | 0.25 | 38.2 | 50 | 2.2 | 10071463 | 26 | 1 | 1.13 | 0.05 | 2.48 | 0.5 | 19.9 | 0.5 | 0.25 | 0.25 | 65 |
| SA5101319 | 17 | 0.5 | 5.9 | 0.25 | 61.8 | 50 | 3.9 | 10071464 | 25 | 1 | 1.18 | 0.05 | 1.25 | 0.5 | 16.9 | 0.5 | 0.25 | 2.07 | 105 |
| SA5101320 | 19 | 0.5 | 7.1 | 0.7 | 57.3 | 50 | 6.6 | 10071465 | 13 | 1 | 1.71 | 0.05 | 1.54 | 0.5 | 19.1 | 0.5 | 0.6 | 3.77 | 39 |
| SA5101321 | 19 | 0.5 | 6.4 | 0.25 | 54.6 | 50 | 10.7 | 10071466 | 9 | 1 | 1.22 | 0.05 | 1.35 | 0.5 | 16.4 | 0.5 | 0.25 | 0.25 | 45 |
| SA5101322 | 18 | 0.5 | 3.2 | 0.25 | 42.2 | 50 | 5.0 | 10071467 | 11 | 1 | 0.89 | 0.05 | 2.68 | 0.5 | 22.4 | 0.5 | 0.8 | 0.25 | 66 |
| SA5101323 | 10 | 0.5 | 2.9 | 0.25 | 38.7 | 50 | 2.6 | 10071468 | 22 | 1 | 1.17 | 0.05 | 2.41 | 0.5 | 20.7 | 0.5 | 0.25 | 2.96 | 14 |
| SA5101324 | 30 | 0.5 | 4.3 | 0.25 | 45.1 | 50 | 4.6 | 10071469 | 4 | 1 | 1.03 | 0.05 | 1.40 | 0.5 | 17.0 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101325 | 12 | 0.5 | 6.0 | 0.25 | 37.5 | 50 | 2.4 | 10071471 | 28 | 1 | 1.79 | 0.05 | 2.06 | 0.5 | 27.8 | 0.5 | 0.25 | 2.90 | 54 |
| SA5101326 | 14 | 0.5 | 7.2 | 0.25 | 26.5 | 50 | 2.9 | 10071472 | 21 | 1 | 1.09 | 0.05 | 1.83 | 0.5 | 24.0 | 0.5 | 0.5 | 2.40 | 107 |
| SA5101327 | 15 | 0.5 | 10.9 | 0.25 | 43.6 | 50 | 4.0 | 10071473 | 112 | 1 | 1.82 | 0.05 | 2.64 | 0.5 | 24.0 | 0.5 | 0.25 | 2.16 | 68 |
| SA5101328 | 7 | 0.5 | 13.1 | 0.8 | 34.0 | 50 | 2.2 | 10071474 | 127 | 1 | 1.42 | 0.05 | 1.14 | 0.5 | 12.5 | 0.5 | 0.25 | 6.98 | 55 |
| SA5101329 | 8 | 0.5 | 4.3 | 0.25 | 21.9 | 50 | 4.4 | 10071475 | 112 | 1 | 1.31 | 0.05 | 0.97 | 0.5 | 10.9 | 0.5 | 0.25 | 5.09 | 42 |
| SA5101330 | 47 | 0.5 | 23.6 | 1.9 | 107.6 | 50 | 40.7 | 10071476 | 27 | 1 | 0.93 | 0.05 | 1.31 | 0.5 | 14.5 | 0.5 | 0.25 | 4.70 | 11 |
| SA5101331 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071477 | 12 | 1 | 0.95 | 0.05 | 1.45 | 0.5 | 16.9 | 0.5 | 1.1 | 11.94 | 5 |
| SA5101332 | 11 | 0.5 | 20.0 | 1.4 | 68.8 | 50 | 7.7 | 10071478 | 50 | 1 | 1.60 | 0.05 | 1.41 | 0.5 | 14.3 | 0.5 | 0.25 | 5.14 | 30 |
| SA5101333 | 11 | 0.5 | 12.8 | 0.9 | 34.3 | 50 | 3.6 | 10071479 | 73 | 1 | 1.36 | 0.05 | 1.52 | 0.5 | 14.9 | 0.5 | 0.6 | 2.10 | 27 |
| SA5101334 | 7 | 0.5 | 14.5 | 0.9 | 34.3 | 50 | 2.1 | 10071481 | 69 | 1 | 1.41 | 0.05 | 1.17 | 0.5 | 12.9 | 0.5 | 0.6 | 8.20 | 46 |
| SA5101335 | 46 | 0.5 | 23.3 | 2 | 109.4 | 50 | 39.4 | 10071482 | 46 | 1 | 1.80 | 0.05 | 1.42 | 0.5 | 16.0 | 0.5 | 0.7 | 0.25 | 32 |
| SA5101336 | 12 | 0.5 | 20.1 | 1.3 | 40.7 | 50 | 5.2 | 10071483 | 103 | 1 | 2.19 | 0.05 | 1.33 | 0.5 | 12.8 | 0.5 | 1.8 | 0.25 | 39 |
| SA5101337 | 74 | 0.5 | 17.9 | 0.25 | 76.8 | 50 | 2.8 | 10071484 | 49 | 1 | 2.30 | 0.05 | 1.09 | 0.5 | 11.4 | 0.5 | 0.9 | 0.25 | 29 |
| SA5101338 | 11 | 0.5 | 13.4 | 0.25 | 31.7 | 50 | 2.6 | 10071485 | 73 | 1 | 2.53 | 0.05 | 1.11 | 0.5 | 11.1 | 0.5 | 0.25 | 0.25 | 209 |
| SA5101339 | 67 | 0.5 | 34.8 | 2.5 | 124.1 | 50 | 14.5 | 10071486 | 56 | 1 | 2.15 | 0.05 | 1.53 | 0.5 | 14.1 | 0.5 | 0.9 | 0.25 | 20 |
| SA5101340 | 51 | 0.5 | 55.4 | 4.3 | 96.3 | 50 | 51.1 | 10071487 | 53 | 1 | 2.47 | 0.05 | 1.46 | 0.5 | 14.4 | 0.5 | 1.0 | 0.25 | 27 |
| SA5101341 | 10 | 0.5 | 16.7 | 1.3 | 42.3 | 50 | 4.8 | 10071488 | 19 | 1 | 1.04 | 0.05 | 1.01 | 0.5 | 15.6 | 0.5 | 1.0 | 0.25 | 42 |
| SA5101342 | 3 | 0.5 | 7.2 | 0.6 | 25.4 | 50 | 1.4 | 10071489 | 81 | 1 | 2.10 | 0.05 | 1.35 | 0.5 | 14.1 | 0.5 | 0.25 | 0.78 | 79 |
| SA5101343 | 7 | 0.5 | 3.7 | 0.25 | 32.9 | 50 | 4.0 | 10071491 | 54 | 1 | 2.22 | 0.05 | 2.56 | 0.5 | 22.0 | 0.5 | 0.9 | 0.25 | 88 |
| SA5101344 | 15 | 0.5 | 14.4 | 1.5 | 48.7 | 50 | 2.1 | 10071492 | 18 | 1 | 0.84 | 0.05 | 0.98 | 0.5 | 17.0 | 0.5 | 1.0 | 1.49 | 44 |
| SA5101345 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071493 | 39 | 1 | 2.54 | 0.05 | 1.65 | 0.5 | 17.3 | 0.5 | 2.1 | 0.25 | 5 |
| SA5101346 | 20 | 0.5 | 31.6 | 2 | 55.3 | 50 | 8.9 | 10071494 | 112 | 1 | 3.08 | 0.05 | 2.22 | 0.5 | 20.5 | 0.5 | 1.1 | 6.66 | 35 |
| SA5101347 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071495 | 71 | 1 | 2.48 | 0.05 | 1.38 | 0.5 | 15.5 | 0.5 | 0.6 | 1.38 | 37 |
| SA5101348 | 12 | 0.5 | 13.6 | 0.25 | 44.4 | 50 | 8.4 | 10071496 | 93 | 1 | 2.08 | 0.05 | 1.82 | 0.5 | 19.4 | 0.5 | 0.9 | 0.25 | 33 |
| SA5101349 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071497 | 201 | 1 | 1.20 | 0.05 | 0.69 | 0.5 | 9.3 | 0.5 | 1.5 | 0.25 | 57 |
| SA5101350 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071498 | 89 | 1 | 2.66 | 0.05 | 2.15 | 0.5 | 20.1 | 0.5 | 1.4 | 0.89 | 64 |
| SA5101351 | 50 | 0.5 | 8.8 | 0.6 | 56.9 | 50 | 5.5 | 10071499 | 75 | 1 | 2.07 | 0.05 | 1.94 | 0.5 | 19.1 | 0.5 | 0.25 | 1.99 | 74 |
| SA5101352 | 12 | 0.5 | 5.1 | 0.25 | 41.1 | 50 | 1.8 | 10071501 | 40 | 1 | 0.73 | 0.05 | 1.56 | 0.5 | 20.1 | 0.5 | 0.25 | 0.25 | 60 |
| SA5101353 | 6 | 0.5 | 1.8 | 0.25 | 22.5 | 50 | 0.5 | 10071502 | 74 | 1 | 1.77 | 0.05 | 1.56 | 0.5 | 17.4 | 0.5 | 0.9 | 0.25 | 235 |
| SA5101354 | 14 | 0.5 | 3.9 | 0.25 | 29.8 | 50 | 2.8 | 10071503 | 91 | 1 | 2.05 | 0.05 | 2.96 | 0.5 | 28.6 | 0.5 | 0.7 | 0.25 | 39 |
| SA5101355 | 45 | 0.5 | 21.7 | 0.25 | 75.2 | 50 | 44.1 | 10071504 | 27 | 1 | 2.28 | 0.05 | 2.43 | 0.5 | 25.2 | 0.5 | 1.4 | 2.18 | 63 |
| SA5101356 | 31 | 0.5 | 17.7 | 2.2 | 120.8 | 50 | 22.1 | 10071505 | 45 | 1 | 3.13 | 0.05 | 2.55 | 0.5 | 22.5 | 0.5 | 0.25 | 1.03 | 137 |
| SA5101357 | 5 | 0.5 | 2.6 | 1.2 | 30.8 | 50 | 1.6 | 10071506 | 69 | 1 | 46.62 | 0.05 | 7.15 | 0.5 | 87.1 | 4.0 | 0.25 | 0.25 | 16557 |
| SA5101358 | 6 | 0.5 | 2.6 | 0.25 | 31.1 | 50 | 1.6 | 10071507 | 27 | 1 | 2.81 | 0.05 | 2.71 | 0.5 | 20.5 | 0.5 | 0.25 | 0.25 | 144 |
| SA5101359 | 6 | 0.5 | 6.9 | 0.25 | 14.4 | 50 | 8.5 | 10071508 | 150 | 1 | 1.47 | 0.05 | 0.60 | 0.5 | 10.1 | 0.5 | 0.25 | 0.25 | 318 |
| SA5101360 | 5 | -9 | 4.1 | -9 | 25.1 | -9 | 2.1 | 10071509 | 69 | 1 | 0.85 | 0.05 | 0.24 | 0.5 | 9.3 | 0.5 | 0.25 | 0.25 | 42 |
| SA5101361 | 9 | 0.5 | 7.8 | 0.25 | 27.8 | 50 | 2.8 | 10071511 | 125 | 1 | 0.53 | 0.05 | 0.17 | 0.5 | 8.8 | 0.5 | 1.5 | 2.78 | 15 |
| SA5101362 | 24 | 0.5 | 16.6 | 1 | 53.7 | 50 | 5.9 | 10071512 | 87 | 1 | 2.96 | 0.05 | 1.51 | 0.5 | 15.8 | 0.5 | 1.1 | 2.52 | 50 |
| SA5101363 | 31 | 0.5 | 5.8 | 0.25 | 69.8 | 50 | 1.9 | 10071513 | 48 | 1 | 1.80 | 0.05 | 1.61 | 0.5 | 15.5 | 0.5 | 0.7 | 0.25 | 74 |
| SA5101364 | 71 | 0.5 | 21.2 | 1.8 | 93.8 | 50 | 33.1 | 10071514 | 16 | 1 | 2.78 | 0.05 | 2.05 | 0.5 | 18.7 | 0.5 | 1.3 | 7.12 | 75 |
| SA5101365 | 4 | 0.5 | 5.6 | 0.6 | 15.8 | 50 | 1.4 | 10071515 | 73 | 1 | 1.22 | 0.05 | 0.64 | 0.5 | 15.8 | 0.5 | 0.25 | 0.25 | 59 |
| SA5101366 | 5 | 0.5 | 1.8 | 0.25 | 46.9 | 50 | 1.5 | 10071516 | 157 | 1 | 26.91 | 0.05 | 8.90 | 0.5 | 84.2 | 0.6 | 0.25 | 0.25 | 12373 |
| SA5101367 | 11 | 0.5 | 2.4 | 0.25 | 43.8 | 50 | 2.8 | 10071517 | 64 | 1 | 39.89 | 0.05 | 9.13 | 0.5 | 118.3 | 1.3 | 0.25 | 0.25 | 9006 |
| SA5101368 | 60 | 0.5 | 19.5 | 2 | 85.6 | 50 | 14.9 | 10071518 | 13 | 1 | 2.50 | 0.05 | 2.02 | 0.5 | 18.1 | 0.5 | 0.9 | 0.25 | 54 |
| SA5101369 | 13 | 0.5 | 4.7 | 0.25 | 67.6 | 50 | 13.4 | 10071519 | 17 | 1 | 2.90 | 0.05 | 2.62 | 0.5 | 26.8 | 0.5 | 0.25 | 6.30 | 521 |
| SA5101370 | 36 | 0.5 | 7.9 | 0.5 | 44.9 | 50 | 8.6 | 10071521 | 19 | 1 | 2.17 | 0.05 | 2.15 | 0.5 | 22.3 | 0.5 | 1.3 | 0.25 | 49 |
| SA5101371 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071522 | 27 | 1 | 2.58 | 0.05 | 1.48 | 0.5 | 15.4 | 0.5 | 1.2 | 0.25 | 24 |
| SA5101372 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071523 | 21 | 1 | 1.06 | 0.05 | 1.60 | 0.5 | 15.8 | 0.5 | 1.1 | 1.23 | 24 |
| SA5101373 | 12 | 0.5 | 2.4 | 0.25 | 38.0 | 50 | 3.8 | 10071524 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101374 | 6 | 0.5 | 1.9 | 0.25 | 27.6 | 50 | 2.3 | 10071525 | 139 | 1 | 1.86 | 0.05 | 0.91 | 0.5 | 10.8 | 0.5 | 0.25 | 0.25 | 379 |
| SA5101375 | 29 | 0.5 | 9.1 | 0.25 | 51.5 | 50 | 11.7 | 10071526 | 28 | 1 | 1.70 | 0.05 | 1.21 | 0.5 | 13.8 | 0.5 | 0.25 | 0.58 | 5 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | 10 | 0.5 | 4.7 | 0.25 | 27.4 | 50 | 1.3 | 10071527 | 19 | 1 | 2.46 | 0.05 | 2.53 | 0.5 | 23.8 | 0.5 | 0.25 | 0.25 | 38 |
| SA5101377 | 9 | 0.5 | 1.5 | 0.25 | 63.4 | 50 | 2.1 | 10071528 | 22 | 1 | 3.85 | 0.05 | 3.19 | 0.5 | 24.9 | 0.5 | 0.8 | 0.25 | 39 |
| SA5101378 | 15 | 0.5 | 4.0 | 0.25 | 37.3 | 50 | 6.7 | 10071529 | 96 | 1 | 1.66 | 0.05 | 0.71 | 0.5 | 7.5 | 0.5 | 0.9 | 1.12 | 57 |
| SA5101379 | 48 | 0.5 | 12.6 | 1.7 | 47.1 | 500 | 78.1 | 10071531 | 316 | 1 | 1.04 | 0.05 | 0.40 | 0.5 | 10.9 | 0.5 | 0.25 | 0.25 | 114 |
| SA5101380 | 58 | 0.5 | 14.8 | 2 | 45.9 | 560 | 94.7 | 10071532 | 134 | 1 | 3.86 | 0.05 | 1.61 | 0.5 | 16.2 | 0.5 | 0.8 | 0.25 | 102 |
| SA5101381 | 30 | 0.5 | 10.8 | 1 | 62.1 | 50 | 33.8 | 10071533 | 105 | 1 | 1.38 | 0.05 | 0.71 | 0.5 | 8.3 | 0.5 | 1.1 | 0.25 | 99 |
| SA5101382 | 10 | 0.5 | 2.2 | 0.25 | 46.9 | 50 | 2.2 | 10071534 | 73 | 1 | 2.78 | 0.05 | 1.61 | 0.5 | 13.9 | 0.5 | 0.25 | 0.98 | 84 |
| SA5101383 | 9 | 0.5 | 3.2 | 0.25 | 21.2 | 50 | 1.3 | 10071535 | 67 | 1 | 6.79 | 0.05 | 2.25 | 0.5 | 19.6 | 0.5 | 0.25 | 0.25 | 189 |
| SA5101384 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071536 | 119 | 1 | 3.44 | 0.05 | 3.25 | 0.5 | 22.0 | 0.5 | 1.1 | 0.93 | 172 |
| SA5101385 | 47 | 0.5 | 13.1 | 1.2 | 46.0 | 50 | 16.8 | 10071537 | 32 | 1 | 3.24 | 0.05 | 2.96 | 0.5 | 23.7 | 0.5 | 0.9 | 0.25 | 58 |
| SA5101386 | 17 | 0.5 | 6.3 | 0.25 | 34.0 | 50 | 1.8 | 10071538 | 83 | 1 | 3.28 | 0.05 | 2.09 | 0.5 | 17.5 | 0.5 | 0.7 | 6.68 | 81 |
| SA5101387 | 61 | 0.5 | 21.7 | 1 | 104.6 | 50 | 21.9 | 10071539 | 20 | 1 | 3.63 | 0.05 | 2.26 | 0.5 | 20.0 | 0.5 | 0.25 | 0.25 | 91 |
| SA5101388 | 13 | 0.5 | 10.0 | 0.9 | 15.9 | 50 | 4.0 | 10071541 | 62 | 1 | 3.16 | 0.05 | 1.76 | 0.5 | 15.6 | 0.5 | 0.7 | 0.25 | 118 |
| SA5101389 | 5 | 0.5 | 4.9 | 0.25 | 25.2 | 50 | 1.9 | 10071542 | 76 | 1 | 4.53 | 0.05 | 2.12 | 0.5 | 22.1 | 0.5 | 0.25 | 0.25 | 285 |
| SA5101390 | 11 | -9 | 8.0 | -9 | 24.0 | -9 | 4.1 | 10071543 | 104 | 1 | 3.87 | 0.05 | 1.43 | 0.5 | 20.0 | 0.5 | 0.6 | 0.25 | 128 |
| SA5101391 | 21 | 0.5 | 10.5 | 0.25 | 50.8 | 50 | 9.5 | 10071544 | 86 | 1 | 6.56 | 0.05 | 2.59 | 0.5 | 21.0 | 0.5 | 0.7 | 0.25 | 244 |
| SA5101392 | 36 | 0.5 | 13.6 | 0.25 | 61.1 | 50 | 10.0 | 10071545 | 65 | 1 | 5.58 | 0.05 | 2.30 | 0.5 | 19.3 | 0.5 | 1.4 | 0.25 | 137 |
| SA5101393 | 59 | 0.5 | 19.2 | 1.2 | 146.5 | 50 | 24.8 | 10071546 | 34 | 1 | 4.83 | 0.05 | 2.24 | 0.5 | 19.8 | 0.5 | 0.5 | 0.25 | 92 |
| SA5101394 | 11 | 0.5 | 7.5 | 0.5 | 45.2 | 50 | 5.1 | 10071547 | 40 | 1 | 2.24 | 0.05 | 2.80 | 0.5 | 25.0 | 0.5 | 0.8 | 8.73 | 223 |
| SA5101395 | 5 | 0.5 | 1.8 | 0.25 | 28.6 | 50 | 2.8 | 10071548 | 52 | 1 | 2.13 | 0.05 | 1.29 | 0.5 | 14.7 | 0.5 | 0.7 | 0.25 | 129 |
| SA5101396 | 16 | 1 | 7.3 | 0.8 | 46.0 | 50 | 10.7 | 10071549 | 25 | 1 | 2.98 | 0.05 | 2.39 | 0.5 | 21.5 | 0.5 | 1.5 | 0.25 | 17 |
| SA5101397 | 16 | 0.5 | 4.9 | 0.5 | 35.6 | 50 | 4.3 | 10071551 | 54 | 1 | 3.81 | 0.05 | 1.70 | 0.5 | 17.2 | 0.5 | 0.25 | 0.25 | 523 |
| SA5101398 | 7 | 0.5 | 2.4 | 0.25 | 38.9 | 50 | 2.1 | 10071552 | 67 | 1 | 2.75 | 0.05 | 1.60 | 0.5 | 27.2 | 0.5 | 1.3 | 1.71 | 94 |
| SA5101399 | 8 | 0.5 | 4.2 | 0.25 | 34.2 | 50 | 2.0 | 10071553 | 55 | 1 | 7.51 | 0.05 | 3.28 | 0.5 | 27.7 | 0.5 | 0.25 | 0.25 | 263 |
| SA5101400 | 17 | 0.5 | 6.1 | 0.6 | 47.2 | 50 | 10.7 | 10071554 | 17 | 1 | 5.88 | 0.05 | 5.88 | 0.5 | 40.4 | 0.5 | 0.25 | 0.25 | 360 |
| SA5101401 | 9 | 0.5 | 4.1 | 0.25 | 40.0 | 50 | 5.0 | 10071555 | 15 | 1 | 4.39 | 0.05 | 3.65 | 0.5 | 30.1 | 0.5 | 0.8 | 0.25 | 38 |
| SA5101402 | 32 | 1 | 9.9 | 0.25 | 71.4 | 50 | 25.9 | 10071556 | 11 | 1 | 5.34 | 0.05 | 4.53 | 0.5 | 35.9 | 0.5 | 1.2 | 0.25 | 78 |
| SA5101403 | 35 | 0.5 | 12.7 | 0.7 | 65.4 | 230 | 45.5 | 10071557 | 151 | 1 | 4.35 | 0.05 | 2.37 | 0.5 | 25.2 | 0.5 | 0.8 | 0.25 | 77 |
| SA5101404 | 12 | 0.5 | 11.4 | 0.8 | 33.4 | 50 | 4.4 | 10071558 | 58 | 1 | 2.99 | 0.05 | 0.94 | 0.5 | 11.1 | 0.5 | 1.5 | 0.25 | 86 |
| SA5101405 | 49 | 0.5 | 15.1 | 1 | 68.8 | 50 | 21.9 | 10071559 | 28 | 1 | 2.89 | 0.05 | 1.26 | 0.5 | 13.3 | 0.5 | 1.2 | 0.25 | 96 |
| SA5101406 | 19 | 0.5 | 12.5 | 0.6 | 51.5 | 50 | 11.9 | 10071561 | 108 | 1 | 6.52 | 0.05 | 2.30 | 0.5 | 20.8 | 0.5 | 0.25 | 0.25 | 195 |
| SA5101407 | 7 | 0.5 | 5.7 | 0.25 | 33.7 | 50 | 3.5 | 10071562 | 22 | 1 | 3.56 | 0.05 | 2.39 | 0.5 | 21.8 | 0.5 | 0.25 | 0.25 | 192 |
| SA5101408 | 6 | 0.5 | 4.6 | 0.25 | 23.0 | 50 | 5.0 | 10071563 | 58 | 1 | 4.05 | 0.05 | 3.61 | 0.5 | 27.0 | 0.5 | 1.3 | 0.25 | 87 |
| SA5101409 | 30 | 0.5 | 10.5 | 0.8 | 32.1 | 50 | 4.8 | 10071564 | 40 | 1 | 4.90 | 0.05 | 3.50 | 0.5 | 26.7 | 0.5 | 0.5 | 0.25 | 117 |
| SA5101410 | 6 | 0.5 | 2.9 | 0.25 | 54.4 | 50 | 2.3 | 10071565 | 35 | 1 | 7.12 | 0.05 | 5.96 | 0.5 | 42.6 | 0.5 | 0.25 | 0.25 | 665 |
| SA5101411 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071566 | 18 | 1 | 3.73 | 0.05 | 2.40 | 0.5 | 19.1 | 0.5 | 0.25 | 0.25 | 63 |
| SA5101412 | 7 | 0.5 | 3.6 | 0.25 | 34.9 | 50 | 2.5 | 10071567 | 42 | 1 | 2.55 | 0.05 | 1.93 | 0.5 | 16.9 | 0.5 | 1.0 | 1.09 | 161 |
| SA5101413 | 16 | 0.5 | 8.2 | 0.7 | 46.2 | 50 | 6.8 | 10071568 | 93 | 1 | 4.58 | 0.05 | 1.67 | 0.5 | 15.4 | 0.5 | 0.8 | 0.25 | 217 |
| SA5101414 | 40 | 0.5 | 15.6 | 1.3 | 41.4 | 240 | 55.2 | 10071569 | 23 | 1 | 5.12 | 0.05 | 2.30 | 0.5 | 19.8 | 0.5 | 0.25 | 0.25 | 221 |
| SA5101415 | 40 | 0.5 | 20.0 | 1.8 | 86.3 | 50 | 21.3 | 10071571 | 25 | 1 | 4.68 | 0.05 | 2.08 | 0.5 | 18.3 | 0.5 | 2.0 | 0.25 | 44 |
| SA5101416 | 21 | 0.5 | 12.5 | 0.7 | 52.9 | 50 | 13.2 | 10071572 | 115 | 1 | 5.77 | 0.05 | 2.13 | 0.5 | 19.4 | 0.5 | 2.0 | 0.25 | 122 |
| SA5101417 | 8 | 0.5 | 7.3 | 0.25 | 29.0 | 50 | 2.7 | 10071573 | 52 | 1 | 5.37 | 0.05 | 2.29 | 0.5 | 19.7 | 0.5 | 1.5 | 0.25 | 72 |
| SA5101418 | 23 | 0.5 | 13.5 | 1.1 | 68.8 | 50 | 7.7 | 10071574 | 71 | 1 | 3.06 | 0.05 | 1.21 | 0.5 | 12.2 | 0.5 | 1.1 | 0.25 | 30 |
| SA5101419 | 11 | 0.5 | 3.5 | 0.25 | 18.9 | 50 | 2.1 | 10071575 | 30 | 1 | 12.07 | 0.05 | 2.14 | 0.5 | 30.8 | 0.5 | 0.25 | 0.25 | 2108 |
| SA5101420 | 27 | 0.5 | 8.7 | 0.8 | 40.1 | 50 | 29.1 | 10071576 | 17 | 1 | 3.77 | 0.05 | 2.40 | 0.5 | 19.2 | 0.5 | 0.9 | 1.75 | 47 |
| SA5101421 | 6 | 0.5 | 5.2 | 0.25 | 25.9 | 50 | 1.2 | 10071577 | 106 | 1 | 4.12 | 0.05 | 2.15 | 0.5 | 18.6 | 0.5 | 0.6 | 0.25 | 66 |
| SA5101422 | 2 | 0.5 | 3.6 | 0.25 | 18.7 | 50 | 2.0 | 10071578 | 68 | 1 | 5.31 | 0.05 | 3.18 | 2 | 23.6 | 0.5 | 2.2 | 0.25 | 118 |
| SA5101423 | 11 | 0.5 | 4.9 | 0.9 | 54.0 | 50 | 7.9 | 10071579 | 33 | 1 | 2.20 | 0.05 | 1.77 | 0.5 | 16.9 | 0.5 | 6.4 | 0.25 | 89 |
| SA5101424 | 37 | 0.5 | 9.1 | 0.25 | 46.8 | 50 | 3.5 | 10071581 | 6 | 1 | 8.73 | 0.05 | 3.60 | 0.5 | 30.1 | 0.5 | 0.25 | 0.25 | 264 |
| SA5101425 | 36 | 0.5 | 6.1 | 0.25 | 24.6 | 50 | 5.4 | 10071582 | 42 | 1 | 5.93 | 0.05 | 3.24 | 0.5 | 24.6 | 0.5 | 2.9 | 10.16 | 54 |
| SA5101426 | 22 | 0.5 | 14.2 | 0.25 | 58.2 | 50 | 19.4 | 10071583 | 46 | 1 | 11.49 | 0.05 | 4.03 | 0.5 | 27.6 | 0.5 | 2.3 | 0.25 | 169 |
| SA5101427 | 32 | 0.5 | 10.7 | 0.8 | 67.8 | 50 | 27.0 | 10071584 | 65 | 1 | 9.22 | 0.05 | 3.86 | 0.5 | 25.4 | 0.5 | 2.3 | 0.62 | 95 |
| SA5101428 | 51 | 0.5 | 24.9 | 2.2 | 107.0 | 50 | 24.4 | 10071585 | 35 | 1 | 6.62 | 0.05 | 3.46 | 0.5 | 25.6 | 0.5 | 2.0 | 1.42 | 19 |
| SA5101429 | 19 | 0.5 | 11.2 | 0.25 | 49.6 | 50 | 2.7 | 10071586 | 82 | 1 | 4.87 | 0.05 | 2.01 | 0.5 | 19.9 | 0.5 | 1.8 | 1.69 | 68 |
| SA5101430 | 10 | 0.5 | 9.0 | 0.25 | 30.5 | 50 | 5.9 | 10071587 | 33 | 1 | 3.57 | 0.05 | 1.77 | 0.5 | 15.6 | 0.5 | 1.2 | 0.25 | 35 |
| SA5101431 | 10 | 0.5 | 7.0 | 0.6 | 41.9 | 50 | 5.9 | 10071588 | 95 | 1 | 5.77 | 0.05 | 2.41 | 0.5 | 19.9 | 0.5 | 1.5 | 2.70 | 109 |
| SA5101432 | 4 | 0.5 | 4.1 | 0.6 | 21.7 | 50 | 2.0 | 10071589 | 47 | 1 | 1.63 | 0.05 | 1.12 | 0.5 | 9.8 | 0.5 | 0.9 | 2.54 | 74 |
| SA5101433 | 44 | 0.5 | 22.6 | 1.3 | 74.0 | 50 | 5.7 | 10071591 | 95 | 1 | 2.38 | 0.05 | 1.22 | 0.5 | 11.9 | 0.5 | 1.4 | 0.25 | 23 |
| SA5101434 | 8 | 0.5 | 5.9 | 0.25 | 24.2 | 50 | 3.5 | 10071592 | 153 | 1 | 2.96 | 0.05 | 1.25 | 0.5 | 12.3 | 0.5 | 2.2 | 0.25 | 66 |
| SA5101435 | 20 | 0.5 | 13.9 | 0.9 | 54.4 | 50 | 12.1 | 10071593 | 59 | 1 | 9.22 | 0.05 | 3.82 | 0.5 | 26.7 | 0.5 | 2.0 | 1.09 | 75 |
| SA5101436 | 17 | 0.5 | 11.7 | 0.25 | 45.2 | 50 | 9.9 | 10071594 | 135 | 1 | 4.40 | 0.05 | 1.88 | 0.5 | 16.4 | 0.5 | 0.25 | 0.25 | 100 |

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | 4 | 0.5 | 6.3 | 0.25 | 42.2 | 50 | 2.4 | 10071595 | 76 | 1 | 3.82 | 0.05 | 2.05 | 0.5 | 16.9 | 0.5 | 1.1 | 0.25 | 103 |
| SA5101438 | 30 | 0.5 | 14.8 | 0.8 | 66.4 | 50 | 21.3 | 10071596 | 36 | 1 | 3.97 | 0.05 | 1.74 | 0.5 | 15.2 | 0.5 | 1.6 | 0.25 | 52 |
| SA5101439 | 5 | 0.5 | 4.9 | 0.25 | 22.6 | 50 | 3.1 | 10071597 | 101 | 1 | 6.01 | 0.05 | 1.86 | 0.5 | 17.9 | 0.5 | 0.7 | 0.25 | 223 |
| SA5101440 | 20 | 0.5 | 11.5 | 0.8 | 57.4 | 50 | 7.2 | 10071598 | 81 | 1 | 2.90 | 0.05 | 1.31 | 0.5 | 14.2 | 0.5 | 1.5 | 0.25 | 69 |
| SA5101441 | 41 | 0.5 | 19.5 | 1.3 | 105.6 | 50 | 15.1 | 10071599 | 49 | 1 | 2.73 | 0.05 | 1.84 | 0.5 | 17.0 | 0.5 | 1.6 | 0.25 | 37 |
| SA5101442 | 12 | 0.5 | 5.3 | 0.8 | 61.7 | 50 | 5.3 | 10071601 | 42 | 1 | 1.55 | 0.05 | 0.85 | 0.5 | 9.9 | 0.5 | 2.0 | 0.25 | 45 |
| SA5101443 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071602 | 72 | 1 | 3.39 | 0.05 | 1.69 | 0.5 | 17.1 | 0.5 | 2.3 | 8.89 | 20 |
| SA5101444 | 7 | 0.5 | 4.4 | 0.25 | 24.1 | 50 | 1.3 | 10071603 | 57 | 1 | 1.87 | 0.05 | 0.96 | 0.5 | 10.0 | 0.5 | 2.1 | 5.90 | 30 |
| SA5101445 | 16 | 0.5 | 5.4 | 0.25 | 53.1 | 50 | 2.5 | 10071604 | 34 | 1 | 8.17 | 0.05 | 3.00 | 0.5 | 21.5 | 0.5 | 0.25 | 0.25 | 677 |
| SA5101446 | 31 | 0.5 | 11.8 | 0.25 | 64.9 | 50 | 8.1 | 10071605 | 105 | 1 | 5.19 | 0.05 | 2.52 | 0.5 | 19.8 | 0.5 | 0.7 | 1.01 | 95 |
| SA5101447 | 11 | 0.5 | 10.8 | 0.25 | 46.6 | 50 | 3.5 | 10071606 | 100 | 1 | 8.57 | 0.05 | 3.57 | 0.5 | 27.2 | 0.5 | 1.3 | 3.14 | 103 |
| SA5101448 | 6 | 0.5 | 5.0 | 0.25 | 14.9 | 50 | 2.0 | 10071607 | 80 | 1 | 13.60 | 0.05 | 2.13 | 0.5 | 18.2 | 0.5 | 1.2 | 2.30 | 83 |
| SA5101449 | 8 | 0.5 | 6.2 | 0.25 | 17.4 | 50 | 2.7 | 10071608 | 87 | 1 | 7.99 | 0.05 | 2.06 | 0.5 | 18.1 | 0.5 | 0.25 | 2.92 | 219 |
| SA5101450 | 109 | 0.5 | 7.3 | 0.25 | 45.1 | 50 | 3.3 | 10071609 | 53 | 1 | 4.44 | 0.05 | 3.63 | 0.5 | 26.9 | 0.5 | 2.3 | 3.37 | 33 |
| SA5101451 | 26 | 0.5 | 18.1 | 1.3 | 67.4 | 50 | 11.5 | 10071611 | 40 | 1 | 8.75 | 0.05 | 3.25 | 0.5 | 24.9 | 0.5 | 1.4 | 2.75 | 155 |
| SA5101452 | 32 | 0.5 | 20.8 | 1.1 | 56.0 | 50 | 9.4 | 10071612 | 30 | 1 | 11.24 | 0.05 | 2.33 | 0.5 | 32.8 | 0.5 | 1.4 | 0.25 | 19 |
| SA5101453 | 34 | 0.5 | 16.9 | 0.9 | 61.8 | 50 | 5.6 | 10071613 | 55 | 1 | 4.27 | 0.05 | 4.44 | 0.5 | 20.8 | 0.5 | 1.4 | 2.36 | 114 |
| SA5101454 | 12 | 0.5 | 12.3 | 0.8 | 41.6 | 50 | 6.8 | 10071614 | 66 | 1 | 4.35 | 0.05 | 1.69 | 0.5 | 18.6 | 0.5 | 1.8 | 0.25 | 26 |
| SA5101455 | 23 | 0.5 | 18.9 | 1 | 72.9 | 50 | 12.5 | 10071615 | 64 | 1 | 6.56 | 0.05 | 2.64 | 0.5 | 20.2 | 0.5 | 1.6 | 0.25 | 97 |
| SA5101456 | 41 | 0.5 | 25.6 | 1.7 | 112.9 | 50 | 40.1 | 10071616 | 13 | 1 | 7.73 | 0.05 | 3.14 | 0.5 | 26.0 | 0.5 | 1.1 | 0.25 | 89 |
| SA5101457 | 6 | 0.5 | 9.0 | 0.25 | 17.9 | 50 | 3.2 | 10071617 | 115 | 1 | 3.89 | 0.05 | 1.44 | 0.5 | 15.0 | 0.5 | 0.25 | 0.25 | 274 |
| SA5101458 | 7 | 0.5 | 7.0 | 0.25 | 43.3 | 50 | 2.5 | 10071618 | 65 | 1 | 5.14 | 0.05 | 2.75 | 0.5 | 23.4 | 0.5 | 1.5 | 1.35 | 148 |
| SA5101459 | 10 | 0.5 | 12.4 | 0.25 | 42.6 | 50 | 6.7 | 10071619 | 120 | 1 | 6.16 | 0.05 | 2.13 | 0.5 | 18.7 | 0.5 | 0.25 | 2.10 | 177 |
| SA5101460 | 21 | 0.5 | 7.0 | 0.25 | 23.8 | 50 | 4.0 | 10071621 | 36 | 1 | 13.00 | 0.05 | 3.47 | 0.5 | 28.1 | 0.5 | 0.25 | 0.53 | 702 |
| SA5101461 | 9 | 0.5 | 10.7 | 0.8 | 23.9 | 50 | 4.1 | 10071622 | 61 | 1 | 5.92 | 0.05 | 1.96 | 0.5 | 17.9 | 0.5 | 1.6 | 1.56 | 124 |
| SA5101462 | 101 | 0.5 | 25.1 | 2.2 | 108.0 | 50 | 14.8 | 10071623 | 22 | 1 | 3.54 | 0.05 | 3.29 | 0.5 | 28.2 | 0.5 | 2.2 | 1.40 | 5 |
| SA5101463 | 82 | 0.5 | 19.4 | 1.2 | 71.2 | 50 | 8.3 | 10071624 | 26 | 1 | 3.27 | 0.05 | 3.54 | 0.5 | 30.3 | 0.5 | 1.2 | 0.25 | 5 |
| SA5101464 | 13 | 0.5 | 23.7 | 2 | 63.7 | 50 | 11.6 | 10071625 | 67 | 1 | 5.34 | 0.05 | 2.49 | 0.5 | 21.0 | 0.5 | 1.9 | 2.52 | 81 |
| SA5101465 | 3 | 0.5 | 8.7 | 0.9 | 27.5 | 50 | 4.0 | 10071626 | 19 | 1 | 5.64 | 0.05 | 3.44 | 0.5 | 22.9 | 0.5 | 1.8 | 0.25 | 71 |
| SA5101466 | 44 | 0.5 | 18.6 | 1.3 | 51.9 | 50 | 10.1 | 10071627 | 49 | 1 | 3.75 | 0.05 | 2.47 | 0.5 | 21.5 | 0.5 | 1.1 | 0.25 | 24 |
| SA5101467 | 64 | 0.5 | 27.7 | 2.5 | 85.0 | 50 | 69.5 | 10071628 | 22 | 1 | 2.71 | 0.05 | 1.99 | 0.5 | 19.8 | 0.5 | 2.1 | 0.25 | 18 |
| SA5101468 | 8 | 0.5 | 9.8 | 0.25 | 45.4 | 50 | 5.8 | 10071629 | 53 | 1 | 3.22 | 0.05 | 1.35 | 0.5 | 13.5 | 0.5 | 0.9 | 0.25 | 99 |
| SA5101469 | 10 | 0.5 | 6.5 | 0.25 | 18.4 | 50 | 5.2 | 10071631 | 56 | 1 | 1.03 | 0.05 | 0.48 | 0.5 | 7.0 | 0.5 | 0.8 | 0.25 | 106 |
| SA5101470 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071632 | 49 | 1 | 5.14 | 0.05 | 3.44 | 0.5 | 28.0 | 0.5 | 2.8 | 0.25 | 173 |
| SA5101471 | 18 | 0.5 | 23.1 | 1.6 | 53.1 | 50 | 7.5 | 10071633 | 41 | 1 | 3.74 | 0.05 | 2.05 | 0.5 | 18.9 | 0.5 | 1.4 | 0.65 | 13 |
| SA5101472 | 8 | 0.5 | 14.6 | 0.6 | 39.7 | 50 | 3.4 | 10071634 | 110 | 1 | 3.21 | 0.05 | 1.69 | 0.5 | 18.7 | 0.5 | 1.7 | 2.58 | 31 |
| SA5101473 | 14 | 0.5 | 14.7 | 0.7 | 54.8 | 50 | 6.4 | 10071635 | 73 | 1 | 2.91 | 0.05 | 1.73 | 0.5 | 17.0 | 0.5 | 1.6 | 0.25 | 76 |
| SA5101474 | 22 | 0.5 | 16.1 | 1.4 | 46.0 | 50 | 3.7 | 10071636 | 37 | 1 | 1.88 | 0.05 | 1.73 | 0.5 | 20.0 | 0.5 | 2.2 | 0.25 | 5 |
| SA5101475 | 21 | 0.5 | 20.1 | 1.6 | 77.7 | 50 | 12.6 | 10071637 | 64 | 1 | 2.35 | 0.05 | 1.22 | 0.5 | 15.0 | 0.5 | 2.2 | 0.25 | 5 |
| SA5101476 | 19 | 0.5 | 11.1 | 0.8 | 44.6 | 50 | 6.4 | 10071638 | 37 | 1 | 2.49 | 0.05 | 2.42 | 0.5 | 23.2 | 0.5 | 2.2 | 0.25 | 22 |
| SA5101477 | 59 | 1 | 46.7 | 2.9 | 159.8 | 50 | 15.6 | 10071639 | 31 | 1 | 2.75 | 0.05 | 1.92 | 0.5 | 19.3 | 0.5 | 1.6 | 2.26 | 11 |
| SA5101478 | 35 | 0.5 | 30.8 | 2.3 | 92.8 | 50 | 18.3 | 10071641 | 53 | 1 | 3.72 | 0.05 | 2.30 | 0.5 | 22.1 | 0.5 | 1.0 | 0.25 | 91 |
| SA5101479 | 7 | 0.5 | 6.6 | 0.25 | 32.1 | 50 | 2.9 | 10071642 | 78 | 1 | 1.81 | 0.05 | 0.49 | 0.5 | 7.6 | 0.5 | 1.1 | 0.25 | 198 |
| SA5101480 | 21 | 0.5 | 19.5 | 0.9 | 52.8 | 50 | 11.5 | 10071643 | 52 | 1 | 3.80 | 0.05 | 2.61 | 0.5 | 23.5 | 0.5 | 2.0 | 1.30 | 28 |
| SA5101481 | 7 | 0.5 | 7.9 | 1 | 44.8 | 50 | 2.3 | 10071644 | 23 | 1 | 1.62 | 0.05 | 2.69 | 0.5 | 23.6 | 0.5 | 1.5 | 1.35 | 55 |
| SA5101482 | 13 | 0.5 | 10.6 | 0.25 | 25.3 | 50 | 5.8 | 10071645 | 59 | 1 | 2.76 | 0.05 | 1.08 | 0.5 | 11.0 | 0.5 | 0.7 | 2.53 | 290 |
| SA5101483 | 24 | 0.5 | 13.5 | 0.9 | 40.3 | 50 | 28.2 | 10071646 | 63 | 1 | 5.97 | 0.05 | 1.63 | 0.5 | 14.5 | 0.5 | 0.25 | 0.25 | 431 |
| SA5101484 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071647 | 181 | 1 | 2.24 | 0.05 | 0.27 | 0.5 | 8.6 | 0.5 | 0.5 | 1.78 | 151 |
| SA5101485 | 24 | 0.5 | 37.8 | 2.6 | 87.3 | 50 | 16.2 | 10071648 | 123 | 1 | 4.22 | 0.05 | 1.60 | 0.5 | 16.1 | 0.5 | 0.9 | 2.85 | 130 |
| SA5101486 | 27 | 0.5 | 14.0 | 0.25 | 77.2 | 50 | 13.5 | 10071649 | 15 | 1 | 5.56 | 0.05 | 1.11 | 0.5 | 9.7 | 0.5 | 0.25 | 0.25 | 280 |
| SA5101487 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071651 | 108 | 1 | 3.74 | 0.05 | 0.64 | 0.5 | 8.2 | 0.5 | 0.25 | 0.25 | 563 |
| SA5101488 | 20 | 0.5 | 9.6 | 0.6 | 39.6 | 260 | 39.3 | 10071652 | 73 | 1 | 1.88 | 0.05 | 1.17 | 0.5 | 14.3 | 0.5 | 0.25 | 0.25 | 452 |
| SA5101489 | 10 | 0.5 | 15.3 | 0.25 | 27.3 | 50 | 3.8 | 10071653 | 59 | 1 | 3.71 | 0.05 | 1.49 | 0.5 | 15.5 | 0.5 | 0.25 | 0.25 | 227 |
| SA5101490 | 19 | 0.5 | 23.6 | 1.5 | 41.9 | 50 | 5.1 | 10071654 | 83 | 1 | 3.57 | 0.05 | 1.42 | 0.5 | 14.6 | 0.5 | 0.25 | 0.25 | 144 |
| SA5101491 | 69 | 0.5 | 31.0 | 2.7 | 80.6 | 390 | 104.9 | 10071655 | 9 | 1 | 2.26 | 0.05 | 1.67 | 0.5 | 16.6 | 0.5 | 0.25 | 1.52 | 5 |
| SA5101492 | 24 | 0.5 | 16.8 | 0.9 | 46.6 | 50 | 5.6 | 10071656 | 24 | 1 | 2.04 | 0.05 | 1.85 | 0.5 | 17.2 | 0.5 | 0.25 | 0.25 | 16 |
| SA5101493 | 28 | 0.5 | 22.8 | 0.9 | 58.7 | 50 | 7.7 | 10071657 | 13 | 1 | 1.78 | 0.05 | 1.58 | 0.5 | 16.1 | 0.5 | 0.7 | 0.25 | 5 |
| SA5101494 | 34 | 0.5 | 26.2 | 1.4 | 70.0 | 50 | 19.1 | 10071658 | 122 | 1 | 4.48 | 0.05 | 1.63 | 0.5 | 18.2 | 0.5 | 0.25 | 0.25 | 131 |
| SA5101495 | 13 | 0.5 | 9.6 | 0.25 | 26.6 | 50 | 1.7 | 10071659 | 15 | 1 | 3.06 | 0.05 | 2.67 | 0.5 | 23.9 | 0.5 | 0.25 | 0.25 | 323 |
| SA5101496 | 33 | 0.5 | 21.8 | 1 | 57.2 | 50 | 33.7 | 10071661 | 14 | 1 | 2.87 | 0.05 | 2.03 | 0.5 | 18.4 | 0.5 | 0.25 | 0.25 | 53 |
| SA5101497 | 16 | 0.5 | 15.6 | 0.25 | 37.4 | 50 | 6.0 | 10071662 | 134 | 1 | 4.60 | 0.05 | 1.27 | 0.5 | 15.1 | 0.5 | 0.25 | 0.25 | 199 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | 15 | 0.5 | 39.2 | 2.3 | 57.3 | 50 | 7.0 | 10071663 | 56 | 1 | 2.75 | 0.05 | 1.29 | 0.5 | 13.3 | 0.5 | 0.25 | 0.25 | 26 |
| SA5101499 | 12 | 0.5 | 26.7 | 1.7 | 58.6 | 50 | 10.5 | 10071664 | 163 | 1 | 4.25 | 0.05 | 1.54 | 0.5 | 15.6 | 0.5 | 0.25 | 18.82 | 64 |
| SA5101500 | 29 | 0.5 | 45.5 | 2.8 | 109.5 | 50 | 25.5 | 10071665 | 95 | 1 | 4.75 | 0.05 | 2.17 | 0.5 | 20.8 | 0.5 | 1.1 | 0.25 | 45 |
| SA5101501 | 17 | 0.5 | 19.6 | 1 | 49.7 | 50 | 5.0 | 10071666 | 61 | 1 | 3.92 | 0.05 | 1.62 | 0.5 | 15.1 | 0.5 | 0.25 | 0.25 | 78 |
| SA5101502 | 24 | 0.5 | 16.9 | 1 | 57.5 | 50 | 24.2 | 10071667 | 156 | 1 | 5.42 | 0.05 | 1.42 | 0.5 | 16.4 | 0.5 | 0.25 | 3.55 | 168 |
| SA5101503 | 11 | 0.5 | 25.2 | 0.25 | 44.2 | 50 | 14.8 | 10071668 | 154 | 1 | 3.86 | 0.05 | 1.60 | 0.5 | 15.5 | 0.5 | 0.25 | 0.25 | 22 |
| SA5101504 | 24 | 0.5 | 32.5 | 1.9 | 68.6 | 50 | 13.8 | 10071669 | 99 | 1 | 3.82 | 0.05 | 1.72 | 0.5 | 18.1 | 0.5 | 0.25 | 0.25 | 94 |
| SA5101505 | 15 | 0.5 | 12.5 | 1.2 | 34.7 | 50 | 8.4 | 10071671 | 42 | 1 | 3.92 | 0.05 | 2.67 | 0.5 | 22.5 | 0.5 | 0.25 | 0.25 | 305 |
| SA5101506 | 21 | 0.5 | 29.3 | 1.8 | 62.6 | 50 | 6.3 | 10071672 | 70 | 1 | 2.96 | 0.05 | 2.00 | 0.5 | 18.7 | 0.5 | 0.25 | 0.25 | 102 |
| SA5101507 | 112 | 0.5 | 43.4 | 2.6 | 87.3 | 50 | 9.4 | 10071673 | 50 | 1 | 3.39 | 0.3 | 2.22 | 1 | 22.8 | 0.7 | 0.7 | 0.25 | 90 |
| SA5101508 | 29 | 0.5 | 40.7 | 3.1 | 88.6 | 50 | 5.7 | 10071674 | 84 | 1 | 4.19 | 0.05 | 1.49 | 0.5 | 13.4 | 0.5 | 0.25 | 0.25 | 180 |
| SA5101509 | 15 | 0.5 | 20.6 | 1.3 | 47.1 | 50 | 2.8 | 10071675 | 57 | 1 | 3.21 | 0.05 | 1.19 | 0.5 | 14.1 | 0.5 | 0.25 | 0.25 | 120 |
| SA5101510 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071676 | 78 | 1 | 4.08 | 0.05 | 1.37 | 0.5 | 14.6 | 0.5 | 0.25 | 0.25 | 26 |
| SA5101511 | 22 | 0.5 | 50.9 | 3.1 | 54.0 | 50 | 5.1 | 10071677 | 79 | 1 | 5.22 | 0.05 | 1.33 | 0.5 | 11.8 | 0.5 | 0.25 | 0.25 | 81 |
| SA5101512 | 18 | 0.5 | 11.2 | 0.25 | 48.7 | 50 | 9.5 | 10071678 | 14 | 1 | 2.98 | 0.05 | 1.39 | 0.5 | 12.8 | 0.5 | 0.25 | 0.25 | 141 |
| SA5101513 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071679 | 17 | 1 | 3.58 | 0.05 | 1.16 | 0.5 | 13.9 | 0.5 | 0.25 | 0.25 | 310 |
| SA5101514 | 9 | 0.5 | 15.0 | 1.2 | 72.4 | 50 | 4.0 | 10071681 | 29 | 1 | 3.83 | 0.05 | 0.98 | 0.5 | 10.8 | 0.5 | 0.25 | 0.25 | 301 |
| SA5101515 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071682 | 16 | 1 | 15.41 | 0.05 | 4.75 | 0.5 | 37.7 | 0.5 | 0.25 | 0.25 | 1681 |
| SA5101516 | 25 | 0.5 | 17.3 | 0.25 | 46.1 | 50 | 14.5 | 10071683 | 46 | 1 | 2.48 | 0.05 | 0.64 | 0.5 | 7.2 | 0.5 | 0.25 | 0.25 | 139 |
| SA5101517 | 4 | 0.5 | 7.3 | 0.25 | 30.2 | 50 | 2.9 | 10071684 | 21 | 1 | 3.58 | 0.05 | 0.93 | 0.5 | 8.2 | 0.5 | 0.25 | 0.25 | 289 |
| SA5101518 | 49 | 0.5 | 25.1 | 2.2 | 72.5 | 400 | 80.7 | 10071685 | 6 | 1 | 5.30 | 0.05 | 2.78 | 0.5 | 22.4 | 0.5 | 0.25 | 2.07 | 68 |
| SA5101519 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071686 | 44 | 1 | 0.61 | 0.05 | 0.11 | 0.5 | 4.9 | 0.5 | 0.25 | 0.25 | 20 |
| SA5101520 | 14 | 0.5 | 18.0 | 0.25 | 37.2 | 50 | 7.6 | 10071687 | 66 | 1 | 4.01 | 0.05 | 1.59 | 0.5 | 15.0 | 0.5 | 0.25 | 0.25 | 80 |
| SA5101521 | 8 | 0.5 | 19.1 | 1.3 | 27.8 | 50 | 4.4 | 10071688 | 86 | 1 | 3.93 | 0.05 | 1.86 | 0.5 | 14.9 | 0.5 | 0.25 | 0.25 | 81 |
| SA5101522 | 37 | 0.5 | 47.0 | 3.3 | 110.4 | 50 | 28.1 | 10071689 | 41 | 1 | 3.03 | 0.05 | 1.49 | 0.5 | 16.0 | 0.5 | 0.25 | 0.25 | 22 |
| SA5101523 | 23 | 0.5 | 29.6 | 2.3 | 65.2 | 50 | 24.3 | 10071691 | 75 | 1 | 1.57 | 0.05 | 0.43 | 0.5 | 5.0 | 0.5 | 0.25 | 1.75 | 24 |
| SA5101524 | 7 | 0.5 | 24.0 | 1.5 | 31.4 | 50 | 2.0 | 10071692 | 63 | 1 | 3.74 | 0.05 | 1.82 | 0.5 | 16.8 | 0.5 | 0.25 | 1.54 | 26 |
| SA5101525 | 60 | 2 | 92.5 | 6.2 | 159.2 | 50 | 21.3 | 10071693 | 82 | 1 | 3.68 | 0.05 | 1.29 | 0.5 | 12.2 | 0.5 | 0.25 | 0.85 | 26 |
| SA5101526 | 38 | 0.5 | 168.1 | 10 | 51.4 | 50 | 62.3 | 10071694 | 5 | 1 | 4.10 | 0.05 | 2.87 | 0.5 | 23.4 | 0.5 | 0.25 | 1.55 | 5 |
| SA5101527 | 34 | 0.5 | 25.5 | 2.6 | 49.2 | 480 | 70.3 | 10071695 | 25 | 1 | 3.34 | 0.05 | 1.58 | 0.5 | 15.4 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101528 | 38 | 0.5 | 30.4 | 2 | 100.1 | 50 | 7.8 | 10071696 | 32 | 1 | 2.15 | 0.05 | 1.88 | 0.5 | 17.4 | 0.5 | 0.25 | 2.35 | 22 |
| SA5101529 | 25 | 0.5 | 58.1 | 3.7 | 82.6 | 50 | 14.2 | 10071697 | 79 | 1 | 3.54 | 0.05 | 1.94 | 0.5 | 17.0 | 0.5 | 0.25 | 0.25 | 72 |
| SA5101530 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071698 | 115 | 1 | 2.27 | 0.05 | 0.90 | 0.5 | 8.9 | 0.5 | 0.25 | 1.45 | 106 |
| SA5101531 | 51 | 0.5 | 25.1 | 2.1 | 82.2 | 400 | 65.6 | 10071699 | 22 | 1 | 2.10 | 0.05 | 1.82 | 0.5 | 17.2 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101532 | 14 | 0.5 | 20.5 | 1.2 | 42.9 | 50 | 4.6 | 10071701 | 77 | 1 | 3.05 | 0.05 | 1.66 | 0.5 | 17.3 | 0.5 | 0.25 | 0.25 | 31 |
| SA5101533 | 28 | -9 | 4.9 | -9 | 47.2 | -9 | 2.5 | 10071702 | 48 | 1 | 0.12 | 0.05 | 0.10 | 0.5 | 3.4 | 0.5 | 0.25 | 0.92 | 5 |
| SA5101534 | 8 | 0.5 | 2.7 | 0.25 | 22.6 | 50 | 1.1 | 10071703 | 70 | 1 | 1.48 | 0.05 | 1.98 | 0.5 | 21.7 | 0.5 | 0.25 | 0.25 | 167 |
| SA5101535 | 36 | 0.5 | 10.3 | 0.8 | 49.5 | 50 | 8.9 | 10071704 | 28 | 1 | 1.13 | 0.05 | 0.60 | 0.5 | 7.9 | 0.5 | 0.7 | 0.25 | 11 |
| SA5101536 | 36 | 0.5 | 7.7 | 0.8 | 41.5 | 250 | 27.9 | 10071705 | 9 | 1 | 1.27 | 0.05 | 2.65 | 0.5 | 32.9 | 0.5 | 0.25 | 0.25 | 311 |
| SA5101537 | 16 | 0.5 | 3.5 | 0.25 | 14.4 | 50 | 9.2 | 10071706 | 140 | 1 | 0.45 | 0.05 | 0.69 | 0.5 | 12.4 | 0.5 | 0.25 | 0.25 | 584 |
| SA5101538 | 46 | 0.5 | 4.5 | 0.6 | 37.2 | 50 | 6.9 | 10071707 | 3 | 1 | 0.91 | 0.05 | 1.48 | 0.5 | 20.4 | 0.5 | 0.25 | 2.89 | 105 |
| SA5101539 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071708 | 83 | 1 | 3.78 | 0.05 | 1.26 | 0.5 | 14.2 | 0.5 | 0.25 | 0.25 | 34 |
| SA5101540 | 32 | 0.5 | 5.3 | 0.25 | 64.0 | 50 | 11.4 | 10071709 | 1 | 1 | 1.47 | 0.05 | 2.09 | 0.5 | 29.4 | 0.5 | 0.25 | 1.64 | 541 |
| SA5101541 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071711 | 11 | 1 | 1.85 | 0.05 | 1.99 | 0.5 | 26.1 | 0.5 | 0.25 | 1.90 | 362 |
| SA5101542 | 6 | 0.5 | 16.6 | 1.2 | 23.1 | 50 | 3.8 | 10071712 | 114 | 1 | 2.26 | 0.05 | 1.74 | 0.5 | 16.0 | 0.5 | 0.25 | 0.54 | 105 |
| SA5101543 | 43 | 0.5 | 17.7 | 1.5 | 42.4 | 430 | 88.9 | 10071713 | 141 | 1 | 0.87 | 0.05 | 0.45 | 0.5 | 14.3 | 0.5 | 0.25 | 0.59 | 112 |
| SA5101544 | 11 | 0.5 | 18.6 | 1.4 | 34.8 | 50 | 4.5 | 10071714 | 71 | 1 | 2.64 | 0.05 | 1.64 | 0.5 | 16.2 | 0.5 | 0.25 | 5.95 | 29 |
| SA5101545 | 38 | 0.5 | 27.7 | 2.3 | 75.2 | 300 | 26.5 | 10071715 | 62 | 1 | 2.93 | 0.05 | 1.77 | 0.5 | 18.6 | 0.5 | 0.25 | 0.25 | 56 |
| SA5101546 | 23 | 0.5 | 33.1 | 2.1 | 46.9 | 260 | 11.0 | 10071716 | 51 | 1 | 2.47 | 0.05 | 1.60 | 0.5 | 17.1 | 0.5 | 0.25 | 0.25 | 10 |
| SA5101547 | 11 | 0.5 | 4.9 | 0.25 | 36.8 | 50 | 5.7 | 10071717 | 43 | 1 | 3.02 | 0.05 | 1.31 | 0.5 | 12.8 | 0.5 | 0.25 | 0.25 | 117 |
| SA5101548 | 21 | 1 | 14.0 | 0.9 | 32.3 | 50 | 6.8 | 10071718 | 32 | 1 | 1.70 | 0.05 | 1.60 | 0.5 | 16.1 | 0.5 | 1.5 | 1.88 | 13 |
| SA5101549 | 22 | 0.5 | 21.6 | 1.5 | 36.4 | 50 | 5.9 | 10071719 | 87 | 1 | 3.57 | 0.05 | 1.69 | 0.5 | 15.0 | 0.5 | 0.25 | 0.25 | 36 |
| SA5101550 | 12 | 0.5 | 17.7 | 1 | 31.2 | 50 | 4.4 | 10071721 | 170 | 1 | 4.23 | 0.05 | 1.43 | 0.5 | 13.8 | 0.5 | 0.25 | 0.25 | 134 |
| SA5101551 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071722 | 8 | 1 | 1.72 | 0.05 | 1.97 | 0.5 | 27.0 | 0.5 | 0.25 | 0.25 | 355 |
| SA5101552 | 20 | 0.5 | 21.9 | 1.4 | 44.0 | 50 | 22.8 | 10071723 | 66 | 1 | 2.55 | 0.05 | 2.82 | 0.5 | 22.6 | 0.5 | 0.25 | 0.25 | 54 |
| SA5101553 | 16 | 0.5 | 23.1 | 1.2 | 95.7 | 50 | 11.0 | 10071724 | 4 | 1 | 19.31 | 0.05 | 4.82 | 0.5 | 33.8 | 0.5 | 0.25 | 0.25 | 149 |
| SA5101554 | 5 | 0.5 | 10.0 | 0.8 | 88.8 | 50 | 4.7 | 10071725 | 1 | 1 | 28.05 | 0.05 | 7.90 | 0.5 | 43.7 | 0.5 | 0.25 | 0.25 | 222 |
| SA5101555 | 24 | 0.5 | 23.8 | 1.9 | 52.4 | 50 | 11.6 | 10071726 | 18 | 1 | 5.01 | 0.05 | 1.21 | 0.5 | 14.6 | 0.5 | 0.25 | 0.25 | 19 |
| SA5101556 | 40 | 0.5 | 25.7 | 2.2 | 85.7 | 50 | 31.7 | 10071727 | 43 | 1 | 1.85 | 0.05 | 0.32 | 0.5 | 6.5 | 0.5 | 0.25 | 0.25 | 50 |
| SA5101557 | 18 | 0.5 | 7.7 | 0.25 | 21.0 | 50 | 13.0 | 10071728 | 37 | 1 | 2.35 | 0.05 | 1.65 | 0.5 | 13.6 | 0.5 | 0.25 | 0.25 | 133 |
| SA5101558 | 14 | 0.5 | 11.8 | 1 | 42.2 | 50 | 3.1 | 10071729 | 29 | 1 | 5.85 | 0.05 | 2.73 | 0.5 | 22.8 | 0.5 | 0.25 | 0.25 | 251 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | 12 | 0.5 | 12.7 | 1.1 | 27.3 | 50 | 5.5 | 10071731 | 123 | 1 | 3.46 | 0.05 | 2.11 | 0.5 | 20.0 | 0.5 | 0.25 | 0.25 | 63 |
| SA5101560 | 10 | 0.5 | 15.0 | 1.2 | 33.5 | 50 | 3.4 | 10071732 | 58 | 1 | 2.82 | 0.05 | 2.27 | 0.5 | 21.0 | 0.5 | 0.25 | 0.25 | 10 |
| SA5101561 | 36 | 0.5 | 20.8 | 1.6 | 53.1 | 50 | 26.1 | 10071733 | 51 | 1 | 2.59 | 0.05 | 2.03 | 0.5 | 20.8 | 0.5 | 0.7 | 0.25 | 25 |
| SA5101562 | 9 | 0.5 | 15.9 | 0.9 | 34.7 | 50 | 5.2 | 10071734 | 105 | 1 | 2.88 | 0.05 | 1.73 | 0.5 | 19.7 | 0.5 | 0.25 | 0.25 | 51 |
| SA5101563 | 9 | 0.5 | 7.5 | 0.25 | 21.3 | 50 | 9.5 | 10071735 | 90 | 1 | 1.25 | 0.05 | 0.67 | 0.5 | 7.3 | 0.5 | 0.25 | 0.25 | 40 |
| SA5101564 | 46 | 0.5 | 30.4 | 2.2 | 82.5 | 50 | 45.2 | 10071736 | 68 | 1 | 2.90 | 0.05 | 2.14 | 0.5 | 18.5 | 0.5 | 0.25 | 0.25 | 30 |
| SA5101565 | 5 | 0.5 | 8.7 | 0.25 | 19.5 | 50 | 2.1 | 10071737 | 63 | 1 | 2.61 | 0.05 | 1.20 | 0.5 | 12.6 | 0.5 | 0.6 | 13.34 | 14 |
| SA5101566 | 9 | 0.5 | 4.4 | 0.25 | 22.4 | 50 | 1.2 | 10071738 | 58 | 1 | 3.07 | 0.05 | 1.32 | 0.5 | 16.4 | 0.5 | 0.25 | 0.25 | 104 |
| SA5101567 | 26 | 0.5 | 30.5 | 2.1 | 56.2 | 50 | 6.7 | 10071739 | 102 | 1 | 3.95 | 0.05 | 1.30 | 0.5 | 15.3 | 0.5 | 0.25 | 0.25 | 52 |
| SA5101568 | 22 | 0.5 | 7.8 | 0.25 | 39.5 | 50 | 5.4 | 10071741 | 48 | 1 | 2.22 | 0.05 | 1.58 | 0.5 | 18.5 | 0.5 | 0.25 | 0.25 | 15 |
| SA5101569 | 41 | 1 | 20.8 | 1.4 | 77.9 | 50 | 30.4 | 10071742 | 54 | 1 | 3.28 | 0.05 | 1.94 | 0.5 | 19.0 | 0.5 | 0.25 | 0.25 | 59 |
| SA5101570 | 52 | 0.5 | 24.0 | 2.2 | 91.5 | 50 | 60.0 | 10071743 | 59 | 1 | 3.13 | 0.05 | 1.98 | 0.5 | 20.2 | 0.5 | 0.9 | 0.25 | 72 |
| SA5101571 | 16 | 0.5 | 12.2 | 0.25 | 47.8 | 50 | 5.0 | 10071744 | 25 | 1 | 2.36 | 0.05 | 0.84 | 0.5 | 11.4 | 0.5 | 0.7 | 0.25 | 5 |
| SA5101572 | 55 | 1 | 48.2 | 2.5 | 127.6 | 50 | 38.8 | 10071745 | 50 | 1 | 3.93 | 0.05 | 1.98 | 0.5 | 19.6 | 0.5 | 0.25 | 0.25 | 28 |
| SA5101573 | 13 | 0.5 | 4.5 | 0.25 | 27.9 | 50 | 1.9 | 10071746 | 66 | 1 | 3.50 | 0.05 | 1.39 | 0.5 | 18.0 | 0.5 | 0.25 | 0.25 | 105 |
| SA5101574 | 24 | 1 | 25.7 | 1.5 | 62.4 | 50 | 7.9 | 10071747 | 33 | 1 | 7.02 | 0.05 | 1.97 | 0.5 | 18.9 | 0.5 | 0.25 | 0.25 | 317 |
| SA5101575 | 4 | 0.5 | 6.9 | 0.8 | 30.5 | 50 | 4.5 | 10071748 | 55 | 1 | 2.68 | 0.05 | 0.74 | 0.5 | 8.6 | 0.5 | 0.25 | 0.25 | 136 |
| SA5101576 | 13 | 0.5 | 16.6 | 0.9 | 43.1 | 50 | 6.5 | 10071749 | 68 | 1 | 4.79 | 0.05 | 2.35 | 0.5 | 19.9 | 0.5 | 0.25 | 1.08 | 81 |
| SA5101577 | 34 | 0.5 | 23.5 | 1.3 | 73.3 | 50 | 16.1 | 10071751 | 49 | 1 | 3.74 | 0.05 | 2.42 | 0.5 | 23.2 | 0.5 | 0.25 | 0.25 | 76 |
| SA5101578 | 13 | 0.5 | 10.7 | 0.6 | 43.7 | 50 | 4.5 | 10071752 | 108 | 1 | 4.02 | 0.05 | 1.53 | 0.5 | 16.4 | 0.5 | 0.25 | 0.25 | 164 |
| SA5101579 | 20 | 1 | 13.1 | 0.7 | 52.0 | 50 | 5.3 | 10071753 | 80 | 1 | 3.84 | 0.2 | 1.22 | 0.5 | 14.0 | 0.5 | 0.8 | 0.25 | 21 |
| SA5101580 | 30 | 0.5 | 23.7 | 1.2 | 89.1 | 50 | 18.5 | 10071754 | 49 | 1 | 4.04 | 0.05 | 2.05 | 0.5 | 19.3 | 0.5 | 0.25 | 0.25 | 73 |
| SA5101581 | 35 | 0.5 | 26.0 | 2.2 | 85.8 | 50 | 17.7 | 10071755 | 47 | 1 | 3.40 | 0.05 | 1.95 | 0.5 | 19.1 | 0.5 | 0.25 | 0.25 | 60 |
| SA5101582 | 11 | 0.5 | 29.7 | 1.8 | 46.7 | 50 | 5.9 | 10071756 | 49 | 1 | 3.12 | 0.05 | 1.98 | 0.5 | 21.2 | 0.5 | 0.25 | 0.25 | 23 |
| SA5101583 | 27 | 0.5 | 9.0 | 0.25 | 57.5 | 50 | 30.3 | 10071757 | 2 | 1 | 9.88 | 0.05 | 3.94 | 0.5 | 26.9 | 0.5 | 0.25 | 0.25 | 181 |
| SA5101584 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071758 | 112 | 1 | 32.55 | 0.05 | 3.50 | 0.5 | 24.6 | 0.5 | 0.25 | 0.25 | 386 |
| SA5101585 | 15 | 0.5 | 10.9 | 0.9 | 55.5 | 50 | 8.1 | 10071759 | 57 | 1 | 1.78 | 0.05 | 0.44 | 0.5 | 7.8 | 0.5 | 0.25 | 0.25 | 35 |
| SA5101586 | 17 | 0.5 | 8.2 | 0.25 | 54.9 | 50 | 3.9 | 10071761 | 35 | 1 | 21.18 | 0.05 | 6.25 | 0.5 | 42.3 | 0.5 | 0.25 | 0.25 | 306 |
| SA5101587 | 4 | 0.5 | 2.5 | 0.6 | 20.0 | 50 | 1.3 | 10071762 | 90 | 1 | 2.35 | 0.05 | 0.58 | 0.5 | 11.9 | 0.5 | 0.25 | 0.25 | 173 |
| SA5101588 | 111 | 3 | 36.6 | 2.6 | 75.2 | 50 | 27.1 | 10071763 | 41 | 1 | 2.89 | 0.05 | 1.94 | 0.5 | 16.8 | 0.5 | 0.25 | 0.25 | 11 |
| SA5101589 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071764 | 72 | 1 | 3.05 | 0.05 | 2.22 | 0.5 | 18.7 | 0.5 | 1.1 | 0.25 | 31 |
| SA5101590 | 22 | 0.5 | 18.6 | 1.2 | 35.0 | 50 | 4.1 | 10071765 | 76 | 1 | 1.98 | 0.05 | 1.46 | 0.5 | 14.7 | 0.5 | 0.25 | 0.25 | 11 |
| SA5101591 | 9 | 0.5 | 10.4 | 0.25 | 16.0 | 50 | 3.0 | 10071766 | 72 | 1 | 1.78 | 0.05 | 1.11 | 0.5 | 10.7 | 0.5 | 0.25 | 0.25 | 71 |
| SA5101592 | 10 | 0.5 | 17.1 | 1.8 | 28.2 | 50 | 3.1 | 10071767 | 52 | 1 | 2.61 | 0.05 | 3.01 | 0.5 | 23.3 | 0.5 | 0.25 | 0.25 | 76 |
| SA5101593 | 40 | 0.5 | 26.5 | 1.8 | 87.4 | 50 | 17.8 | 10071768 | 32 | 1 | 1.67 | 0.05 | 2.11 | 0.5 | 18.1 | 0.5 | 0.25 | 0.25 | 38 |
| SA5101594 | 45 | 0.5 | 35.3 | 2 | 54.3 | 50 | 13.0 | 10071769 | 35 | 1 | 1.63 | 0.05 | 1.98 | 0.5 | 18.5 | 0.5 | 0.25 | 0.25 | 11 |
| SA5101595 | 7 | 0.5 | 14.0 | 0.8 | 27.5 | 50 | 2.5 | 10071771 | 63 | 1 | 1.18 | 0.05 | 1.20 | 0.5 | 11.9 | 0.5 | 0.25 | 0.25 | 26 |
| SA5101596 | 32 | 0.5 | 24.3 | 1.6 | 46.6 | 50 | 14.2 | 10071772 | 35 | 1 | 1.28 | 0.05 | 1.67 | 0.5 | 16.5 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101597 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071773 | 34 | 1 | 1.53 | 0.05 | 1.88 | 0.5 | 16.5 | 0.5 | 0.25 | 0.25 | 17 |
| SA5101598 | 12 | -9 | 10.0 | -9 | 26.1 | -9 | 2.5 | 10071774 | 60 | 1 | 1.24 | 0.05 | 1.42 | 0.5 | 14.3 | 0.5 | 0.25 | 0.25 | 66 |
| SA5101599 | 11 | 0.5 | 17.4 | 1.3 | 32.7 | 50 | 5.0 | 10071775 | 56 | 1 | 2.64 | 0.05 | 3.12 | 0.5 | 25.2 | 0.5 | 0.25 | 0.25 | 100 |
| SA5101600 | 21 | 0.5 | 39.0 | 2.8 | 57.1 | 50 | 14.6 | 10071776 | 93 | 1 | 1.80 | 0.05 | 1.80 | 0.5 | 16.3 | 0.5 | 0.25 | 1.94 | 31 |
| SA5101601 | 11 | 0.5 | 18.0 | 1.2 | 34.8 | 50 | 6.7 | 10071777 | 68 | 1 | 2.09 | 0.05 | 2.07 | 0.5 | 18.5 | 0.5 | 0.25 | 0.25 | 39 |
| SA5101602 | 16 | 0.5 | 12.1 | 0.8 | 35.7 | 50 | 4.4 | 10071778 | 19 | 1 | 0.81 | 0.05 | 0.76 | 0.5 | 8.0 | 0.5 | 0.25 | 0.25 | 14 |
| SA5101603 | 8 | 0.5 | 6.8 | 0.6 | 23.6 | 50 | 3.8 | 10071779 | 24 | 1 | 1.47 | 0.05 | 1.88 | 0.5 | 18.4 | 0.5 | 0.25 | 0.25 | 39 |
| SA5101604 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071781 | 266 | 1 | 0.38 | 0.05 | 0.43 | 0.5 | 8.4 | 0.5 | 0.25 | 0.25 | 63 |
| SA5101605 | 20 | 0.5 | 20.6 | 1 | 24.0 | 50 | 5.5 | 10071782 | 31 | 1 | 1.04 | 0.05 | 1.70 | 0.5 | 15.9 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101606 | 18 | 0.5 | 12.9 | 0.25 | 42.9 | 50 | 13.7 | 10071783 | 34 | 1 | 0.89 | 0.05 | 1.69 | 0.5 | 16.2 | 0.5 | 1.5 | 1.22 | 54 |
| SA5101607 | 23 | 0.5 | 13.5 | 0.9 | 42.3 | 50 | 5.0 | 10071784 | 16 | 1 | 1.30 | 0.05 | 2.33 | 0.5 | 19.6 | 0.5 | 0.25 | 0.25 | 59 |
| SA5101608 | 5 | 0.5 | 4.3 | 0.25 | 18.1 | 50 | 4.2 | 10071785 | 75 | 1 | 1.07 | 0.05 | 0.59 | 0.5 | 8.1 | 0.5 | 0.25 | 1.10 | 33 |
| SA5101609 | 14 | 0.5 | 13.3 | 0.9 | 38.8 | 50 | 8.9 | 10071786 | 38 | 1 | 0.90 | 0.05 | 1.65 | 0.5 | 15.6 | 0.5 | 0.25 | 0.25 | 46 |
| SA5101610 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071787 | 82 | 1 | 1.05 | 0.05 | 0.85 | 0.5 | 9.4 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101611 | 18 | 0.5 | 9.5 | 0.25 | 30.9 | 50 | 14.6 | 10071788 | 29 | 1 | 0.25 | 0.05 | 0.09 | 0.5 | 3.4 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101612 | 13 | 0.5 | 8.4 | 0.25 | 31.1 | 50 | 3.4 | 10071789 | 60 | 1 | 1.36 | 0.05 | 1.88 | 0.5 | 15.5 | 0.5 | 0.25 | 0.25 | 62 |
| SA5101613 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071791 | 62 | 1 | 4.67 | 0.05 | 2.43 | 0.5 | 21.8 | 0.5 | 0.25 | 0.25 | 161 |
| SA5101614 | 49 | 0.5 | 20.5 | 1.4 | 65.9 | 50 | 19.4 | 10071792 | 63 | 1 | 3.30 | 0.05 | 1.66 | 0.5 | 17.7 | 0.5 | 0.25 | 0.25 | 35 |
| SA5101615 | 15 | 0.5 | 13.8 | 1.1 | 49.1 | 50 | 4.2 | 10071793 | 72 | 1 | 2.94 | 0.05 | 1.32 | 0.5 | 13.5 | 0.5 | 0.5 | 0.25 | 81 |
| SA5101616 | 15 | 0.5 | 8.9 | 0.25 | 47.3 | 50 | 5.7 | 10071794 | 69 | 1 | 3.47 | 0.05 | 2.57 | 0.5 | 20.3 | 0.5 | 0.25 | 0.25 | 145 |
| SA5101617 | 10 | 0.5 | 7.9 | 0.25 | 26.1 | 50 | 3.7 | 10071795 | 55 | 1 | 3.40 | 0.05 | 2.38 | 0.5 | 19.5 | 0.5 | 0.25 | 0.25 | 218 |
| SA5101618 | 7 | 0.5 | 3.4 | 0.6 | 58.1 | 50 | 1.8 | 10071796 | 4 | 1 | 6.26 | 0.05 | 3.94 | 0.5 | 32.6 | 0.5 | 0.25 | 0.25 | 294 |
| SA5101619 | 9 | 0.5 | 4.5 | 0.25 | 14.0 | 50 | 1.9 | 10071797 | 8 | 1 | 3.30 | 0.05 | 3.04 | 0.5 | 23.3 | 0.5 | 0.25 | 0.25 | 554 |

