Newfoundland Labrador

Natural Resources

Mines

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

(NTS MAP AREAS 23I/06, 07, 10, 11, 12, 13, 14 AND 15)

S.D. Amor

Open File 23I/0101

St. John's, Newfoundland
May, 2013

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Cover: Collecting lake-sediment sample SA5090136 on Crossroads Lake (NTS 23I/14).

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GEOLOGICAL SURVEY NEWFOUNDLAND AND LABRADOR 1864

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CONTENTS

	Page
ABSTRACT	iv
INTRODUCTION	1
LOCATION, ACCESS AND PHYSIOGRAPHY	2
PREVIOUS GEOCHEMICAL SURVEYS	2
REGIONAL STUDIES	2
DETAILED STUDIES	3
GEOLOGY AND MINERALIZATION	3
SURFICIAL GEOLOGY	5
SAMPLE COLLECTION	6
SAMPLE PREPARATION AND ANALYSIS	9
PREPARATION	9
ANALYSIS	9
DATA QUALITY	9
RESULTS	13
STATISTICAL ANALYSIS	13
Summary Statistics	13
Field Parameters	13
Element Association	20
ELEMENT DISTRIBUTION IN LAKE SEDIMENT AND WATER	21
Sediment Data	22
Sodium (Na1)	22
Iron (Fe2)	22
Manganese (Mn2)	25
Loss-on-Ignition (LOI)	25
Samarium (Sm1)	25
Yttrium (Y2)	25
Uranium (U1)	30
Nickel (Ni2)	30
Arsenic (As1)	30
Phosphorus (P2)	34
Lead (Pb2)	34
Water Data	34
Calcium (Caw1)	34
Sodium (Naw1)	34
Fluoride (Fw9)	38
Manganese (Mnw1)	38
Aluminum (Alw2)	38
Lithium (Liw2)	38
Potassium (Kw1)	43
Uranium (Uw3)	43
Yttrium (Yw2)	43

Page

SOME IMPORTANT ANOMALIES. 43
Reservoir-Petscapiskau Southwest Anomaly 49
Petscapiskau Northeast Anomaly 49
Lac St-Sauveur Anomaly 50
Woods Lake Anomaly. 51
Gauthier Lake Anomaly 51

CONCLUSIONS 52

ACKNOWLEDGMENTS. 53

REFERENCES 53

APPENDIX 1: Locations, field data and analyses of lake-sediment and lake water data 60

APPENDIX 2: Symbol plots of element distributions of sediment data not discussed in the text. 168

APPENDIX 3: Symbol plots of element distributions of water data not discussed in the taxt 216

TABLES

Table 1. Analytical methods for lake-sediment samples. 9
Table 2. Analytical methods for lake-water samples 10
Table 3. Summary of sediment analytical precision, as measured on reference standards 11
Table 4. Summary of sediment analytical precision, as measured on analytical duplicates. 11
Table 5. Summary of sediment inhomogeneity, as measured on field duplicates 11
Table 6. Summary of water analytical precision, as measured on reference standards 12
Table 7. Summary of water analytical precision, as measured on duplicates. 12
Table 8. Summary of water inhomogeneity, as measured on field duplicates 12
Table 9. Summary statistics for lake-sediment data 14
Table 10. Summary statistics for lake-water data 15

Page

FIGURES

Figure 1. Area of coverage of the GEM program in the Schefferville area of Labrador and Québec 1
Figure 2. NTS 1:50 000 map sheets comprising the GEM program in the Schefferville area of Labrador and Québec 1
Figure 3. Geological map of sampled area 4
Figure 4. Surficial geology of sampled area. Inferred ice flow directions are from Klassen and Thompson (1990). 7
Figure 5. Locations of 2009 lake-sediment and water samples 8
Figure 6. Areal distribution and frequency of occurrence of sampling depth 16
Figure 7. Areal distribution and frequency of occurrence of predominant shoreline vegetation types 17
Figure 8. Areal distribution and frequency of occurrence of sample colour 18
Figure 9. Areal distribution and frequency of occurrence of sample composition 19
Figure 10. Correlation matrix for lake-sediment data. 20
Figure 11. Correlation matrix for lake-water data 21
Figure 12. Sodium (Na1) in lake sediment 23
Figure 13. Iron (Fe2) in lake sediment 24
Figure 14. Manganese (Mn2) in lake sediment 26
Figure 15. Loss-on-ignition (LOI) in lake sediment 27
Figure 16. Samarium (Sm1) in lake sediment 28
Figure 17. Yttrium (Y2) in lake sediment. 29
Figure 18. Uranium (U1) in lake sediment 31
Figure 19. Nickel (Ni2) in lake sediment 32
Figure 20. Arsenic (As1) in lake sediment 33
Figure 21. Phosphorus (P2) in lake sediment 35
Figure 22. Lead (Pb2) in lake sediment 36
Figure 23. Calcium (Caw1) in lake water 37
Figure 24. Sodium (Naw1) in lake water 39
Figure 25. Fluoride (Fw9) in lake water 40
Figure 26. Manganese (Mnw1) in lake water 41
Figure 27. Aluminum (Alw2) in lake water 42
Figure 28. Lithium (Liw2) in lake water 44
Figure 29. Potassium (Kw1) in lake water 45
Figure 30. Uranium (Uw3) in lake water 46
Figure 31. Yttrium (Yw2) in lake water 47
Figure 32. Significant geochemical anomalies 48

ABSTRACT

A detailed, helicopter-supported lake-sediment and water survey was conducted over approximately 4800 km^2 of the Knox Lake region of western Labrador, on NTS map areas 23I/06, 23I/07, 23I/10, 23I/11, 23I/12, 23I/13, 23I/14 and 23I/15.

The sampled area is underlain by rocks of the Southeast Churchill Province (SECP), comprising mid-Paleoproterozoic granite, granodiorite and paragneiss, intruded by Early Mesoproterozoic granite and syenite in the east, Neoarchean granitic gneiss intruded by mid-Paleoproterozoic granitic rocks in the centre, and Neoarchean metatonalite and tonalite gneiss in the west. In the extreme northwest, sampling extended over rocks of the Labrador Trough, which comprise a diverse package of mainly supracrustal rocks of mid-Paleoproterozoic age.

A total of 1017 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 4.7 km^2. Water and sediment samples were collected at 985 sites, and water samples only at 32 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 Inductively-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 concentration levels of many elements, in both sediments and waters, are conspicuously higher over rocks of the Labrador Trough. Certain other geological features, notably the eastward transition from Neoarchean to mid-Paleoproterozoic rocks, have a diagnostic signature in a number of geochemical variables.

Anomalous concentrations of rare-earth (REE) and associated elements are present in the east of the sampled area, near the contact with an early Mesoproterozoic granite-syenite stock over which REE enrichment had been noted previously. Anomalies characterized by Ti–Hf–Ba–Nb–Sc–Ta, As–Au–Ag–Sb, and Cu–Ni–Fe–Zn–Cd are present elsewhere; the last-named is underlain by Labrador Trough rocks and also associated with enriched sulphur, and low pH in the lake waters.

INTRODUCTION

This report presents the results of a helicopter-supported lake-sediment and water-sampling program in the Knox Lake region of western Labrador during July and August, 2009, and carried out by the Geological Survey of Newfoundland and Labrador (GSNL) over an area of approximately 4800 km^2.

The program is a component of the Geomapping for Energy and Minerals (GEM) program of the Government of Canada (Percival, 2009) which focuses mainly on areas above 60°N; the program also includes 'activity locations' for northwest Manitoba, northern Saskatchewan, and the Schefferville area of Québec and Labrador. The last-named area (Figures 1 and 2) is the focus of the current study. It comprised a geophysical component (airborne magnetic and radiometric surveys) and the geochemical component that is the subject of this

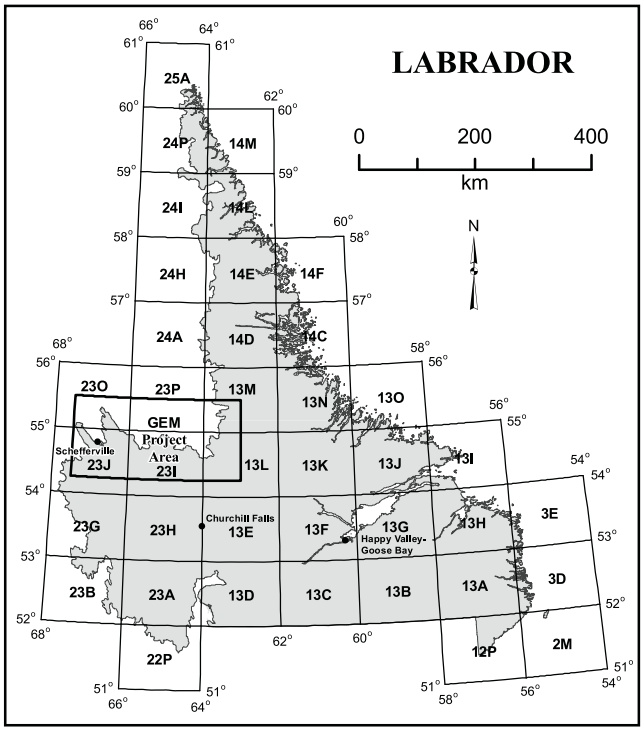


Figure 1. *Area of coverage of the GEM program in the Schefferville area of Labrador and Québec.*

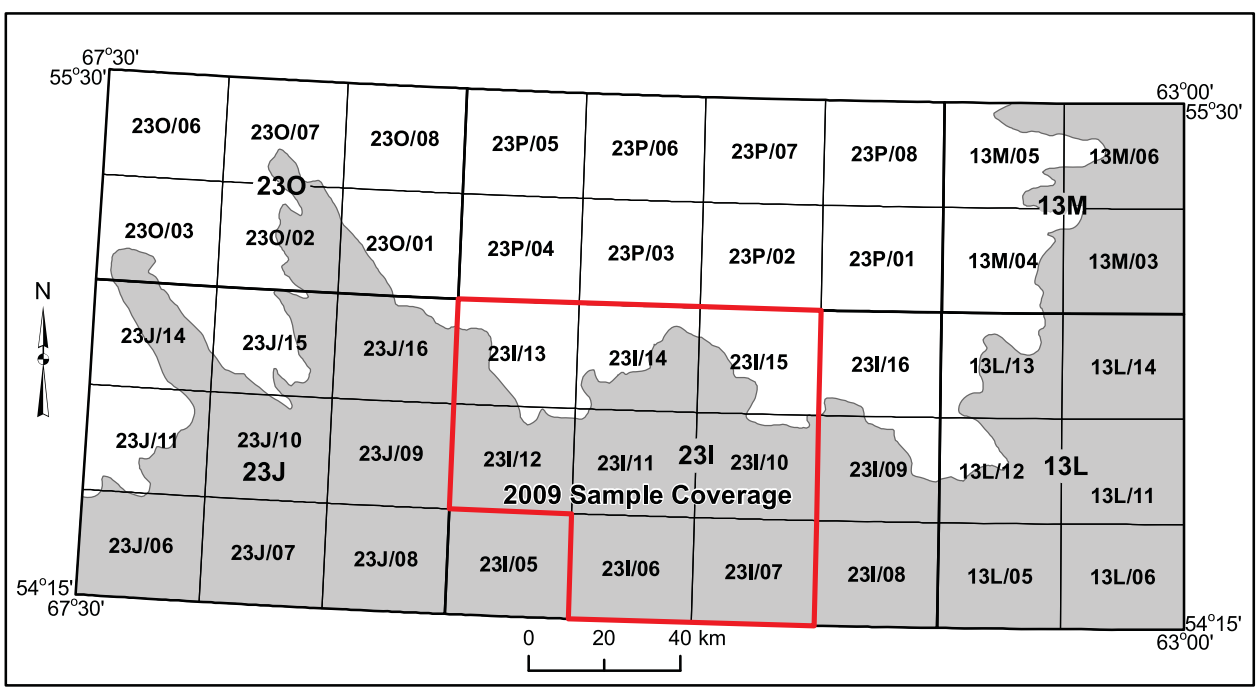


Figure 2. *NTS 1:50 000 map sheets comprising the GEM program in the Schefferville area of Labrador and Québec.*

report. Airborne geophysical maps were released in March 2010 (Dumont *et al.*, 2010; *see* below). As part of the geological component of the program, detailed bedrock mapping was carried out on NTS map areas 23I/14 and the northern half of 23I/11, and limited mapping on 23I/10 and the remainder of 23I/11 (Valley, 2010).

The 2009 lake-sampling program focused on NTS 1:50 000-scale map areas 23I/06, 23I/07, 23I/10, 23I/11, part of NTS map area 23I/12, and the portions of 23I/13, 23I/14 and 23I/15 that lie within Labrador.

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, while 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 east of Schefferville and 340 km west-northwest of Goose Bay. Access to, and within, the survey area is only practical by air; Crossroads Lake, in the southeast corner of NTS map area 23I/14, where the base camp was located and which hosts a fishing lodge, is large and deep enough to be serviced by float plane.

The area is characterized by rugged topography, with abundant bedrock outcrop, in the north, northwest and southeast, and flat, swampy ground with abundant stringbog in the south and southwest. Two points west of Snelgrove Lake, on NTS map area 23I/12, exceed 700 m asl, while the surface of the Smallwood Reservoir, at 471 m asl, is the lowest point in the sampled area. The McKenzie River, which is the only major watercourse, enters the survey area west of Woods Lake on NTS map area 23I/11 and flows into the Smallwood Reservoir on 23I/06.

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 1 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 (LOI) by gravimetry. The waters were analyzed for fluoride ion by ISE, and for U by fluorimetry. The lake-sediment samples were subsequently recovered 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).

Within the area covered by the GEM project (Percival, 2009), anomalous values were reported for a large number of elements (Ag, As, Au, Cd, Co, Cs, Cu, Fe, Hg, Mn, Ni, Sb and Zn) over rocks of the Labrador Trough, in the west. A strong anomaly of fluoride ion in water, accompanied by elevated values of Mo (the Michikamats Anomaly; McConnell, 1988; Amor, 2010), is present over an intrusion of granite, cored by syenite (James, 1994) straddling the boundary between NTS map areas 23I/09 and 23I/10.

DETAILED STUDIES

As follow-up to some of the results of the NGR program, a detailed lake-sampling program was carried out on the eastern margin of the current study area (McConnell, 1988, 1989). The focus of the detailed study was the Michikamats Intrusion (*see* below). Sediments were analyzed by 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 LOI and by ISE for F. The latter method was also used to analyze lake waters for fluoride ion.

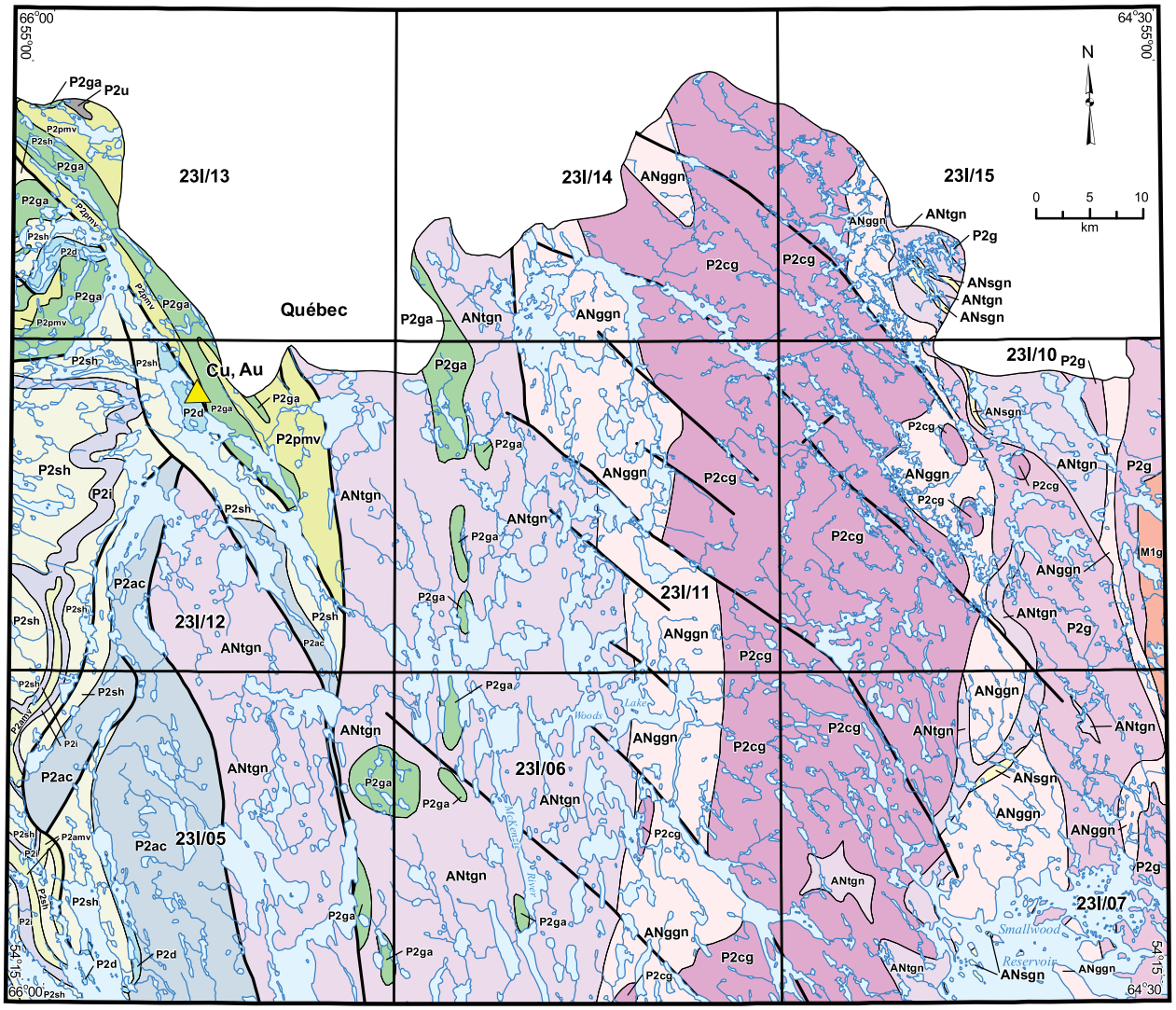
Detailed sampling has also been carried out in the Schefferville area by McConnell and Ricketts (2011). Sediment and water samples were analyzed for a similar suite of elements and other parameters as the current study (*see* below). There is some overlap between the coverage of the two surveys on NTS map areas 23I/12 and 23I/13.

GEOLOGY AND MINERALIZATION

Information regarding the geology of the area covered by this study is taken from James (1994) and Wardle *et al.* (1997). The unit titles in the descriptions below refer to the latter published map.

The northwestern part of the study area (NTS map areas 23I/12 and 23I/13) is underlain by mainly supracrustal rocks of the Mesoproterozoic Labrador Trough, with a general northwesterly strike (Figure 3). In NTS map area 23I/13, these rocks comprise pillow basalt and mafic pyroclastic rocks (Unit P2pmv) intruded by gabbro (Unit P2ga) and, to a very restricted extent, peridotite (Unit P2u). NTS map area 23I/12, to the south, is partly underlain by clastic sediments (Unit P2sh) containing coal (Bloomer, 1954); dolomite and chert (Unit P2d); and quartzite/iron formation (Unit P2i), although in the eastern half of the map area there is a wedge of igneous rocks of the units described above, in contact with older rocks described below.

The remaining six map areas (NTS map areas 23I/06, 23I/07, 23I/10, 23I/11, 23I/14 and 23I/15) are underlain, mainly in the west, by Neoarchean metatonalite and tonalite gneiss (the Eastern Basement Metamorphic Complex or Flat Point tonalite: Unit ANtgn), intruded by mid-Paleoproterozoic gabbro and amphibolite (Unit P2ga); in the centre, by Neoarchean granitic gneiss (Unit ANggn) intruded by mid-Paleoproterozoic tonalite, quartz diorite, granodiorite and granite (the De Pas Batholith: Unit P2cg); and in the east, by mid-Paleoproterozoic granite and



Early Mesoproterozoic

- M1g — Monzonite, charnockite, granite

Mid Paleoproterozoic

- P2ac — Arkose, conglomerate
- P2amv — Alkalic basalt, mafic pyroclastic rocks
- P2cg — Tonalite, quartz diorite, granodiorite, granite
- P2d — Dolomite, chert
- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2i — Ironstone, quartzite
- P2pmv — Basalt, mafic pyroclastic rocks
- P2sh — Shale, siltstone, sandstone
- P2u — Peridotite

Neoarchean

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

- Mineral Occurrence
- Contact
- Fault

Figure 3. *Geological map of sampled area.*

granodiorite (Unit P2g) and paragneiss (the Overflow Group: Unit ANsgn), and early Mesoproterozoic granite and syenite (the Michikamats Intrusion: Unit M1g).

There are no developed prospects or producers (past or present) within the area of coverage. One mineral occurrence on NTS map area 23I/12 (Montgomery Lake Cu–Au) has the status of 'Prospect' (Figure 3; Stapleton *et al.*, 2011) and is situated near the faulted contact between mid-Paleoproterozoic mafic volcanic and volcaniclastic rocks (Unit P2pmv) to the northeast, and cherty dolomite (Unit P2d) to the southwest. The occurrence was discovered by prospectors in 1942 and drilled in the mid-1960s. It comprises pyrite, pyrrhotite and minor chalcopyrite, disseminated in varying amounts and locally enriched in Au, hosted by carbonated and silicified quartzites or dolomites, and pelitic sediments, and has been interpreted as being of mesothermal origin (Swinden and Santaguida, 1995). Of the other mineral occurrences, 13 have the status of 'Showing' and 13 have the status of 'Occurrence'. Commodities of interest mainly comprise copper and iron, within the more northerly mafic volcanic, volcaniclastic and intrusive rocks (units P2pmv and P2ga) to the north, and iron in the quartzite/iron formation to the south (Unit P2i). There has been almost no documented exploration work over the non-Labrador Trough rocks.

SURFICIAL GEOLOGY

The study area is close to a paleo-ice centre and as a result, within an area of complicated ice-flow history, 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.

Inferred ice-flow directions (from Klassen and Thompson, 1990) indicate at least four phases (Figure 4):

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

Phase 2: Northeastward flow, originating within the southern portion of the Labrador Trough

Phase 3: North-northwestward and south-southeastward flow, with a divide striking east-northeast from Schefferville through the northern part of the study area, and

Phase 5: Eastward and southeastward flow from the southern portion of the Ashuanipi Highlands.

The above inferences are consistent with the observations of Emslie (1963; quoted in McConnell, 1989).

Despite subsequent modification by glaciation, there is some geological control on the landscape whereby areas underlain by Neoarchean tonalitic rocks in the west tend to be swampy and of low relief, with mostly shallow lakes, whereas bedrock exposure of the Proterozoic granitic rocks in the east is much more abundant, and lakes are generally deeper both in the east and especially over rocks of the Labrador Trough in the northwest.

Surficial deposits are dominated by undifferentiated till consisting of silty to sandy diamicton, with minor glaciofluvial, glaciolacustrine and fluvial deposits (Figure 4). Drumlin or fluting orientations are predominantly north–south (Klassen *et al.*, 1992). There are several prominent eskers that have a generally southeastward orientation.

SAMPLE COLLECTION

Fieldwork was based in a camp on Crossroads Lake in the southeast corner of NTS map area 23I/14. Sampling was carried out from a float-equipped Bell 206-B helicopter. A wooden platform was installed over the port float of the helicopter to facilitate sampling, but a winch was not used.

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 samples were collected, served to lessen the overall sampling density from the theoretical 1 per 4 km^2 to approximately 1 per 4.7 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: UTM coordinates, sample depth, nature of vegetation surrounding the lake, sample colour, water colour, amount of suspended matter, sample composition, potential sources of contamination and duplicate status. The NTS 1:50 000 map 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, which opens on impact with the lake bottom 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 one-metre 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.

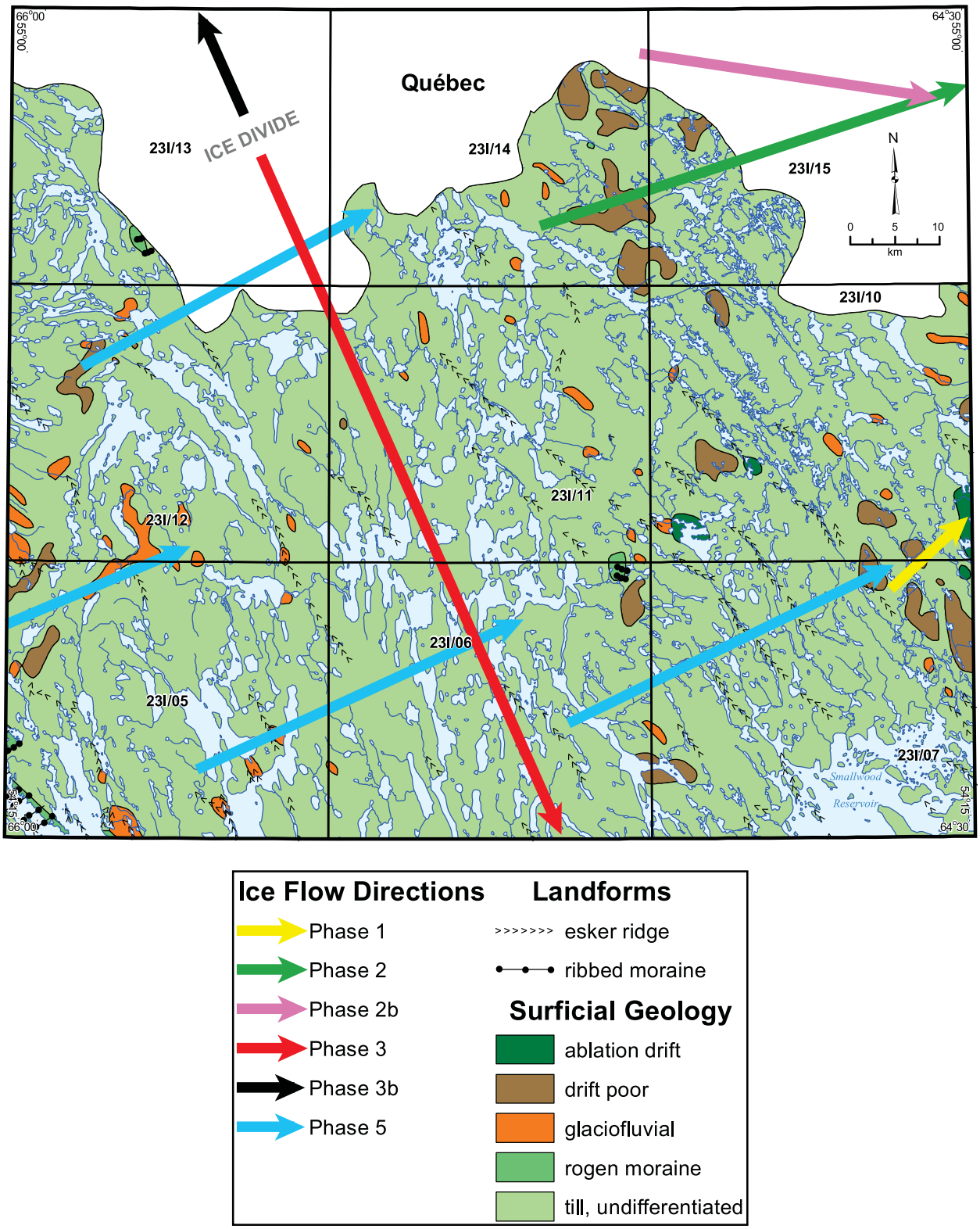
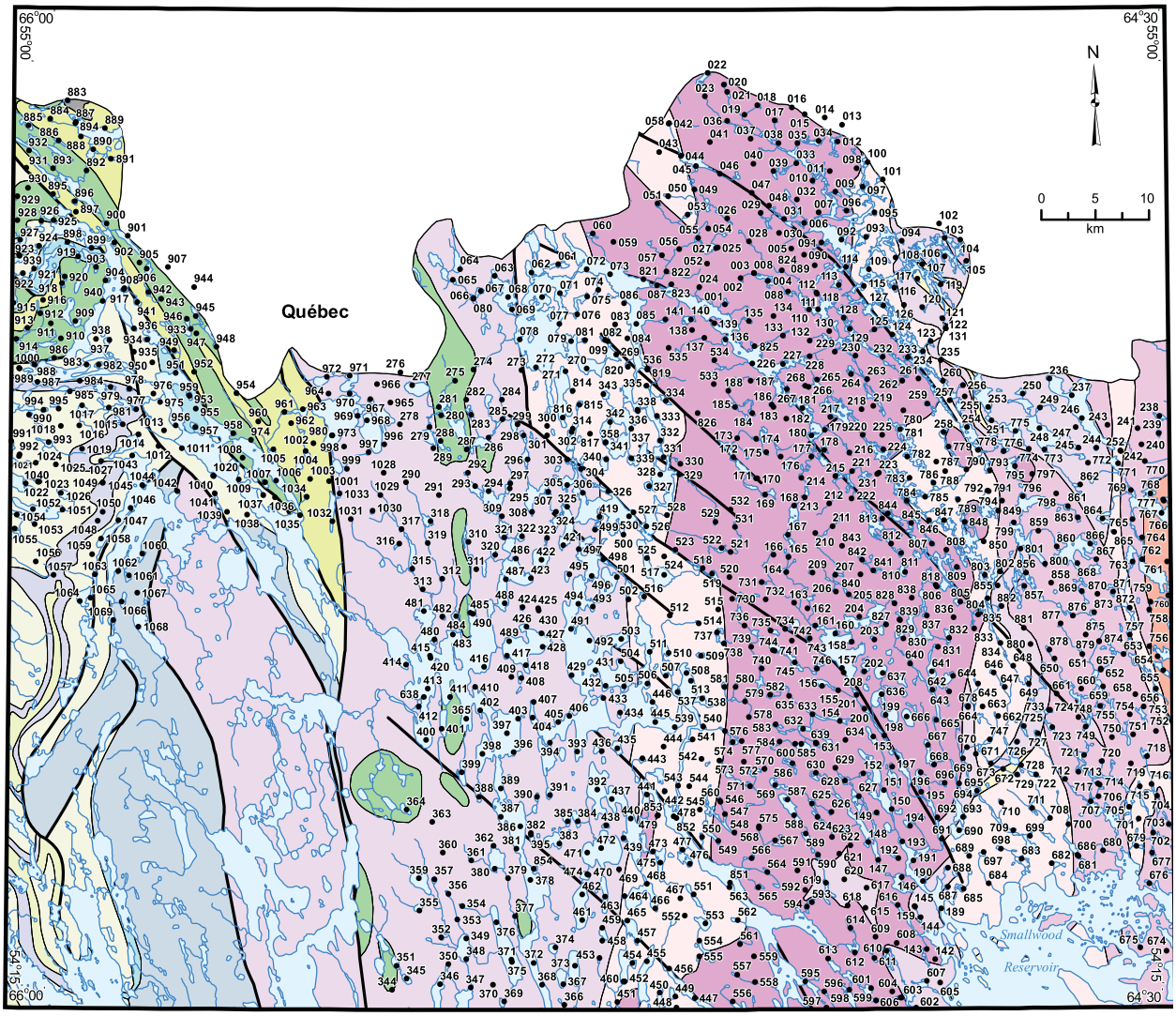


Figure 4. *Surficial geology of sampled area. Inferred ice flow direction are from Klassen and Thompson (1990).*



Early Mesoproterozoic

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Mid Paleoproterozoic

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- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2i — Ironstone, quartzite
- P2pmv — Basalt, mafic pyroclastic rocks
- P2sh — Shale, siltstone, sandstone
- P2u — Peridotite

Neoarchean

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

- • Sample Location
- Contact
- Fault

Figure 5. *Locations of 2009 lake-sediment and water samples.*

SAMPLE PREPARATION AND ANALYSIS

PREPARATION

At the GSNL laboratory, the sediment samples were dried at 40ºC, followed by disaggregation using a mortar and pestle, and screening through a 180 micron (80 mesh) stainless-steel sieve, and 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 (contracted to Becquerel Laboratories) and U analysis of the water samples (contracted to 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) [1]Parts per billion (ppb) [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) [2]Weight percent	Inductively-Coupled Plasma Emission Spectrometry (ICP-ES)	2	$HF-HC1O_4-HNO_3$ (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		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 LKSD1, 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. As a result of most of their standard analyses falling outside permissible limits, re-analysis for Cu was carried out on a sequence of 215 water samples.

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 Zn (mean shortfall 10% over four standards), Ni (11%), Cu (12%), Rb (14%), Al (14%), Dy (14%), Cr (16%), Ti (20%), Be (30%) and Zr (mean shortfall 70% over four standards). A few elements were consistently overestimated: Sr (15%), Co (14%) and Li (10%).

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

Table 4. Summary of sediment analytical precision, as measured on analytical duplicates; elements are listed in order of increasing (*i.e.*, worsening) precision; there were insufficient detectable Au values for precision to be calculated

	INAA	ICP-ES	Other
Better than ± 5%		Fe, K, Ba, Al, Mn, Ca, Sc, Y, Sr	
Between ± 5% and ± 10%	Sm	Co, Ni, P, Mg, Zn, Na, Ce, Be, La, Li, V	
Between ± 10% and ± 20%	La, Sc, Br, Th	Cr, Ti, Zr, Cu	
Between ± 20% and ± 50%	Fe, Ce, Ba, Na, Hf	As, Dy	
Worse than ± 50%	Co, U, Cr, Tb, Ta, As, Yb, Rb, Lu, Mo, Eu	Nb, Cd, Pb, 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%			
Between ± 20% and ± 50%	La	Ni, Y, La, Ce	
Between ± 50% and ± 100%	Sm, 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%		Co, Cd
Between ± 5% and ± 10%	Mn, Mg	Be
Between ± 10% and ± 20%	Sr, Ca, K, Fe	Ba, Zn, Ni, Cr
Worse than ± 20%	Na, Si, S	Mo, Al, Ti, Li, Pb, Cu, P, Y, V

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, Ca, Fe		pH
Between ± 5% and ± 10%	S	Sr, Ba	
Between ± 10% and ± 20%	Mn		
Between ± 20% and ± 50%	Na, Si	Al	
Worse than ± 50%	K	P, Zn, Ni, Cr, Ti, Y, V, Li, Cu	Conductivity U, 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%	Mg, Ca, S, Na	Sr	pH
Between ± 20% and ± 50%		Ba	Conductivity
Between ± 50% and ± 100%	K, Fe	Al, Si, Mn	
Worse than ± 100%		P, Ti, Li, Cr, Y, V, Ni, Cu, Zn	U, 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 (texture), respectively, as noted during the sampling.

The median and maximum sampling depths are 2 and 14 m, respectively; the latter was reported at 54º46'42”N, 65º59'54”W (54.7782ºN, 65.9883ºW) on the western boundary of NTS map area 23I/13. Lakes are conspicuously shallower in the central part of the survey area (mainly underlain by Neoarchean granitic rocks) than in the east (underlain by Proterozoic granitic rocks) or west (underlain by mostly supracrustal rocks of the Labrador Trough).

The most frequently encountered shoreline vegetation type was ‘Mixed Forest and Swamp’ with 354 instances, followed (closely) by ‘Forest’ with 347 and ‘Rock and Forest’ with 224. The remaining three classifications (‘Swamp’, ‘Burned’ and ‘Barren’) total only 89 instances. There is a conspicuous concentration of ‘Swamp’ in the northeast corner of NTS map area 23I/12, and of ‘Mixed Forest and Swamp’ in the southwest corner of 23I/11 and most of 23I/06. The easterly transition from predominantly ‘Forest’, ‘Mixed Forest and Swamp’ and ‘Swamp’, on the one hand, to predominantly ‘Forest’ and ‘Rock and Forest’ coincides with the geological transition from Neoarchean metatonalite and tonalite gneiss (Unit ANtgn) and granitic gneiss (Unit ANggn) to mid Paleoproterozoic granodiorite and granite (Unit P2cg).

The predominant sample colour is ‘greenish brown’, in 424 samples, followed by ‘brown’ in 289. ‘Greenish brown’ samples, with subordinate ‘green’ and ‘grey’ samples, predominate in the east on NTS map areas 23I/07 and 23I/10. The remaining ten colours were reported in 274 samples. Nevertheless, there are conspicuous concentrations of samples described as ‘tan yellow’ or ‘lustrous brown’ in the northwestern quadrant of NTS map area 23I/11 and the west of 12I/07, whereas ‘grey’ samples are concentrated on the boundary between 23I/06 and 23I/11, around Woods Lake, and a large unnamed lake to the west of it.

‘Organic ooze’, reported at 691 sites, was by far the most commonly reported textural type. There is, however, a concentration of samples consisting of fine-grained clastic material in the environs of Woods Lake, and the large unnamed lake to the west of it; this may be related to the latter being part of the McKenzie River system.

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

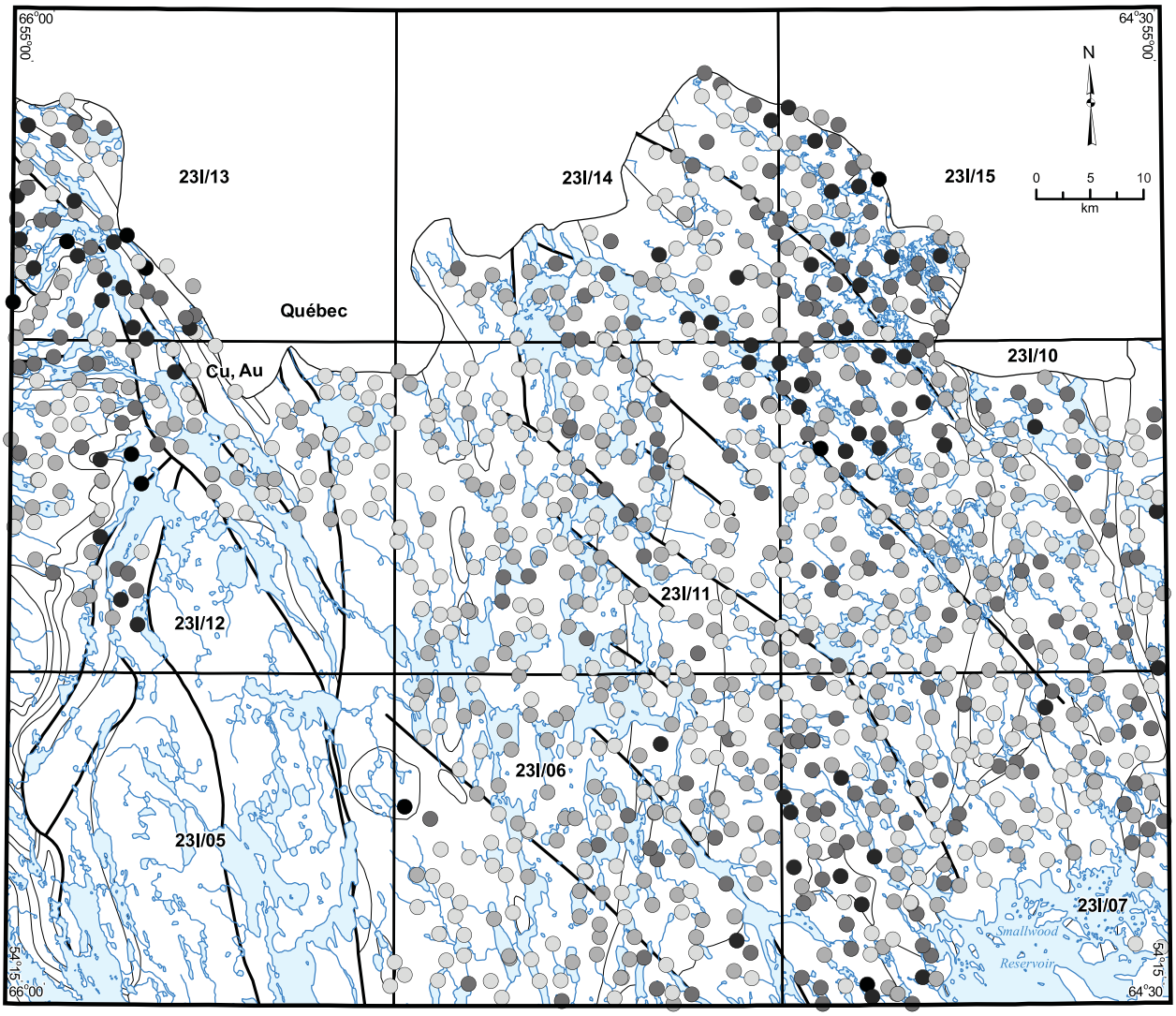
Analysis	N	Median	Arithmetic Mean	Geometric Mean	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Ag6	988	<0.1	0.1	0.1	0.13	0.24	<0.1	2.1
Al2(%)	988	2.36	2.77	2.22	1.724	0.31	0.21	6.79
As1	982	1.25	3.7	1.4	6.67	0.62	<0.5	84
As2	988	4	6	4	6.5	0.36	<2	81
Au1(ppb)	982	<1	<1	<1	0.8	0.21	<1	12
Ba1	982	210	295	218	230.8	0.35	25	1500
Ba2	988	263	328	261	217.7	0.31	18	1339
Be2	988	0.5	0.6	0.5	0.38	0.3	<0.1	2.7
Br1	982	14	14	12	7.8	0.25	1	128
Ca2(%)	988	0.76	1	0.82	0.671	0.27	0.08	3.14
Cd2	988	0.2	0.3	0.2	0.42	0.45	<0.1	3.7
Ce1	982	52	56	48	31.7	0.28	<3	363
Ce2	988	52	58	51	31.3	0.23	3	347
Co1	982	10	13	9	13.8	0.36	<2	229
Co2	988	12	14	11	11.9	0.3	<1	204
Cr1	982	40	50	37	35.2	0.36	<10	350
Cr2	988	42	47	40	25.4	0.25	4	253
Cs1	982	<0.5	0.6	0.4	0.63	0.37	<0.5	4.2
Cu2	988	19	27	19	30.1	0.36	<1	297
Dy2	988	2.2	2.4	2	1.46	0.28	<0.1	16.1
Eu1	982	0.9	0.9	0.6	0.66	0.39	<0.5	4.9
Fe1(%)	982	2.3	2.9	2	2.67	0.39	0.1	38
Fe2(%)	988	2.7	3.17	2.32	2.658	0.37	0.16	35.72
Hf1	982	1	2	1	2.4	0.44	<1	16
K2(%)	988	0.35	0.54	0.34	0.478	0.46	<0.01	2.42
La1	982	27	31	26	21.7	0.27	2	272
La2	988	25	31	26	23.5	0.26	<1	291
Li2	988	6.3	7.9	5.8	5.94	0.37	<0.1	38
LOI(%)	987	29.1	29.7	24.5	16.54	0.31	1.9	96
Lu1	982	0.16	0.18	0.14	0.109	0.32	<0.05	0.79
Mg2(%)	988	0.48	0.61	0.47	0.427	0.34	<0.01	1.94
Mn2	988	330	499	294	1061	0.41	28	21036
Mo1	982	<1	2	1	2.3	0.37	<1	24
Mo2	988	1	2	1	2.3	0.38	<1	24
Na1(%)	982	0.34	0.67	0.34	0.723	0.55	<0.05	3.4
Na2(%)	988	0.34	0.63	0.34	0.654	0.52	0.01	3.09
Nb2	988	5	5	4	4	0.4	<1	46
Ni2	988	23	28	23	23	0.25	5	284
P2	988	880	1005	867	569.7	0.24	175	4386
Pb2	988	2	3	2	2.8	0.35	<1	35
Rb1	982	12	18	10	17.2	0.49	<5	100
Rb2	988	11	18	9	18	0.61	<2	98
Sb1	982	<0.1	0.2	0.1	0.21	0.39	<0.1	1.8
Sc1	982	5.8	7.6	5.9	5.23	0.33	0.3	23.6
Sc2	988	7.2	8.4	7	4.83	0.29	0.3	23.9
Se1	982	<1	<1	<1	0.2	0.06	<1	4
Sm1	982	4.3	4.7	4	2.8	0.25	0.3	31.9
Sr2	988	93	146	104	127.9	0.36	8	608
Ta1	982	<0.2	0.3	0.2	0.23	0.34	<0.2	1.2

Table 9. Continued

Analysis	N	Median	Arithmetic Mean	Geometric Mean	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Tb1	982	<0.5	0.4	0.3	0.29	0.27	<0.5	2.5
Th1	982	2.7	3.1	2.6	1.8	0.27	0.2	12.2
Ti2	988	1302	1754	1240	1402.1	0.39	48	12258
U1	982	0.8	1.2	0.8	1.2	0.38	<0.1	12.2
V2	988	48	54	43	33.6	0.33	<1	204
W1	982	<1	<1	<1	0.1	0.05	<1	2
Y2	988	14	14	12	7.1	0.22	1	70
Yb1	982	1	1.1	0.8	0.71	0.38	<0.5	4.9
Zn2	988	83	92	78	64.8	0.24	6	784
Zr1	982	50	61	54	49.6	0.16	<100	510
Zr2	988	25	31	22	24.1	0.39	<1	140