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | 33 | 0.5 | 9.9 | 0.7 | 48.7 | 50 | 19.9 | 10071798 | 77 | 1 | 1.27 | 0.05 | 0.32 | 0.5 | 10.0 | 0.5 | 0.25 | 0.25 | 79 |
| SA5101621 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071799 | 81 | 1 | 1.18 | 0.05 | 0.79 | 0.5 | 8.5 | 0.5 | 0.25 | 0.25 | 28 |
| SA5101622 | 9 | 0.5 | 5.4 | 0.25 | 27.7 | 50 | 3.7 | 10071801 | 52 | 1 | 2.16 | 0.05 | 1.89 | 0.5 | 18.6 | 0.5 | 0.25 | 0.25 | 143 |
| SA5101623 | 5 | 0.5 | 1.4 | 0.25 | 18.1 | 50 | 1.3 | 10071802 | 71 | 1 | 5.46 | 0.05 | 0.78 | 0.5 | 11.0 | 0.5 | 0.25 | 0.25 | 265 |
| SA5101624 | 9 | 0.5 | 2.1 | 0.25 | 16.2 | 50 | 2.5 | 10071803 | 163 | 1 | 3.35 | 0.05 | 1.03 | 0.5 | 11.2 | 0.5 | 0.25 | 3.69 | 395 |
| SA5101625 | 17 | 0.5 | 6.2 | 0.25 | 46.1 | 50 | 5.9 | 10071804 | 35 | 1 | 2.96 | 0.05 | 1.91 | 0.5 | 18.2 | 0.5 | 0.25 | 0.25 | 392 |
| SA5101626 | 8 | 0.5 | 2.5 | 0.25 | 37.2 | 50 | 1.5 | 10071805 | 28 | 1 | 2.47 | 0.05 | 0.94 | 0.5 | 10.9 | 0.5 | 0.25 | 0.25 | 240 |
| SA5101627 | 17 | 0.5 | 7.2 | 0.25 | 34.1 | 50 | 4.0 | 10071806 | 15 | 1 | 1.03 | 0.05 | 2.27 | 0.5 | 20.9 | 0.5 | 0.25 | 0.25 | 17 |
| SA5101628 | 18 | 0.5 | 7.7 | 0.8 | 35.2 | 50 | 6.6 | 10071807 | 23 | 1 | 0.88 | 0.05 | 1.64 | 0.5 | 17.7 | 0.5 | 1.0 | 0.25 | 5 |
| SA5101629 | 17 | 0.5 | 13.0 | 0.9 | 53.2 | 50 | 14.4 | 10071808 | 18 | 1 | 1.45 | 0.05 | 2.91 | 0.5 | 27.8 | 0.5 | 0.25 | 0.25 | 48 |
| SA5101630 | 27 | 0.5 | 8.4 | 0.6 | 47.5 | 50 | 10.0 | 10071809 | 24 | 1 | 1.91 | 0.05 | 2.55 | 0.5 | 22.2 | 0.5 | 0.25 | 0.85 | 25 |
| SA5101631 | 34 | 0.5 | 14.3 | 1.4 | 60.3 | 50 | 25.6 | 10071811 | 20 | 1 | 1.24 | 0.05 | 2.97 | 0.5 | 25.7 | 0.5 | 0.25 | 0.25 | 60 |
| SA5101632 | 31 | 0.5 | 14.1 | 0.25 | 38.1 | 50 | 18.4 | 10071812 | 28 | 1 | 1.79 | 0.05 | 4.45 | 0.5 | 32.9 | 0.5 | 0.6 | 0.25 | 26 |
| SA5101633 | 24 | 0.5 | 10.5 | 0.8 | 49.1 | 50 | 17.9 | 10071813 | 95 | 1 | 1.57 | 0.05 | 1.24 | 0.5 | 13.8 | 0.5 | 0.25 | 0.25 | 188 |
| SA5101634 | 42 | 0.5 | 12.5 | 0.25 | 57.7 | 50 | 9.4 | 10071814 | 20 | 1 | 1.90 | 0.05 | 3.54 | 0.5 | 28.1 | 0.5 | 0.25 | 0.25 | 57 |
| SA5101635 | 12 | 0.5 | 13.5 | 0.25 | 38.6 | 50 | 9.2 | 10071815 | 58 | 1 | 1.30 | 0.05 | 1.84 | 0.5 | 17.0 | 0.5 | 0.6 | 0.25 | 33 |
| SA5101636 | 39 | 0.5 | 20.3 | 0.25 | 75.7 | 50 | 33.1 | 10071816 | 22 | 1 | 1.24 | 0.05 | 2.19 | 0.5 | 20.2 | 0.5 | 0.25 | 0.25 | 23 |
| SA5101637 | 32 | 0.5 | 16.5 | 1.3 | 52.7 | 50 | 35.7 | 10071817 | 24 | 1 | 1.15 | 0.05 | 3.07 | 0.5 | 25.4 | 0.5 | 0.7 | 0.25 | 56 |
| SA5101638 | 7 | 0.5 | 11.3 | 0.25 | 27.0 | 50 | 4.3 | 10071818 | 96 | 1 | 2.25 | 0.05 | 2.16 | 0.5 | 19.0 | 0.5 | 0.8 | 0.25 | 52 |
| SA5101639 | 57 | 0.5 | 38.7 | 3.2 | 91.6 | 50 | 47.5 | 10071819 | 26 | 1 | 1.60 | 0.05 | 2.49 | 0.5 | 23.5 | 0.5 | 0.25 | 0.25 | 66 |
| SA5101640 | 14 | 0.5 | 8.5 | 0.25 | 37.9 | 50 | 6.8 | 10071821 | 28 | 1 | 1.74 | 0.05 | 1.71 | 0.5 | 18.8 | 0.5 | 0.25 | 30.92 | 61 |
| SA5101641 | 2 | 0.5 | 23.8 | 1.9 | 11.2 | 50 | 2.9 | 10071822 | 127 | 1 | 2.38 | 0.05 | 1.64 | 0.5 | 14.7 | 0.5 | 0.25 | 0.25 | 70 |
| SA5101642 | 16 | 0.5 | 19.6 | 1.4 | 42.1 | 50 | 4.7 | 10071823 | 78 | 1 | 1.51 | 0.05 | 1.08 | 0.5 | 11.3 | 0.5 | 0.5 | 0.25 | 64 |
| SA5101643 | 7 | 0.5 | 5.9 | 0.25 | 26.3 | 50 | 6.0 | 10071824 | 82 | 1 | 0.73 | 0.05 | 0.29 | 0.5 | 6.6 | 0.5 | 0.9 | 0.25 | 57 |
| SA5101644 | 40 | 0.5 | 35.2 | 2.7 | 85.7 | 50 | 21.7 | 10071825 | 49 | 1 | 2.21 | 0.05 | 1.48 | 0.5 | 16.5 | 0.5 | 1.3 | 0.25 | 16 |
| SA5101645 | 17 | 0.5 | 14.1 | 0.25 | 34.8 | 50 | 2.4 | 10071826 | 41 | 1 | 1.70 | 0.05 | 1.56 | 0.5 | 16.1 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101646 | 64 | 0.5 | 27.5 | 2.2 | 130.9 | 220 | 48.2 | 10071827 | 39 | 1 | 1.79 | 0.05 | 1.72 | 0.5 | 16.8 | 0.5 | 0.25 | 0.25 | 13 |
| SA5101647 | 14 | 0.5 | 19.0 | 1.2 | 43.1 | 50 | 3.9 | 10071828 | 41 | 1 | 1.97 | 0.05 | 1.71 | 0.5 | 17.4 | 0.5 | 0.25 | 0.25 | 63 |
| SA5101648 | 9 | 0.5 | 10.8 | 0.6 | 24.4 | 50 | 2.9 | 10071829 | 50 | 1 | 2.92 | 0.05 | 2.44 | 0.5 | 19.9 | 0.5 | 0.25 | 0.25 | 57 |
| SA5101649 | 12 | 0.5 | 9.5 | 0.6 | 30.4 | 50 | 4.5 | 10071831 | 30 | 1 | 2.30 | 0.05 | 2.07 | 0.5 | 20.1 | 0.5 | 0.25 | 0.25 | 28 |
| SA5101650 | 12 | 0.5 | 12.0 | 1.1 | 33.2 | 50 | 4.4 | 10071832 | 60 | 1 | 3.34 | 0.05 | 2.18 | 0.5 | 20.2 | 0.5 | 0.25 | 0.25 | 325 |
| SA5101651 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071833 | 17 | 1 | 1.30 | 0.05 | 1.57 | 0.5 | 19.7 | 0.5 | 0.25 | 0.25 | 17 |
| SA5101652 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071834 | 132 | 1 | 0.60 | 0.05 | 0.26 | 0.5 | 7.0 | 0.5 | 0.25 | 0.25 | 19 |
| SA5101653 | 36 | 0.5 | 32.1 | 1.9 | 101.3 | 50 | 13.4 | 10071835 | 36 | 1 | 1.63 | 0.05 | 2.00 | 0.5 | 18.4 | 0.5 | 0.25 | 0.25 | 25 |
| SA5101654 | 22 | 0.5 | 17.3 | 0.6 | 36.9 | 50 | 12.4 | 10071836 | 45 | 1 | 1.75 | 0.05 | 1.65 | 0.5 | 15.5 | 0.5 | 0.25 | 8.64 | 5 |
| SA5101655 | 38 | 0.5 | 28.9 | 2.2 | 96.7 | 260 | 44.4 | 10071837 | 20 | 1 | 1.19 | 0.05 | 1.45 | 0.5 | 14.9 | 0.5 | 0.7 | 0.25 | 11 |
| SA5101656 | 26 | 0.5 | 21.3 | 1.6 | 36.7 | 50 | 4.2 | 10071838 | -9 | -9 | -9 | -9 | 3.04 | -9 | 19.5 | -9 | -9 | -9 | 57 |
| SA5101657 | 9 | 0.5 | 14.0 | 1.1 | 26.7 | 50 | 2.3 | 10071839 | 78 | 1 | 2.11 | 0.05 | 1.93 | 0.5 | 17.8 | 0.5 | 0.25 | 1.20 | 30 |
| SA5101658 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071841 | 173 | 1 | 0.67 | 0.05 | 0.17 | 0.5 | 5.3 | 0.5 | 0.25 | 10.55 | 36 |
| SA5101659 | 20 | 0.5 | 17.4 | 1.2 | 41.0 | 50 | 9.6 | 10071842 | 49 | 1 | 2.57 | 0.05 | 1.80 | 0.5 | 16.6 | 0.5 | 0.7 | 5.95 | 82 |
| SA5101660 | 10 | 0.5 | 16.4 | 1.3 | 22.4 | 50 | 9.1 | 10071843 | 48 | 1 | 0.30 | 0.05 | 0.11 | 0.5 | 4.1 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101661 | 9 | 0.5 | 20.0 | 1.8 | 37.0 | 50 | 6.7 | 10071844 | 43 | 1 | 0.23 | 0.05 | 0.08 | 0.5 | 8.8 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101662 | 16 | 0.5 | 25.9 | 2 | 44.0 | 50 | 5.8 | 10071845 | 44 | 1 | 1.36 | 0.05 | 1.84 | 0.5 | 20.0 | 0.5 | 0.5 | 0.25 | 23 |
| SA5101663 | 14 | 0.5 | 23.5 | 1.2 | 41.4 | 50 | 5.7 | 10071846 | 43 | 1 | 1.19 | 0.05 | 1.81 | 0.5 | 16.1 | 0.5 | 0.25 | 0.25 | 17 |
| SA5101664 | 3 | 0.5 | 7.2 | 0.6 | 14.9 | 50 | 2.0 | 10071847 | 77 | 1 | 1.32 | 0.05 | 1.54 | 0.5 | 13.7 | 0.5 | 0.25 | 0.25 | 83 |
| SA5101665 | 4 | 0.5 | 15.6 | 0.9 | 15.1 | 50 | 2.0 | 10071848 | 92 | 1 | 1.25 | 0.05 | 0.63 | 0.5 | 7.7 | 0.5 | 0.25 | 0.25 | 105 |
| SA5101666 | 42 | 0.5 | 37.5 | 2.5 | 84.9 | 50 | 7.0 | 10071849 | 59 | 1 | 1.57 | 0.05 | 1.43 | 0.5 | 14.6 | 0.5 | 0.25 | 0.25 | 26 |
| SA5101667 | 23 | 0.5 | 10.4 | 0.6 | 40.0 | 160 | 32.7 | 10071851 | 62 | 1 | 0.51 | 0.05 | 0.51 | 0.5 | 6.6 | 0.5 | 0.25 | 1.40 | 51 |
| SA5101668 | 8 | 0.5 | 9.1 | 0.25 | 27.4 | 50 | 15.0 | 10071852 | 69 | 1 | 1.62 | 0.1 | 1.67 | 0.5 | 14.8 | 0.5 | 0.25 | 5.08 | 55 |
| SA5101669 | 12 | 0.5 | 16.2 | 0.9 | 36.2 | 50 | 4.2 | 10071853 | 42 | 1 | 1.00 | 0.05 | 1.58 | 0.5 | 16.0 | 0.5 | 0.25 | 2.72 | 23 |
| SA5101670 | 5 | 0.5 | 11.5 | 0.7 | 26.7 | 50 | 3.6 | 10071854 | 102 | 1 | 1.87 | 0.05 | 1.94 | 0.5 | 18.9 | 0.5 | 0.25 | 5.30 | 117 |
| SA5101671 | 10 | 0.5 | 16.3 | 0.9 | 23.6 | 50 | 7.5 | 10071855 | 45 | 1 | 0.24 | 0.05 | 0.08 | 0.5 | 12.9 | 0.5 | 0.25 | 3.70 | 5 |
| SA5101672 | 13 | 0.5 | 23.4 | 1.5 | 28.9 | 50 | 3.4 | 10071856 | 79 | 1 | 1.11 | 0.05 | 1.26 | 0.5 | 12.7 | 0.5 | 0.25 | 5.68 | 48 |
| SA5101673 | 32 | 0.5 | 30.5 | 2.3 | 58.9 | 50 | 19.4 | 10071857 | 37 | 1 | 1.34 | 0.05 | 1.80 | 0.5 | 13.6 | 0.5 | 0.25 | 4.53 | 67 |
| SA5101674 | 10 | 0.5 | 83.6 | 4.3 | 38.3 | 50 | 10.8 | 10071858 | 53 | 1 | 1.14 | 0.05 | 1.42 | 0.5 | 17.7 | 0.5 | 0.6 | 3.21 | 36 |
| SA5101675 | 18 | 0.5 | 15.1 | 0.9 | 34.2 | 50 | 8.8 | 10071859 | 73 | 1 | 2.02 | 0.1 | 2.11 | 0.5 | 18.9 | 0.5 | 0.25 | 1.99 | 79 |
| SA5101676 | 15 | 0.5 | 11.1 | 0.9 | 31.0 | 50 | 32.0 | 10071861 | 71 | 1 | 2.67 | 0.05 | 2.03 | 0.5 | 19.4 | 0.5 | 0.25 | 0.25 | 59 |
| SA5101677 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071862 | 138 | 1 | 1.66 | 0.05 | 0.89 | 0.5 | 9.7 | 0.5 | 0.25 | 0.99 | 5 |
| SA5101678 | 49 | 1 | 16.0 | 0.9 | 88.4 | 50 | 15.0 | 10071863 | 11 | 1 | 0.76 | 0.05 | 1.86 | 0.5 | 19.7 | 0.5 | 0.25 | 3.61 | 5 |
| SA5101679 | 5 | 0.5 | 1.8 | 0.25 | 22.9 | 50 | 1.7 | 10071864 | 22 | 1 | 1.02 | 0.05 | 2.07 | 0.5 | 19.8 | 0.5 | 0.25 | 2.33 | 13 |
| SA5101680 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071865 | 25 | 1 | 1.46 | 0.05 | 2.21 | 0.5 | 21.4 | 0.5 | 0.25 | 3.89 | 394 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | 12 | 0.5 | 11.7 | 0.6 | 35.5 | 50 | 2.8 | 10071866 | 28 | 1 | 0.52 | 0.05 | 1.80 | 0.5 | 17.7 | 0.5 | 0.25 | 3.61 | 44 |
| SA5101682 | 9 | 0.5 | 6.6 | 0.25 | 31.3 | 50 | 4.6 | 10071867 | 19 | 1 | 1.00 | 0.05 | 2.38 | 0.5 | 22.4 | 0.5 | 0.25 | 5.62 | 19 |
| SA5101683 | 24 | 0.5 | 8.3 | 0.25 | 50.3 | 50 | 5.3 | 10071868 | 25 | 1 | 1.60 | 0.05 | 2.73 | 0.5 | 23.1 | 0.5 | 0.25 | 4.84 | 30 |
| SA5101684 | 24 | 0.5 | 7.9 | 0.25 | 44.3 | 50 | 5.2 | 10071869 | 24 | 1 | 1.79 | 0.1 | 2.77 | 0.5 | 23.0 | 0.5 | 1.0 | 2.87 | 32 |
| SA5101685 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071871 | 123 | 1 | 1.03 | 0.05 | 0.68 | 0.5 | 8.3 | 0.5 | 0.25 | 1.50 | 40 |
| SA5101686 | 8 | 0.5 | 8.0 | 0.25 | 40.6 | 50 | 3.4 | 10071872 | 49 | 1 | 0.76 | 0.05 | 1.15 | 0.5 | 13.0 | 0.5 | 0.9 | 2.32 | 5 |
| SA5101687 | 7 | 0.5 | 5.0 | 0.25 | 20.8 | 50 | 3.0 | 10071873 | 45 | 1 | 1.05 | 0.05 | 2.66 | 0.5 | 23.1 | 0.5 | 0.6 | 4.19 | 11 |
| SA5101688 | 11 | 0.5 | 7.2 | 0.6 | 41.1 | 50 | 5.2 | 10071874 | 25 | 1 | 0.94 | 0.05 | 2.58 | 0.5 | 22.4 | 0.5 | 0.25 | 5.28 | 13 |
| SA5101689 | 15 | 0.5 | 7.0 | 0.7 | 36.6 | 50 | 6.9 | 10071875 | 20 | 1 | 0.89 | 0.05 | 2.44 | 0.5 | 21.6 | 0.5 | 0.25 | 3.15 | 5 |
| SA5101690 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071876 | 23 | 1 | 0.05 | 0.05 | 0.10 | 0.5 | 2.7 | 0.5 | 0.25 | 3.53 | 5 |
| SA5101691 | 4 | 0.5 | 2.9 | 0.25 | 10.4 | 50 | 1.2 | 10071877 | 115 | 1 | 1.01 | 0.05 | 1.09 | 0.5 | 10.1 | 0.5 | 0.25 | 4.85 | 5 |
| SA5101692 | 12 | 0.5 | 5.9 | 0.25 | 23.7 | 50 | 3.2 | 10071878 | 41 | 1 | 2.38 | 0.05 | 2.55 | 0.5 | 20.3 | 0.5 | 0.25 | 7.97 | 238 |
| SA5101693 | 17 | 0.5 | 5.8 | 0.25 | 11.3 | 50 | 5.2 | 10071879 | 94 | 1 | 0.64 | 0.1 | 0.28 | 0.5 | 5.5 | 0.5 | 0.25 | 5.83 | 42 |
| SA5101694 | 20 | 0.5 | 6.5 | 0.6 | 47.3 | 50 | 3.9 | 10071881 | 44 | 1 | 0.88 | 0.05 | 0.44 | 0.5 | 5.8 | 0.5 | 0.25 | 4.89 | 22 |
| SA5101695 | 29 | 0.5 | 5.7 | 0.25 | 40.1 | 50 | 3.5 | 10071882 | 24 | 1 | 2.21 | 0.05 | 2.48 | 0.5 | 21.8 | 0.5 | 0.25 | 2.57 | 80 |
| SA5101696 | 32 | 0.5 | 7.1 | 0.25 | 46.2 | 50 | 7.7 | 10071883 | 29 | 1 | 4.16 | 0.05 | 3.25 | 0.5 | 25.2 | 0.5 | 0.25 | 4.45 | 297 |
| SA5101697 | 15 | 0.5 | 6.6 | 0.25 | 31.8 | 50 | 8.6 | 10071884 | 47 | 1 | 2.31 | 0.05 | 1.67 | 0.5 | 18.4 | 0.5 | 1.2 | 12.91 | 44 |
| SA5101698 | 22 | 0.5 | 8.2 | 0.25 | 41.6 | 50 | 7.6 | 10071885 | 43 | 1 | 3.16 | 0.05 | 2.51 | 0.5 | 20.0 | 0.5 | 0.25 | 7.60 | 258 |
| SA5101699 | 11 | 0.5 | 2.8 | 0.25 | 40.5 | 50 | 3.2 | 10071886 | 86 | 1 | 0.97 | 0.05 | 0.48 | 0.5 | 9.7 | 0.5 | 0.25 | 1.63 | 64 |
| SA5101700 | 4 | 0.5 | 1.4 | 0.25 | 17.2 | 50 | 1.1 | 10071887 | 87 | 1 | 1.38 | 0.05 | 1.38 | 0.5 | 15.5 | 0.5 | 0.25 | 8.10 | 65 |
| SA5101701 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071888 | 29 | 1 | 2.66 | 0.05 | 2.23 | 0.5 | 18.2 | 0.5 | 0.25 | 6.27 | 138 |
| SA5101702 | 6 | 0.5 | 1.4 | 0.25 | 18.0 | 50 | 1.2 | 10071889 | 16 | 1 | 5.10 | 0.1 | 4.64 | 0.5 | 40.1 | 0.5 | 0.25 | 9.20 | 153 |
| SA5101703 | 15 | 0.5 | 5.1 | 0.25 | 41.2 | 50 | 3.4 | 10071891 | 34 | 1 | 2.27 | 0.05 | 1.34 | 0.5 | 24.5 | 0.5 | 0.25 | 5.12 | 99 |
| SA5101704 | 41 | 0.5 | 6.2 | 0.6 | 47.4 | 50 | 6.9 | 10071892 | 28 | 1 | 2.13 | 0.05 | 2.31 | 0.5 | 21.7 | 0.5 | 0.25 | 2.96 | 122 |
| SA5101705 | 16 | 0.5 | 6.5 | 0.5 | 34.5 | 50 | 7.2 | 10071893 | 18 | 1 | 2.72 | 0.05 | 2.34 | 0.5 | 21.9 | 0.5 | 0.25 | 2.68 | 10 |
| SA5101706 | 6 | 0.5 | 1.9 | 0.25 | 20.1 | 50 | 1.0 | 10071894 | 43 | 1 | 1.06 | 0.05 | 1.12 | 0.5 | 12.2 | 0.5 | 0.25 | 2.63 | 102 |
| SA5101707 | 18 | 0.5 | 14.1 | 1.2 | 33.1 | 50 | 7.2 | 10071895 | 49 | 1 | 1.97 | 0.05 | 2.01 | 0.5 | 18.8 | 0.5 | 0.25 | 6.11 | 5 |
| SA5101708 | 22 | 0.5 | 4.3 | 0.25 | 84.0 | 50 | 4.2 | 10071896 | 33 | 1 | 0.51 | 0.05 | 0.35 | 0.5 | 5.5 | 0.5 | 0.25 | 4.18 | 22 |
| SA5101709 | 22 | 0.5 | 8.0 | 0.7 | 48.4 | 50 | 5.6 | 10071897 | 31 | 1 | 1.64 | 0.05 | 1.35 | 0.5 | 14.0 | 0.5 | 0.25 | 2.02 | 185 |
| SA5101710 | 23 | 0.5 | 5.6 | 0.25 | 29.8 | 50 | 10.2 | 10071898 | 42 | 1 | 5.94 | 0.05 | 3.75 | 0.5 | 35.3 | 0.5 | 0.25 | 2.24 | 88 |
| SA5101711 | 108 | 0.5 | 23.3 | 1.7 | 115.0 | 190 | 38.8 | 10071899 | 26 | 1 | 2.19 | 0.05 | 2.80 | 0.5 | 25.8 | 0.5 | 0.25 | 6.44 | 65 |
| SA5101712 | 9 | 0.5 | 1.9 | 0.25 | 27.6 | 50 | 1.3 | 10071901 | 10 | 1 | 1.72 | 0.05 | 1.87 | 0.5 | 19.1 | 0.5 | 1.4 | 2.14 | 95 |
| SA5101713 | 22 | 0.5 | 7.9 | 0.5 | 34.1 | 50 | 2.4 | 10071902 | 60 | 1 | 1.95 | 0.05 | 2.04 | 0.5 | 19.4 | 0.5 | 0.25 | 3.99 | 5 |
| SA5101714 | 25 | 0.5 | 7.3 | 0.6 | 36.9 | 50 | 11.0 | 10071903 | 24 | 1 | 2.68 | 0.05 | 2.66 | 0.5 | 28.3 | 0.5 | 0.25 | 2.03 | 69 |
| SA5101715 | 32 | 0.5 | 9.4 | 0.25 | 32.2 | 50 | 6.1 | 10071904 | 25 | 1 | 3.73 | 0.05 | 2.81 | 0.5 | 25.2 | 0.5 | 0.25 | 4.60 | 280 |
| SA5101716 | 10 | 0.5 | 5.5 | 0.25 | 14.2 | 50 | 3.5 | 10071905 | 25 | 1 | 2.39 | 0.05 | 2.14 | 0.5 | 21.0 | 0.5 | 0.25 | 3.28 | 66 |
| SA5101717 | 10 | 0.5 | 4.2 | 0.25 | 17.8 | 50 | 8.3 | 10071906 | 26 | 1 | 2.38 | 0.05 | 1.98 | 0.5 | 20.2 | 0.5 | 0.25 | 1.76 | 109 |
| SA5101718 | 15 | 0.5 | 3.8 | 0.25 | 26.8 | 50 | 1.3 | 10071907 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101719 | 17 | 0.5 | 9.7 | 0.25 | 34.7 | 50 | 6.2 | 10071908 | 39 | 1 | 1.86 | 0.05 | 1.57 | 0.5 | 16.5 | 0.5 | 0.25 | 4.49 | 21 |
| SA5101720 | 42 | 0.5 | 9.4 | 0.25 | 46.3 | 50 | 15.8 | 10071909 | 32 | 1 | 2.90 | 0.05 | 2.49 | 0.5 | 24.9 | 0.5 | 0.9 | 2.23 | 24 |
| SA5101721 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071911 | 27 | 1 | 0.15 | 0.05 | 0.10 | 0.5 | 3.5 | 0.5 | 0.25 | 1.52 | 5 |
| SA5101722 | 6 | 1 | 2.4 | 0.25 | 29.2 | 50 | 2.1 | 10071912 | 59 | 1 | 1.14 | 0.05 | 0.95 | 0.5 | 11.5 | 0.5 | 0.25 | 9.33 | 109 |
| SA5101723 | 25 | 0.5 | 10.0 | 0.7 | 54.1 | 50 | 12.8 | 10071913 | 30 | 1 | 2.34 | 0.05 | 2.36 | 0.5 | 21.1 | 0.5 | 0.25 | 12.30 | 108 |
| SA5101724 | 16 | 0.5 | 6.0 | 0.25 | 39.1 | 50 | 12.6 | 10071914 | 50 | 1 | 0.70 | 0.05 | 1.07 | 0.5 | 12.8 | 0.5 | 0.25 | 10.13 | 5 |
| SA5101725 | 12 | 0.5 | 2.4 | 0.25 | 18.4 | 50 | 0.5 | 10071915 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101726 | 4 | 0.5 | 5.9 | 0.25 | 23.7 | 50 | 0.5 | 10071916 | 54 | 1 | 0.72 | 0.05 | 1.74 | 0.5 | 17.9 | 0.5 | 0.25 | 3.53 | 15 |
| SA5101727 | 7 | 0.5 | 3.5 | 0.25 | 19.8 | 50 | 0.5 | 10071917 | 26 | 1 | 0.94 | 0.05 | 2.11 | 0.5 | 19.0 | 0.5 | 0.25 | 6.89 | 28 |
| SA5101728 | 40 | 0.5 | 14.2 | 0.7 | 63.4 | 50 | 16.3 | 10071918 | 13 | 1 | 0.86 | 0.05 | 2.21 | 0.5 | 15.8 | 0.5 | 0.25 | 6.51 | 20 |
| SA5101729 | 6 | 0.5 | 4.8 | 0.25 | 19.7 | 50 | 2.0 | 10071919 | 94 | 1 | 1.46 | 0.3 | 1.79 | 0.5 | 16.0 | 0.5 | 0.25 | 9.46 | 19 |
| SA5101730 | 26 | 0.5 | 11.8 | 1 | 39.2 | 180 | 43.1 | 10071921 | 78 | 1 | 1.53 | 0.05 | 1.78 | 0.5 | 7.6 | 0.5 | 0.25 | 2.36 | 36 |
| SA5101731 | 37 | 0.5 | 20.2 | 2 | 76.3 | 170 | 41.6 | 10071922 | 18 | 1 | 0.90 | 0.05 | 1.99 | 0.5 | 5.6 | 0.5 | 0.25 | 2.96 | 23 |
| SA5101732 | 22 | 0.5 | 8.8 | 1 | 25.0 | 320 | 54.3 | 10071923 | 209 | 1 | 0.64 | 0.05 | 0.30 | 0.5 | 6.9 | 0.5 | 0.25 | 0.25 | 21 |
| SA5101733 | 5 | 0.5 | 7.0 | 0.25 | 20.4 | 50 | 3.7 | 10071924 | 76 | 1 | 1.66 | 0.05 | 1.76 | 0.5 | 5.4 | 0.5 | 0.25 | 1.93 | 33 |
| SA5101734 | 7 | 0.5 | 6.8 | 0.25 | 19.5 | 50 | 4.7 | 10071925 | 125 | 1 | 1.44 | 0.05 | 1.29 | 0.5 | 7.8 | 0.5 | 0.25 | 4.55 | 36 |
| SA5101735 | 9 | 0.5 | 5.5 | 0.25 | 19.5 | 50 | 8.6 | 10071926 | 123 | 1 | 1.29 | 0.05 | 0.33 | 0.5 | 14.9 | 0.5 | 0.25 | 2.64 | 34 |
| SA5101736 | 18 | 0.5 | 12.2 | 0.8 | 29.8 | 50 | 3.5 | 10071927 | 83 | 1 | 1.53 | 0.05 | 1.11 | 0.5 | 21.0 | 0.5 | 0.25 | 1.22 | 23 |
| SA5101737 | 5 | 0.5 | 3.3 | 0.25 | 17.9 | 50 | 5.4 | 10071928 | 70 | 1 | 2.07 | 0.05 | 1.68 | 0.5 | 4.4 | 0.5 | 0.25 | 7.17 | 81 |
| SA5101738 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071929 | 35 | 1 | 0.07 | 0.05 | 0.08 | 0.5 | 5.2 | 0.5 | 0.25 | 2.75 | 5 |
| SA5101739 | 14 | 0.5 | 11.4 | 0.7 | 38.9 | 50 | 6.0 | 10071931 | 80 | 1 | 1.01 | 0.05 | 0.59 | 0.5 | 20.1 | 0.5 | 0.25 | 0.25 | 27 |
| SA5101740 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071932 | 72 | 1 | 0.28 | 0.05 | 0.33 | 0.5 | 19.8 | 0.5 | 0.9 | 4.85 | 5 |
| SA5101741 | 6 | 0.5 | 4.3 | 0.25 | 19.5 | 50 | 5.1 | 10071933 | 122 | 1 | 1.67 | 0.05 | 0.44 | 0.5 | 7.9 | 0.5 | 0.25 | 2.91 | 72 |

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | 33 | 0.5 | 17.4 | 1.5 | 54.7 | 180 | 33.2 | 10071934 | 52 | 1 | 0.64 | 0.05 | 0.32 | 0.5 | 3.0 | 0.5 | 0.25 | 1.07 | 5 |
| SA5101743 | 11 | 0.5 | 5.8 | 0.6 | 17.0 | 50 | 5.7 | 10071935 | 81 | 1 | 0.55 | 0.05 | 0.40 | 0.5 | 18.0 | 0.5 | 0.25 | 0.25 | 93 |
| SA5101744 | 21 | 0.5 | 6.7 | 0.8 | 54.8 | 50 | 9.8 | 10071936 | 57 | 1 | 1.64 | 0.05 | 1.40 | 0.5 | 20.2 | 0.5 | 0.25 | 3.01 | 104 |
| SA5101745 | 66 | 0.5 | 9.1 | 0.8 | 70.1 | 50 | 7.0 | 10071937 | 12 | 1 | 2.37 | 0.05 | 2.12 | 0.5 | 2.8 | 0.5 | 0.25 | 1.67 | 29 |
| SA5101746 | 26 | 0.5 | 9.9 | 0.25 | 35.2 | 50 | 25.7 | 10071938 | 35 | 1 | 0.05 | 0.05 | 0.10 | 0.5 | 23.1 | 0.5 | 0.25 | 1.40 | 5 |
| SA5101747 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071939 | 126 | 1 | 0.32 | 0.05 | 0.16 | 0.5 | 25.8 | 0.5 | 0.6 | 2.46 | 39 |
| SA5101748 | 63 | 0.5 | 15.1 | 1 | 87.9 | 50 | 32.0 | 10071941 | 20 | 1 | 1.80 | 0.05 | 2.18 | 0.5 | 18.7 | 0.5 | 0.25 | 0.25 | 21 |
| SA5101749 | 13 | 0.5 | 6.5 | 0.25 | 29.7 | 50 | 4.8 | 10071942 | 38 | 1 | 1.57 | 0.05 | 1.97 | 0.5 | 27.7 | 0.5 | 0.7 | 3.06 | 62 |
| SA5101750 | 21 | 0.5 | 5.8 | 0.25 | 28.0 | 50 | 22.9 | 10071943 | 122 | 1 | 1.81 | 0.05 | 0.41 | 0.5 | 21.5 | 0.5 | 0.25 | 5.35 | 62 |
| SA5101751 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071944 | 56 | 1 | 0.14 | 0.05 | 0.08 | 0.5 | 36.1 | 0.5 | 0.25 | 0.77 | 5 |
| SA5101752 | 23 | 0.5 | 5.8 | 0.25 | 30.4 | 50 | 6.5 | 10071945 | 22 | 1 | 1.28 | 0.05 | 1.89 | 0.5 | 9.0 | 0.5 | 0.25 | 6.11 | 13 |
| SA5101753 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071946 | 27 | 1 | 3.26 | 0.05 | 2.36 | 0.5 | 16.2 | 0.5 | 0.25 | 0.50 | 72 |
| SA5101754 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071947 | 16 | 1 | 0.05 | 0.05 | 0.11 | 0.5 | 24.1 | 0.5 | 0.25 | 2.19 | 5 |
| SA5101755 | 12 | 0.5 | 9.6 | 0.25 | 32.8 | 50 | 1.7 | 10071948 | 73 | 1 | 3.07 | 0.05 | 2.71 | 0.5 | 25.2 | 0.5 | 0.25 | 1.37 | 49 |
| SA5101756 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071949 | 28 | 1 | 1.81 | 0.05 | 2.78 | 0.5 | 15.7 | 0.5 | 0.25 | 1.53 | 172 |
| SA5101757 | 52 | 0.5 | 27.2 | 1.5 | 24.7 | 50 | 12.3 | 10071951 | 58 | 1 | 1.59 | 0.05 | 1.53 | 0.5 | 18.7 | 0.5 | 0.25 | 2.79 | 164 |
| SA5101758 | 23 | 0.5 | 3.3 | 0.25 | 59.7 | 50 | 3.3 | 10071952 | 10 | 1 | 0.79 | 0.05 | 2.42 | 0.5 | 27.7 | 0.5 | 0.25 | 0.25 | 264 |
| SA5101759 | 29 | 0.5 | 8.7 | 0.7 | 49.7 | 50 | 17.6 | 10071953 | 11 | 1 | 0.76 | 0.05 | 1.74 | 0.5 | 21.5 | 0.5 | 0.25 | 2.57 | 374 |
| SA5101760 | 13 | 2 | 2.9 | 0.25 | 28.6 | 50 | 5.8 | 10071954 | 20 | 1 | 1.97 | 0.05 | 3.09 | 0.5 | 36.1 | 0.5 | 0.25 | 0.61 | 385 |
| SA5101761 | 66 | 0.5 | 12.5 | 1.6 | 59.4 | 270 | 43.7 | 10071955 | 38 | 1 | 0.18 | 0.05 | 0.30 | 0.5 | 9.0 | 0.5 | 0.25 | 2.46 | 293 |
| SA5101762 | 10 | 0.5 | 2.1 | 0.25 | 37.8 | 50 | 1.1 | 10071956 | 39 | 1 | 0.85 | 0.05 | 1.31 | 0.5 | 16.2 | 0.5 | 0.25 | 3.11 | 71 |
| SA5101763 | 46 | 0.5 | 4.7 | 0.25 | 46.5 | 50 | 4.8 | 10071957 | 16 | 1 | 1.86 | 0.05 | 1.83 | 0.5 | 24.1 | 0.5 | 0.25 | 7.52 | 811 |
| SA5101764 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071958 | 19 | 1 | 1.86 | 0.05 | 2.28 | 0.5 | 25.2 | 0.5 | 0.25 | 7.36 | 471 |
| SA5101765 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071959 | 24 | 1 | 0.76 | 0.05 | 0.92 | 0.5 | 15.7 | 0.5 | 0.25 | 1.35 | 139 |
| SA5101766 | 77 | 0.5 | 32.0 | 1.1 | 101.5 | 50 | 17.7 | 10071961 | 13 | 1 | 4.08 | 0.05 | 3.00 | 0.5 | 27.1 | 0.5 | 0.25 | 14.02 | 177 |
| SA5101767 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071962 | 31 | 1 | 0.05 | 0.05 | 0.16 | 0.5 | 3.9 | 0.5 | 0.25 | 0.25 | 20 |
| SA5101768 | 16 | 0.5 | 46.3 | 2.9 | 59.1 | 50 | 7.8 | 10071963 | 43 | 1 | 3.99 | 0.05 | 2.91 | 0.5 | 25.3 | 0.5 | 0.25 | 1.51 | 181 |
| SA5101769 | 20 | 0.5 | 34.8 | 2.5 | 54.6 | 50 | 4.4 | 10071964 | 70 | 1 | 3.91 | 0.05 | 2.01 | 0.5 | 19.7 | 0.5 | 0.25 | 2.10 | 163 |
| SA5101770 | 23 | 0.5 | 23.9 | 2.1 | 30.0 | 50 | 2.9 | 10071965 | 85 | 1 | 4.53 | 0.05 | 1.77 | 0.5 | 17.1 | 0.5 | 0.25 | 2.37 | 275 |
| SA5101771 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071966 | 84 | 1 | 0.35 | 0.05 | 0.17 | 0.5 | 4.7 | 0.5 | 0.25 | 1.40 | 16 |
| SA5101772 | 14 | 0.5 | 29.3 | 2.4 | 24.7 | 50 | 3.0 | 10071967 | 58 | 1 | 2.19 | 0.05 | 0.94 | 0.5 | 10.4 | 0.5 | 0.25 | 3.18 | 156 |
| SA5101773 | 11 | 0.5 | 6.9 | 0.25 | 31.1 | 50 | 3.1 | 10071968 | 69 | 1 | 1.27 | 0.05 | 0.62 | 0.5 | 8.4 | 0.5 | 0.25 | 0.59 | 103 |
| SA5101774 | 6 | 0.5 | 6.1 | 0.25 | 20.9 | 50 | 0.5 | 10071969 | 70 | 1 | 2.30 | 0.05 | 0.91 | 0.5 | 10.4 | 0.5 | 0.25 | 0.25 | 210 |
| SA5101775 | 26 | 0.5 | 29.6 | 2.3 | 60.2 | 50 | 5.2 | 10071971 | 70 | 1 | 3.51 | 0.05 | 2.32 | 0.5 | 17.9 | 0.5 | 0.25 | 0.67 | 222 |
| SA5101776 | 16 | 0.5 | 21.0 | 0.9 | 41.7 | 50 | 5.5 | 10071972 | 120 | 1 | 1.93 | 0.05 | 1.12 | 0.5 | 12.5 | 0.5 | 0.25 | 0.25 | 44 |
| SA5101777 | 13 | 0.5 | 3.7 | 0.25 | 25.4 | 50 | 3.2 | 10071973 | 89 | 1 | 0.20 | 0.05 | 0.27 | 0.5 | 5.1 | 0.5 | 0.25 | 0.25 | 92 |
| SA5101778 | 17 | 0.5 | 24.4 | 1.4 | 54.8 | 50 | 5.9 | 10071974 | 68 | 1 | 2.91 | 0.05 | 2.43 | 0.5 | 23.3 | 0.5 | 0.25 | 0.25 | 188 |
| SA5101779 | 27 | 0.5 | 58.2 | 4.6 | 84.7 | 50 | 11.2 | 10071975 | 80 | 1 | 1.32 | 0.05 | 1.19 | 0.5 | 13.1 | 0.5 | 0.25 | 2.20 | 44 |
| SA5101780 | 17 | 0.5 | 10.2 | 0.8 | 17.6 | 50 | 5.1 | 10071976 | 50 | 1 | 6.96 | 0.05 | 0.82 | 0.5 | 11.8 | 0.5 | 0.25 | 0.25 | 158 |
| SA5101781 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071977 | 11 | 1 | 4.94 | 0.05 | 3.50 | 0.5 | 31.9 | 0.5 | 0.25 | 0.25 | 542 |
| SA5101782 | 15 | 0.5 | 7.8 | 0.5 | 15.2 | 50 | 5.1 | 10071978 | 49 | 1 | 2.82 | 0.05 | 2.02 | 0.5 | 19.3 | 0.5 | 0.25 | 1.16 | 115 |
| SA5101783 | 28 | 0.5 | 9.6 | 0.5 | 50.8 | 50 | 4.5 | 10071979 | 63 | 1 | 3.95 | 0.05 | 1.77 | 0.5 | 18.5 | 0.5 | 0.25 | 0.25 | 579 |
| SA5101784 | 15 | 0.5 | 10.5 | 0.9 | 36.8 | 50 | 1.9 | 10071981 | 94 | 1 | 1.87 | 0.05 | 0.84 | 0.5 | 12.0 | 0.5 | 0.25 | 0.25 | 30 |
| SA5101785 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071982 | 87 | 1 | 0.39 | 0.05 | 0.18 | 0.5 | 7.9 | 0.5 | 0.6 | 0.25 | 17 |
| SA5101786 | 69 | 0.5 | 6.1 | 0.6 | 44.2 | 50 | 8.5 | 10071983 | 18 | 1 | 0.18 | 0.05 | 0.44 | 0.5 | 6.9 | 0.5 | 0.25 | 0.25 | 76 |
| SA5101787 | 30 | 0.5 | 7.1 | 0.6 | 38.4 | 50 | 7.2 | 10071984 | 18 | 1 | 2.00 | 0.05 | 2.34 | 0.5 | 25.3 | 0.5 | 0.25 | 0.25 | 171 |
| SA5101788 | 16 | 0.5 | 4.0 | 0.8 | 20.4 | 50 | 9.3 | 10071985 | 179 | 1 | 0.52 | 0.05 | 0.28 | 0.5 | 7.4 | 0.5 | 0.25 | 0.25 | 50 |
| SA5101789 | 18 | 0.5 | 2.4 | 0.25 | 59.3 | 50 | 4.3 | 10071986 | 35 | 1 | 1.58 | 0.05 | 2.22 | 0.5 | 22.6 | 0.5 | 0.25 | 0.25 | 385 |
| SA5101790 | 24 | 0.5 | 5.5 | 0.25 | 33.1 | 50 | 14.7 | 10071987 | 29 | 1 | 2.11 | 0.05 | 3.82 | 0.5 | 32.3 | 0.5 | 0.25 | 0.25 | 70 |
| SA5101791 | 6 | 0.5 | 1.9 | 0.25 | 41.2 | 50 | 0.5 | 10071988 | 22 | 1 | 5.66 | 0.05 | 2.82 | 0.5 | 25.3 | 0.5 | 0.25 | 0.25 | 338 |
| SA5101792 | 42 | 0.5 | 13.1 | 0.8 | 67.9 | 50 | 12.4 | 10071989 | 12 | 1 | 5.05 | 0.05 | 4.03 | 0.5 | 32.0 | 0.5 | 0.25 | 0.25 | 451 |
| SA5101793 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071991 | 18 | 1 | 6.03 | 0.05 | 4.42 | 0.5 | 32.4 | 0.5 | 0.25 | 0.25 | 397 |
| SA5101794 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071992 | 122 | 1 | 0.63 | 0.05 | 0.25 | 0.5 | 7.9 | 0.5 | 0.25 | 0.25 | 152 |
| SA5101795 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071993 | 266 | 1 | 2.03 | 0.05 | 0.49 | 0.5 | 10.5 | 0.5 | 0.25 | 0.25 | 174 |
| SA5101796 | 18 | 0.5 | 3.7 | 0.25 | 39.2 | 50 | 5.7 | 10071994 | 20 | 1 | 104.73 | 0.05 | 31.41 | 0.5 | 259.0 | 3.4 | 1.3 | 0.25 | 19740 |
| SA5101797 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071995 | 31 | 1 | 2.29 | 0.05 | 1.44 | 0.5 | 14.4 | 0.5 | 0.25 | 0.25 | 133 |
| SA5101798 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071996 | 45 | 1 | 1.67 | 0.05 | 0.66 | 0.5 | 9.6 | 0.5 | 0.25 | 0.25 | 35 |
| SA5101799 | 63 | 0.5 | 27.5 | 2.2 | 122.1 | 50 | 13.8 | 10071997 | 29 | 1 | 1.63 | 0.05 | 1.09 | 0.5 | 12.3 | 0.5 | 0.25 | 0.25 | 57 |
| SA5101800 | 28 | 0.5 | 7.5 | 0.6 | 42.3 | 50 | 10.2 | 10071998 | 20 | 1 | 1.80 | 0.05 | 2.31 | 0.5 | 23.4 | 0.5 | 0.25 | 0.25 | 177 |
| SA5101801 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10071999 | 44 | 1 | 0.76 | 0.05 | 0.32 | 0.5 | 6.6 | 0.5 | 0.25 | 0.25 | 122 |
| SA5101802 | 38 | 0.5 | 21.0 | 1.2 | 45.7 | 50 | 6.6 | 10072001 | 96 | 1 | 3.26 | 0.05 | 1.10 | 0.5 | 11.8 | 0.5 | 0.25 | 0.25 | 137 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | 12 | 0.5 | 7.3 | 0.25 | 32.8 | 50 | 2.5 | 10072002 | 45 | 1 | 3.85 | 0.05 | 1.74 | 0.5 | 18.9 | 0.5 | 0.25 | 0.25 | 384 |
| SA5101804 | 18 | 0.5 | 7.7 | 0.25 | 44.7 | 50 | 4.0 | 10072003 | 70 | 1 | 2.89 | 0.05 | 1.73 | 0.5 | 18.0 | 0.5 | 0.25 | 0.25 | 136 |
| SA5101805 | 19 | 0.5 | 7.6 | 0.6 | 42.9 | 50 | 3.8 | 10072004 | 70 | 1 | 3.90 | 0.05 | 1.42 | 0.5 | 17.8 | 0.5 | 0.25 | 0.25 | 155 |
| SA5101806 | 22 | 0.5 | 7.9 | 0.25 | 50.0 | 50 | 7.3 | 10072005 | 46 | 1 | 3.15 | 0.05 | 1.78 | 0.5 | 18.9 | 0.5 | 0.25 | 0.25 | 65 |
| SA5101807 | 13 | -9 | 5.0 | -9 | 36.3 | -9 | 2.1 | 10072006 | 57 | 1 | 0.99 | 0.05 | 0.23 | 0.5 | 5.1 | 0.5 | 0.25 | 0.25 | 56 |
| SA5101808 | 11 | 0.5 | 7.6 | 0.25 | 49.3 | 50 | 1.6 | 10072007 | 20 | 1 | 5.50 | 0.05 | 3.25 | 0.5 | 26.3 | 0.5 | 0.25 | 0.25 | 409 |
| SA5101809 | 12 | 0.5 | 5.6 | 0.25 | 41.2 | 50 | 0.5 | 10072008 | 45 | 1 | 5.75 | 0.05 | 3.75 | 0.5 | 28.3 | 0.5 | 0.25 | 0.25 | 451 |
| SA5101810 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072009 | 10 | 1 | 2.49 | 0.05 | 1.84 | 0.5 | 18.1 | 0.5 | 0.25 | 0.25 | 48 |
| SA5101811 | 28 | 0.5 | 5.7 | 0.25 | 62.8 | 50 | 7.8 | 10072011 | 36 | 1 | 3.48 | 0.05 | 2.41 | 0.5 | 22.0 | 0.5 | 0.25 | 0.25 | 145 |
| SA5101812 | 38 | 0.5 | 7.3 | 0.6 | 58.4 | 50 | 4.6 | 10072012 | 15 | 1 | 3.00 | 0.05 | 1.21 | 0.5 | 19.9 | 0.5 | 0.25 | 0.25 | 58 |
| SA5101813 | 24 | 0.5 | 8.7 | 0.6 | 40.9 | 50 | 7.2 | 10072013 | 39 | 1 | 2.88 | 0.3 | 1.59 | 0.5 | 15.9 | 0.5 | 2.2 | 1.35 | 18 |
| SA5101814 | 19 | 0.5 | 6.7 | 0.6 | 42.8 | 50 | 3.4 | 10072014 | 65 | 1 | 3.24 | 0.2 | 2.12 | 0.5 | 19.5 | 0.5 | 0.25 | 0.25 | 34 |
| SA5101815 | 20 | 0.5 | 9.5 | 0.25 | 45.8 | 50 | 3.2 | 10072015 | 41 | 1 | 1.95 | 0.1 | 1.17 | 0.5 | 14.0 | 0.5 | 0.6 | 0.91 | 5 |
| SA5101816 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072016 | 117 | 1 | 1.11 | 0.05 | 0.59 | 0.5 | 9.3 | 0.5 | 2.0 | 0.80 | 20 |
| SA5101817 | 18 | 0.5 | 9.9 | 0.8 | 37.1 | 50 | 4.5 | 10072017 | 94 | 1 | 2.63 | 0.05 | 1.69 | 0.5 | 18.3 | 0.5 | 1.2 | 0.25 | 61 |
| SA5101818 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072018 | 170 | 1 | 1.46 | 0.05 | 0.60 | 0.5 | 9.7 | 0.5 | 0.7 | 0.25 | 110 |
| SA5101819 | 14 | 0.5 | 4.0 | 0.25 | 22.3 | 50 | 2.0 | 10072019 | 71 | 1 | 1.41 | 0.05 | 0.56 | 0.5 | 7.5 | 0.5 | 0.25 | 0.25 | 94 |
| SA5101820 | 17 | 0.5 | 10.8 | 0.7 | 39.8 | 50 | 5.3 | 10072021 | 98 | 1 | 2.80 | 0.05 | 1.78 | 0.5 | 19.8 | 0.5 | 1.2 | 0.25 | 55 |
| SA5101821 | 8 | 0.5 | 2.9 | 0.25 | 26.0 | 50 | 1.2 | 10072022 | 49 | 1 | 1.51 | 0.05 | 1.12 | 0.5 | 15.4 | 0.5 | 0.6 | 0.25 | 45 |
| SA5101822 | 9 | 0.5 | 4.7 | 0.25 | 13.6 | 50 | 0.5 | 10072023 | 42 | 1 | 5.40 | 0.1 | 2.18 | 0.5 | 20.6 | 0.5 | 0.25 | 0.25 | 331 |
| SA5101823 | 20 | 0.5 | 10.2 | 0.25 | 56.3 | 50 | 3.9 | 10072024 | 65 | 1 | 3.97 | 0.05 | 2.06 | 0.5 | 19.3 | 0.5 | 0.25 | 0.25 | 161 |
| SA5101824 | 15 | 0.5 | 11.9 | 0.6 | 49.8 | 50 | 4.0 | 10072025 | 124 | 1 | 3.28 | 0.05 | 1.24 | 0.5 | 14.8 | 0.5 | 1.4 | 0.81 | 36 |
| SA5101825 | 28 | 0.5 | 20.6 | 1.4 | 74.6 | 50 | 6.8 | 10072026 | 51 | 1 | 2.56 | 0.05 | 1.16 | 0.5 | 13.8 | 0.5 | 0.25 | 0.25 | 27 |
| SA5101826 | 26 | 0.5 | 7.9 | 1.2 | 78.9 | 50 | 5.5 | 10072027 | 22 | 1 | 4.62 | 0.05 | 2.12 | 0.5 | 19.1 | 0.5 | 0.25 | 0.25 | 156 |
| SA5101827 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072028 | 33 | 1 | 5.06 | 0.05 | 2.80 | 0.5 | 26.7 | 0.5 | 0.25 | 0.25 | 135 |
| SA5101828 | 14 | 0.5 | 7.8 | 0.25 | 68.3 | 50 | 4.0 | 10072029 | 34 | 1 | 2.57 | 0.05 | 1.00 | 0.5 | 11.5 | 0.5 | 0.25 | 1.48 | 193 |
| SA5101829 | 23 | 0.5 | 11.7 | 0.8 | 51.5 | 50 | 6.3 | 10072031 | 74 | 1 | 5.85 | 0.05 | 1.19 | 0.5 | 11.3 | 0.5 | 0.25 | 9.32 | 318 |
| SA5101830 | 17 | 0.5 | 7.5 | 0.25 | 67.1 | 50 | 2.9 | 10072032 | 34 | 1 | 4.20 | 0.05 | 1.95 | 0.5 | 27.5 | 0.5 | 0.25 | 3.04 | 303 |
| SA5101831 | 18 | 0.5 | 10.5 | 0.6 | 25.9 | 50 | 5.2 | 10072033 | 52 | 1 | 3.65 | 0.1 | 1.01 | 0.5 | 11.3 | 0.5 | 0.7 | 5.64 | 272 |
| SA5101832 | 15 | 0.5 | 8.2 | 0.6 | 52.1 | 50 | 3.7 | 10072034 | 61 | 1 | 4.51 | 0.05 | 2.36 | 0.5 | 20.9 | 0.5 | 0.25 | 2.12 | 155 |
| SA5101833 | 25 | 0.5 | 145.0 | 13 | 94.1 | 50 | 13.7 | 10072035 | 48 | 1 | 3.43 | 0.05 | 1.75 | 0.5 | 18.4 | 0.5 | 1.0 | 8.06 | 68 |
| SA5101834 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072036 | 20 | 1 | 2.13 | 0.05 | 0.75 | 0.5 | 12.8 | 0.5 | 0.25 | 5.20 | 183 |
| SA5101835 | 18 | 0.5 | 5.5 | 0.25 | 17.5 | 50 | 1.1 | 10072037 | 139 | 1 | 3.92 | 0.05 | 0.74 | 0.5 | 9.6 | 0.5 | 0.25 | 0.25 | 384 |
| SA5101836 | 14 | 0.5 | 6.4 | 0.7 | 89.8 | 50 | 2.0 | 10072038 | 37 | 1 | 2.61 | 0.05 | 1.00 | 0.5 | 23.8 | 0.5 | 0.25 | 0.25 | 201 |
| SA5101837 | 13 | 0.5 | 7.8 | 0.7 | 26.5 | 50 | 3.3 | 10072039 | 106 | 1 | 2.57 | 0.05 | 0.74 | 0.5 | 8.4 | 0.5 | 0.25 | 0.25 | 158 |
| SA5101838 | 34 | 0.5 | 19.4 | 1.3 | 47.8 | 50 | 7.0 | 10072041 | 31 | 1 | 1.41 | 0.05 | 0.22 | 0.5 | 5.2 | 0.5 | 0.25 | 0.25 | 19 |
| SA5101839 | 17 | 0.5 | 15.1 | 0.8 | 52.5 | 50 | 4.3 | 10072042 | 97 | 1 | 3.31 | 0.05 | 1.54 | 0.5 | 17.1 | 0.5 | 0.6 | 0.25 | 72 |
| SA5101840 | 57 | 0.5 | 17.2 | 1.3 | 93.7 | 50 | 21.1 | 10072043 | 31 | 1 | 3.08 | 0.3 | 1.43 | 0.5 | 14.2 | 0.5 | 1.0 | 0.25 | 28 |
| SA5101841 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072044 | 35 | 1 | 2.98 | 0.05 | 1.32 | 0.5 | 12.2 | 0.5 | 0.25 | 0.25 | 47 |
| SA5101842 | 14 | 0.5 | 6.5 | 0.7 | 29.5 | 50 | 1.9 | 10072045 | 77 | 1 | 2.39 | 0.05 | 1.03 | 0.5 | 10.0 | 0.5 | 0.25 | 0.25 | 83 |
| SA5101843 | 21 | 0.5 | 6.5 | 0.25 | 51.3 | 50 | 3.1 | 10072046 | 59 | 1 | 2.90 | 0.05 | 1.78 | 0.5 | 15.0 | 0.5 | 0.25 | 0.25 | 210 |
| SA5101844 | 15 | 0.5 | 3.1 | 0.25 | 31.7 | 50 | 2.2 | 10072047 | 52 | 1 | 3.54 | 0.05 | 1.44 | 0.5 | 14.7 | 0.5 | 0.25 | 0.25 | 150 |
| SA5101845 | 17 | 0.5 | 8.7 | 0.5 | 44.8 | 50 | 3.8 | 10072048 | 38 | 1 | 2.24 | 0.05 | 1.23 | 0.5 | 16.4 | 0.5 | 0.25 | 0.25 | 79 |
| SA5101846 | 11 | 0.5 | 5.4 | 0.25 | 34.4 | 50 | 1.1 | 10072049 | 59 | 1 | 3.69 | 0.05 | 2.32 | 0.5 | 21.1 | 0.5 | 0.25 | 0.25 | 304 |
| SA5101847 | 24 | 0.5 | 10.3 | 1 | 63.2 | 50 | 6.0 | 10072051 | 41 | 1 | 2.25 | 0.05 | 1.21 | 0.5 | 13.2 | 0.5 | 0.25 | 0.59 | 59 |
| SA5101848 | 7 | 0.5 | 3.1 | 0.25 | 14.1 | 50 | 0.5 | 10072052 | 84 | 1 | 3.72 | 0.05 | 1.73 | 0.5 | 19.5 | 0.5 | 0.25 | 0.25 | 253 |
| SA5101849 | 22 | 0.5 | 8.7 | 0.5 | 55.1 | 50 | 3.0 | 10072053 | 73 | 1 | 3.50 | 0.05 | 1.59 | 0.5 | 15.5 | 0.5 | 1.3 | 0.25 | 159 |
| SA5101850 | 25 | 0.5 | 4.4 | 0.5 | 36.7 | 50 | 6.2 | 10072054 | 46 | 1 | 2.07 | 0.05 | 2.62 | 0.5 | 23.3 | 0.5 | 0.25 | 0.25 | 333 |
| SA5101851 | 33 | 0.5 | 3.7 | 0.25 | 20.8 | 50 | 1.5 | 10072055 | 15 | 1 | 5.32 | 0.05 | 3.12 | 0.5 | 28.6 | 0.5 | 0.25 | 0.25 | 626 |
| SA5101852 | 12 | 0.5 | 3.7 | 0.25 | 36.6 | 50 | 5.5 | 10072056 | 5 | 1 | 3.94 | 0.05 | 4.45 | 0.5 | 39.2 | 0.5 | 0.9 | 0.25 | 151 |
| SA5101853 | 16 | 0.5 | 3.7 | 0.25 | 23.5 | 50 | 4.2 | 10072057 | 23 | 1 | 2.35 | 0.05 | 3.00 | 0.5 | 25.8 | 0.5 | 0.25 | 0.25 | 89 |
| SA5101854 | 14 | 0.5 | 4.9 | 0.7 | 75.0 | 50 | 7.7 | 10072058 | 4 | 1 | 3.66 | 0.05 | 4.66 | 0.5 | 41.5 | 0.5 | 0.25 | 0.25 | 563 |
| SA5101855 | 8 | 0.5 | 2.2 | 0.25 | 40.1 | 50 | 1.6 | 10072059 | 17 | 1 | 4.77 | 0.05 | 3.82 | 0.5 | 33.0 | 0.5 | 0.25 | 0.25 | 238 |
| SA5101856 | 12 | 0.5 | 3.5 | 0.25 | 59.1 | 50 | 5.4 | 10072061 | 9 | 1 | 1.81 | 0.05 | 2.78 | 0.5 | 25.7 | 0.5 | 0.25 | 0.25 | 275 |
| SA5101857 | 26 | 0.5 | 4.3 | 0.25 | 34.7 | 50 | 9.7 | 10072062 | 10 | 1 | 2.98 | 0.05 | 4.07 | 0.5 | 35.2 | 0.5 | 1.0 | 0.25 | 39 |
| SA5101858 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072063 | 3 | 1 | 2.83 | 0.05 | 4.29 | 0.5 | 39.3 | 0.5 | 0.25 | 0.25 | 390 |
| SA5101859 | 36 | 0.5 | 13.3 | 1.5 | 56.0 | 50 | 40.0 | 10072064 | 2 | 1 | 3.41 | 0.05 | 3.73 | 0.5 | 34.1 | 0.5 | 0.25 | 0.25 | 60 |
| SA5101860 | 24 | 0.5 | 5.2 | 0.5 | 27.8 | 50 | 1.8 | 10072065 | 9 | 1 | 1.58 | 0.05 | 2.48 | 0.5 | 25.3 | 0.5 | 0.9 | 0.25 | 34 |
| SA5101861 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072066 | 2 | 1 | 1.45 | 0.05 | 2.62 | 0.5 | 30.9 | 0.5 | 0.25 | 0.25 | 129 |
| SA5101862 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072067 | 19 | 1 | 2.61 | 0.05 | 1.84 | 0.5 | 19.4 | 0.5 | 0.25 | 0.25 | 276 |
| SA5101863 | 78 | 0.5 | 13.3 | 1.1 | 69.4 | 50 | 22.5 | 10072068 | 11 | 1 | 2.27 | 0.05 | 2.36 | 0.5 | 25.3 | 0.5 | 0.25 | 0.25 | 90 |