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
Al	1017	40	48	38	33.1	0.3	<2	317
Ba	1017	4.7	4.7	4.1	2.17	0.25	0.3	15.0
Be	1017	<0.1	<0.1	<0.1	0.01	0.03	<0.1	0.3
Ca (ppm)	1017	1.36	1.58	1.40	1.083	0.208	0.11	16.97
Co	1017	<1	<1	<1	0.0	0.0	<1	1
Cr	1017	<0.5	<0.5	<0.5	0.19	0.16	<0.5	1.9
Cu	1017	1.7	3.3	1.2	4.28	0.69	0.2	48.1
F-	1009	9	19	6	33.5	0.7	<1	422
Fe	1017	107	144	98	147.4	0.4	<10	1583
K (ppm)	1017	0.15	0.15	0.13	0.085	0.301	<0.01	0.80
Li	1017	0.5	0.5	0.4	0.35	0.35	<0.1	3.0
Mg (ppm)	1017	0.60	0.72	0.63	0.550	0.217	0.06	10.53
Mn	1017	3.9	6.4	3.9	10.96	0.41	<0.5	209.8
Mo	1017	<1	<1	<1	0	0	<1	1
Na (ppm)	1017	0.49	0.50	0.44	0.200	0.283	<0.01	1.19
Ni	1017	<1	<1	<1	2.0	0.2	<1	50
P	1017	2	3	3	2.9	0.2	2	29
Pb	1017	<1	<1	<1	1.3	0.1	<1	40
S (ppm)	1017	0.19	0.28	0.20	0.574	0.293	<0.01	15.32
Si (ppm)	1017	0.64	0.79	0.45	0.651	0.607	<0.01	4.21
Sr	1017	10.0	10.6	9.4	10.41	0.22	0.4	310.6
Ti	1017	0.2	0.2	0.2	0.17	0.33	<0.1	1.7
U	1016	<0.01	0.01	0.01	0.01	0.29	<0.01	0.07
V	1017	<0.2	0.2	<0.2	0.27	0.32	<0.2	2.0
Y	1017	<1	0.1	0.1	0.09	0.29	<1	0.5
Zn	1017	<1	1	1	1.4	0.3	<1	21
Conductivity (µS)	1012	15.0	16.9	15.5	9.47	0.17	2.4	150.2
pH	1012	6.85	6.84	6.83	0.322	0.022	4.49	8.15



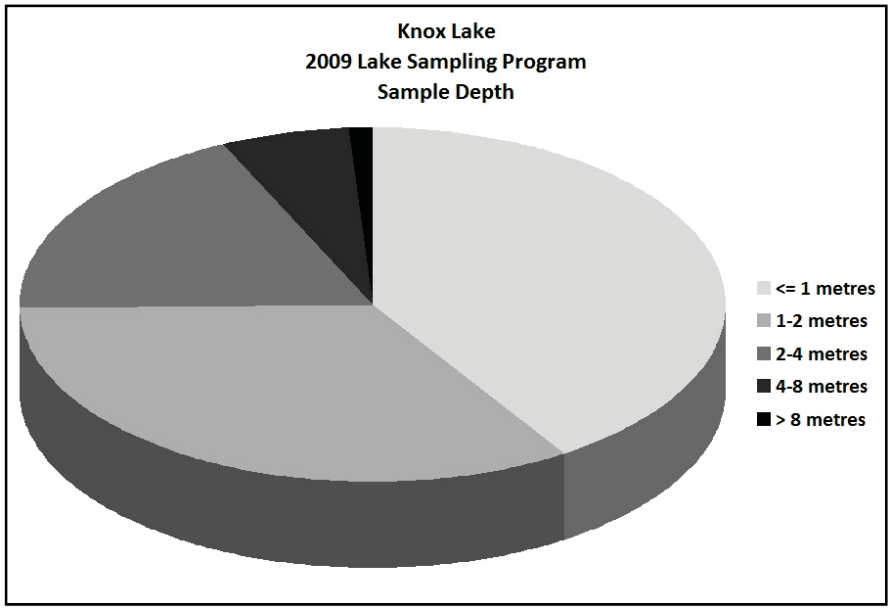


Figure 6. *Areal distribution and frequency of occurrence of sampling depth.*

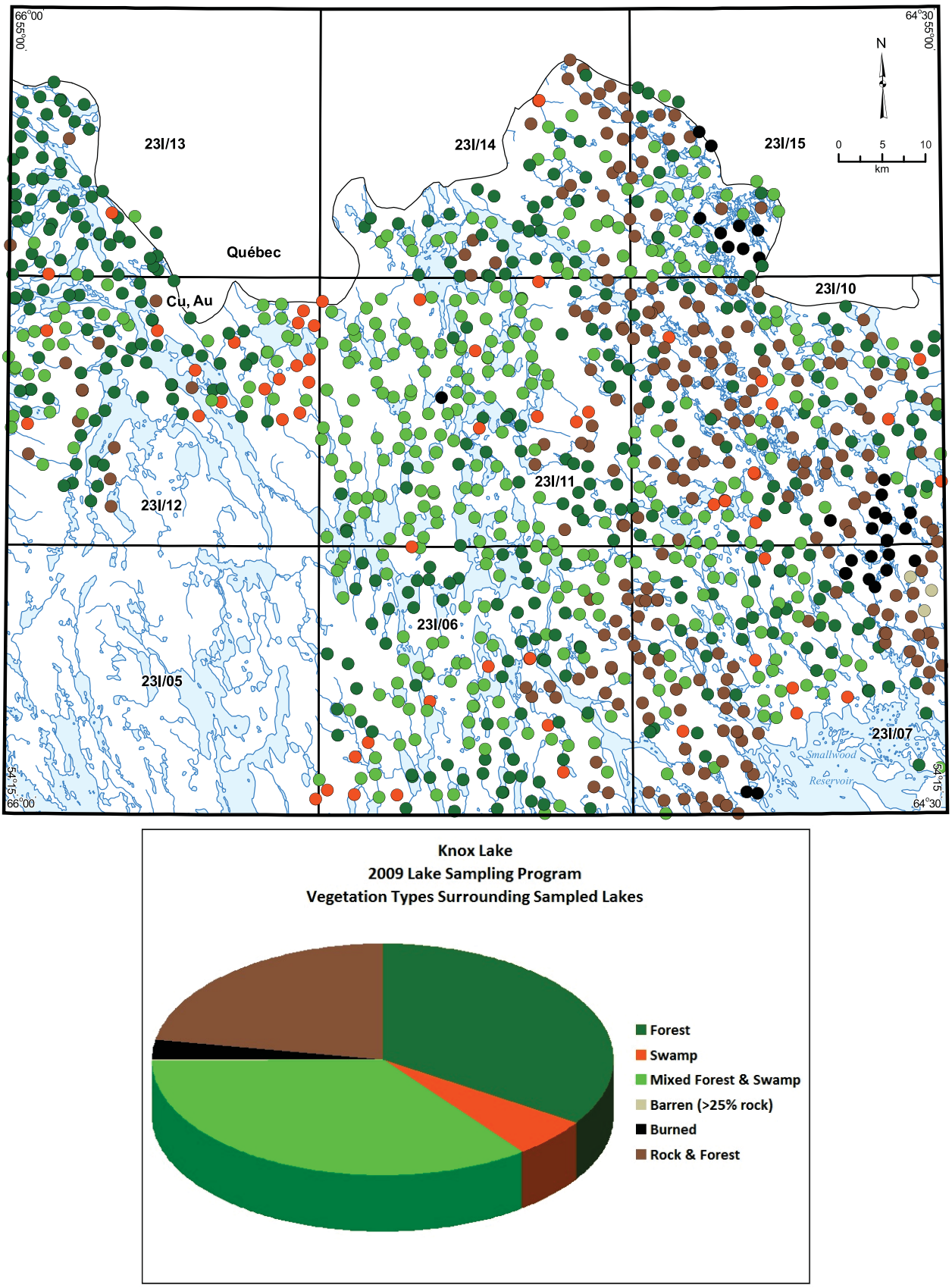
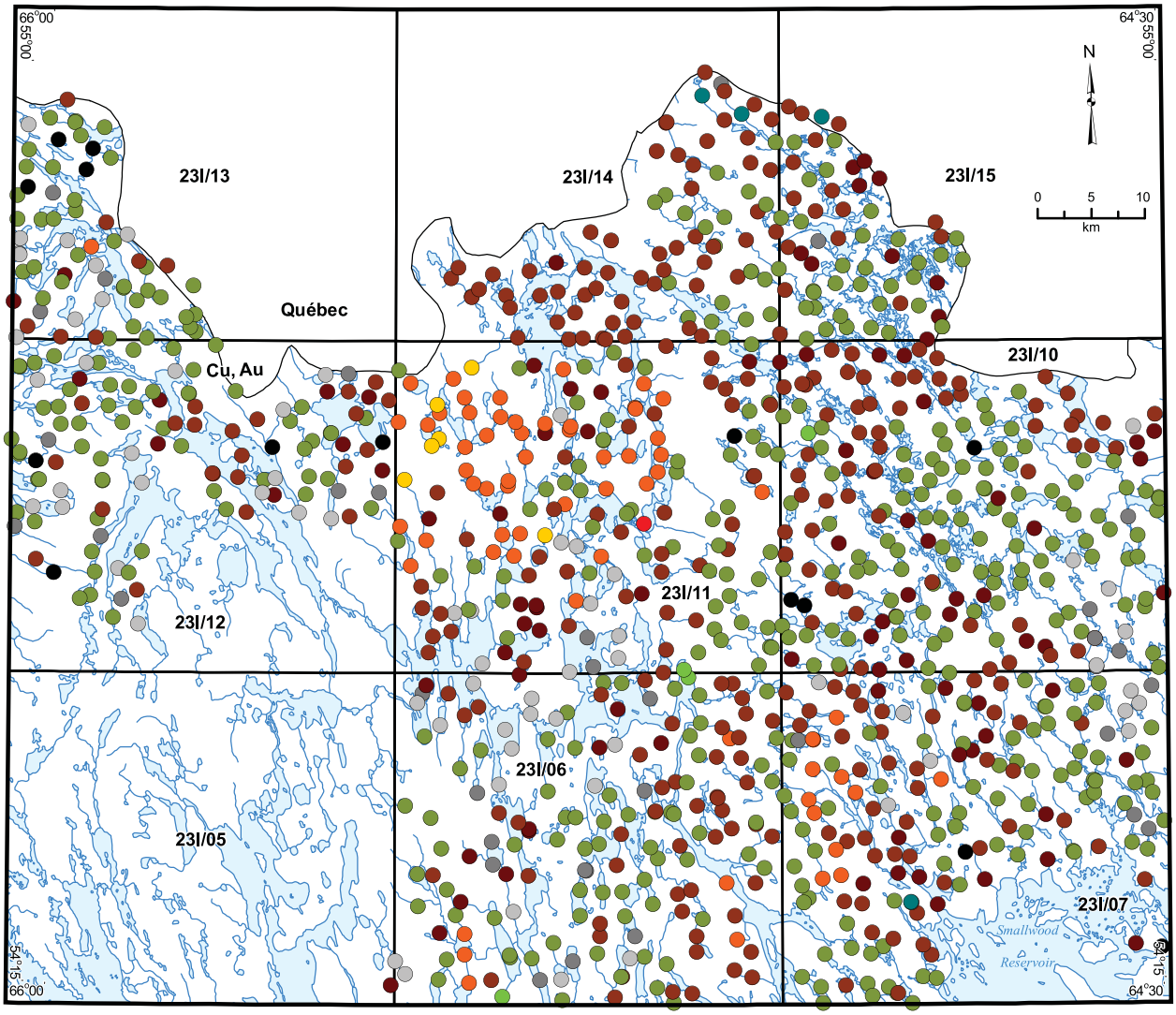


Figure 7. *Areal distribution and frequency of occurrence of predominant shoreline vegetation types.*



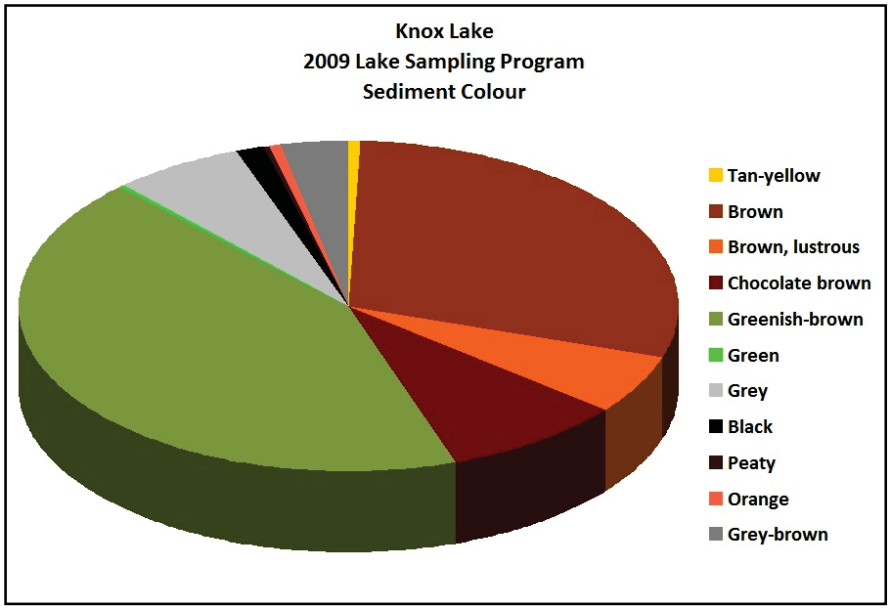


Figure 8. *Areal distribution and frequency of occurrence of sample colour.*

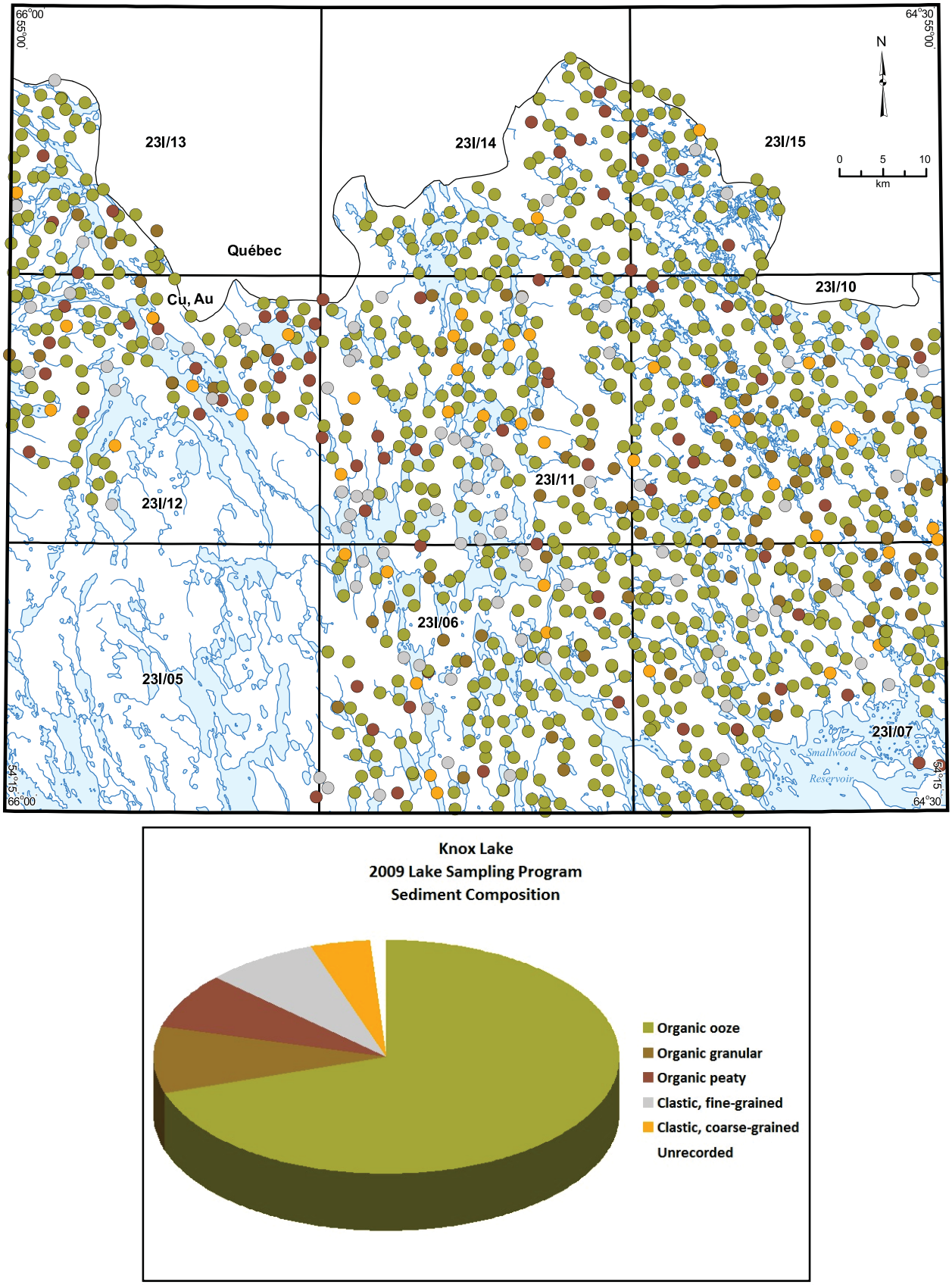


Figure 9. *Areal distribution and frequency of occurrence of sample composition.*

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; application of these criteria resulted in the exclusion (in alphabetical order) of Ag6, As1, Au1, Cs1, Eu1, Hf1, Mo1, Mo2, Rb1, Rb2, Sb1, Se1, Ta1, Tb1, W1 and Zr1 from the sediment analyses, and Bew2,

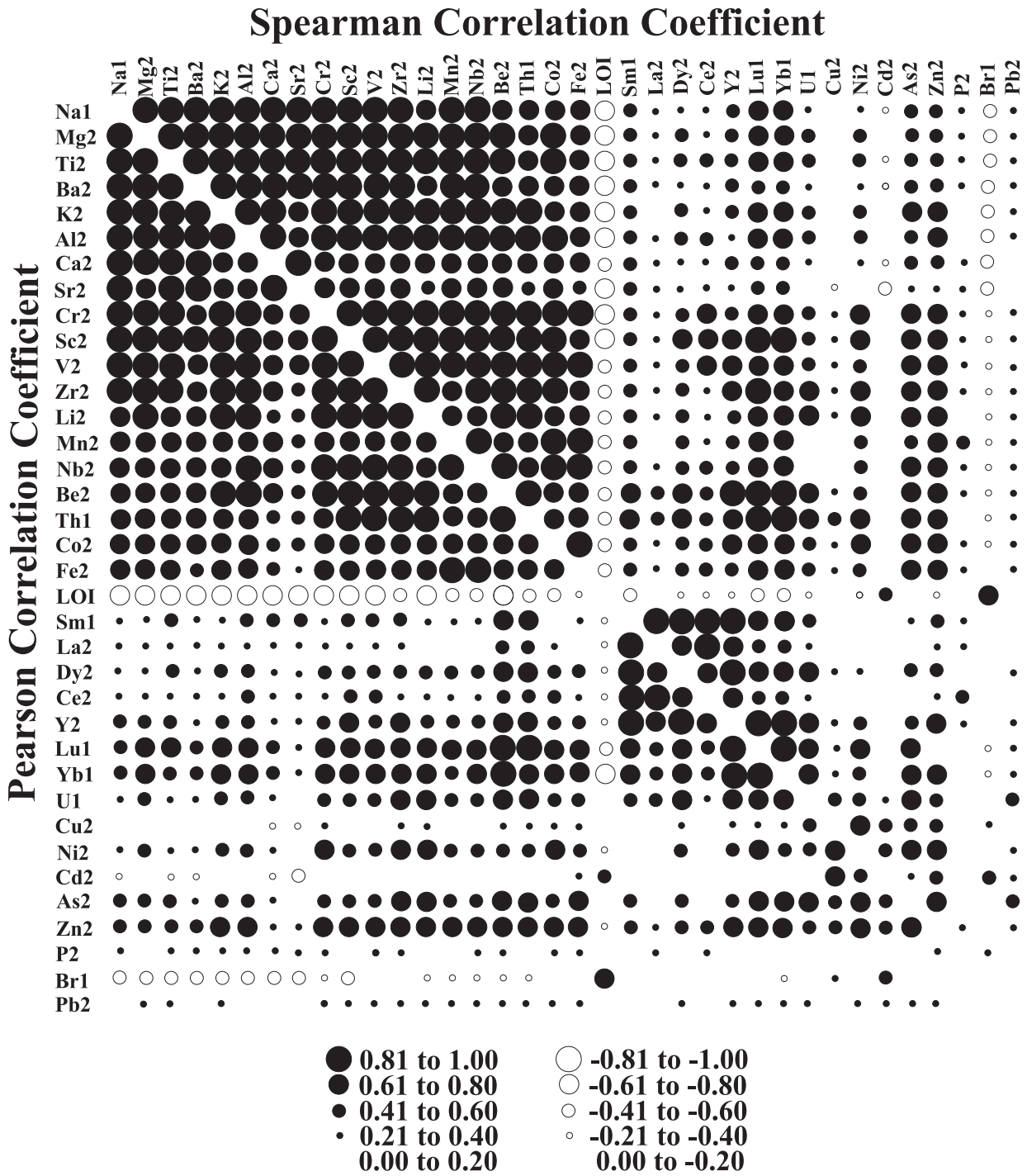


Figure 10. *Correlation matrix for lake-sediment data.*

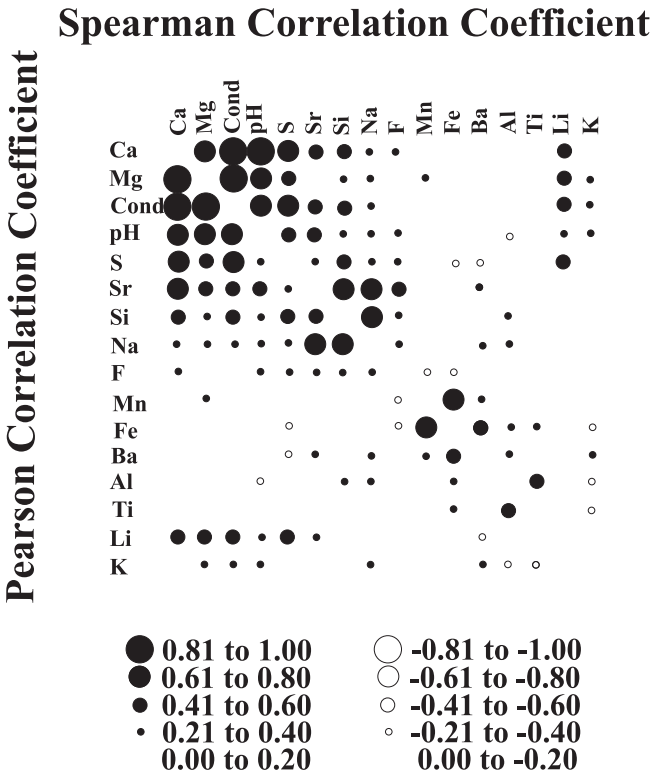


Figure 11. *Correlation matrix for lake-water data.*

Cdw2, Cow2, Crw2, Cuw2, Mow2, Niw2, Pw2, Pbw2, Uw3, Vw2, Yw2 and Znw2 from those of the waters. Furthermore, only one suite of analyses of each element analyzed by both methods was included in the calculations, and this resulted in the exclusion of Ba1, Ce1, Co1, Cr1, Fe1, La1, Na2, Sc1 from the sediment analyses.

In Figures 10 and 11, the lower left 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), while the Spearman correlation coefficients are displayed in the upper right. With the aid of output from r-mode factor analysis (*e.g.*, Davis, 1973), the elements are grouped in such as way as to emphasize their intercorrelations, where present.

These associations are as follows:

- Na1, Mg2, Ti2, Ba2, K2, Al2, Ca2, Sr2, Cr2, Sc2, V2, Zr2, Li2, Mn2, Nb2, Be2, Th1, Co2 and Fe2, correlated oppositely to LOI
- Sm1, La2, Dy2, Ce2, Y2, Lu1, Yb1 and U1
- Cu2, Ni2, Cd2, As2 and Zn2
- P2 and Br1
- Pb2

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

- Ca, Mg, Conductivity and Sr
- Si, Na, F and Sr
- Al and Ti
- Li
- K

ELEMENT DISTRIBUTION IN LAKE SEDIMENT AND WATER

Selected symbol plot maps of lake sediment and water geochemistry are displayed in the main body of the report (Figures 12–31), while the remainder comprise Appendices 2 and 3. The ele-

ments 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 cutpoints 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 1% 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.

The behaviour of selected elements is described below. In general, only one or two elements from each of the associations described above are described here, and the maps of their distribution included in the main body of the report; all remaining geochemical symbol maps are included in Appendices 2 and 3. Significant multi-element anomalies are described briefly in a later section.

Sediment Data

Sodium (Na1)

Sodium correlates strongly with Ti2 (Spearman correlation coefficient 0.97), Mg2 (0.95), Ba2 (0.94), K2 (0.93), Al2 (0.93), Ca2 (0.92) and Sr2 (0.91).

Values in the two uppermost of the six class intervals, as defined by Jenks' Optimization and denoted by red and orange symbols, are confined to the eastern two-thirds of the survey area, with a concentration of the former on the eastern contact of the tonalitic Unit ANtgn with the granitic Unit ANggn (Figure 12). The lowest Na1 values are conspicuous over the area underlain by Labrador Trough rocks in the northwest, and over the Proterozoic granite rocks P2cg, and (especially) P2g in the east.

Iron (Fe2)

The strongest correlations with iron are those of Nb2 (Spearman correlation coefficient 0.94), Co2 (0.88), Mn2 (0.88), V2 (0.84), Cr2 (0.82), Sc2 (0.80) and Zr2 (0.78).

As might be expected, most of the samples from the uppermost two classes are concentrated over rocks of the Labrador Trough (Figure 13). Moreover, samples classed in the uppermost interval (red symbols) are concentrated over the mafic intrusive and extrusive rocks in the north, whereas those represented by orange symbols (and some that returned lower values) were collected over iron formation and clastic sediments in the south. There is also a concentration of values in the second-highest class interval in the southwest of NTS map area 23I/11 and northwest of 23I/06, although with the exception of Woods Lake itself, these samples are interspersed with those returning lower values. Iron values from samples collected east of the Archean–Proterozoic divide, in the east of 23I/06, 23I/11 and 23I/14, are generally lower than to the west of it.

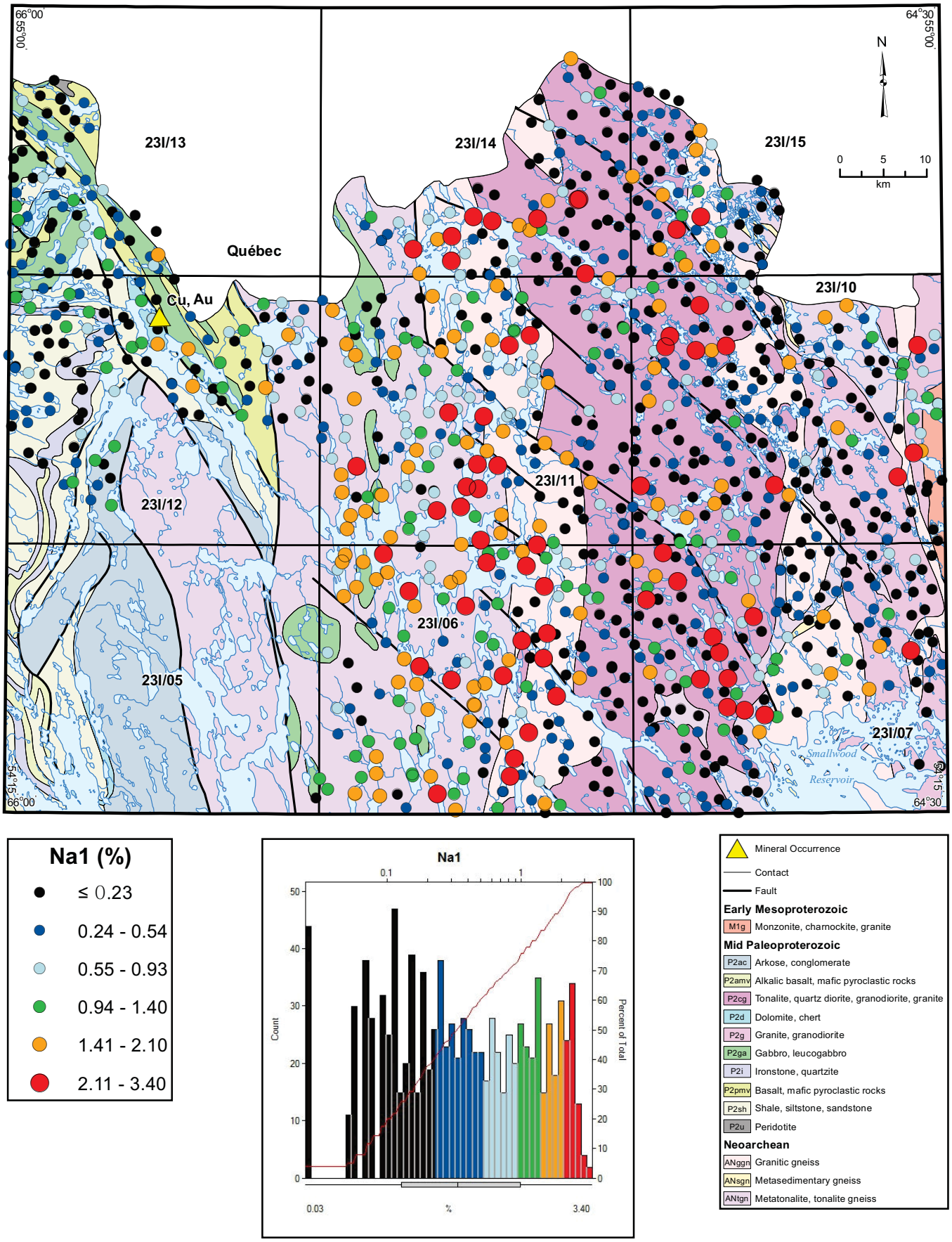
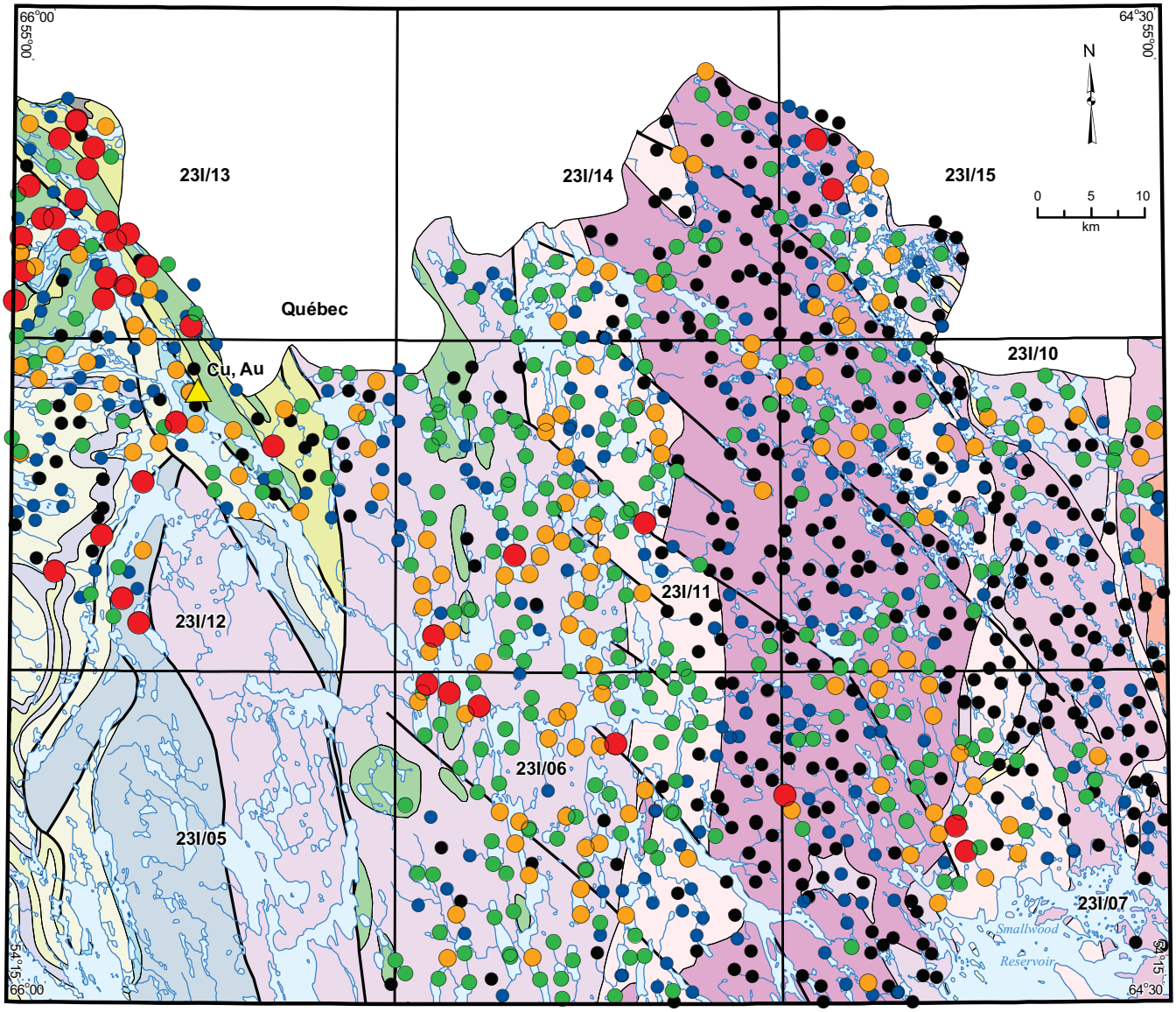
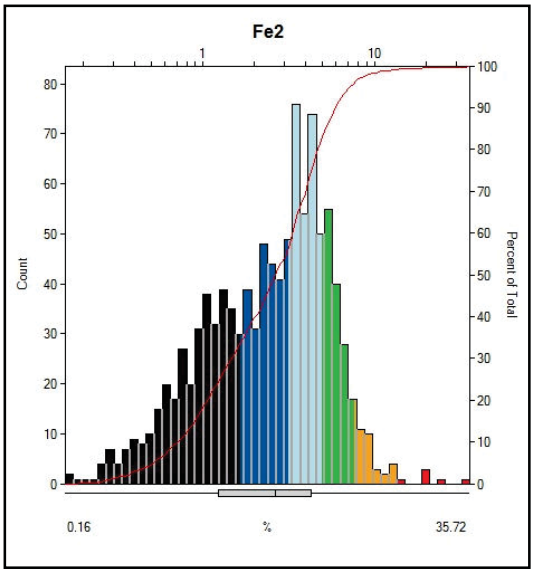


Figure 12. *Sodium (Na1) in lake sediment.*



Fe2 (%)

- ≤ 1.67
- 1.68 - 3.18
- 3.19 - 4.96
- 4.97 - 7.62
- 7.63 - 35.72



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g Monzonite, charnockite, granite

Mid Paleoproterozoic

- P2ac Arkose, conglomerate
- P2amv Alkalic basalt, mafic pyroclastic rocks
- P2cg Tonalite, quartz diorite, granodiorite, granite
- P2d Dolomite, chert
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 13. *Iron (Fe2) in lake sediment.*

Manganese (Mn2)

This element's strongest correlations are with Co2 (Spearman correlation coefficient 0.89), Nb2 (0.89), Fe2 (0.88), Mg2 (0.85) and Cr2 (0.85).

Considering the environmental factors that can give rise to Mn enrichment in lake sediments, high and low values of this element show a surprising degree of spatial coherence (Figure 14). Almost all of the values in the upper two class intervals are concentrated in the western half of the map, with concentrations over the Labrador Trough rocks (with no strong difference between the north and south), and over Woods Lake and the lakes to the west and south on NTS map areas 23I/11 and 23I/06.

Loss-on-Ignition (LOI)

This parameter shows positive correlation with Br1 (Spearman correlation coefficient 0.74) and Cd2 (0.42), and is negatively correlated with most other elements, notably Al2 (-0.71), Ti2 (-0.69), K2 (-0.69), Na2 (-0.68), Mg2 (-0.68), Ba2 (-0.67) and Sc2 (-0.67).

The Loss-on-Ignition content of the lake sediments would not be expected to have any direct relationship to the presence of mineralization, or indeed to bedrock geology, unless the latter had a major influence on topography; Figure 15 shows that this is indeed the case.

Samarium (Sm1)

Samarium correlates strongly with La2 (Spearman correlation coefficient 0.91), Dy2 (0.87), Ce2 (0.87) and Y2 (0.87). Correlations with the heavy REE Lu1 (0.72) and Yb1 (0.69) are less strong, and comparable to the non-REE Be2 (0.71) and Th1 (0.68).

Other than a few samples in the uppermost two class intervals over the Labrador Trough (overlying the clastic sedimentary Unit P2st), the highest Sm1 values are strongly concentrated in the east of the survey area on NTS map areas 23I/07 and 23I/10, particularly the former (Figure 16). Most of the values in the uppermost class interval (red symbols) were collected over Unit P2g (mid Paleoproterozoic granite and granodiorite) near the contact with the monzonitic Michikamats Intrusion to the east.

Yttrium (Y2)

Correlations are strongest for Y2 with Dy2 (Spearman correlation coefficient 0.94), Sm1 (0.87), Lu1 (0.86), Yb1 (0.82) and Be2 (0.82). Those with La2 (0.74) and Ce2 (0.70) are less strong, and comparable with those of the non-REE Th1 (0.77) and U1 (0.72).

Concentrations of samples returning Y2 values from the upper two class intervals are concentrated to the southwest and (to a somewhat lesser degree) the northwest of the Michikamats Intrusion, in the east on NTS map areas 23I/07 and 23I/10, respectively (Figure 17). However, such samples are concentrated most conspicuously over rocks of the Labrador Trough in the