## Appendix 1 - Open File LAB/1616

| FldNum | V2_ppm | W1_ppm | Y2_ppm | Yb1_ppm | Zn2_ppm | Zr1_ppm | Zr2_ppm | WatLabNum | Alw2_ppb | Asw2_ppb | Baw2_ppb | Bew2_ppb | Caw1_ppm | Cdw2_ppb | Conduct_uS | Cow2_ppb | Crw2_ppb | Cuw2_ppb | Few1_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | 31 | 0.5 | 11.5 | 1.2 | 65.8 | 200 | 34.4 | 10072069 | 3 | 1 | 3.58 | 0.05 | 3.63 | 0.5 | 32.1 | 0.5 | 0.25 | 0.25 | 35 |
| SA5101865 | 20 | 0.5 | 8.3 | 0.7 | 82.8 | 50 | 12.3 | 10072071 | 8 | 1 | 3.53 | 0.05 | 3.53 | 0.5 | 30.8 | 0.5 | 0.7 | 0.25 | 55 |
| SA5101866 | 24 | 0.5 | 9.1 | 0.9 | 41.7 | 50 | 24.8 | 10072072 | 26 | 1 | 2.39 | 0.05 | 1.51 | 0.5 | 19.2 | 0.5 | 0.25 | 0.25 | 110 |
| SA5101867 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072073 | 29 | 1 | 0.92 | 0.05 | 0.80 | 0.5 | 10.2 | 0.5 | 0.6 | 0.25 | 124 |
| SA5101868 | 57 | 0.5 | 11.8 | 1.1 | 55.6 | 50 | 18.5 | 10072074 | 17 | 1 | 2.50 | 0.05 | 2.35 | 0.5 | 24.3 | 0.5 | 0.25 | 0.25 | 98 |
| SA5101869 | 21 | 0.5 | 9.4 | 0.9 | 94.7 | 50 | 21.2 | 10072075 | 9 | 1 | 3.77 | 0.05 | 3.31 | 0.5 | 29.2 | 0.5 | 0.25 | 0.25 | 342 |
| SA5101870 | 41 | 0.5 | 14.2 | 1 | 65.4 | 50 | 42.7 | 10072076 | 1 | 1 | 4.42 | 0.05 | 5.35 | 0.5 | 46.0 | 0.5 | 0.6 | 0.25 | 85 |
| SA5101871 | 9 | 0.5 | 4.1 | 0.25 | 33.3 | 50 | 2.9 | 10072077 | 55 | 1 | 1.76 | 0.05 | 1.41 | 0.5 | 13.6 | 0.5 | 0.6 | 0.25 | 39 |
| SA5101872 | 17 | 0.5 | 6.1 | 0.25 | 39.8 | 50 | 9.7 | 10072078 | 43 | 1 | 0.93 | 0.05 | 0.85 | 0.5 | 11.7 | 0.5 | 0.8 | 0.25 | 29 |
| SA5101873 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072079 | 13 | 1 | 0.67 | 0.05 | 2.05 | 0.5 | 25.8 | 0.5 | 0.25 | 0.25 | 199 |
| SA5101874 | 31 | 0.5 | 4.6 | 0.25 | 41.1 | 50 | 3.4 | 10072081 | 33 | 1 | 0.67 | 0.05 | 1.25 | 0.5 | 15.9 | 0.5 | 0.8 | 0.75 | 33 |
| SA5101875 | 14 | 0.5 | 7.0 | 0.25 | 33.0 | 50 | 7.9 | 10072082 | 11 | 1 | 0.66 | 0.05 | 2.35 | 0.5 | 22.9 | 0.5 | 0.25 | 0.25 | 5 |
| SA5101876 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072083 | 36 | 1 | 0.33 | 0.05 | 0.28 | 0.5 | 5.1 | 0.5 | 1.2 | 0.25 | 5 |
| SA5101877 | 8 | 0.5 | 6.8 | 0.5 | 25.9 | 50 | 5.0 | 10072084 | 59 | 1 | 0.34 | 0.05 | 0.28 | 0.5 | 14.6 | 0.5 | 0.5 | 0.25 | 5 |
| SA5101878 | 37 | 0.5 | 17.3 | 1.1 | 78.2 | 50 | 12.7 | 10072085 | 12 | 1 | 1.22 | 0.05 | 1.32 | 0.5 | 15.3 | 0.5 | 0.6 | 0.25 | 55 |
| SA5101879 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | 10072086 | 7 | 1 | 0.98 | 0.05 | 2.27 | 0.5 | 23.8 | 0.5 | 0.9 | 0.25 | 5 |
| SA5101880 | 57 | 0.5 | 13.8 | 1.5 | 68.1 | 220 | 41.8 | 10072087 | 13 | 1 | 1.29 | 0.05 | 2.84 | 0.5 | 28.4 | 0.5 | 1.7 | 0.25 | 62 |
| SA5101881 | 6 | 0.5 | 7.1 | 0.7 | 21.9 | 50 | 3.1 | 10072088 | 82 | 1 | 1.40 | 0.05 | 1.66 | 0.5 | 17.6 | 0.5 | 1.1 | 0.25 | 26 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101071 | 64.8 | 0.15 | 0.55 | 0.82 | 2.52 | 0.5 | 0.71 | 0.5 | 0.5 | 6.47 | 3 | 0.72 | 11.6 | 0.15 | 0.05 | 0.13 | 0.1 | 0.05 | 1 |
| SA5101072 | 37.0 | 0.19 | 0.37 | 0.52 | 0.81 | 0.5 | 0.64 | 0.5 | 0.5 | 6.58 | 3 | 1.28 | 8.4 | 0.18 | 0.05 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101073 | 49.6 | 0.23 | 0.69 | 0.74 | 1.86 | 0.5 | 0.56 | 0.5 | 0.5 | 6.58 | 4 | 0.25 | 7.7 | 0.15 | 0.05 | 0.02 | 0.3 | 0.1 | 0.5 |
| SA5101074 | 12.7 | 0.05 | 0.12 | 0.50 | 1.86 | 0.5 | 0.54 | 0.5 | 0.5 | 6.27 | 3 | 0.28 | 7.2 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101075 | 51.2 | 0.25 | 0.22 | 0.77 | 0.58 | 0.5 | 0.71 | 0.5 | 0.5 | 6.64 | 3 | 1.13 | 8.3 | 0.19 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101076 | 29.5 | 0.10 | 0.05 | 0.37 | 1.00 | 0.5 | 0.52 | 0.5 | 0.5 | 6.16 | 3 | 0.17 | 5.2 | 0.13 | 0.05 | 0.07 | 0.1 | 0.2 | 0.5 |
| SA5101077 | 22.2 | 0.10 | 0.05 | 0.35 | 0.61 | 0.5 | 0.55 | 0.5 | 0.5 | 6.32 | 3 | 0.06 | 5.5 | 0.17 | 0.05 | 0.04 | 0.1 | 0.05 | 0.5 |
| SA5101078 | 38.5 | 0.13 | 0.17 | 0.53 | 1.02 | 0.5 | 0.62 | 0.5 | 0.5 | 6.64 | 3 | 0.86 | 9.7 | 0.19 | 0.05 | 0.14 | 0.2 | 0.05 | 0.5 |
| SA5101079 | 62.6 | 0.15 | 0.27 | 0.82 | 1.94 | 0.5 | 0.67 | 0.5 | 0.5 | 6.63 | 3 | 0.70 | 14.3 | 0.14 | 0.05 | 0.23 | 0.1 | 0.2 | 0.5 |
| SA5101080 | 11.2 | 0.09 | 0.05 | 0.45 | 0.93 | 0.5 | 0.38 | 0.5 | 0.5 | 6.13 | 3 | 0.005 | 5.1 | 0.12 | 0.05 | 0.01 | 0.2 | 0.3 | 0.5 |
| SA5101081 | 41.5 | 0.22 | 0.16 | 0.70 | 3.95 | 0.5 | 0.65 | 0.5 | 0.5 | 6.61 | 3 | 0.57 | 12.3 | 0.19 | 0.05 | 0.03 | 0.1 | 0.2 | 0.5 |
| SA5101082 | 60.0 | 0.19 | 0.28 | 0.73 | 1.59 | 0.5 | 0.66 | 0.5 | 0.5 | 6.63 | 3 | 0.92 | 13.3 | 0.22 | 0.05 | 0.05 | 0.7 | 0.2 | 0.5 |
| SA5101083 | 7.3 | 0.13 | 0.05 | 0.14 | 0.90 | 0.5 | 0.29 | 0.5 | 0.5 | 6.01 | 3 | 0.05 | 2.6 | 0.16 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101084 | 14.1 | 0.14 | 0.05 | 0.40 | 0.76 | 0.5 | 0.57 | 0.5 | 0.5 | 6.63 | 3 | 0.86 | 9.3 | 0.20 | 0.05 | 0.10 | 0.5 | 0.05 | 0.5 |
| SA5101085 | 41.7 | 0.18 | 0.05 | 0.51 | 0.62 | 0.5 | 0.61 | 0.5 | 0.5 | 6.58 | 3 | 0.85 | 9.4 | 0.18 | 0.05 | 0.08 | 0.1 | 0.1 | 0.5 |
| SA5101086 | 29.1 | 0.16 | 0.21 | 0.63 | 1.65 | 0.5 | 0.80 | 0.5 | 0.5 | 6.49 | 3 | 2.30 | 12.4 | 0.29 | 0.3 | 0.17 | 0.2 | 0.05 | 0.5 |
| SA5101087 | 49.1 | 0.24 | 0.36 | 0.44 | 0.25 | 0.5 | 0.72 | 0.5 | 0.5 | 6.76 | 3 | 1.49 | 13.1 | 0.33 | 0.05 | 0.06 | 0.1 | 0.05 | 0.5 |
| SA5101088 | 31.2 | 0.14 | 0.31 | 0.50 | 0.86 | 0.5 | 0.60 | 0.5 | 0.5 | 6.41 | 3 | 0.24 | 9.0 | 0.16 | 0.05 | 0.04 | 0.1 | 0.2 | 0.5 |
| SA5101089 | 32.1 | 0.12 | 0.23 | 0.93 | 4.17 | 0.5 | 0.74 | 0.5 | 0.5 | 6.79 | 3 | 1.31 | 15.5 | 0.16 | 0.05 | 0.06 | 0.1 | 0.3 | 0.5 |
| SA5101090 | 0.5 | 0.07 | 0.05 | 0.22 | 2.29 | 0.5 | 0.36 | 0.5 | 0.5 | 5.66 | 3 | 0.005 | 3.9 | 0.09 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101091 | 29.3 | 0.11 | 0.78 | 1.00 | 9.64 | 0.5 | 0.67 | 0.5 | 0.5 | 6.75 | 3 | 1.52 | 16.8 | 0.15 | 0.05 | 0.03 | 0.7 | 0.1 | 0.5 |
| SA5101092 | 36.0 | 0.15 | 0.94 | 0.64 | 4.81 | 0.5 | 0.69 | 1.5 | 0.5 | 6.73 | 3 | 1.28 | 12.2 | 0.19 | 0.05 | 0.07 | 0.2 | 0.1 | 0.5 |
| SA5101093 | 41.8 | 0.14 | 0.24 | 0.69 | 11.21 | 0.5 | 0.67 | 0.5 | 0.5 | 6.59 | 3 | 1.60 | 13.9 | 0.23 | 0.1 | 0.09 | 0.6 | 0.3 | 0.5 |
| SA5101094 | 4.3 | 0.09 | 0.73 | 0.24 | 2.55 | 0.5 | 0.33 | 3.8 | 0.5 | 5.57 | 4 | 0.02 | 4.5 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101095 | 50.1 | 0.17 | 0.38 | 0.62 | 2.48 | 0.5 | 0.71 | 0.5 | 0.5 | 6.67 | 3 | 1.33 | 11.7 | 0.20 | 0.1 | 0.14 | 0.4 | 0.2 | 0.5 |
| SA5101096 | 20.4 | 0.12 | 0.05 | 0.81 | 7.53 | 0.5 | 0.61 | 0.5 | 0.5 | 6.50 | 3 | 1.90 | 12.6 | 0.18 | 0.2 | 0.03 | 0.9 | 0.1 | 0.5 |
| SA5101097 | 28.7 | 0.21 | 0.15 | 0.69 | 1.00 | 0.5 | 0.73 | 0.5 | 0.5 | 6.53 | 3 | 2.40 | 11.4 | 0.24 | 0.2 | 0.04 | 0.1 | 0.3 | 0.5 |
| SA5101098 | 54.9 | 0.09 | 0.15 | 0.31 | 0.86 | 0.5 | 0.37 | 0.5 | 0.5 | 6.31 | 3 | 0.21 | 4.5 | 0.08 | 0.05 | 0.02 | 0.4 | 0.05 | 0.5 |
| SA5101099 | 16.8 | 0.14 | 0.16 | 0.60 | 0.63 | 0.5 | 0.61 | 0.5 | 0.5 | 6.63 | 3 | 1.27 | 10.0 | 0.18 | 0.05 | 0.05 | 0.2 | 0.3 | 0.5 |
| SA5101100 | 44.1 | 0.09 | 0.32 | 0.26 | 0.75 | 0.5 | 0.43 | 0.5 | 0.5 | 6.37 | 3 | 0.78 | 5.2 | 0.11 | 0.05 | 0.03 | 0.1 | 0.2 | 0.5 |
| SA5101101 | 42.6 | 0.15 | 0.05 | 0.35 | 0.67 | 0.5 | 0.55 | 0.5 | 0.5 | 6.54 | 3 | 0.99 | 7.9 | 0.19 | 0.05 | 0.02 | 0.1 | 0.4 | 0.5 |
| SA5101102 | 0.5 | 0.05 | 0.42 | 0.14 | 2.82 | 0.5 | 0.21 | 0.5 | 0.5 | 4.77 | 3 | 0.005 | 1.5 | 0.08 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101103 | 2.9 | 0.08 | 0.36 | 0.12 | 1.81 | 0.5 | 0.22 | 0.5 | 0.5 | 5.64 | 3 | 0.005 | 1.9 | 0.10 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101104 | 2.9 | 0.07 | 0.34 | 0.51 | 7.44 | 0.5 | 0.62 | 0.5 | 0.5 | 6.14 | 4 | 1.89 | 11.9 | 0.21 | 0.6 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101105 | 5.4 | 0.05 | 0.41 | 0.44 | 3.63 | 0.5 | 0.54 | 0.5 | 0.5 | 5.98 | 3 | 0.78 | 8.8 | 0.08 | 0.4 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101106 | 4.8 | 0.04 | 0.13 | 0.37 | 2.69 | 0.5 | 0.35 | 0.7 | 0.5 | 6.30 | 4 | 0.005 | 7.3 | 0.10 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101107 | 7.1 | 0.22 | 0.34 | 0.47 | 0.77 | 0.5 | 0.57 | 0.5 | 0.5 | 6.30 | 3 | 0.21 | 5.6 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101108 | 2.9 | 0.12 | 0.47 | 0.45 | 2.18 | 0.5 | 0.49 | 0.5 | 0.5 | 6.12 | 3 | 0.11 | 6.6 | 0.08 | 0.3 | 0.01 | 1.0 | 0.3 | 0.5 |
| SA5101109 | 8.8 | 0.27 | 0.48 | 0.57 | 1.54 | 0.5 | 0.73 | 1.0 | 0.5 | 6.69 | 3 | 0.81 | 9.8 | 0.31 | 0.05 | 0.01 | 0.4 | 0.2 | 0.5 |
| SA5101110 | 2.2 | 0.21 | 0.40 | 0.51 | 2.43 | 0.5 | 0.66 | 0.5 | 0.5 | 6.65 | 3 | 1.24 | 10.6 | 0.26 | 0.1 | 0.01 | 0.3 | 0.1 | 0.5 |
| SA5101111 | 0.5 | 0.06 | 0.23 | 0.13 | 2.51 | 0.5 | 0.35 | 0.5 | 0.5 | 5.16 | 3 | 0.19 | 3.0 | 0.08 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101112 | 28.9 | 0.10 | 0.05 | 0.22 | 1.37 | 0.5 | 0.46 | 0.5 | 0.5 | 6.27 | 3 | 0.59 | 4.7 | 0.13 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101113 | 90.3 | 0.26 | 0.96 | 0.95 | 1.50 | 0.5 | 0.90 | 0.5 | 0.5 | 7.00 | 3 | 2.32 | 15.1 | 0.15 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101114 | 0.5 | 0.11 | 0.39 | 0.12 | 4.91 | 0.5 | 0.43 | 0.5 | 0.5 | 5.73 | 8 | 1.04 | 2.8 | 0.16 | 0.4 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101115 | 41.3 | 0.28 | 0.31 | 0.56 | 4.15 | 0.5 | 0.70 | 0.5 | 0.5 | 6.79 | 3 | 1.09 | 10.2 | 0.29 | 0.1 | 0.01 | 0.5 | 0.2 | 0.5 |
| SA5101116 | 0.5 | 0.06 | 0.19 | 0.05 | 1.24 | 0.5 | 0.19 | 0.5 | 0.5 | 5.71 | 3 | 0.005 | 0.6 | 0.07 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101117 | 11.7 | 0.31 | 0.66 | 0.67 | 3.36 | 0.5 | 0.61 | 2.1 | 0.5 | 6.58 | 4 | 0.24 | 7.2 | 0.13 | 0.1 | 0.01 | 0.3 | 0.05 | 2 |
| SA5101118 | 0.5 | 0.03 | 0.35 | 0.15 | 2.93 | 0.5 | 0.20 | 0.5 | 0.5 | 4.87 | 4 | 0.005 | 1.2 | 0.08 | 0.2 | 0.02 | 0.1 | 0.2 | 1 |
| SA5101119 | 0.5 | 0.03 | 0.31 | 0.16 | 3.56 | 0.5 | 0.44 | 0.5 | 0.5 | 4.74 | 7 | 0.37 | 5.0 | 0.15 | 0.4 | 0.06 | 0.7 | 0.05 | 3 |
| SA5101120 | 0.5 | 0.09 | 0.05 | 0.66 | 3.11 | 0.5 | 0.67 | 0.5 | 0.5 | 6.36 | 3 | 1.47 | 10.8 | 0.20 | 0.3 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101121 | 0.5 | 0.14 | 0.05 | 0.74 | 1.51 | 0.5 | 0.77 | 0.5 | 0.5 | 6.56 | 3 | 2.44 | 12.6 | 0.27 | 0.1 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101122 | 0.5 | 0.17 | 0.17 | 0.97 | 2.39 | 0.5 | 0.59 | 0.6 | 0.5 | 6.90 | 3 | 0.78 | 19.2 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101123 | 0.5 | 0.04 | 0.34 | 0.26 | 5.23 | 0.5 | 0.31 | 0.5 | 0.5 | 5.54 | 4 | 0.06 | 5.5 | 0.07 | 0.3 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101124 | 0.5 | 0.10 | 0.13 | 0.51 | 2.47 | 0.5 | 0.51 | 0.5 | 0.5 | 6.28 | 5 | 0.25 | 8.2 | 0.12 | 0.2 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101125 | 3.6 | 0.11 | 0.12 | 0.23 | 0.79 | 0.5 | 0.38 | 0.5 | 0.5 | 6.45 | 3 | 0.05 | 5.0 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101126 | 35.1 | 0.17 | 0.19 | 0.52 | 1.45 | 0.5 | 0.67 | 0.5 | 0.5 | 6.75 | 3 | 1.12 | 11.0 | 0.18 | 0.05 | 0.08 | 0.1 | 0.1 | 0.5 |
| SA5101127 | 13.1 | 0.18 | 0.59 | 0.54 | 2.25 | 0.5 | 0.70 | 0.5 | 0.5 | 6.84 | 3 | 1.18 | 11.4 | 0.18 | 0.05 | 0.08 | 0.1 | 0.1 | 0.5 |
| SA5101128 | 2.0 | 0.09 | 0.11 | 0.35 | 0.25 | 0.5 | 0.72 | 0.5 | 0.5 | 6.82 | 3 | 1.26 | 5.3 | 0.20 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101129 | 0.5 | 0.04 | 0.33 | 0.12 | 1.32 | 0.5 | 0.32 | 0.5 | 0.5 | 5.72 | 3 | 0.005 | 3.2 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101130 | 21.1 | 0.19 | 0.11 | 0.89 | 0.66 | 0.5 | 0.71 | 0.5 | 0.5 | 6.76 | 3 | 1.66 | 8.8 | 0.20 | 0.1 | 0.04 | 0.1 | 0.3 | 0.5 |
| SA5101131 | 13.6 | 0.15 | 0.17 | 0.41 | 2.34 | 0.5 | 0.53 | 0.5 | 0.5 | 6.61 | 3 | 0.65 | 6.3 | 0.16 | 0.05 | 0.02 | 0.1 | 0.1 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101132 | 98.5 | 0.07 | 0.11 | 0.26 | 1.10 | 0.5 | 0.38 | 0.5 | 0.5 | 5.81 | 3 | 0.31 | 5.0 | 0.08 | 0.3 | 0.01 | 0.3 | 0.1 | 0.5 |
| SA5101133 | 3.2 | 0.08 | 0.05 | 0.34 | 0.53 | 0.5 | 0.51 | 0.5 | 0.5 | 6.28 | 3 | 0.76 | 6.8 | 0.18 | 0.05 | 0.02 | 0.4 | 0.05 | 1 |
| SA5101134 | 0.5 | 0.10 | 0.05 | 0.54 | 2.62 | 0.5 | 0.54 | 0.5 | 0.5 | 6.33 | 4 | 0.23 | 9.0 | 0.11 | 0.1 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101135 | 4.0 | 0.09 | 0.11 | 0.29 | 1.62 | 0.5 | 0.43 | 0.5 | 0.5 | 6.39 | 3 | 0.28 | 5.5 | 0.17 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101136 | 0.5 | 0.01 | 0.17 | 0.30 | 7.69 | 0.5 | 0.16 | 0.5 | 0.5 | 5.32 | 3 | 0.005 | 2.3 | 0.08 | 0.3 | 0.02 | 0.1 | 0.3 | 0.5 |
| SA5101137 | 15.5 | 0.08 | 0.25 | 1.06 | 3.06 | 0.5 | 0.58 | 0.5 | 0.5 | 6.79 | 3 | 0.26 | 11.7 | 0.08 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101138 | 13.2 | 0.04 | 0.34 | 1.05 | 1.51 | 0.5 | 0.53 | 0.5 | 0.5 | 6.61 | 3 | 0.25 | 8.4 | 0.09 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101139 | 12.0 | 0.06 | 0.45 | 0.85 | 1.39 | 0.5 | 0.52 | 0.5 | 0.5 | 6.70 | 3 | 0.005 | 9.9 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101140 | 0.5 | 0.01 | 0.31 | 0.43 | 2.62 | 0.5 | 0.34 | 0.5 | 0.5 | 5.97 | 3 | 0.005 | 4.5 | 0.08 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101141 | 8.8 | 0.06 | 0.75 | 0.63 | 0.89 | 0.5 | 0.50 | 0.5 | 0.5 | 6.70 | 4 | 0.17 | 8.6 | 0.08 | 0.1 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101142 | 3.4 | 0.13 | 0.17 | 0.33 | 1.00 | 0.5 | 0.53 | 0.5 | 0.5 | 6.29 | 3 | 0.10 | 5.5 | 0.23 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101143 | 6.5 | 0.14 | 0.26 | 0.56 | 1.85 | 0.5 | 0.50 | 0.5 | 0.5 | 6.62 | 3 | 0.03 | 8.4 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101144 | 0.5 | 0.08 | 0.59 | 0.40 | 1.68 | 0.5 | 0.66 | 0.5 | 0.5 | 6.22 | 3 | 1.72 | 8.1 | 0.18 | 0.3 | 0.02 | 0.6 | 0.3 | 0.5 |
| SA5101145 | 78.4 | 0.24 | 1.03 | 0.74 | 1.18 | 0.5 | 0.73 | 0.5 | 0.5 | 6.62 | 3 | 0.23 | 9.4 | 0.12 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101146 | 29.2 | 0.14 | 0.23 | 0.43 | 0.81 | 0.5 | 0.41 | 0.5 | 0.5 | 6.43 | 3 | 0.08 | 4.2 | 0.10 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101147 | 26.7 | 0.16 | 0.38 | 0.49 | 4.40 | 0.5 | 0.62 | 0.5 | 0.5 | 6.52 | 3 | 0.80 | 6.8 | 0.16 | 0.05 | 0.02 | 0.6 | 0.1 | 0.5 |
| SA5101148 | 22.0 | 0.15 | 0.33 | 0.58 | 3.68 | 0.5 | 0.65 | 0.5 | 0.5 | 6.53 | 3 | 0.84 | 8.5 | 0.16 | 0.05 | 0.04 | 0.1 | 0.05 | 0.5 |
| SA5101149 | 19.7 | 0.13 | 0.98 | 0.87 | 1.54 | 0.5 | 1.08 | 0.5 | 0.5 | 7.10 | 3 | 0.90 | 29.8 | 0.16 | 0.05 | 0.02 | 0.2 | 0.05 | 1 |
| SA5101150 | 8.3 | 0.11 | 0.22 | 0.63 | 1.04 | 0.5 | 0.54 | 0.5 | 0.5 | 6.66 | 3 | 0.18 | 8.8 | 0.08 | 0.3 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101151 | 34.0 | 0.74 | 0.37 | 0.70 | 2.71 | 0.5 | 0.98 | 0.5 | 0.5 | 6.76 | 6 | 1.37 | 12.0 | 0.43 | 0.2 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101152 | 53.9 | 0.20 | 0.05 | 0.40 | 1.05 | 0.5 | 0.45 | 0.5 | 0.5 | 6.54 | 3 | 0.005 | 5.9 | 0.07 | 0.05 | 0.01 | 0.4 | 0.2 | 0.5 |
| SA5101153 | 66.8 | 0.08 | 0.72 | 0.76 | 2.22 | 0.5 | 0.78 | 0.5 | 0.5 | 6.34 | 4 | 0.38 | 12.7 | 0.09 | 0.4 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101154 | 157.7 | 0.21 | 0.85 | 0.90 | 3.15 | 0.5 | 0.83 | 0.5 | 0.5 | 6.66 | 4 | 0.29 | 14.5 | 0.13 | 0.1 | 0.03 | 0.1 | 0.3 | 0.5 |
| SA5101155 | 270.9 | 0.50 | 1.55 | 0.99 | 1.35 | 0.5 | 0.98 | 0.5 | 0.5 | 6.85 | 4 | 0.28 | 13.6 | 0.15 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101156 | 203.8 | 0.23 | 0.69 | 0.96 | 3.98 | 0.5 | 0.88 | 0.5 | 0.5 | 6.94 | 3 | 0.45 | 15.3 | 0.09 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101157 | 21.5 | 0.06 | 0.15 | 0.28 | 5.51 | 0.5 | 0.29 | 0.5 | 0.5 | 5.68 | 3 | 0.005 | 5.6 | 0.07 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101158 | 0.5 | 0.68 | 1.80 | 1.81 | 17.61 | 0.5 | 1.06 | 0.5 | 0.5 | 7.12 | 3 | 0.21 | 25.4 | 0.25 | 0.05 | 0.04 | 0.1 | 0.1 | 0.5 |
| SA5101159 | 208.0 | 0.44 | 1.29 | 1.20 | 6.07 | 0.5 | 0.98 | 0.5 | 0.5 | 6.88 | 4 | 0.37 | 18.9 | 0.14 | 0.4 | 0.02 | 0.1 | 0.3 | 1 |
| SA5101160 | 39.0 | 0.74 | 1.14 | 0.70 | 2.09 | 0.5 | 0.95 | 0.5 | 0.5 | 6.64 | 3 | 1.36 | 12.4 | 0.41 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101161 | 202.0 | 0.25 | 0.60 | 0.37 | 3.00 | 0.5 | 0.78 | 0.5 | 0.5 | 5.70 | 7 | 0.33 | 7.1 | 0.16 | 0.4 | 0.02 | 1.1 | 0.5 | 1 |
| SA5101162 | 3.8 | 0.05 | 0.41 | 0.07 | 5.34 | 0.5 | 0.25 | 0.5 | 0.5 | 5.25 | 4 | 0.005 | 0.7 | 0.07 | 0.05 | 0.01 | 0.2 | 0.2 | 0.5 |
| SA5101163 | 320.0 | 0.32 | 0.66 | 0.61 | 1.10 | 0.5 | 0.69 | 0.5 | 0.5 | 6.78 | 3 | 0.12 | 8.2 | 0.24 | 0.05 | 0.02 | 0.6 | 0.1 | 0.5 |
| SA5101164 | 161.0 | 0.35 | 0.38 | 0.68 | 2.46 | 0.5 | 0.76 | 0.5 | 0.5 | 6.94 | 3 | 0.80 | 11.2 | 0.23 | 0.1 | 0.02 | 0.1 | 0.1 | 0.5 |
| SA5101165 | 301.0 | 0.63 | 1.30 | 1.00 | 1.54 | 0.5 | 0.98 | 0.5 | 0.5 | 7.10 | 3 | 1.02 | 13.8 | 0.29 | 0.05 | 0.04 | 0.9 | 0.1 | 0.5 |
| SA5101166 | 18.9 | 0.07 | 0.25 | 0.07 | 5.08 | 0.5 | 0.27 | 0.5 | 0.5 | 5.44 | 4 | 0.005 | 0.8 | 0.08 | 0.1 | 0.01 | 0.4 | 0.2 | 1 |
| SA5101167 | 7.4 | 0.04 | 0.38 | 0.04 | 2.36 | 0.5 | 0.15 | 0.5 | 0.5 | 5.25 | 3 | 0.005 | 0.4 | 0.04 | 0.1 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101168 | 14.2 | 0.07 | 0.05 | 0.20 | 0.68 | 0.5 | 0.33 | 0.5 | 0.5 | 6.47 | 4 | 0.09 | 5.8 | 0.08 | 0.4 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101169 | 0.5 | 0.02 | 0.31 | 0.05 | 0.96 | 0.5 | 0.14 | 0.5 | 0.5 | 5.71 | 3 | 0.005 | 0.5 | 0.06 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101170 | 35.3 | 0.30 | 1.55 | 1.09 | 1.85 | 0.5 | 1.25 | 0.5 | 0.5 | 7.29 | 6 | 1.97 | 40.2 | 0.31 | 0.05 | 0.32 | 1.3 | 0.1 | 7 |
| SA5101171 | 15.8 | 0.23 | 1.55 | 0.61 | 0.83 | 0.5 | 0.78 | 0.5 | 0.5 | 7.21 | 6 | 0.32 | 18.7 | 0.51 | 0.1 | 0.03 | 1.2 | 0.05 | 11 |
| SA5101172 | 9.1 | 0.12 | 1.24 | 0.28 | 3.16 | 0.5 | 0.78 | 0.5 | 0.5 | 6.27 | 4 | 0.88 | 8.4 | 0.16 | 0.1 | 0.02 | 0.1 | 0.1 | 4 |
| SA5101173 | 75.2 | 0.22 | 0.76 | 0.43 | 0.25 | 0.5 | 0.67 | 0.5 | 0.5 | 6.67 | 3 | 0.52 | 7.1 | 0.22 | 0.1 | 0.12 | 0.1 | 0.1 | 2 |
| SA5101174 | 17.8 | 0.13 | 0.22 | 0.18 | 2.37 | 0.5 | 1.01 | 0.5 | 0.5 | 5.41 | 4 | 0.02 | 3.0 | 0.18 | 0.1 | 0.01 | 0.1 | 0.1 | 24 |
| SA5101175 | 14.3 | 0.11 | 0.05 | 0.48 | 1.08 | 0.5 | 0.65 | 0.5 | 0.5 | 6.47 | 3 | 0.43 | 8.8 | 0.20 | 0.1 | 0.01 | 0.1 | 0.05 | 9 |
| SA5101176 | 13.7 | 0.08 | 0.05 | 0.32 | 0.97 | 0.5 | 0.53 | 2.7 | 0.5 | 6.51 | 3 | 0.21 | 6.4 | 0.10 | 0.1 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101177 | 42.3 | 0.15 | 0.50 | 0.66 | 5.75 | 0.5 | 1.27 | 3.1 | 0.5 | 6.75 | 5 | 0.17 | 9.2 | 0.21 | 0.2 | 0.01 | 0.2 | 0.05 | 61 |
| SA5101178 | 31.8 | 0.09 | 0.05 | 0.58 | 0.80 | 0.5 | 0.47 | 0.5 | 0.5 | 6.67 | 3 | 0.15 | 6.5 | 0.08 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101179 | 8.1 | 0.12 | 0.05 | 0.48 | 4.53 | 0.5 | 0.93 | 0.5 | 0.5 | 5.65 | 11 | 0.77 | 9.0 | 0.18 | 0.2 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101180 | 42.9 | 0.16 | 0.42 | 0.81 | 3.57 | 0.5 | 0.60 | 0.5 | 0.5 | 6.56 | 8 | 0.30 | 12.7 | 0.15 | 0.2 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101181 | 12.5 | 0.01 | 0.05 | 0.005 | 0.77 | 0.5 | 0.95 | 0.5 | 0.5 | 6.47 | 3 | 0.005 | 5.1 | 0.005 | 0.05 | 0.01 | 0.9 | 0.1 | 0.5 |
| SA5101182 | 9.1 | 0.01 | 0.35 | 0.005 | 0.25 | 0.5 | 0.65 | 0.5 | 0.5 | 6.81 | 3 | 0.005 | 9.5 | 0.005 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101183 | 17.2 | 0.10 | 0.47 | 0.27 | 2.27 | 0.5 | 0.56 | 0.5 | 0.5 | 7.17 | 3 | 0.03 | 14.5 | 0.10 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101184 | 5.8 | 0.01 | 0.39 | 0.005 | 0.25 | 0.5 | 0.95 | 0.5 | 0.5 | 6.84 | 3 | 0.005 | 8.0 | 0.005 | 0.1 | 0.01 | 0.3 | 0.1 | 0.5 |
| SA5101185 | 39.1 | 0.32 | 0.21 | 0.44 | 2.51 | 0.5 | 0.62 | 0.5 | 0.5 | 6.49 | 3 | 0.18 | 7.8 | 0.32 | 0.3 | 0.01 | 0.6 | 0.2 | 0.5 |
| SA5101186 | 27.1 | 0.30 | 0.81 | 0.57 | 1.37 | 0.5 | 0.80 | 0.5 | 0.5 | 6.88 | 5 | 0.65 | 9.1 | 0.22 | 0.2 | 0.10 | 0.1 | 0.05 | 1 |
| SA5101187 | 19.5 | 0.18 | 0.13 | 0.58 | 19.37 | 0.5 | 0.64 | 0.8 | 0.5 | 6.81 | 3 | 0.45 | 8.9 | 0.22 | 0.1 | 0.04 | 0.2 | 0.1 | 2 |
| SA5101188 | 21.4 | 0.18 | 0.31 | 0.54 | 5.89 | 0.5 | 0.63 | 0.5 | 0.5 | 6.71 | 3 | 0.66 | 9.0 | 0.18 | 0.05 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101189 | 45.8 | 0.29 | 0.23 | 0.59 | 1.17 | 0.5 | 0.97 | 0.5 | 0.5 | 6.69 | 3 | 2.53 | 12.6 | 0.21 | 0.4 | 0.05 | 0.1 | 0.05 | 0.5 |
| SA5101190 | 43.8 | 0.27 | 0.39 | 0.83 | 1.24 | 0.5 | 0.98 | 1.1 | 0.5 | 6.65 | 3 | 1.44 | 14.9 | 0.23 | 0.1 | 0.15 | 0.1 | 0.1 | 0.5 |
| SA5101191 | 20.1 | 0.21 | 0.46 | 0.83 | 0.76 | 0.5 | 0.56 | 0.5 | 0.5 | 7.02 | 3 | 0.03 | 23.1 | 0.30 | 0.05 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101192 | 15.9 | 0.19 | 0.20 | 0.31 | 0.25 | 0.5 | 0.41 | 0.5 | 0.5 | 6.67 | 3 | 0.005 | 6.3 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101193 | 1.5 | 0.06 | 0.10 | 0.08 | 0.60 | 0.5 | 0.27 | 0.5 | 0.5 | 6.10 | 5 | 0.10 | 1.5 | 0.09 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101194 | 11.0 | 0.11 | 0.33 | 0.28 | 0.92 | 0.5 | 0.63 | 0.5 | 0.5 | 6.49 | 3 | 1.27 | 8.2 | 0.11 | 0.1 | 0.02 | 0.1 | 0.2 | 0.5 |
| SA5101195 | 18.2 | 0.11 | 0.32 | 0.57 | 1.49 | 0.5 | 0.79 | 0.5 | 0.5 | 6.75 | 6 | 1.19 | 12.6 | 0.13 | 0.4 | 0.04 | 0.1 | 0.1 | 2 |
| SA5101196 | 25.0 | 0.15 | 0.70 | 0.63 | 6.49 | 0.5 | 0.74 | 0.5 | 0.5 | 6.84 | 3 | 0.99 | 12.2 | 0.19 | 0.05 | 0.04 | 0.1 | 0.05 | 0.5 |
| SA5101197 | 14.2 | 0.13 | 0.46 | 0.65 | 0.95 | 0.5 | 0.59 | 2.4 | 0.6 | 6.74 | 4 | 0.01 | 8.3 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101198 | 12.9 | 0.13 | 0.36 | 0.48 | 3.33 | 0.5 | 0.65 | 0.5 | 0.5 | 6.78 | 3 | 0.66 | 13.9 | 0.18 | 0.05 | 0.05 | 0.4 | 0.1 | 4 |
| SA5101199 | 0.5 | 0.08 | 0.34 | 0.29 | 2.93 | 0.5 | 0.52 | 0.5 | 0.5 | 5.69 | 5 | 0.07 | 8.8 | 0.08 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101200 | 10.4 | 0.13 | 0.33 | 0.39 | 0.81 | 0.5 | 0.58 | 0.5 | 0.5 | 6.62 | 3 | 0.12 | 6.4 | 0.12 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101201 | 11.0 | 0.15 | 0.32 | 0.42 | 1.64 | 0.5 | 0.54 | 0.5 | 0.5 | 6.63 | 4 | 0.27 | 7.9 | 0.13 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101202 | 18.2 | 0.11 | 0.42 | 0.52 | 4.29 | 0.5 | 0.49 | 0.7 | 0.5 | 6.62 | 5 | 0.15 | 7.5 | 0.10 | 0.5 | 0.01 | 0.7 | 0.3 | 2 |
| SA5101203 | 21.9 | 0.26 | 0.24 | 0.73 | 3.66 | 0.5 | 0.59 | 0.5 | 0.5 | 6.76 | 3 | 0.80 | 10.2 | 0.30 | 0.1 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101204 | 32.4 | 0.76 | 0.88 | 2.92 | 15.52 | 0.5 | 1.15 | 0.6 | 0.5 | 7.36 | 13 | 1.62 | 28.9 | 0.22 | 0.4 | 0.02 | 0.1 | 0.3 | 8 |
| SA5101205 | 4.7 | 0.17 | 0.64 | 1.47 | 0.25 | 0.5 | 0.88 | 0.5 | 0.5 | 6.82 | 4 | 1.10 | 13.7 | 0.08 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101206 | 16.4 | 0.33 | 0.44 | 2.35 | 2.73 | 0.5 | 0.81 | 0.5 | 0.5 | 7.19 | 5 | 1.56 | 19.8 | 0.15 | 0.05 | 0.01 | 0.7 | 0.05 | 0.5 |
| SA5101207 | 52.8 | 0.19 | 0.78 | 1.83 | 7.62 | 0.5 | 0.86 | 0.5 | 0.5 | 7.21 | 3 | 2.17 | 21.0 | 0.30 | 0.05 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101208 | 24.4 | 0.05 | 0.29 | 2.89 | 4.47 | 0.5 | 0.78 | 0.5 | 0.5 | 7.21 | 3 | 2.21 | 18.9 | 0.08 | 0.05 | 0.02 | 0.1 | 0.05 | 3 |
| SA5101209 | 10.8 | 0.11 | 0.35 | 1.23 | 0.91 | 0.5 | 0.52 | 0.5 | 0.5 | 7.33 | 7 | 0.28 | 8.0 | 0.06 | 0.1 | 0.01 | 0.4 | 0.05 | 4 |
| SA5101210 | 173.9 | 0.26 | 1.35 | 1.29 | 1.95 | 0.5 | 0.89 | 0.5 | 0.5 | 7.19 | 3 | 1.14 | 28.8 | 0.16 | 0.1 | 0.18 | 0.7 | 0.05 | 0.5 |
| SA5101211 | 108.6 | 0.05 | 0.69 | 1.29 | 8.08 | 0.5 | 0.58 | 0.5 | 0.5 | 6.90 | 4 | 0.47 | 10.2 | 0.07 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101212 | 84.2 | 0.08 | 0.74 | 0.66 | 1.39 | 0.5 | 0.66 | 0.5 | 0.5 | 6.76 | 3 | 0.52 | 9.5 | 0.11 | 0.1 | 0.07 | 0.1 | 0.2 | 1 |
| SA5101213 | 79.5 | 0.10 | 0.75 | 2.83 | 3.47 | 0.5 | 0.55 | 0.5 | 0.6 | 7.09 | 5 | 1.04 | 12.8 | 0.08 | 0.3 | 0.01 | 0.3 | 0.1 | 5 |
| SA5101214 | 139.4 | 0.20 | 0.79 | 2.41 | 3.87 | 0.5 | 0.81 | 0.5 | 0.5 | 7.12 | 7 | 0.95 | 16.3 | 0.12 | 0.05 | 0.02 | 0.1 | 0.05 | 9 |
| SA5101215 | 77.4 | 0.10 | 0.18 | 1.61 | 1.15 | 0.5 | 0.56 | 0.5 | 0.5 | 6.90 | 7 | 1.65 | 11.6 | 0.09 | 0.1 | 0.01 | 0.7 | 0.3 | 2 |
| SA5101216 | 8.4 | 0.07 | 0.30 | 0.27 | 0.84 | 0.5 | 0.46 | 0.9 | 0.5 | 6.09 | 6 | 0.005 | 4.6 | 0.14 | 0.05 | 0.01 | 0.2 | 0.05 | 3 |
| SA5101217 | 30.3 | 15.07 | 0.28 | 16.04 | 247.16 | 0.5 | 15.93 | 0.5 | 0.5 | 6.74 | 3 | 14.90 | 7.7 | 12.14 | 0.1 | 0.01 | 0.9 | 0.1 | 0.5 |
| SA5101218 | 37.8 | 0.02 | 0.14 | 0.50 | 0.59 | 0.5 | 1.75 | 0.5 | 0.5 | 7.02 | 3 | 0.005 | 16.2 | 0.03 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101219 | 29.0 | 0.01 | 0.76 | 0.15 | 0.25 | 0.5 | 1.62 | 0.5 | 0.5 | 7.21 | 3 | 0.005 | 29.5 | 0.03 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101220 | 115.8 | 0.01 | 0.69 | 0.60 | 0.25 | 0.5 | 1.77 | 0.5 | 0.5 | 6.86 | 4 | 0.29 | 15.1 | 0.005 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101221 | 59.7 | 0.11 | 0.57 | 0.80 | 1.27 | 0.5 | 1.86 | 0.5 | 0.5 | 6.70 | 6 | 0.32 | 11.8 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101222 | 3.9 | 0.10 | 0.10 | 0.77 | 1.62 | 0.5 | 1.89 | 0.5 | 0.5 | 6.52 | 3 | 0.26 | 5.8 | 0.005 | 0.4 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101223 | 153.9 | 0.01 | 0.46 | 0.50 | 0.97 | 0.5 | 1.73 | 4.8 | 0.5 | 6.92 | 3 | 0.06 | 13.3 | 0.01 | 0.2 | 1.90 | 0.1 | 0.05 | 0.5 |
| SA5101224 | 0.5 | 0.02 | 0.64 | 0.27 | 0.90 | 0.5 | 1.62 | 0.5 | 0.5 | 6.47 | 6 | 0.005 | 7.2 | 0.005 | 0.2 | 0.08 | 0.1 | 0.1 | 3 |
| SA5101225 | 63.9 | 0.01 | 0.51 | 0.21 | 0.25 | 0.5 | 1.70 | 0.5 | 0.5 | 6.98 | 7 | 0.005 | 11.4 | 0.01 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101226 | 68.9 | 0.01 | 0.56 | 0.32 | 0.25 | 0.5 | 1.71 | 0.5 | 0.5 | 6.98 | 3 | 0.005 | 31.1 | 0.005 | 0.05 | 0.06 | 0.4 | 0.05 | 0.5 |
| SA5101227 | 74.1 | 0.01 | 0.61 | 0.31 | 0.25 | 0.5 | 1.65 | 0.5 | 0.5 | 7.15 | 4 | 0.03 | 17.4 | 0.005 | 0.05 | 0.12 | 0.2 | 0.05 | 0.5 |
| SA5101228 | 63.7 | 0.32 | 0.54 | 0.02 | 4.07 | 0.5 | 1.68 | 0.5 | 0.5 | 6.93 | 3 | 0.005 | 13.2 | 0.005 | 0.1 | 0.02 | 0.1 | 0.2 | 0.5 |
| SA5101229 | 168.5 | 0.20 | 0.46 | 1.74 | 1.36 | 0.5 | 0.89 | 0.5 | 0.5 | 7.15 | 3 | 2.58 | 13.9 | 0.22 | 0.05 | 0.03 | 0.1 | 0.1 | 0.5 |
| SA5101230 | 132.8 | 0.23 | 0.05 | 1.94 | 3.39 | 0.5 | 0.89 | 0.5 | 0.5 | 7.08 | 3 | 1.59 | 12.8 | 0.24 | 0.05 | 0.01 | 0.4 | 0.05 | 5 |
| SA5101231 | 131.7 | 0.16 | 0.49 | 1.84 | 4.3 | 0.5 | 0.85 | 0.5 | 0.5 | 7.09 | 5 | 1.72 | 12.6 | 0.23 | 0.1 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101232 | 114.7 | 0.25 | 0.47 | 0.88 | 0.76 | 0.5 | 0.78 | 0.5 | 0.5 | 6.99 | 4 | 2.46 | 9.8 | 0.30 | 0.1 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101233 | 54.8 | 0.06 | 0.32 | 0.22 | 0.69 | 0.5 | 0.14 | 0.5 | 0.5 | 6.17 | 5 | 0.13 | 1.2 | 0.12 | 0.1 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101234 | 0.5 | 0.09 | 0.14 | 0.15 | 0.25 | 0.5 | 0.13 | 0.5 | 0.5 | 5.93 | 3 | 0.36 | 0.8 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101235 | 39.2 | 0.24 | 0.10 | 0.88 | 1.35 | 0.5 | 0.51 | 0.5 | 0.5 | 6.95 | 3 | 0.85 | 9.1 | 0.20 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101236 | 54.0 | 0.28 | 0.05 | 0.77 | 1.90 | 0.5 | 0.75 | 0.5 | 0.5 | 6.83 | 3 | 2.26 | 10.3 | 0.30 | 0.1 | 0.05 | 0.2 | 0.1 | 0.5 |
| SA5101237 | 0.5 | 0.16 | 0.22 | 0.28 | 2.16 | 0.5 | 0.30 | 0.5 | 0.5 | 6.30 | 3 | 0.66 | 2.7 | 0.10 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101238 | 10.5 | 0.30 | 0.46 | 1.60 | 2.30 | 0.5 | 0.85 | 0.5 | 0.5 | 7.07 | 3 | 1.55 | 15.3 | 0.22 | 0.4 | 0.01 | 0.5 | 0.2 | 1 |
| SA5101239 | 6.3 | 0.13 | 0.05 | 0.58 | 0.25 | 0.5 | 0.60 | 0.5 | 0.5 | 6.62 | 3 | 0.41 | 7.8 | 0.22 | 0.3 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101240 | 9.4 | 0.17 | 0.18 | 0.84 | 0.56 | 0.5 | 0.57 | 0.5 | 0.5 | 6.79 | 3 | 1.84 | 9.4 | 0.20 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101241 | 6.7 | 0.07 | 0.37 | 0.61 | 1.89 | 0.5 | 0.45 | 0.5 | 0.5 | 6.67 | 3 | 0.96 | 9.3 | 0.11 | 0.05 | 0.01 | 0.2 | 0.05 | 5 |
| SA5101242 | 7.8 | 0.23 | 0.15 | 0.53 | 2.94 | 0.5 | 0.54 | 0.5 | 0.5 | 6.80 | 3 | 1.38 | 10.2 | 0.26 | 0.2 | 0.05 | 0.1 | 0.05 | 0.5 |
| SA5101243 | 9.7 | 0.15 | 0.26 | 0.47 | 0.68 | 0.5 | 0.50 | 0.5 | 0.5 | 6.53 | 3 | 0.50 | 8.8 | 0.18 | 0.05 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101244 | 0.5 | 0.35 | 0.05 | 0.46 | 0.86 | 0.5 | 0.70 | 0.5 | 0.5 | 6.75 | 3 | 1.58 | 11.3 | 0.34 | 0.1 | 0.07 | 0.1 | 0.1 | 0.5 |
| SA5101245 | 6.7 | 0.22 | 0.64 | 0.54 | 0.94 | 0.5 | 0.59 | 0.5 | 0.5 | 6.60 | 3 | 1.95 | 10.7 | 0.30 | 0.3 | 0.05 | 0.4 | 0.05 | 1 |
| SA5101246 | 0.5 | 0.13 | 0.14 | 0.28 | 3.64 | 0.5 | 0.19 | 0.5 | 0.5 | 5.53 | 6 | 0.005 | 6.2 | 0.12 | 0.3 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101247 | 82.2 | 0.56 | 1.27 | 1.53 | 0.25 | 0.5 | 2.93 | 0.5 | 0.5 | 7.50 | 17 | 3.38 | 80.5 | 0.82 | 0.05 | 0.26 | 13.7 | 0.3 | 0.5 |
| SA5101248 | 15.4 | 0.20 | 0.44 | 0.62 | 2.18 | 0.5 | 0.74 | 0.5 | 0.5 | 6.91 | 3 | 1.74 | 13.5 | 0.26 | 0.2 | 0.05 | 0.1 | 0.1 | 0.5 |
| SA5101249 | 0.5 | 0.08 | 0.14 | 0.07 | 2.36 | 0.5 | 0.13 | 0.5 | 0.5 | 5.22 | 3 | 0.27 | 1.7 | 0.06 | 0.2 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101250 | 30.8 | 0.33 | 0.40 | 0.78 | 2.84 | 0.5 | 1.16 | 0.5 | 0.5 | 6.87 | 3 | 1.95 | 30.5 | 0.36 | 0.2 | 0.11 | 1.6 | 0.05 | 0.5 |
| SA5101251 | 28.2 | 0.29 | 0.38 | 0.73 | 1.18 | 0.5 | 1.11 | 0.5 | 0.5 | 7.05 | 3 | 1.90 | 28.6 | 0.36 | 0.1 | 0.12 | 0.8 | 0.05 | 0.5 |
| SA5101252 | 3.2 | 0.04 | 0.05 | 0.11 | 2.09 | 0.5 | 0.37 | 0.5 | 0.5 | 4.88 | 3 | 0.53 | 3.6 | 0.07 | 0.2 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101253 | 0.5 | 0.03 | 0.05 | 0.11 | 4.42 | 0.5 | 0.12 | 0.5 | 0.5 | 4.69 | 4 | 0.02 | 2.8 | 0.07 | 0.5 | 0.01 | 0.1 | 0.1 | 1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101254 | 39.9 | 0.40 | 0.85 | 0.78 | 1.24 | 0.5 | 2.84 | 0.5 | 0.5 | 7.24 | 16 | 3.05 | 27.8 | 0.49 | 0.2 | 0.17 | 5.8 | 0.1 | 7 |
| SA5101255 | 9.0 | 0.16 | 0.47 | 0.53 | 0.70 | 0.5 | 0.66 | 0.5 | 0.5 | 7.11 | 3 | 2.12 | 16.1 | 0.20 | 0.1 | 0.21 | 0.5 | 0.1 | 0.5 |
| SA5101256 | 10.0 | 0.18 | 0.05 | 0.94 | 3.04 | 0.5 | 0.68 | 0.5 | 0.5 | 6.95 | 3 | 1.84 | 14.5 | 0.25 | 0.3 | 0.07 | 0.2 | 0.05 | 0.5 |
| SA5101257 | 30.9 | 0.14 | 0.14 | 0.66 | 1.40 | 0.5 | 0.67 | 0.5 | 0.5 | 6.35 | 3 | 0.96 | 10.5 | 0.40 | 0.3 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101258 | 8.3 | 0.19 | 0.35 | 1.24 | 11.33 | 0.5 | 0.66 | 0.5 | 0.5 | 7.09 | 3 | 2.12 | 15.3 | 0.17 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101259 | 23.1 | 0.13 | 0.60 | 2.15 | 3.04 | 0.5 | 0.48 | 0.5 | 0.5 | 6.45 | 5 | 1.93 | 17.5 | 0.13 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101260 | 13.5 | 0.23 | 0.29 | 1.26 | 2.02 | 0.5 | 0.79 | 0.5 | 0.5 | 6.82 | 3 | 2.04 | 11.3 | 0.20 | 0.3 | 0.01 | 0.2 | 0.2 | 0.5 |
| SA5101261 | 0.5 | 0.11 | 0.05 | 0.24 | 0.74 | 0.5 | 0.17 | 0.5 | 0.5 | 6.13 | 3 | 0.74 | 2.0 | 0.10 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101262 | 34.7 | 0.09 | 0.41 | 0.51 | 3.19 | 0.5 | 0.50 | 0.5 | 0.5 | 6.07 | 5 | 0.22 | 7.6 | 0.14 | 0.05 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101263 | 0.5 | 0.01 | 0.05 | 0.07 | 2.13 | 0.5 | 0.08 | 0.5 | 0.5 | 5.16 | 3 | 0.005 | 0.7 | 0.08 | 0.2 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101264 | 25.1 | 0.22 | 0.29 | 0.76 | 0.71 | 0.5 | 0.67 | 0.5 | 0.5 | 6.81 | 3 | 2.07 | 11.1 | 0.51 | 0.2 | 0.08 | 0.2 | 0.1 | 0.5 |
| SA5101265 | 11.8 | 0.20 | 0.40 | 0.83 | 2.08 | 0.5 | 0.67 | 0.5 | 0.5 | 6.99 | 4 | 2.00 | 13.7 | 0.33 | 0.2 | 0.01 | 0.8 | 0.05 | 7 |
| SA5101266 | 0.5 | 0.05 | 0.05 | 0.04 | 1.47 | 0.5 | 0.005 | 0.5 | 0.5 | 5.73 | 3 | 0.005 | 0.3 | 0.04 | 0.1 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101267 | 19.8 | 0.21 | 0.14 | 0.85 | 0.25 | 0.5 | 0.78 | 0.5 | 0.5 | 7.01 | 3 | 2.50 | 13.9 | 0.50 | 0.2 | 0.01 | 0.6 | 0.1 | 0.5 |
| SA5101268 | 0.5 | 0.05 | 0.05 | 0.17 | 0.69 | 0.5 | 0.19 | 0.5 | 0.5 | 6.17 | 3 | 0.20 | 1.8 | 0.22 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101269 | 0.5 | 0.06 | 0.05 | 1.05 | 0.77 | 0.5 | 0.62 | 0.5 | 0.5 | 6.80 | 3 | 2.23 | 11.2 | 0.43 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101270 | 0.5 | 0.07 | 0.05 | 0.90 | 2.37 | 0.5 | 0.81 | 0.5 | 0.5 | 6.56 | 3 | 2.94 | 12.3 | 0.17 | 0.3 | 0.01 | 0.1 | 0.2 | 3 |
| SA5101271 | 10.9 | 0.13 | 0.05 | 0.61 | 0.66 | 0.5 | 0.58 | 0.5 | 0.5 | 6.53 | 3 | 1.99 | 8.2 | 0.19 | 0.2 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101272 | 5.9 | 0.05 | 0.05 | 0.65 | 0.25 | 0.5 | 0.51 | 0.5 | 0.5 | 6.76 | 3 | 2.07 | 9.0 | 0.32 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101273 | 0.5 | 0.03 | 0.05 | 0.08 | 4.32 | 0.5 | 0.16 | 0.5 | 0.5 | 5.05 | 4 | 0.16 | 1.7 | 0.09 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101274 | 3.3 | 0.04 | 0.05 | 0.33 | 1.75 | 0.5 | 0.33 | 0.5 | 0.5 | 6.07 | 3 | 0.34 | 6.5 | 0.09 | 0.3 | 0.01 | 1.3 | 0.1 | 0.5 |
| SA5101275 | 5.5 | 0.02 | 0.05 | 0.33 | 0.25 | 0.5 | 0.63 | 0.5 | 0.5 | 6.22 | 3 | 0.20 | 3.4 | 0.08 | 0.1 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101276 | 4.8 | 0.14 | 0.05 | 1.10 | 2.11 | 0.5 | 0.70 | 0.5 | 0.5 | 6.85 | 3 | 2.32 | 11.7 | 0.47 | 0.3 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101277 | 12.7 | 0.13 | 0.42 | 0.70 | 7.40 | 0.5 | 0.56 | 0.5 | 0.5 | 6.62 | 4 | 1.20 | 8.9 | 0.18 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101278 | 13.0 | 0.14 | 0.20 | 0.67 | 1.49 | 0.5 | 0.51 | 0.5 | 0.5 | 6.77 | 3 | 1.26 | 9.9 | 0.17 | 0.3 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101279 | 9.3 | 0.05 | 0.14 | 0.32 | 1.08 | 0.5 | 0.46 | 0.5 | 0.5 | 6.22 | 3 | 0.90 | 7.1 | 0.15 | 0.4 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101280 | 2.3 | 0.08 | 0.05 | 0.22 | 2.30 | 0.5 | 0.50 | 0.5 | 0.5 | 5.92 | 3 | 0.74 | 5.4 | 0.11 | 0.3 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101281 | 2.8 | 0.12 | 0.40 | 0.45 | 1.25 | 0.5 | 0.57 | 0.5 | 0.5 | 6.59 | 3 | 0.90 | 6.8 | 0.18 | 0.2 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101282 | 14.4 | 0.07 | 0.38 | 0.51 | 1.67 | 0.5 | 0.64 | 0.5 | 0.5 | 6.88 | 3 | 1.85 | 9.6 | 0.20 | 0.2 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101283 | 18.0 | 0.09 | 0.05 | 0.53 | 2.82 | 0.5 | 0.65 | 0.5 | 0.5 | 6.82 | 3 | 1.80 | 9.5 | 0.20 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101284 | 14.9 | 0.11 | 0.05 | 0.40 | 0.25 | 0.5 | 0.62 | 0.5 | 0.5 | 6.85 | 3 | 1.27 | 7.9 | 0.21 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101285 | 31.0 | 0.22 | 0.05 | 0.48 | 3.78 | 0.5 | 0.50 | 0.5 | 0.5 | 6.51 | 5 | 1.65 | 6.8 | 0.21 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101286 | 0.5 | 0.11 | 0.24 | 0.04 | 5.93 | 0.5 | 0.05 | 0.5 | 0.5 | 5.73 | 16 | 0.33 | 0.9 | 0.17 | 0.05 | 0.01 | 0.7 | 0.05 | 5 |
| SA5101287 | 26.0 | 0.11 | 0.05 | 0.68 | 4.69 | 0.5 | 0.92 | 0.5 | 0.5 | 6.88 | 3 | 2.93 | 11.8 | 0.22 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101288 | 22.0 | 0.18 | 0.05 | 0.53 | 1.02 | 0.5 | 2.44 | 1.6 | 0.5 | 6.82 | 3 | 2.21 | 7.7 | 0.49 | 0.05 | 0.02 | 0.5 | 0.05 | 0.5 |
| SA5101289 | 18.6 | 0.17 | 0.05 | 0.43 | 0.58 | 0.5 | 0.46 | 0.5 | 0.5 | 6.91 | 3 | 1.06 | 5.9 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101290 | 16.9 | 0.15 | 0.24 | 0.66 | 1.14 | 2.2 | 0.83 | 0.5 | 0.7 | 6.83 | 7 | 2.41 | 10.8 | 0.22 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101291 | 15.8 | 0.11 | 0.24 | 0.52 | 1.84 | 0.5 | 0.75 | 0.5 | 0.5 | 6.37 | 3 | 2.19 | 11.2 | 0.21 | 0.05 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101292 | 13.1 | 0.10 | 0.17 | 0.51 | 1.42 | 0.5 | 0.68 | 0.5 | 0.5 | 6.90 | 3 | 1.85 | 9.2 | 0.19 | 0.05 | 0.01 | 0.2 | 0.2 | 0.5 |
| SA5101293 | 6.5 | 0.03 | 0.24 | 0.41 | 2.25 | 0.5 | 0.61 | 0.5 | 0.5 | 6.48 | 3 | 2.37 | 9.8 | 0.20 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101294 | 3.4 | 0.03 | 0.29 | 0.49 | 1.05 | 0.5 | 0.62 | 0.5 | 0.5 | 6.56 | 3 | 1.97 | 9.3 | 0.17 | 0.1 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101295 | 5.8 | 0.09 | 0.14 | 0.43 | 1.47 | 0.5 | 0.56 | 0.5 | 0.5 | 6.70 | 3 | 1.87 | 7.8 | 0.17 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101296 | 1.9 | 0.08 | 0.05 | 0.38 | 0.84 | 0.5 | 0.53 | 0.5 | 0.5 | 6.70 | 3 | 1.72 | 7.0 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101297 | 5.6 | 0.06 | 0.35 | 0.32 | 0.88 | 0.5 | 0.42 | 0.5 | 0.5 | 6.30 | 3 | 0.32 | 5.9 | 0.13 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101298 | 0.5 | 0.18 | 0.05 | 1.02 | 83.36 | 0.5 | 0.71 | 4.7 | 0.9 | 6.25 | 18 | 1.30 | 16.4 | 0.31 | 0.05 | 0.03 | 0.1 | 0.2 | 2 |
| SA5101299 | 0.5 | 0.01 | 0.05 | 0.03 | 1.57 | 0.5 | 0.10 | 0.5 | 0.5 | 5.27 | 3 | 0.005 | 0.6 | 0.08 | 0.1 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101300 | 1.0 | 0.09 | 0.05 | 0.37 | 0.58 | 0.5 | 0.54 | 0.5 | 0.5 | 6.69 | 3 | 1.21 | 7.8 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101301 | 4.7 | 0.08 | 0.05 | 0.60 | 0.25 | 0.5 | 0.63 | 0.5 | 0.5 | 6.90 | 3 | 1.67 | 7.9 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101302 | 1.1 | 0.06 | 0.14 | 0.79 | 0.77 | 0.5 | 0.66 | 0.5 | 0.5 | 6.71 | 3 | 1.57 | 9.3 | 0.19 | 0.05 | 0.01 | 0.4 | 0.3 | 0.5 |
| SA5101303 | 30.1 | 0.21 | 0.05 | 0.58 | 0.25 | 0.5 | 0.63 | 0.5 | 0.5 | 6.93 | 3 | 1.56 | 8.8 | 0.33 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101304 | 1.3 | 0.07 | 0.05 | 1.53 | 1.03 | 0.5 | 0.68 | 0.5 | 0.5 | 7.07 | 3 | 2.70 | 12.1 | 0.32 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101305 | 0.5 | 0.01 | 0.05 | 0.04 | 1.32 | 0.5 | 0.05 | 0.5 | 0.5 | 5.51 | 3 | 0.005 | 0.3 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101306 | 20.5 | 0.16 | 0.16 | 0.60 | 0.25 | 0.5 | 0.63 | 0.5 | 0.5 | 6.91 | 3 | 1.81 | 8.8 | 0.28 | 0.05 | 0.01 | 0.1 | 0.05 | 8 |
| SA5101307 | 33.8 | 0.20 | 0.05 | 0.26 | 0.25 | 0.5 | 0.35 | 0.5 | 0.5 | 6.23 | 3 | 0.09 | 4.0 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101308 | 11.1 | 0.04 | 0.05 | 0.19 | 1.41 | 0.5 | 0.34 | 0.5 | 0.5 | 5.64 | 3 | 0.06 | 3.0 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 11 |
| SA5101309 | 1.4 | 0.07 | 0.16 | 0.80 | 0.80 | 0.5 | 0.62 | 0.5 | 0.5 | 6.70 | 3 | 1.59 | 9.4 | 0.20 | 0.2 | 0.01 | 0.1 | 0.1 | 8 |
| SA5101310 | 12.3 | 0.11 | 0.05 | 0.29 | 1.21 | 0.5 | 0.24 | 0.5 | 0.5 | 6.13 | 3 | 0.005 | 3.2 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101311 | 17.0 | 0.15 | 0.05 | 0.25 | 0.68 | 0.5 | 0.42 | 0.5 | 0.6 | 6.39 | 3 | 0.37 | 5.7 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101312 | 28.8 | 0.17 | 0.05 | 0.39 | 1.29 | 0.5 | 0.50 | 0.5 | 0.5 | 6.59 | 3 | 1.24 | 7.1 | 0.14 | 0.05 | 0.02 | 0.1 | 0.05 | 5 |
| SA5101313 | 0.5 | 0.03 | 0.05 | 0.06 | 0.76 | 0.5 | 0.13 | 0.5 | 0.5 | 5.58 | 3 | 0.005 | 0.6 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101314 | 108.8 | 0.11 | 0.05 | 0.32 | 0.25 | 0.5 | 0.59 | 0.7 | 0.5 | 6.72 | 3 | 1.33 | 9.0 | 0.18 | 0.05 | 0.59 | 0.1 | 0.05 | 6 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101315 | 14.0 | 0.08 | 0.05 | 0.21 | 0.60 | 0.5 | 0.33 | 0.5 | 0.5 | 6.38 | 3 | 0.74 | 3.8 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101316 | 82.1 | 0.25 | 0.44 | 0.62 | 4.07 | 0.5 | 0.73 | 0.5 | 0.5 | 6.84 | 5 | 1.46 | 14.8 | 0.53 | 0.05 | 0.10 | 0.1 | 0.05 | 4 |
| SA5101317 | 50.1 | 0.14 | 0.11 | 0.49 | 2.58 | 0.5 | 0.69 | 0.5 | 0.5 | 6.81 | 3 | 1.45 | 11.9 | 0.25 | 0.05 | 0.05 | 0.1 | 0.05 | 7 |
| SA5101318 | 137.2 | 0.23 | 0.18 | 0.62 | 0.80 | 0.5 | 0.59 | 0.5 | 0.5 | 6.81 | 3 | 0.60 | 10.8 | 0.31 | 0.05 | 0.05 | 0.1 | 0.05 | 4 |
| SA5101319 | 27.0 | 0.16 | 0.05 | 0.89 | 2.19 | 0.5 | 0.52 | 0.5 | 0.5 | 6.73 | 4 | 0.26 | 6.1 | 0.24 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101320 | 62.1 | 0.17 | 0.31 | 1.06 | 1.27 | 0.5 | 0.53 | 0.5 | 0.5 | 6.83 | 3 | 0.54 | 8.2 | 0.16 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101321 | 46.4 | 0.14 | 0.05 | 0.94 | 1.47 | 0.5 | 0.49 | 0.5 | 0.5 | 6.76 | 3 | 0.38 | 7.2 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101322 | 11.3 | 0.23 | 0.16 | 0.89 | 2.38 | 0.5 | 0.77 | 1.0 | 0.5 | 6.92 | 3 | 2.53 | 11.0 | 0.45 | 0.05 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101323 | 11.9 | 0.26 | 0.05 | 0.74 | 0.25 | 0.5 | 0.60 | 0.5 | 0.5 | 6.90 | 3 | 1.59 | 9.3 | 0.41 | 0.05 | 0.01 | 0.1 | 0.1 | 6 |
| SA5101324 | 31.6 | 0.19 | 0.12 | 0.80 | 1.02 | 0.5 | 0.34 | 6.7 | 0.5 | 6.71 | 3 | 0.13 | 5.3 | 0.48 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101325 | 0.5 | 0.08 | 0.05 | 2.24 | 1.22 | 0.5 | 0.49 | 0.5 | 0.5 | 7.07 | 3 | 0.80 | 11.4 | 0.41 | 0.05 | 0.01 | 0.1 | 0.05 | 7 |
| SA5101326 | 0.5 | 0.07 | 0.05 | 2.02 | 1.22 | 0.5 | 0.53 | 2.0 | 0.5 | 6.96 | 12 | 0.37 | 11.1 | 0.31 | 0.05 | 0.01 | 0.1 | 0.05 | 9 |
| SA5101327 | 0.5 | 0.09 | 0.05 | 1.45 | 2.34 | 0.5 | 0.70 | 2.3 | 0.5 | 7.05 | 3 | 2.01 | 13.4 | 0.33 | 0.2 | 0.01 | 0.5 | 0.05 | 8 |
| SA5101328 | 1.6 | 0.08 | 0.15 | 0.58 | 0.73 | 0.5 | 0.46 | 0.5 | 0.5 | 6.52 | 3 | 0.64 | 7.1 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101329 | 0.5 | 0.08 | 0.20 | 0.65 | 0.56 | 0.5 | 0.36 | 0.5 | 0.5 | 6.43 | 3 | 0.69 | 6.3 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101330 | 0.5 | 0.12 | 0.05 | 0.88 | 2.23 | 0.5 | 0.49 | 0.5 | 0.5 | 6.97 | 3 | 1.10 | 6.3 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101331 | 29.6 | 0.21 | 0.05 | 0.79 | 1.03 | 0.5 | 0.42 | 0.5 | 0.5 | 6.68 | 3 | 0.18 | 5.1 | 0.48 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101332 | 3.3 | 0.05 | 0.05 | 0.56 | 2.03 | 0.5 | 0.58 | 0.5 | 0.5 | 6.76 | 3 | 1.45 | 8.3 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101333 | 4.2 | 0.13 | 0.05 | 0.55 | 1.43 | 0.5 | 0.65 | 0.5 | 0.5 | 6.63 | 3 | 1.34 | 8.6 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101334 | 0.5 | 0.10 | 0.05 | 0.61 | 1.07 | 0.5 | 0.52 | 0.5 | 0.5 | 6.75 | 3 | 0.69 | 7.2 | 0.13 | 0.05 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101335 | 6.4 | 0.09 | 0.31 | 0.54 | 2.15 | 0.6 | 0.62 | 0.5 | 1.3 | 6.75 | 4 | 1.25 | 7.9 | 0.15 | 0.05 | 0.01 | 0.2 | 0.2 | 1 |
| SA5101336 | 1.4 | 0.07 | 0.19 | 0.52 | 1.80 | 0.5 | 0.60 | 0.5 | 1.0 | 6.71 | 4 | 2.03 | 8.6 | 0.17 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101337 | 1.8 | 0.07 | 0.16 | 0.44 | 0.69 | 0.5 | 0.53 | 0.5 | 0.5 | 6.76 | 3 | 1.41 | 7.1 | 0.16 | 0.05 | 0.01 | 0.1 | 0.3 | 5 |
| SA5101338 | 13.7 | 0.10 | 0.31 | 0.37 | 0.90 | 0.5 | 0.63 | 0.5 | 0.5 | 6.43 | 3 | 0.61 | 7.9 | 0.15 | 0.05 | 0.01 | 0.8 | 0.2 | 4 |
| SA5101339 | 12.6 | 0.07 | 0.23 | 0.45 | 0.65 | 0.5 | 0.65 | 0.5 | 0.9 | 6.62 | 4 | 1.84 | 9.0 | 0.21 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101340 | 12.5 | 0.10 | 0.05 | 0.44 | 0.72 | 0.5 | 0.58 | 0.5 | 0.5 | 6.80 | 4 | 1.78 | 8.8 | 0.19 | 0.05 | 0.01 | 0.4 | 0.1 | 1 |
| SA5101341 | 0.5 | 0.06 | 0.62 | 1.19 | 0.25 | 0.5 | 0.26 | 0.5 | 0.5 | 6.84 | 3 | 0.31 | 5.4 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101342 | 0.5 | 0.03 | 0.05 | 0.74 | 1.61 | 0.5 | 0.50 | 0.5 | 0.5 | 6.46 | 3 | 0.54 | 8.9 | 0.12 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101343 | 3.5 | 0.15 | 0.28 | 0.60 | 0.57 | 0.5 | 0.62 | 0.5 | 0.5 | 5.76 | 3 | 0.47 | 10.5 | 0.16 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101344 | 18.0 | 0.01 | 0.30 | 1.16 | 0.67 | 1.0 | 0.28 | 0.5 | 1.8 | 6.73 | 3 | 0.27 | 5.1 | 0.16 | 0.05 | 0.01 | 0.1 | 0.4 | 2 |
| SA5101345 | 4.6 | 0.14 | 0.30 | 0.57 | 0.98 | 0.5 | 0.56 | 2.2 | 0.5 | 6.90 | 3 | 1.23 | 9.7 | 0.21 | 0.05 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101346 | 11.5 | 0.15 | 0.29 | 0.80 | 2.12 | 0.5 | 0.96 | 0.5 | 0.6 | 6.88 | 3 | 2.98 | 13.3 | 0.22 | 0.05 | 0.01 | 0.2 | 0.3 | 4 |
| SA5101347 | 5.4 | 0.10 | 0.32 | 0.50 | 0.59 | 0.5 | 0.54 | 0.5 | 0.5 | 6.71 | 3 | 2.00 | 9.1 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101348 | 4.9 | 0.11 | 0.28 | 0.66 | 0.91 | 0.5 | 0.68 | 0.5 | 0.5 | 6.78 | 3 | 2.15 | 10.6 | 0.22 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101349 | 0.5 | 0.01 | 0.05 | 0.19 | 2.01 | 0.5 | 0.38 | 0.5 | 0.5 | 5.29 | 3 | 0.54 | 5.4 | 0.11 | 0.05 | 0.01 | 0.1 | 0.1 | 2 |
| SA5101350 | 0.5 | 0.07 | 0.31 | 0.98 | 0.79 | 0.5 | 0.71 | 0.5 | 0.5 | 6.68 | 3 | 1.70 | 13.1 | 0.24 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101351 | 0.5 | 0.08 | 0.59 | 1.04 | 1.71 | 0.5 | 0.61 | 0.5 | 0.5 | 6.91 | 3 | 1.90 | 11.0 | 0.24 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101352 | 1.0 | 0.12 | 0.05 | 0.94 | 0.25 | 0.5 | 0.43 | 0.5 | 0.5 | 6.75 | 3 | 0.56 | 7.9 | 0.23 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101353 | 5.3 | 0.10 | 0.15 | 0.61 | 1.76 | 0.6 | 0.53 | 0.5 | 1.5 | 6.19 | 4 | 0.23 | 9.6 | 0.17 | 0.1 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101354 | 17.6 | 0.17 | 0.64 | 1.32 | 0.82 | 0.5 | 1.07 | 0.5 | 0.5 | 7.05 | 3 | 2.09 | 15.6 | 0.34 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101355 | 19.4 | 0.12 | 0.27 | 1.18 | 0.73 | 0.5 | 0.71 | 0.5 | 0.5 | 7.01 | 4 | 0.67 | 11.8 | 0.16 | 0.05 | 0.01 | 0.1 | 0.1 | 3 |
| SA5101356 | 27.0 | 0.13 | 0.33 | 0.83 | 6.31 | 0.5 | 0.82 | 0.5 | 0.6 | 7.05 | 3 | 2.50 | 13.9 | 0.25 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101357 | 57.0 | 0.34 | 0.99 | 1.98 | 1167.21 | 0.5 | 0.93 | 0.5 | 1.1 | 6.75 | 20 | 1.89 | 47.2 | 0.29 | 0.05 | 0.01 | 0.2 | 0.3 | 5 |
| SA5101358 | 17.0 | 0.09 | 0.86 | 0.66 | 2.32 | 0.5 | 0.77 | 0.5 | 0.5 | 6.63 | 4 | 0.82 | 12.0 | 0.22 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101359 | 12.4 | 0.06 | 0.29 | 0.19 | 8.70 | 0.5 | 0.51 | 0.5 | 0.5 | 5.17 | 3 | 0.58 | 3.6 | 0.08 | 0.2 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101360 | 0.5 | 0.01 | 0.05 | 0.07 | 4.41 | 0.5 | 0.21 | 0.5 | 0.5 | 4.97 | 9 | 0.23 | 1.2 | 0.08 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101361 | 0.5 | 0.04 | 0.27 | 0.04 | 1.77 | 0.5 | 0.11 | 0.5 | 0.5 | 5.42 | 3 | 0.04 | 0.9 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101362 | 14.7 | 0.03 | 0.52 | 0.45 | 2.97 | 0.9 | 0.82 | 0.5 | 1.1 | 6.68 | 3 | 1.89 | 9.6 | 0.23 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101363 | 14.0 | 0.07 | 0.13 | 0.62 | 2.10 | 0.5 | 0.39 | 0.5 | 0.5 | 6.61 | 3 | 0.54 | 8.1 | 0.26 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101364 | 19.6 | 0.11 | 0.19 | 0.67 | 7.46 | 0.5 | 0.58 | 0.5 | 0.7 | 6.88 | 3 | 1.31 | 10.3 | 0.16 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101365 | 2.0 | 0.04 | 0.05 | 0.16 | 1.37 | 0.5 | 0.37 | 0.5 | 0.5 | 5.77 | 3 | 0.08 | 5.3 | 0.10 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101366 | 26.0 | 0.38 | 0.69 | 3.07 | 676.38 | 0.5 | 0.79 | 0.5 | 2.4 | 6.66 | 19 | 2.22 | 49.1 | 0.20 | 0.05 | 0.01 | 0.1 | 0.1 | 7 |
| SA5101367 | 21.6 | 0.68 | 0.98 | 3.89 | 157.34 | 0.5 | 0.69 | 0.5 | 1.8 | 6.73 | 3 | 2.06 | 67.6 | 0.26 | 0.05 | 0.01 | 0.1 | 0.3 | 3 |
| SA5101368 | 18.2 | 0.09 | 0.52 | 0.67 | 2.56 | 0.5 | 0.51 | 0.5 | 0.5 | 6.90 | 3 | 1.30 | 10.2 | 0.15 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101369 | 14.1 | 0.08 | 0.24 | 1.86 | 2.91 | 0.5 | 0.51 | 0.5 | 0.5 | 7.12 | 3 | 1.33 | 14.3 | 0.10 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101370 | 8.3 | 0.09 | 0.37 | 0.84 | 1.42 | 0.5 | 0.55 | 0.5 | 1.1 | 6.83 | 3 | 0.39 | 10.3 | 0.21 | 0.05 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101371 | 9.4 | 0.14 | 0.05 | 0.63 | 4.00 | 0.5 | 0.28 | 0.5 | 2.1 | 6.42 | 4 | 0.46 | 8.0 | 0.33 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101372 | 2.9 | 0.05 | 0.05 | 0.66 | 5.94 | 0.5 | 0.31 | 0.5 | 1.0 | 6.78 | 3 | 0.49 | 7.5 | 0.15 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101373 | 0.5 | -9 | -9 | -9 | -9 | -9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101374 | 0.5 | 0.03 | 0.54 | 0.35 | 8.94 | 0.5 | 0.20 | 0.5 | 1.6 | 5.40 | 3 | 0.30 | 5.1 | 0.11 | 0.05 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101375 | 107.2 | 0.17 | 0.46 | 0.32 | 0.25 | 0.5 | 0.47 | 0.5 | 0.5 | 6.61 | 3 | 0.67 | 6.9 | 0.24 | 0.05 | 0.03 | 0.1 | 0.05 | 1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101376 | 244.2 | 0.24 | 0.44 | 0.63 | 2.41 | 0.5 | 0.73 | 0.5 | 0.5 | 6.81 | 3 | 1.13 | 11.8 | 0.41 | 0.05 | 0.10 | 0.1 | 0.3 | 0.5 |
| SA5101377 | 30.2 | 0.16 | 0.36 | 0.80 | 2.33 | 0.5 | 0.54 | 0.5 | 0.8 | 6.81 | 3 | 0.37 | 13.7 | 0.38 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101378 | 0.5 | 0.03 | 0.11 | 0.27 | 8.67 | 0.5 | 0.12 | 0.5 | 0.7 | 5.88 | 4 | 0.02 | 3.3 | 0.15 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101379 | 0.5 | 0.06 | 0.05 | 0.09 | 7.05 | 0.5 | 0.16 | 0.5 | 0.6 | 4.80 | 4 | 0.16 | 2.5 | 0.07 | 0.2 | 0.01 | 0.1 | 0.4 | 2 |
| SA5101380 | 0.5 | 0.15 | 0.33 | 0.61 | 8.91 | 0.6 | 0.53 | 0.5 | 1.7 | 6.06 | 16 | 0.005 | 9.1 | 0.22 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101381 | 0.5 | 0.04 | 0.05 | 0.20 | 8.87 | 0.5 | 0.13 | 0.5 | 0.7 | 5.56 | 3 | 0.005 | 4.1 | 0.12 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101382 | 14.6 | 0.09 | 0.24 | 0.47 | 2.03 | 0.5 | 0.38 | 0.5 | 2.4 | 6.22 | 3 | 0.13 | 7.2 | 0.17 | 0.05 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101383 | 4.6 | 0.13 | 0.05 | 0.80 | 0.25 | 0.5 | 0.75 | 0.5 | 1.5 | 6.44 | 3 | 0.77 | 14.1 | 0.23 | 0.05 | 0.01 | 0.1 | 0.3 | 0.5 |
| SA5101384 | 10.8 | 0.15 | 0.52 | 0.69 | 4.23 | 0.5 | 0.87 | 0.5 | 1.5 | 6.67 | 6 | 1.58 | 13.6 | 0.59 | 0.05 | 0.07 | 0.3 | 0.1 | 1 |
| SA5101385 | 5.6 | 0.13 | 0.27 | 0.81 | 3.38 | 0.5 | 0.77 | 0.5 | 1.0 | 7.01 | 3 | 1.87 | 13.9 | 0.25 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101386 | 0.5 | 0.11 | 0.05 | 0.62 | 2.04 | 0.5 | 0.69 | 0.5 | 1.0 | 6.65 | 3 | 1.26 | 10.5 | 0.18 | 0.05 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101387 | 10.0 | 0.11 | 0.23 | 0.63 | 5.64 | 0.5 | 0.68 | 0.5 | 0.8 | 6.88 | 3 | 1.41 | 10.0 | 0.19 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101388 | 1.9 | 0.03 | 0.69 | 0.57 | 3.63 | 0.5 | 0.61 | 0.5 | 1.6 | 6.29 | 9 | 0.30 | 10.2 | 0.09 | 0.05 | 0.01 | 0.1 | 0.2 | 3 |
| SA5101389 | 1.2 | 0.08 | 0.05 | 0.67 | 5.32 | 1.9 | 0.50 | 0.5 | 0.6 | 6.33 | 4 | 0.31 | 11.6 | 0.11 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101390 | 5.1 | 0.06 | 0.14 | 0.43 | 1.70 | 0.5 | 0.80 | 0.5 | 0.5 | 6.33 | 3 | 0.47 | 10.5 | 0.11 | 0.05 | 0.01 | 0.2 | 0.4 | 1 |
| SA5101391 | 13.7 | 0.08 | 0.05 | 0.73 | 10.92 | 0.5 | 0.85 | 0.5 | 0.5 | 6.74 | 4 | 1.44 | 13.2 | 0.21 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101392 | 16.7 | 0.14 | 0.05 | 0.78 | 4.98 | 0.5 | 0.84 | 0.5 | 0.5 | 6.84 | 3 | 1.30 | 12.7 | 0.26 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101393 | 13.2 | 0.16 | 0.05 | 0.70 | 13.99 | 0.5 | 0.70 | 0.5 | 0.5 | 6.82 | 3 | 0.83 | 11.2 | 0.20 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101394 | 0.5 | 0.07 | 0.05 | 0.91 | 3.18 | 0.5 | 0.74 | 0.5 | 0.5 | 6.98 | 4 | 1.16 | 13.6 | 0.18 | 0.1 | 0.01 | 0.2 | 0.05 | 1 |
| SA5101395 | 1.0 | 0.14 | 0.05 | 0.49 | 2.88 | 0.5 | 0.51 | 0.5 | 0.5 | 6.41 | 4 | 0.22 | 7.9 | 0.19 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101396 | 15.2 | 0.19 | 0.05 | 0.76 | 0.25 | 0.5 | 0.64 | 0.5 | 0.5 | 6.86 | 3 | 0.28 | 11.9 | 0.35 | 0.05 | 0.02 | 0.1 | 0.1 | 1 |
| SA5101397 | 16.5 | 0.12 | 0.05 | 0.74 | 0.25 | 0.5 | 0.68 | 0.5 | 0.5 | 6.46 | 3 | 0.33 | 10.1 | 0.19 | 0.05 | 0.01 | 0.6 | 0.1 | 1 |
| SA5101398 | 24.4 | 0.01 | 0.05 | 0.46 | 1.58 | 0.6 | 0.35 | 0.5 | 0.6 | 6.25 | 3 | 0.16 | 7.0 | 0.16 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101399 | 19.4 | 0.16 | 0.05 | 1.02 | 2.39 | 0.5 | 0.82 | 0.5 | 0.5 | 6.36 | 7 | 1.33 | 20.5 | 0.18 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101400 | 37.9 | 0.05 | 0.05 | 1.37 | 3.07 | 0.5 | 0.93 | 0.5 | 0.5 | 7.10 | 3 | 1.38 | 24.7 | 0.23 | 0.05 | 0.04 | 1.1 | 0.05 | 0.5 |
| SA5101401 | 32.2 | 0.13 | 0.05 | 1.13 | 3.40 | 0.5 | 0.73 | 0.5 | 0.5 | 7.04 | 3 | 1.47 | 15.3 | 0.31 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 |
| SA5101402 | 32.3 | 0.14 | 0.05 | 1.40 | 23.59 | 0.5 | 0.88 | 0.7 | 0.5 | 7.02 | 3 | 2.03 | 20.1 | 0.71 | 0.05 | 0.04 | 0.3 | 0.1 | 2 |
| SA5101403 | 3.1 | 0.04 | 0.05 | 1.14 | 2.50 | 0.5 | 0.78 | 0.5 | 0.5 | 6.81 | 3 | 2.30 | 14.5 | 0.34 | 0.1 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101404 | 5.7 | 0.02 | 0.05 | 0.25 | 1.57 | 0.5 | 0.46 | 0.5 | 0.5 | 6.37 | 3 | 0.12 | 6.1 | 0.10 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101405 | 8.2 | 0.06 | 0.05 | 0.33 | 1.09 | 0.5 | 0.53 | 0.5 | 0.5 | 6.63 | 3 | 0.85 | 7.7 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101406 | 16.4 | 0.12 | 0.20 | 0.71 | 4.78 | 0.5 | 0.86 | 0.5 | 0.5 | 6.65 | 4 | 1.50 | 13.1 | 0.29 | 0.2 | 0.02 | 0.5 | 0.2 | 1 |
| SA5101407 | 119.7 | 0.06 | 0.05 | 0.83 | 2.45 | 0.8 | 0.49 | 0.5 | 0.5 | 6.78 | 3 | 0.25 | 12.1 | 0.11 | 0.05 | 0.02 | 0.4 | 0.05 | 0.5 |
| SA5101408 | 27.0 | 0.04 | 0.14 | 0.77 | 5.19 | 0.5 | 0.64 | 0.5 | 0.5 | 6.94 | 3 | 1.75 | 14.7 | 0.31 | 0.05 | 0.39 | 0.1 | 0.1 | 0.5 |
| SA5101409 | 15.9 | 0.07 | 0.05 | 1.03 | 3.13 | 0.5 | 0.57 | 0.5 | 0.5 | 6.98 | 3 | 1.23 | 19.0 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101410 | 7.2 | 0.01 | 0.05 | 1.85 | 17.69 | 0.5 | 0.40 | 0.5 | 0.5 | 6.97 | 3 | 1.44 | 23.8 | 0.19 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101411 | 6.9 | 0.08 | 0.05 | 0.65 | 2.21 | 0.5 | 0.28 | 0.5 | 0.5 | 6.86 | 3 | 0.11 | 9.5 | 0.10 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101412 | 3.2 | 0.01 | 0.05 | 0.47 | 0.60 | 0.5 | 0.49 | 0.5 | 0.5 | 6.63 | 3 | 0.08 | 10.0 | 0.13 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101413 | 10.9 | 0.07 | 0.05 | 0.51 | 6.26 | 0.5 | 0.67 | 0.5 | 0.5 | 6.55 | 4 | 0.55 | 9.5 | 0.20 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101414 | 9.0 | 0.07 | 0.19 | 0.62 | 2.25 | 0.5 | 0.52 | 0.5 | 0.5 | 6.72 | 3 | 0.12 | 10.9 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101415 | 9.8 | 0.11 | 0.05 | 0.55 | 4.79 | 0.5 | 0.69 | 0.5 | 0.5 | 6.89 | 3 | 1.27 | 11.3 | 0.21 | 0.05 | 0.01 | 0.4 | 0.1 | 0.5 |
| SA5101416 | 0.5 | 0.10 | 0.05 | 0.68 | 3.02 | 0.5 | 0.87 | 0.5 | 0.5 | 6.69 | 3 | 1.95 | 12.3 | 0.20 | 0.3 | 0.01 | 0.8 | 0.3 | 0.5 |
| SA5101417 | 0.5 | 0.10 | 0.05 | 0.52 | 2.13 | 0.5 | 0.70 | 0.5 | 0.5 | 6.65 | 3 | 0.93 | 12.7 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101418 | 0.5 | 0.08 | 0.05 | 0.38 | 0.91 | 0.5 | 0.55 | 0.5 | 0.5 | 6.57 | 3 | 0.44 | 7.1 | 0.14 | 0.05 | 0.01 | 0.6 | 0.3 | 0.5 |
| SA5101419 | 0.5 | 0.17 | 0.05 | 0.77 | 23.39 | 0.5 | 0.61 | 0.5 | 0.5 | 5.77 | 6 | 1.11 | 11.0 | 0.33 | 0.1 | 0.01 | 1.3 | 0.2 | 2 |
| SA5101420 | 7.7 | 0.06 | 0.05 | 0.65 | 1.21 | 0.5 | 0.27 | 0.5 | 0.5 | 6.84 | 3 | 0.09 | 9.4 | 0.11 | 0.05 | 0.01 | 0.2 | 0.05 | 1 |
| SA5101421 | 0.5 | 0.08 | 0.05 | 0.75 | 0.98 | 0.5 | 0.69 | 0.5 | 0.5 | 6.58 | 3 | 1.90 | 13.6 | 0.17 | 0.05 | 0.01 | 0.8 | 0.1 | 1 |
| SA5101422 | 12.2 | 0.08 | 0.05 | 1.05 | 0.25 | 0.5 | 0.59 | 0.5 | 0.5 | 6.75 | 4 | 0.15 | 21.0 | 0.22 | 0.1 | 0.01 | 1.6 | 0.05 | 2 |
| SA5101423 | 0.5 | 0.16 | 0.05 | 0.66 | 1.83 | 0.5 | 0.60 | 0.5 | 0.5 | 6.76 | 3 | 0.47 | 11.1 | 0.15 | 0.3 | 0.02 | 6.7 | 0.05 | 0.5 |
| SA5101424 | 3.1 | 0.09 | 0.05 | 1.42 | 3.16 | 0.5 | 0.41 | 0.5 | 0.5 | 7.08 | 3 | 1.24 | 19.9 | 0.10 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101425 | 0.5 | 0.10 | 0.05 | 0.63 | 1.65 | 0.5 | 0.58 | 0.5 | 0.5 | 6.70 | 5 | 0.66 | 14.8 | 0.19 | 0.2 | 0.01 | 0.9 | 0.05 | 1 |
| SA5101426 | 15.3 | 0.11 | 0.15 | 0.80 | 1.58 | 0.5 | 0.66 | 0.5 | 0.5 | 6.91 | 3 | 0.40 | 26.2 | 0.19 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101427 | 19.6 | 0.08 | 0.05 | 0.76 | 3.72 | 0.5 | 0.70 | 0.5 | 0.5 | 6.95 | 3 | 1.08 | 18.8 | 0.25 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101428 | 16.9 | 0.05 | 0.05 | 0.71 | 0.67 | 0.5 | 0.62 | 0.5 | 0.5 | 7.07 | 3 | 0.74 | 15.6 | 0.25 | 0.05 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101429 | 1.6 | 0.09 | 0.05 | 0.48 | 2.42 | 0.5 | 0.60 | 0.5 | 0.5 | 6.70 | 3 | 0.61 | 10.5 | 0.15 | 0.05 | 0.01 | 0.6 | 0.1 | 0.5 |
| SA5101430 | 12.7 | 0.10 | 0.05 | 0.50 | 2.34 | 0.5 | 0.49 | 0.5 | 0.5 | 6.74 | 3 | 0.60 | 8.9 | 0.21 | 0.05 | 0.01 | 1.0 | 0.05 | 0.5 |
| SA5101431 | 12.7 | 0.08 | 0.05 | 0.59 | 5.74 | 0.5 | 0.71 | 0.5 | 0.5 | 6.62 | 3 | 0.91 | 12.3 | 0.19 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101432 | 0.5 | 0.04 | 0.05 | 0.31 | 1.75 | 0.5 | 0.31 | 0.5 | 0.5 | 6.32 | 3 | 0.02 | 6.1 | 0.09 | 0.05 | 0.01 | 0.9 | 0.1 | 0.5 |
| SA5101433 | 0.5 | 0.08 | 0.05 | 0.36 | 0.86 | 0.5 | 0.53 | 0.5 | 0.5 | 6.76 | 3 | 1.55 | 7.8 | 0.15 | 0.05 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101434 | 0.5 | 0.05 | 0.05 | 0.33 | 1.06 | 0.5 | 0.48 | 0.5 | 0.5 | 6.40 | 3 | 1.11 | 8.2 | 0.13 | 0.4 | 0.01 | 1.3 | 0.05 | 0.5 |
| SA5101435 | 21.0 | 0.13 | 0.05 | 0.76 | 2.28 | 0.5 | 0.72 | 0.5 | 0.5 | 7.00 | 5 | 1.05 | 18.8 | 0.25 | 0.05 | 0.01 | 0.6 | 0.05 | 1 |
| SA5101436 | 0.5 | 0.04 | 0.05 | 0.49 | 2.93 | 0.5 | 0.61 | 0.5 | 0.5 | 6.66 | 3 | 1.47 | 10.8 | 0.16 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101437 | 4.3 | 0.05 | 0.05 | 0.48 | 2.47 | 0.5 | 0.55 | 0.5 | 0.5 | 6.53 | 3 | 0.22 | 10.8 | 0.12 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101438 | 8.1 | 0.06 | 0.05 | 0.46 | 2.11 | 0.5 | 0.60 | 0.5 | 0.5 | 6.74 | 3 | 0.85 | 8.7 | 0.16 | 0.05 | 0.01 | 1.1 | 0.1 | 0.5 |
| SA5101439 | 0.5 | 0.07 | 0.05 | 0.77 | 1.99 | 0.5 | 0.50 | 0.5 | 0.5 | 6.37 | 4 | 0.60 | 10.3 | 0.22 | 0.05 | 0.01 | 1.0 | 0.05 | 0.5 |
| SA5101440 | 0.5 | 0.03 | 0.05 | 0.48 | 1.58 | 0.5 | 0.45 | 0.5 | 0.5 | 6.64 | 3 | 1.23 | 7.6 | 0.15 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101441 | 0.5 | 0.08 | 0.05 | 0.51 | 1.01 | 0.5 | 0.65 | 0.5 | 0.5 | 6.75 | 3 | 0.76 | 9.6 | 0.20 | 0.05 | 0.01 | 0.8 | 0.1 | 0.5 |
| SA5101442 | 0.5 | 0.04 | 0.05 | 0.26 | 0.85 | 0.5 | 0.33 | 0.5 | 0.5 | 6.18 | 7 | 0.01 | 4.6 | 0.09 | 0.05 | 0.02 | 1.0 | 0.05 | 2 |
| SA5101443 | 0.5 | 0.07 | 0.05 | 0.85 | 0.94 | 0.5 | 0.53 | 0.5 | 0.5 | 6.90 | 3 | 2.04 | 8.8 | 0.29 | 0.3 | 0.01 | 1.2 | 0.2 | 1 |
| SA5101444 | 0.5 | 0.06 | 0.05 | 0.35 | 0.65 | 0.5 | 0.30 | 0.5 | 0.5 | 6.36 | 3 | 0.23 | 5.4 | 0.16 | 0.05 | 0.01 | 0.5 | 0.1 | 0.5 |
| SA5101445 | 22.7 | 0.13 | 0.05 | 0.92 | 7.01 | 0.5 | 0.67 | 0.5 | 0.5 | 6.77 | 6 | 0.55 | 17.2 | 0.17 | 0.05 | 0.01 | 0.9 | 0.1 | 2 |
| SA5101446 | 16.9 | 0.16 | 0.05 | 0.73 | 4.63 | 0.5 | 0.92 | 0.5 | 0.5 | 6.86 | 4 | 1.34 | 13.3 | 0.31 | 0.2 | 0.01 | 0.7 | 0.2 | 2 |
| SA5101447 | 20.4 | 0.16 | 0.05 | 1.09 | 4.13 | 0.5 | 0.95 | 0.5 | 0.5 | 6.92 | 3 | 0.64 | 17.1 | 0.30 | 0.05 | 0.02 | 1.0 | 0.2 | 1 |
| SA5101448 | 0.5 | 0.16 | 0.17 | 0.88 | 2.39 | 0.5 | 0.99 | 0.5 | 0.5 | 6.29 | 3 | 1.88 | 15.8 | 0.18 | 0.05 | 0.01 | 1.3 | 0.05 | 5 |
| SA5101449 | 0.5 | 0.08 | 0.05 | 0.49 | 2.49 | 0.5 | 0.47 | 0.5 | 0.5 | 6.09 | 3 | 1.69 | 12.7 | 0.13 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101450 | 12.8 | 0.24 | 0.05 | 0.87 | 0.25 | 0.5 | 0.96 | 0.5 | 0.5 | 7.03 | 3 | 1.95 | 15.3 | 0.35 | 0.05 | 0.01 | 0.7 | 0.1 | 0.5 |
| SA5101451 | 21.7 | 0.13 | 0.05 | 0.82 | 10.17 | 0.5 | 0.91 | 0.5 | 0.5 | 6.89 | 3 | 1.22 | 16.7 | 0.25 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101452 | 37.5 | 0.19 | 0.27 | 0.77 | 0.56 | 0.5 | 0.81 | 0.5 | 0.5 | 7.05 | 3 | 1.16 | 21.5 | 0.24 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101453 | 0.5 | 0.22 | 0.05 | 1.22 | 1.71 | 0.5 | 1.01 | 0.5 | 0.5 | 6.90 | 3 | 1.10 | 12.0 | 0.28 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101454 | 4.6 | 0.17 | 0.05 | 0.62 | 1.24 | 0.5 | 0.75 | 0.5 | 0.5 | 6.69 | 3 | 0.50 | 9.4 | 0.20 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101455 | 7.1 | 0.13 | 0.05 | 0.71 | 3.05 | 0.5 | 0.90 | 0.5 | 0.5 | 6.82 | 3 | 0.97 | 12.4 | 0.21 | 0.1 | 0.02 | 1.4 | 0.1 | 0.5 |