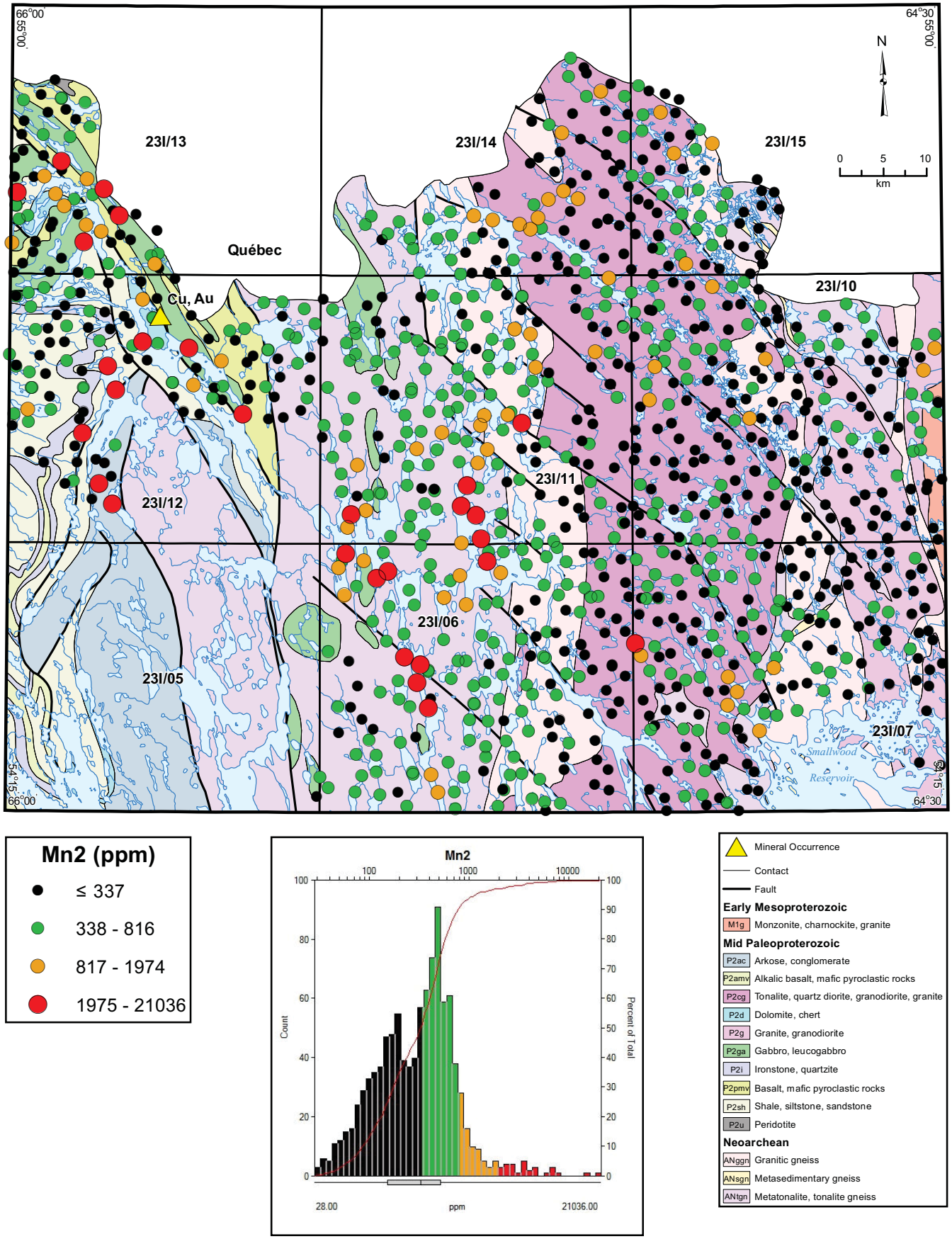


Figure 14. *Manganese (Mn2) in lake sediment.*

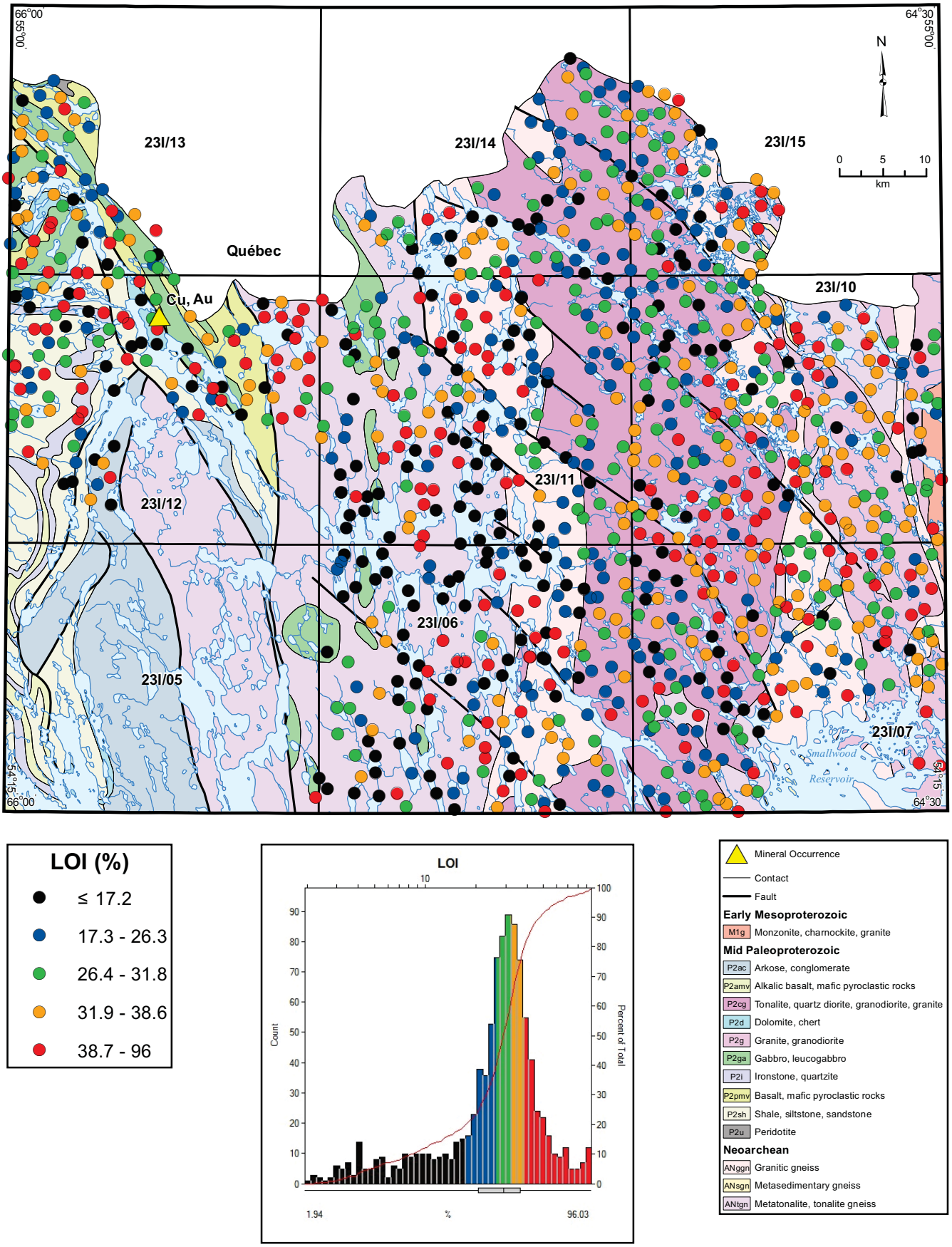


Figure 15. *Loss-on-ignition (LOI) in lake sediment.*

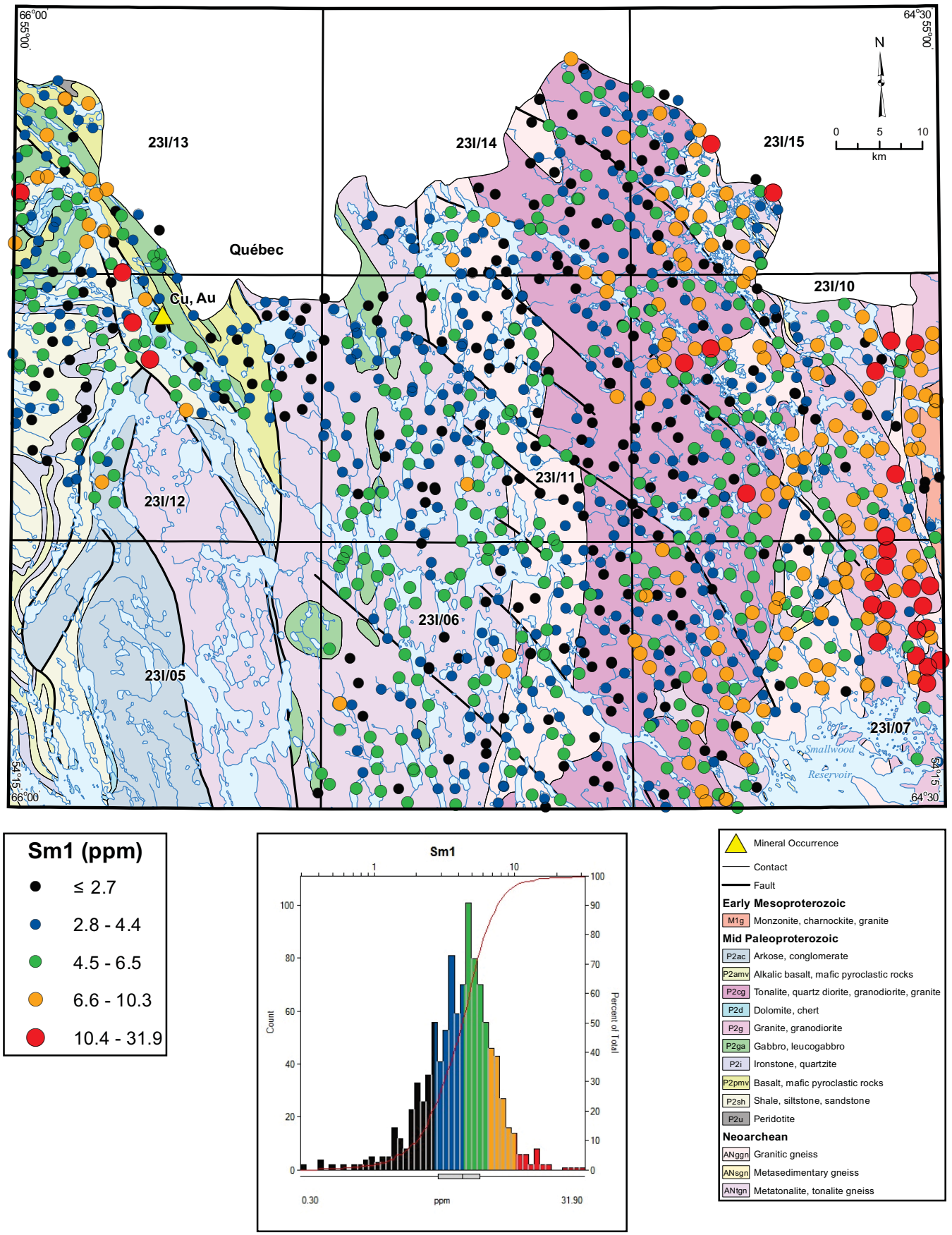


Figure 16. *Samarium (Sm1) in lake sediment.*

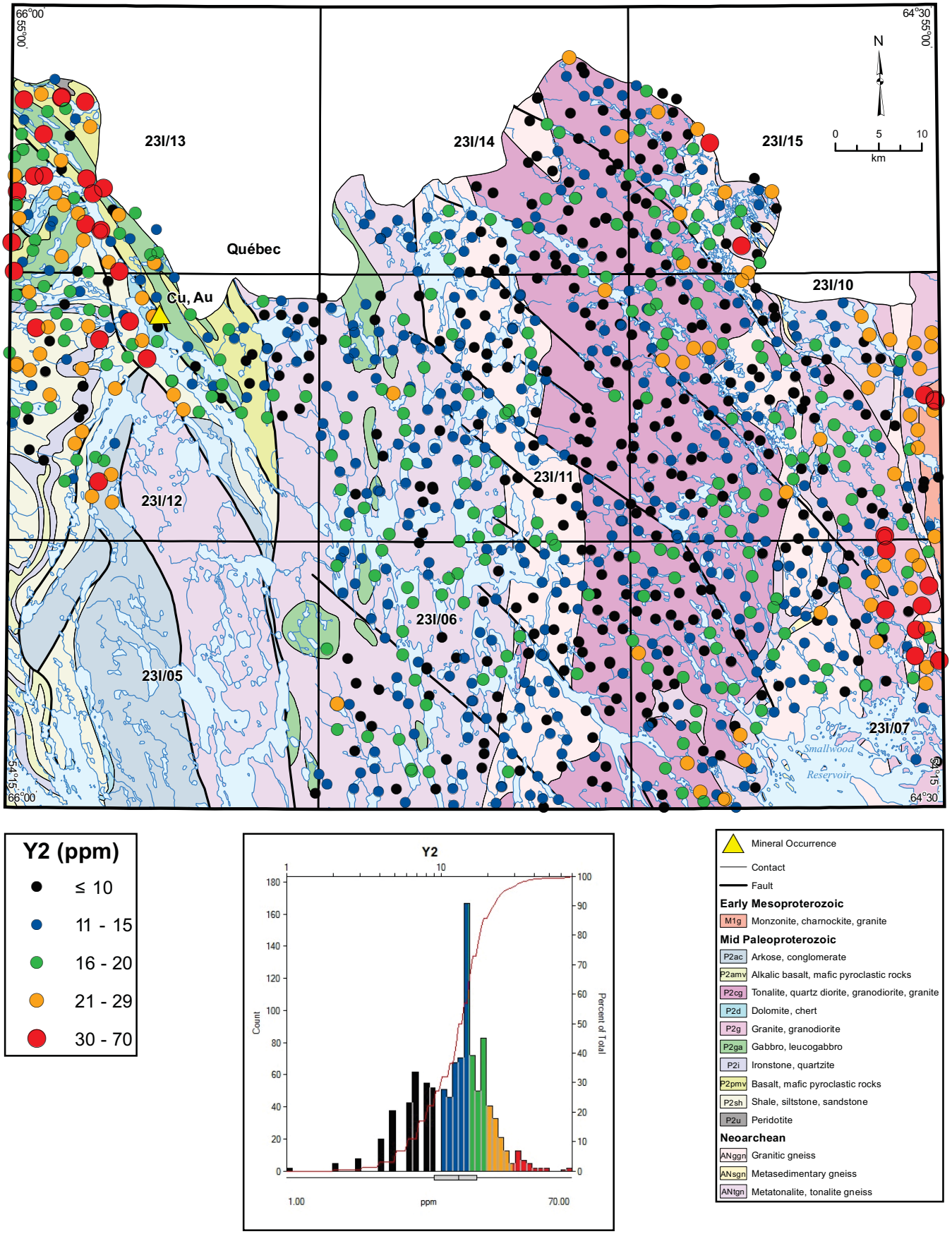


Figure 17. *Yttrium (Y2) in lake sediment.*

northwest (in interesting contrast to the behaviour of Sm1), with the majority of the former concentrated in the north.

Uranium (U1)

Uranium correlates most strongly with Th1 (Spearman correlation coefficient 0.78), Lu1 (0.76), As2 (0.74), Yb1 (0.72), Y2 (0.72) and Be2 (0.72).

Samples with values in the uppermost two class intervals, interspersed with lower values, are concentrated most conspicuously over rocks of the Labrador Trough, and are largely absent from areas underlain by the Neoarchean tonalite and granite units ANtgn, and ANggn (Figure 18). There are concentrations of such samples to the northwest and southwest of the Michikamats intrusion in the east; congruent with the features defined by Sm1 and Y2. However, unlike the REE, the stronger U1 response is seen in the former concentration, on NTS map area 23I/10.

Uranium values in the lowermost class interval were from samples collected over Unit P2cg (the De Pas Batholith). The majority of samples collected over the Neoarchean units to the west returned values that, while still relatively low, fall into higher class intervals; and there is a local maximum (green symbols surrounded by dark blue symbols) surrounding Woods Lake on NTS map areas 23I/06 and 23I/11.

Nickel (Ni2)

Nickel's strongest correlations are with Cu2 (Spearman correlation coefficient 0.77), Zn2 (0.74), Li2 (0.73), As2 (0.73) and Cr2 (0.70).

Samples with values in the uppermost and second class intervals are almost entirely concentrated over rocks of the Labrador Trough, with the majority of the former concentration over the mafic rocks in the north (Figure 19). The boundary between Neoarchean and Proterozoic rocks on NTS map areas 23I/06, 23I/11 and 23I/14 is marked by a contrast between values in the lowest class interval (black symbols) over the latter, and slightly higher values (green and dark blue symbols) over the former.

Arsenic (As1)

Arsenic's correlations are strongest with U1 (Spearman correlation coefficient 0.74), Ni2 (0.73), Th1 (0.72), Zr2 (0.71), Li2 (0.71), Zn2 (0.70) and Lu1 (0.70).

Samples containing As1 values that do not fall into the lowest class interval are almost entirely restricted to areas underlain by the Neoarchean tonalitic Unit ANtgn and by rocks of the Labrador Trough (Figure 20). Over the former, there are restricted, and dilute, concentrations of samples that returned values in the uppermost two class intervals over and to the northeast of Woods Lake on NTS map area 23I/11. In the latter case, such values are widespread with no apparent preference for the mafic volcanic and intrusive rocks in the north, or the sedimentary rocks in the south.

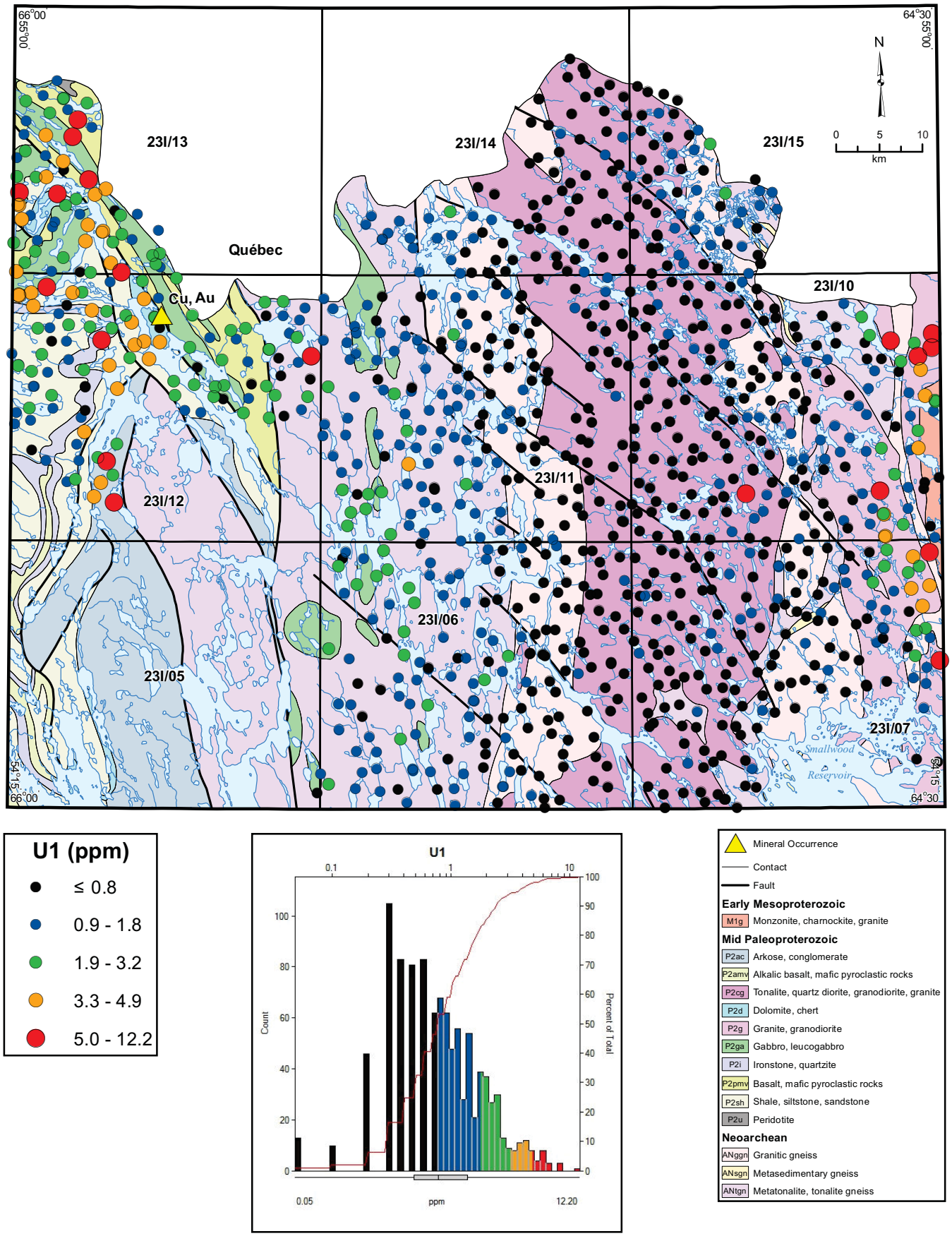


Figure 18. *Uranium (U1) in lake sediment.*

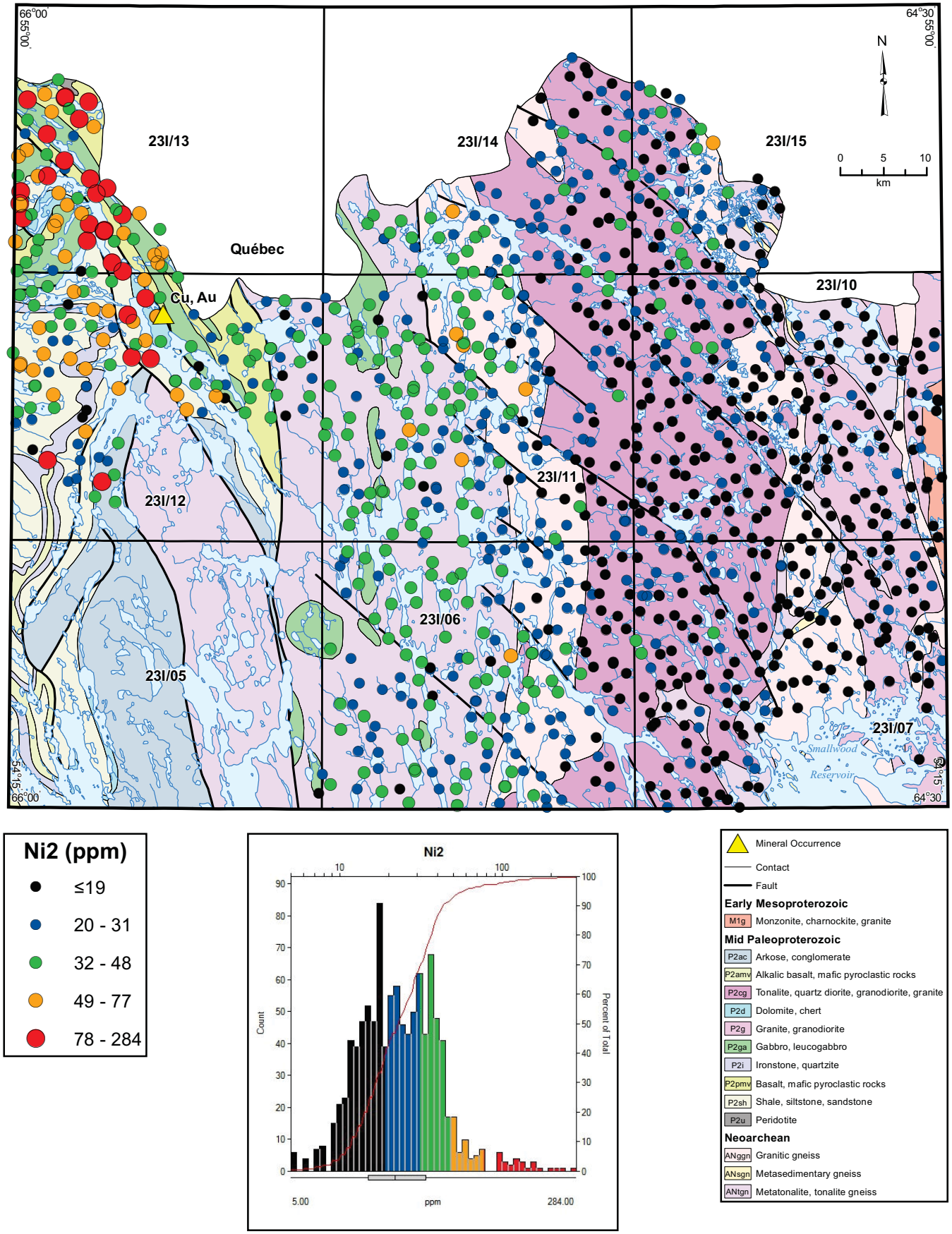


Figure 19. *Nickel (Ni2) in lake sediment.*

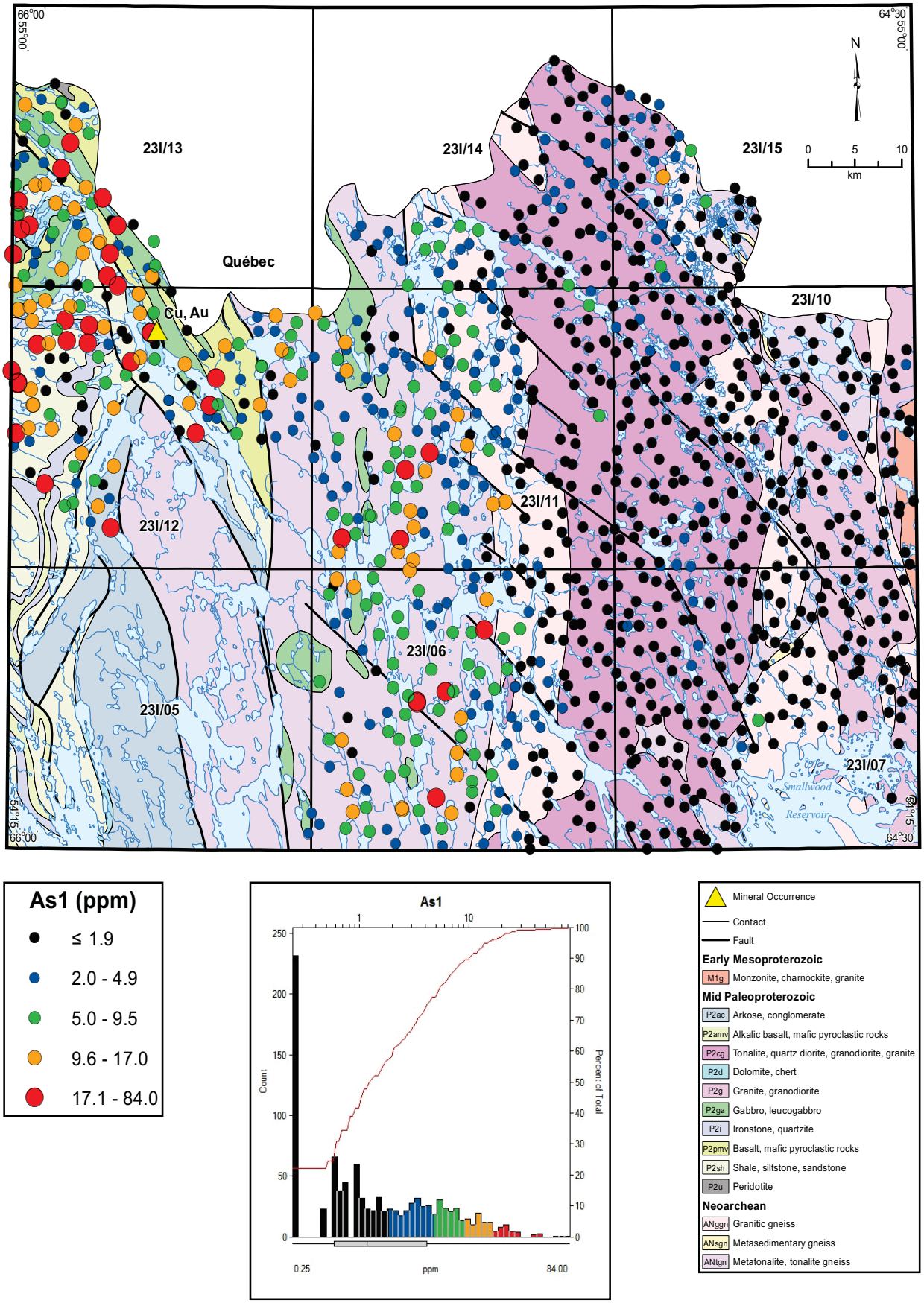


Figure 20. *Arsenic (As1) in lake sediment.*

Phosphorus (P2)

This element displays no strong correlations, the strongest being with Ce2 (Spearman correlation coefficient 0.43) and Mn2 (0.42)

With the exception of a few values from the second class interval (orange symbols) over the northern (mafic) portion of the Labrador Trough rocks, values of phosphorus that do not fall into the lowermost class interval are concentrated east of the contact between the Neoarchean tonalitic Unit ANtgn, and the Neoarchean granitic gneiss Unit ANggn (Figure 21). Over Unit P2cg (the De Pas Batholith) a concentration of samples in the north (NTS map areas 23I/10, 23I/11 and 23I/14), returning values in the uppermost three classes, terminates sharply against a zone of much lower values along the line of a southeasterly-striking fault that also controls the orientation of Crossroads Lake, in the southeastern corner of NTS map area 23I/14.

Lead (Pb2)

Lead displays its strongest correlation with U1 (Spearman correlation coefficient 0.42) and As2 (0.42).

The highest Pb values concentrate over rocks of the Labrador Trough (Figure 22). With a few isolated exceptions, Unit P2cg (granite of the De Pas Batholith) is characterized by the lowest values, whilst somewhat higher values are apparent in the east (near the contact with the Michikamats Intrusion) and west (over the Neoarchean tonalitic Unit ANtgn).