| SA5101456 | 15.0 | 0.13 | 0.05 | 0.81 | 5.92 | 0.5 | 0.91 | 0.5 | 0.5 | 6.84 | 3 | 1.15 | 15.7 | 0.22 | 0.05 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101457 | 0.5 | 0.10 | 0.05 | 0.39 | 11.22 | 0.5 | 0.70 | 0.5 | 0.5 | 6.00 | 3 | 0.88 | 7.2 | 0.11 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101458 | 0.5 | 0.10 | 0.05 | 0.71 | 2.60 | 0.5 | 0.73 | 0.5 | 0.5 | 6.74 | 3 | 1.12 | 14.1 | 0.16 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101459 | 0.5 | 0.03 | 0.05 | 0.57 | 12.01 | 0.5 | 0.95 | 0.5 | 0.5 | 6.65 | 3 | 2.78 | 13.2 | 0.17 | 0.05 | 0.01 | 0.5 | 0.3 | 0.5 |
| SA5101460 | 15.7 | 0.15 | 0.05 | 1.02 | 8.96 | 0.5 | 0.72 | 0.5 | 0.5 | 6.16 | 4 | 1.46 | 20.8 | 0.20 | 0.05 | 0.01 | 0.9 | 0.05 | 1 |
| SA5101461 | 7.6 | 0.17 | 0.05 | 0.55 | 1.94 | 0.5 | 0.58 | 1.5 | 0.5 | 6.47 | 3 | 0.56 | 9.7 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101462 | 19.1 | 0.25 | 0.18 | 0.85 | 0.25 | 0.5 | 1.14 | 0.5 | 0.5 | 7.17 | 3 | 1.89 | 13.4 | 0.33 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101463 | 18.0 | 0.19 | 0.05 | 0.88 | 0.25 | 0.5 | 1.24 | 0.5 | 0.5 | 7.24 | 3 | 2.13 | 14.1 | 0.34 | 0.05 | 0.02 | 0.3 | 0.1 | 0.5 |
| SA5101464 | 8.2 | 0.23 | 0.05 | 0.72 | 1.23 | 0.9 | 0.96 | 0.5 | 1.0 | 6.83 | 3 | 1.54 | 11.3 | 0.23 | 0.1 | 0.01 | 0.8 | 0.1 | 1 |
| SA5101465 | 2.6 | 0.12 | 0.05 | 0.71 | 4.58 | 0.5 | 0.53 | 0.5 | 0.5 | 6.86 | 3 | 0.53 | 16.9 | 0.12 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101466 | 6.8 | 0.21 | 0.05 | 0.77 | 0.25 | 0.5 | 0.94 | 0.5 | 0.5 | 6.99 | 3 | 1.82 | 11.3 | 0.24 | 0.05 | 0.01 | 0.7 | 0.05 | 0.5 |
| SA5101467 | 15.6 | 0.17 | 0.05 | 0.58 | 0.98 | 0.5 | 0.81 | 0.5 | 0.5 | 6.88 | 3 | 1.75 | 9.6 | 0.21 | 0.05 | 0.02 | 0.1 | 0.1 | 1 |
| SA5101468 | 0.5 | 0.06 | 0.05 | 0.58 | 3.49 | 0.5 | 0.60 | 0.5 | 0.5 | 6.51 | 3 | 0.45 | 7.8 | 0.11 | 0.05 | 0.01 | 0.3 | 0.2 | 0.5 |
| SA5101469 | 0.5 | 0.05 | 0.05 | 0.17 | 4.60 | 0.5 | 0.35 | 0.5 | 0.5 | 5.58 | 3 | 0.08 | 2.2 | 0.10 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101470 | 12.2 | 0.13 | 0.05 | 1.00 | 8.68 | 0.5 | 1.22 | 0.5 | 0.5 | 6.93 | 3 | 3.15 | 16.7 | 0.21 | 0.3 | 0.01 | 1.3 | 0.05 | 0.5 |
| SA5101471 | 5.5 | 0.20 | 0.05 | 0.69 | 0.25 | 0.5 | 0.82 | 0.5 | 0.5 | 6.91 | 3 | 1.70 | 10.9 | 0.21 | 0.05 | 0.02 | 0.1 | 0.1 | 1 |
| SA5101472 | 2.3 | 0.11 | 0.05 | 0.56 | 0.60 | 0.5 | 0.86 | 0.5 | 0.5 | 6.61 | 3 | 1.51 | 10.7 | 0.20 | 0.05 | 0.01 | 0.4 | 0.1 | 0.5 |
| SA5101473 | 11.7 | 0.15 | 0.05 | 0.54 | 0.95 | 0.5 | 0.86 | 0.5 | 0.5 | 6.81 | 3 | 1.47 | 9.6 | 0.18 | 0.2 | 0.01 | 0.8 | 0.1 | 0.5 |
| SA5101474 | 2.8 | 0.19 | 0.05 | 0.60 | 0.25 | 0.5 | 0.70 | 0.5 | 0.5 | 6.94 | 3 | 1.22 | 8.7 | 0.25 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101475 | 1.6 | 0.16 | 0.05 | 0.42 | 0.25 | 0.5 | 0.69 | 0.5 | 0.5 | 6.81 | 3 | 1.63 | 7.5 | 0.25 | 0.05 | 0.01 | 0.5 | 0.1 | 0.5 |
| SA5101476 | 10.4 | 0.20 | 0.05 | 0.82 | 0.94 | 0.5 | 0.97 | 0.5 | 0.5 | 7.00 | 3 | 1.75 | 11.6 | 0.29 | 0.05 | 0.01 | 0.8 | 0.1 | 0.5 |
| SA5101477 | 9.9 | 0.23 | 0.05 | 0.73 | 0.25 | 0.5 | 0.86 | 0.5 | 0.5 | 7.07 | 3 | 1.89 | 10.4 | 0.22 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101478 | 6.1 | 0.13 | 0.05 | 0.84 | 2.97 | 0.5 | 1.00 | 0.5 | 0.5 | 6.95 | 3 | 2.23 | 12.0 | 0.21 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101479 | 6.2 | 0.03 | 0.05 | 0.19 | 6.32 | 0.5 | 0.46 | 0.5 | 0.5 | 5.70 | 3 | 0.28 | 4.4 | 0.07 | 0.2 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101480 | 0.5 | 0.17 | 0.05 | 0.80 | 0.86 | 0.5 | 0.94 | 0.5 | 0.5 | 7.01 | 3 | 1.95 | 11.4 | 0.24 | 0.1 | 0.01 | 1.1 | 0.2 | 5 |
| SA5101481 | 7.1 | 0.13 | 0.05 | 1.05 | 0.25 | 0.5 | 1.15 | 0.5 | 0.5 | 6.95 | 3 | 2.83 | 15.5 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101482 | 1.3 | 0.03 | 0.05 | 0.42 | 5.17 | 0.5 | 0.32 | 0.5 | 0.5 | 6.17 | 3 | 0.11 | 7.1 | 0.09 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101483 | 4.5 | 0.02 | 0.05 | 0.41 | 3.82 | 0.5 | 0.41 | 0.5 | 0.5 | 6.29 | 3 | 0.10 | 7.6 | 0.13 | 0.1 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101484 | 0.5 | 0.11 | 0.13 | 0.12 | 6.96 | 0.5 | 0.37 | 0.5 | 0.5 | 5.19 | 3 | 0.04 | 2.9 | 0.14 | 0.2 | 0.01 | 0.2 | 0.2 | 2 |
| SA5101485 | 5.1 | 0.08 | 0.05 | 0.47 | 3.09 | 0.5 | 0.97 | 0.5 | 0.5 | 6.71 | 3 | 2.72 | 10.8 | 0.18 | 0.2 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101486 | 10.3 | 0.11 | 0.05 | 0.34 | 2.28 | 0.5 | 0.40 | 0.5 | 0.5 | 6.49 | 4 | 0.14 | 6.1 | 0.09 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101487 | 4.5 | 0.07 | 0.26 | 0.23 | 12.46 | 0.5 | 0.41 | 0.5 | 0.5 | 5.56 | 3 | 0.19 | 5.0 | 0.09 | 0.1 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101488 | 16.3 | 0.08 | 0.05 | 0.76 | 3.81 | 0.5 | 0.69 | 0.5 | 0.5 | 6.49 | 3 | 0.16 | 3.9 | 0.11 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101489 | 66.5 | 0.09 | 0.05 | 0.55 | 1.90 | 0.5 | 0.63 | 0.5 | 0.5 | 6.56 | 3 | 0.95 | 9.8 | 0.10 | 0.05 | 0.01 | 0.5 | 0.1 | 0.5 |
| SA5101490 | 21.4 | 0.09 | 0.05 | 0.42 | 4.21 | 0.5 | 0.70 | 0.5 | 1.5 | 6.66 | 4 | 1.90 | 8.8 | 0.15 | 0.2 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101491 | 19.7 | 0.14 | 0.15 | 0.56 | 0.70 | 0.5 | 0.64 | 0.5 | 0.5 | 7.03 | 3 | 0.98 | 8.4 | 0.20 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101492 | 20.0 | 0.19 | 0.26 | 0.62 | 0.79 | 0.5 | 0.85 | 0.5 | 0.5 | 6.88 | 3 | 1.53 | 8.9 | 0.22 | 0.05 | 0.01 | 0.1 | 0.3 | 2 |
| SA5101493 | 22.4 | 0.17 | 0.40 | 0.54 | 0.25 | 0.5 | 0.75 | 0.5 | 0.5 | 6.98 | 3 | 0.96 | 8.1 | 0.20 | 0.1 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101494 | 21.3 | 0.13 | 0.37 | 0.47 | 3.43 | 0.5 | 0.99 | 0.5 | 2.0 | 6.69 | 7 | 2.67 | 11.0 | 0.19 | 0.2 | 0.01 | 0.1 | 0.2 | 3 |
| SA5101495 | 23.0 | 0.22 | 0.16 | 0.86 | 2.09 | 0.5 | 0.74 | 0.5 | 0.6 | 6.86 | 3 | 1.58 | 11.9 | 0.22 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101496 | 31.4 | 0.22 | 0.53 | 0.57 | 1.52 | 0.5 | 0.94 | 0.5 | 0.5 | 6.92 | 3 | 1.83 | 11.3 | 0.22 | 0.05 | 0.02 | 0.1 | 0.1 | 2 |
| SA5101497 | 5.6 | 0.04 | 0.36 | 0.43 | 6.28 | 0.5 | 0.79 | 0.5 | 0.5 | 6.36 | 3 | 2.42 | 10.0 | 0.14 | 0.2 | 0.02 | 0.4 | 0.05 | 2 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101498 | 19.3 | 0.08 | 0.42 | 0.35 | 1.42 | 0.5 | 0.67 | 0.5 | 3.6 | 6.78 | 3 | 1.66 | 7.9 | 0.16 | 0.1 | 0.01 | 0.2 | 0.05 | 2 |
| SA5101499 | 25.3 | 0.03 | 0.46 | 0.43 | 1.56 | 0.5 | 1.07 | 0.7 | 0.5 | 6.70 | 3 | 3.28 | 11.4 | 0.19 | 0.1 | 0.02 | 0.1 | 0.1 | 1 |
| SA5101500 | 60.3 | 0.14 | 0.53 | 0.56 | 1.72 | 0.5 | 1.14 | 0.5 | 0.6 | 6.96 | 3 | 2.79 | 13.5 | 0.25 | 0.1 | 0.02 | 0.1 | 0.3 | 1 |
| SA5101501 | 36.2 | 0.09 | 0.20 | 0.40 | 4.17 | 0.5 | 0.90 | 0.5 | 0.5 | 6.77 | 3 | 2.45 | 10.9 | 0.21 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101502 | 43.8 | 0.04 | 0.71 | 0.44 | 6.59 | 0.5 | 1.05 | 0.5 | 0.5 | 6.40 | 3 | 3.23 | 11.1 | 0.19 | 0.3 | 0.02 | 0.1 | 0.5 | 2 |
| SA5101503 | 3.5 | 0.03 | 0.27 | 0.57 | 1.68 | 0.5 | 0.73 | 0.5 | 0.5 | 6.60 | 3 | 2.95 | 10.3 | 0.17 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101504 | 12.0 | 0.07 | 0.49 | 0.58 | 2.65 | 0.5 | 0.83 | 0.5 | 0.5 | 6.72 | 3 | 2.74 | 11.1 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101505 | 25.0 | 0.13 | 0.46 | 0.82 | 8.19 | 0.5 | 0.96 | 0.5 | 0.8 | 6.84 | 3 | 2.53 | 14.0 | 0.18 | 0.05 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101506 | 27.5 | 0.12 | 0.35 | 0.60 | 3.55 | 0.5 | 0.88 | 0.5 | 0.5 | 6.90 | 3 | 2.25 | 11.7 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101507 | 19.4 | 0.07 | 0.59 | 0.89 | 0.64 | 0.5 | 1.02 | 1.2 | 1.7 | 7.05 | 3 | 1.16 | 15.4 | 0.19 | 0.3 | 0.01 | 0.9 | 0.3 | 3 |
| SA5101508 | 35.7 | 0.08 | 0.53 | 0.39 | 2.94 | 0.5 | 0.73 | 0.5 | 0.5 | 6.71 | 3 | 1.83 | 9.6 | 0.14 | 0.1 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101509 | 37.8 | 0.01 | 0.21 | 0.31 | 1.42 | 0.5 | 0.75 | 0.5 | 0.6 | 6.74 | 3 | 1.43 | 8.3 | 0.12 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101510 | 48.0 | 0.09 | 0.55 | 0.29 | 0.91 | 0.5 | 0.89 | 0.5 | 6.7 | 6.78 | 3 | 2.34 | 9.8 | 0.19 | 0.05 | 0.02 | 0.1 | 0.3 | 1 |
| SA5101511 | 48.9 | 0.03 | 0.19 | 0.18 | 1.66 | 0.5 | 0.90 | 0.5 | 0.5 | 6.52 | 3 | 2.42 | 10.4 | 0.16 | 0.05 | 0.01 | 0.1 | 0.4 | 1 |
| SA5101512 | 29.7 | 0.04 | 0.49 | 0.42 | 1.80 | 0.5 | 0.62 | 0.5 | 0.9 | 6.71 | 4 | 0.20 | 8.2 | 0.08 | 0.05 | 0.01 | 0.2 | 0.2 | 2 |
| SA5101513 | 37.9 | 0.07 | 0.58 | 0.44 | 4.97 | 0.5 | 0.50 | 0.5 | 0.5 | 6.65 | 3 | 0.67 | 7.5 | 0.06 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101514 | 25.1 | 0.09 | 0.40 | 0.38 | 5.03 | 0.5 | 0.36 | 0.5 | 0.5 | 6.34 | 3 | 0.39 | 7.0 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 27 |
| SA5101515 | 159.0 | 0.21 | 2.43 | 0.87 | 4.33 | 0.5 | 0.93 | 0.5 | 0.8 | 6.62 | 5 | 1.68 | 22.1 | 0.17 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101516 | 17.1 | 0.05 | 0.58 | 0.18 | 2.85 | 0.5 | 0.37 | 0.5 | 1.3 | 6.11 | 3 | 0.005 | 3.6 | 0.13 | 0.1 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101517 | 33.4 | 0.04 | 0.25 | 0.28 | 2.58 | 0.5 | 0.33 | 0.5 | 1.1 | 6.20 | 3 | 0.19 | 5.5 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101518 | 68.1 | 0.18 | 0.79 | 0.64 | 2.47 | 0.5 | 0.63 | 0.5 | 0.7 | 7.15 | 3 | 1.96 | 13.7 | 0.08 | 0.05 | 0.01 | 0.3 | 0.1 | 1 |
| SA5101519 | 0.5 | 0.03 | 0.20 | 0.02 | 5.14 | 0.5 | 0.30 | 0.5 | 0.5 | 5.60 | 4 | 0.03 | 0.6 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101520 | 39.3 | 0.11 | 0.44 | 0.39 | 8.23 | 0.5 | 1.00 | 0.5 | 0.5 | 6.75 | 3 | 2.39 | 10.5 | 0.22 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101521 | 40.8 | 0.07 | 0.39 | 0.30 | 0.67 | 0.5 | 0.98 | 0.5 | 0.5 | 6.87 | 3 | 2.57 | 10.2 | 0.23 | 0.3 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101522 | 35.9 | 0.13 | 0.32 | 0.39 | 1.25 | 0.5 | 0.81 | 0.5 | 0.5 | 6.68 | 3 | 1.73 | 8.7 | 0.19 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101523 | 0.5 | 0.01 | 0.36 | 0.04 | 3.86 | 0.5 | 0.30 | 0.5 | 1.3 | 5.92 | 3 | 0.18 | 3.3 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101524 | 38.8 | 0.18 | 0.27 | 0.26 | 0.59 | 0.5 | 0.76 | 0.5 | 0.5 | 6.73 | 3 | 1.73 | 9.9 | 0.21 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101525 | 29.6 | 0.09 | 0.32 | 0.29 | 1.03 | 0.5 | 0.85 | 0.5 | 1.9 | 6.68 | 3 | 2.04 | 8.7 | 0.18 | 0.1 | 0.02 | 0.1 | 0.2 | 2 |
| SA5101526 | 68.3 | 0.32 | 0.25 | 0.51 | 0.25 | 0.5 | 1.01 | 0.5 | 0.8 | 7.23 | 3 | 3.22 | 14.1 | 0.36 | 0.05 | 0.02 | 0.3 | 0.1 | 1 |
| SA5101527 | 2.1 | 0.09 | 0.31 | 0.43 | 0.25 | 0.5 | 0.75 | 0.5 | 0.5 | 6.98 | 3 | 2.22 | 9.2 | 0.17 | 0.05 | 0.01 | 0.4 | 0.2 | 0.5 |
| SA5101528 | 43.8 | 0.17 | 0.44 | 0.52 | 2.19 | 0.5 | 0.81 | 0.5 | 0.6 | 6.80 | 3 | 1.60 | 8.9 | 0.24 | 0.05 | 0.01 | 0.2 | 0.1 | 0.5 |
| SA5101529 | 14.9 | 0.10 | 0.53 | 0.50 | 1.78 | 0.5 | 0.96 | 0.5 | 0.5 | 6.17 | 3 | 2.73 | 11.3 | 0.18 | 0.1 | 0.01 | 0.1 | 0.3 | 1 |
| SA5101530 | 3.4 | 0.02 | 0.12 | 0.20 | 1.46 | 0.5 | 0.63 | 0.5 | 0.5 | 6.19 | 3 | 0.39 | 7.0 | 0.11 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101531 | 43.9 | 0.12 | 0.05 | 0.50 | 0.25 | 0.5 | 0.84 | 0.5 | 0.5 | 6.93 | 3 | 1.53 | 8.9 | 0.24 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101532 | 13.1 | 0.13 | 0.17 | 0.70 | 0.77 | 0.5 | 0.89 | 0.5 | 0.7 | 6.71 | 3 | 1.72 | 8.9 | 0.20 | 0.05 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101533 | 0.5 | 0.02 | 0.25 | 0.06 | 4.24 | 0.5 | 0.26 | 0.5 | 0.5 | 5.53 | 5 | 0.005 | 0.4 | 0.10 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101534 | 0.5 | 0.07 | 0.45 | 1.10 | 0.87 | 0.5 | 0.89 | 0.5 | 1.5 | 6.72 | 3 | 2.18 | 11.0 | 0.47 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101535 | 0.5 | 0.08 | 0.11 | 0.25 | 1.16 | 0.5 | 0.53 | 0.5 | 1.0 | 6.41 | 3 | 0.46 | 4.2 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101536 | 17.6 | 0.36 | 0.44 | 2.18 | 3.02 | 0.5 | 0.89 | 0.5 | 0.6 | 7.10 | 3 | 2.35 | 12.9 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101537 | 0.5 | 0.05 | 0.41 | 0.37 | 9.83 | 0.5 | 0.59 | 0.8 | 0.5 | 5.36 | 3 | 0.79 | 4.1 | 0.11 | 0.2 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101538 | 17.0 | 0.11 | 0.43 | 1.49 | 1.68 | 0.5 | 0.46 | 0.5 | 0.5 | 7.01 | 3 | 1.10 | 7.2 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101539 | 18.7 | 0.05 | 0.05 | 0.30 | 2.17 | 0.5 | 0.79 | 0.5 | 0.5 | 6.59 | 3 | 2.07 | 8.7 | 0.19 | 0.05 | 0.02 | 0.2 | 0.4 | 3 |
| SA5101540 | 41.1 | 0.14 | 0.38 | 2.50 | 1.25 | 0.5 | 0.62 | 0.5 | 0.5 | 7.25 | 3 | 2.19 | 11.4 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101541 | 27.7 | 0.16 | 0.64 | 2.23 | 1.39 | 0.5 | 0.56 | 0.5 | 0.6 | 7.07 | 3 | 1.18 | 11.7 | 0.11 | 0.05 | 0.01 | 0.6 | 0.05 | 1 |
| SA5101542 | 1.6 | 0.07 | 0.32 | 0.43 | 1.39 | 0.5 | 0.86 | 0.5 | 0.5 | 6.65 | 3 | 1.86 | 11.2 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101543 | 0.5 | 0.06 | 0.34 | 0.12 | 4.11 | 0.5 | 0.45 | 0.5 | 1.5 | 5.25 | 5 | 0.20 | 2.4 | 0.10 | 0.4 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101544 | 8.1 | 0.14 | 0.37 | 0.70 | 0.52 | 0.5 | 0.89 | 0.5 | 3.1 | 6.76 | 3 | 1.64 | 8.4 | 0.22 | 0.05 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101545 | 36.5 | 0.15 | 0.53 | 0.43 | 1.77 | 0.5 | 0.91 | 0.5 | 0.8 | 6.76 | 3 | 2.08 | 9.8 | 0.22 | 0.2 | 0.02 | 0.1 | 0.2 | 1 |
| SA5101546 | 15.0 | 0.17 | 0.27 | 0.56 | 0.25 | 0.5 | 0.79 | 0.5 | 1.0 | 6.80 | 3 | 1.75 | 9.2 | 0.22 | 0.05 | 0.01 | 0.4 | 0.1 | 1 |
| SA5101547 | 54.3 | 0.13 | 0.30 | 0.37 | 0.63 | 0.5 | 0.74 | 0.5 | 0.5 | 6.55 | 6 | 1.61 | 6.2 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101548 | 52.0 | 0.25 | 0.50 | 0.44 | 0.51 | 0.5 | 0.81 | 0.5 | 0.5 | 6.84 | 3 | 1.59 | 7.8 | 0.23 | 0.05 | 0.01 | 0.1 | 0.4 | 1 |
| SA5101549 | 36.1 | 0.15 | 0.61 | 0.31 | 1.23 | 0.5 | 0.98 | 0.5 | 1.0 | 6.70 | 3 | 2.12 | 10.0 | 0.20 | 0.2 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101550 | 16.7 | 0.05 | 0.05 | 0.26 | 2.19 | 0.5 | 0.94 | 0.5 | 1.0 | 6.34 | 6 | 2.73 | 9.9 | 0.22 | 0.6 | 0.03 | 0.1 | 0.1 | 1 |
| SA5101551 | 27.8 | 0.18 | 0.28 | 2.24 | 1.45 | 0.5 | 0.52 | 0.5 | 0.9 | 7.04 | 4 | 1.18 | 11.5 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101552 | 48.1 | 0.08 | 0.05 | 0.49 | 1.64 | 0.5 | 1.26 | 0.5 | 1.5 | 6.95 | 3 | 4.01 | 14.9 | 0.28 | 0.5 | 0.02 | 0.1 | 0.3 | 1 |
| SA5101553 | 64.2 | 0.11 | 1.08 | 0.75 | 22.62 | 0.5 | 0.71 | 0.5 | 0.9 | 7.26 | 4 | 1.61 | 21.2 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101554 | 77.0 | 0.18 | 1.54 | 0.46 | 2.46 | 0.5 | 0.56 | 0.5 | 1.0 | 7.37 | 3 | 0.96 | 19.2 | 0.20 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101555 | 20.8 | 0.31 | 0.39 | 0.36 | 1.82 | 0.5 | 0.88 | 0.5 | 1.4 | 6.79 | 3 | 0.47 | 9.7 | 0.28 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101556 | 0.5 | 0.05 | 0.13 | 0.05 | 4.31 | 0.5 | 0.33 | 0.5 | 0.5 | 5.35 | 3 | 0.05 | 1.5 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101557 | 30.4 | 0.12 | 0.47 | 0.52 | 0.89 | 0.5 | 0.39 | 0.5 | 0.5 | 6.43 | 3 | 0.12 | 7.7 | 0.10 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101558 | 33.8 | 0.14 | 0.38 | 1.06 | 1.19 | 0.5 | 0.53 | 0.5 | 0.5 | 6.98 | 3 | 0.43 | 12.5 | 0.19 | 0.1 | 0.01 | 0.3 | 0.1 | 2 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101559 | 41.7 | 0.12 | 0.62 | 0.48 | 0.64 | 0.5 | 1.19 | 0.5 | 0.7 | 6.83 | 3 | 3.36 | 12.8 | 0.24 | 0.6 | 0.02 | 0.1 | 0.1 | 1 |
| SA5101560 | 93.2 | 0.22 | 0.51 | 0.46 | 0.25 | 0.5 | 1.09 | 0.5 | 0.5 | 6.97 | 3 | 2.55 | 13.0 | 0.24 | 0.05 | 0.02 | 0.1 | 0.1 | 0.5 |
| SA5101561 | 70.1 | 0.19 | 0.55 | 0.62 | 0.25 | 0.5 | 0.92 | 0.5 | 1.4 | 6.88 | 3 | 1.99 | 9.6 | 0.25 | 0.3 | 0.02 | 0.1 | 0.2 | 0.5 |
| SA5101562 | 25.9 | 0.06 | 0.81 | 0.81 | 0.71 | 0.5 | 0.81 | 0.5 | 0.5 | 6.98 | 3 | 2.62 | 8.9 | 0.25 | 0.1 | 0.03 | 0.3 | 0.05 | 1 |
| SA5101563 | 0.5 | 0.02 | 0.21 | 0.12 | 1.27 | 0.5 | 0.54 | 1.0 | 0.5 | 5.78 | 3 | 0.41 | 4.3 | 0.11 | 0.3 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101564 | 40.8 | 0.14 | 0.64 | 0.48 | 0.90 | 0.5 | 1.03 | 0.5 | 0.5 | 6.88 | 3 | 2.59 | 10.9 | 0.26 | 0.2 | 0.02 | 0.7 | 0.3 | 1 |
| SA5101565 | 43.7 | 0.09 | 0.68 | 0.23 | 1.01 | 0.5 | 0.55 | 0.5 | 1.0 | 6.57 | 3 | 1.29 | 7.5 | 0.19 | 0.05 | 0.01 | 0.1 | 0.1 | 2 |
| SA5101566 | 37.9 | 0.11 | 0.68 | 0.98 | 0.25 | 0.5 | 0.77 | 0.5 | 0.5 | 6.88 | 3 | 1.69 | 8.0 | 0.17 | 0.1 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101567 | 61.7 | 0.13 | 0.72 | 0.55 | 0.71 | 0.5 | 0.84 | 0.5 | 3.7 | 6.56 | 3 | 1.68 | 8.0 | 0.28 | 0.3 | 0.03 | 0.1 | 0.2 | 2 |
| SA5101568 | 81.9 | 0.29 | 0.11 | 0.82 | 0.25 | 0.5 | 0.78 | 0.5 | 1.2 | 6.89 | 3 | 1.50 | 7.1 | 0.29 | 0.05 | 0.04 | 0.1 | 0.05 | 1 |
| SA5101569 | 67.3 | 0.18 | 0.78 | 0.78 | 1.97 | 0.5 | 0.77 | 0.5 | 0.8 | 6.76 | 3 | 2.18 | 9.8 | 0.31 | 0.05 | 0.03 | 0.1 | 0.05 | 1 |
| SA5101570 | 67.0 | 0.24 | 0.86 | 0.86 | 2.08 | 0.5 | 0.84 | 0.5 | 1.7 | 6.90 | 3 | 2.29 | 10.0 | 0.33 | 0.4 | 0.03 | 0.1 | 0.1 | 1 |
| SA5101571 | 14.1 | 0.35 | 0.38 | 0.28 | 1.08 | 0.5 | 0.58 | 0.5 | 0.5 | 6.48 | 3 | 0.46 | 5.1 | 0.36 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101572 | 57.4 | 0.39 | 1.15 | 0.47 | 0.67 | 0.5 | 0.85 | 0.5 | 0.5 | 6.86 | 3 | 2.72 | 10.9 | 0.39 | 0.05 | 0.02 | 0.8 | 0.2 | 0.5 |
| SA5101573 | 34.8 | 0.11 | 0.61 | 1.06 | 0.25 | 0.5 | 0.77 | 0.5 | 2.4 | 6.65 | 3 | 1.82 | 8.8 | 0.16 | 0.2 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101574 | 209.1 | 0.29 | 0.79 | 0.69 | 4.72 | 0.5 | 0.79 | 0.5 | 1.0 | 6.73 | 3 | 1.85 | 11.3 | 0.30 | 0.05 | 0.02 | 0.1 | 0.2 | 0.5 |
| SA5101575 | 1.5 | 0.07 | 0.61 | 0.24 | 4.55 | 0.5 | 0.46 | 0.5 | 0.5 | 6.17 | 3 | 0.26 | 6.7 | 0.09 | 0.1 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101576 | 93.1 | 0.34 | 0.90 | 0.52 | 0.90 | 0.5 | 0.91 | 0.5 | 0.5 | 6.83 | 3 | 2.61 | 12.1 | 0.42 | 0.2 | 0.06 | 0.1 | 0.4 | 1 |
| SA5101577 | 93.7 | 0.34 | 0.84 | 0.77 | 1.51 | 0.5 | 0.92 | 0.5 | 0.5 | 6.93 | 3 | 2.50 | 12.0 | 0.44 | 0.1 | 0.04 | 0.1 | 0.2 | 0.5 |
| SA5101578 | 33.1 | 0.28 | 0.95 | 0.53 | 2.41 | 0.5 | 0.73 | 0.5 | 0.5 | 6.59 | 3 | 1.42 | 8.0 | 0.34 | 0.4 | 0.03 | 0.1 | 0.1 | 1 |
| SA5101579 | 65.0 | 0.20 | 1.08 | 0.40 | 0.70 | 0.5 | 0.77 | 0.5 | 1.3 | 6.60 | 3 | 1.54 | 7.0 | 0.33 | 0.4 | 0.02 | 0.4 | 0.4 | 1 |
| SA5101580 | 86.0 | 0.20 | 1.16 | 0.73 | 1.86 | 0.5 | 0.79 | 0.5 | 0.5 | 6.79 | 3 | 2.30 | 9.9 | 0.33 | 0.05 | 0.03 | 0.1 | 0.2 | 0.5 |
| SA5101581 | 65.5 | 0.18 | 0.98 | 0.74 | 1.99 | 0.5 | 0.77 | 0.5 | 0.5 | 6.86 | 3 | 2.19 | 10.0 | 0.31 | 0.1 | 0.03 | 0.1 | 0.3 | 1 |
| SA5101582 | 69.1 | 0.32 | 0.78 | 0.73 | 0.75 | 0.5 | 0.84 | 0.5 | 0.9 | 6.98 | 3 | 2.43 | 9.6 | 0.47 | 0.05 | 0.03 | 0.1 | 0.2 | 0.5 |
| SA5101583 | 78.8 | 0.14 | 1.59 | 0.73 | 1.14 | 0.5 | 0.41 | 0.5 | 0.5 | 7.16 | 3 | 1.33 | 14.2 | 0.10 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101584 | 121.7 | 0.16 | 0.99 | 0.81 | 3.23 | 0.5 | 0.70 | 0.5 | 0.5 | 6.93 | 4 | 1.90 | 17.7 | 0.18 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101585 | 35.1 | 0.18 | 0.20 | 0.26 | 2.06 | 0.5 | 0.44 | 0.5 | 0.5 | 6.02 | 3 | 0.27 | 3.4 | 0.25 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101586 | 86.2 | 0.33 | 1.30 | 1.34 | 11.29 | 0.5 | 0.81 | 0.5 | 0.5 | 6.43 | 7 | 1.75 | 24.9 | 0.52 | 0.05 | 0.03 | 0.1 | 0.3 | 2 |
| SA5101587 | 0.5 | 0.06 | 0.43 | 0.15 | 10.74 | 0.5 | 0.22 | 0.5 | 0.5 | 4.74 | 5 | 0.20 | 3.4 | 0.10 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101588 | 19.5 | 0.12 | 0.30 | 0.49 | 0.25 | 0.5 | 0.77 | 0.5 | 1.5 | 6.92 | 3 | 1.82 | 9.2 | 0.21 | 0.05 | 0.02 | 0.1 | 0.1 | 0.5 |
| SA5101589 | 15.7 | 0.15 | 0.62 | 0.52 | 0.25 | 0.5 | 0.97 | 6.0 | 0.5 | 6.61 | 4 | 3.32 | 11.8 | 0.22 | 0.3 | 0.01 | 0.1 | 0.2 | 2 |
| SA5101590 | 0.5 | 0.06 | 0.68 | 0.44 | 0.25 | 0.5 | 0.71 | 0.5 | 0.5 | 6.77 | 3 | 1.91 | 8.8 | 0.19 | 0.1 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101591 | 0.5 | 0.06 | 0.41 | 0.29 | 1.03 | 0.5 | 0.47 | 0.5 | 1.4 | 6.35 | 3 | 0.57 | 6.0 | 0.15 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101592 | 7.9 | 0.08 | 0.74 | 0.68 | 1.74 | 0.5 | 0.92 | 0.5 | 0.5 | 7.07 | 9 | 3.31 | 14.5 | 0.23 | 0.05 | 0.01 | 0.1 | 0.3 | 2 |
| SA5101593 | 9.2 | 0.17 | 0.39 | 0.56 | 1.45 | 0.5 | 0.75 | 0.5 | 0.5 | 6.88 | 3 | 1.85 | 10.0 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 6 |
| SA5101594 | 6.9 | 0.13 | 0.32 | 0.50 | 0.25 | 0.5 | 0.72 | 0.5 | 0.5 | 7.01 | 3 | 1.83 | 9.4 | 0.18 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101595 | 0.5 | 0.06 | 0.32 | 0.36 | 0.86 | 0.5 | 0.62 | 0.5 | 0.5 | 6.68 | 3 | 1.50 | 8.0 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101596 | 0.5 | 0.09 | 0.12 | 0.50 | 0.25 | 0.5 | 0.64 | 0.5 | 0.5 | 6.87 | 3 | 1.87 | 8.2 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101597 | 0.5 | 0.07 | 0.39 | 0.49 | 0.63 | 0.5 | 0.69 | 0.5 | 0.8 | 6.95 | 3 | 1.86 | 8.7 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101598 | 0.5 | 0.13 | 0.37 | 0.35 | 0.51 | 0.5 | 0.64 | 0.5 | 0.5 | 5.77 | 3 | 1.15 | 9.0 | 0.21 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101599 | 6.8 | 0.11 | 0.05 | 0.70 | 3.90 | 0.5 | 1.01 | 0.5 | 0.5 | 6.97 | 3 | 3.55 | 15.0 | 0.22 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101600 | 0.5 | 0.09 | 0.10 | 0.45 | 0.61 | 0.5 | 0.79 | 0.5 | 1.6 | 6.87 | 3 | 2.36 | 10.6 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101601 | 0.5 | 0.06 | 0.05 | 0.47 | 1.15 | 0.5 | 0.80 | 0.5 | 0.5 | 6.94 | 3 | 3.00 | 11.9 | 0.17 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101602 | 0.5 | 0.15 | 0.05 | 0.26 | 0.68 | 0.5 | 0.42 | 0.5 | 0.5 | 6.74 | 3 | 0.54 | 4.7 | 0.10 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101603 | 3.1 | 0.26 | 0.37 | 0.60 | 0.25 | 0.5 | 0.95 | 0.5 | 0.5 | 6.89 | 3 | 2.24 | 10.7 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101604 | 0.5 | 0.06 | 0.05 | 0.10 | 1.97 | 0.5 | 0.37 | 0.5 | 0.7 | 5.42 | 8 | 1.09 | 1.6 | 0.09 | 0.3 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101605 | 0.5 | 0.18 | 0.05 | 0.51 | 0.25 | 0.5 | 0.64 | 0.5 | 0.5 | 6.76 | 3 | 2.59 | 9.4 | 0.22 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101606 | 0.5 | 0.12 | 0.05 | 0.52 | 1.26 | 0.5 | 0.74 | 0.5 | 2.2 | 6.88 | 3 | 2.63 | 9.3 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101607 | 2.6 | 0.11 | 0.05 | 0.68 | 1.92 | 0.5 | 0.87 | 0.5 | 0.5 | 6.93 | 3 | 2.72 | 12.5 | 0.18 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101608 | 0.5 | 0.09 | 0.63 | 0.17 | 0.63 | 0.5 | 0.54 | 0.5 | 0.5 | 6.31 | 3 | 0.25 | 4.4 | 0.15 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101609 | 0.5 | 0.08 | 0.05 | 0.52 | 0.57 | 0.5 | 0.77 | 0.5 | 0.5 | 6.91 | 3 | 2.57 | 9.3 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101610 | 0.5 | 0.05 | 0.26 | 0.16 | 0.25 | 0.5 | 0.44 | 0.5 | 0.5 | 6.58 | 3 | 1.16 | 6.7 | 0.12 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101611 | 0.5 | 0.01 | 0.21 | 0.02 | 1.02 | 0.5 | 0.13 | 0.5 | 0.5 | 5.56 | 8 | 0.005 | 0.7 | 0.08 | 0.05 | 0.01 | 0.1 | 0.1 | 5 |
| SA5101612 | 0.5 | 0.12 | 0.25 | 0.29 | 0.25 | 0.5 | 0.83 | 0.5 | 0.5 | 6.79 | 3 | 2.07 | 10.4 | 0.22 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101613 | 0.5 | 0.17 | 0.16 | 0.80 | 5.70 | 0.5 | 0.87 | 0.5 | 0.9 | 6.75 | 3 | 2.21 | 14.9 | 0.38 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101614 | 0.5 | 0.18 | 0.22 | 0.53 | 1.22 | 0.5 | 0.77 | 0.5 | 0.5 | 6.62 | 3 | 1.21 | 11.4 | 0.29 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101615 | 0.5 | 0.12 | 0.29 | 0.47 | 2.04 | 0.5 | 0.65 | 0.5 | 1.7 | 6.62 | 3 | 1.56 | 8.9 | 0.18 | 0.3 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101616 | 0.5 | 0.18 | 0.72 | 0.82 | 2.37 | 0.5 | 0.78 | 0.5 | 0.5 | 6.81 | 3 | 2.00 | 13.4 | 0.27 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101617 | 0.5 | 0.12 | 0.27 | 0.72 | 2.61 | 0.5 | 0.80 | 0.5 | 0.6 | 6.84 | 3 | 2.64 | 15.1 | 0.28 | 0.4 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101618 | 3.2 | 0.31 | 0.53 | 1.44 | 2.12 | 0.5 | 0.66 | 0.5 | 0.5 | 7.04 | 3 | 2.25 | 21.6 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101619 | 0.5 | 0.21 | 0.53 | 0.93 | 3.37 | 0.5 | 0.64 | 0.5 | 0.8 | 6.84 | 5 | 0.45 | 22.7 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101620 | 0.5 | 0.08 | 0.35 | 0.11 | 2.87 | 0.5 | 0.26 | 0.5 | 0.5 | 4.83 | 3 | 0.02 | 2.7 | 0.09 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101621 | 0.5 | 0.13 | 0.47 | 0.31 | 0.25 | 0.5 | 0.44 | 0.5 | 0.5 | 6.14 | 3 | 0.29 | 4.5 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101622 | 13.6 | 0.22 | 0.52 | 0.71 | 2.58 | 0.5 | 0.86 | 0.5 | 0.5 | 6.80 | 3 | 1.36 | 11.5 | 0.51 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101623 | 2.1 | 0.10 | 0.30 | 0.35 | 4.59 | 0.5 | 0.57 | 0.5 | 0.5 | 5.83 | 3 | 1.55 | 7.0 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101624 | 0.5 | 0.10 | 0.33 | 0.29 | 6.27 | 0.5 | 0.63 | 0.5 | 1.0 | 5.45 | 3 | 0.95 | 8.9 | 0.11 | 0.4 | 0.01 | 0.3 | 0.05 | 12 |
| SA5101625 | 26.5 | 0.23 | 0.92 | 0.71 | 2.06 | 0.5 | 0.82 | 0.5 | 1.7 | 6.88 | 3 | 1.14 | 10.9 | 0.30 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101626 | 10.0 | 0.08 | 0.21 | 0.33 | 2.21 | 0.5 | 0.63 | 0.5 | 0.5 | 6.35 | 3 | 0.70 | 7.2 | 0.11 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101627 | 110.6 | 0.25 | 0.19 | 0.54 | 1.86 | 0.5 | 0.87 | 0.5 | 0.5 | 7.01 | 3 | 2.15 | 10.6 | 0.42 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101628 | 71.8 | 0.25 | 0.40 | 0.51 | 0.25 | 0.5 | 0.64 | 0.5 | 0.5 | 6.82 | 3 | 0.66 | 7.6 | 0.30 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101629 | 31.8 | 0.27 | 0.60 | 0.90 | 0.73 | 0.5 | 0.95 | 0.5 | 0.5 | 7.14 | 3 | 2.81 | 15.3 | 0.51 | 0.05 | 0.03 | 0.1 | 0.1 | 1 |
| SA5101630 | 38.7 | 0.32 | 0.51 | 0.66 | 1.82 | 0.5 | 0.89 | 0.5 | 9.4 | 6.90 | 3 | 2.65 | 12.3 | 0.58 | 0.2 | 0.03 | 0.1 | 0.2 | 2 |
| SA5101631 | 27.1 | 0.30 | 0.15 | 0.85 | 2.20 | 0.5 | 0.95 | 0.5 | 2.2 | 6.97 | 3 | 2.98 | 15.3 | 0.55 | 0.05 | 0.03 | 0.1 | 0.05 | 1 |
| SA5101632 | 5.2 | 0.21 | 0.55 | 0.97 | 1.28 | 0.5 | 0.89 | 0.5 | 1.9 | 6.85 | 3 | 3.26 | 15.4 | 0.44 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101633 | 6.8 | 0.10 | 0.45 | 0.70 | 1.61 | 0.5 | 0.60 | 0.5 | 3.8 | 6.36 | 6 | 0.33 | 7.4 | 0.23 | 0.3 | 0.01 | 0.1 | 0.1 | 3 |
| SA5101634 | 14.0 | 0.22 | 0.69 | 1.02 | 2.91 | 0.5 | 0.89 | 0.5 | 4.2 | 7.26 | 3 | 2.58 | 15.6 | 0.34 | 0.2 | 0.01 | 0.1 | 0.1 | 4 |
| SA5101635 | 2.8 | 0.08 | 0.05 | 0.58 | 0.54 | 0.5 | 0.68 | 0.5 | 0.5 | 6.91 | 3 | 1.65 | 10.6 | 0.21 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101636 | 8.2 | 0.13 | 0.41 | 0.70 | 0.83 | 0.5 | 0.73 | 0.5 | 0.5 | 7.08 | 3 | 1.93 | 12.2 | 0.24 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101637 | 31.0 | 0.32 | 0.49 | 0.93 | 1.02 | 0.5 | 0.99 | 0.5 | 0.5 | 7.08 | 3 | 2.86 | 15.6 | 0.53 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101638 | 0.5 | 0.09 | 0.38 | 0.76 | 0.58 | 0.5 | 0.68 | 0.5 | 3.1 | 6.93 | 3 | 1.91 | 14.7 | 0.29 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101639 | 4.3 | 0.07 | 0.05 | 1.12 | 5.27 | 0.5 | 0.83 | 0.5 | 0.5 | 7.08 | 3 | 2.67 | 12.8 | 0.24 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101640 | 4.2 | 0.08 | 0.42 | 0.79 | 0.25 | 0.5 | 0.63 | 37.8 | 0.5 | 6.94 | 4 | 1.18 | 9.3 | 0.24 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101641 | 0.5 | 0.06 | 0.19 | 0.56 | 1.21 | 0.5 | 0.65 | 0.5 | 0.9 | 6.73 | 3 | 2.07 | 9.9 | 0.16 | 0.4 | 0.02 | 0.1 | 0.3 | 1 |
| SA5101642 | 0.5 | 0.15 | 0.32 | 0.42 | 0.73 | 0.5 | 0.48 | 0.5 | 2.9 | 6.62 | 6 | 0.62 | 6.0 | 0.14 | 0.2 | 0.02 | 0.1 | 0.05 | 1 |
| SA5101643 | 0.5 | 0.06 | 0.55 | 0.14 | 6.08 | 0.5 | 0.14 | 0.8 | 0.9 | 5.69 | 7 | 0.005 | 2.0 | 0.14 | 0.1 | 0.01 | 0.3 | 0.1 | 3 |
| SA5101644 | 2.5 | 0.13 | 0.05 | 0.52 | 0.56 | 0.5 | 0.71 | 0.5 | 0.6 | 6.88 | 3 | 1.49 | 8.2 | 0.19 | 0.2 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101645 | 0.5 | 0.17 | 0.23 | 0.54 | 0.25 | 0.5 | 0.76 | 0.5 | 0.9 | 6.91 | 3 | 1.82 | 9.5 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101646 | 0.5 | 0.16 | 0.34 | 0.50 | 0.25 | 0.5 | 0.74 | 0.5 | 0.7 | 6.96 | 3 | 1.85 | 9.3 | 0.21 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101647 | 0.5 | 0.14 | 0.29 | 0.53 | 2.09 | 0.5 | 0.78 | 0.5 | 0.5 | 6.87 | 3 | 2.13 | 10.2 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101648 | 1.2 | 0.15 | 0.12 | 0.50 | 1.73 | 0.5 | 1.00 | 0.5 | 0.5 | 6.99 | 3 | 3.34 | 13.4 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101649 | 10.3 | 0.19 | 0.58 | 0.56 | 0.25 | 0.5 | 0.83 | 0.5 | 0.9 | 6.85 | 3 | 2.51 | 11.7 | 0.25 | 0.1 | 0.01 | 0.1 | 0.05 | 4 |
| SA5101650 | 14.5 | 0.16 | 0.49 | 0.74 | 2.79 | 0.5 | 0.97 | 0.5 | 0.7 | 6.88 | 5 | 2.47 | 12.5 | 0.21 | 0.2 | 0.01 | 0.5 | 0.1 | 1 |
| SA5101651 | 5.9 | 0.12 | 0.14 | 0.51 | 1.97 | 0.5 | 0.66 | 0.5 | 0.5 | 6.94 | 3 | 1.65 | 7.8 | 0.16 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101652 | 0.5 | 0.09 | 0.31 | 0.06 | 4.11 | 0.5 | 0.24 | 0.5 | 0.5 | 5.52 | 9 | 0.32 | 1.4 | 0.11 | 0.1 | 0.01 | 0.6 | 0.05 | 2 |
| SA5101653 | 9.2 | 0.11 | 0.16 | 0.56 | 4.29 | 0.5 | 0.68 | 0.5 | 1.1 | 6.94 | 3 | 1.90 | 9.8 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101654 | 0.5 | 0.12 | 0.05 | 0.54 | 0.25 | 0.5 | 0.74 | 0.5 | 0.5 | 6.91 | 3 | 1.88 | 9.5 | 0.19 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101655 | 2.7 | 0.06 | 0.10 | 0.46 | 0.73 | 0.5 | 0.55 | 0.5 | 0.5 | 6.88 | 3 | 1.43 | 6.9 | 0.16 | 0.1 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101656 | 7.7 | 0.19 | -9 | 0.76 | 1.81 | -9.0 | 1.14 | -9 | -9 | 6.58 | -9 | 3.45 | -9 | 0.30 | -9 | 0.03 | -9 | -9 | -9 |
| SA5101657 | 0.5 | 0.10 | 0.47 | 0.59 | 0.25 | 0.5 | 0.81 | 0.5 | 0.7 | 6.86 | 3 | 2.43 | 11.2 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101658 | 0.5 | 0.02 | 0.32 | 0.03 | 2.73 | 0.5 | 0.15 | 0.5 | 0.5 | 5.40 | 4 | 0.24 | 1.4 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101659 | 0.5 | 0.10 | 0.62 | 0.61 | 2.65 | 0.5 | 0.71 | 0.5 | 0.5 | 6.92 | 3 | 2.10 | 10.0 | 0.18 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101660 | 0.5 | 0.01 | 0.25 | 0.02 | 1.19 | 0.5 | 0.12 | 4.4 | 2.1 | 5.45 | 3 | 0.005 | 0.4 | 0.11 | 0.3 | 0.01 | 0.6 | 0.05 | 1 |
| SA5101661 | 0.5 | 0.01 | 0.11 | 0.02 | 1.08 | 0.5 | 0.08 | 0.5 | 0.5 | 5.38 | 3 | 0.005 | 0.3 | 0.10 | 0.05 | 0.01 | 0.1 | 0.1 | 4 |
| SA5101662 | 0.5 | 0.04 | 0.20 | 0.46 | 0.68 | 0.5 | 0.68 | 0.5 | 0.5 | 6.95 | 3 | 2.13 | 9.0 | 0.14 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101663 | 0.5 | 0.03 | 0.05 | 0.45 | 0.25 | 0.5 | 0.65 | 0.5 | 0.5 | 6.97 | 3 | 2.05 | 8.8 | 0.16 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101664 | 0.5 | 0.03 | 0.23 | 0.42 | 0.68 | 0.5 | 0.66 | 0.5 | 0.8 | 6.59 | 3 | 1.31 | 9.2 | 0.14 | 0.1 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101665 | 0.5 | 0.03 | 0.18 | 0.17 | 0.25 | 0.5 | 0.40 | 0.5 | 0.5 | 5.76 | 3 | 0.48 | 5.6 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101666 | 0.5 | 0.07 | 0.05 | 0.56 | 0.78 | 0.5 | 0.64 | 0.5 | 0.5 | 6.85 | 3 | 1.69 | 7.6 | 0.17 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101667 | 0.5 | 0.01 | 0.05 | 0.18 | 1.46 | 0.5 | 0.34 | 0.5 | 0.5 | 5.99 | 3 | 0.08 | 3.0 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101668 | 0.5 | 0.04 | 0.05 | 0.42 | 0.64 | 0.5 | 0.69 | 0.5 | 0.5 | 6.77 | 3 | 2.10 | 9.9 | 0.12 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101669 | 0.5 | 0.09 | 0.05 | 0.56 | 0.25 | 0.5 | 0.71 | 0.5 | 0.5 | 6.90 | 3 | 1.32 | 8.1 | 0.14 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 |
| SA5101670 | 0.5 | 0.09 | 0.05 | 0.88 | 1.08 | 0.5 | 0.80 | 0.5 | 0.5 | 6.45 | 3 | 2.60 | 12.3 | 0.13 | 0.1 | 0.01 | 2.2 | 0.05 | 3 |
| SA5101671 | 0.5 | 0.01 | 0.05 | 0.02 | 1.10 | 0.5 | 0.13 | 0.5 | 0.5 | 4.62 | 3 | 0.005 | 0.4 | 0.10 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101672 | 0.5 | 0.06 | 0.05 | 0.62 | 0.25 | 0.5 | 0.57 | 0.5 | 0.5 | 6.80 | 3 | 1.11 | 7.1 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101673 | 30.3 | 0.08 | 0.05 | 0.75 | 1.31 | 0.5 | 0.67 | 0.5 | 0.5 | 6.92 | 3 | 1.83 | 9.8 | 0.14 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101674 | 0.5 | 0.14 | 0.19 | 0.76 | 0.79 | 0.5 | 0.66 | 0.5 | 0.5 | 6.91 | 3 | 1.68 | 7.9 | 0.15 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101675 | 0.5 | 0.09 | 0.05 | 0.88 | 1.65 | 0.5 | 0.84 | 0.5 | 0.7 | 6.91 | 3 | 2.47 | 12.3 | 0.18 | 0.2 | 0.01 | 0.4 | 0.1 | 0.5 |
| SA5101676 | 0.5 | 0.07 | 0.05 | 0.71 | 0.82 | 0.5 | 0.96 | 0.5 | 0.5 | 6.44 | 4 | 3.65 | 12.9 | 0.26 | 0.05 | 0.01 | 1.0 | 0.05 | 2 |
| SA5101677 | 0.5 | 0.04 | 0.05 | 0.33 | 0.25 | 0.5 | 0.53 | 0.5 | 0.5 | 6.31 | 3 | 1.70 | 7.0 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101678 | 1.2 | 0.11 | 0.05 | 1.07 | 0.25 | 0.5 | 0.58 | 0.5 | 0.5 | 7.12 | 3 | 1.38 | 11.9 | 0.22 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101679 | 2.3 | 0.16 | 0.05 | 0.65 | 0.25 | 0.5 | 0.77 | 0.5 | 0.5 | 7.06 | 3 | 1.91 | 11.6 | 0.23 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101680 | 1.4 | 0.15 | 0.05 | 0.90 | 2.62 | 0.5 | 0.66 | 0.5 | 0.5 | 6.87 | 4 | 1.56 | 11.6 | 0.30 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101681 | 6.0 | 0.10 | 0.05 | 0.66 | 0.71 | 0.5 | 0.63 | 0.5 | 0.5 | 6.98 | 3 | 1.34 | 9.6 | 0.21 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101682 | 0.5 | 0.13 | 0.05 | 0.70 | 0.54 | 0.5 | 0.77 | 0.5 | 0.5 | 7.04 | 3 | 2.67 | 13.2 | 0.29 | 0.05 | 0.01 | 1.1 | 0.05 | 1 |
| SA5101683 | 4.2 | 0.23 | 0.05 | 0.77 | 1.00 | 0.5 | 0.76 | 0.5 | 0.5 | 7.15 | 3 | 1.86 | 13.5 | 0.30 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101684 | 3.3 | 0.19 | 0.41 | 0.78 | 0.56 | 0.5 | 0.73 | 0.5 | 1.3 | 7.41 | 3 | 1.93 | 13.4 | 0.31 | 0.05 | 0.01 | 1.1 | 0.05 | 1 |
| SA5101685 | 0.5 | 0.03 | 0.05 | 0.28 | 0.25 | 0.5 | 0.45 | 0.5 | 0.5 | 5.96 | 3 | 0.59 | 5.1 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101686 | 0.5 | 0.15 | 0.05 | 0.40 | 0.25 | 0.5 | 0.56 | 2.0 | 0.5 | 6.72 | 3 | 1.30 | 6.5 | 0.23 | 0.05 | 0.01 | 0.8 | 0.05 | 6 |
| SA5101687 | 1.8 | 0.27 | 0.05 | 0.78 | 0.25 | 0.5 | 0.95 | 0.5 | 0.5 | 6.96 | 3 | 3.07 | 14.5 | 0.49 | 0.05 | 0.04 | 0.6 | 0.05 | 1 |
| SA5101688 | 5.4 | 0.24 | 0.35 | 0.76 | 0.73 | 0.5 | 0.89 | 0.5 | 0.5 | 7.04 | 3 | 2.92 | 14.0 | 0.56 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101689 | 30.2 | 0.30 | 0.39 | 0.64 | 0.25 | 0.5 | 0.82 | 0.5 | 0.5 | 7.02 | 3 | 2.56 | 11.6 | 0.59 | 0.05 | 0.03 | 0.1 | 0.05 | 0.5 |
| SA5101690 | 0.5 | 0.05 | 0.20 | 0.03 | 1.07 | 0.5 | 0.06 | 0.5 | 0.5 | 5.80 | 3 | 0.005 | 0.5 | 0.05 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101691 | 0.5 | 0.03 | 0.05 | 0.27 | 0.25 | 0.5 | 0.53 | 0.5 | 0.5 | 6.31 | 3 | 0.73 | 9.4 | 0.18 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101692 | 0.5 | 0.19 | 0.05 | 0.70 | 0.25 | 0.5 | 0.70 | 0.5 | 0.5 | 6.92 | 3 | 1.98 | 14.7 | 0.20 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101693 | 0.5 | 0.09 | 0.05 | 0.08 | 3.24 | 0.5 | 0.19 | 0.5 | 1.9 | 5.45 | 3 | 0.005 | 1.7 | 0.08 | 0.2 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101694 | 0.5 | 0.10 | 0.05 | 0.17 | 0.72 | 0.5 | 0.31 | 0.5 | 0.5 | 6.18 | 3 | 0.005 | 3.6 | 0.09 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101695 | 9.8 | 0.29 | 0.25 | 0.79 | 1.32 | 0.5 | 0.81 | 0.5 | 0.5 | 7.04 | 3 | 1.62 | 13.1 | 0.46 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101696 | 8.1 | 0.23 | 0.16 | 0.91 | 1.04 | 0.5 | 0.96 | 0.5 | 0.5 | 7.15 | 3 | 2.25 | 18.2 | 0.38 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101697 | 39.5 | 0.26 | 0.05 | 0.70 | 1.27 | 0.5 | 0.75 | 0.5 | 0.5 | 6.39 | 9 | 1.31 | 12.3 | 0.38 | 2.8 | 0.01 | 0.6 | 0.05 | 3 |
| SA5101698 | 14.5 | 0.25 | 0.27 | 0.68 | 2.83 | 0.5 | 0.77 | 0.5 | 0.5 | 6.65 | 3 | 2.06 | 13.7 | 0.33 | 0.05 | 0.01 | 0.2 | 0.05 | 2 |
| SA5101699 | 16.2 | 0.03 | 0.05 | 0.14 | 1.68 | 0.5 | 0.42 | 0.5 | 0.5 | 5.97 | 4 | 0.35 | 3.8 | 0.18 | 0.2 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101700 | 0.5 | 0.21 | 0.05 | 0.47 | 0.88 | 0.5 | 0.73 | 0.5 | 1.0 | 6.47 | 3 | 1.96 | 9.5 | 0.28 | 0.1 | 0.01 | 0.2 | 0.05 | 1 |
| SA5101701 | 69.4 | 0.23 | 0.05 | 0.69 | 2.18 | 0.5 | 0.86 | 0.5 | 0.5 | 6.90 | 3 | 1.83 | 12.7 | 0.33 | 0.05 | 0.01 | 0.8 | 0.05 | 0.5 |
| SA5101702 | 210.1 | 0.47 | 0.57 | 1.79 | 2.70 | 0.5 | 1.25 | 0.5 | 2.3 | 7.23 | 3 | 2.39 | 24.7 | 0.57 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101703 | 8.2 | 0.16 | 0.05 | 0.56 | 0.95 | 0.5 | 0.73 | 0.5 | 0.5 | 6.66 | 3 | 0.77 | 8.7 | 0.21 | 0.05 | 0.01 | 0.2 | 0.05 | 1 |
| SA5101704 | 8.8 | 0.27 | 0.41 | 0.76 | 3.44 | 0.5 | 0.78 | 0.5 | 3.4 | 6.72 | 3 | 1.46 | 12.1 | 0.40 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101705 | 1.2 | 0.26 | 0.17 | 0.61 | 0.74 | 0.5 | 0.65 | 0.5 | 0.5 | 7.00 | 3 | 0.72 | 12.0 | 0.44 | 0.05 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101706 | 0.5 | 0.05 | 0.05 | 0.34 | 1.18 | 0.5 | 0.20 | 0.5 | 0.5 | 6.35 | 3 | 0.005 | 5.0 | 0.12 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101707 | 0.5 | 0.15 | 0.05 | 0.56 | 0.25 | 0.5 | 0.55 | 0.5 | 0.5 | 6.77 | 3 | 1.18 | 15.1 | 0.29 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101708 | 0.5 | 0.02 | 0.05 | 0.09 | 1.72 | 0.5 | 0.18 | 0.5 | 0.5 | 5.93 | 8 | 0.005 | 2.3 | 0.11 | 0.05 | 0.01 | 0.9 | 0.05 | 2 |
| SA5101709 | 1.3 | 0.19 | 0.05 | 0.47 | 1.07 | 0.5 | 0.59 | 0.5 | 0.5 | 6.80 | 3 | 0.54 | 8.5 | 0.10 | 0.05 | 0.01 | 1.0 | 0.05 | 2 |
| SA5101710 | 0.5 | 0.32 | 0.21 | 1.11 | 1.60 | 0.5 | 0.89 | 0.5 | 0.5 | 6.87 | 3 | 1.43 | 32.3 | 0.48 | 0.05 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101711 | 2.3 | 0.25 | 0.05 | 0.81 | 3.94 | 0.5 | 0.79 | 0.5 | 0.8 | 6.81 | 3 | 1.66 | 19.4 | 0.37 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101712 | 4.9 | 0.17 | 0.05 | 0.65 | 1.15 | 0.5 | 0.72 | 0.5 | 1.0 | 7.00 | 3 | 1.19 | 11.3 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101713 | 0.5 | 0.20 | 0.05 | 0.56 | 0.51 | 0.5 | 0.59 | 0.5 | 0.5 | 6.95 | 3 | 1.11 | 14.6 | 0.30 | 0.05 | 0.01 | 0.6 | 0.05 | 2 |
| SA5101714 | 18.3 | 0.26 | 0.21 | 0.86 | 1.61 | 0.5 | 0.91 | 0.5 | 0.5 | 7.03 | 3 | 1.99 | 14.2 | 0.52 | 0.05 | 0.01 | 0.6 | 0.05 | 6 |
| SA5101715 | 13.8 | 0.21 | 0.05 | 0.80 | 7.13 | 0.5 | 0.97 | 2.5 | 0.5 | 6.96 | 3 | 2.47 | 16.5 | 0.32 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101716 | 154.6 | 0.26 | 0.32 | 0.60 | 0.66 | 0.5 | 0.85 | 0.5 | 0.6 | 6.99 | 3 | 1.73 | 12.6 | 0.20 | 0.05 | 0.01 | 1.0 | 0.05 | 1 |
| SA5101717 | 62.5 | 0.19 | 0.05 | 0.68 | 1.96 | 0.5 | 0.84 | 0.5 | 0.7 | 6.93 | 3 | 1.78 | 13.1 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101718 | 0.5 | -9 | -9 | -9 | -9 | -9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101719 | 4.3 | 0.18 | 0.05 | 0.52 | 0.25 | 0.5 | 0.62 | 0.5 | 0.5 | 6.86 | 3 | 1.13 | 9.5 | 0.30 | 0.05 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101720 | 7.6 | 0.32 | 0.36 | 0.74 | 1.85 | 0.5 | 0.73 | 0.5 | 0.5 | 7.00 | 3 | 2.10 | 14.2 | 0.54 | 0.05 | 0.01 | 0.9 | 0.05 | 1 |
| SA5101721 | 0.5 | 0.04 | 0.05 | 0.01 | 0.52 | 0.5 | 0.11 | 0.5 | 0.5 | 5.62 | 3 | 0.05 | 0.6 | 0.09 | 0.05 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101722 | 0.5 | 0.07 | 0.05 | 0.30 | 0.95 | 0.5 | 0.52 | 0.5 | 0.5 | 6.43 | 3 | 0.31 | 5.8 | 0.15 | 0.05 | 0.01 | 0.2 | 0.05 | 2 |
| SA5101723 | 1.0 | 0.16 | 0.05 | 0.69 | 1.63 | 0.5 | 0.69 | 0.7 | 0.5 | 7.09 | 3 | 1.29 | 17.8 | 0.31 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101724 | 0.5 | 0.20 | 0.05 | 0.30 | 0.25 | 0.5 | 0.56 | 0.5 | 0.5 | 6.86 | 3 | 1.62 | 6.3 | 0.30 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101725 | 0.5 | -9 | -9 | -9 | -9 | -9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| SA5101726 | 0.5 | 0.07 | 0.05 | 0.21 | 0.25 | 0.5 | 0.63 | 0.5 | 0.5 | 7.00 | 3 | 1.79 | 11.1 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101727 | 0.5 | 0.14 | 0.05 | 0.26 | 0.25 | 0.5 | 0.80 | 0.5 | 0.5 | 6.33 | 3 | 2.54 | 12.9 | 0.19 | 0.05 | 0.01 | 0.9 | 0.05 | 0.5 |
| SA5101728 | 3.8 | 0.19 | 0.05 | 0.35 | 2.75 | 0.5 | 0.71 | 0.5 | 0.5 | 6.90 | 3 | 1.36 | 9.9 | 0.25 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101729 | 0.5 | 0.06 | 0.05 | 0.25 | 0.25 | 0.5 | 0.68 | 0.5 | 0.5 | 6.86 | 3 | 1.97 | 12.6 | 0.15 | 0.3 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101730 | 0.5 | 0.05 | 0.05 | 0.51 | 0.83 | 0.5 | 0.73 | 0.5 | 0.5 | 6.93 | 3 | 2.64 | 11.9 | 0.20 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101731 | 3.0 | 0.14 | 0.05 | 0.52 | 1.08 | 0.5 | 0.73 | 0.5 | 0.5 | 7.09 | 3 | 1.96 | 10.4 | 0.19 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101732 | 0.5 | 0.02 | 0.05 | 0.06 | 1.50 | 0.5 | 0.35 | 0.7 | 0.5 | 5.35 | 6 | 0.16 | 2.7 | 0.08 | 0.4 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101733 | 0.5 | 0.03 | 0.05 | 0.52 | 0.74 | 0.5 | 0.68 | 0.5 | 0.5 | 6.90 | 3 | 2.59 | 11.9 | 0.20 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101734 | 0.5 | 0.03 | 0.05 | 0.34 | 0.69 | 0.5 | 0.57 | 0.5 | 0.5 | 6.74 | 3 | 0.82 | 9.9 | 0.16 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101735 | 0.5 | 0.07 | 0.05 | 0.07 | 1.87 | 0.5 | 0.22 | 0.5 | 0.6 | 5.26 | 3 | 0.03 | 3.0 | 0.08 | 0.1 | 0.01 | 0.2 | 0.05 | 2 |
| SA5101736 | 0.5 | 0.11 | 0.05 | 0.36 | 1.24 | 0.5 | 0.44 | 0.5 | 1.5 | 6.71 | 3 | 0.73 | 8.1 | 0.21 | 0.1 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101737 | 0.5 | 0.06 | 0.05 | 0.46 | 0.25 | 0.5 | 0.66 | 0.5 | 1.1 | 6.68 | 3 | 1.41 | 13.5 | 0.29 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101738 | 0.5 | 0.03 | 0.05 | 0.01 | 0.25 | 0.5 | 0.08 | 0.5 | 1.4 | 5.73 | 3 | 0.005 | 0.3 | 0.05 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101739 | 0.5 | 0.08 | 0.05 | 0.19 | 0.25 | 0.5 | 0.47 | 2.5 | 0.5 | 6.14 | 3 | 0.25 | 5.1 | 0.13 | 0.1 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101740 | 0.5 | 0.05 | 0.05 | 0.11 | 0.25 | 0.5 | 0.27 | 0.5 | 0.5 | 5.95 | 3 | 0.26 | 2.0 | 0.17 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101741 | 0.5 | 0.05 | 0.05 | 0.10 | 1.88 | 0.5 | 0.33 | 0.5 | 0.5 | 5.27 | 3 | 0.005 | 4.5 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101742 | 0.5 | 0.06 | 0.05 | 0.06 | 0.25 | 0.5 | 0.30 | 0.5 | 0.6 | 6.01 | 3 | 0.35 | 2.7 | 0.10 | 0.05 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101743 | 0.5 | 0.01 | 0.05 | 0.07 | 1.03 | 0.5 | 0.40 | 0.5 | 0.5 | 5.44 | 3 | 0.28 | 3.9 | 0.05 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101744 | 2.3 | 0.11 | 0.05 | 0.49 | 0.25 | 0.5 | 0.60 | 0.5 | 0.5 | 6.72 | 3 | 0.97 | 7.9 | 0.22 | 0.05 | 0.01 | 0.9 | 0.05 | 1 |
| SA5101745 | 0.5 | 0.24 | 0.05 | 0.64 | 1.61 | 0.5 | 0.66 | 0.5 | 0.5 | 6.93 | 3 | 1.55 | 11.6 | 0.41 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101746 | 19.0 | 0.01 | 0.05 | 0.02 | 1.46 | 0.5 | 0.14 | 0.5 | 0.5 | 5.69 | 4 | 0.005 | 0.3 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101747 | 0.5 | 0.01 | 0.05 | 0.02 | 0.66 | 0.5 | 0.14 | 0.5 | 1.4 | 5.27 | 3 | 0.56 | 1.5 | 0.04 | 0.2 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101748 | 27.7 | 0.23 | 0.05 | 0.63 | 1.05 | 0.5 | 0.72 | 0.5 | 1.6 | 7.00 | 3 | 1.75 | 11.5 | 0.44 | 0.05 | 0.01 | 1.1 | 0.05 | 0.5 |
| SA5101749 | 12.9 | 0.22 | 0.33 | 0.60 | 1.21 | 0.5 | 0.82 | 0.5 | 0.5 | 6.90 | 3 | 2.22 | 12.2 | 0.44 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101750 | 0.5 | 0.04 | 0.05 | 0.10 | 1.98 | 0.5 | 0.25 | 0.5 | 0.5 | 5.31 | 3 | 0.005 | 4.4 | 0.07 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101751 | 0.5 | 0.03 | 0.38 | 0.01 | 0.57 | 0.5 | 0.03 | 0.5 | 0.5 | 5.57 | 4 | 0.005 | 0.5 | 0.03 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101752 | 2.8 | 0.23 | 0.05 | 0.53 | 0.25 | 0.5 | 0.60 | 0.5 | 0.6 | 6.93 | 3 | 1.42 | 8.3 | 0.21 | 0.05 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101753 | 3.9 | 0.19 | 0.05 | 0.63 | 6.92 | 0.5 | 0.66 | 0.5 | 0.5 | 6.92 | 3 | 1.13 | 12.6 | 0.26 | 0.2 | 0.01 | 0.6 | 0.05 | 1 |
| SA5101754 | 0.5 | 0.01 | 0.05 | 0.01 | 0.25 | 0.5 | 0.12 | 0.5 | 0.5 | 5.92 | 3 | 0.12 | 0.4 | 0.07 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101755 | 0.5 | 0.12 | 0.05 | 0.76 | 1.24 | 0.5 | 0.72 | 0.5 | 0.5 | 7.03 | 3 | 1.94 | 19.6 | 0.43 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101756 | 7.1 | 0.09 | 0.05 | 1.42 | 1.49 | 0.5 | 0.78 | 1.9 | 1.5 | 7.16 | 3 | 1.00 | 13.2 | 0.15 | 0.1 | 0.01 | 0.3 | 0.05 | 3 |
| SA5101757 | 0.5 | 0.06 | 0.05 | 0.73 | 5.87 | 0.5 | 0.66 | 0.5 | 0.5 | 6.82 | 3 | 2.12 | 10.0 | 0.11 | 0.05 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101758 | 157.2 | 0.18 | 0.16 | 1.70 | 3.29 | 0.5 | 0.72 | 0.5 | 0.5 | 7.27 | 3 | 2.13 | 13.1 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101759 | 71.2 | 0.07 | 0.13 | 1.44 | 1.63 | 0.5 | 0.43 | 0.5 | 0.7 | 7.11 | 3 | 0.93 | 8.3 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101760 | 36.1 | 0.11 | 0.31 | 2.24 | 1.43 | 0.5 | 0.63 | 0.5 | 0.5 | 7.26 | 3 | 1.23 | 15.1 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101761 | 0.5 | 0.03 | 0.05 | 0.67 | 1.21 | 0.5 | 0.10 | 0.5 | 0.5 | 6.28 | 3 | 0.005 | 1.7 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101762 | 0.5 | 0.16 | 0.05 | 0.87 | 0.74 | 0.5 | 0.51 | 0.5 | 0.5 | 6.66 | 10 | 0.09 | 6.6 | 0.29 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101763 | 1.8 | 0.09 | 0.12 | 1.59 | 1.16 | 0.5 | 0.62 | 0.5 | 1.4 | 7.10 | 3 | 2.00 | 10.9 | 0.11 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101764 | 21.9 | 0.06 | 0.32 | 1.58 | 0.25 | 0.5 | 0.74 | 0.5 | 0.5 | 7.18 | 4 | 1.32 | 13.4 | 0.11 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101765 | 5.5 | 0.09 | 0.05 | 1.27 | 0.80 | 0.5 | 0.39 | 0.8 | 1.3 | 6.83 | 6 | 0.18 | 5.6 | 0.09 | 0.1 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101766 | 274.2 | 0.43 | 0.80 | 1.00 | 11.23 | 0.5 | 0.99 | 1.2 | 0.5 | 7.11 | 4 | 1.25 | 14.7 | 0.21 | 0.05 | 0.03 | 0.7 | 0.05 | 3 |
| SA5101767 | 0.5 | 0.01 | 0.05 | 0.05 | 0.25 | 0.5 | 0.16 | 0.6 | 0.5 | 5.88 | 4 | 0.005 | 1.1 | 0.04 | 0.05 | 0.01 | 0.4 | 0.05 | 2 |
| SA5101768 | 223.9 | 0.32 | 0.20 | 0.90 | 6.79 | 0.5 | 0.85 | 1.3 | 0.5 | 7.13 | 7 | 1.02 | 21.4 | 0.28 | 0.05 | 0.03 | 0.1 | 0.05 | 4 |
| SA5101769 | 108.1 | 0.16 | 0.10 | 0.50 | 1.00 | 0.5 | 0.69 | 0.5 | 0.5 | 5.79 | 3 | 0.78 | 15.0 | 0.16 | 0.1 | 0.02 | 0.3 | 0.05 | 1 |
| SA5101770 | 72.5 | 0.14 | 0.05 | 0.59 | 2.18 | 0.5 | 0.60 | 0.5 | 0.5 | 6.46 | 3 | 0.39 | 12.3 | 0.10 | 0.05 | 0.01 | 0.3 | 0.1 | 1 |
| SA5101771 | 0.5 | 0.04 | 0.05 | 0.05 | 1.68 | 0.5 | 0.28 | 0.5 | 0.5 | 5.67 | 3 | 0.10 | 1.9 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101772 | 82.4 | 0.10 | 0.46 | 0.35 | 1.00 | 0.5 | 0.42 | 0.5 | 0.5 | 6.18 | 3 | 0.21 | 7.5 | 0.06 | 0.05 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101773 | 16.2 | 0.17 | 0.31 | 0.27 | 1.21 | 0.5 | 0.56 | 0.5 | 0.5 | 6.17 | 3 | 0.12 | 4.7 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101774 | 4.8 | 0.14 | 0.13 | 0.32 | 2.29 | 0.5 | 0.49 | 0.5 | 1.5 | 6.14 | 3 | 0.11 | 8.0 | 0.08 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101775 | 16.2 | 0.06 | 0.35 | 0.51 | 2.54 | 0.5 | 0.56 | 0.5 | 0.6 | 6.72 | 3 | 0.75 | 13.4 | 0.11 | 0.1 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101776 | 0.5 | 0.10 | 0.05 | 0.32 | 1.53 | 0.5 | 0.79 | 0.5 | 0.5 | 6.33 | 3 | 1.48 | 9.5 | 0.13 | 0.05 | 0.03 | 0.2 | 0.05 | 0.5 |
| SA5101777 | 0.5 | 0.06 | 0.05 | 0.07 | 9.27 | 0.5 | 0.18 | 0.5 | 0.5 | 5.34 | 3 | 0.005 | 0.9 | 0.07 | 0.05 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101778 | 84.4 | 0.20 | 0.13 | 0.75 | 2.81 | 0.5 | 0.81 | 0.6 | 0.5 | 6.91 | 3 | 1.32 | 15.4 | 0.23 | 0.4 | 0.02 | 0.3 | 0.1 | 1 |
| SA5101779 | 18.4 | 0.09 | 0.05 | 0.36 | 0.88 | 0.5 | 0.71 | 0.5 | 0.5 | 6.65 | 3 | 0.87 | 8.5 | 0.14 | 0.05 | 0.02 | 0.5 | 0.05 | 0.5 |
| SA5101780 | 0.5 | 0.09 | 0.05 | 0.20 | 2.04 | 0.5 | 0.52 | 0.5 | 0.5 | 5.80 | 4 | 0.005 | 11.1 | 0.08 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101781 | 150.3 | 0.20 | 0.96 | 1.26 | 16.20 | 0.5 | 0.98 | 0.5 | 0.5 | 7.11 | 3 | 0.96 | 20.1 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101782 | 0.5 | 0.11 | 0.05 | 0.80 | 1.18 | 0.5 | 0.82 | 0.5 | 0.5 | 6.55 | 3 | 0.76 | 15.9 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101783 | 3.2 | 0.17 | 0.65 | 0.72 | 4.59 | 0.5 | 0.83 | 0.5 | 1.8 | 6.87 | 3 | 1.47 | 13.4 | 0.10 | 0.3 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101784 | 2.2 | 0.09 | 0.05 | 0.30 | 0.25 | 0.5 | 0.74 | 0.5 | 0.5 | 6.49 | 3 | 1.28 | 7.3 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101785 | 0.5 | 0.04 | 0.05 | 0.05 | 3.15 | 0.5 | 0.11 | 0.5 | 0.5 | 5.43 | 3 | 0.005 | 0.8 | 0.06 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101786 | 0.5 | 0.07 | 0.05 | 0.37 | 1.86 | 0.5 | 0.05 | 0.5 | 0.5 | 6.01 | 3 | 0.005 | 2.4 | 0.16 | 0.05 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101787 | 100.5 | 0.26 | 0.05 | 1.49 | 1.18 | 0.5 | 0.64 | 0.5 | 0.5 | 7.03 | 5 | 0.54 | 12.2 | 0.18 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101788 | 0.5 | 0.03 | 0.14 | 0.07 | 5.13 | 0.5 | 0.07 | 0.9 | 0.5 | 6.89 | 3 | 0.005 | 1.1 | 0.07 | 0.05 | 0.01 | 0.2 | 0.05 | 7 |
| SA5101789 | 48.2 | 0.15 | 0.53 | 1.27 | 2.92 | 0.5 | 0.64 | 0.9 | 0.5 | 7.10 | 5 | 0.98 | 11.2 | 0.14 | 0.05 | 0.01 | 0.6 | 0.05 | 3 |
| SA5101790 | 23.7 | 0.24 | 0.16 | 1.10 | 2.16 | 0.5 | 0.96 | 0.5 | 0.5 | 6.97 | 5 | 2.31 | 16.9 | 0.31 | 0.05 | 0.23 | 0.1 | 0.05 | 1 |
| SA5101791 | 16.0 | 0.21 | 0.42 | 0.99 | 0.65 | 0.5 | 0.63 | 0.5 | 0.5 | 7.25 | 3 | 0.73 | 14.1 | 0.12 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101792 | 63.3 | 0.26 | 0.59 | 0.96 | 44.07 | 0.5 | 0.85 | 0.5 | 1.0 | 7.26 | 3 | 2.11 | 19.9 | 0.20 | 0.1 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101793 | 65.6 | 0.33 | 0.86 | 0.90 | 0.97 | 0.5 | 0.83 | 0.5 | 0.5 | 6.72 | 3 | 1.33 | 19.0 | 0.24 | 0.05 | 0.02 | 0.1 | 0.05 | 0.5 |
| SA5101794 | 0.5 | 0.06 | 0.05 | 0.08 | 4.39 | 0.5 | 0.31 | 0.5 | 0.5 | 5.08 | 3 | 0.01 | 1.6 | 0.07 | 0.4 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101795 | 0.5 | 0.04 | 0.05 | 0.13 | 3.92 | 0.5 | 0.36 | 0.5 | 0.5 | 4.93 | 4 | 0.24 | 4.8 | 0.10 | 0.6 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101796 | 20.3 | 3.75 | 2.78 | 6.77 | 221.28 | 0.5 | 2.04 | 0.5 | 2.8 | 6.81 | 4 | 4.64 | 174.0 | 0.73 | 0.05 | 0.01 | 1.3 | 0.05 | 4 |
| SA5101797 | 7.4 | 0.22 | 0.05 | 0.43 | 0.67 | 0.5 | 0.73 | 0.5 | 0.5 | 6.67 | 3 | 1.45 | 8.8 | 0.30 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101798 | 2.6 | 0.12 | 0.05 | 0.15 | 0.78 | 0.5 | 0.46 | 0.5 | 0.5 | 6.34 | 3 | 0.93 | 5.1 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101799 | 5.0 | 0.15 | 0.05 | 0.38 | 0.50 | 0.5 | 0.71 | 0.5 | 0.5 | 7.10 | 3 | 1.06 | 7.6 | 0.23 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101800 | 94.2 | 0.25 | 0.50 | 1.43 | 1.26 | 0.5 | 0.59 | 0.5 | 0.5 | 5.82 | 3 | 0.50 | 12.1 | 0.17 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101801 | 0.5 | 0.10 | 0.17 | 0.14 | 2.94 | 0.5 | 0.34 | 0.5 | 0.8 | 6.64 | 3 | 0.03 | 2.0 | 0.06 | 0.1 | 0.01 | 0.5 | 0.05 | 2 |
| SA5101802 | 0.5 | 0.10 | 0.05 | 0.33 | 0.52 | 0.5 | 0.77 | 0.5 | 0.5 | 6.66 | 3 | 2.14 | 9.5 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101803 | 7.5 | 0.28 | 0.55 | 0.88 | 3.03 | 0.5 | 0.72 | 0.5 | 0.5 | 6.89 | 3 | 0.56 | 11.8 | 0.14 | 0.1 | 0.01 | 0.3 | 0.05 | 1 |
| SA5101804 | 0.5 | 0.10 | 0.35 | 0.60 | 2.10 | 0.5 | 0.81 | 0.5 | 0.5 | 6.67 | 3 | 1.03 | 12.8 | 0.16 | 0.05 | 0.02 | 0.6 | 0.05 | 1 |
| SA5101805 | 0.5 | 0.12 | 0.21 | 0.54 | 0.87 | 0.5 | 0.66 | 0.5 | 0.5 | 6.69 | 3 | 1.15 | 11.0 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101806 | 7.4 | 0.19 | 0.24 | 0.66 | 0.25 | 0.5 | 0.88 | 0.5 | 0.5 | 6.88 | 3 | 1.93 | 11.0 | 0.28 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101807 | 0.5 | 0.01 | 0.23 | 0.06 | 4.72 | 0.5 | 0.20 | 0.5 | 1.0 | 5.30 | 3 | 0.05 | 1.4 | 0.05 | 0.1 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101808 | 14.4 | 0.11 | 0.55 | 1.13 | 5.64 | 0.5 | 0.76 | 0.5 | 0.5 | 6.98 | 3 | 1.70 | 18.8 | 0.11 | 0.05 | 0.02 | 0.1 | 0.1 | 0.5 |
| SA5101809 | 2.9 | 0.20 | 0.60 | 1.06 | 1.74 | 0.5 | 0.84 | 0.5 | 0.6 | 7.12 | 3 | 0.94 | 20.4 | 0.15 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101810 | 87.7 | 0.26 | 0.36 | 0.58 | 3.00 | 0.5 | 0.71 | 0.5 | 0.5 | 7.04 | 3 | 0.92 | 10.3 | 0.21 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101811 | 23.8 | 0.26 | 0.41 | 0.58 | 2.25 | 0.5 | 0.83 | 0.5 | 0.5 | 6.73 | 3 | 1.44 | 11.5 | 0.37 | 0.05 | 0.03 | 0.2 | 0.05 | 1 |
| SA5101812 | 9.2 | 0.25 | 0.11 | 0.38 | 1.07 | 0.5 | 0.64 | 0.5 | 0.5 | 6.72 | 3 | 0.83 | 7.5 | 0.14 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101813 | 43.8 | 0.27 | 0.86 | 0.37 | 0.63 | 2.9 | 0.71 | 1.0 | 0.7 | 6.74 | 3 | 0.37 | 8.5 | 0.31 | 0.1 | 0.05 | 1.1 | 0.2 | 1 |
| SA5101814 | 33.2 | 0.36 | 0.43 | 0.52 | 0.84 | 0.5 | 0.93 | 0.5 | 1.4 | 6.99 | 3 | 1.85 | 12.5 | 0.40 | 0.1 | 0.04 | 1.1 | 0.05 | 1 |
| SA5101815 | 29.6 | 0.26 | 0.56 | 0.36 | 0.25 | 0.5 | 0.63 | 0.5 | 0.6 | 6.76 | 3 | 0.37 | 6.6 | 0.23 | 0.1 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101816 | 0.5 | 0.16 | 0.29 | 0.20 | 0.25 | 0.5 | 0.52 | 0.5 | 0.5 | 6.02 | 7 | 1.07 | 3.8 | 0.15 | 0.3 | 0.01 | 0.2 | 0.05 | 2 |
| SA5101817 | 0.5 | 0.24 | 0.38 | 0.57 | 0.25 | 0.5 | 0.89 | 0.5 | 0.5 | 6.87 | 3 | 1.54 | 9.9 | 0.26 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101818 | 0.5 | 0.09 | 0.47 | 0.18 | 3.66 | 0.5 | 0.52 | 0.5 | 0.5 | 5.51 | 3 | 0.79 | 4.8 | 0.11 | 0.3 | 0.01 | 1.8 | 0.05 | 2 |
| SA5101819 | 0.5 | 0.09 | 0.20 | 0.15 | 1.48 | 0.5 | 0.47 | 0.5 | 0.5 | 5.73 | 3 | 0.11 | 4.5 | 0.11 | 0.1 | 0.01 | 0.9 | 0.05 | 1 |
| SA5101820 | 7.9 | 0.20 | 0.61 | 0.58 | 0.25 | 0.5 | 0.92 | 1.7 | 0.5 | 6.86 | 5 | 1.55 | 9.9 | 0.26 | 0.05 | 0.01 | 0.8 | 0.05 | 4 |
| SA5101821 | 56.2 | 0.19 | 0.05 | 0.30 | 0.99 | 0.5 | 0.87 | 0.8 | 0.5 | 6.43 | 4 | 1.31 | 7.0 | 0.21 | 0.05 | 0.01 | 0.3 | 0.05 | 2 |
| SA5101822 | 21.9 | 0.21 | 1.11 | 0.74 | 4.78 | 0.9 | 0.94 | 85.7 | 0.7 | 6.58 | 4 | 2.02 | 16.5 | 0.11 | 0.1 | 0.01 | 0.3 | 0.05 | 3 |
| SA5101823 | 17.6 | 0.16 | 0.23 | 0.47 | 5.91 | 0.5 | 0.75 | 0.5 | 0.5 | 6.88 | 3 | 2.00 | 12.6 | 0.23 | 0.1 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101824 | 4.5 | 0.11 | 0.19 | 0.45 | 0.79 | 0.5 | 0.87 | 0.5 | 0.5 | 6.70 | 3 | 2.68 | 9.9 | 0.28 | 0.4 | 0.01 | 0.1 | 0.4 | 1 |
| SA5101825 | 0.5 | 0.12 | 0.56 | 0.41 | 0.25 | 0.5 | 0.66 | 0.5 | 0.5 | 6.76 | 3 | 0.90 | 8.0 | 0.21 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101826 | 23.7 | 0.19 | 0.38 | 0.47 | 1.48 | 0.5 | 0.63 | 0.5 | 0.5 | 6.81 | 3 | 0.41 | 10.9 | 0.14 | 0.05 | 0.01 | 0.4 | 0.05 | 1 |
| SA5101827 | 23.1 | 0.22 | 0.45 | 0.49 | 2.28 | 0.5 | 0.63 | 0.5 | 0.5 | 6.95 | 3 | 1.10 | 12.5 | 0.15 | 0.05 | 0.01 | 0.7 | 0.1 | 0.5 |
| SA5101828 | 6.2 | 0.10 | 0.43 | 0.37 | 1.50 | 0.5 | 0.44 | 3.5 | 0.5 | 6.55 | 3 | 0.11 | 7.2 | 0.07 | 0.05 | 0.01 | 0.1 | 0.1 | 3 |
| SA5101829 | 0.5 | 0.12 | 0.13 | 0.34 | 3.98 | 0.5 | 0.45 | 0.6 | 0.5 | 6.42 | 4 | 0.23 | 9.8 | 0.09 | 0.1 | 0.01 | 0.5 | 0.05 | 1 |
| SA5101830 | 0.5 | 0.13 | 0.60 | 0.56 | 0.25 | 0.5 | 0.53 | 0.5 | 0.5 | 6.80 | 3 | 0.88 | 12.4 | 0.09 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101831 | 4.6 | 0.10 | 0.36 | 0.24 | 3.72 | 1.5 | 0.29 | 0.5 | 0.6 | 6.31 | 3 | 0.05 | 6.9 | 0.08 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101832 | 15.3 | 0.15 | 0.47 | 0.59 | 3.46 | 0.5 | 0.70 | 0.5 | 0.6 | 6.91 | 3 | 1.04 | 12.9 | 0.17 | 0.05 | 0.01 | 0.7 | 0.05 | 1 |
| SA5101833 | 223.0 | 0.19 | 0.68 | 0.39 | 2.65 | 0.5 | 0.72 | 0.5 | 0.5 | 6.89 | 3 | 1.12 | 10.6 | 0.18 | 0.05 | 0.07 | 0.3 | 0.05 | 0.5 |
| SA5101834 | 4.6 | 0.16 | 0.26 | 0.28 | 3.41 | 0.5 | 0.44 | 0.5 | 0.5 | 6.56 | 3 | 0.25 | 5.2 | 0.06 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101835 | 0.5 | 0.02 | 0.11 | 0.21 | 2.62 | 0.5 | 0.32 | 0.5 | 0.5 | 5.54 | 3 | 0.52 | 7.5 | 0.06 | 0.05 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101836 | 5.0 | 0.09 | 0.17 | 0.37 | 1.84 | 0.5 | 0.42 | 0.5 | 0.5 | 6.42 | 3 | 0.07 | 6.8 | 0.08 | 0.05 | 0.01 | 0.5 | 0.05 | 0.5 |
| SA5101837 | 0.5 | 0.12 | 0.05 | 0.21 | 2.47 | 0.5 | 0.39 | 0.5 | 0.5 | 6.00 | 3 | 0.09 | 5.5 | 0.11 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101838 | 7.5 | 0.08 | 0.05 | 0.06 | 0.25 | 0.5 | 0.32 | 0.8 | 0.5 | 6.13 | 3 | 0.17 | 2.3 | 0.08 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101839 | 0.5 | 0.13 | 0.19 | 0.49 | 0.80 | 0.5 | 0.78 | 3.0 | 0.5 | 6.71 | 4 | 1.60 | 10.3 | 0.24 | 0.2 | 0.01 | 0.1 | 0.05 | 2 |
| SA5101840 | 22.5 | 0.20 | 0.72 | 0.40 | 2.00 | 0.9 | 0.54 | 0.5 | 0.8 | 6.81 | 3 | 0.86 | 8.6 | 0.16 | 0.1 | 0.01 | 0.9 | 0.2 | 1 |
| SA5101841 | 2.5 | 0.14 | 0.05 | 0.30 | 2.09 | 0.5 | 0.44 | 0.5 | 0.5 | 6.75 | 3 | 0.21 | 6.4 | 0.16 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101842 | 0.5 | 0.15 | 0.05 | 0.28 | 0.85 | 0.5 | 0.44 | 0.8 | 0.5 | 6.26 | 5 | 0.30 | 5.8 | 0.10 | 0.05 | 0.01 | 0.9 | 0.05 | 2 |
| SA5101843 | 0.5 | 0.26 | 0.40 | 0.45 | 1.30 | 0.5 | 0.65 | 2.6 | 0.5 | 6.76 | 6 | 0.64 | 9.2 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101844 | 0.5 | 0.24 | 0.33 | 0.42 | 1.20 | 0.5 | 0.57 | 0.5 | 0.6 | 6.61 | 3 | 0.37 | 9.4 | 0.17 | 0.05 | 0.01 | 0.1 | 0.1 | 1 |
| SA5101845 | 0.5 | 0.10 | 0.45 | 0.44 | 1.09 | 0.5 | 0.57 | 0.5 | 0.5 | 6.74 | 3 | 0.58 | 7.0 | 0.10 | 0.05 | 0.01 | 0.6 | 0.05 | 0.5 |
| SA5101846 | 0.5 | 0.13 | 0.31 | 0.56 | 4.01 | 0.5 | 0.56 | 0.5 | 0.5 | 6.69 | 3 | 0.77 | 11.4 | 0.17 | 0.2 | 0.01 | 0.1 | 0.2 | 1 |
| SA5101847 | 1.0 | 0.13 | 0.45 | 0.43 | 0.66 | 0.5 | 0.59 | 0.5 | 0.5 | 6.76 | 3 | 0.58 | 7.0 | 0.11 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101848 | 0.5 | 0.10 | 0.27 | 0.56 | 5.36 | 0.5 | 0.60 | 0.5 | 0.8 | 6.61 | 3 | 0.63 | 11.2 | 0.11 | 0.3 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101849 | 0.5 | 0.14 | 0.64 | 0.52 | 0.80 | 1.5 | 0.73 | 0.5 | 0.9 | 6.80 | 3 | 1.45 | 10.0 | 0.14 | 0.2 | 0.01 | 0.6 | 0.05 | 1 |
| SA5101850 | 16.1 | 0.18 | 0.55 | 1.18 | 2.99 | 0.5 | 0.67 | 0.6 | 0.5 | 6.91 | 7 | 0.86 | 12.3 | 0.29 | 0.1 | 0.02 | 0.1 | 0.05 | 3 |
| SA5101851 | 4.7 | 0.15 | 0.49 | 1.82 | 1.39 | 0.5 | 0.70 | 3.5 | 0.5 | 7.00 | 6 | 1.95 | 21.4 | 0.14 | 0.05 | 0.01 | 1.0 | 0.05 | 4 |
| SA5101852 | 66.9 | 0.07 | 0.31 | 1.79 | 2.51 | 0.5 | 0.77 | 15.9 | 0.8 | 7.40 | 20 | 2.19 | 24.9 | 0.10 | 0.05 | 0.01 | 0.5 | 0.05 | 5 |
| SA5101853 | 23.2 | 0.24 | 0.19 | 1.12 | 1.36 | 0.5 | 0.63 | 0.6 | 0.5 | 7.11 | 4 | 0.38 | 14.0 | 0.14 | 0.05 | 0.01 | 0.1 | 0.05 | 9 |
| SA5101854 | 33.8 | 0.06 | 0.28 | 1.98 | 4.11 | 0.5 | 0.96 | 2.7 | 0.5 | 7.40 | 6 | 1.77 | 24.7 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 5 |
| SA5101855 | 21.6 | 0.11 | 0.47 | 1.75 | 1.76 | 0.5 | 0.71 | 0.5 | 0.5 | 7.28 | 3 | 1.07 | 21.1 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101856 | 10.7 | 0.12 | 0.34 | 1.05 | 1.40 | 0.5 | 0.79 | 0.5 | 0.5 | 7.09 | 3 | 1.34 | 14.6 | 0.13 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101857 | 37.2 | 0.34 | 0.56 | 1.24 | 0.25 | 0.5 | 1.06 | 2.3 | 0.5 | 7.19 | 9 | 2.22 | 20.3 | 0.41 | 0.05 | 0.11 | 0.1 | 0.05 | 4 |
| SA5101858 | 177.3 | 0.04 | 0.59 | 2.09 | 6.33 | 1.2 | 0.74 | 0.5 | 0.5 | 7.49 | 3 | 2.40 | 31.0 | 0.11 | 0.05 | 0.03 | 0.4 | 0.05 | 0.5 |
| SA5101859 | 65.7 | 0.13 | 0.28 | 1.57 | 1.63 | 0.5 | 0.71 | 0.5 | 0.5 | 7.29 | 3 | 2.17 | 20.6 | 0.11 | 0.05 | 0.01 | 1.0 | 0.05 | 0.5 |
| SA5101860 | 76.1 | 0.31 | 0.60 | 0.96 | 0.64 | 0.5 | 0.93 | 0.5 | 0.5 | 7.20 | 3 | 1.60 | 13.2 | 0.21 | 0.05 | 0.05 | 0.1 | 0.05 | 0.5 |
| SA5101861 | 54.9 | 0.12 | 0.59 | 1.74 | 1.84 | 0.5 | 0.81 | 0.5 | 0.5 | 7.24 | 3 | 2.10 | 14.1 | 0.11 | 0.05 | 0.01 | 0.1 | 0.2 | 0.5 |
| SA5101862 | 80.3 | 0.11 | 0.35 | 0.84 | 1.93 | 0.5 | 0.66 | 0.7 | 0.5 | 7.00 | 4 | 0.42 | 12.0 | 0.11 | 0.05 | 0.02 | 0.9 | 0.05 | 1 |
| SA5101863 | 67.5 | 0.15 | 0.37 | 1.15 | 1.37 | 0.5 | 0.58 | 1.7 | 0.5 | 7.13 | 5 | 0.52 | 13.0 | 0.15 | 0.05 | 0.02 | 0.3 | 0.05 | 3 |