Water Data

Calcium (Caw1)

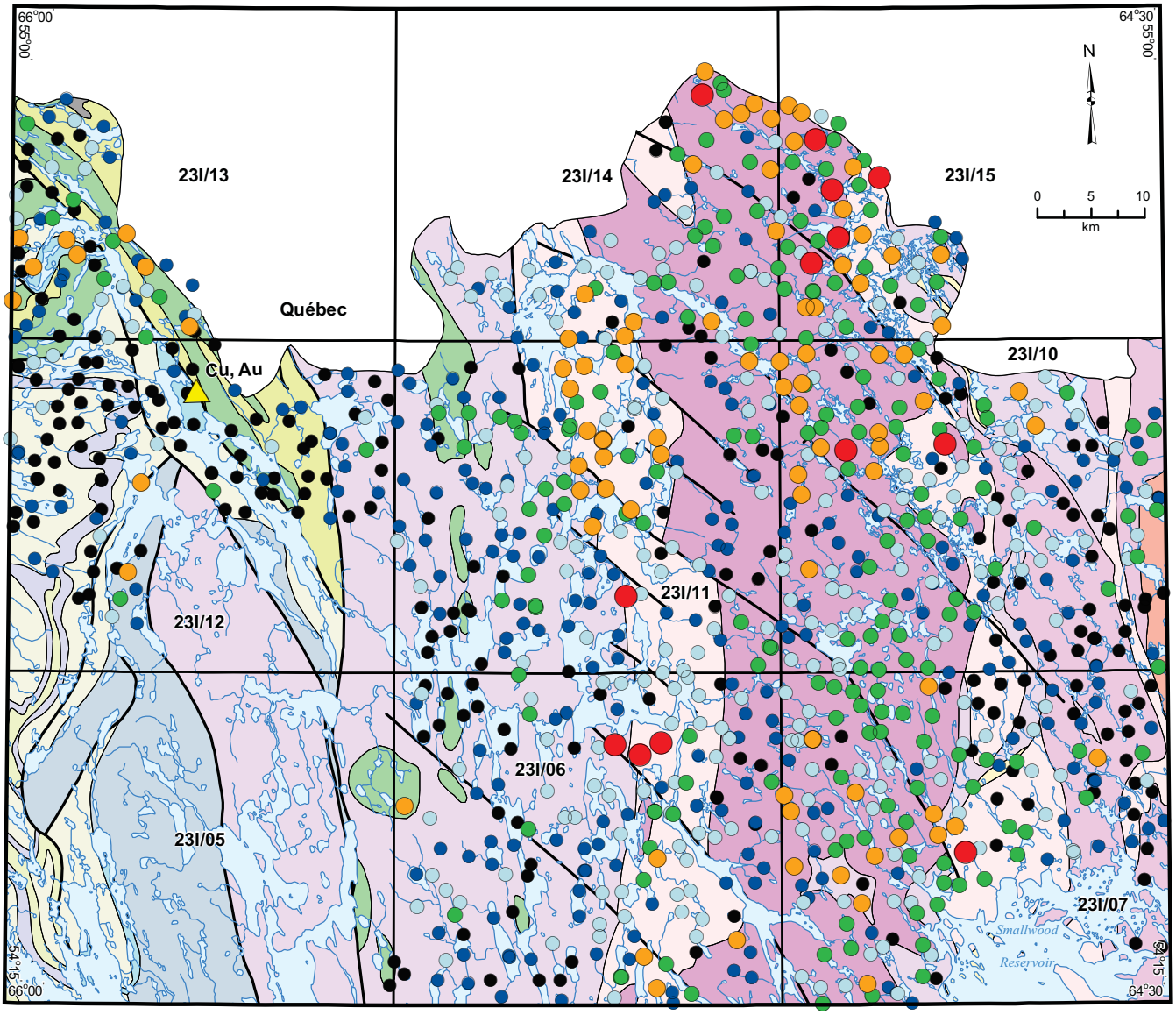
Calcium in water correlates most strongly with conductivity (Spearman correlation coefficient 0.88), pH (0.81) and Mgw1 (0.72).

All samples returning values of Caw1 that fall within the two uppermost class intervals were collected over rocks of the Labrador Trough in the northwest, with spatially more extensive accumulations in the south (Figure 23).

Elsewhere in the surveyed area, a local maximum is present in the east of NTS map areas 23I/07 and 23I/10, near the contact with the Michikamats Intrusion. The lowest values are associated with granite and granodiorite of the De Pas Batholith (P2cg).

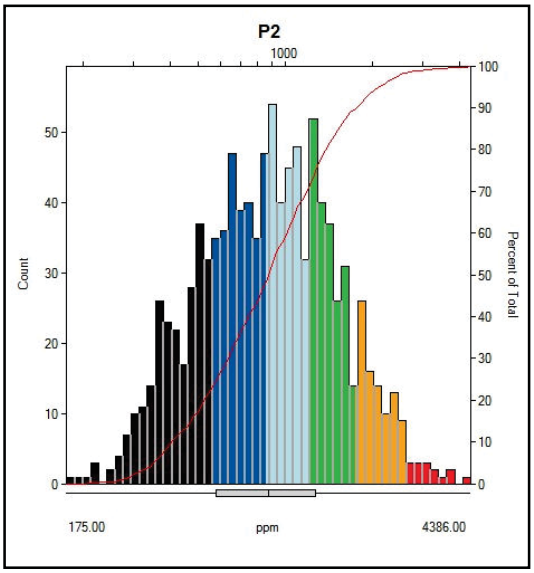
Sodium (Naw1)

Sodium is most strongly correlated with Srw2 (Spearman correlation coefficient 0.68) and Siw1 (0.61)



P2 (ppm)

- ≤ 560
- 561 - 863
- 864 - 1227
- 1228 - 1753
- 1754 - 2650
- 2651 - 4386



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g Monzonite, charnockite, granite

Mid Paleoproterozoic

- P2ac Arkose, conglomerate
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- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 21. *Phosphorus (P2) in lake sediment.*

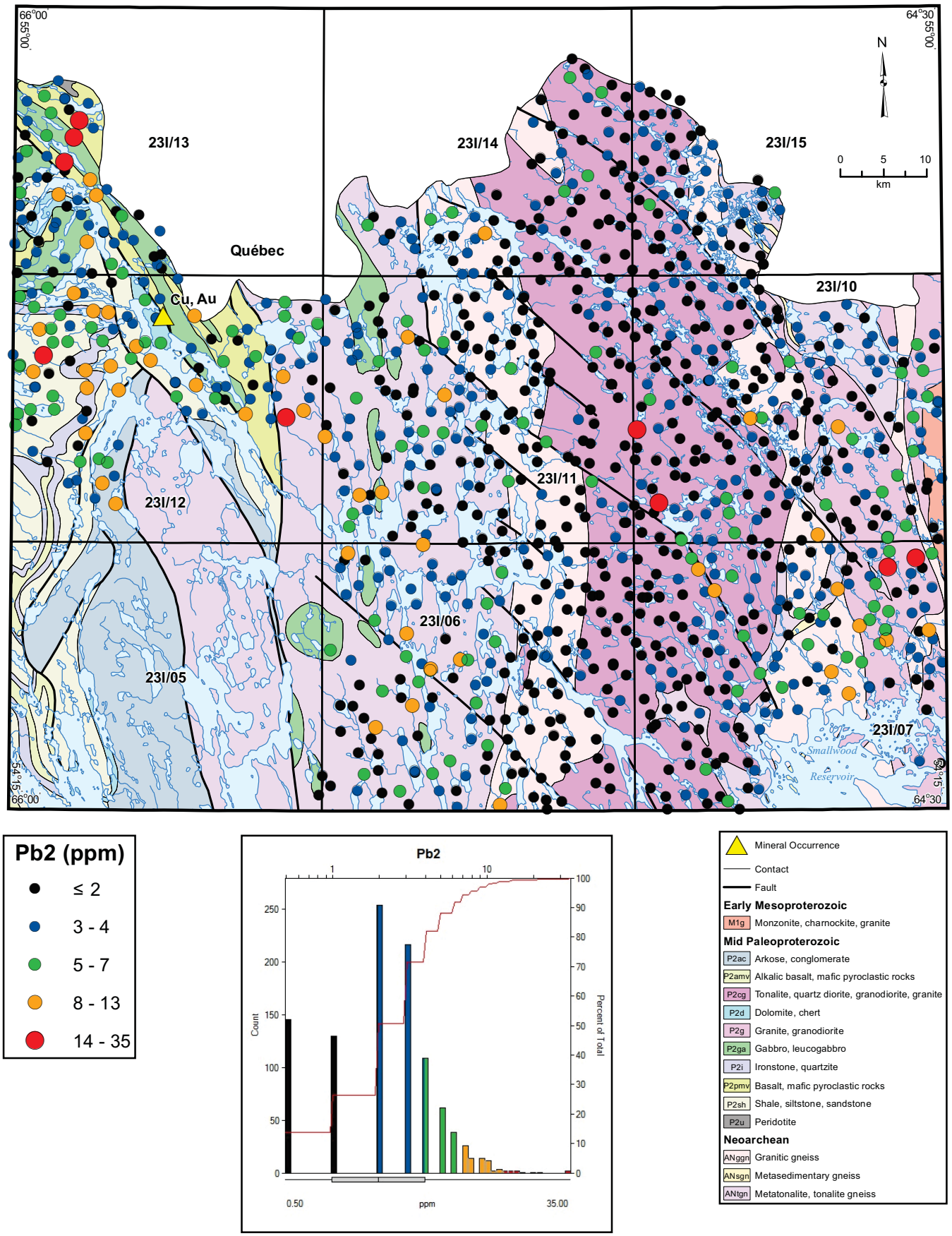


Figure 22. *Lead (Pb2) in lake sediment.*

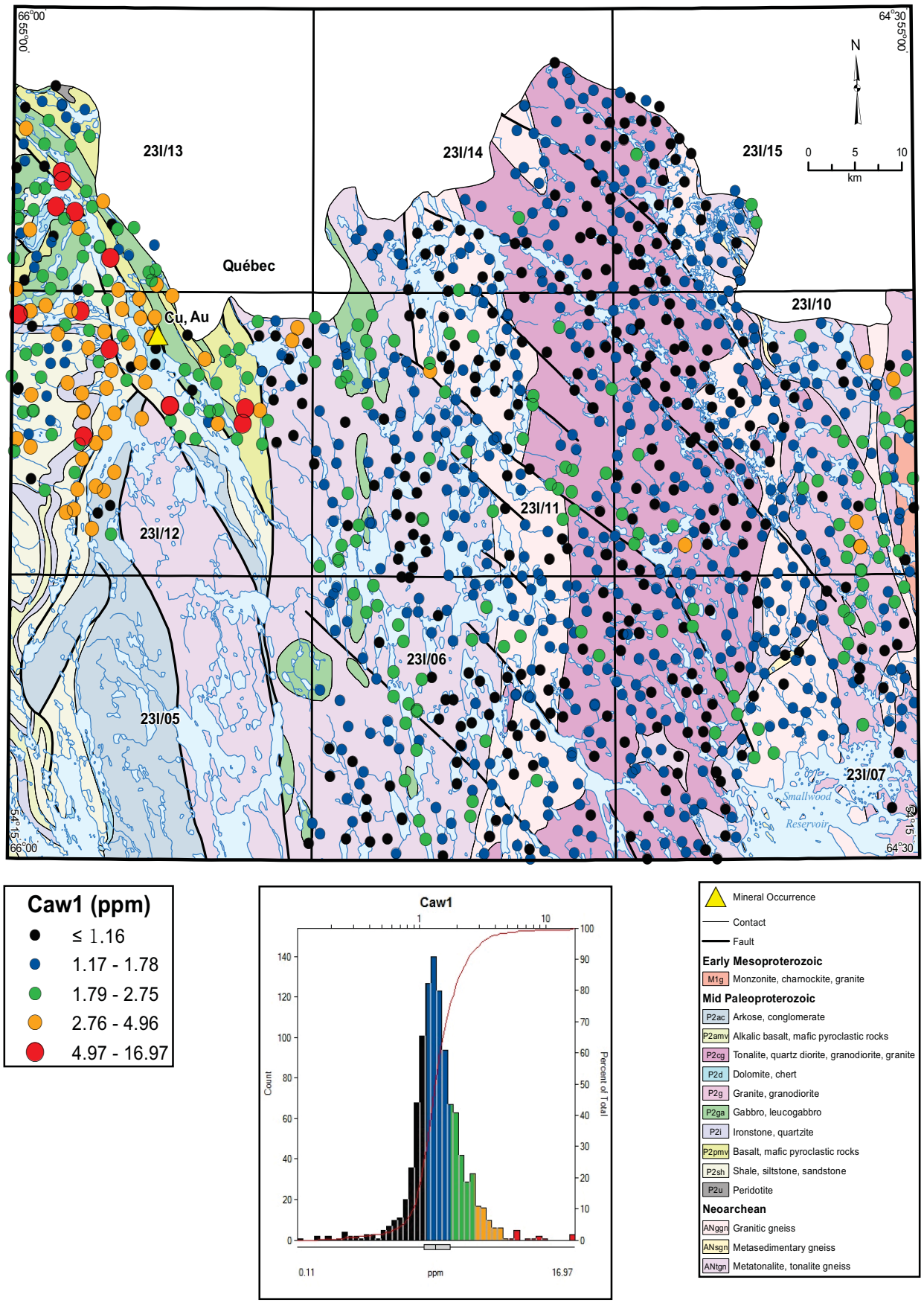


Figure 23. *Calcium (Caw1) in lake water.*

A very strong, homogeneous concentration of samples returning Naw1 values in the uppermost two class intervals is present in the west of NTS map area 23I/12, over mid Paleoproterozoic clastic sedimentary rocks (Unit P2st) and ironstone (Unit P2i) of the Labrador Trough (Figure 24). The western contact of the Proterozoic De Pas Batholith (Unit P2cg) with Neoarchean granitic gneiss (Unit ANggn) is marked by a sharp discontinuity, with Naw1 values generally much higher over the former unit. Values in the uppermost two class intervals do not, however, extend over the entire area mapped as being underlain by Unit P2g.

More restricted concentrations of Naw1 values in the uppermost two class intervals occur to the northwest of the Michikamats Intrusion on NTS map area 23I/10, and over an intrusion of gabbro (Unit P2ga) within tonalite in the northwest corner of NTS 23I/11.

Fluoride (Fw9)

Fluoride's strongest correlation is with Srw2 (Spearman correlation coefficient 0.46).

Samples returning Fw9 values in the uppermost two class intervals are generally restricted to the vicinity of the Michikamats Intrusion on NTS map areas 23I/07 and 23I/10 (Figure 25). The strongest Fw9 response, which would be expected to be related to REE enrichment in bedrock, does not correspond to local maxima of Sm1 or Y2.

Manganese (Mnw1)

The highest values of Mnw1, whose strongest Spearman correlation coefficient (0.60) is with Few1, are mainly concentrated in the west of the map area; that is, over units ANtgn, ANggn and particularly the Labrador Trough rocks (Figure 26). However, there are no well-defined, homogeneous concentrations of such values.

Aluminum (Alw2)

Aluminum in water correlates positively with Tiw2 (Spearman correlation coefficient 0.51) and negatively with pH (-0.35) and Kw2 (-0.35)

The most conspicuous aspect of the distribution of Alw2 is the concentration of low values, mostly in the lowermost class interval, over Neoarchean tonalitic rocks (Unit ANtgn; Figure 27). Over most of the rest of the survey area, samples returning values in the other three class intervals are intimately mixed. Exceptions occur over the southeast, and particularly over the extreme north, of the area underlain by Labrador Trough rocks, where the waters are conspicuously enriched in Alw1.

Lithium (Liw2)

Lithium correlates most strongly with conductivity (Spearman correlation coefficient 0.50), Caw1 (0.49), Mgw1 (0.46), Sw1 (0.41) and pH (0.39).

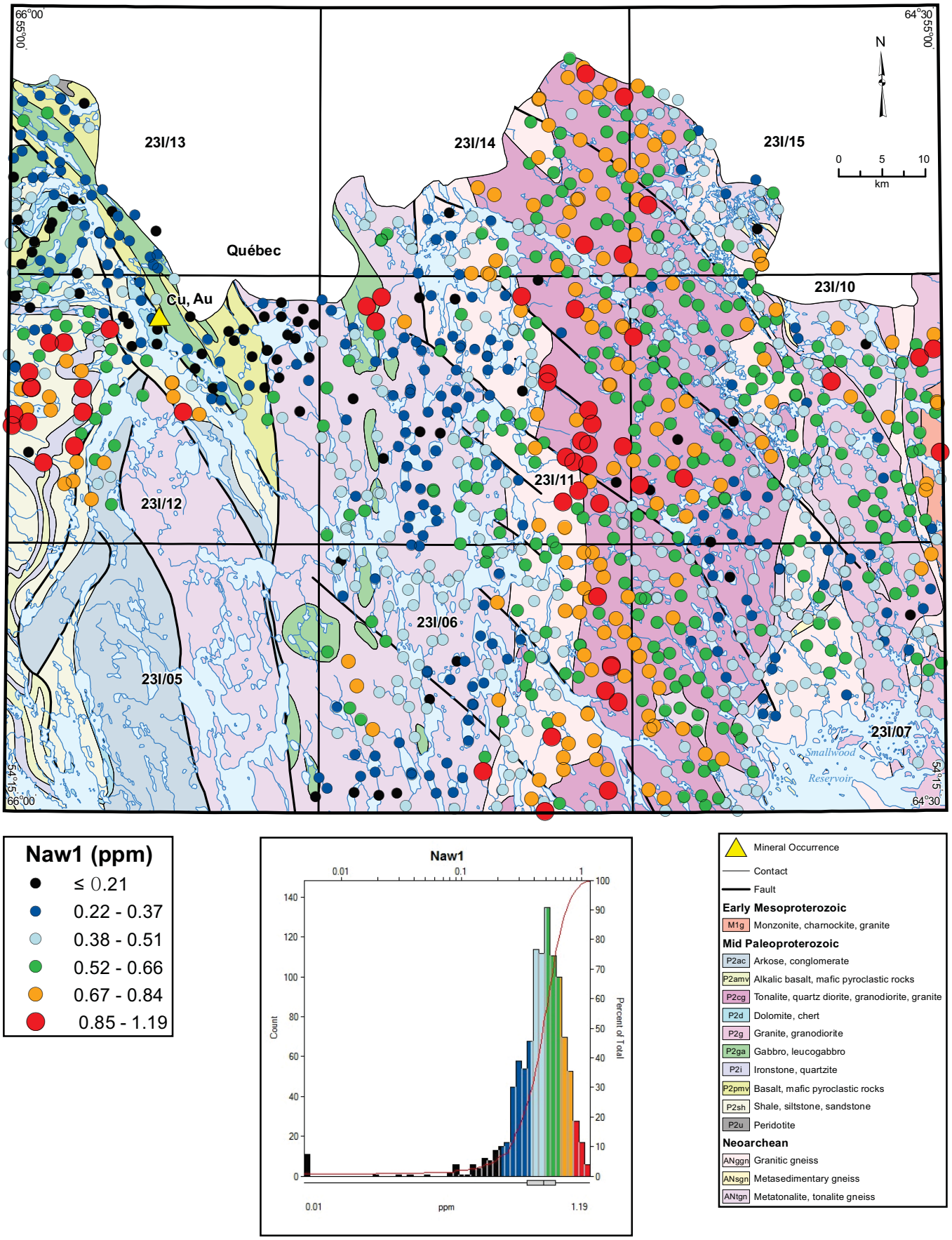


Figure 24. *Sodium (Naw1) in lake water.*

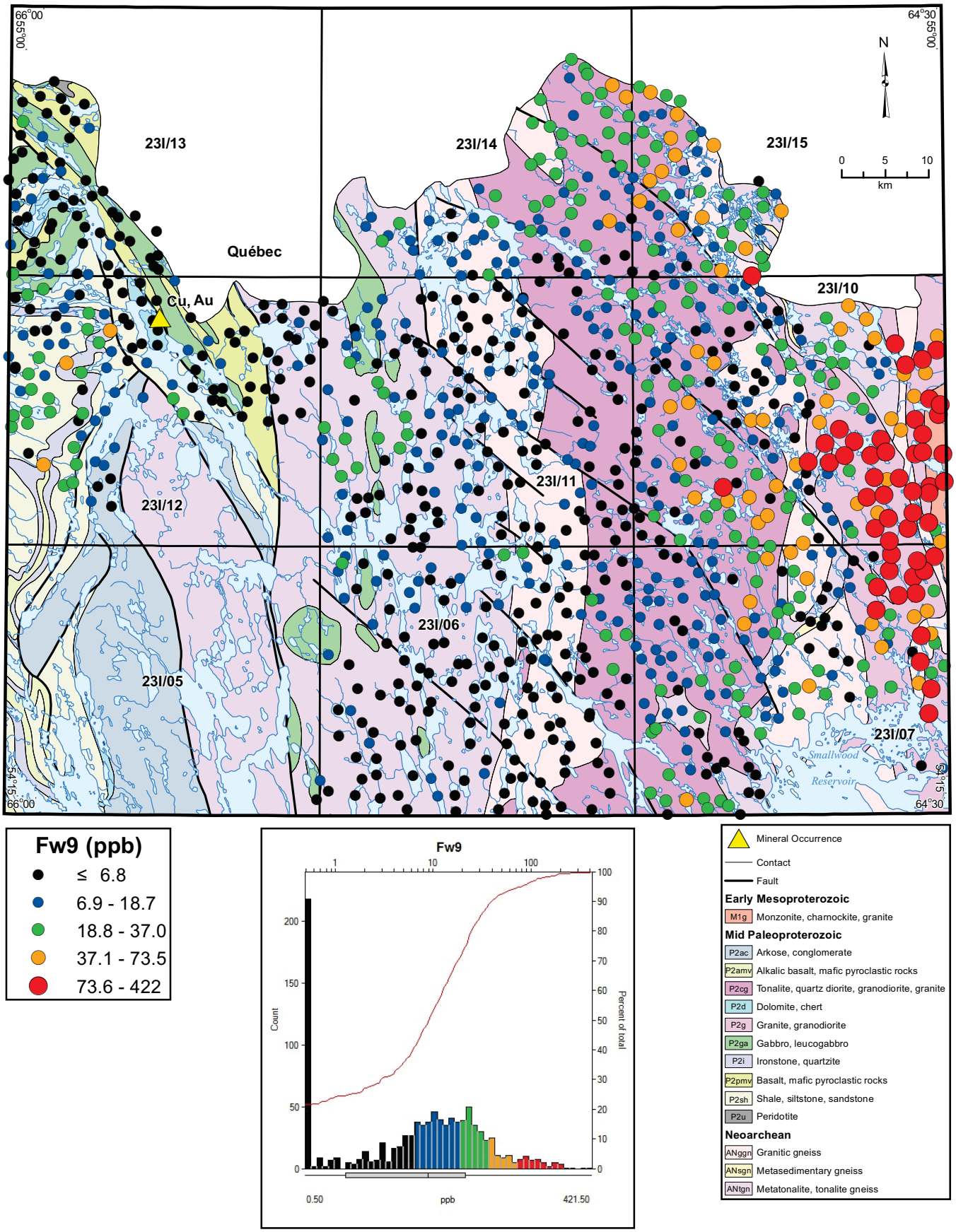


Figure 25. *Fluoride (Fw9) in lake water.*

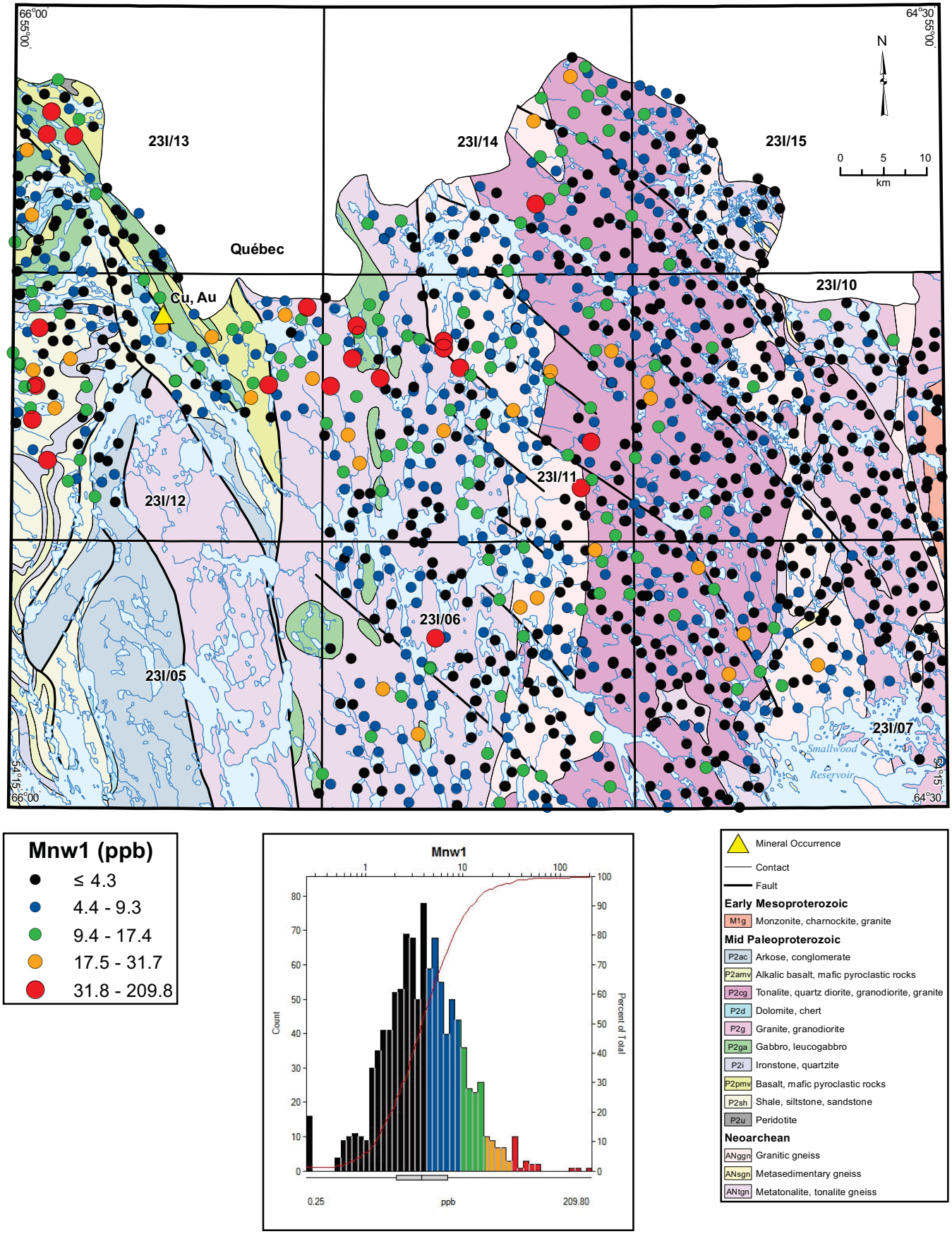


Figure 26. *Manganese (Mnw1) in lake water.*

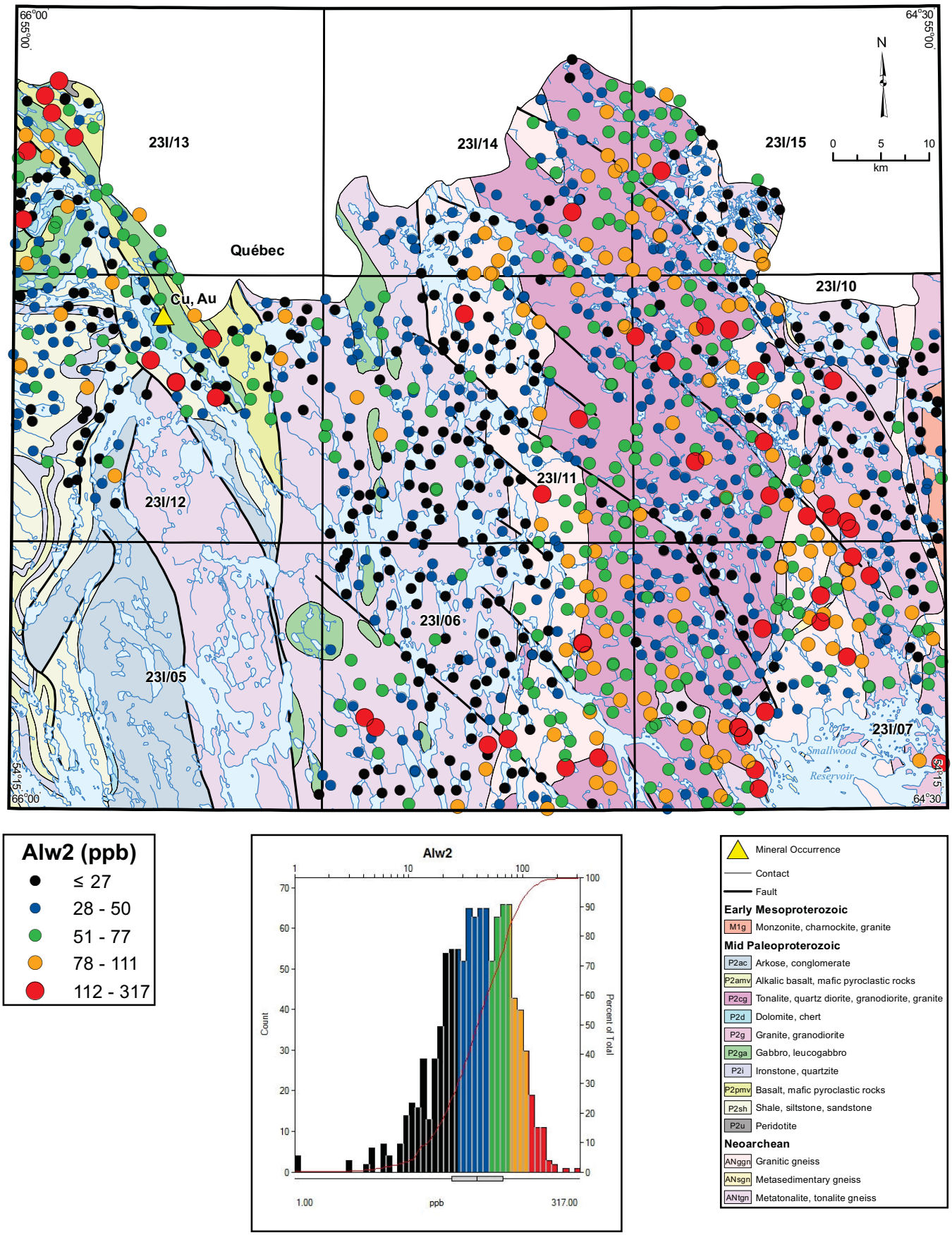


Figure 27. *Aluminum (Alw2) in lake water.*

Samples returning values of Liw2 in the uppermost two class intervals (red and orange symbols) were collected almost exclusively over rocks of the Labrador Trough in the west (Figure 28). The only exception consists of a concentration of values in the same range over the outcrop of the Michikamats Intrusion and its adjacent country rocks in the east on NTS map area 23I/10. Over the intervening area of intrusive and gneissic rocks, values in the lower class intervals are intermixed, with no significant local maxima or minima.

Potassium (Kw1)

This element's positive correlations are rather weak: pH (Spearman correlation coefficient 0.28), Mgw2 (0.24) and conductivity (0.23). The negative correlations with Tiw2 (-0.32) and Alw2 (-0.35) are slightly stronger.

There are few significant concentrations of samples returning values in the uppermost two class intervals. An exception occurs on NTS map area 23I/12, where these samples delineate rather precisely a unit of ironstone (Unit P2i) within the Labrador Trough sequence (Figure 29). Values of Kw1 are generally lower over granite of the De Pas Batholith (Unit P2g) than over the rock types to the east and west.

Uranium (Uw3)

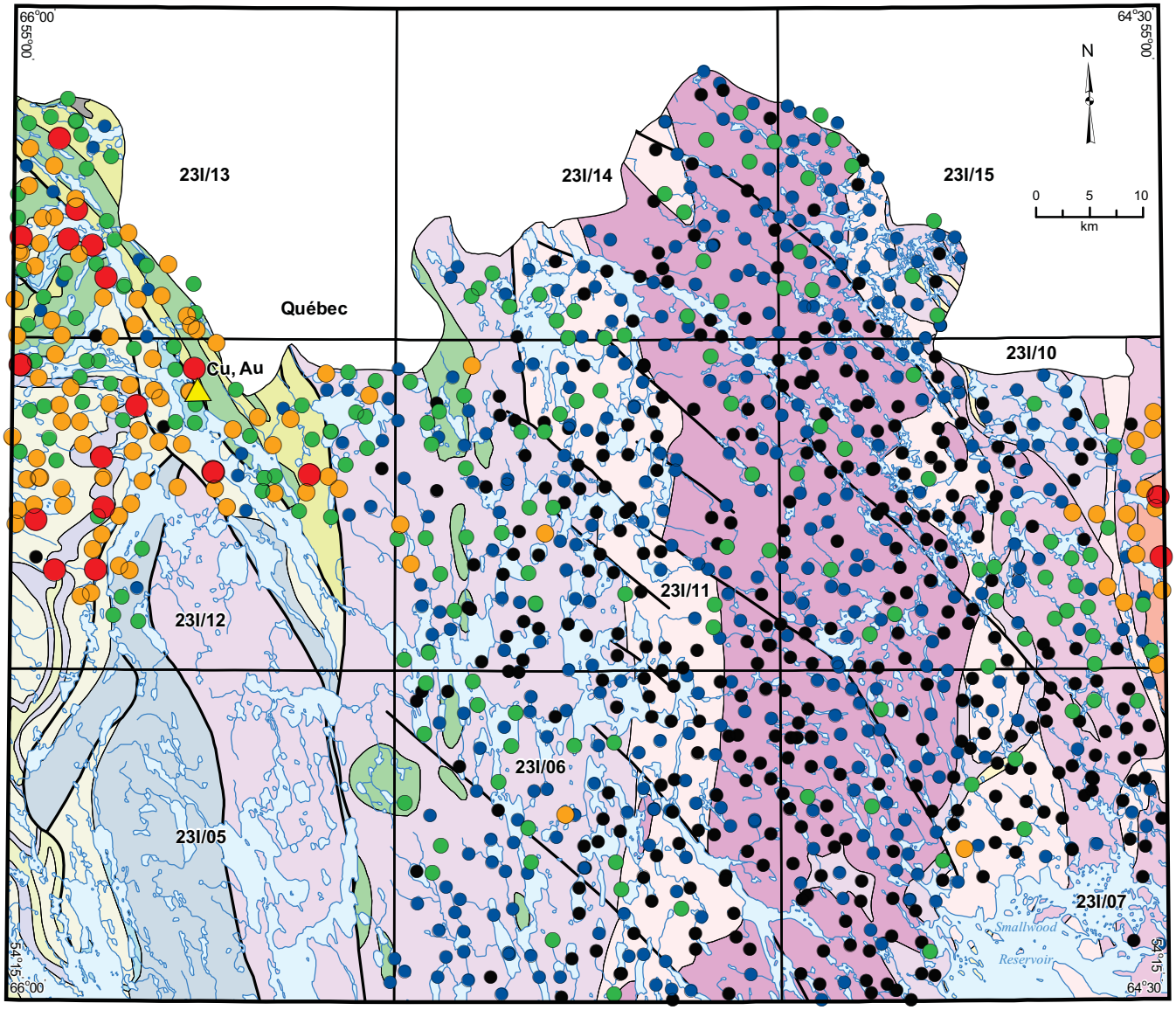
Most values of Uw3 in the uppermost two class intervals were obtained from samples collected over the Labrador Trough rocks (Figure 30). Exceptions occur in the northeast corner of NTS map area 23I/10, near the contact with the Michikamats Intrusion, and on NTS map area 23I/11 north of Woods Lake.

Yttrium (Yw2)

Samples returning Yw2 values in the uppermost two class intervals concentrate predominantly on NTS map areas 23I/07 and 23I/10, with a single promontory of red symbols extending onto the southeastern corner of 23I/11 (Figure 31). There is a general westerly decrease in the Yw2 content of the water, with samples returning values in the lowermost concentration range becoming numerous over the Neoarchean tonalitic unit ANtgn, and universal over the Labrador Trough rocks.

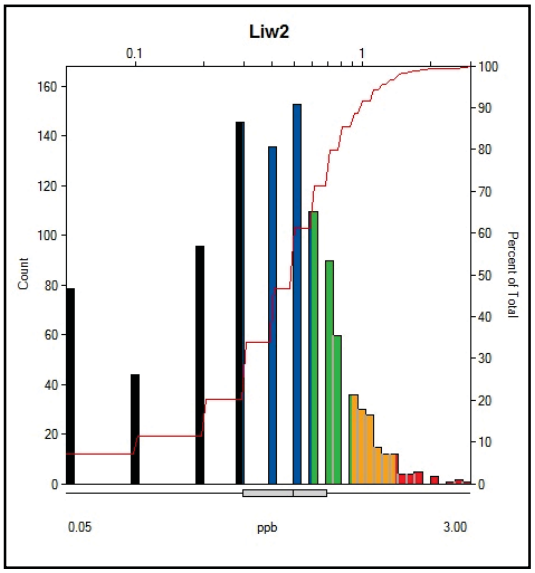
SOME IMPORTANT ANOMALIES

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. 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.



Liw2 (ppb)

- ≤ 0.3
- 0.4 - 0.6
- 0.7 - 0.9
- 1.0 - 1.4
- 1.3 - 3.0



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- P2sh Shale, siltstone, sandstone
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Neoarchean

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- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 28. *Lithium (Liw2) in lake water.*

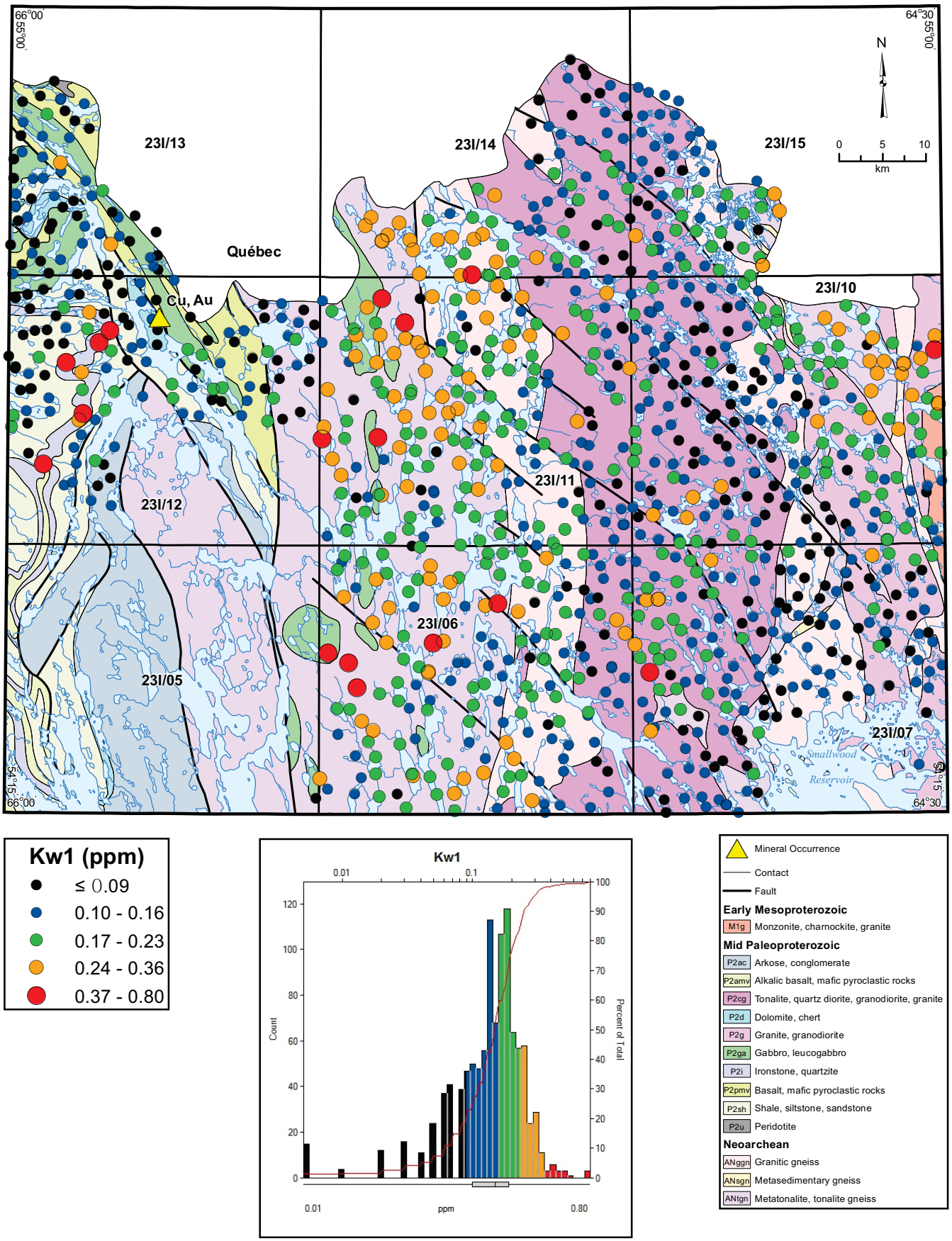
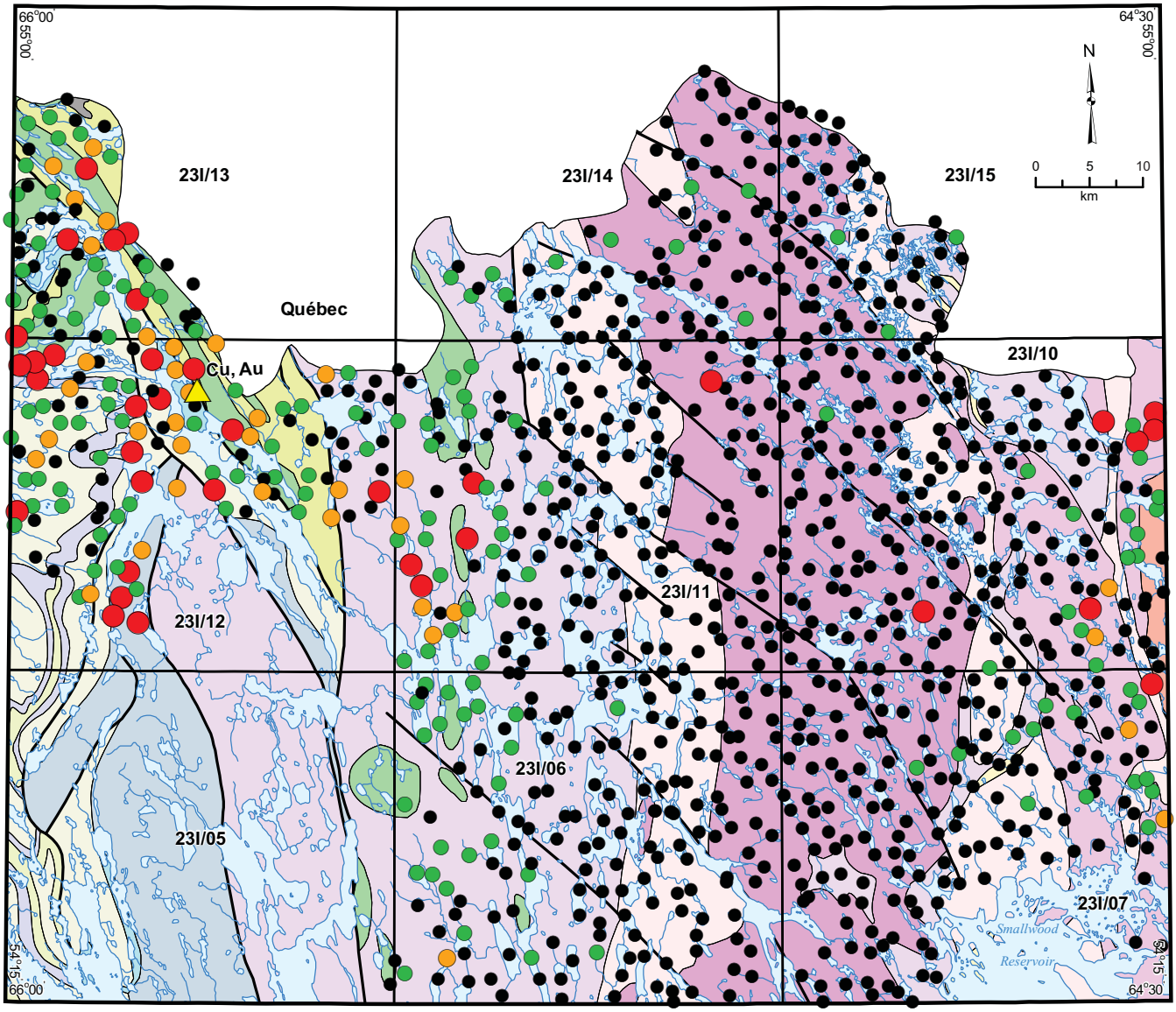
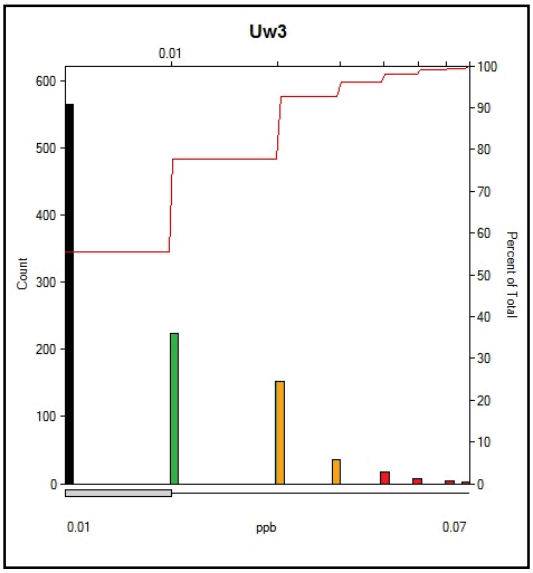


Figure 29. *Potassium (Kw1) in lake water.*



Uw3 (ppb)

- < 0.2
- 0.02
- 0.03
- 0.04 - 0.07



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- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