## Appendix 1 - Open File LAB/1616

| FldNum | Fw9_ppb | Kw1_ppm | Liw2_ppb | Mgw1_ppm | Mnw1_ppb | Mow2_ppb | Naw1_ppm | Niw2_ppb | Pbw2_ppb | pH_w | Pw2_ppb | Sw1_ppm | Siw1_ppm | Srw2_ppb | Tiw2_ppb | Uw3_ppb | Vw2_ppb | Yw2_ppb | Znw2_ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA5101864 | 88.0 | 0.16 | 0.65 | 1.46 | 0.92 | 0.5 | 0.71 | 1.2 | 0.5 | 7.22 | 4 | 1.54 | 17.9 | 0.17 | 0.05 | 0.03 | 0.3 | 0.05 | 4 |
| SA5101865 | 31.9 | 0.07 | 0.45 | 1.36 | 1.10 | 0.5 | 0.42 | 0.5 | 0.5 | 7.24 | 3 | 0.74 | 17.9 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101866 | 9.0 | 0.08 | 0.05 | 0.65 | 2.19 | 0.5 | 0.29 | 0.5 | 0.5 | 6.80 | 3 | 0.005 | 8.5 | 0.12 | 0.05 | 0.01 | 0.1 | 0.05 | 0.5 |
| SA5101867 | 0.5 | 0.07 | 0.05 | 0.53 | 0.75 | 1.4 | 0.25 | 0.5 | 0.5 | 6.43 | 4 | 0.03 | 4.5 | 0.07 | 0.1 | 0.01 | 0.3 | 0.05 | 0.5 |
| SA5101868 | 68.0 | 0.17 | 0.20 | 1.14 | 1.79 | 0.5 | 0.64 | 0.5 | 0.5 | 7.12 | 3 | 0.59 | 13.1 | 0.15 | 0.05 | 0.03 | 0.2 | 0.05 | 1 |
| SA5101869 | 23.9 | 0.13 | 0.14 | 1.38 | 2.65 | 0.5 | 0.55 | 0.5 | 0.5 | 7.19 | 3 | 1.28 | 17.1 | 0.10 | 0.1 | 0.01 | 0.2 | 0.05 | 0.5 |
| SA5101870 | 68.2 | 0.14 | 0.58 | 2.11 | 4.45 | 0.5 | 0.72 | 0.5 | 0.5 | 7.46 | 3 | 1.39 | 24.4 | 0.16 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |
| SA5101871 | 0.5 | 0.08 | 0.05 | 0.51 | 0.25 | 0.5 | 0.33 | 83.6 | 0.5 | 6.58 | 7 | 0.05 | 7.4 | 0.16 | 0.05 | 0.01 | 0.1 | 0.05 | 15 |
| SA5101872 | 7.9 | 0.23 | 0.05 | 0.39 | 2.72 | 0.5 | 0.53 | 2.6 | 0.5 | 6.80 | 8 | 0.30 | 5.2 | 0.18 | 0.05 | 0.01 | 1.1 | 0.05 | 9 |
| SA5101873 | 0.5 | 0.12 | 0.22 | 1.84 | 4.83 | 0.5 | 0.50 | 0.5 | 0.5 | 7.33 | 3 | 2.55 | 13.3 | 0.07 | 0.05 | 0.01 | 0.4 | 0.05 | 0.5 |
| SA5101874 | 67.3 | 0.20 | 0.05 | 0.59 | 0.25 | 0.5 | 0.65 | 3.4 | 0.5 | 6.88 | 5 | 0.27 | 6.6 | 0.19 | 0.05 | 0.02 | 0.6 | 0.05 | 10 |
| SA5101875 | 66.7 | 0.43 | 0.47 | 0.70 | 0.25 | 0.5 | 0.88 | 1.3 | 0.5 | 7.22 | 4 | 3.05 | 15.6 | 0.46 | 0.05 | 0.01 | 0.2 | 0.05 | 5 |
| SA5101876 | 0.5 | 0.04 | 0.14 | 0.27 | 0.25 | 0.7 | 0.33 | 0.5 | 1.0 | 6.37 | 3 | 0.36 | 1.8 | 0.10 | 0.1 | 0.01 | 0.1 | 0.05 | 1 |
| SA5101877 | 0.5 | 0.11 | 0.05 | 0.15 | 1.53 | 0.5 | 0.32 | 0.5 | 0.5 | 5.93 | 3 | 0.03 | 2.2 | 0.11 | 0.05 | 0.01 | 0.7 | 0.05 | 0.5 |
| SA5101878 | 35.8 | 0.26 | 0.05 | 0.52 | 2.70 | 0.5 | 0.59 | 0.5 | 0.5 | 6.86 | 3 | 0.84 | 7.7 | 0.20 | 0.05 | 0.01 | 0.1 | 0.05 | 3 |
| SA5101879 | 28.8 | 0.43 | 0.25 | 0.72 | 0.25 | 0.5 | 0.97 | 0.7 | 0.5 | 6.86 | 3 | 3.65 | 13.9 | 0.31 | 0.05 | 0.03 | 0.4 | 0.05 | 1 |
| SA5101880 | 96.2 | 0.39 | 0.51 | 1.07 | 0.98 | 0.5 | 1.04 | 0.5 | 0.5 | 7.30 | 3 | 2.74 | 16.5 | 0.33 | 0.05 | 0.09 | 0.1 | 0.05 | 0.5 |
| SA5101881 | 0.5 | 0.21 | 0.26 | 0.88 | 0.25 | 0.5 | 0.76 | 1.1 | 0.5 | 6.98 | 3 | 1.52 | 11.1 | 0.12 | 0.05 | 0.01 | 0.8 | 0.05 | 1 |

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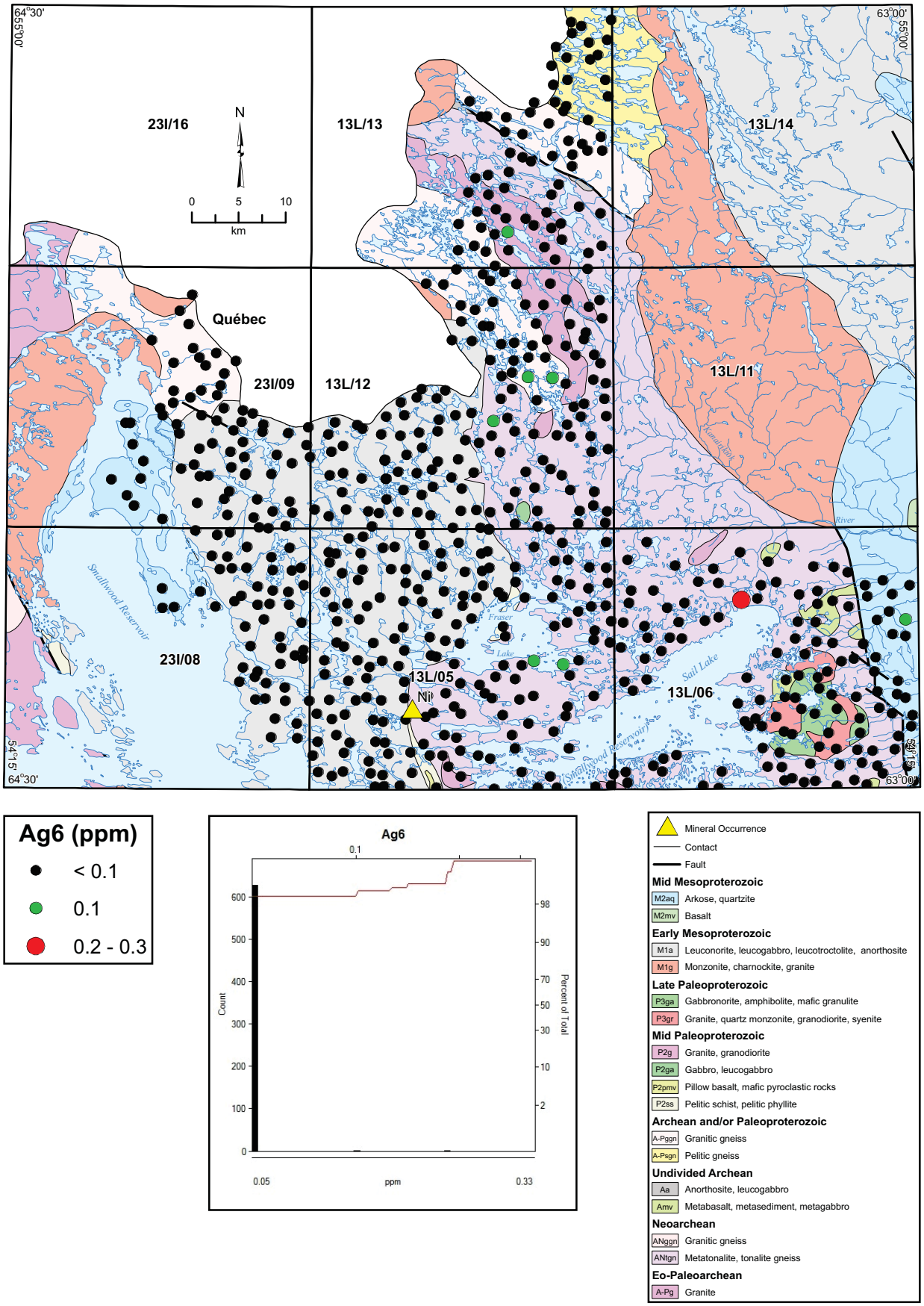



**Figure 33.** *Silver (Ag6) in lake sediment.*

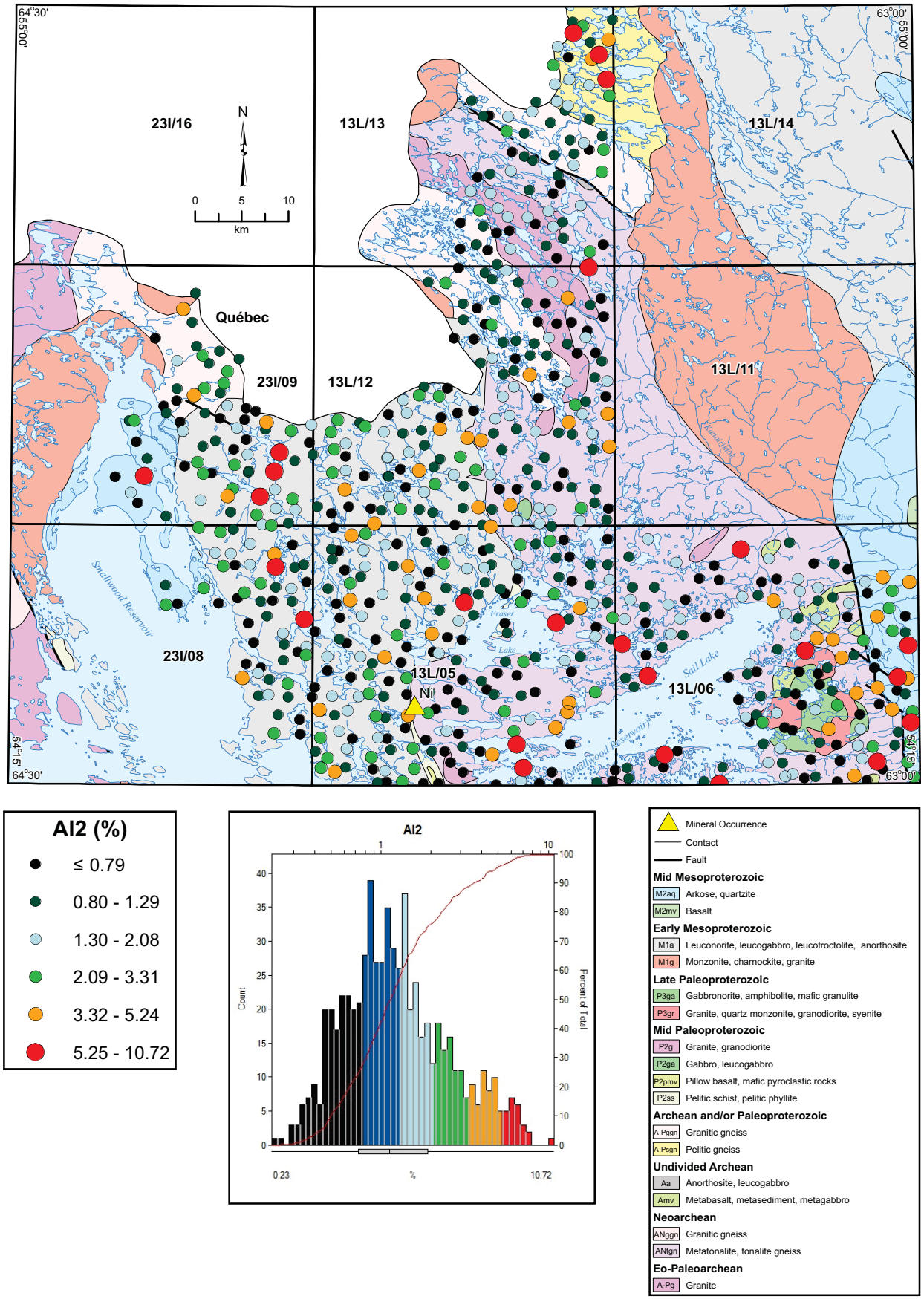



**Figure 34.** *Aluminum (Al2) in lake sediment.*

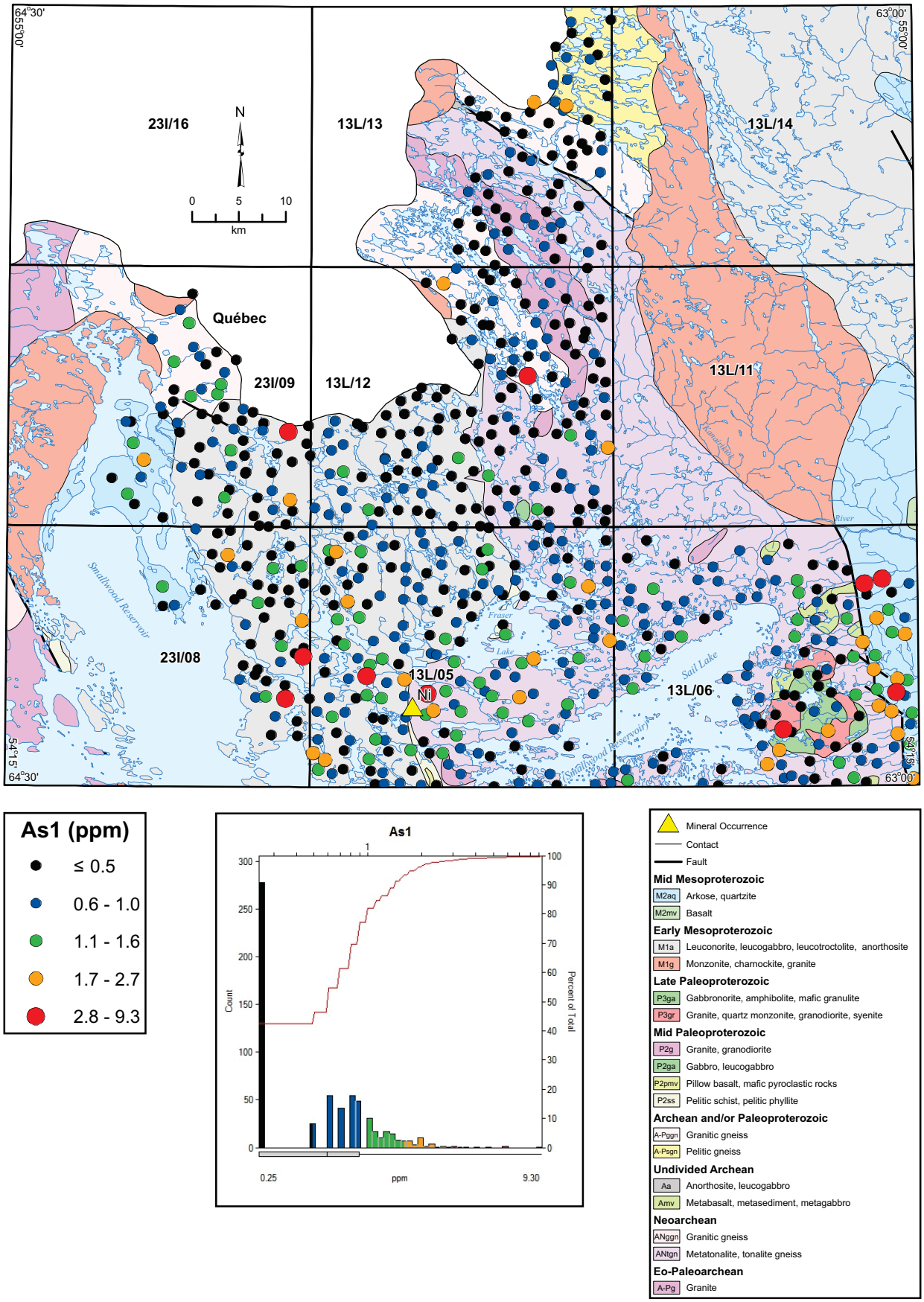



**Figure 35.** *Arsenic (As1) in lake sediment.*

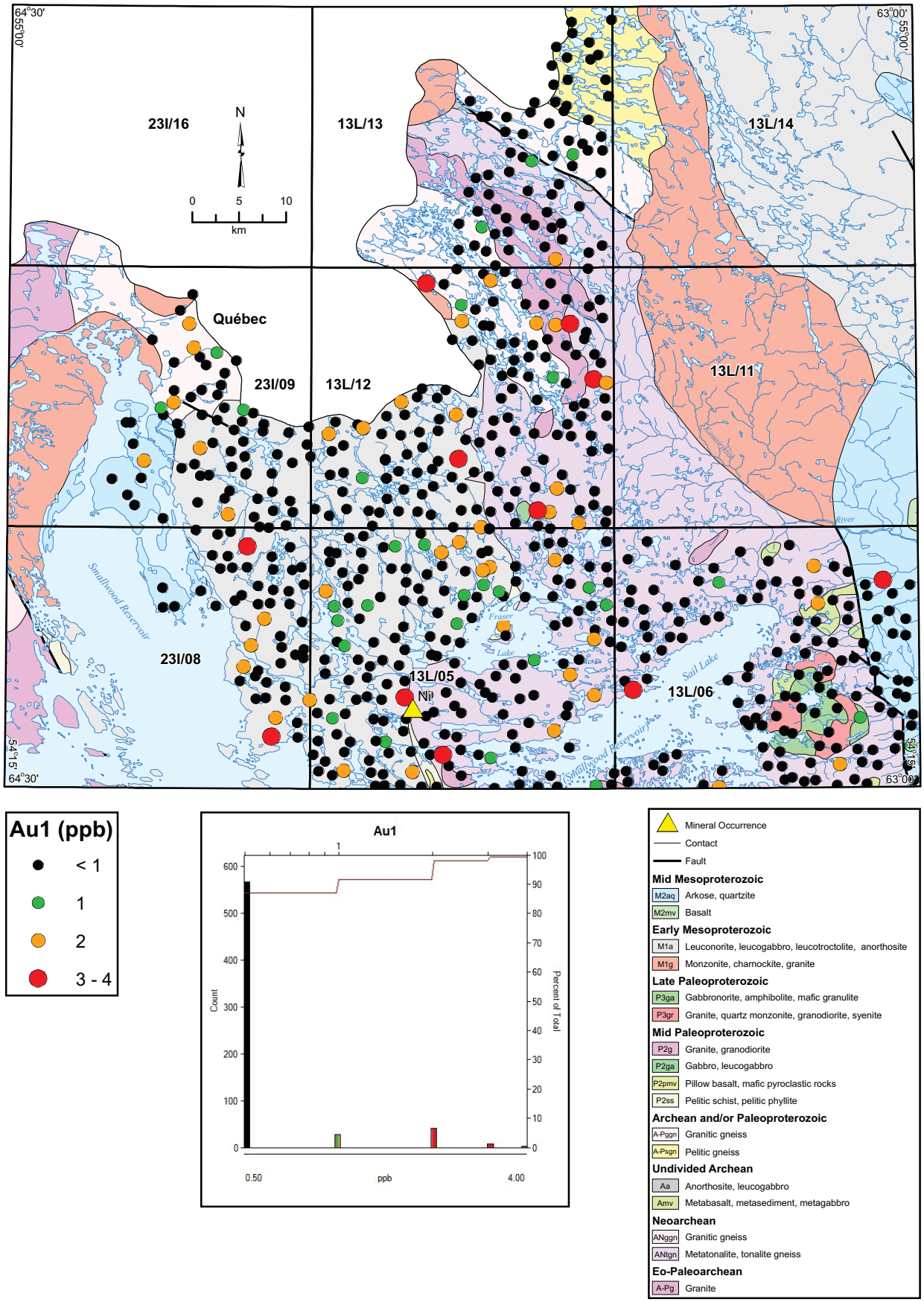



**Figure 36.** *Gold (Au1) in lake sediment.*

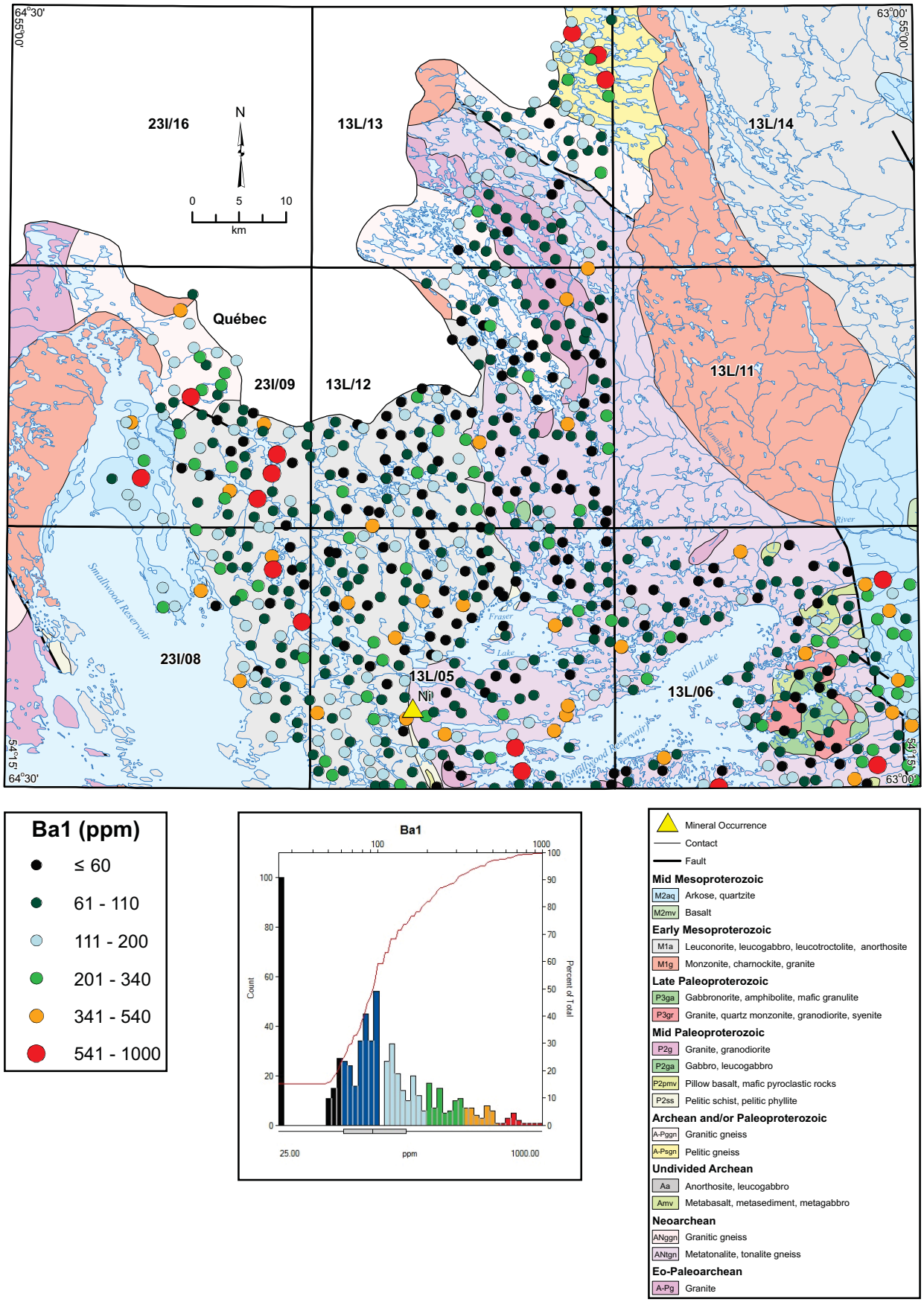



**Figure 37.** *Barium (Ba1) in lake sediment.*

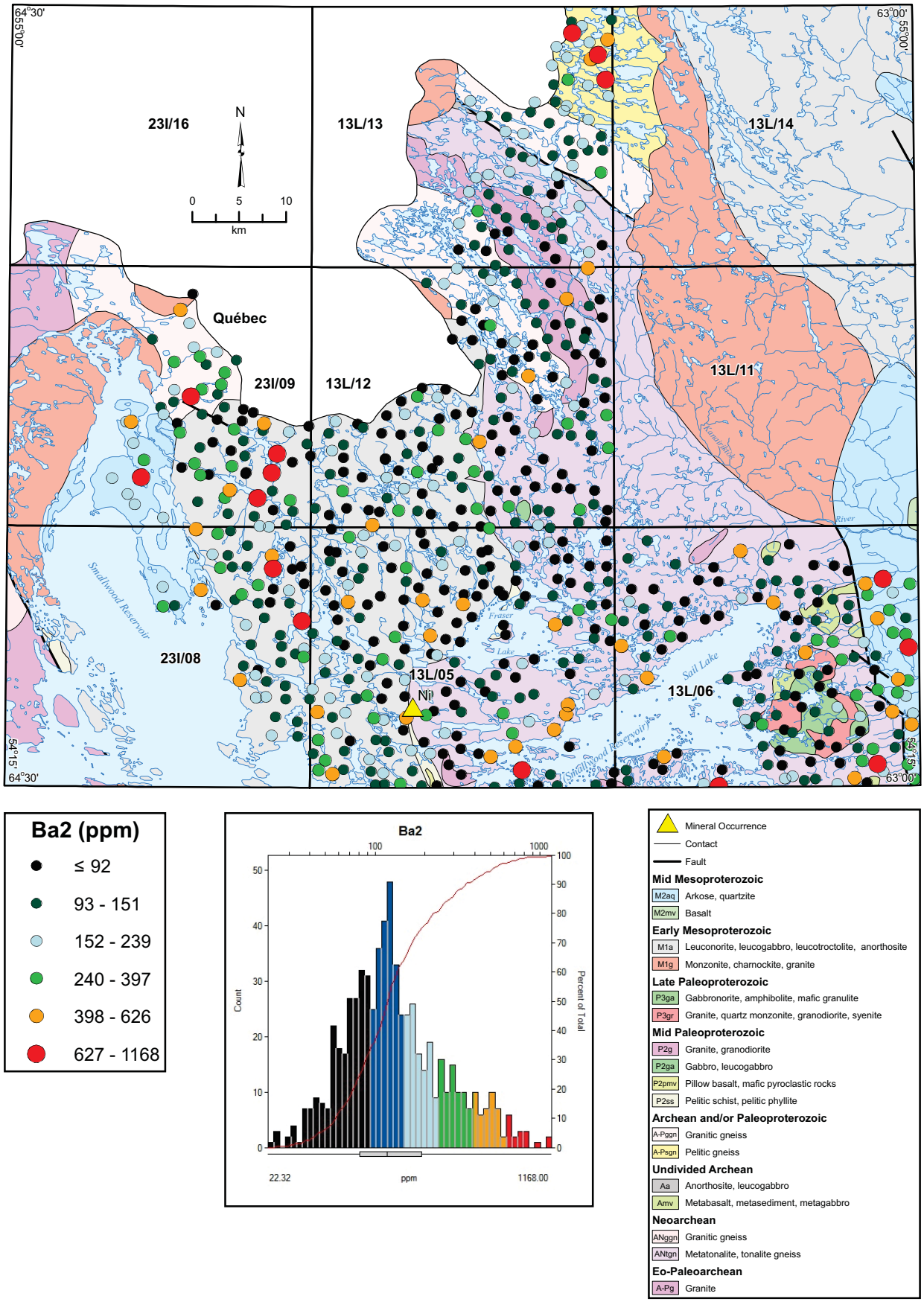



**Figure 38.** *Barium (Ba2) in lake sediment.*

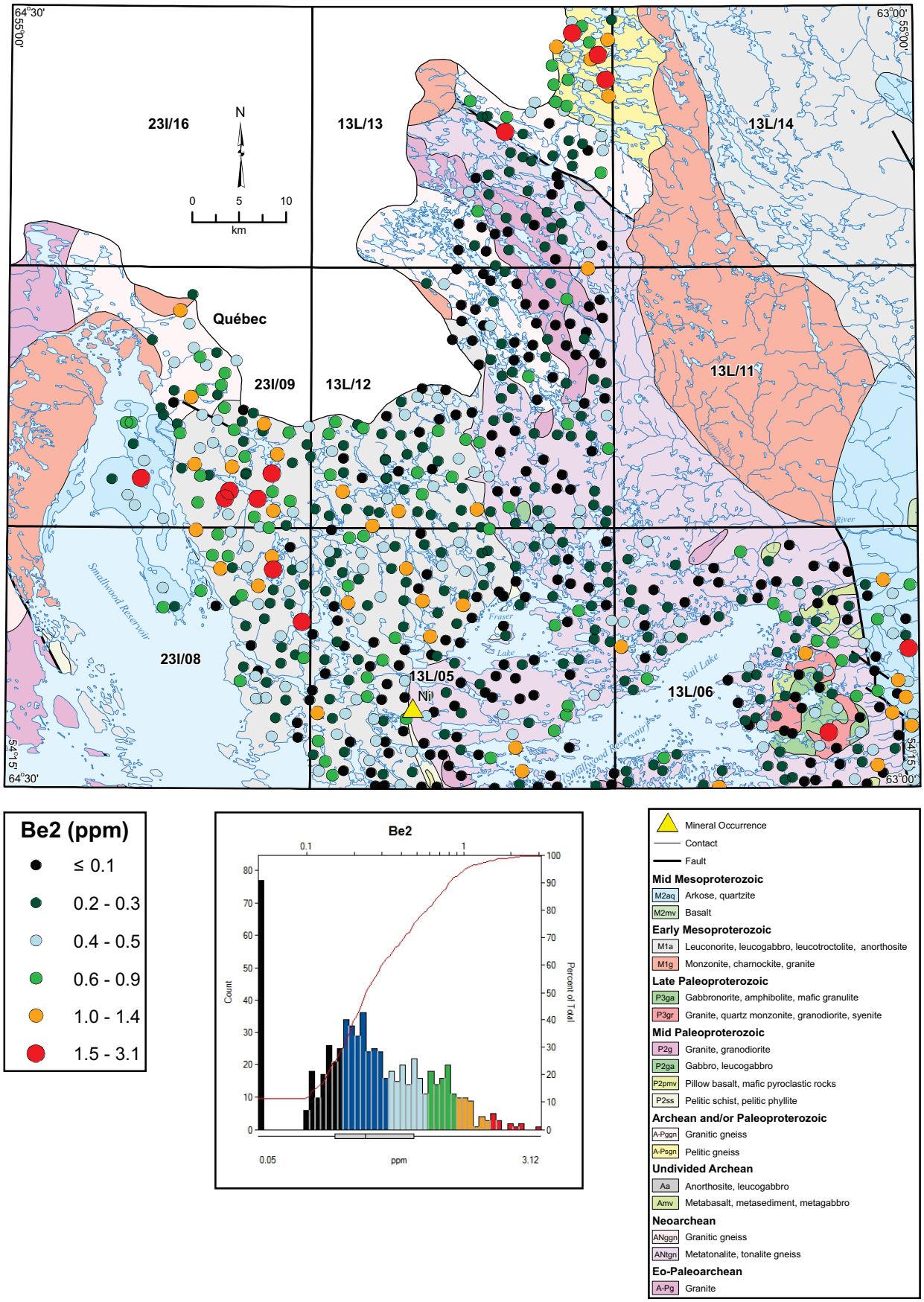



**Figure 39.** *Beryllium (Be2) in lake sediment.*

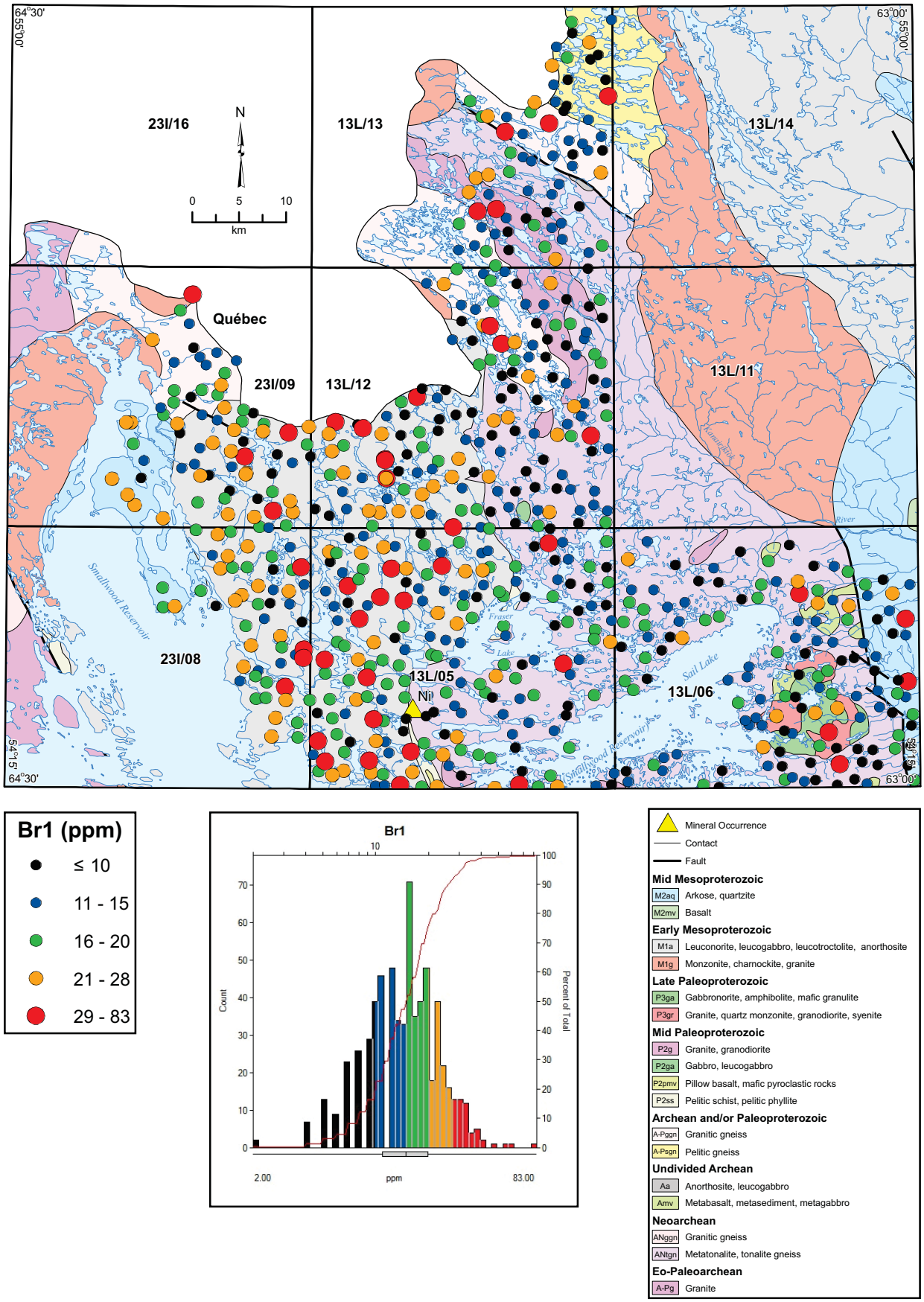



**Figure 40.** *Bromine (Br1) in lake sediment.*

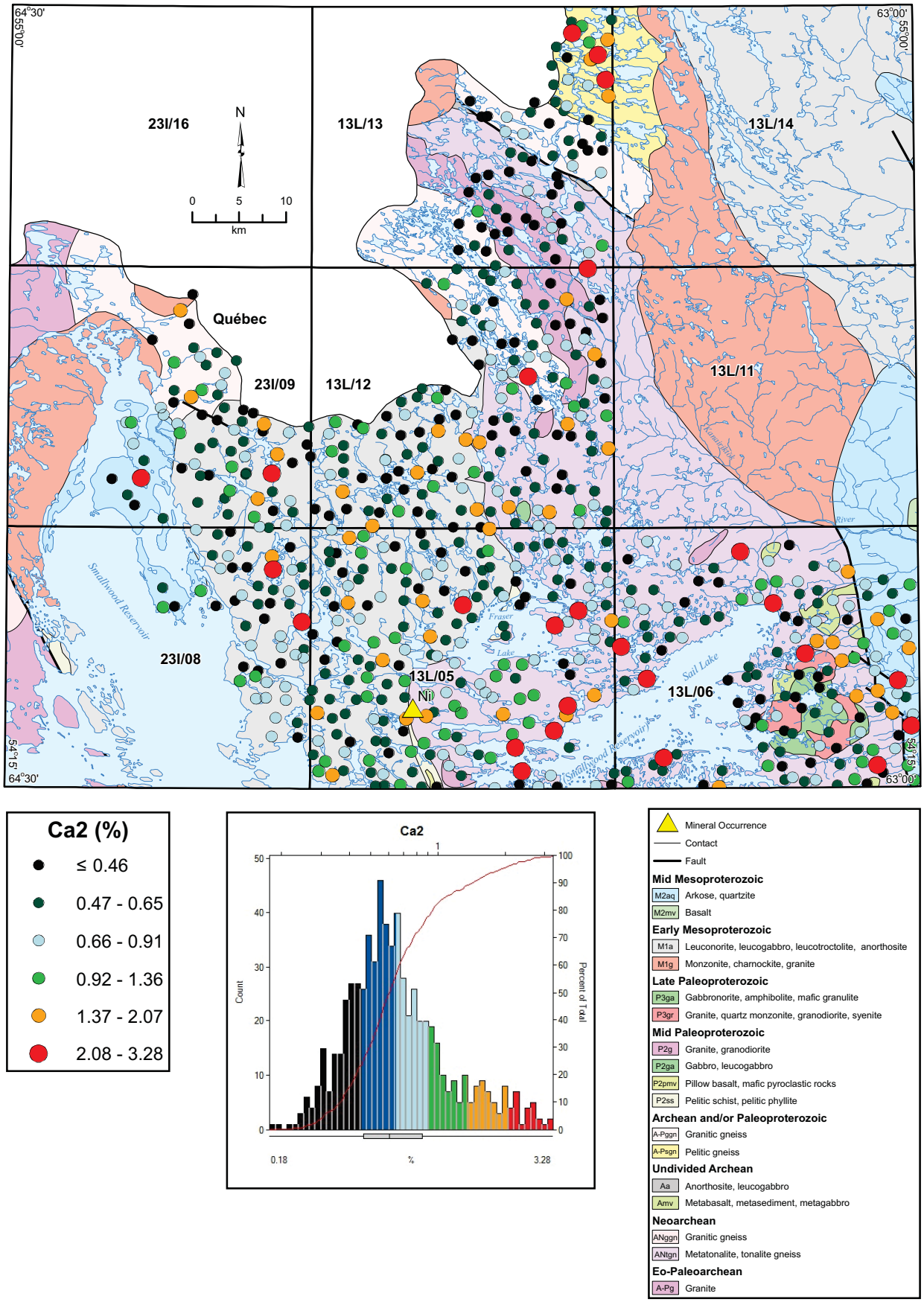



**Figure 41.** *Calcium (Ca2) in lake sediment.*

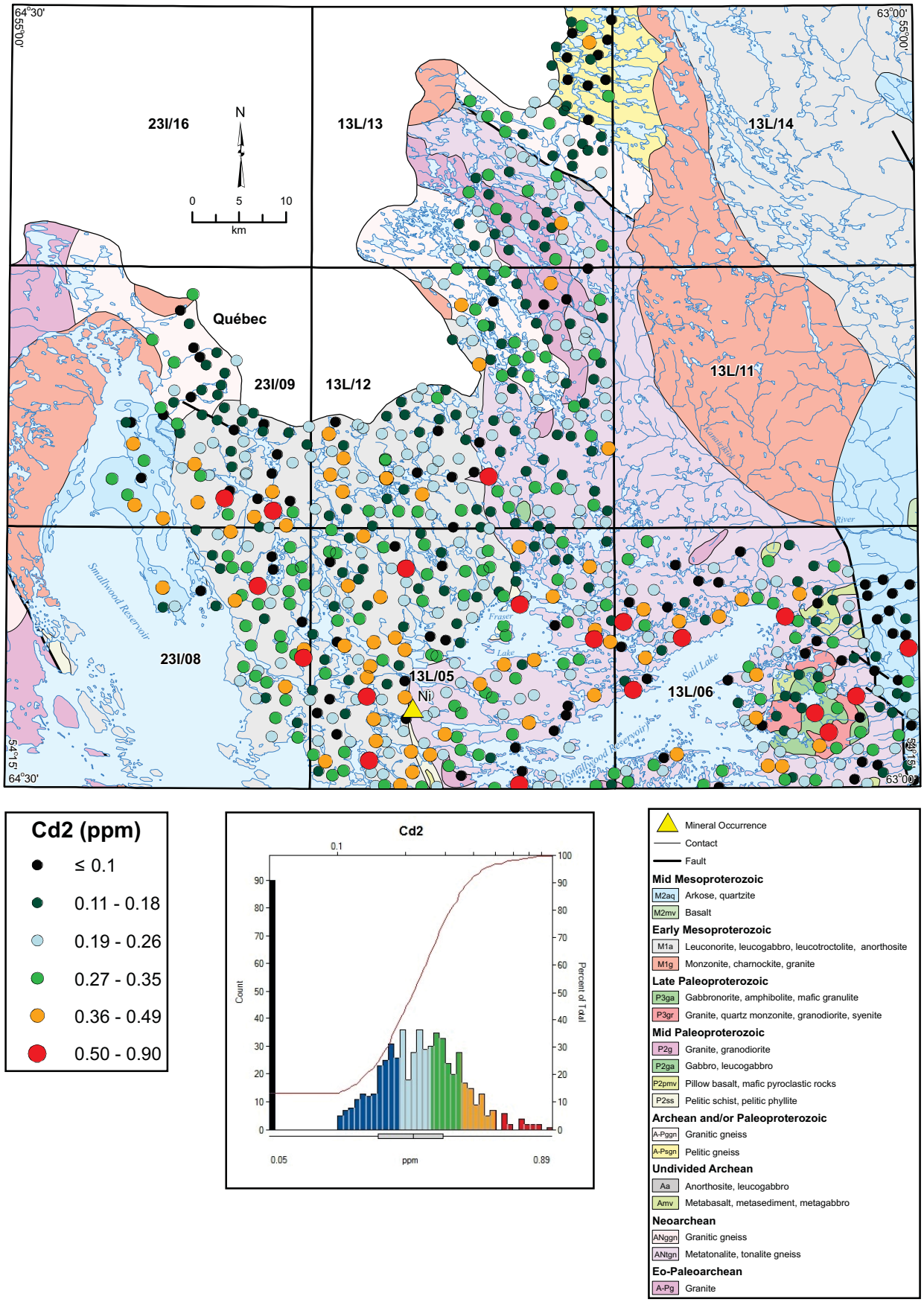



**Figure 42.** *Cadmium (Cd2) in lake sediment.*

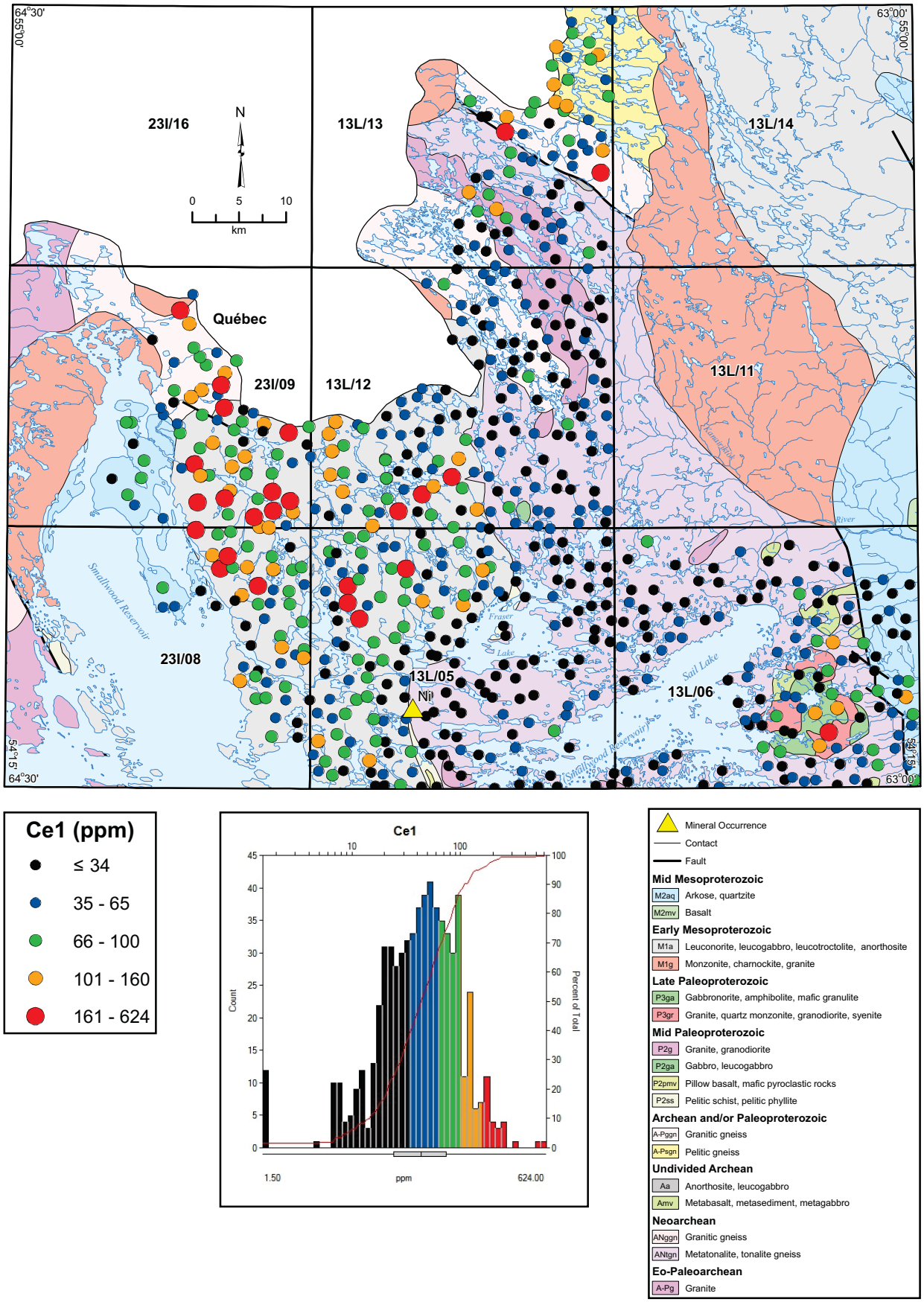



**Figure 43.** *Cerium (Ce1) in lake sediment.*

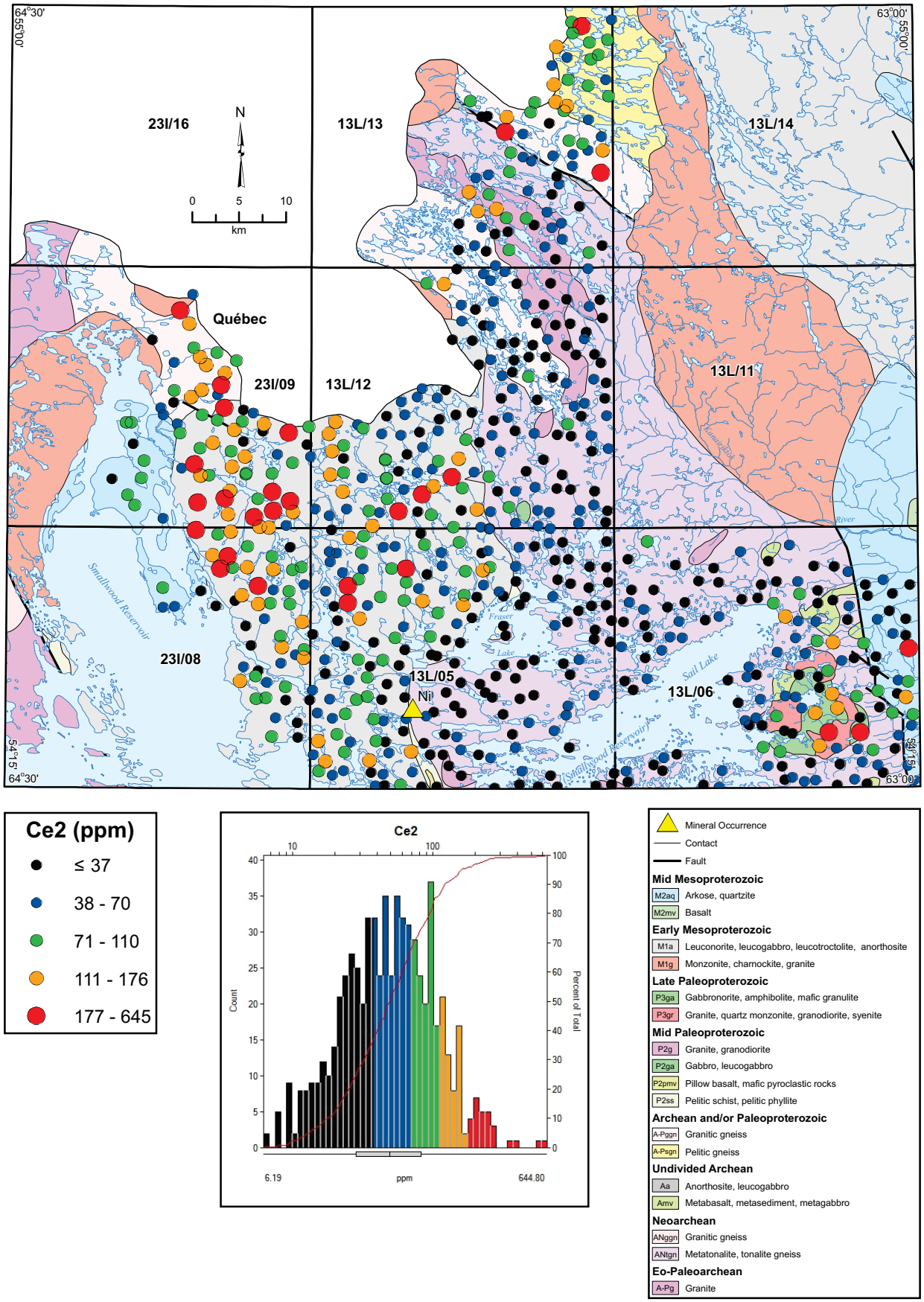



**Figure 44.** *Cerium (Ce2) in lake sediment.*

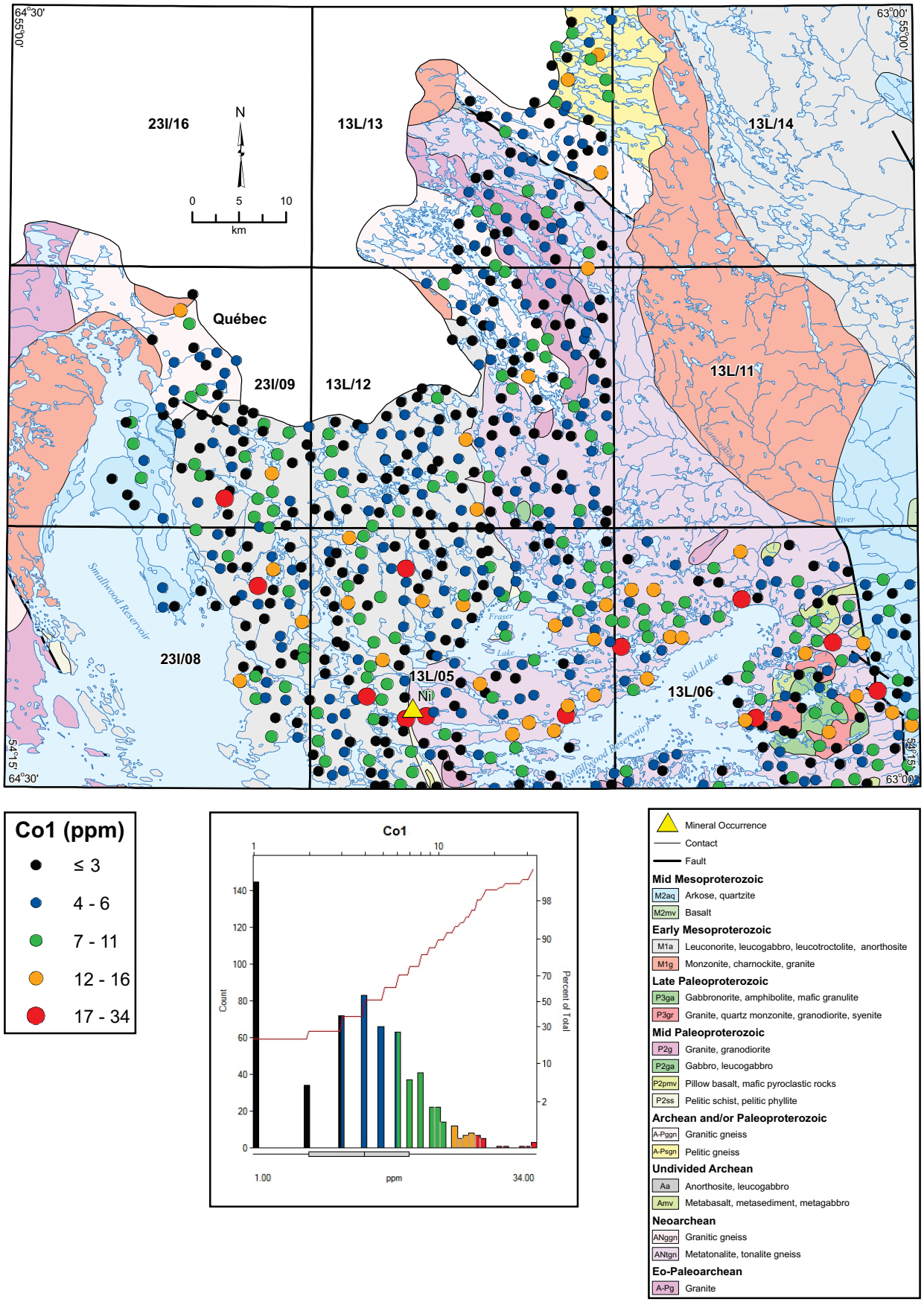



**Figure 45.** *Cobalt (Co1) in lake sediment.*

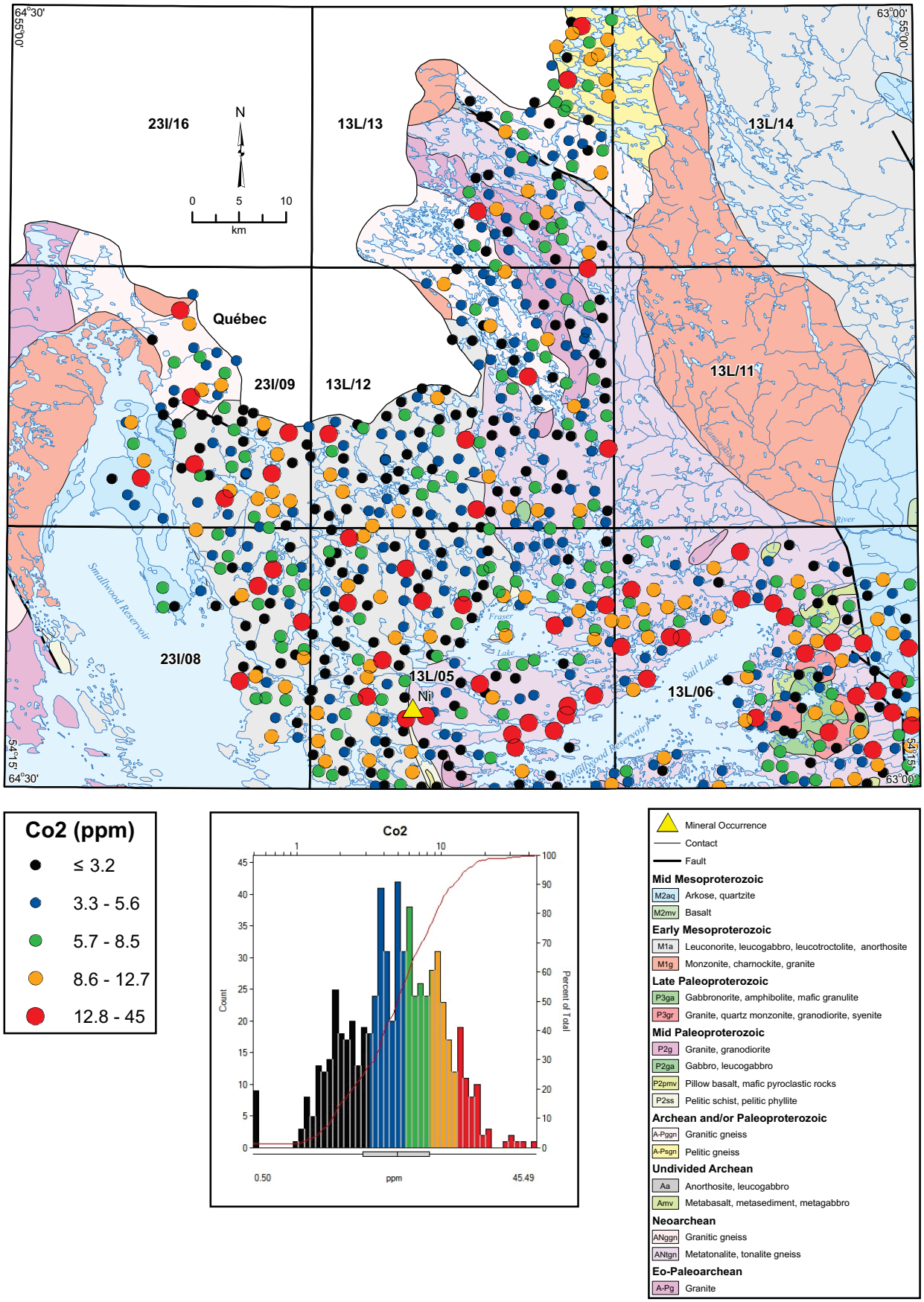



**Figure 46.** *Cobalt (Co2) in lake sediment.*

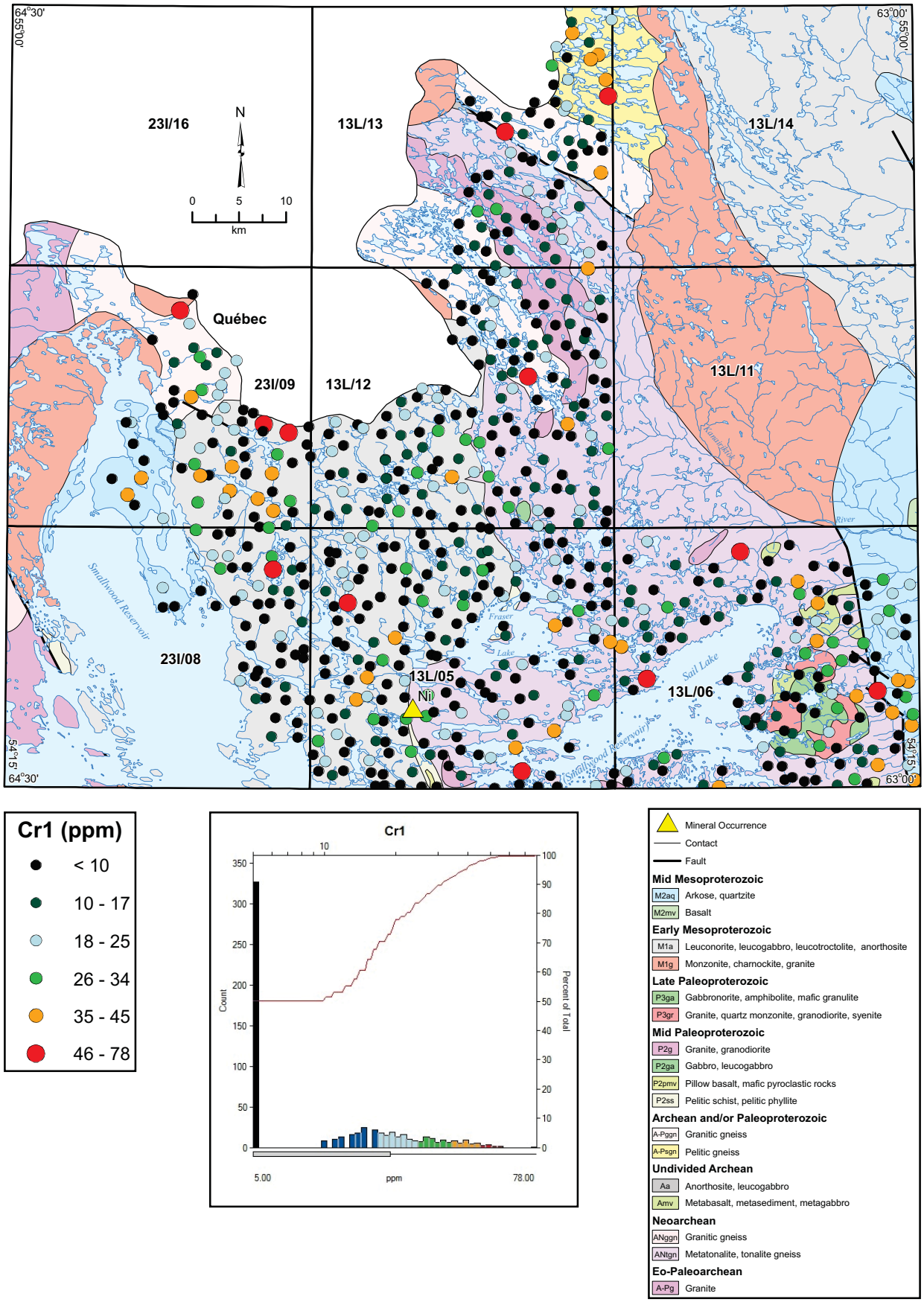



**Figure 47.** *Chromium (Cr1) in lake sediment.*

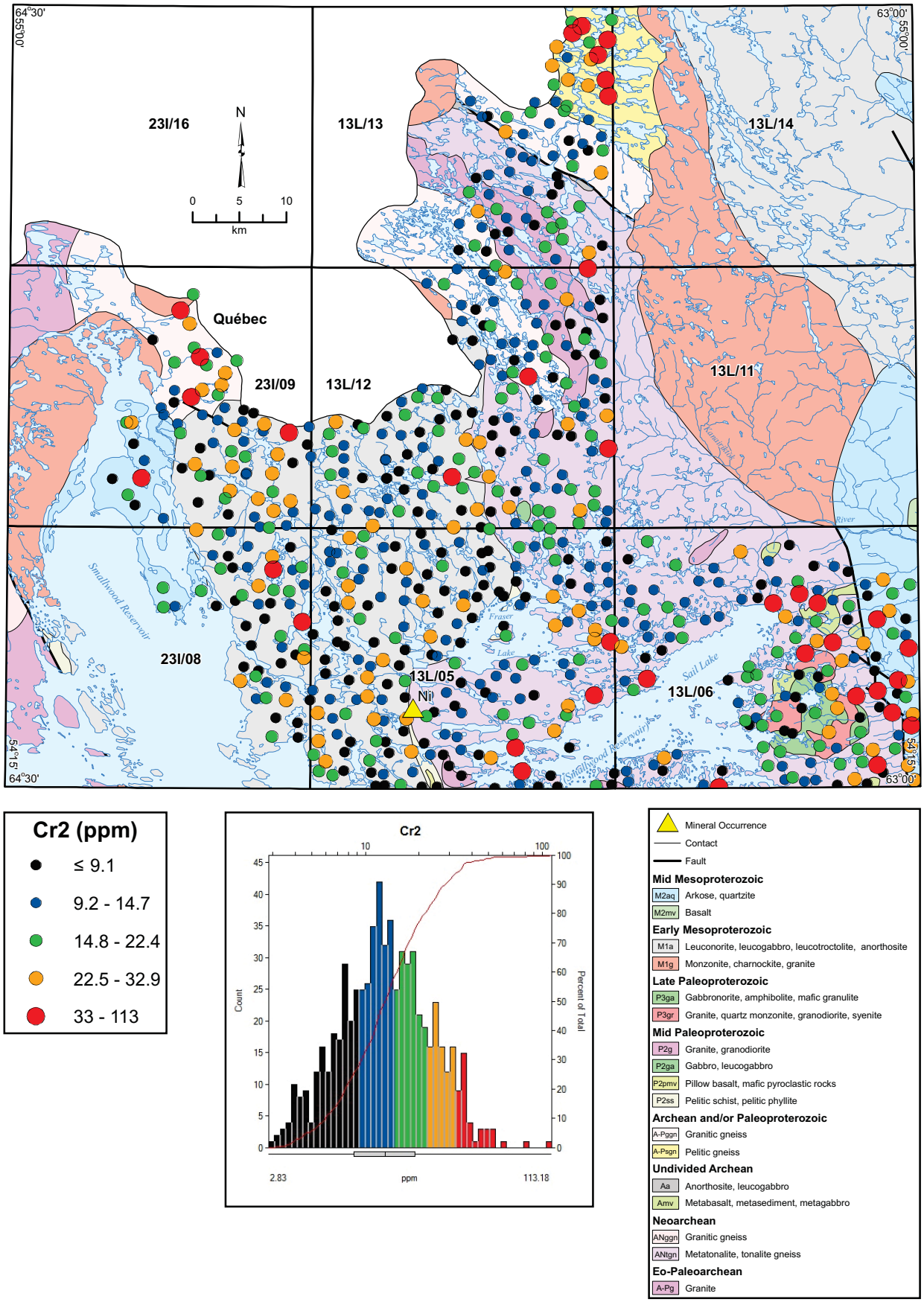



**Figure 48.** *Chromium (Cr2) in lake sediment.*

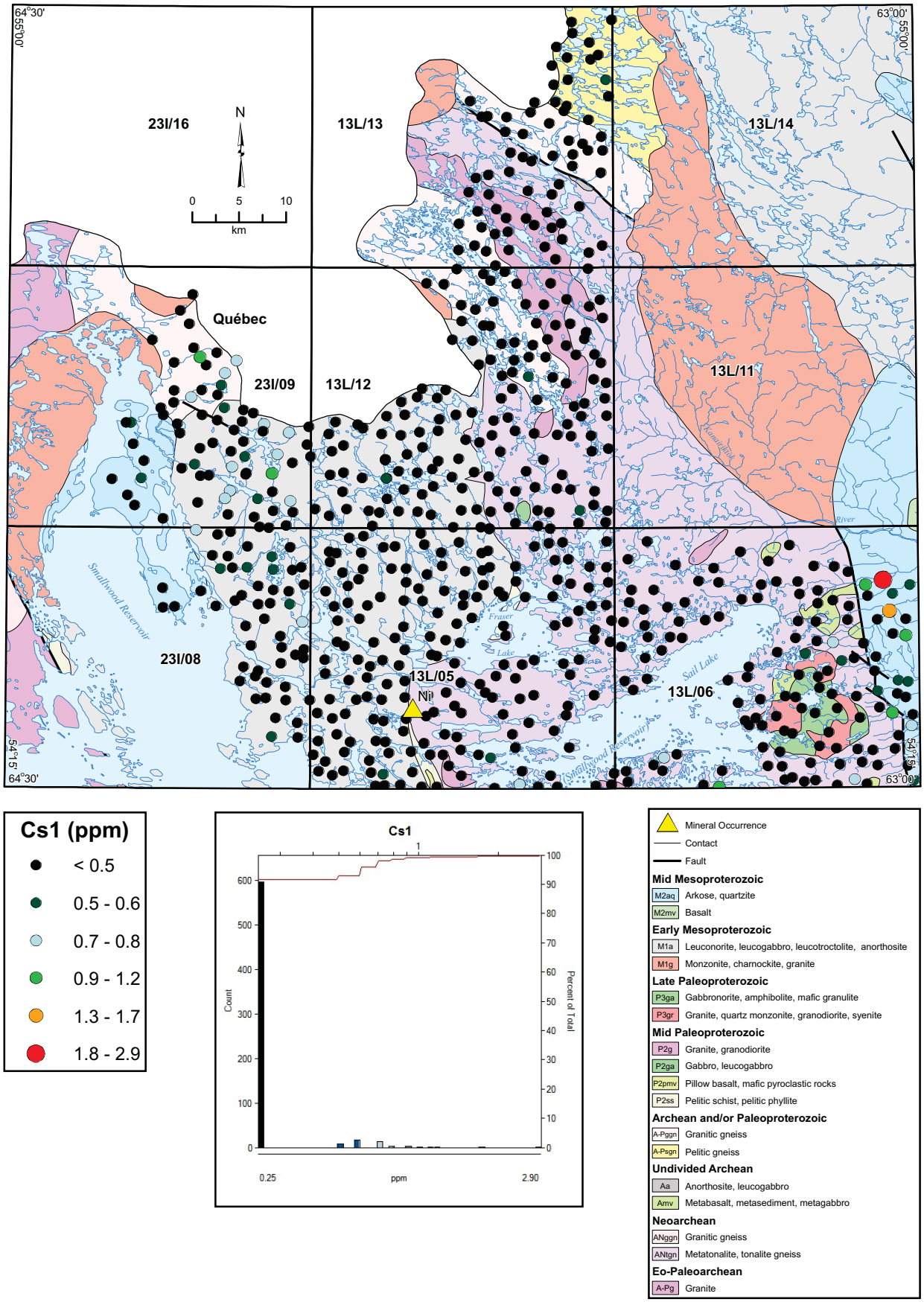



**Figure 49.** *Cesium (Cs1) in lake sediment.*

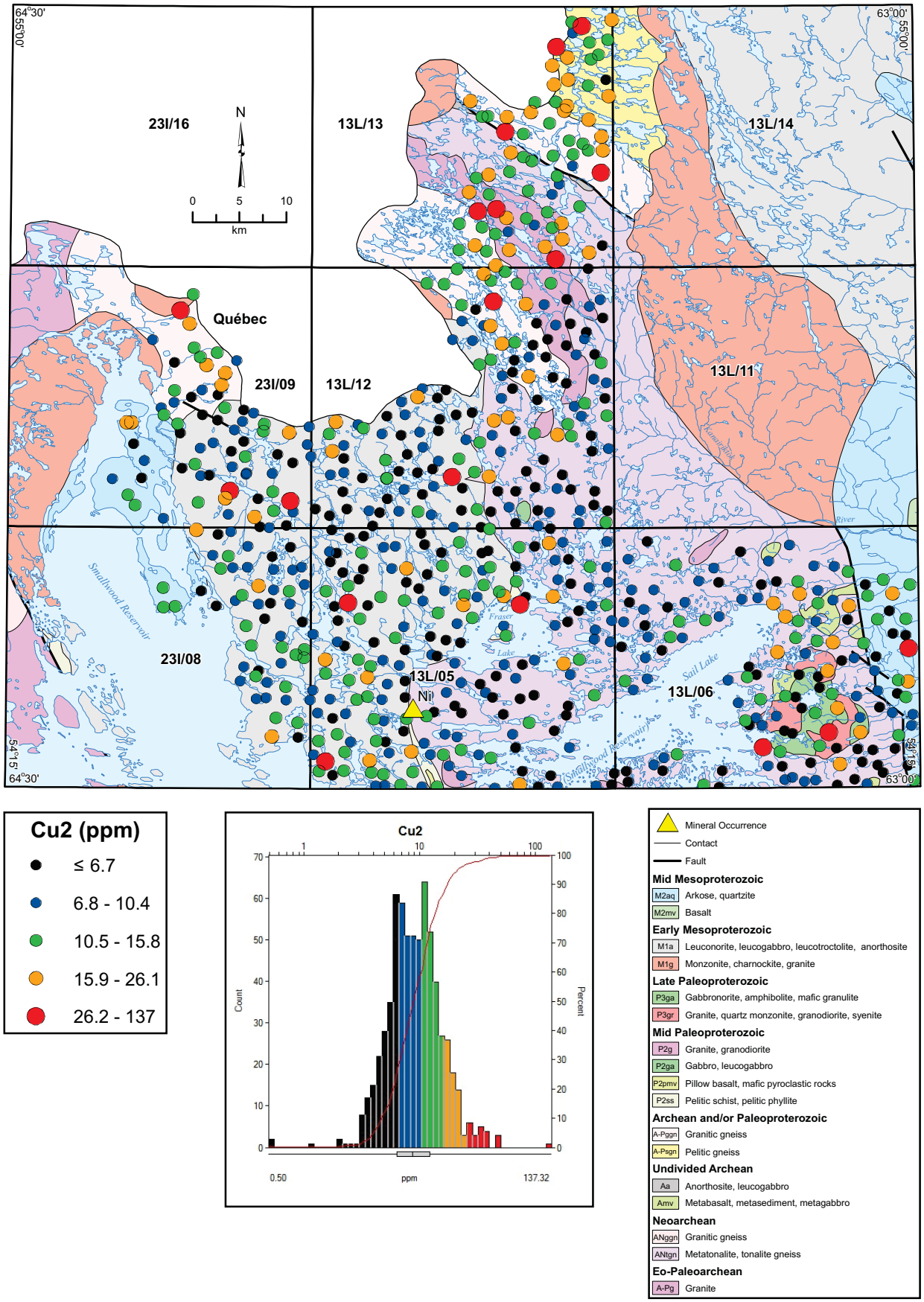



**Figure 50.** *Copper (Cu2) in lake sediment.*

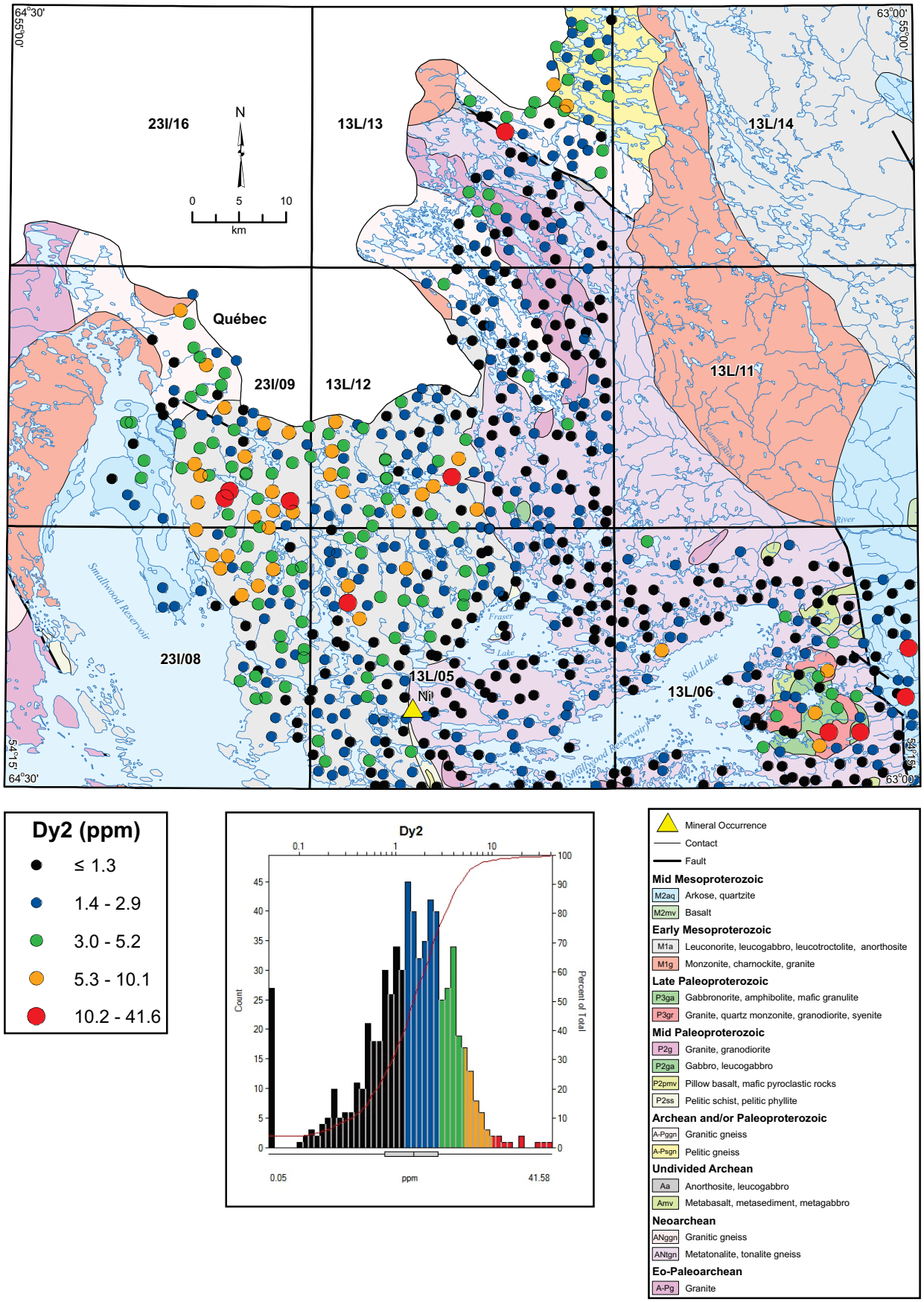



**Figure 51.** *Dysprosium (Dy2) in lake sediment.*

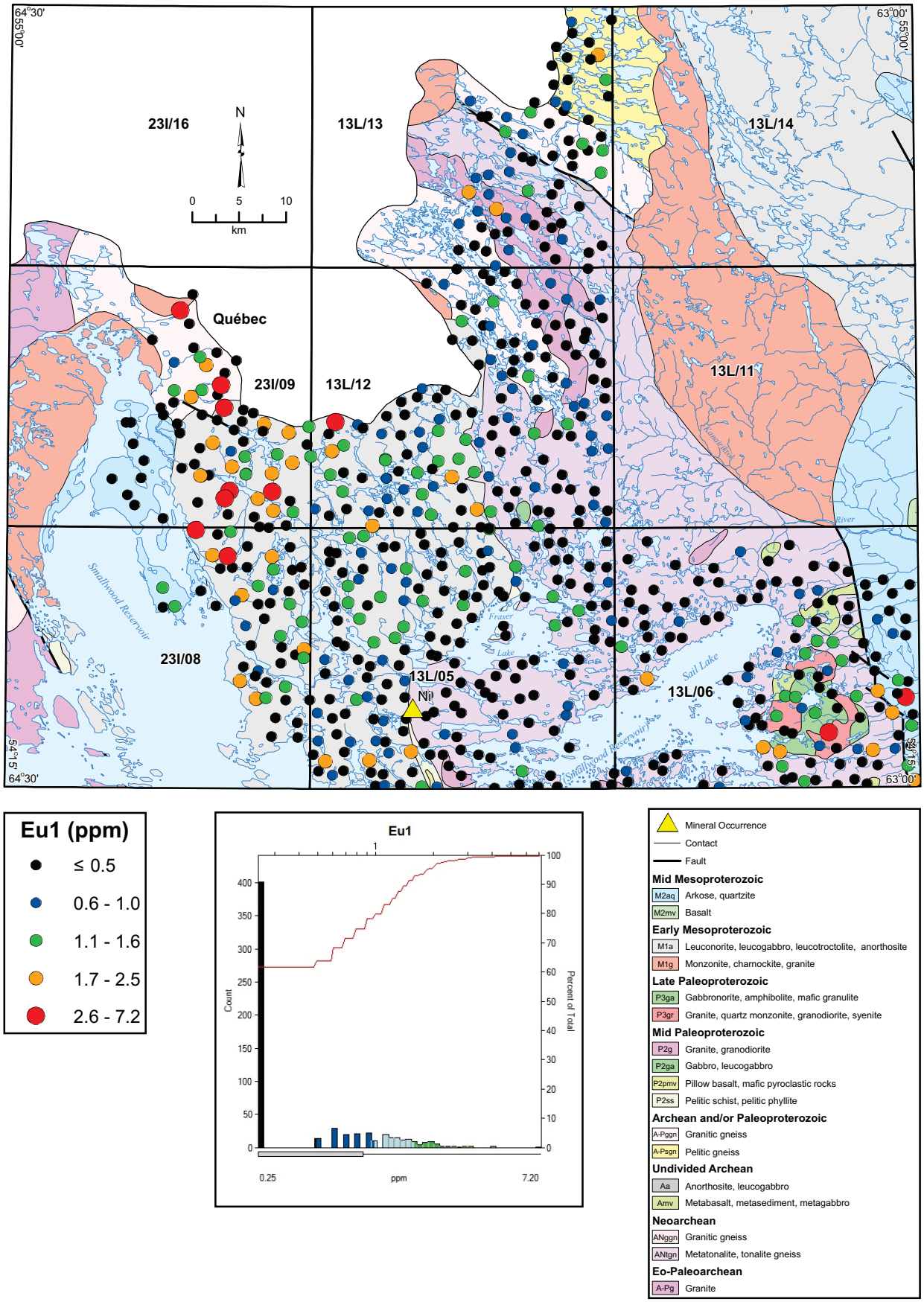



**Figure 52.** *Europium (Eu1) in lake sediment.*

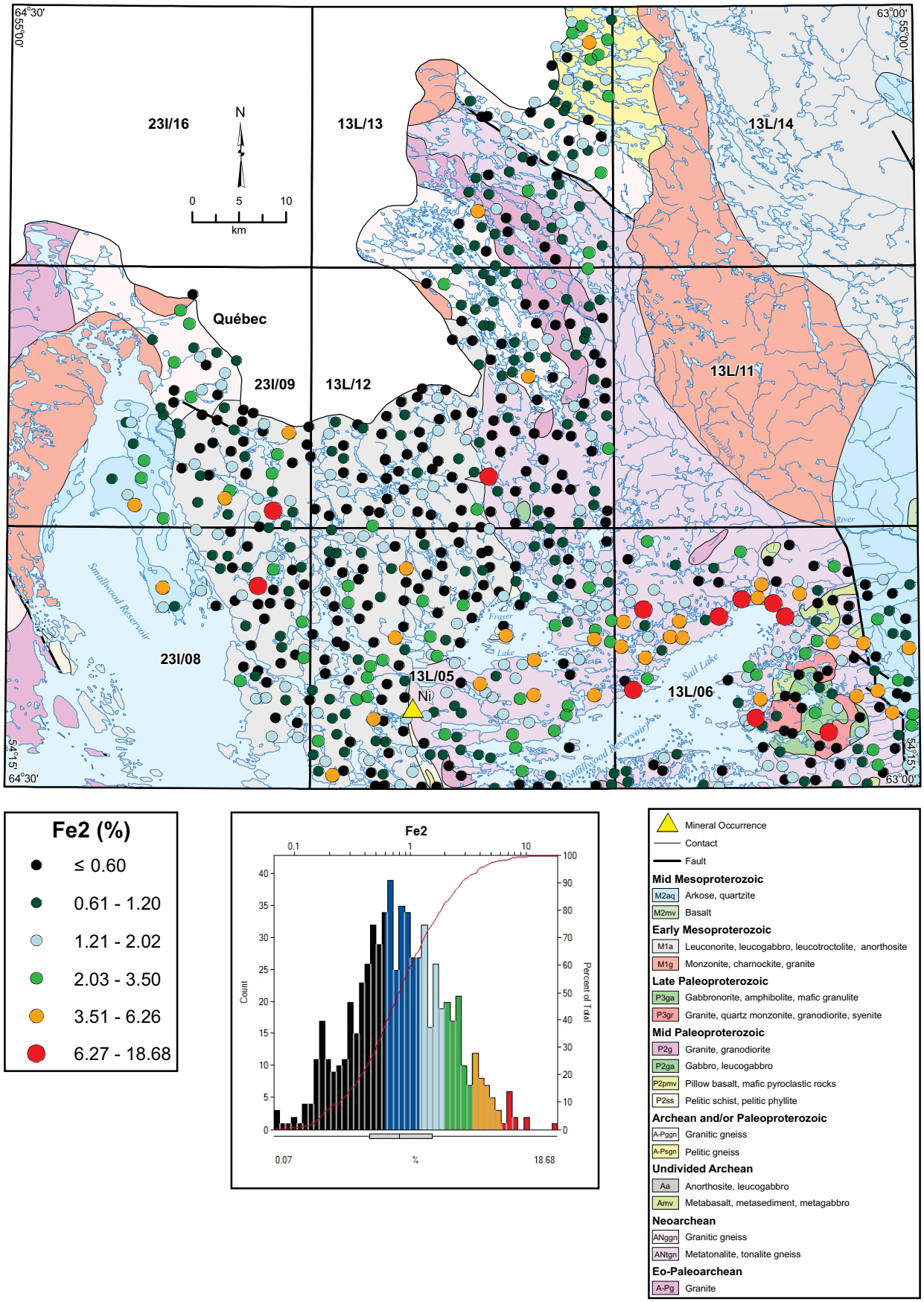



**Figure 53.** *Iron (Fe2) in lake sediment.*

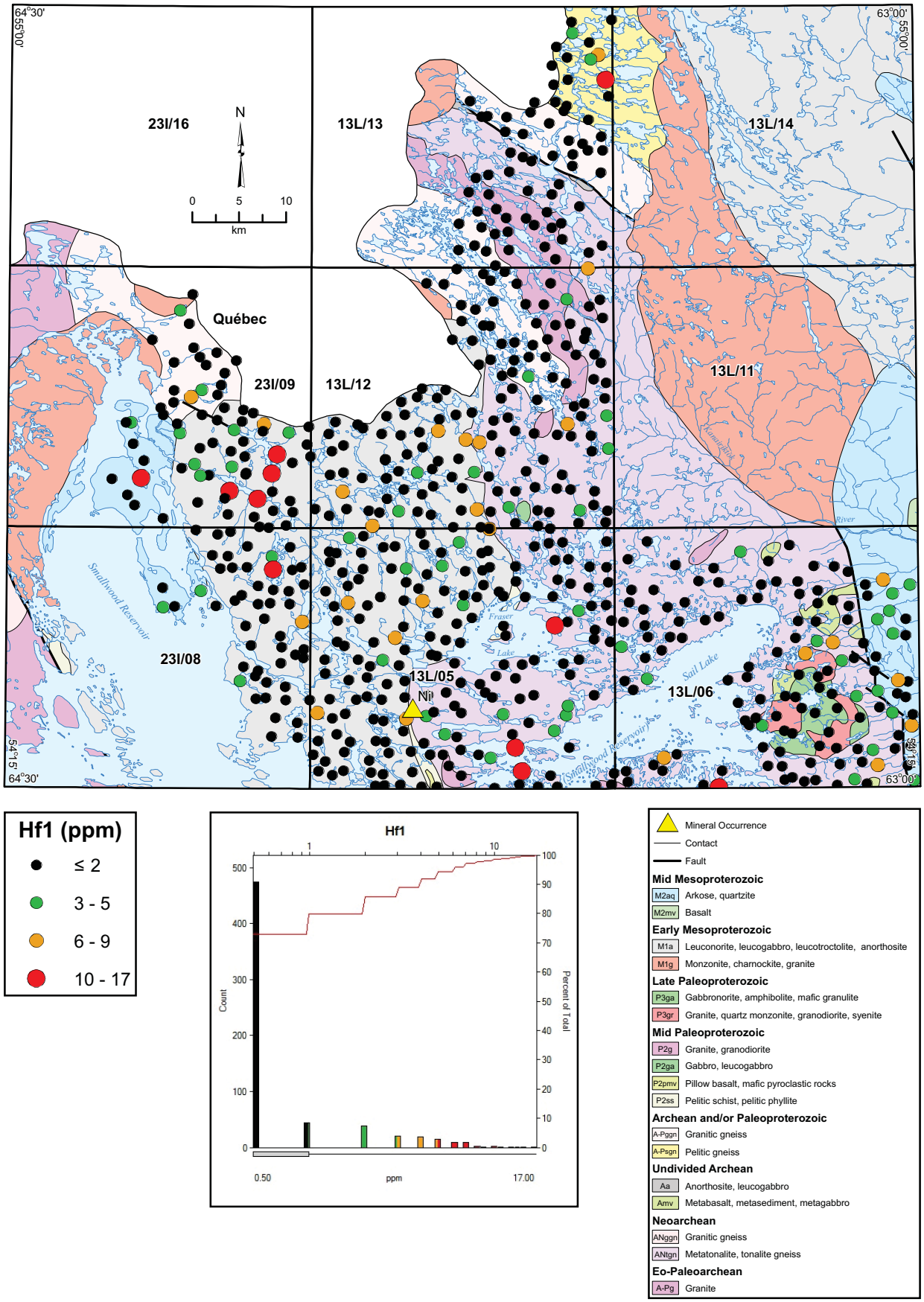



**Figure 54.** *Hafnium (Hf1) in lake sediment.*

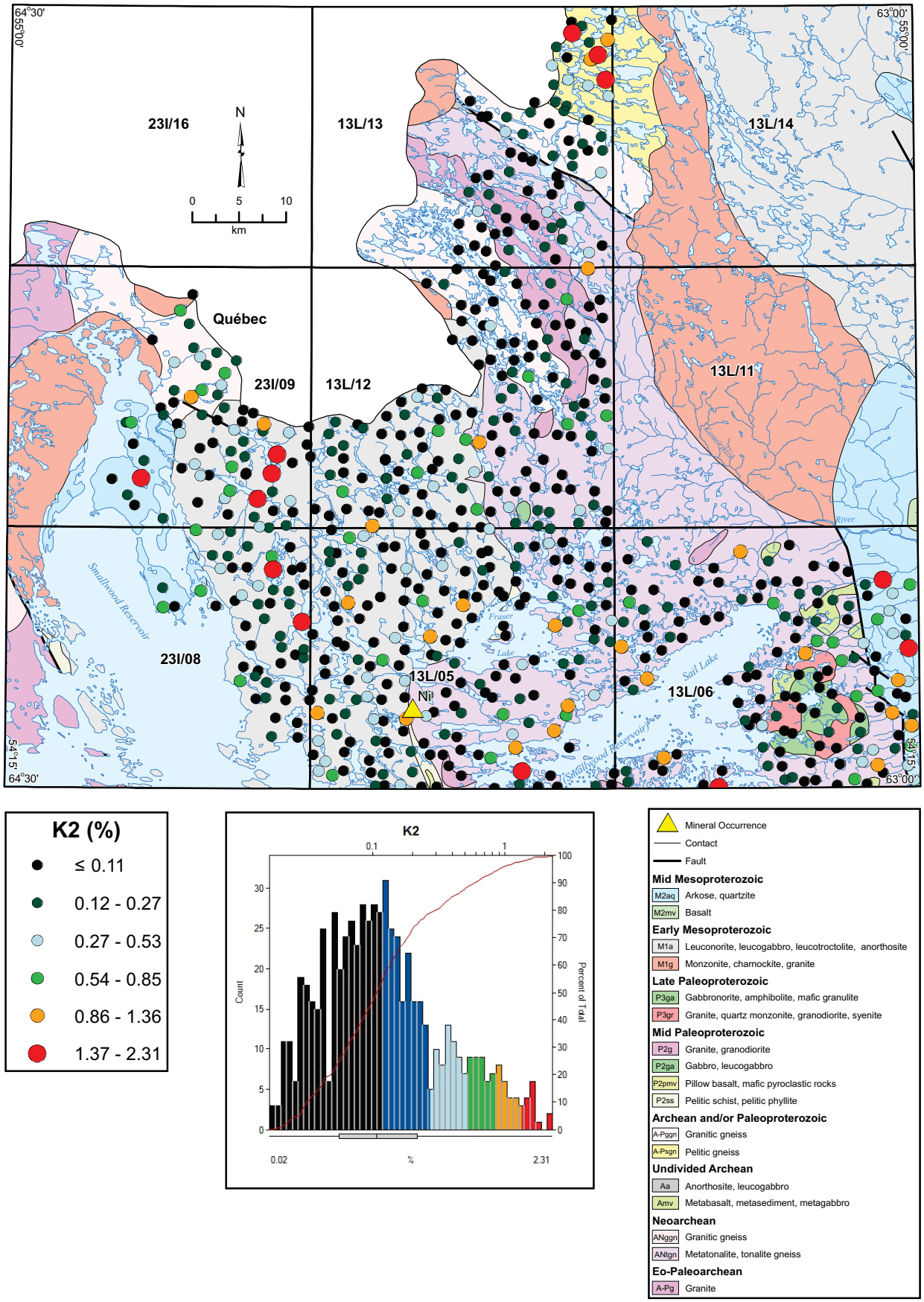



**Figure 55.** *Potassium (K2) in lake sediment.*

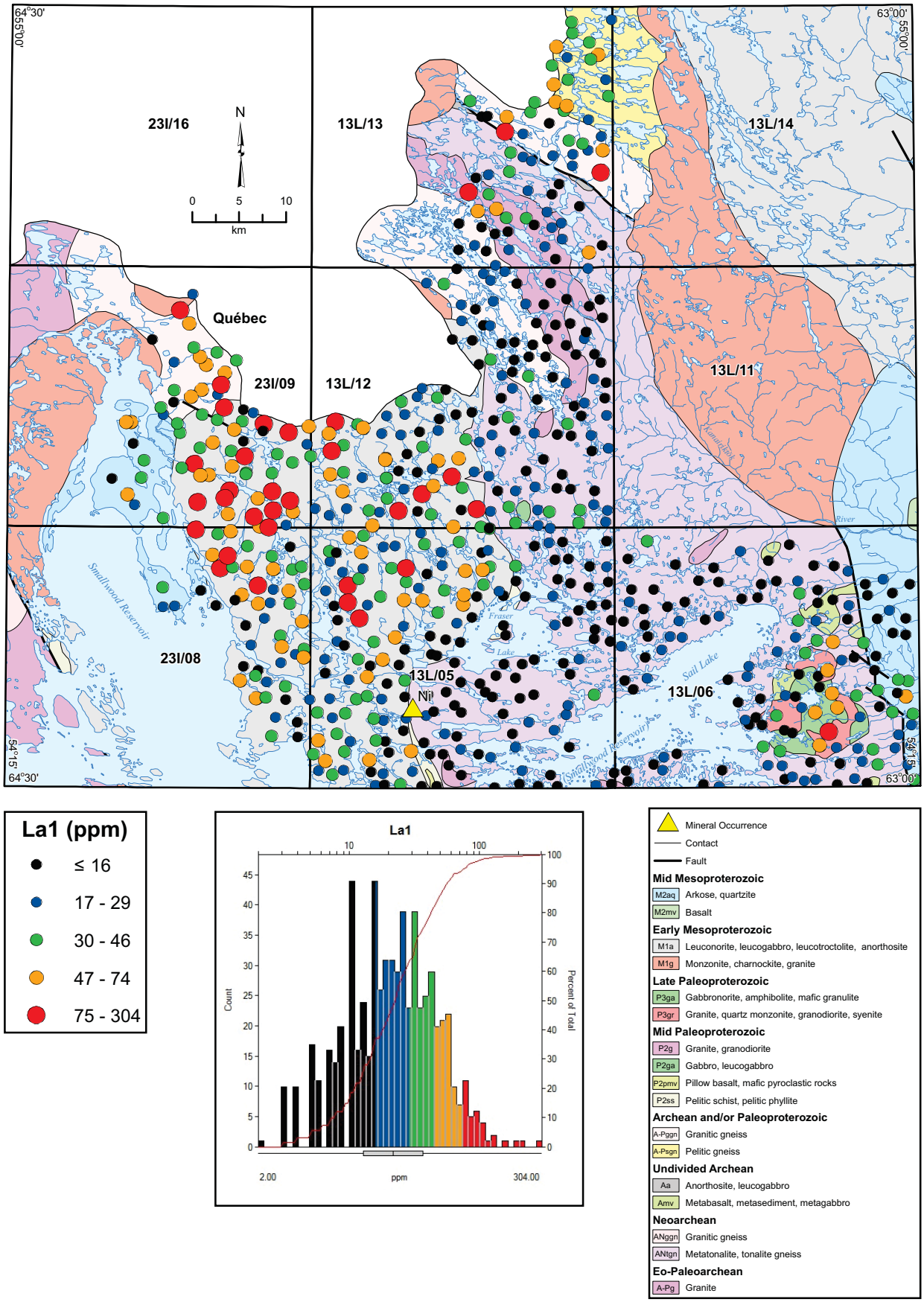



**Figure 56.** *Lanthanum (La1) in lake sediment.*

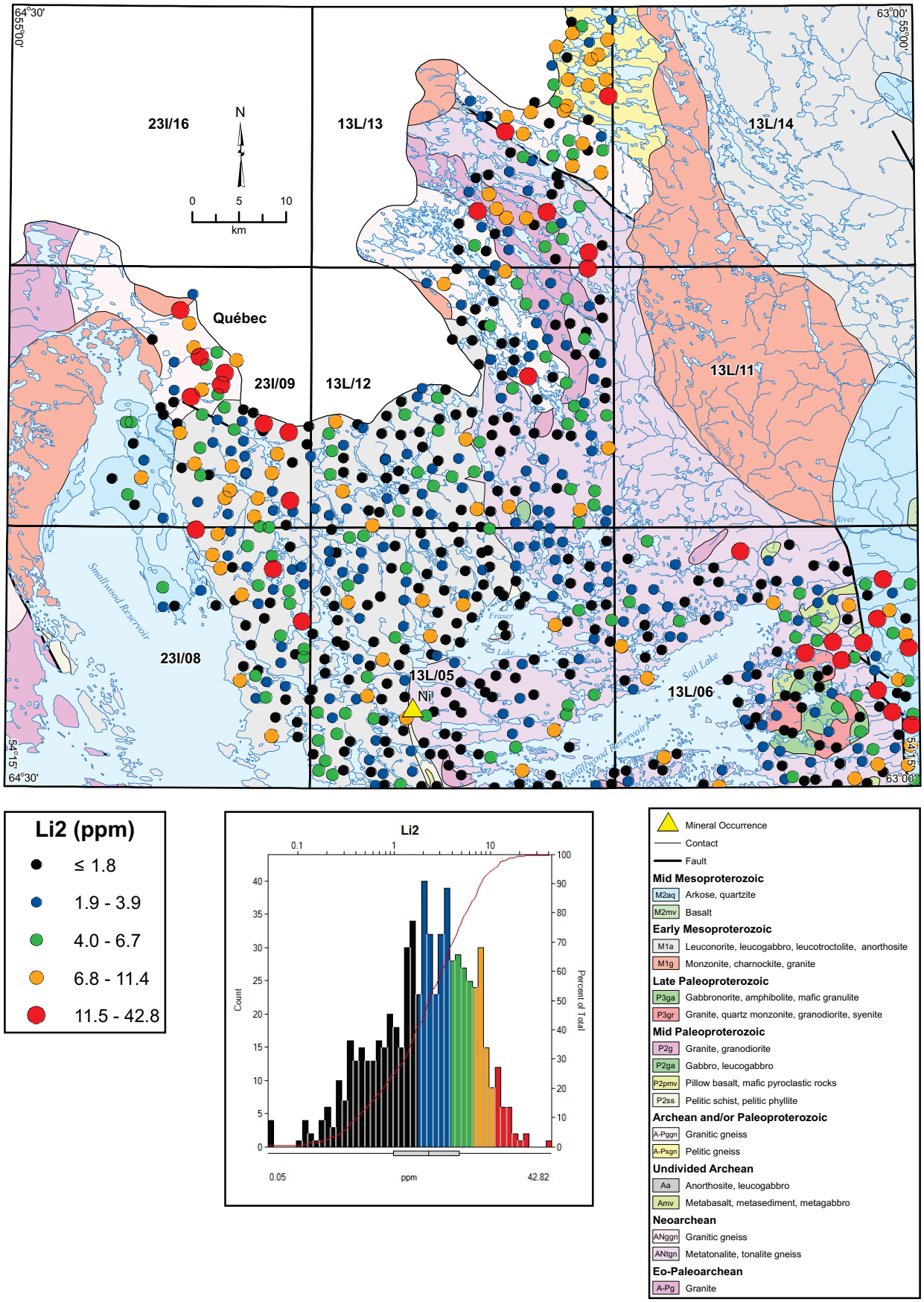
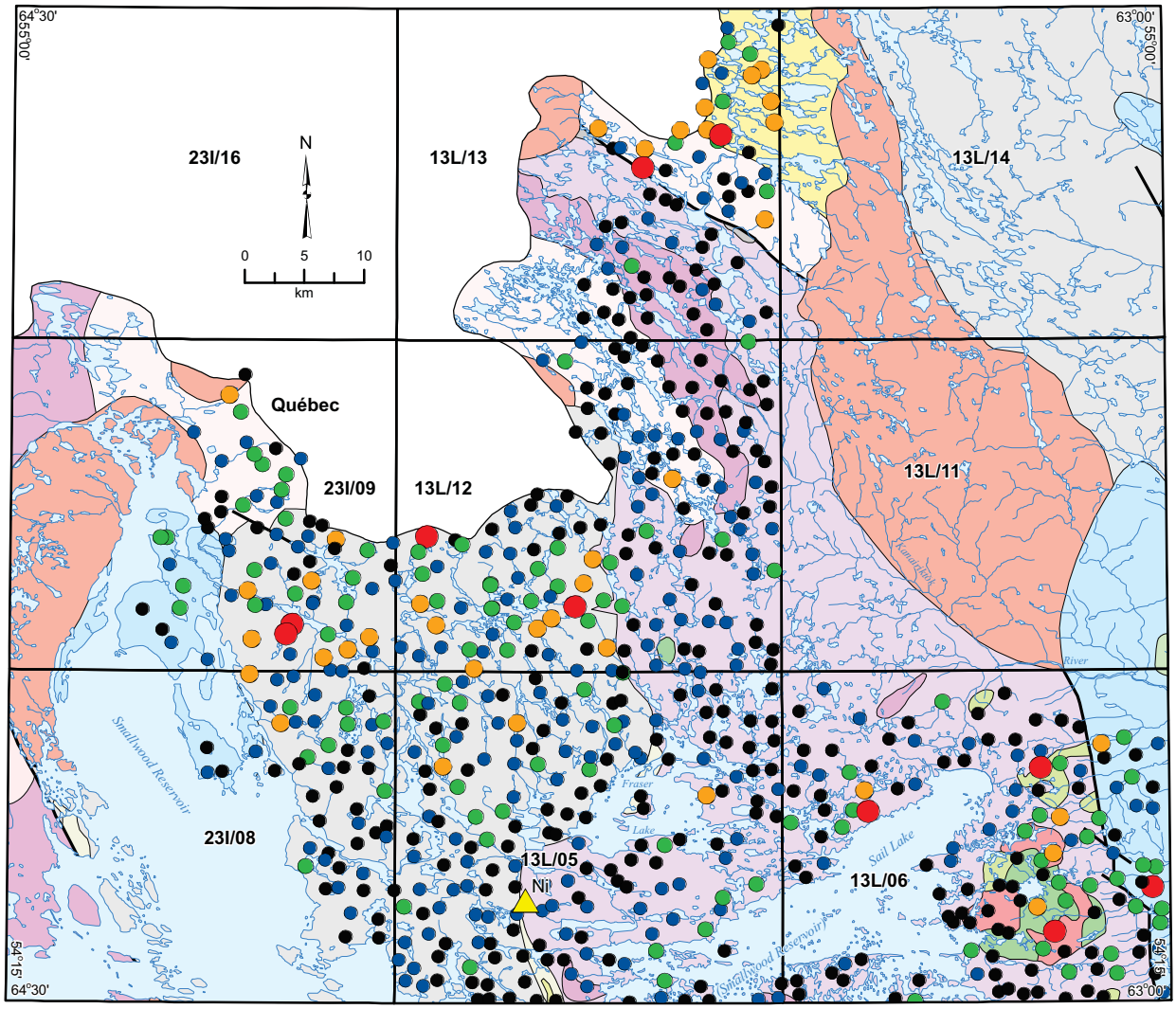
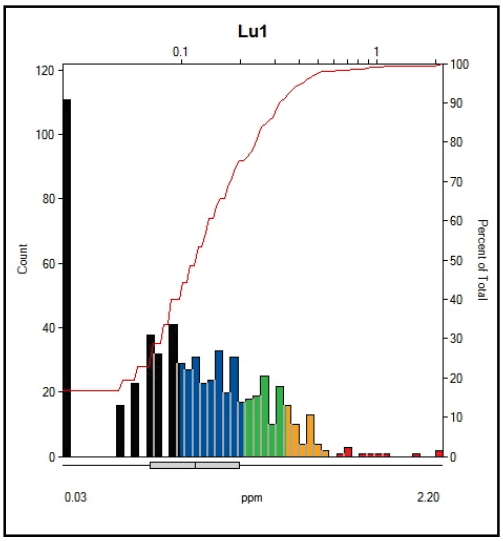



**Figure 57.** *Lithium (Li2) in lake sediment.*




**Lu1 (ppm)**

- ≤ 0.10
- 0.11 - 0.21
- 0.22 - 0.35
- 0.36 - 0.63
- 0.64 - 2.20




- Mineral Occurrence
- Contact
- Fault

**Mid Mesoproterozoic**
- M2aq Arkose, quartzite
- M2mv Basalt

**Early Mesoproterozoic**
- M1a Leuconorite, leucogabbro, leucotroctolite, anorthosite
- M1g Monzonite, charnockite, granite

**Late Paleoproterozoic**
- P3ga Gabbronorite, amphibolite, mafic granulite
- P3gr Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2pmv Pillow basalt, mafic pyroclastic rocks
- P2ss Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**
- A-Pggn Granitic gneiss
- A-Psgn Pelitic gneiss

**Undivided Archean**
- Aa Anorthosite, leucogabbro
- Amv Metabasalt, metasediment, metagabbro

**Neoarchean**
- ANggn Granitic gneiss
- ANtgn Metatonalite, tonalite gneiss

**Eo-Paleoarchean**
- A-Pg Granite

**Figure 58.** *Lutetium (Lu1) in lake sediment.*

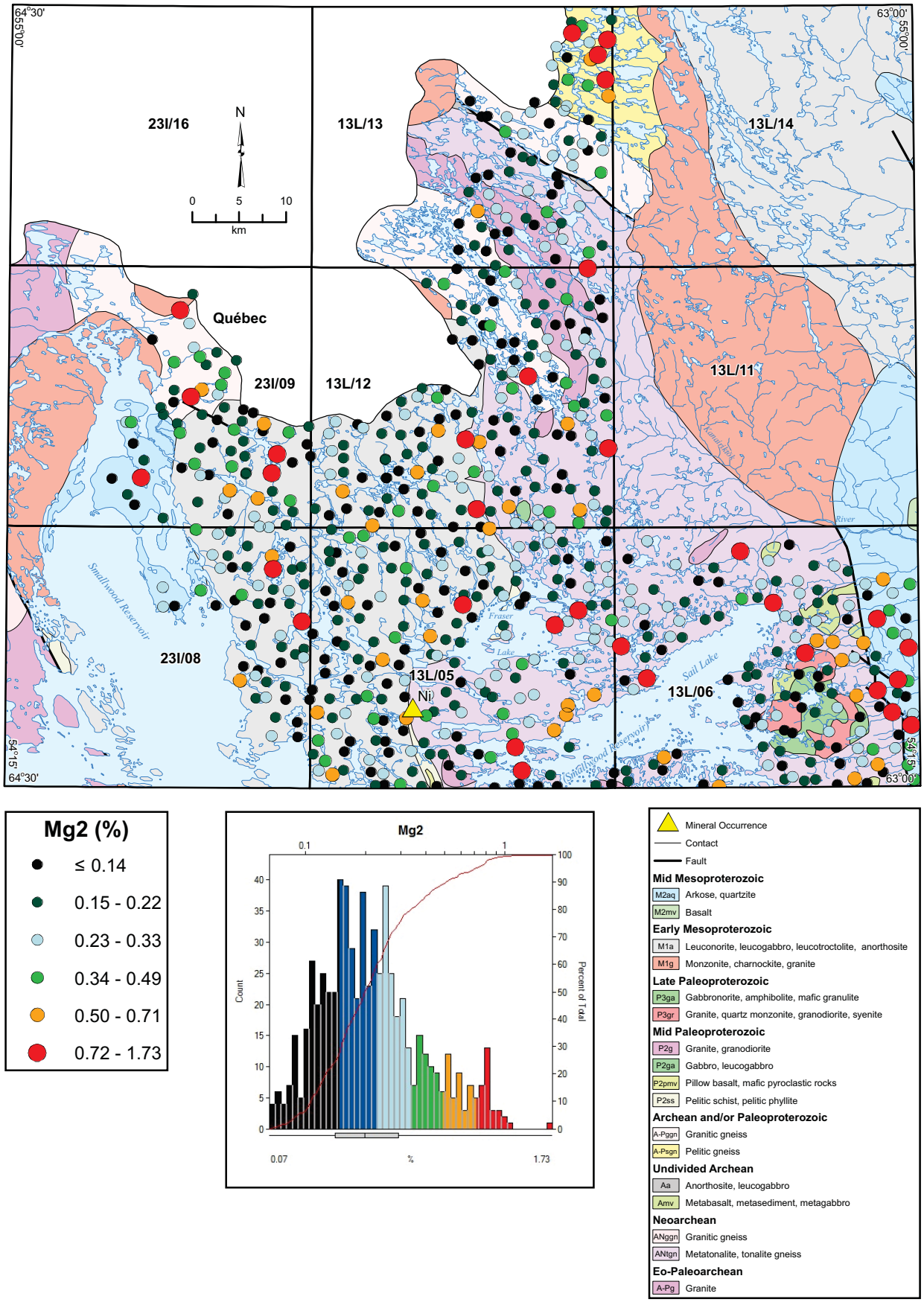



**Figure 59.** *Magnesium (Mg2) in lake sediment.*

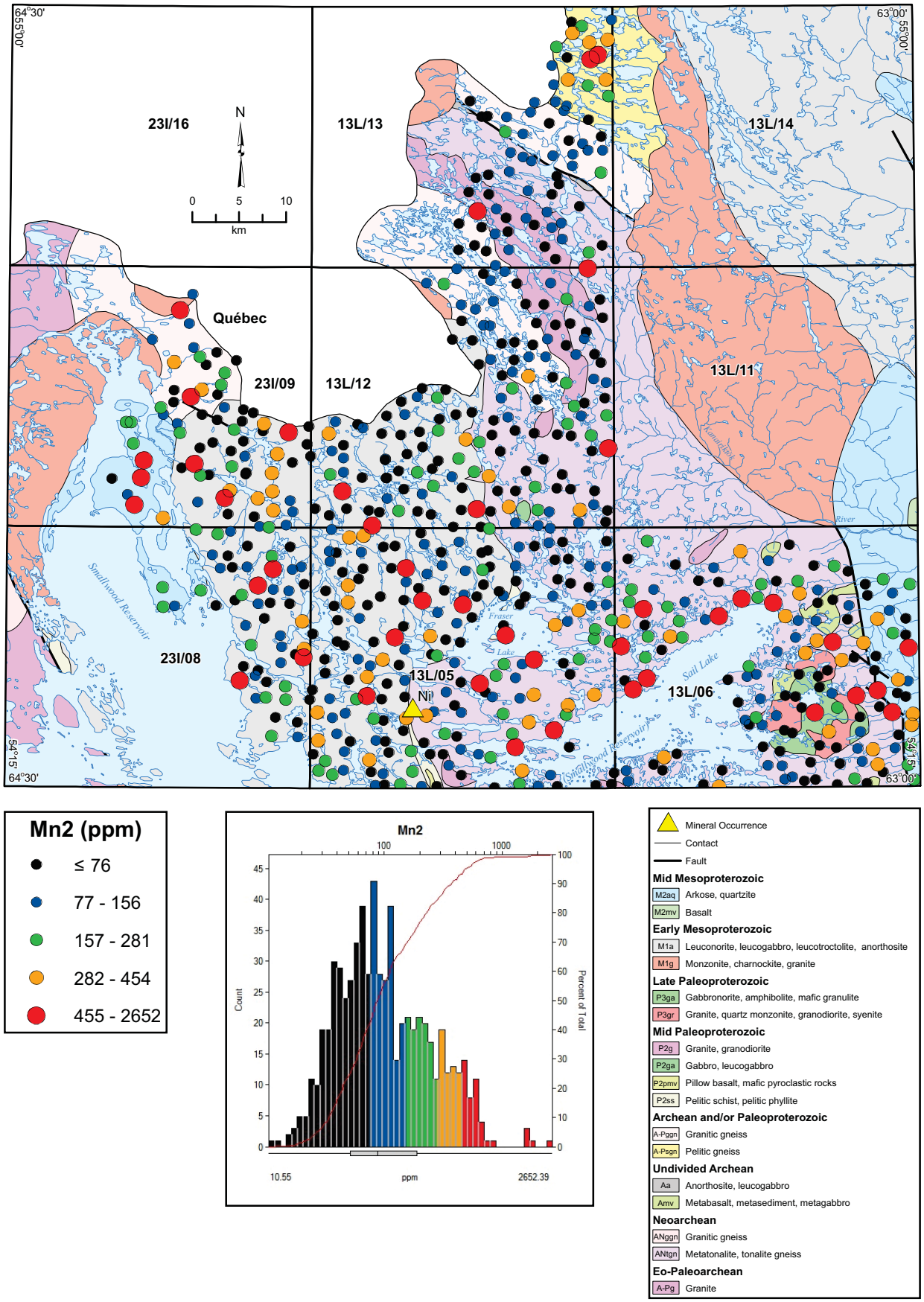



**Figure 60.** *Manganese (Mn2) in lake sediment.*

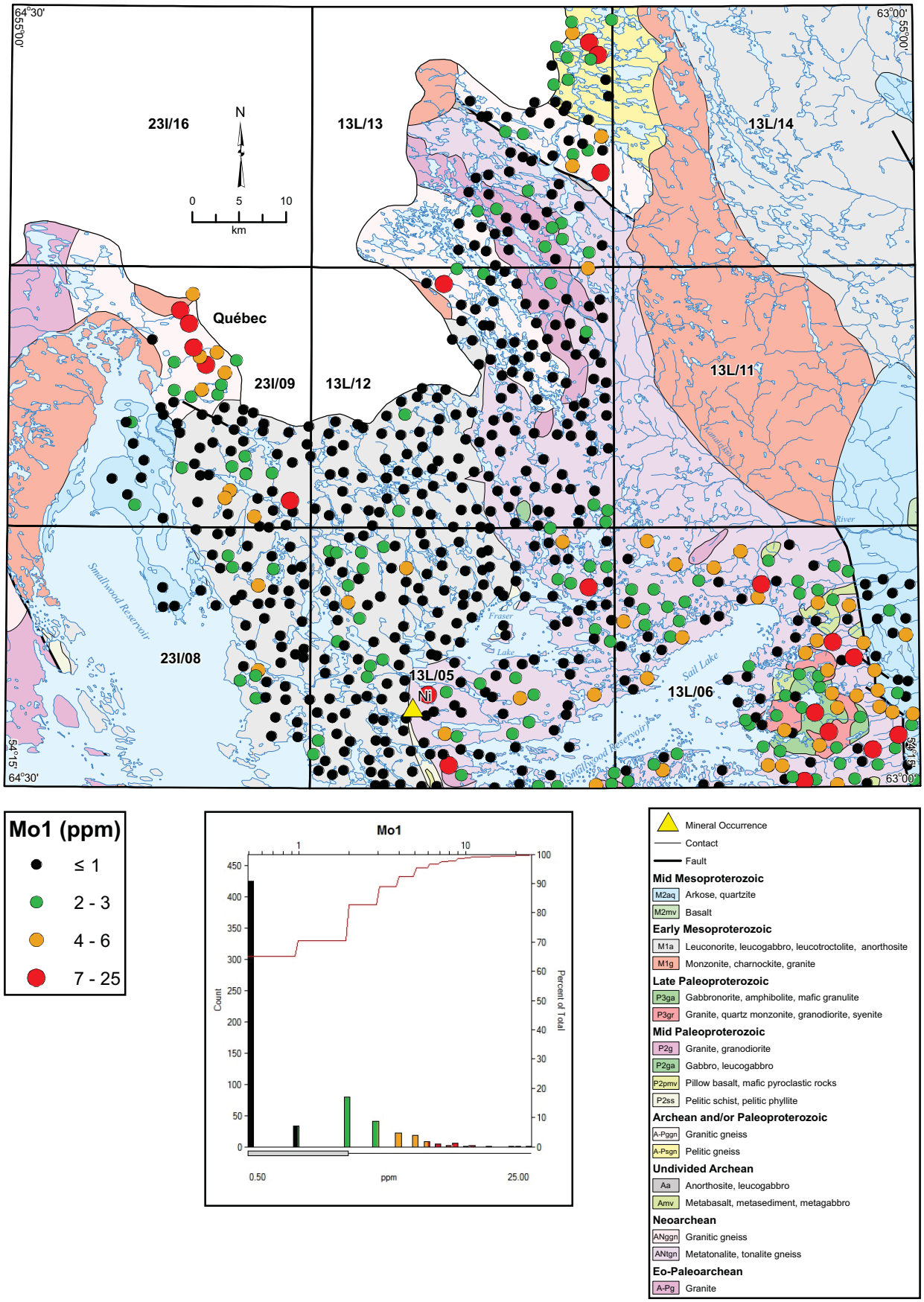



**Figure 61.** *Molybdenum (Mo1) in lake sediment.*

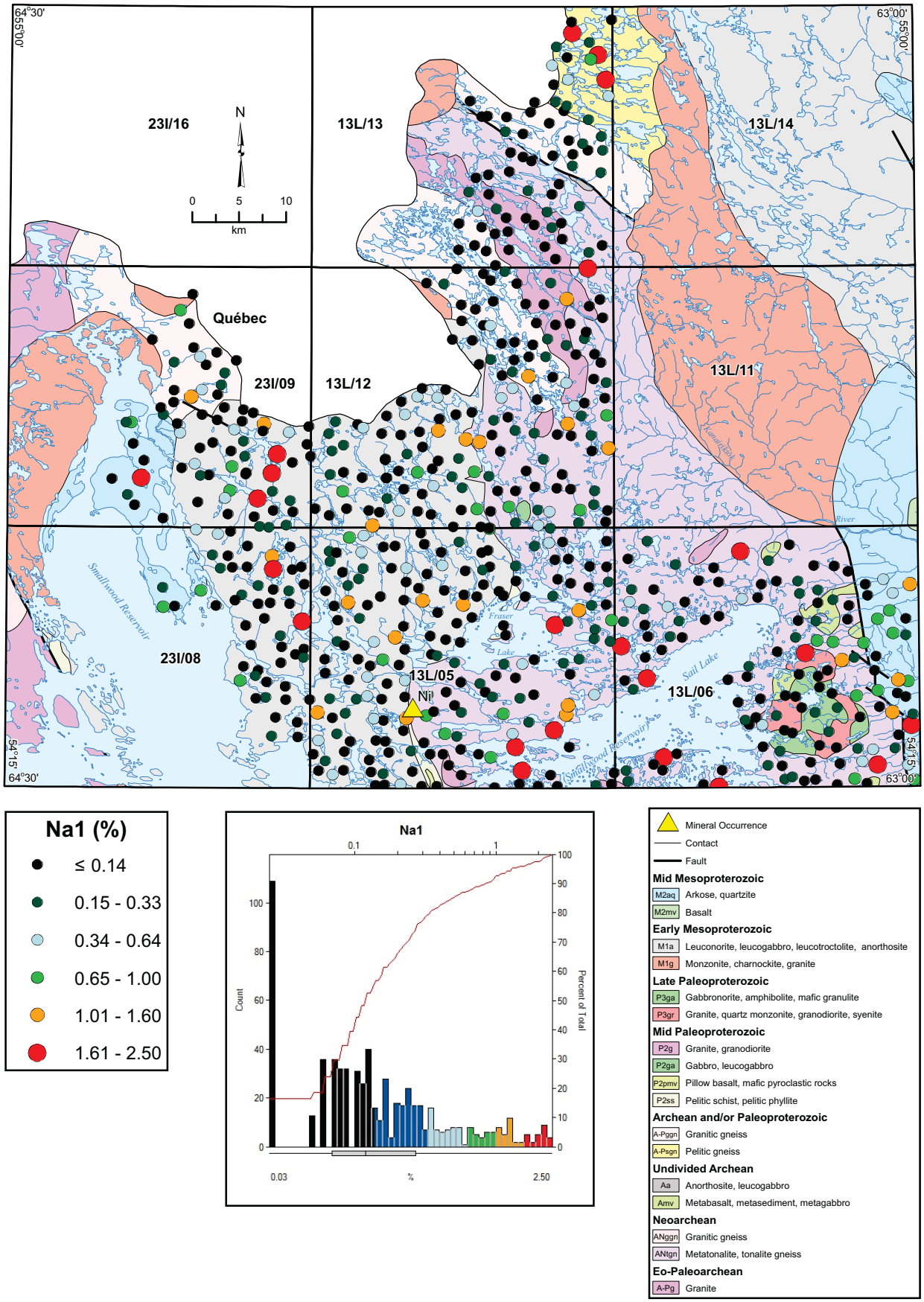



**Figure 62.** *Sodium (Na1) in lake sediment.*

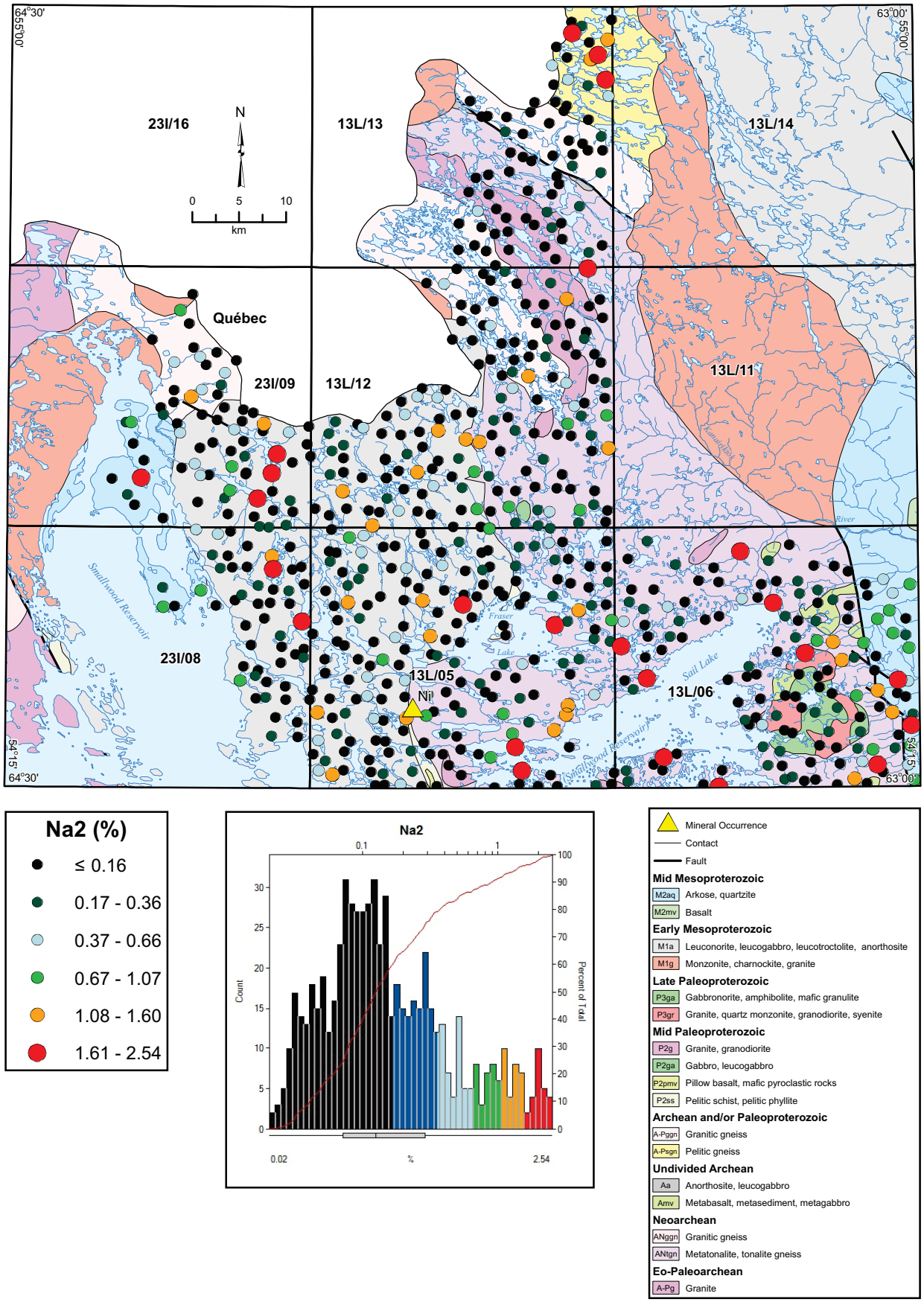



**Figure 63.** *Sodium (Na2) in lake sediment.*

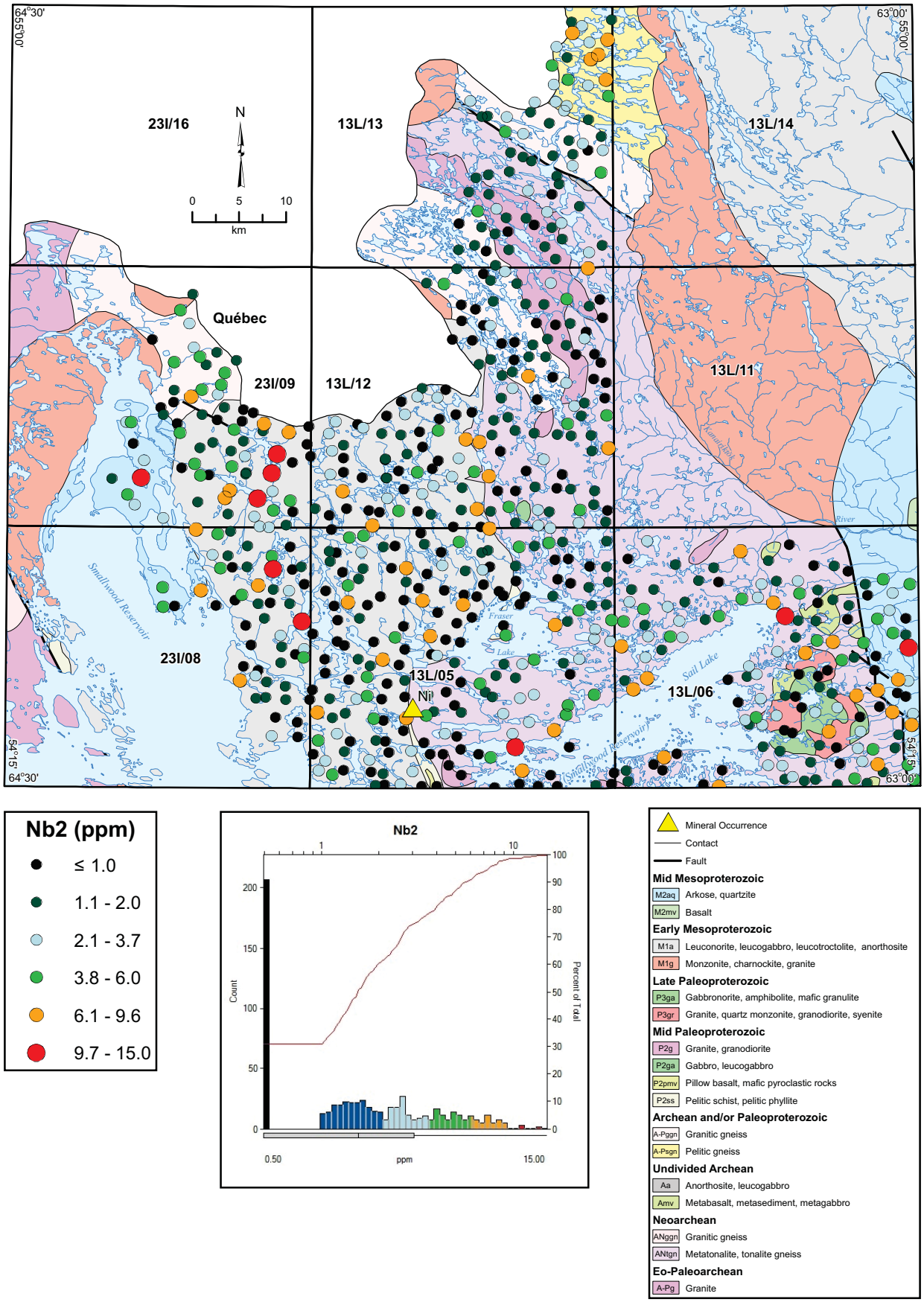



**Figure 64.** *Niobium (Nb2) in lake sediment.*

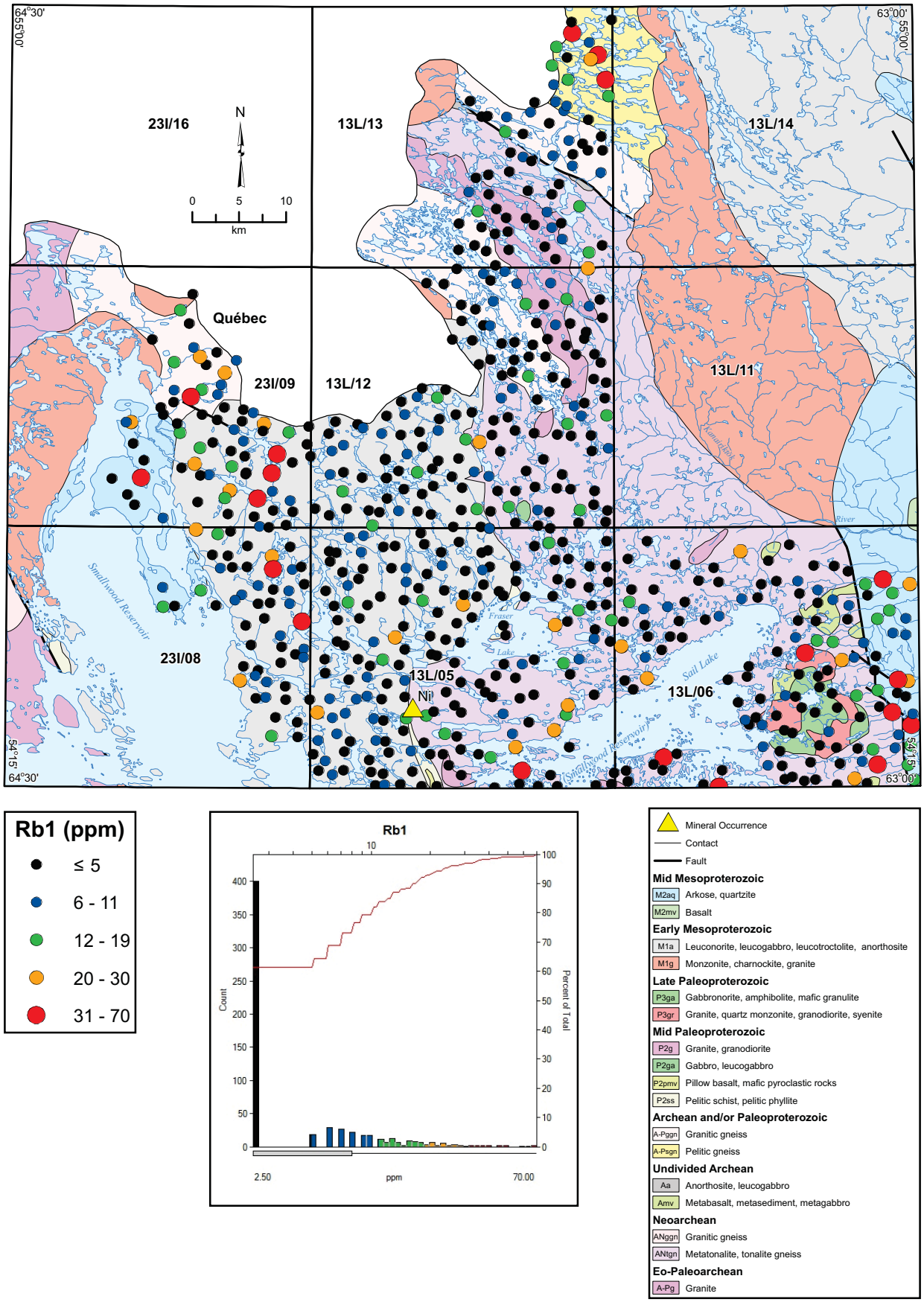



**Figure 65.** *Rubidium (Rb1) in lake sediment.*

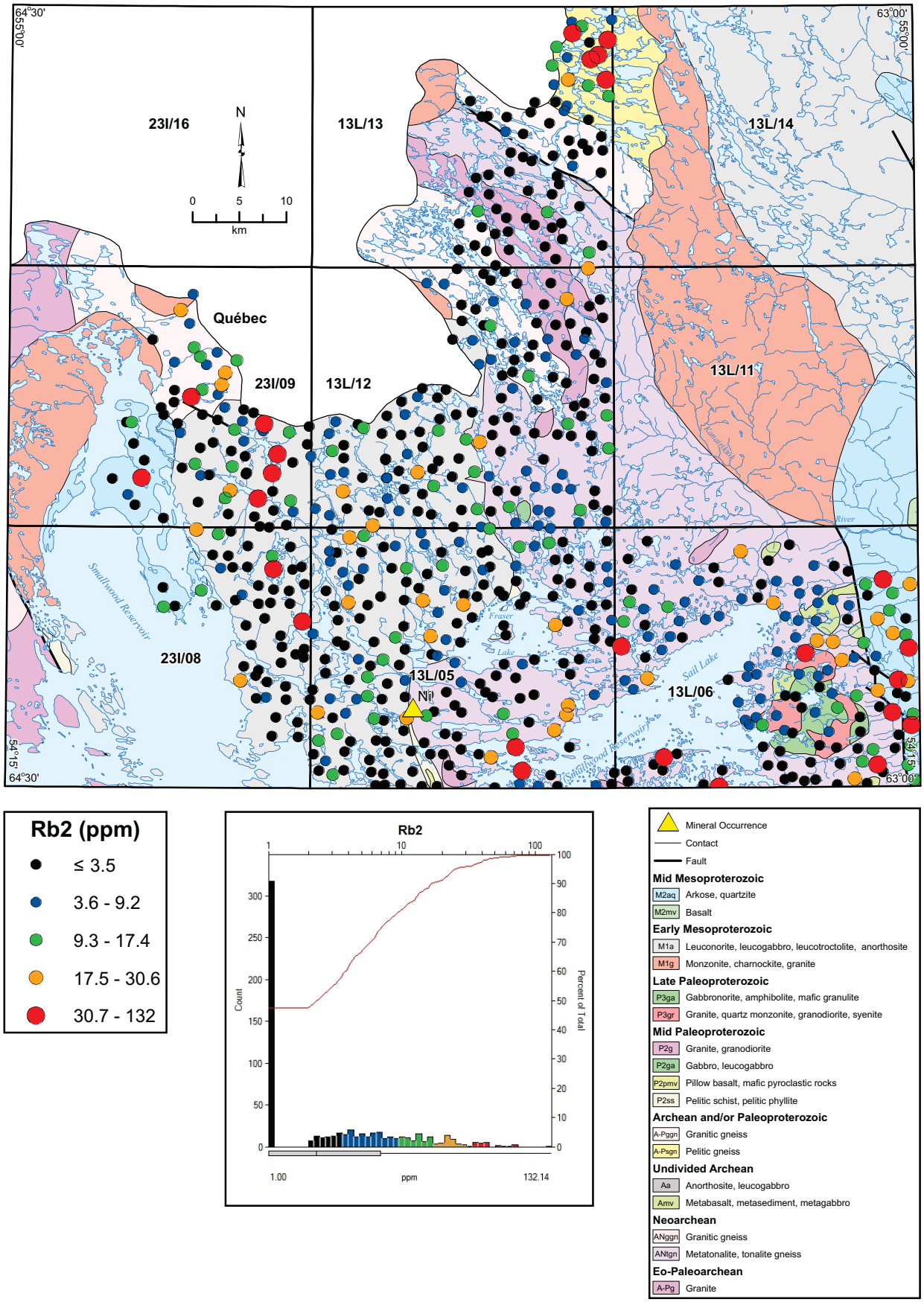



**Figure 66.** *Rubidium (Rb2) in lake sediment.*

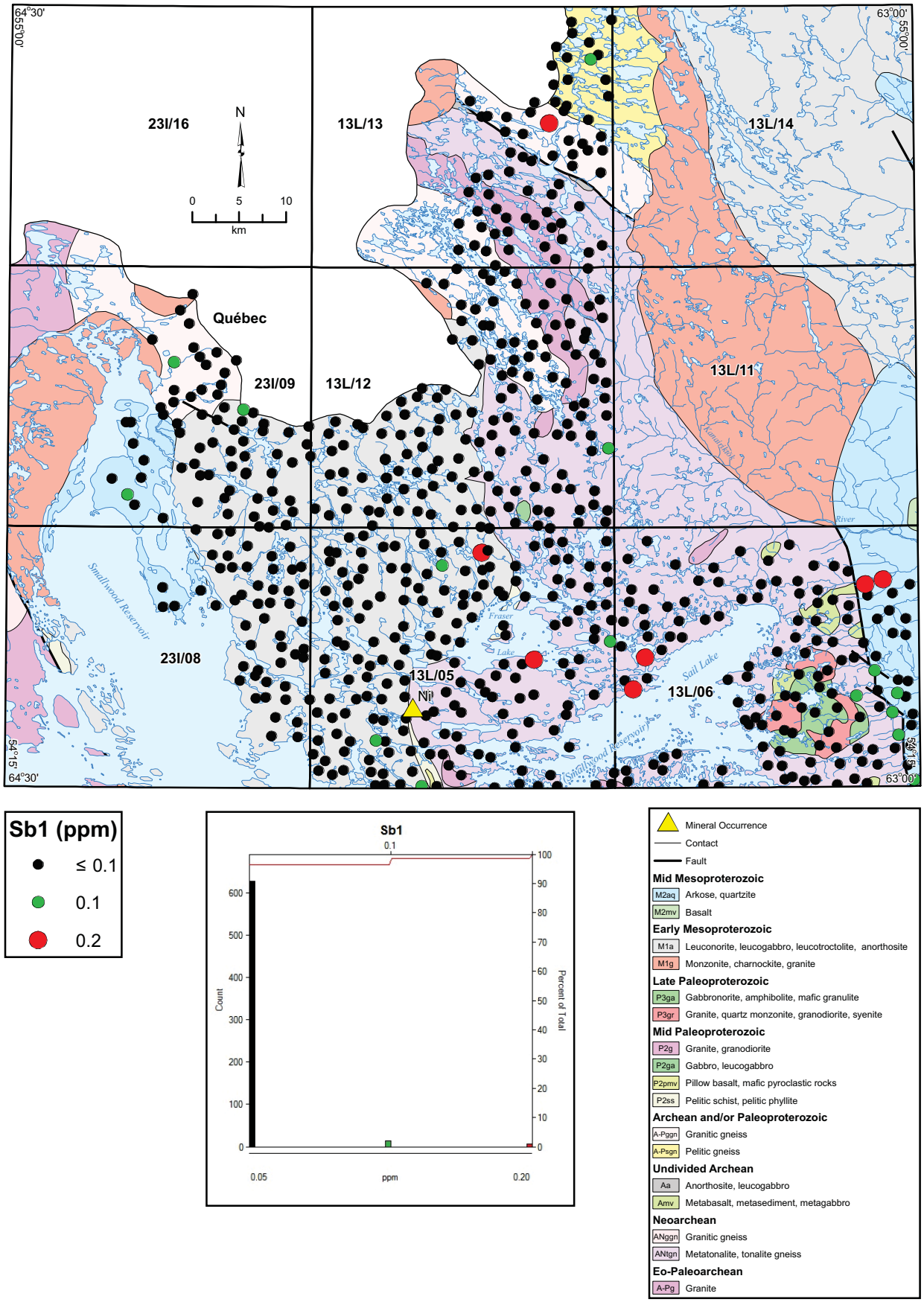



**Figure 67.** *Antimony (Sb1) in lake sediment.*

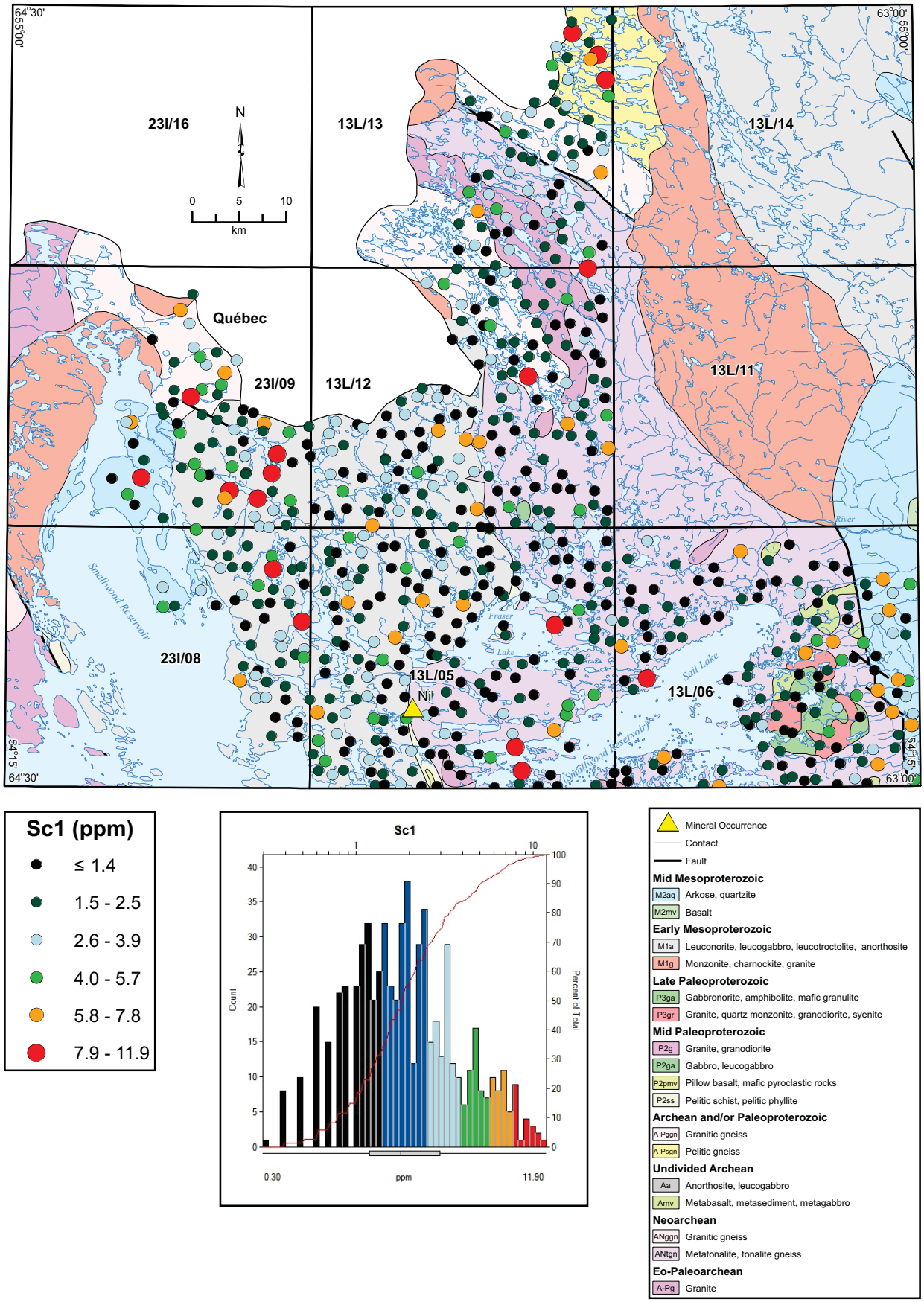



**Figure 68.** *Scandium (Sc1) in lake sediment.*

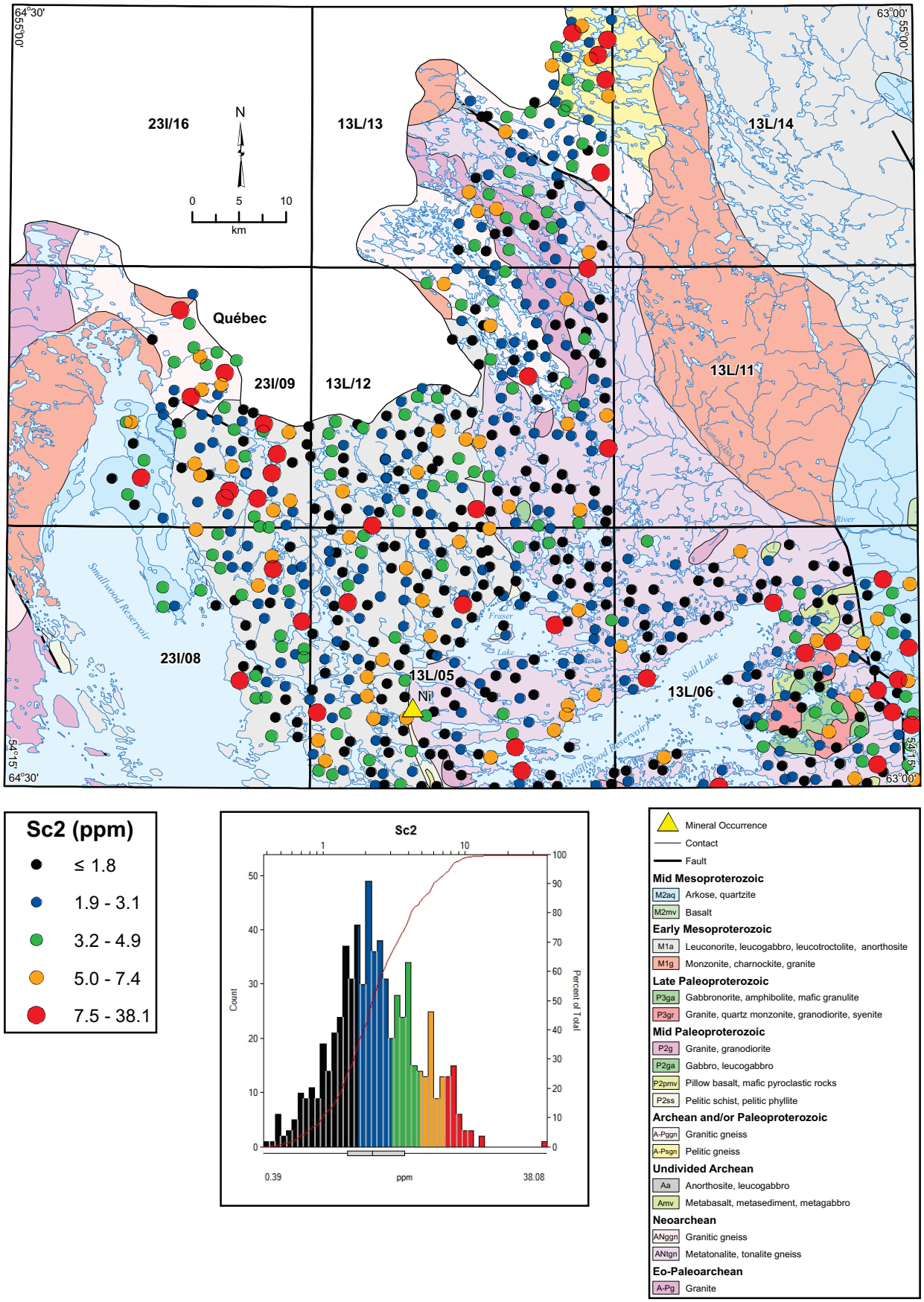



**Figure 69.** *Scandium (Sc2) in lake sediment.*

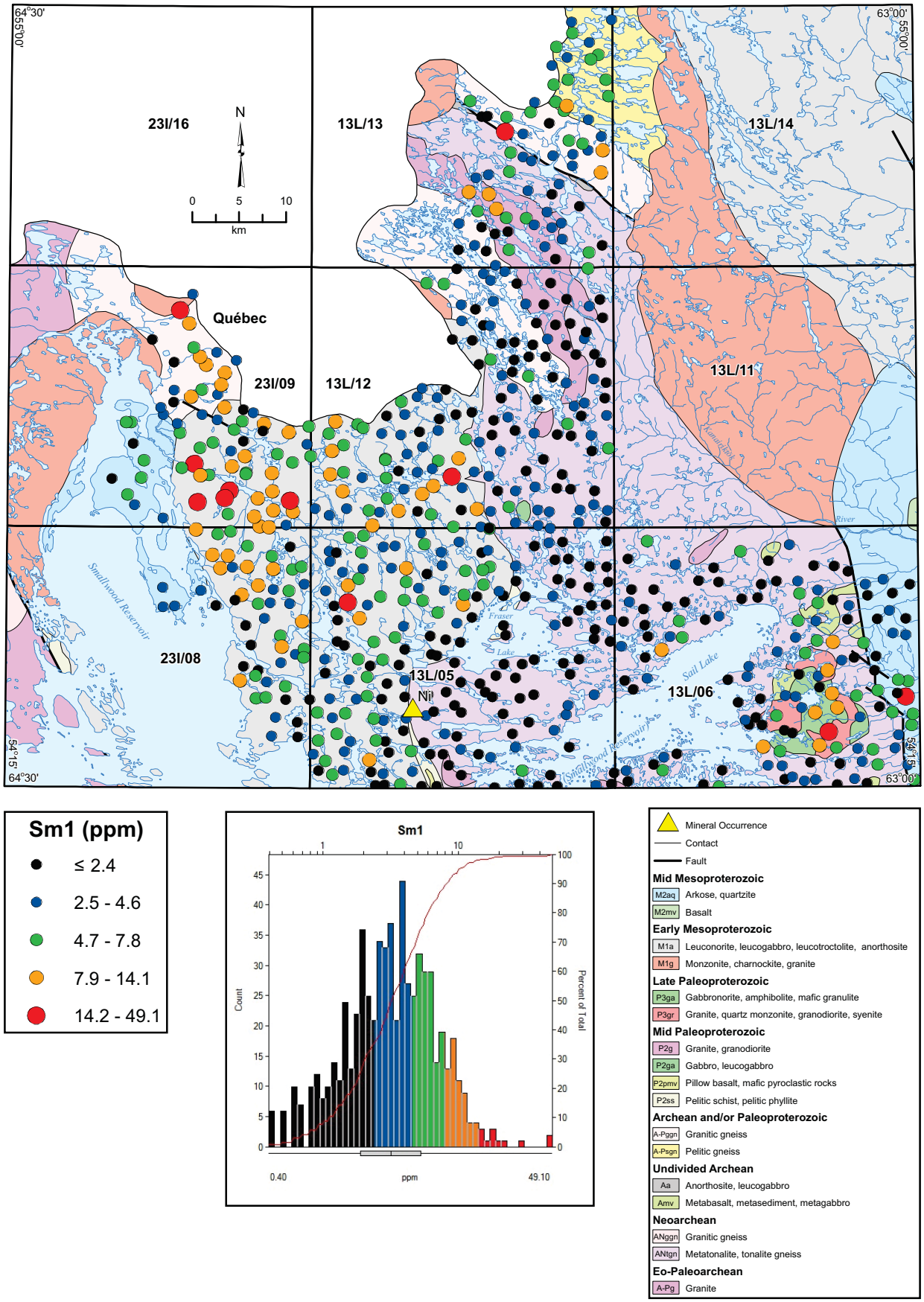



**Figure 70.** *Samarium (Sm1) in lake sediment.*

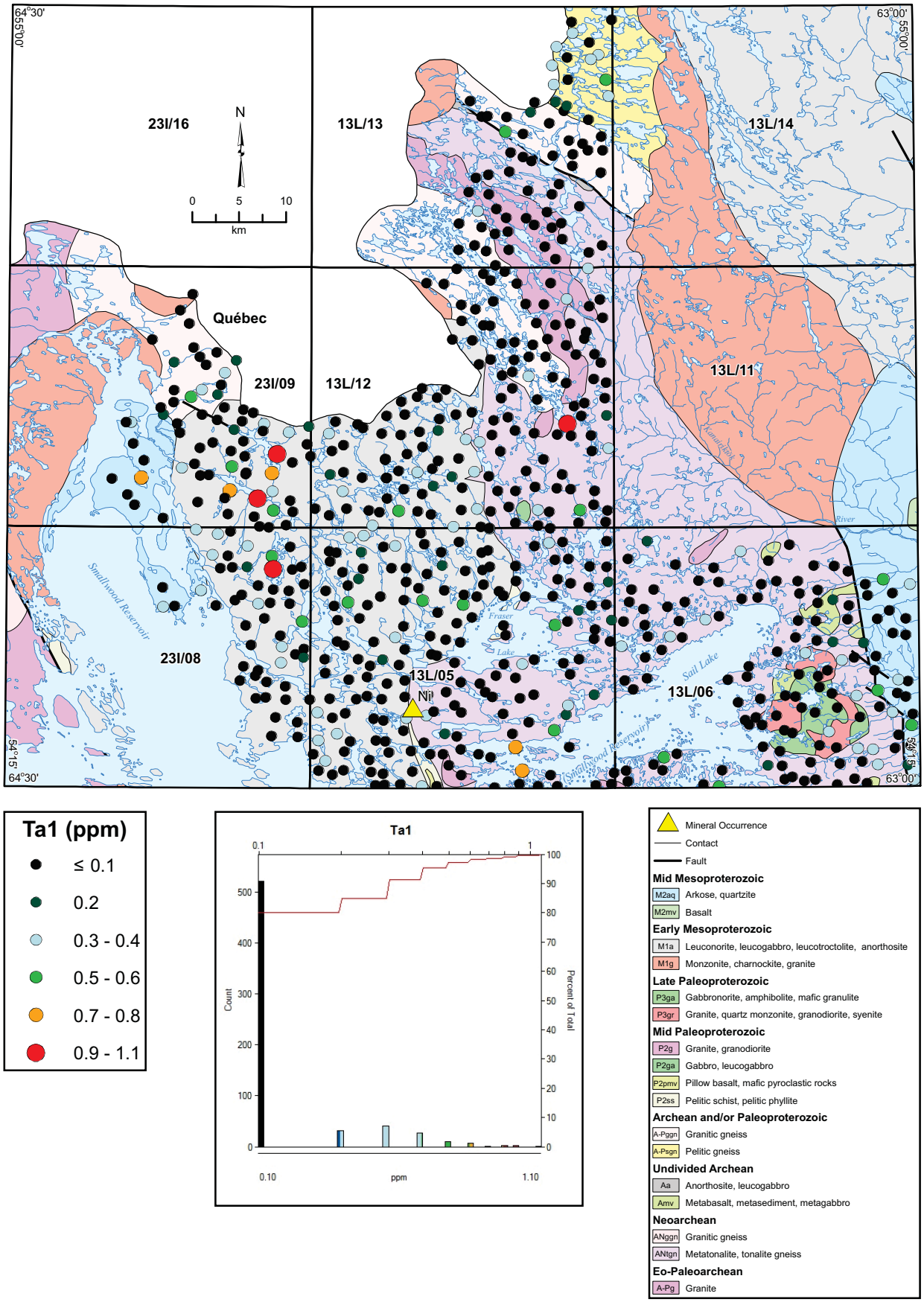



**Figure 71.** *Tantalum (Ta1) in lake sediment.*

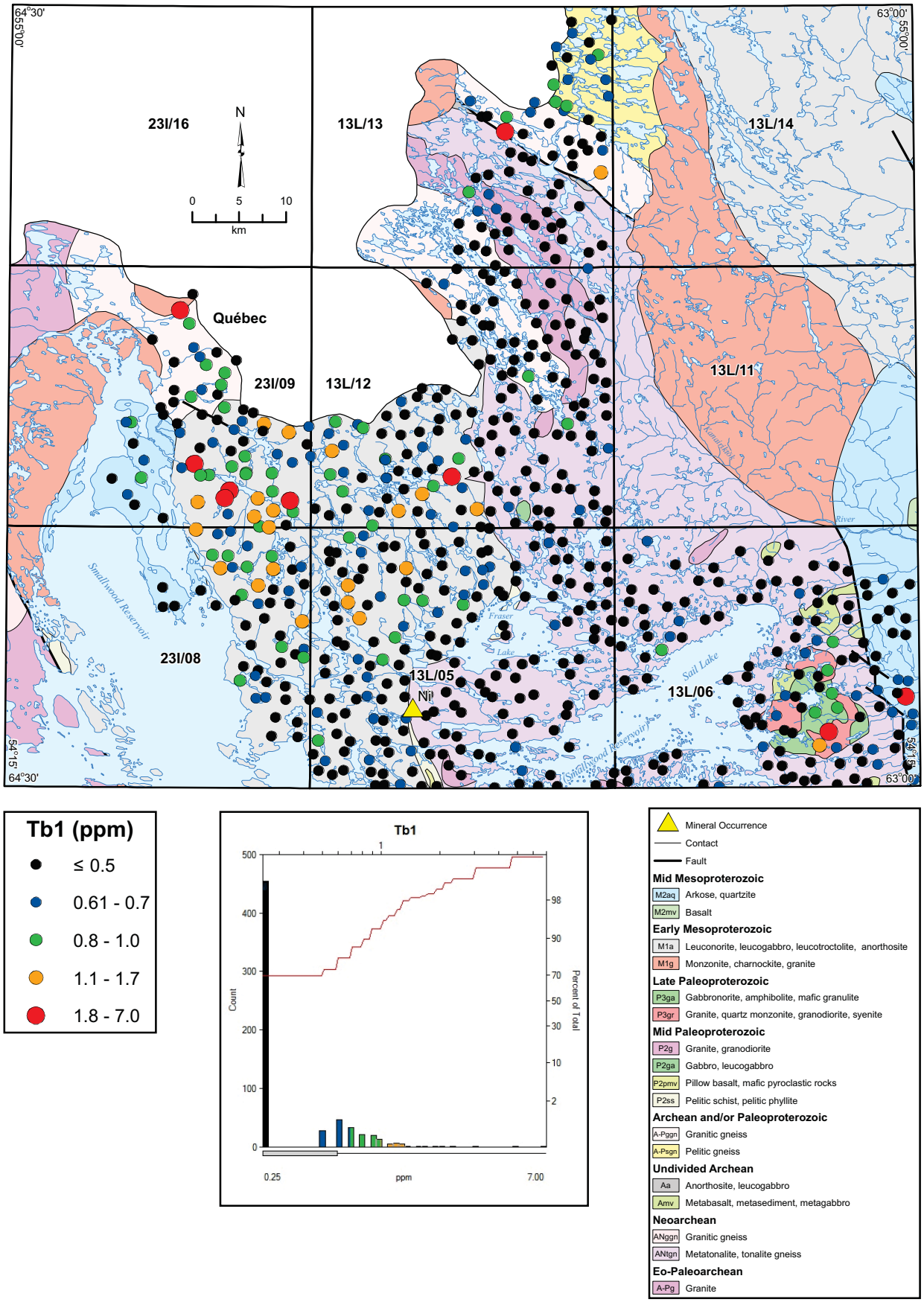



**Figure 72.** *Terbium (Tb1) in lake sediment.*

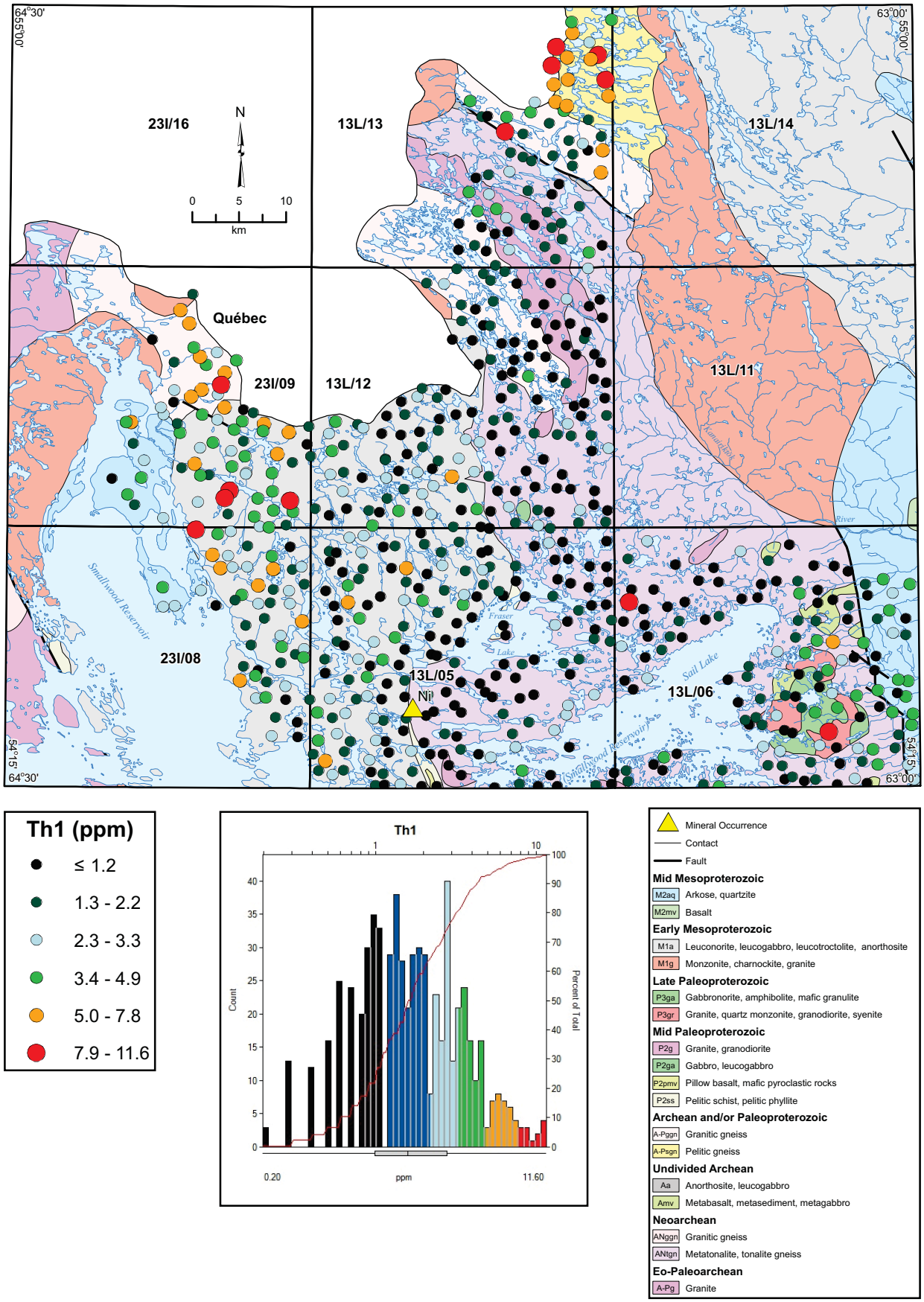
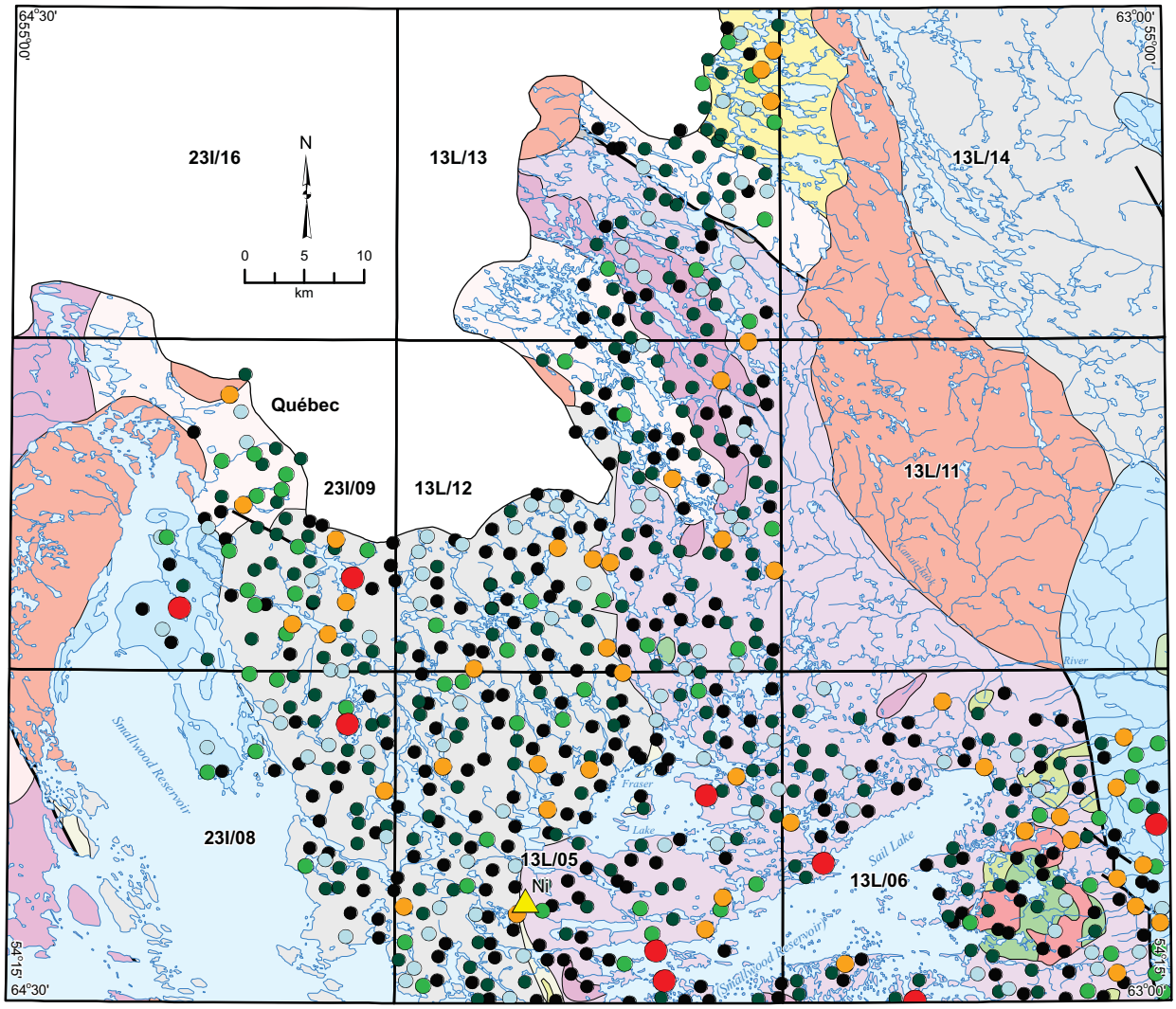
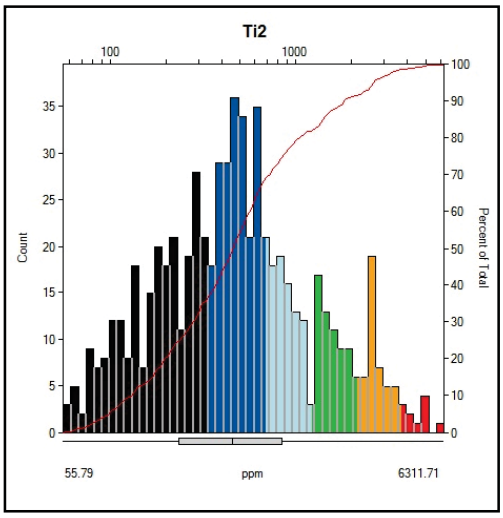



**Figure 73.** *Thorium (Th1) in lake sediment.*




**Ti2 (ppm)**

- ≤ 344
- 345 - 696
- 697 - 1231
- 1232 - 2170
- 2171 - 3735
- 3736 - 6312




- Mineral Occurrence
- Contact
- Fault

**Mid Mesoproterozoic**
- M2aq Arkose, quartzite
- M2mv Basalt

**Early Mesoproterozoic**
- M1a Leuconorite, leucogabbro, leucotroctolite, anorthosite
- M1g Monzonite, charnockite, granite

**Late Paleoproterozoic**
- P3ga Gabbronorite, amphibolite, mafic granulite
- P3gr Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2pmv Pillow basalt, mafic pyroclastic rocks
- P2ss Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**
- A-Pggn Granitic gneiss
- A-Psgn Pelitic gneiss

**Undivided Archean**
- Aa Anorthosite, leucogabbro
- Amv Metabasalt, metasediment, metagabbro

**Neoarchean**
- ANggn Granitic gneiss
- ANtgn Metatonalite, tonalite gneiss

**Eo-Paleoarchean**
- A-Pg Granite

**Figure 74.** *Titanium (Ti2) in lake sediment.*

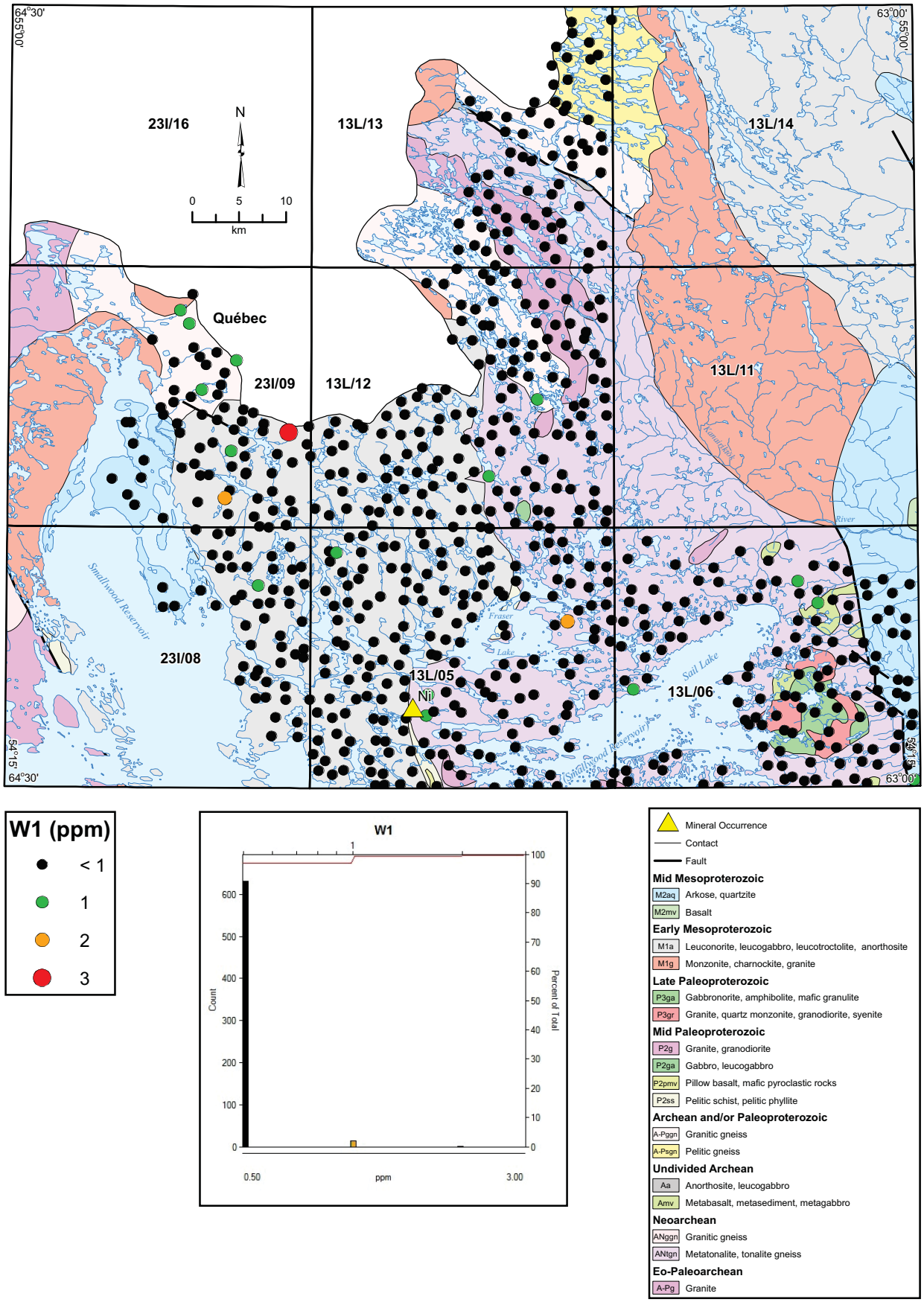



**Figure 75.** *Tungsten (W1) in lake sediment.*

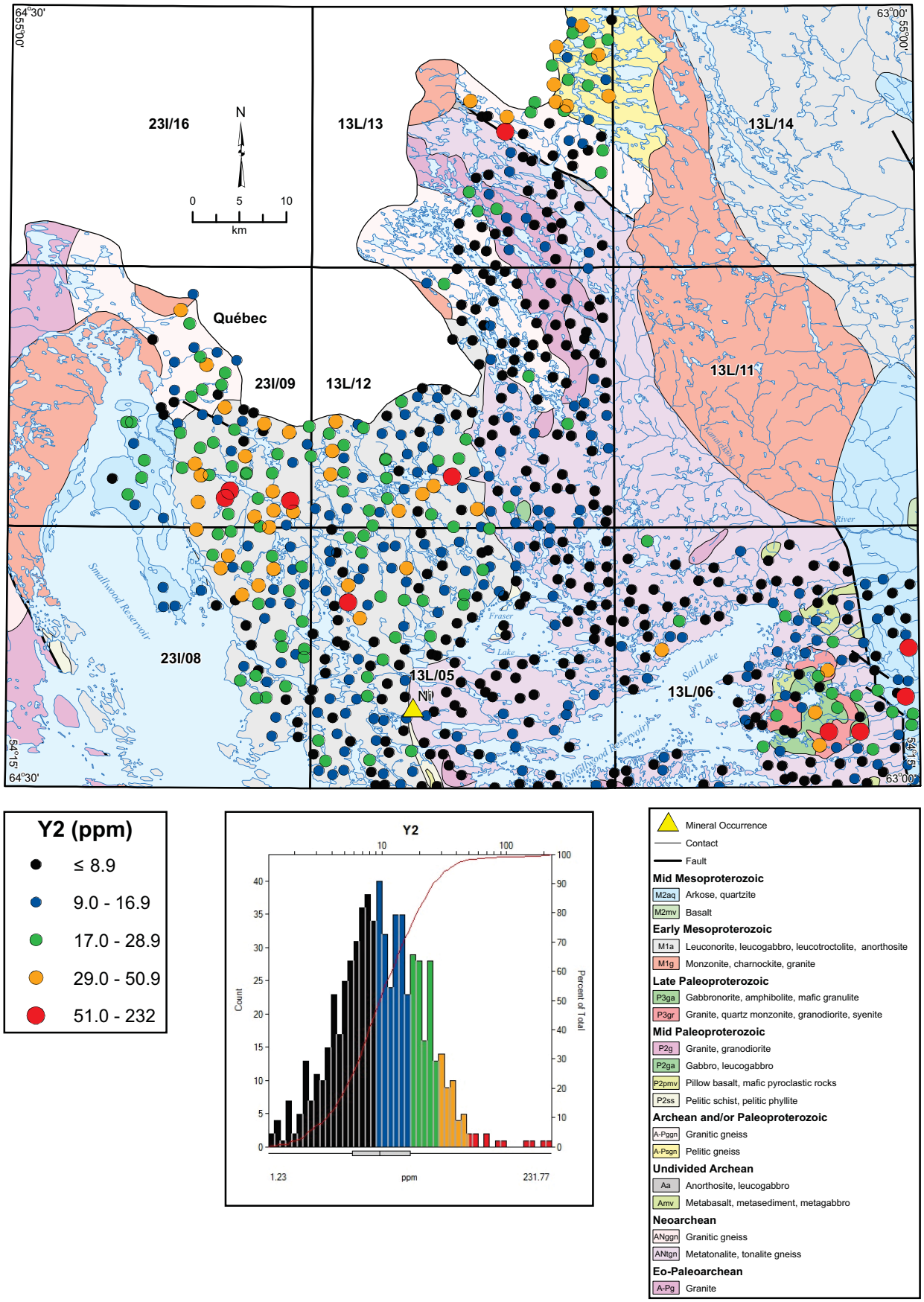



**Figure 76.** *Yttrium (Y2) in lake sediment.*

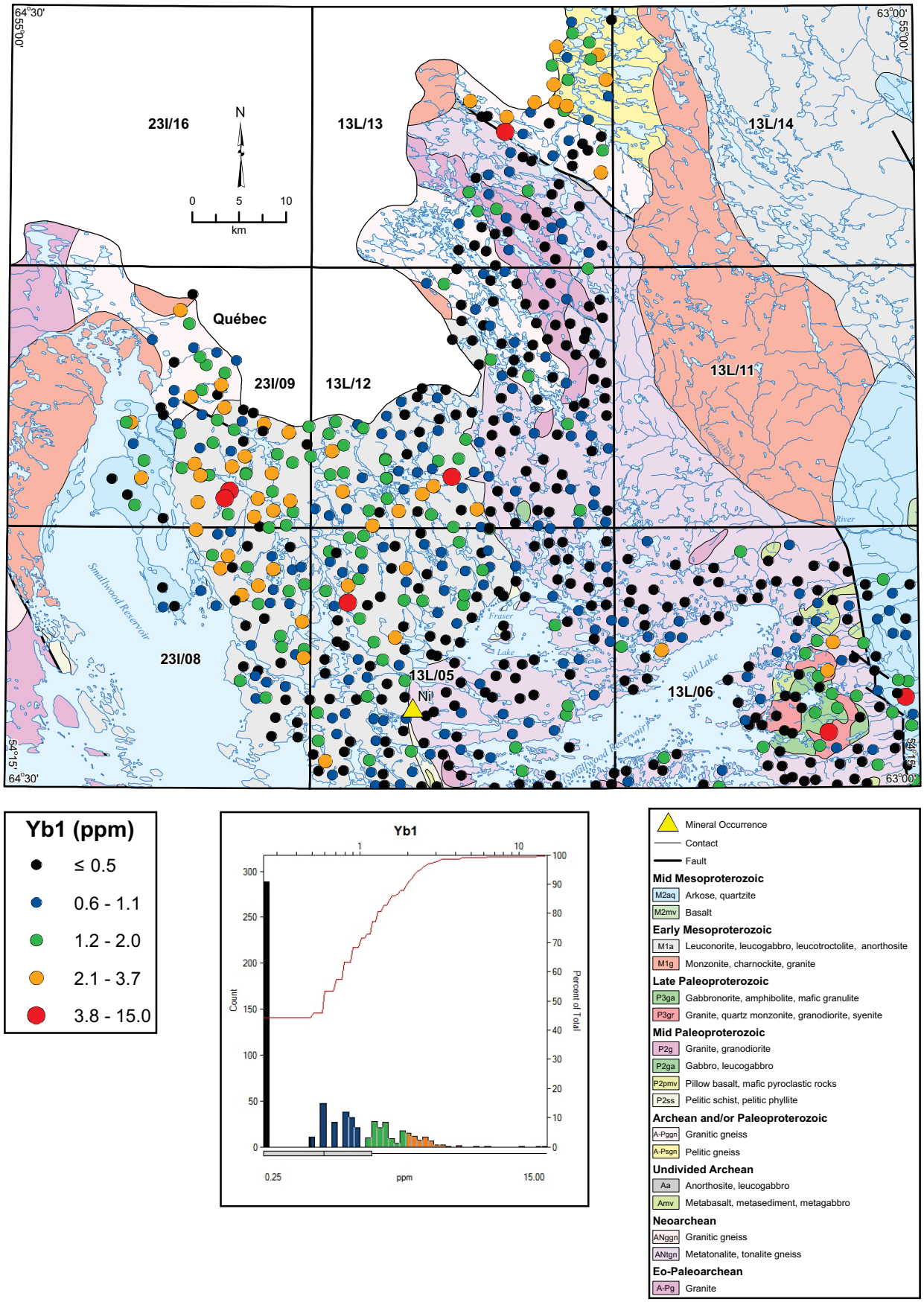
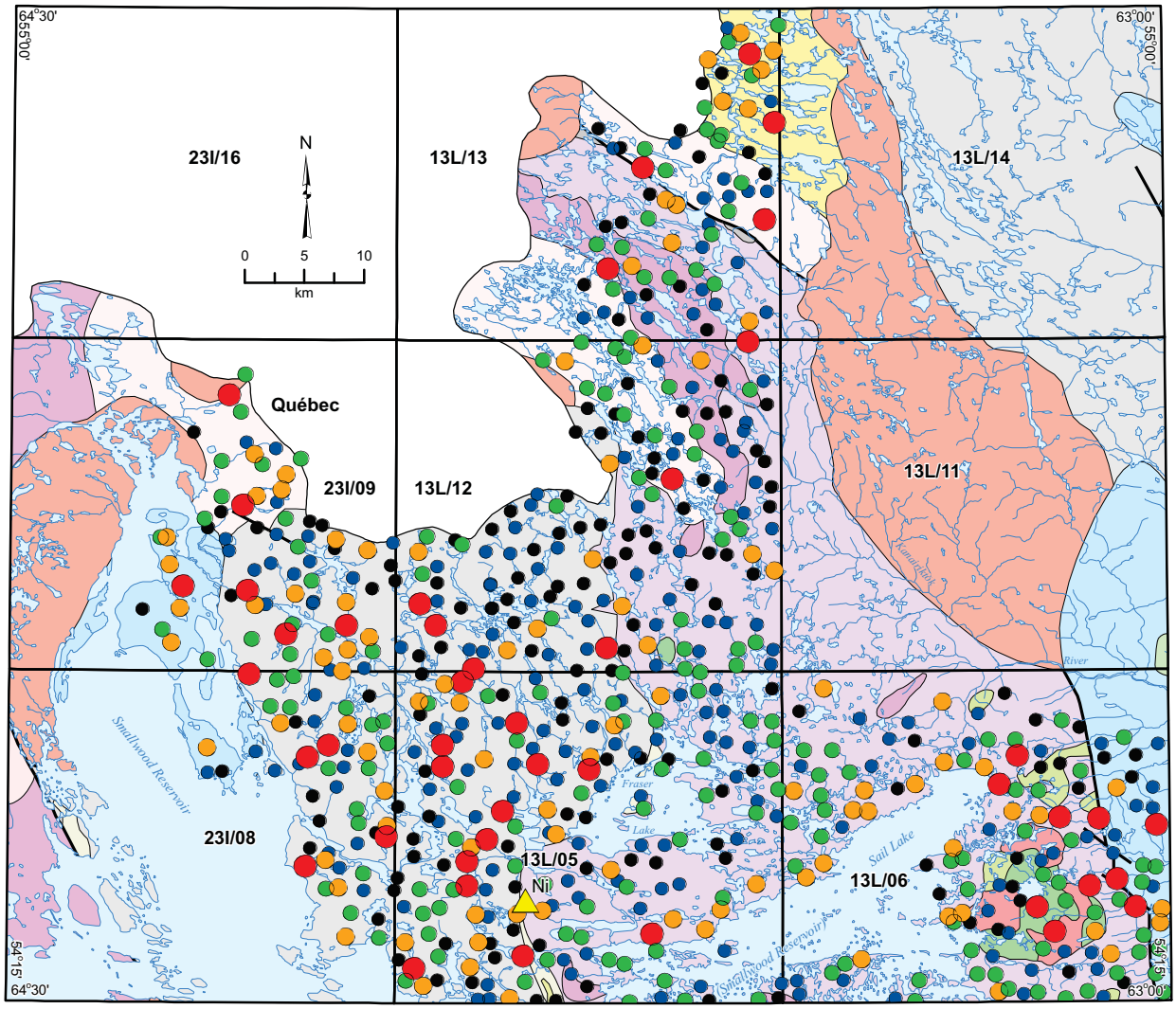
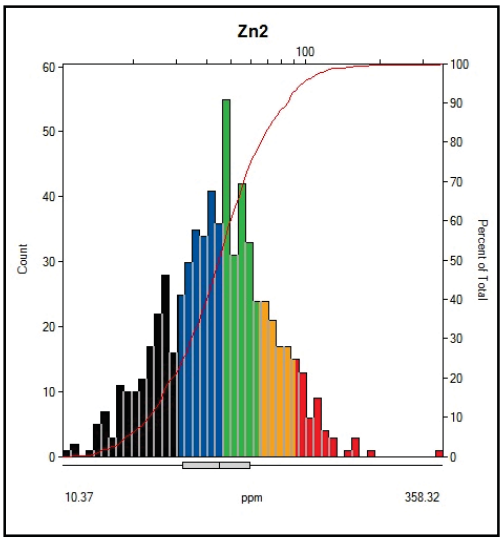



**Figure 77.** *Ytterbium (Yb1) in lake sediment.*




**Zn2 (ppm)**

- ≤ 30.6
- 30.7 - 45.8
- 45.9 - 64.7
- 64.8 - 90.7
- 90.8 - 358




- Mineral Occurrence
- Contact
- Fault

**Mid Mesoproterozoic**
- M2aq Arkose, quartzite
- M2mv Basalt

**Early Mesoproterozoic**
- M1a Leuconorite, leucogabbro, leucotroctolite, anorthosite
- M1g Monzonite, charnockite, granite

**Late Paleoproterozoic**
- P3ga Gabbronorite, amphibolite, mafic granulite
- P3gr Granite, quartz monzonite, granodiorite, syenite

**Mid Paleoproterozoic**
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2pmv Pillow basalt, mafic pyroclastic rocks
- P2ss Pelitic schist, pelitic phyllite

**Archean and/or Paleoproterozoic**
- A-Pggn Granitic gneiss
- A-Psgn Pelitic gneiss

**Undivided Archean**
- Aa Anorthosite, leucogabbro
- Amv Metabasalt, metasediment, metagabbro

**Neoarchean**
- ANggn Granitic gneiss
- ANtgn Metatonalite, tonalite gneiss

**Eo-Paleoarchean**
- A-Pg Granite

**Figure 78.** *Zinc (Zn2) in lake sediment.*

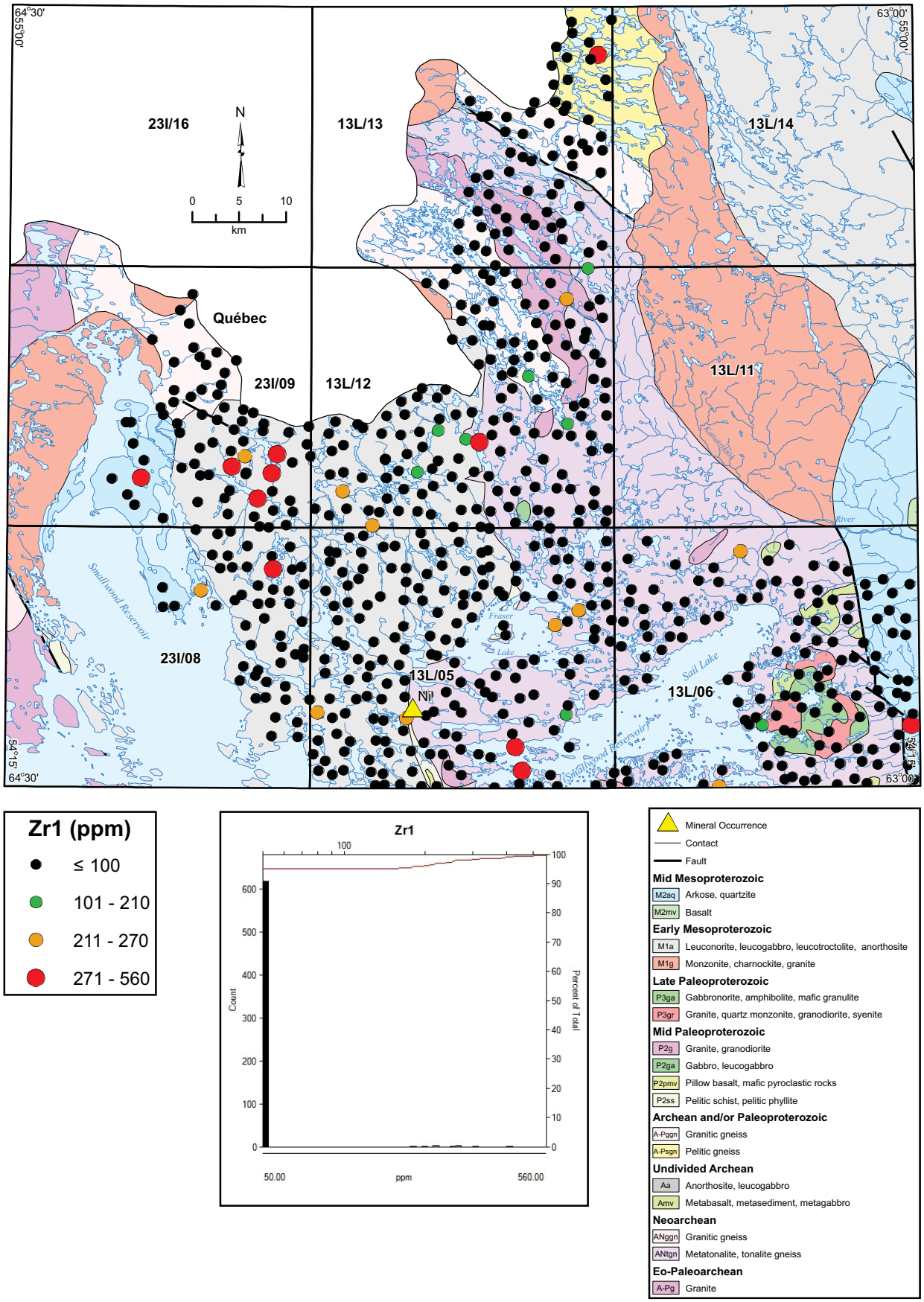



**Figure 79.** *Zirconium (Zr1) in lake sediment.*

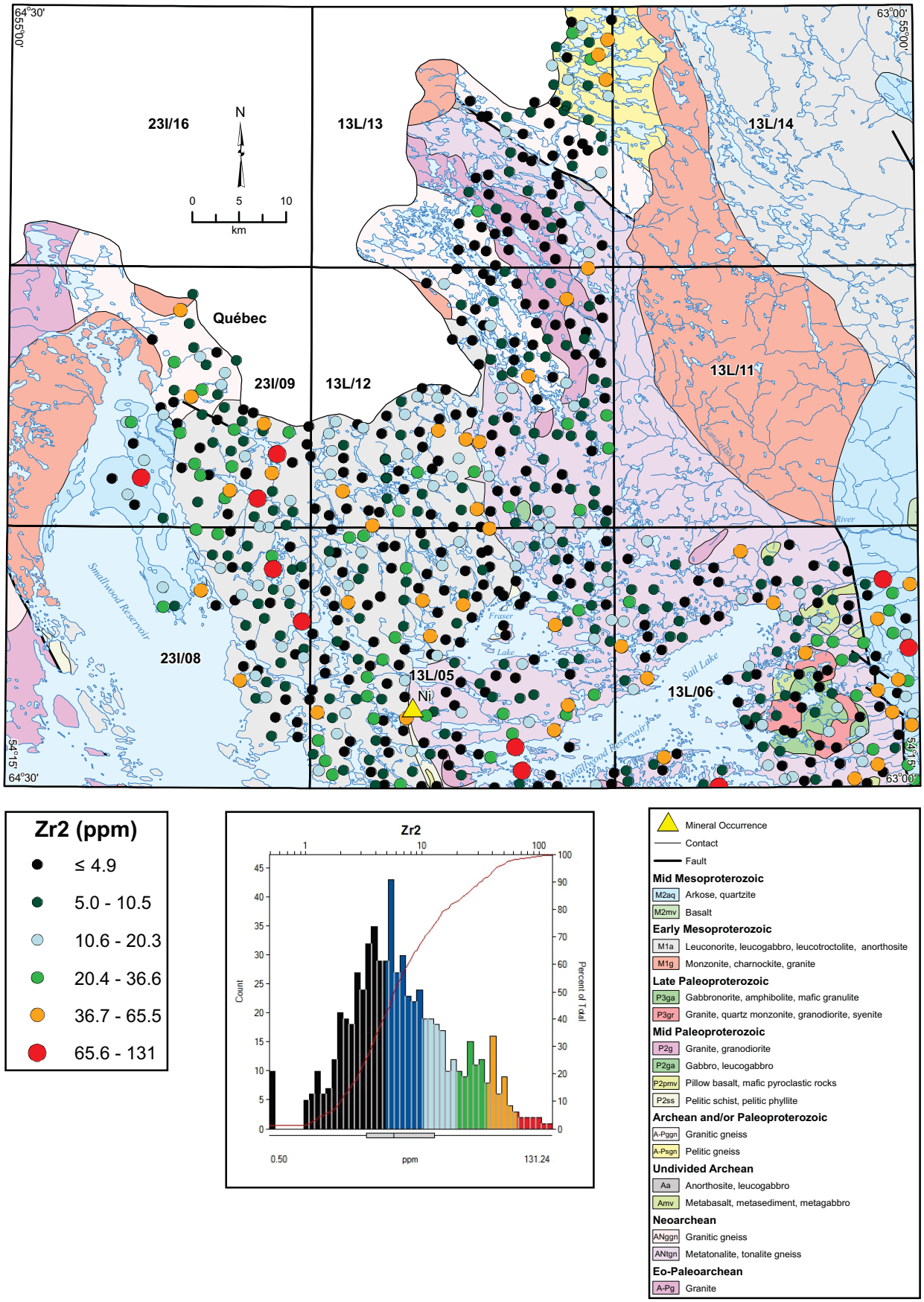



**Figure 80.** *Zirconium (Zr2) in lake sediment.*

## Appendix 3 – Figures 81-98
## Symbol Plots of Element Distributions of Water Data for the Fraser Lake Area


Figure 81. Barium (Baw2) in lake water ..... 191
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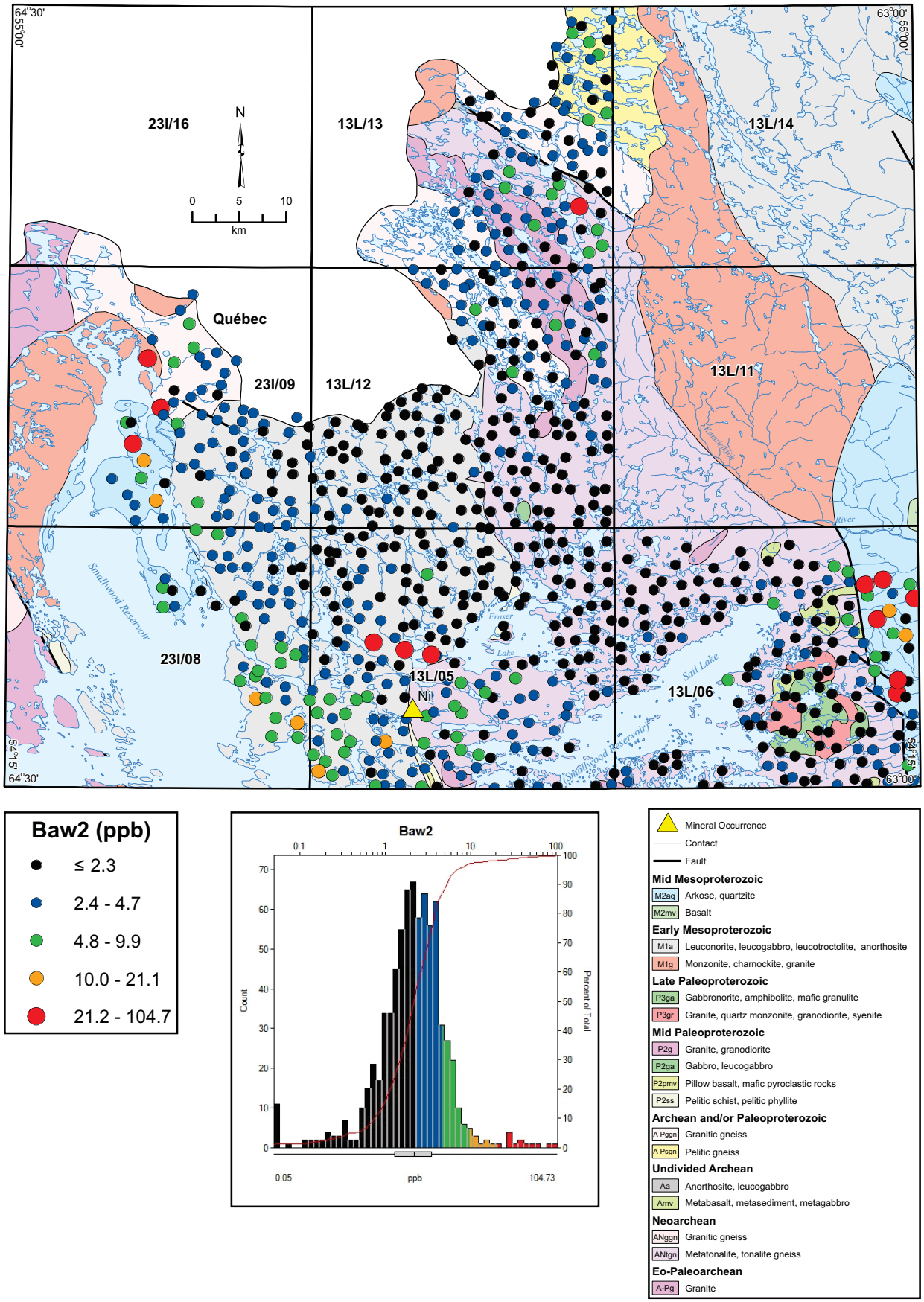


**Figure 81.** *Barium (Baw2) in lake water.*

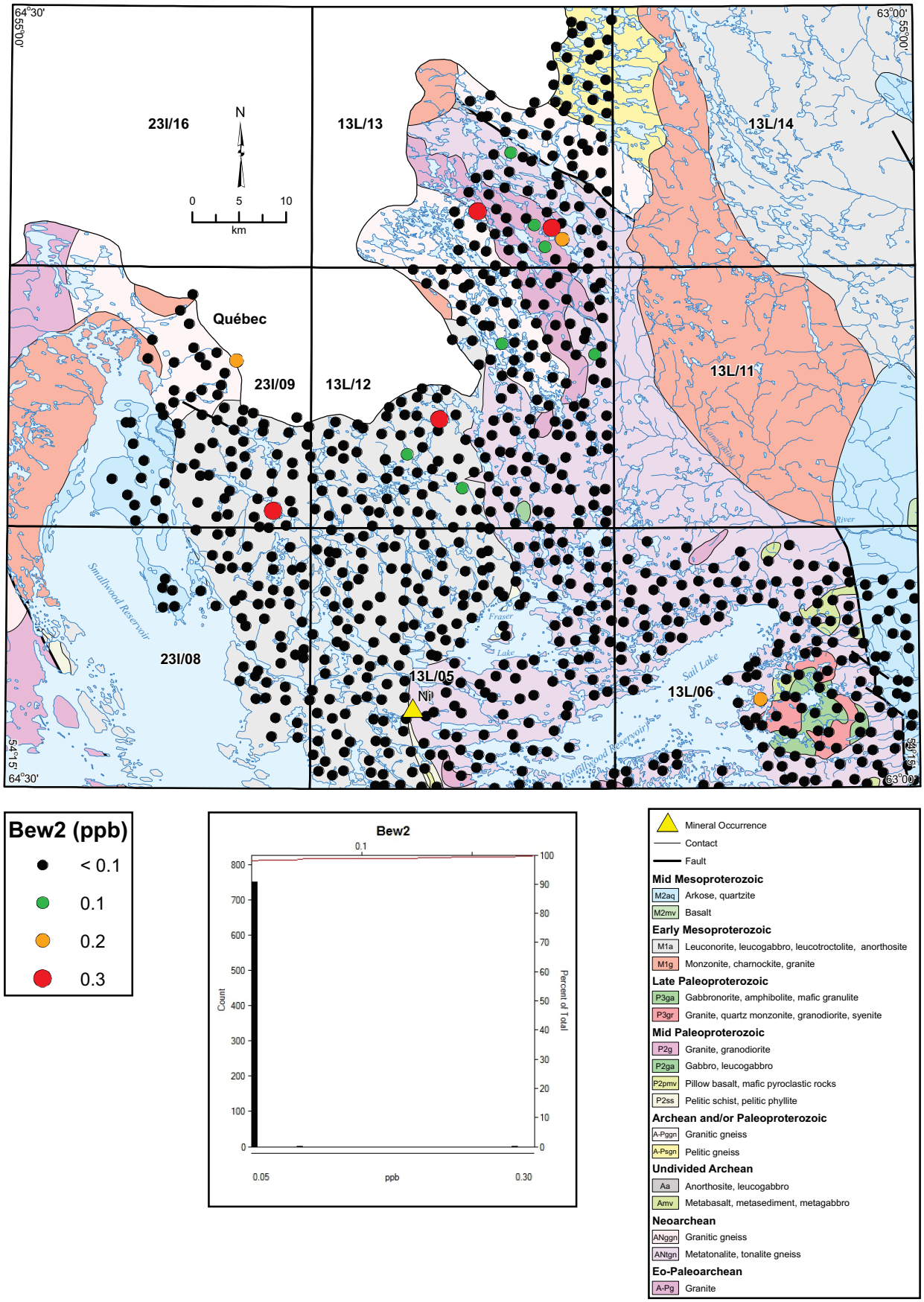


**Figure 82.** *Beryllium (Bew2) in lake water.*

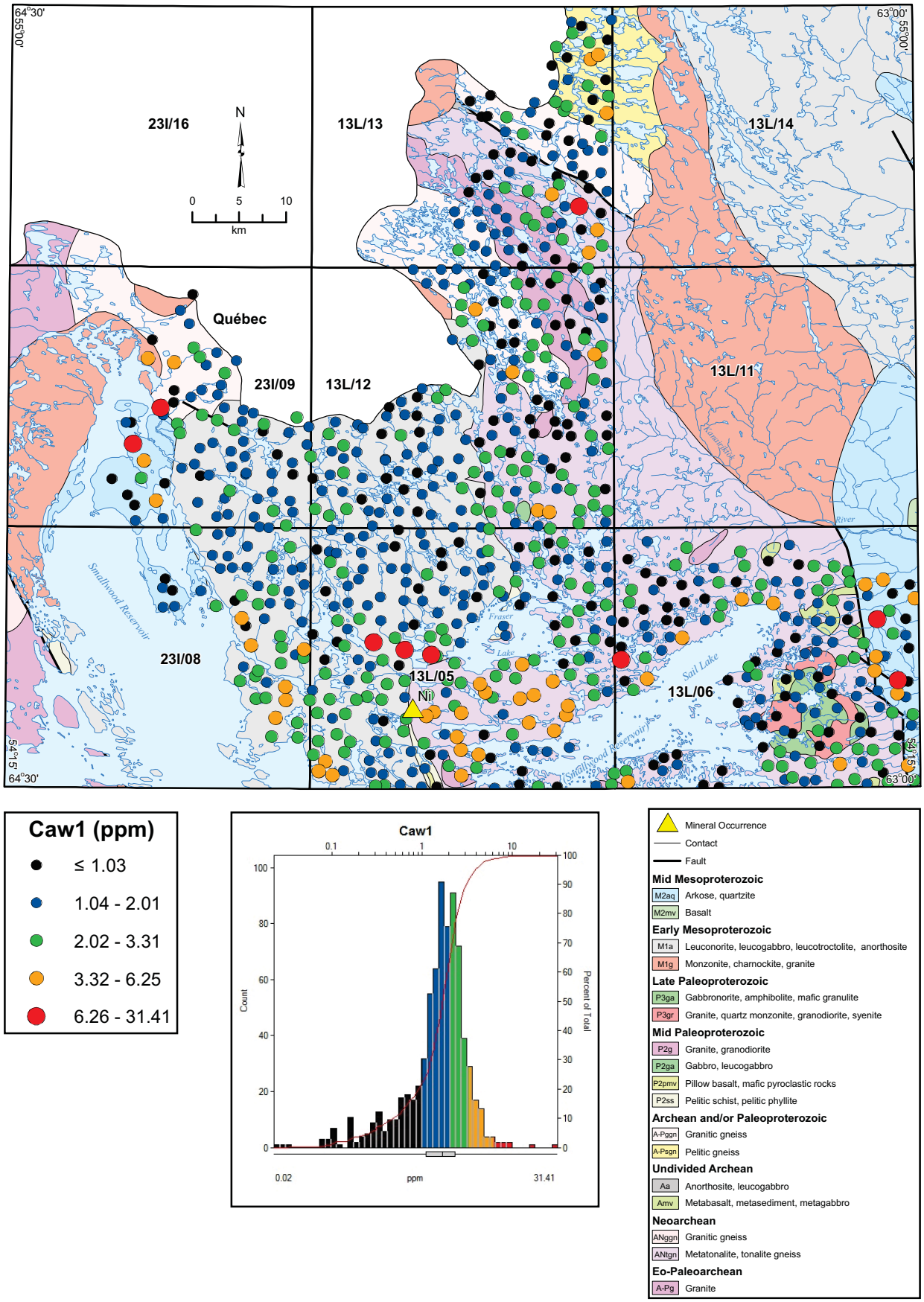


**Figure 83.** *Calcium (Caw1) in lake water.*

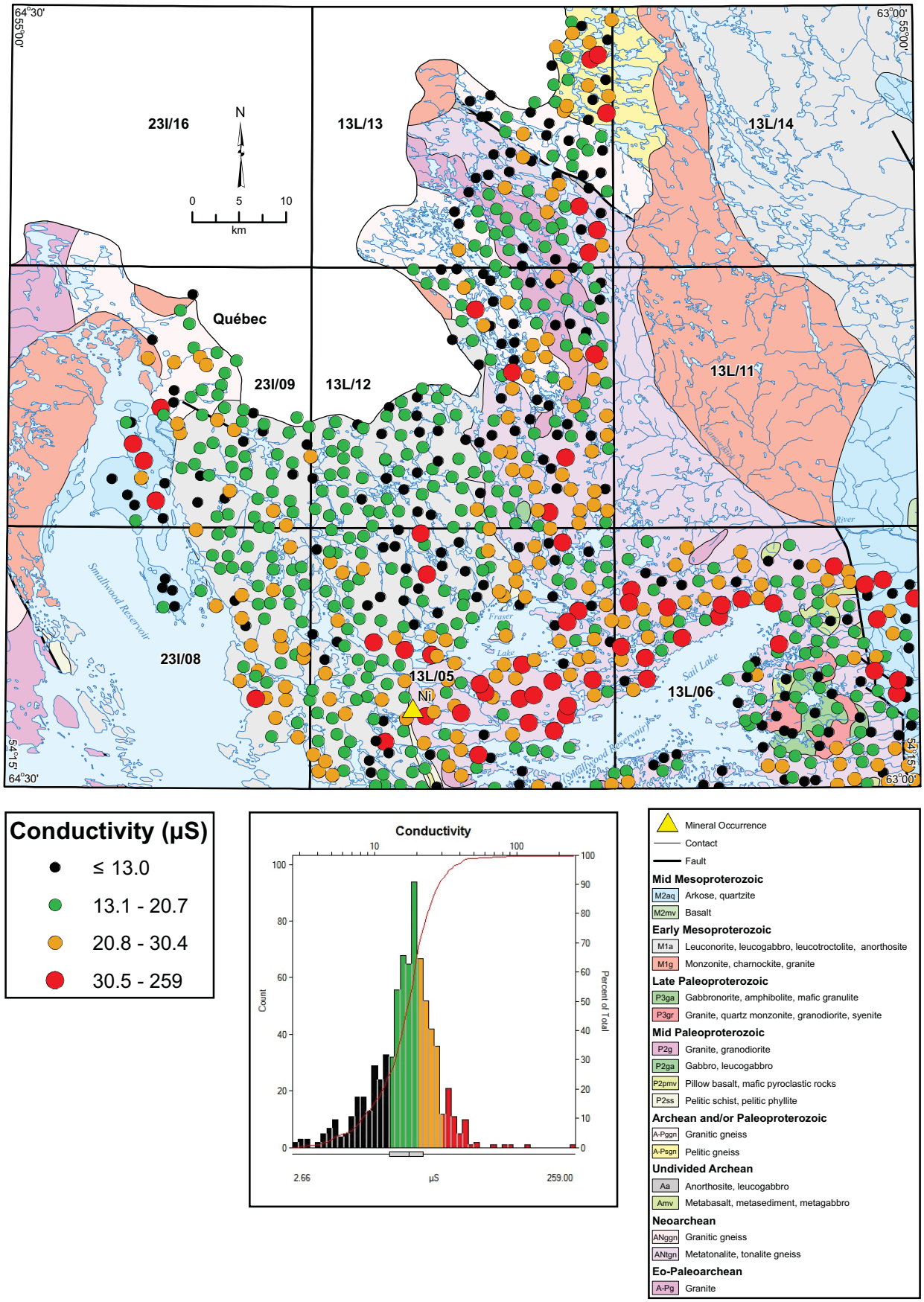


**Figure 84.** *Conductivity (Cond) in lake water.*

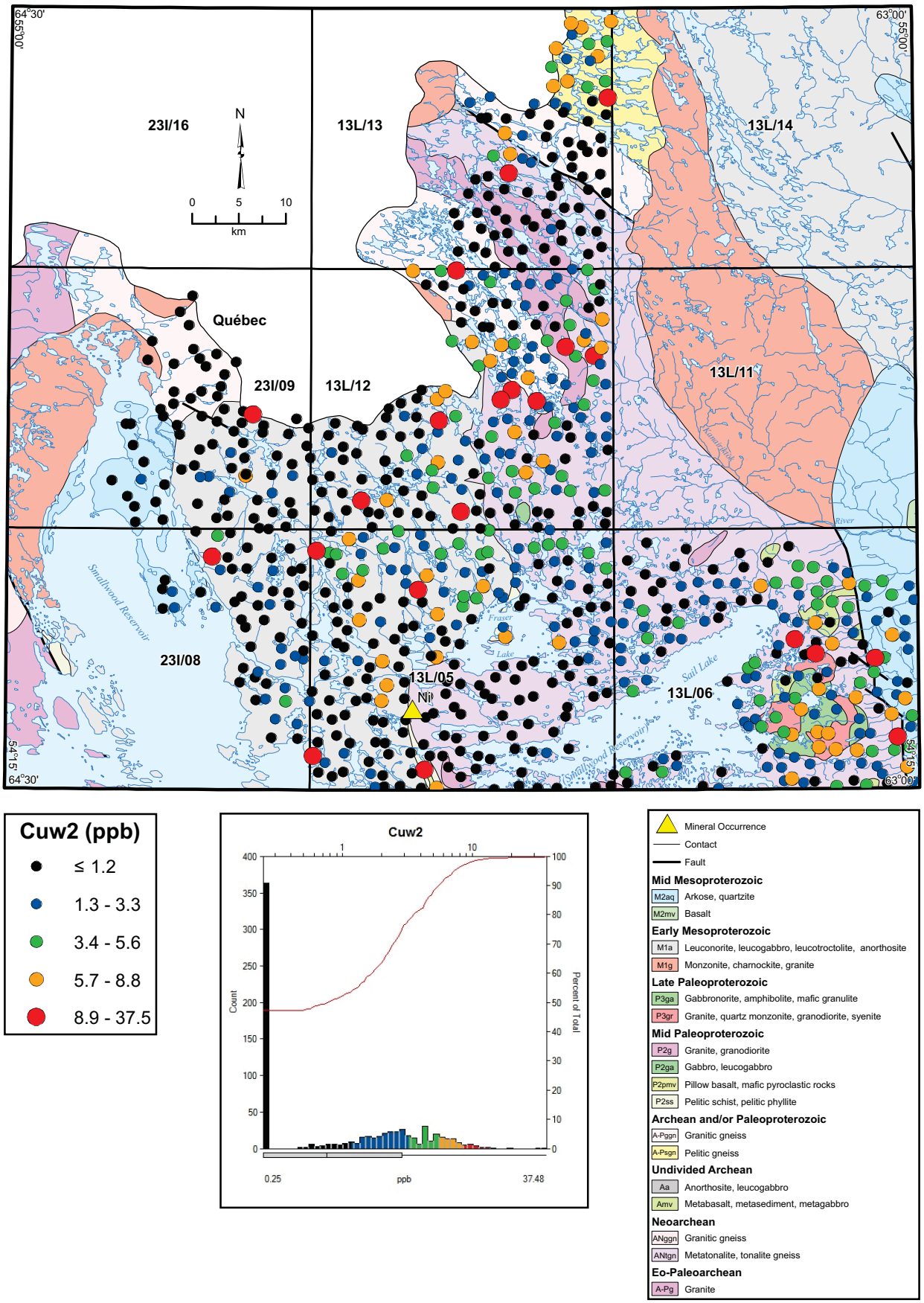


**Figure 85.** *Copper (Cuw2) in lake water.*

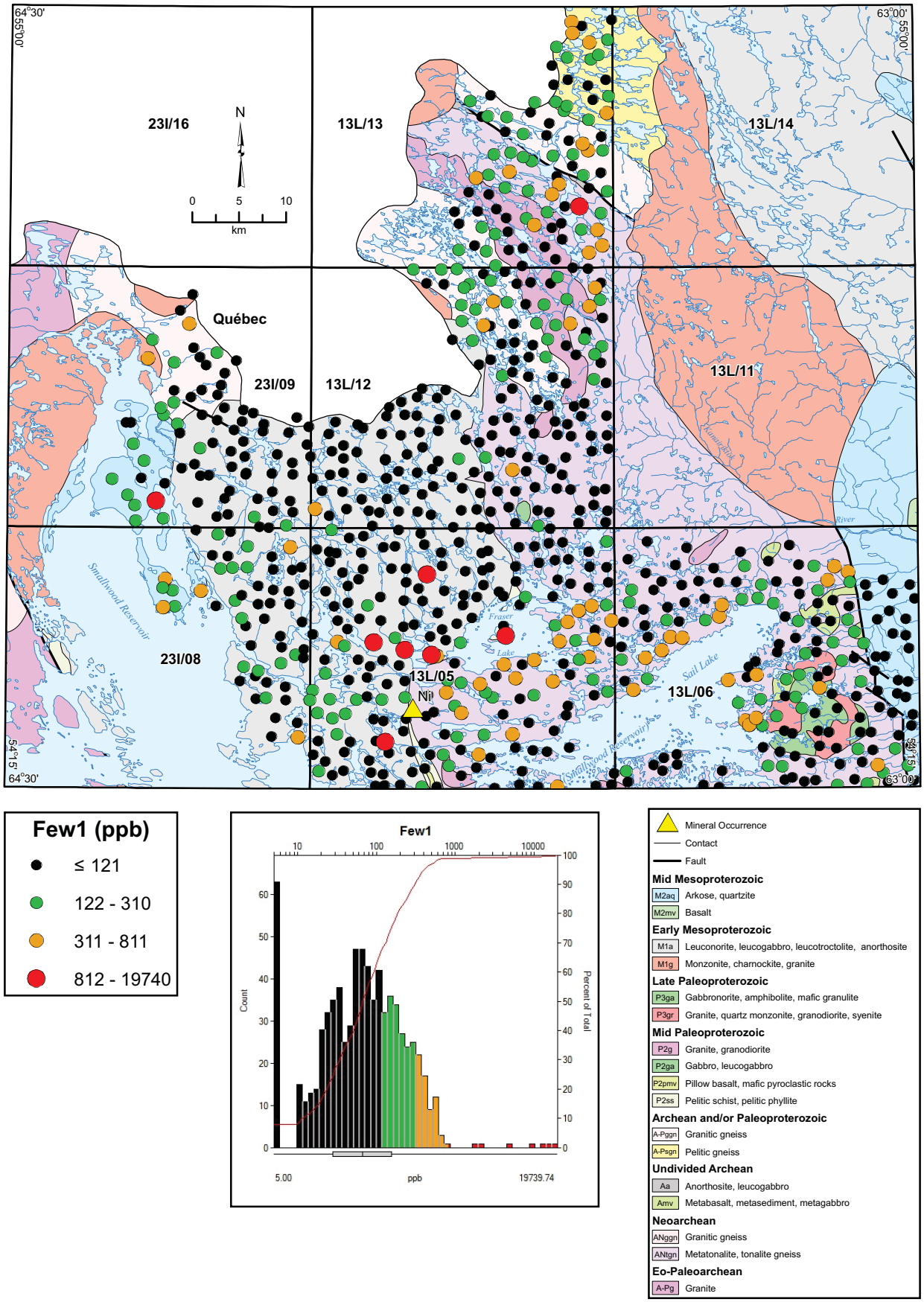


**Figure 86.** *Iron (Few1) in lake water.*

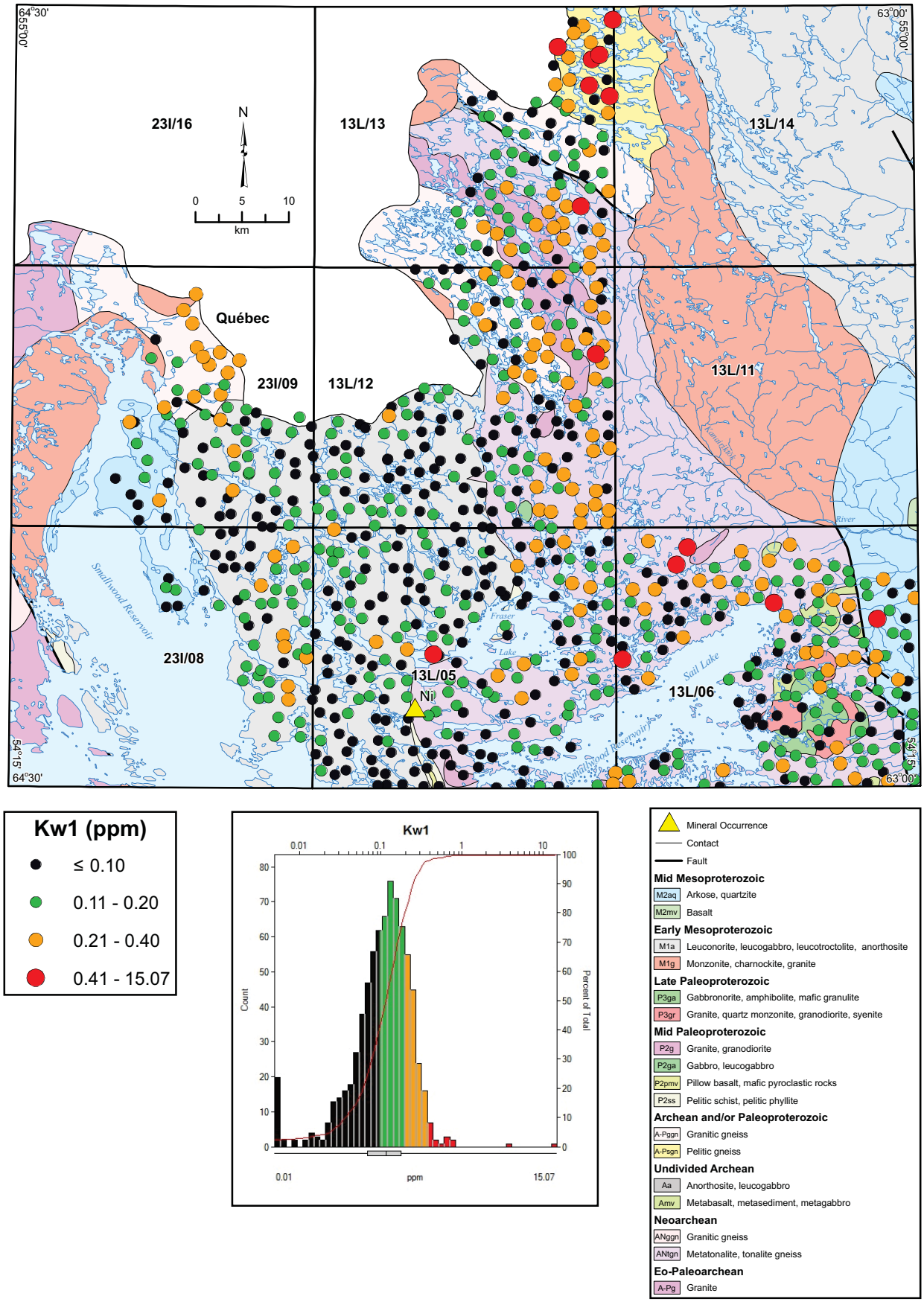


**Figure 87.** *Potassium (Kw1) in lake water.*

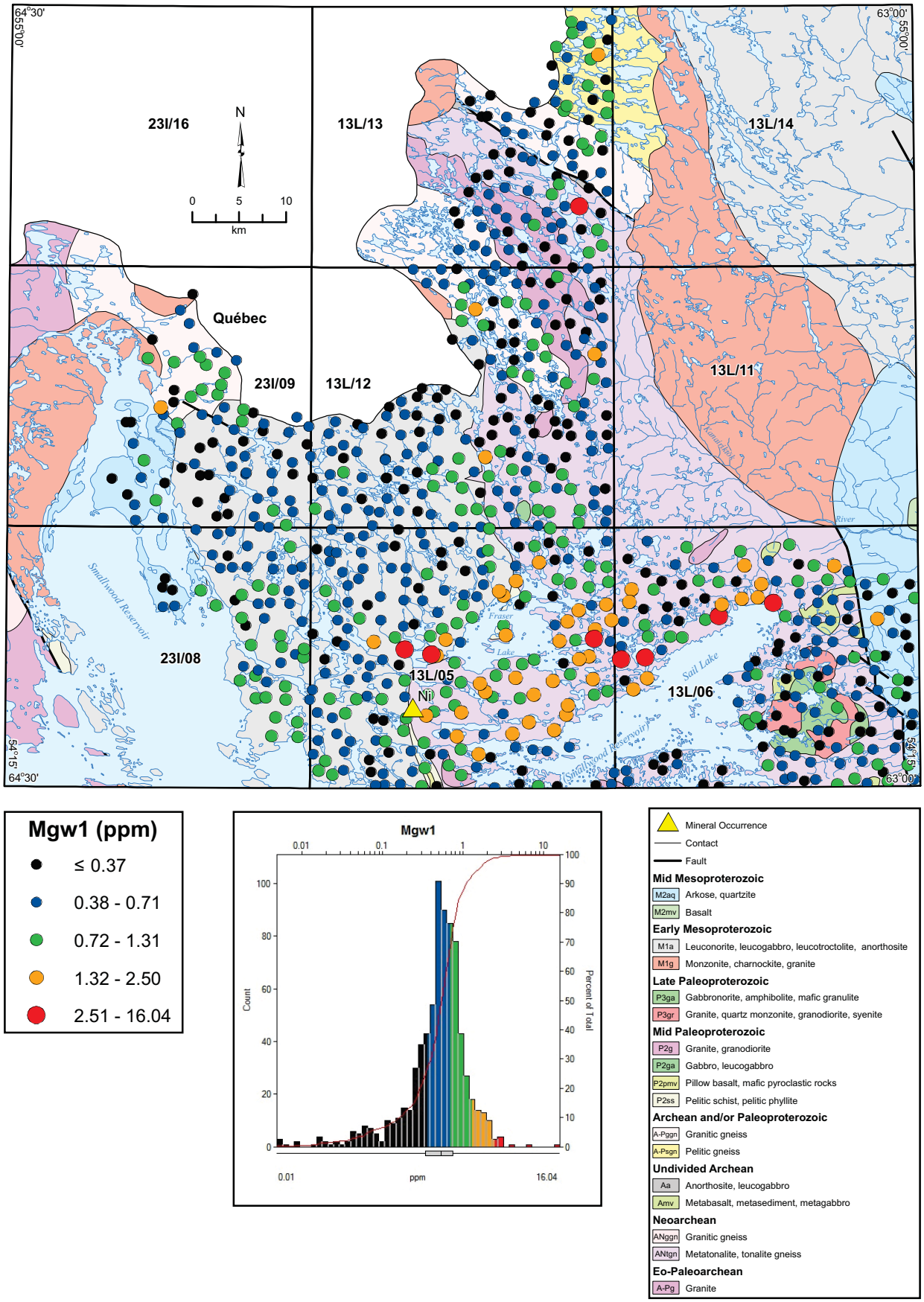


**Figure 88.** *Magnesium (Mgw1) in lake water.*

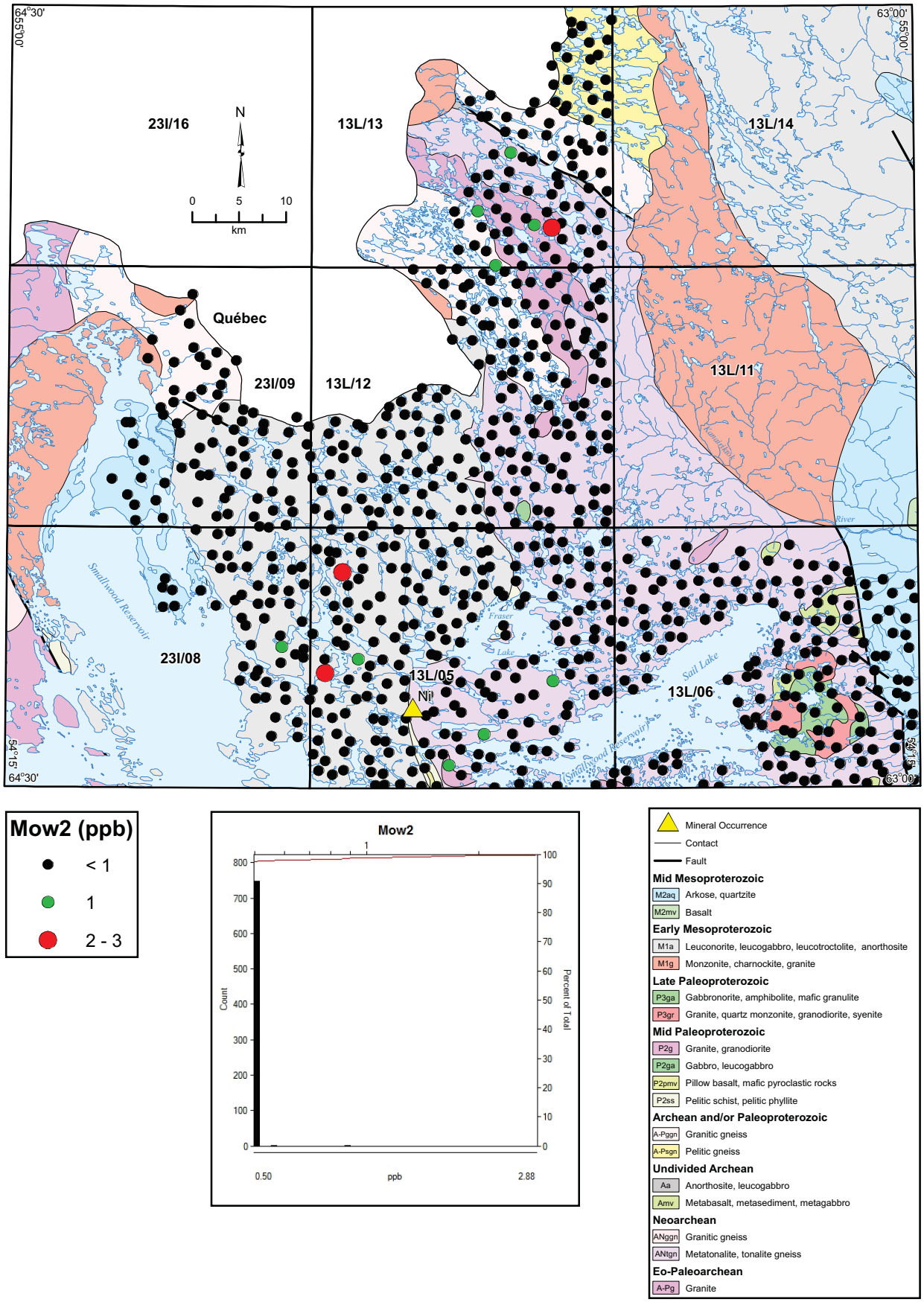


**Figure 89.** *Molybdenum (Mow2) in lake water.*

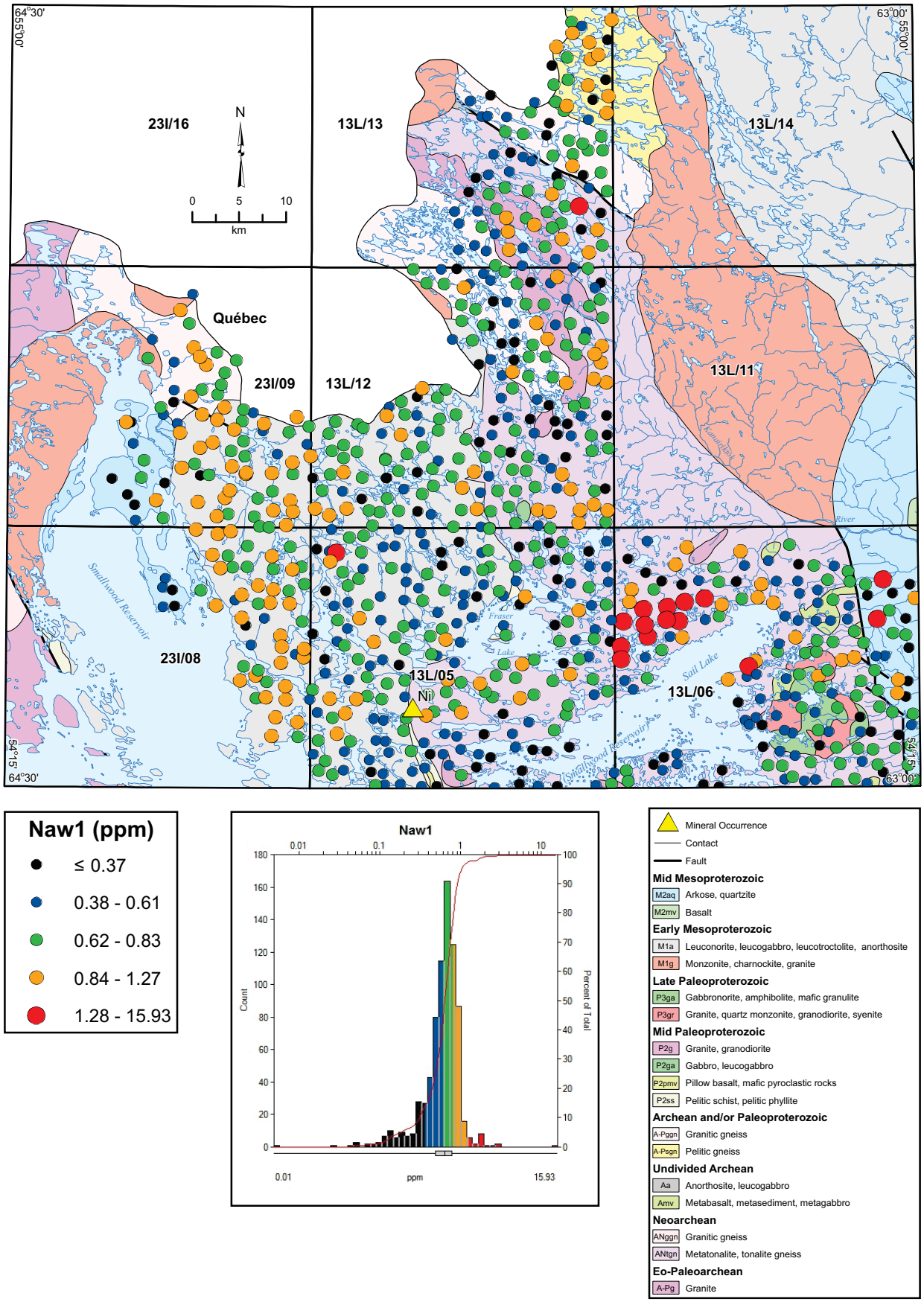


**Figure 90.** *Sodium (Naw1) in lake water.*

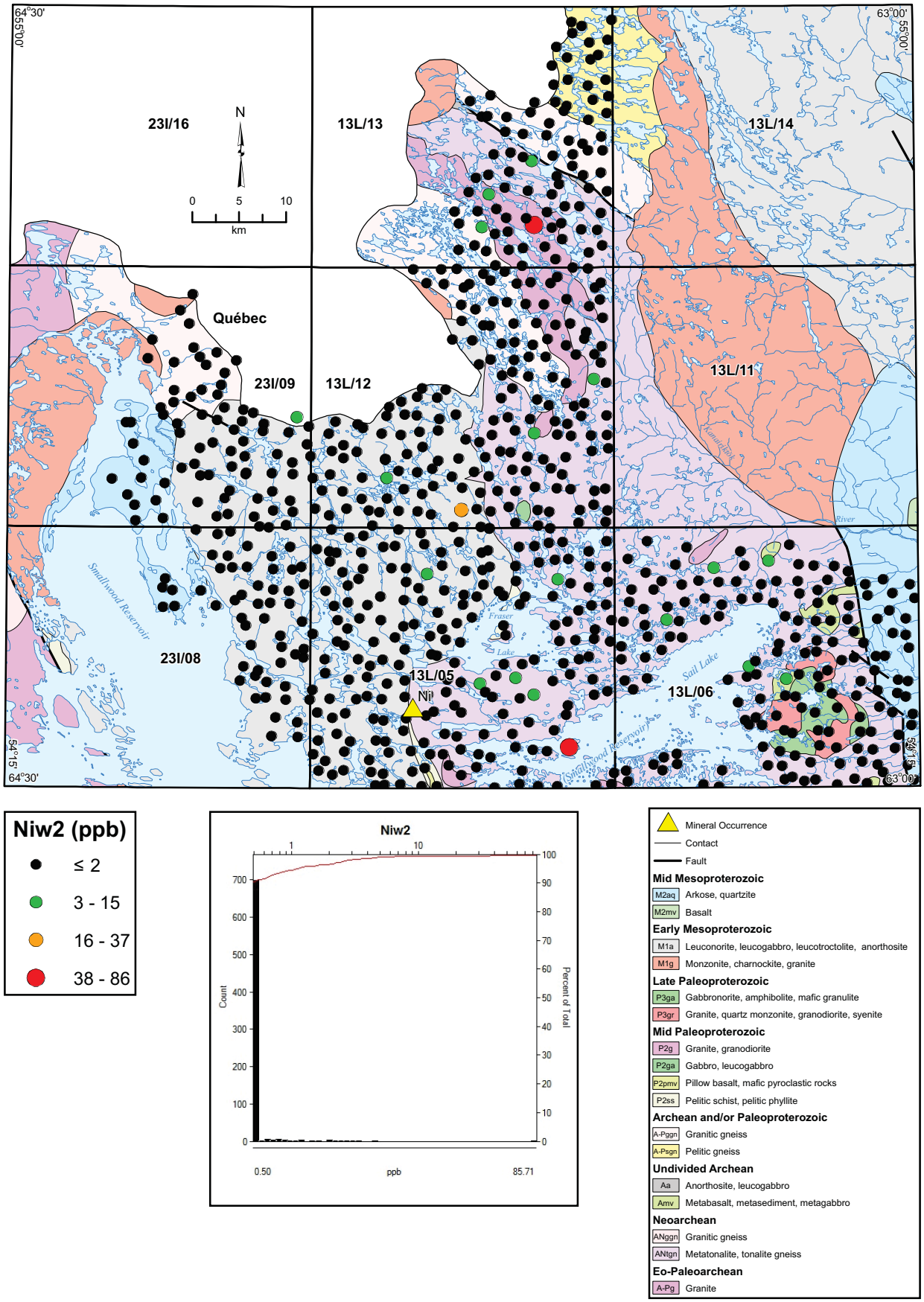


**Figure 91.** *Nickel (Niw2) in lake water.*

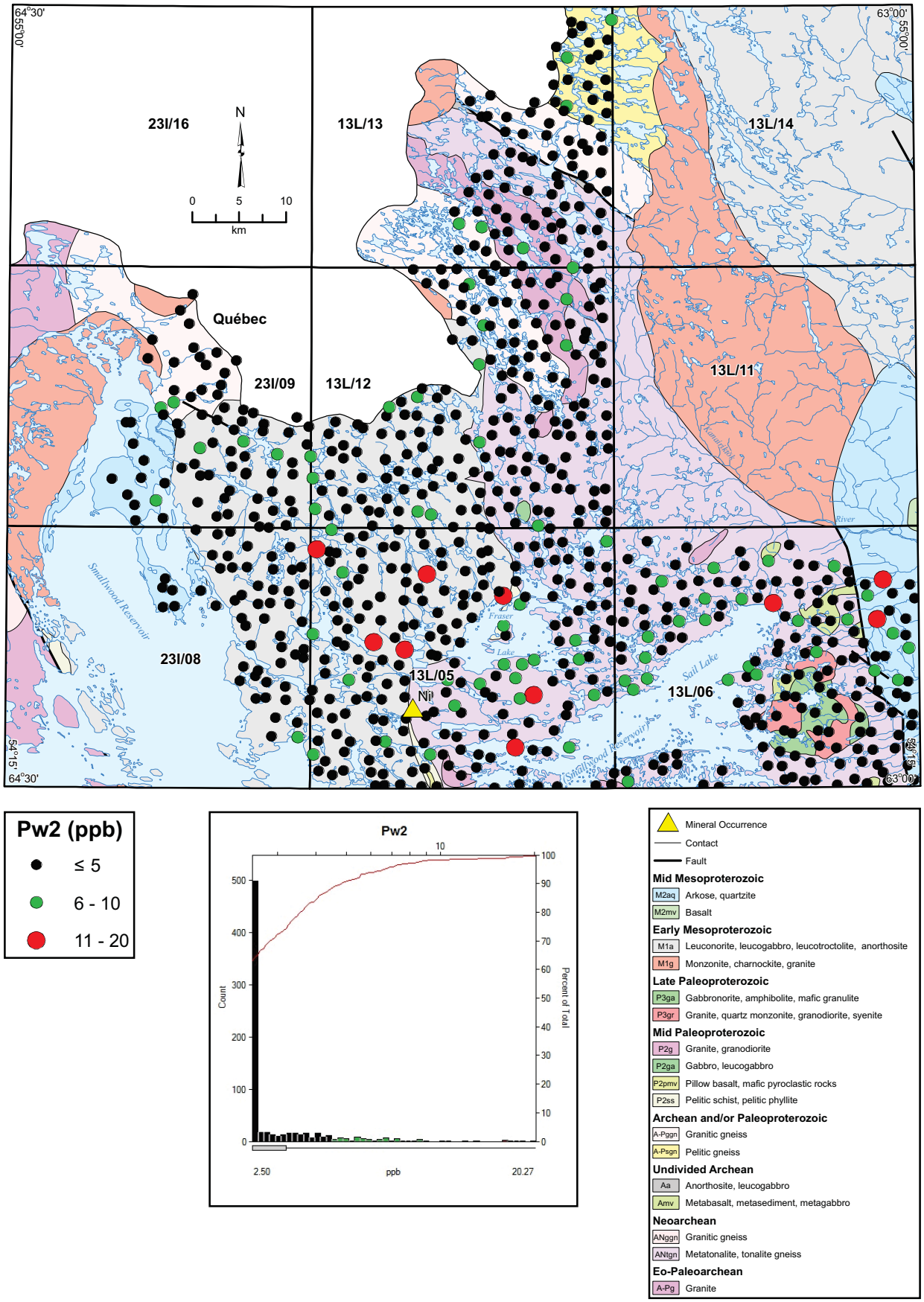


**Figure 92.** *Phosphorus (Pw2) in lake water.*

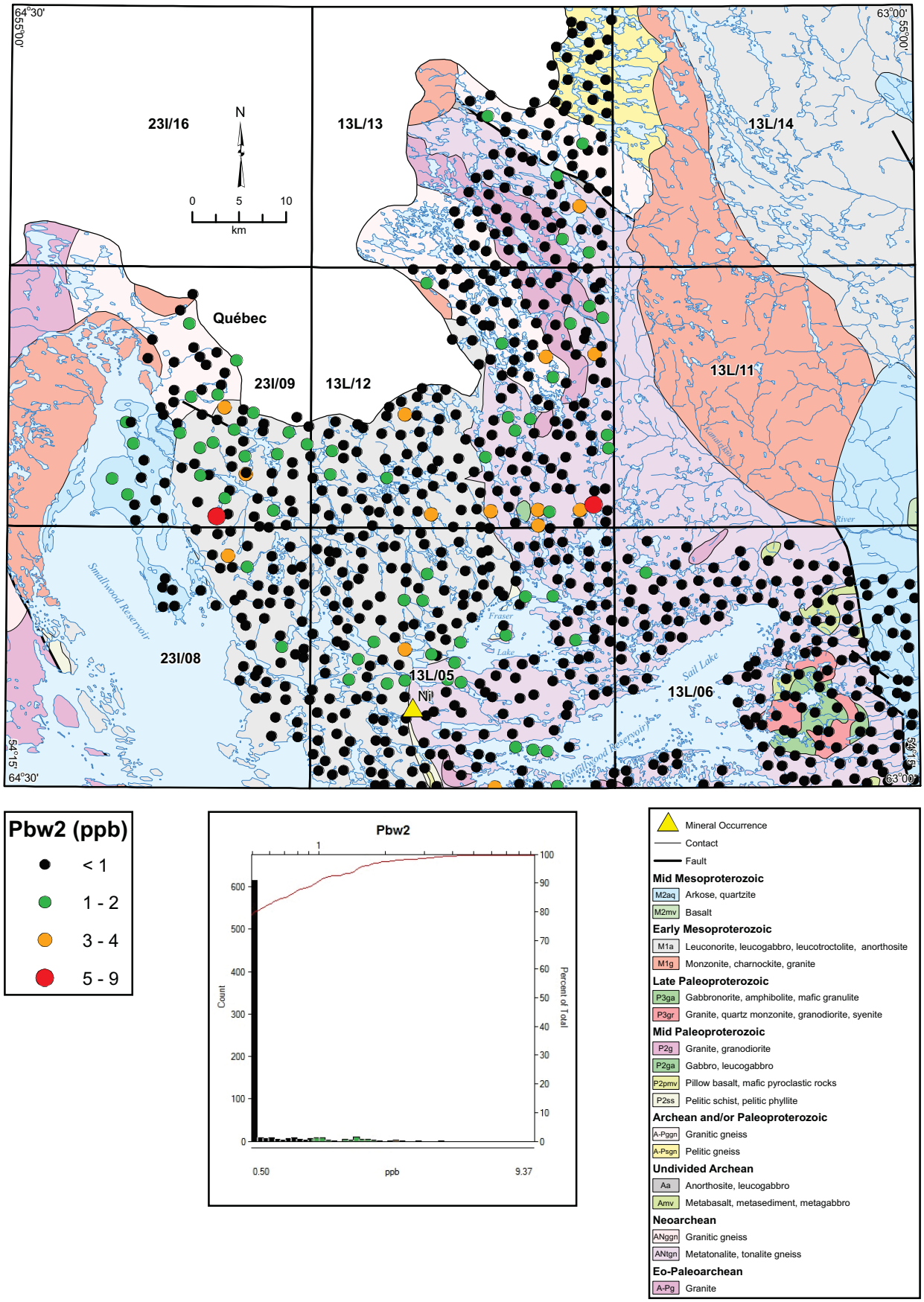


**Figure 93.** *Lead (Pbw2) in lake water.*

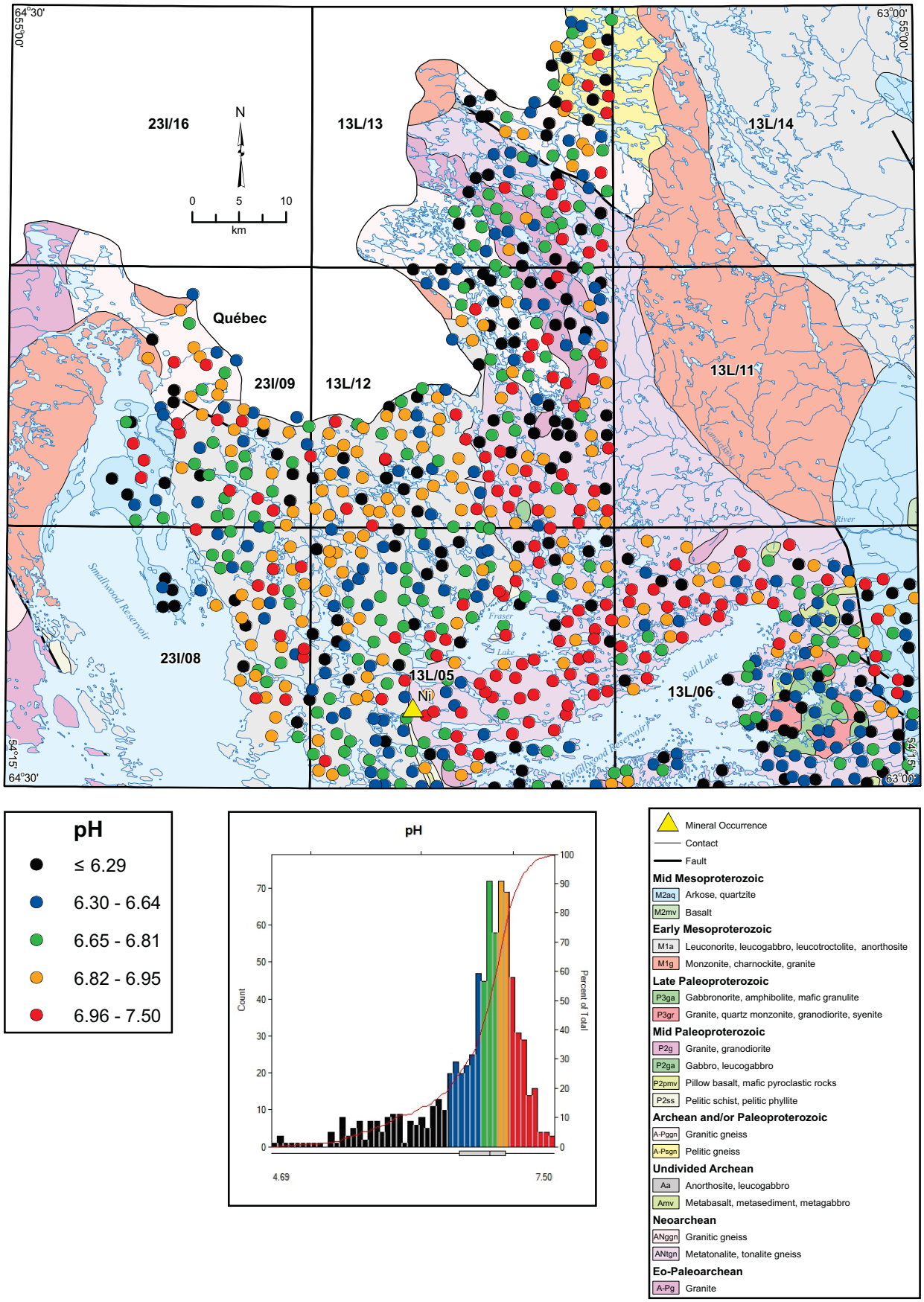


**Figure 94.** *pH in lake water.*

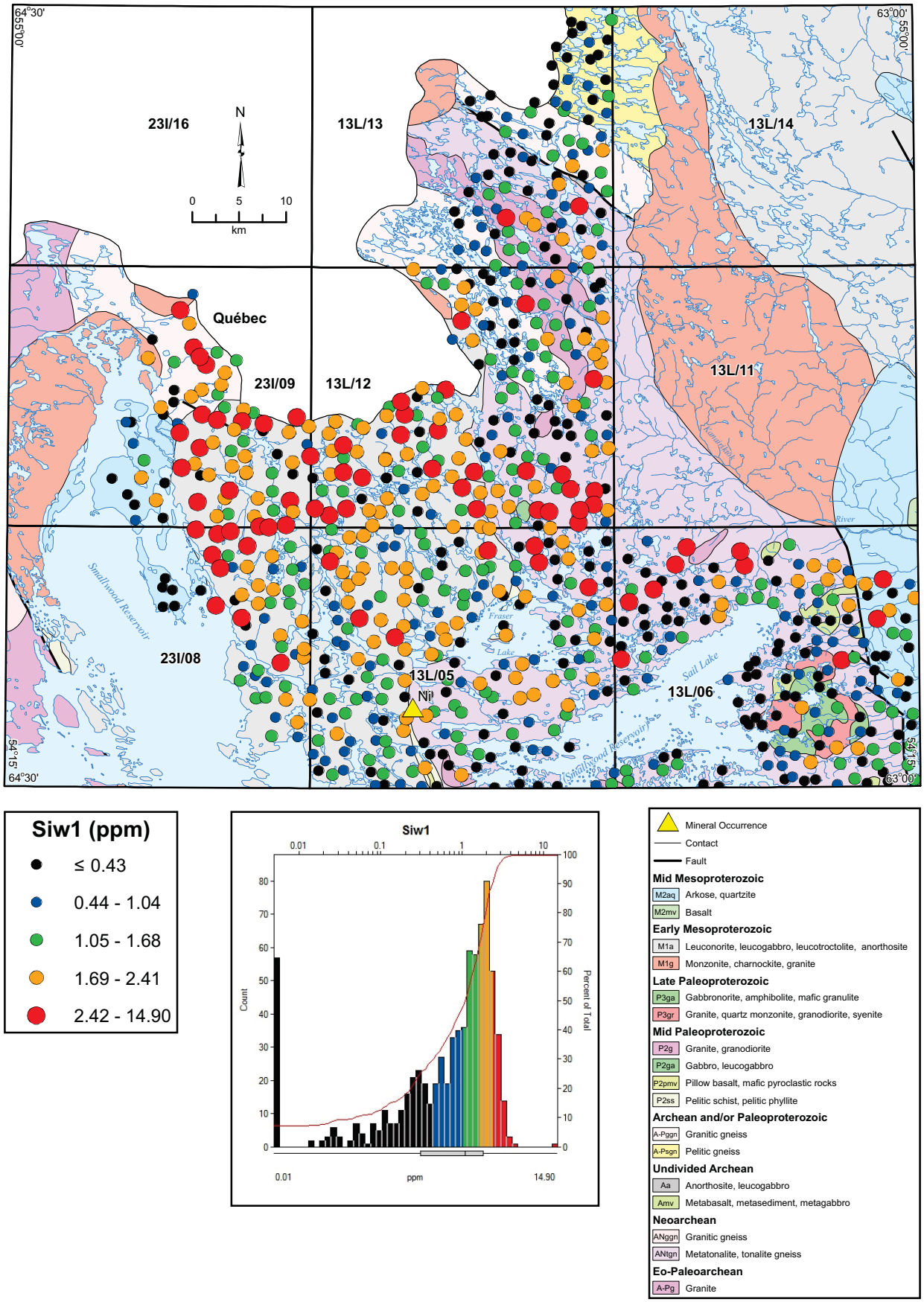


**Figure 95.** *Silicon (Siw1) in lake water.*

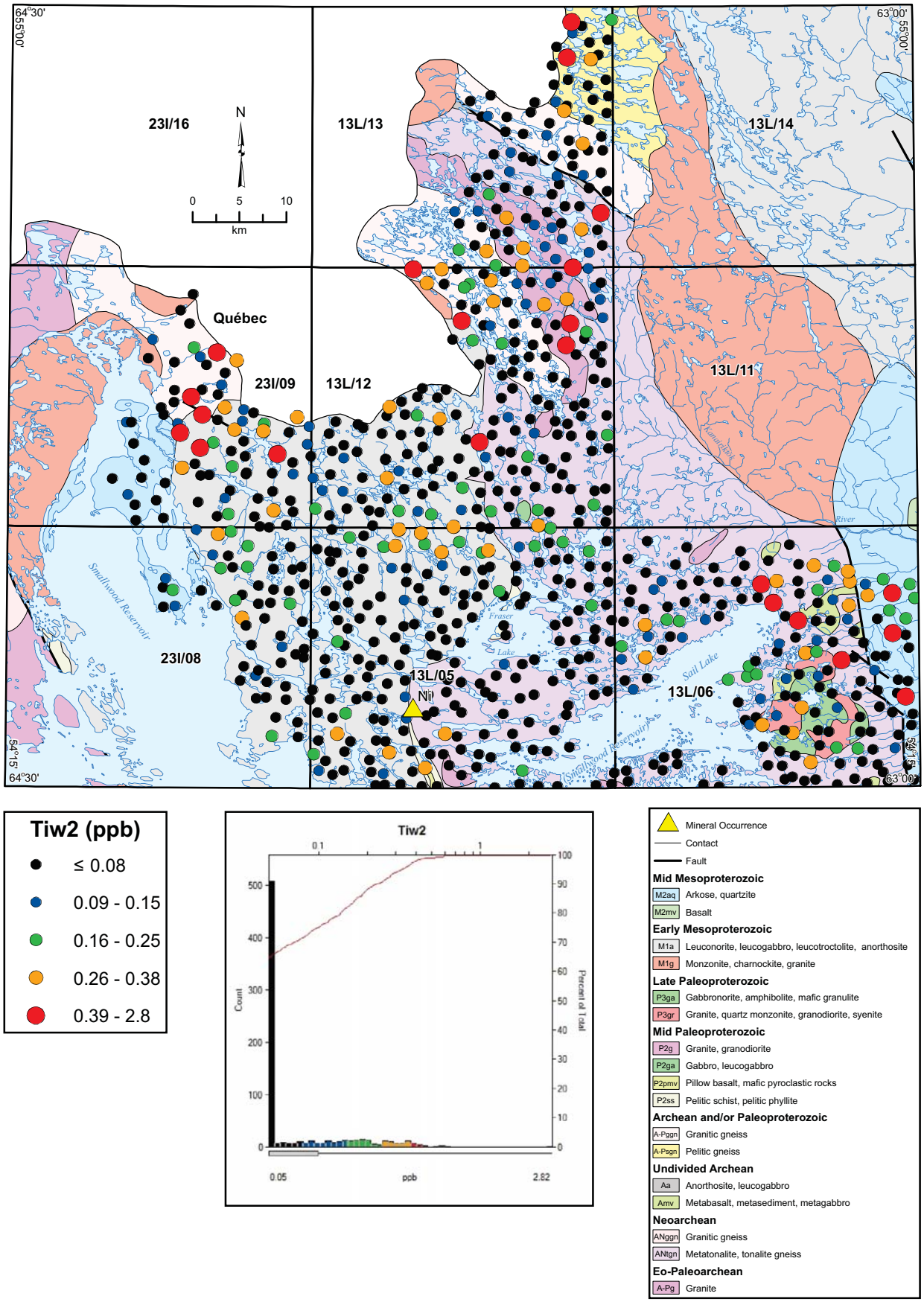


**Figure 96.** *Titanium (Tiw2) in lake water.*

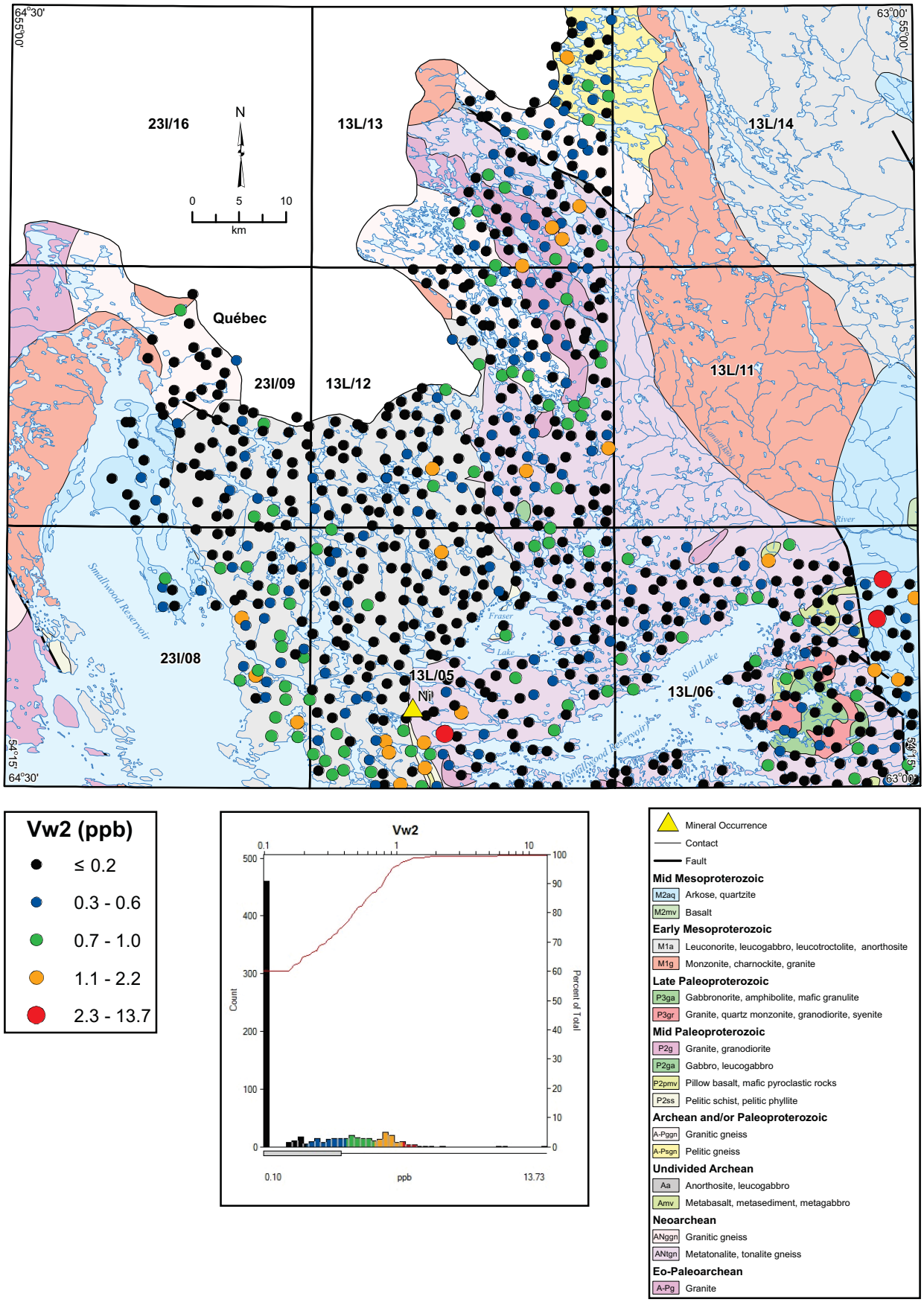


**Figure 97.** *Vanadium (Vw2) in lake water.*

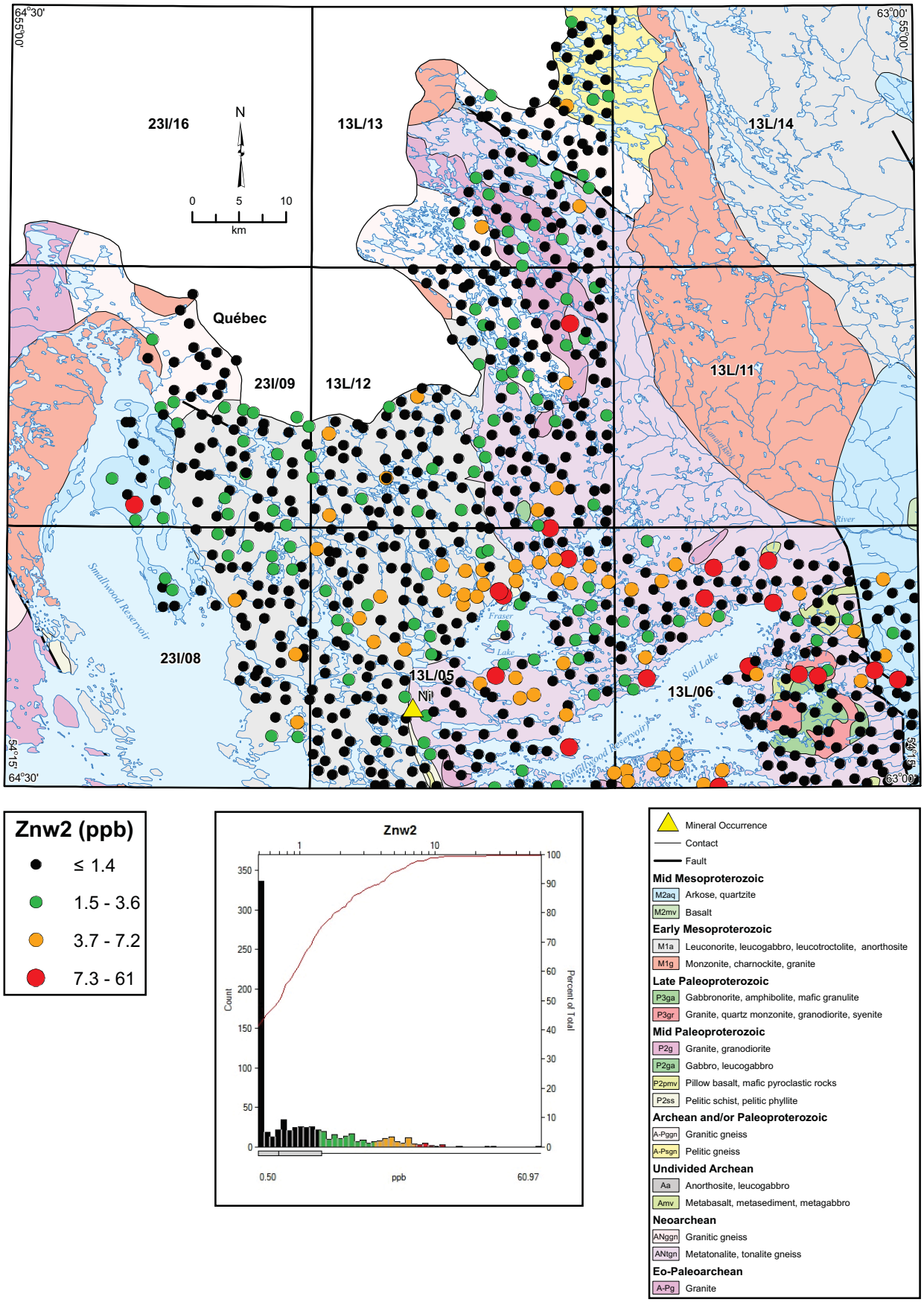


**Figure 98.** *Zinc (Znw2) in lake water.*