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

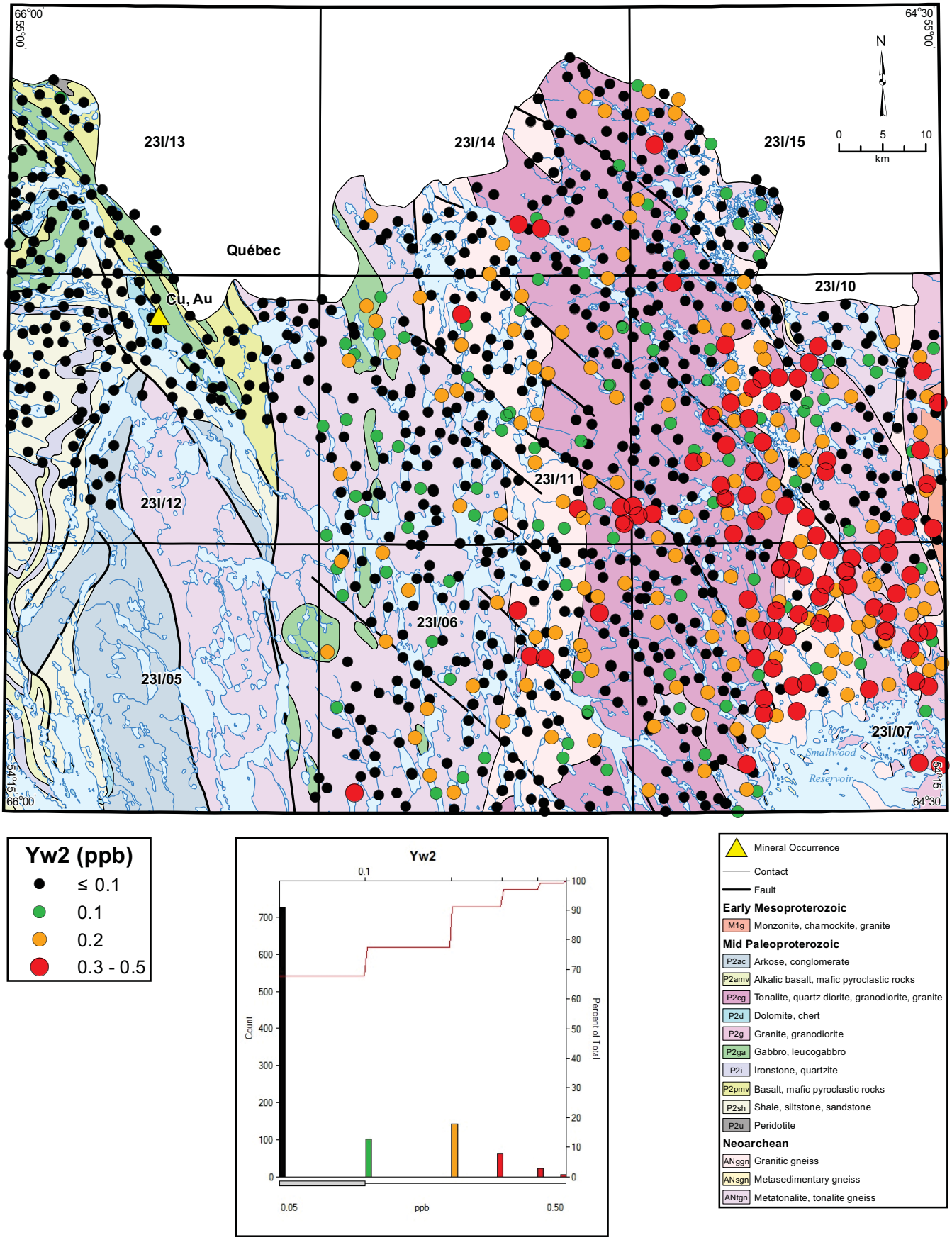
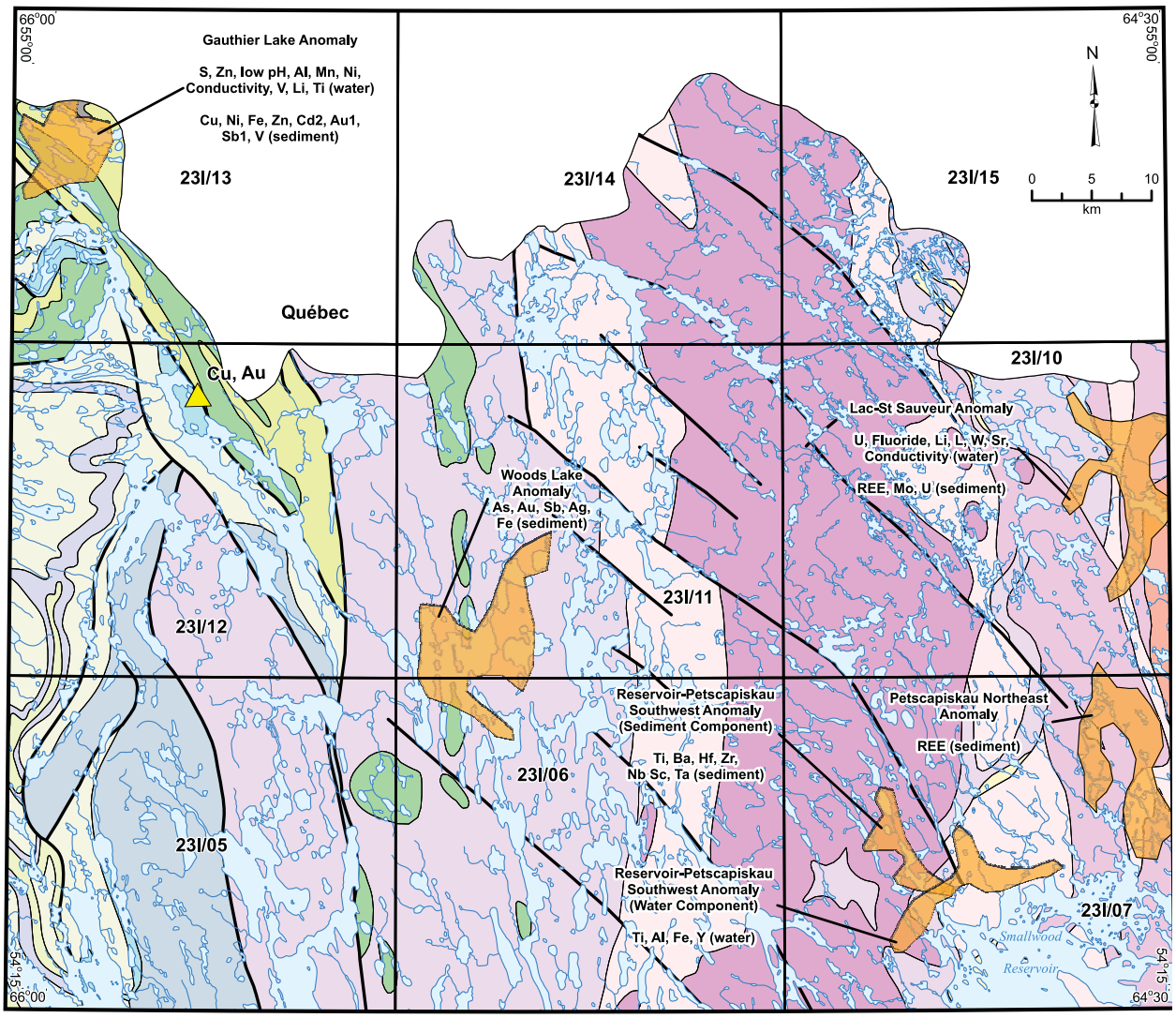


Figure 31. *Yttrium (Yw2) in lake water.*



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Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

- Anomaly
- Mineral Occurrence
- Contact
- Fault

Figure 32. *Significant geochemical anomalies.*

Reservoir-Petscapiskau Southwest Anomaly

Located on NTS map area 23I/07, over mid-Paleoproterozoic tonalite, quartz diorite, granodiorite, granite of the De Pas Batholith (Unit P2cg), this anomaly comprises two components: a sediment anomaly centred on 54º22'6”N, 64º50'49”W (54.3683ºN, 64.8469ºW) and trending north-northwest, and a water anomaly, centred on 54º20'25”N, 64º46'49”W (54.3402ºN, 64.7802ºW) and trending east-northeast. The sediment and water anomalies only overlap in one sample, but their similar element associations (particularly Al, Ti and Sr) suggest that they share a common origin.

Residual magnetic data (Dumont *et al.*, 2010) suggest that the lake-sediment anomaly overlies an unmapped, highly deformed unit of relatively high magnetic susceptibility, extending about 22 km north to 54º33'9”N, 64º59'27”W (54.5525ºN, 64.9909ºW), and about 10 km wide. Several elements attain their maximum values (from the 2009 dataset) in samples within the bounds of the anomaly, which is characterized by the following metal associations (in decreasing order of strength): Ba1, Ba2, Ca2, Sr2, Hf1 (including the highest value of 16 ppm, in sample SA5090146), Na2 (including the highest value of 3.09%, in sample SA5090190), Ti2 (including the highest value of 1.2%, in sample SA5090146), Al2 (including the equal highest value of 6.79%, in sample SA5090151), Na1, Zr1 (including the highest value of 510 ppm, in sample SA5090148), Eu1, Mg2, LOI (depleted), K2, Nb2, Sc1, Sc2 and Zr2 (including the highest value of 140 ppm, in sample SA5090146). The anomaly also encompasses the sample with the highest Ta1 (SA5090146; 1.2 ppm), and an anomalous Au1 value of 6 ppb in sample SA5090191. Of the eight samples that make up the anomaly, three were logged as ‘clastic, fine grained’ and the remainder as ‘organic ooze’, with a minor clastic component in two of them. The three clastic-dominated sediment samples included those yielding the highest Hf1, Ta1, Ti2, Zr1 and Zr2 values.

The element associations in the water component of the anomaly are Alw2, Few1, Yw2 and Tiw2 (including the highest value of the survey for the last element, 1.7 ppb in sample SA5090144).

Because some of the sediment samples were described as ‘clastic, fine-grained’, the anomaly may be a depositional artefact. However, the presence of so many maxima, as well as the extremely high Ti2 value in SA5090146, and the presence of anomalous Tiw2 in the adjacent water anomaly, suggest either that bedrock enrichment is also a factor, or that the sedimentary processes of concentration have raised the concentrations of these elements to levels of possible economic interest.

Petscapiskau Northeast Anomaly

The Petscapiskau Northeast Anomaly, comprising 22 samples, is dominated by REEs, with subordinate U, Mo, Br, Be and Th, centred on 54º25'54”N, 64º33'29’W (54.4317ºN, 64.5581ºW; NTS map areas 23I/07 and 23I/10) and trending north–south. It has the form of an inverted horseshoe, with a core of samples that did not return anomalous or elevated responses in REE or any other elements. Furthermore, it is not accompanied by corresponding anomalous or elevated val-

ues in the lake waters, although it lies within the very large features defined by the upper two Jenks-optimized class intervals for Fw9 and Yw2.

In decreasing order of strength, the element association is La2, La1, Sm1, Dy2, Ce2, Ce1 (including the highest Ce1 value of the entire survey, 363 ppm in SA5090752), Eu1, Tb1 and Y2. The anomaly also includes the sample (SA5090755) that returned the survey's highest Be2 value of 1.9 ppm. The underlying geology consists of mid-Paleoproterozoic granite and granodiorite (Unit P2g), separated from the REE-enriched Michikamats Intrusion (M1g) by a band of Neoarchean granitic gneiss (ANggn) about 1 km wide. The residual magnetic map shows a positive feature corresponding to the occurrence of Unit P2g, but no special features in the proximity of this sediment anomaly.

Because inferred ice-movement directions are eastward in this area (Klassen and Thompson, 1990), it seems unlikely that the enriched REEs in the lake sediments are derived by glacial dispersion from the Michikamats Intrusion itself, since this would require movement in the opposite direction; therefore, the anomaly may be related to metasomatism or some other contact effect. Outcrop is relatively abundant in the area; therefore, it should be possible to determine the mode of occurrence of the REE by routine mapping and rock sampling.

Lac St-Sauveur Anomaly

This anomaly, centred on 54º38'37"N, 64º33'29"W (54.6436ºN, 64.5580ºW; NTS map area 23I/10) and trending north–south, incorporates a response in both sediments and waters. The sediment component includes 22 samples, whose element associations show a strong REE affiliation: Mo1 (including the highest value for the entire survey, of 24 ppm in sample SA5090239), Mo2, La1, Sm1, La2, Ce2, Ce1 and U1 (including the highest value for the entire survey, of 12.2 ppm in sample SA5090239).

The associated water anomaly, centred on 54º40'43"N, 64º32'28"W (54.6786ºN, 64.5410ºW), comprises only six samples and lies entirely within the bounds of the sediment anomaly. Element associations are Uw3 (including the highest value of the survey, 0.07 ppb; although this value was reported from two other samples elsewhere in the survey area), Fw9, Siw1, Srw2, Kw1, Naw1, Liw2, and conductivity.

The underlying geology comprises the granitic Unit P2g, the gneissic Unit ANggn, and to a limited extent the monzonite and related rock types of the Michikamats Intrusion (M1g).

The presence of molybdenum in the element association with the REE is similar to that recorded over the Michikamats Intrusion itself (McConnell, 1989; Amor, 2010). The residual magnetic signature of the underlying rocks (Dumont *et al.*, 2010) does not suggest any major differences from the mapped geology. For the same reason as applied to the Petscapiskau Northeast Anomaly, the enriched REEs in the Lac St-Sauveur anomaly are probably derived from country rocks, rather than the Michikamats Intrusion itself.

Woods Lake Anomaly

The element association in the Woods Lake Anomaly is dominated by As1 and As2, and includes Fe1, Fe2, Au1, Sb1 and Ag6. This association is unusual in its inclusion of Au and a number of gold pathfinders. Responses are relatively weak but as the only anomaly of this type, encountered over rocks other than those of the Labrador Trough, the anomaly merits mention. It is centred on 54º31'42”N, 65º22'51”W (54.5282ºN, 65.3809ºW) on NTS map areas 23I/06 and 23I/10.

In the samples that comprise the anomaly, there are also anomalous responses of Nb2, Rb1, Cs1, Ta1, Th1, Fe2, K2 and Zr2. However, all these elements tend to be associated with lake sediment that contains a significant amount of clastic material and their association with the Au pathfinders described above is probably coincidental.

The underlying geology comprises Neoarchean tonalite (Unit ANtgn) intruded by mid-Paleoproterozoic gabbro and leucogabbro (Unit P2ga).

Gauthier Lake Anomaly

The Gauthier Lake Anomaly, centred on 54º53'36”N, 65º55'47”W (54.8932ºN, 65.9296ºW) and irregular in shape, comprises a sediment and water component and is the strongest anomaly identified over the rocks of the Labrador Trough, where background levels of many elements appear to be stronger than elsewhere in the survey area. The anomaly is underlain by three mid-Paleoproterozoic rock types: pillow basalt and mafic pyroclastic rocks (Unit P2pmv); gabbro and leucogabbro (Unit P2ga); and very limited peridotite (Unit P2u) and encompasses the following documented mostly pyritic Cu occurrences:

- Moss Lake West (Showing)
- Vert Lake South (Indication)
- Moss Lake East No 1 (Indication)
- Gauthier Lake (Indication)

the following Fe occurrences:

- Vert Lake (Indication)
- Moss Lake Northeast No 1 (Indication)
- Moss Lake Northeast No 2 (Indication)
- Moss Lake Northeast No 3 (Indication
- Gauthier Lake South (Indication)

and the following pyrite occurrence:

- Sulphide Lake (showing)

The anomalous element associations comprise Cu2, Ni2, Fe2 (including the highest value of the survey, 37.5% in SA5090892), Zn2, Lu1, Nb2, Cd2, Co1, Co2, Fe1 (also including the highest value of the survey, 38.0% in SA5090892), Yb1, Y2, Dy2, U1, Au1, Tb1, Sb1 and V2 in sediment; and Sw1, Znw2, pH (depleted and anomalously-low values, including the survey's lowest pH value of 4.493 in sample SA5090892), Alw2, Mnw1,Niw2, conductivity, Vw2, Liw2 and Tiw2.

In view of the association of chalcophile elements with high sulphur and low pH in the waters, it is considered probable that the anomaly's source lies in an occurrence of oxidizing base-metal sulphide. Some of the anomalous elements (Lu, Yb, Dy, Tb, U) probably reflect their generally higher background in lake sediments over Labrador Trough rocks, rather than enrichment in the postulated sulphide mineralization.

CONCLUSIONS

With the exception of the rocks of the Labrador Trough in the northwest, the area of 2009-lake sampling in the Knox Lake region of western Labrador has almost no history of mineral exploration. Lake-sediment and water data indicate the presence of several anomalies that are not related to known mineralization, as well as responding to known mineral deposits.

The strongest element association in the sediments, which is dominated by such elements as Al, Ba, Ca, Co, Fe, K, Mg, Mn, Na, Sr and Th, as well as the potentially economic elements Be, Cr, Li, Nb, Sc, Ti, V and Zr, and oppositely by LOI, appears to be related both to the amount of inorganic clastic material in the sample, and to the effects of Fe–Mn scavenging. The content of all of these parameters should be taken into account when assessing anomaly strength.

Some of the mapped geologic units have a distinct geochemical signature in lake sediments and/or lake waters. This is particularly true of the Labrador Trough rocks, and of the contact between Neoarchean tonalitic rocks, and Paleoproterozoic granitic rocks, on NTS map areas 23I/07, 23I/11 and 23I/14.

The two strongest anomalies are dominated by REE, with associated Mo, U and fluoride, and are proximal to the Early Mesoproterozoic alkaline Michikamats Intrusion in the east, although they mostly overlie the older granitic and gneissic country rocks to the west. Inasmuch as the direction of glacial transport is interpreted to be eastward, the anomalies are believed to be derived from REE-enriched bedrock other than the intrusion itself.

An anomaly near the Smallwood Reservoir is characterized by enrichment in elements that include Ba, Hf, Nb, Sc, Ta and Ti. Although these elements have the potential to generate false anomalies in samples rich in inorganic clastic material, the concentrations of some of the elements, especially Ti (which exceeds 1% in one sample), are considered to be too high to be attributed to this cause alone.

An anomaly over mafic extrusive and intrusive rocks of the Labrador Trough is characterized both by enriched chalcophile elements in the component sediments, and high sulphur and low pH

in the waters. There are at least five pyritic occurrences, four of them cupriferous, within the anomaly's bounds.

A weak anomaly of Au, and the associated pathfinders As, Sb and Ag, is present over Neoarchean tonalitic rocks intruded by mid-Paleoproterozoic gabbro, in an area of poor exposure in the southwest of the survey area.

The presence of several of the anomalies identified in the current study was not predictable 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.

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The following pages provide 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

LITHOLOGY: Dominant rock unit in catchment area (from Wardle *et al.*, 1997)

SEDIMENT ANALYTICAL DATA

Analytical Methods

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

Variable	Digestion (if applicable)	Method
Ag6_ppm	HNO_3	AAS
Al2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
As1_ppm		INAA
As2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Au1_ppb		INAA
Ba1_ppm		INAA
Ba2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Be2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Br1_ppm		INAA
Ca2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cd2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ce1_ppm		INAA
Ce2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Co1_ppm		INAA
Co2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cr1_ppm		INAA
Cr2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Cs1_ppm		INAA
Cu2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Dy2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Eu1_ppm		INAA
Fe1_pct		INAA
Fe2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Hf1_ppm		INAA
K2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
La1_ppm		INAA
La2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Li2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
LOI_pct	(Loss-on-ignition)	Gravimetric
Lu1_ppm		INAA
Mg2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Mn2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Mo1_ppm		INAA
Mo2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES

Na1_pct		INAA
Na2_pct	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Nb2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ni2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
P2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Pb2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Rb1_ppm		INAA
Rb2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Sb1_ppm		INAA
Sc1_ppm		INAA
Sc2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Se1_ppm		INAA
Sm1_ppm		INAA
Sr2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Ta1_ppm		INAA
Tb1_ppm		INAA
Th1_ppm		INAA
Ti2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
U1_ppm		INAA
V2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
W1_ppm		INAA
Y2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Yb1_ppm		INAA
Zn2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES
Zr1_ppm		INAA
Zr2_ppm	$HClO_4$-HNO_3-HF-HCl	ICP-ES

WATER ANALYTICAL DATA

Analytical Methods

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

Variable	Method
Alw2_ppb	ICP-USN
Asw2_ppb	ICP-USN
Baw2_ppb	ICP-USN
Bew2_ppb	ICP-USN
Caw1_ppm	ICP-ES
Cdw2_ppb	ICP-USN
Conduct_ µS	Corning meter
Cow2_ppb	ICP-USN
Crw2_ppb	ICP-USN
Cuw2_ppb	ICP-USN
Few1_ppb	ICP-ES
Fw9_ppb	ISE
Kw1_ppm	ICP-ES
Liw2_ppb	ICP-USN
Mgw1_ppm	ICP-ES
Mnw1_ppb	ICP-ES
Mow2_ppb	ICP-USN
Naw1_ppm	ICP-ES
Niw2_ppb	ICP-USN
Pbw2_ppb	ICP-USN
pH_w	Corning meter
Pw2_ppb	ICP-USN
Siw1_ppm	ICP-ES
Sw1_ppm	ICP-ES
Srw2_ppb	ICP-USN
Tiw2_ppb	ICP-USN
Uw3_ppb	ICP-MS
Vw2_ppb	ICP-USN
Yw2_ppb	ICP-USN
Znw2_ppb	ICP-USN

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090001	10020001	20	366572	6071958	23I/14	54.778992	-65.074529	0.170	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090002	10020002	20	367944	6074114	23I/14	54.798718	-65.054194	0.062	5.0	3	2	2	3	0	0		1	1	P2cg
SA5090003	10020003	20	369052	6074485	23I/14	54.802341	-65.037139	0.804	1.0	3	2	5	3	0	1		1	1	P2cg
SA5090004	10020004	20	370224	6073807	23I/14	54.796557	-65.018615	0.804	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090005	10020005	20	372242	6076456	23I/14	54.820862	-64.988418	0.012	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090006	10020006	20	373414	6078539	23I/15	54.839872	-64.971098	40.873	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090007	10020007	20	374628	6079382	23I/15	54.847749	-64.952573	0.013	2.0	1	2	2	3	0	0		3	1	P2cg
SA5090008	10020008	20	369083	6074473	23I/14	54.802241	-65.036651	0.804	2.0	3	2	5	3	0	2		1	1	P2cg
SA5090009	10020009	20	376080	6081046	23I/15	54.863056	-64.930687	0.203	7.0	1	2	2	3	0	0		1	1	P2cg
SA5090010	10020011	20	374194	6082073	23I/15	54.871809	-64.960500	0.078	2.0	3	-9	5	3	0	0		1	1	P2cg
SA5090011	10020012	20	375668	6082795	23I/15	54.878662	-64.937856	0.068	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090012	10020013	20	376426	6085268	23I/15	54.901061	-64.927109	0.621	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090013	10020014	20	376848	6086643	23I/15	54.913515	-64.921120	0.148	3.0	1	2	2	3	0	0		1	1	P2cg
SA5090014	10020015	20	375390	6087288	23I/15	54.918946	-64.944129	0.031	2.0	3	2	9	3	0	0		1	1	P2cg
SA5090015	10020016	20	373733	6087614	23I/15	54.921457	-64.970107	0.055	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090016	10020017	20	372677	6088228	23I/15	54.926703	-64.986845	0.056	6.0	1	2	2	3	0	0		1	1	P2cg
SA5090017	10020018	20	371218	6087168	23I/14	54.916808	-65.009122	0.093	5.0	6	2	2	3	0	0		1	1	P2cg
SA5090018	10020019	20	369818	6088491	23I/14	54.928327	-65.031547	0.083	4.0	6	2	2	3	0	0		1	1	P2cg
SA5090019	10020021	20	368710	6087738	23I/14	54.921274	-65.048482	0.041	1.0	6	2	9	5	0	0		1	1	P2cg
SA5090020	10020022	20	367075	6090316	23I/14	54.943992	-65.075166	0.112	4.0	6	2	13	3	0	0		1	1	P2cg
SA5090021	10020023	20	367348	6089681	23I/14	54.938362	-65.070614	0.091	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090022	10020024	20	365745	6091315	23I/14	54.952607	-65.096381	0.572	4.0	6	2	2	3	0	0		1	1	P2cg
SA5090023	10020025	20	365466	6089360	23I/14	54.934975	-65.099818	0.019	1.0	6	2	9	3	0	0		1	1	P2cg
SA5090024	10020026	20	364449	6073470	23I/14	54.792001	-65.108219	0.065	2.0	3	2	2	3	0	0		1	1	P2cg
SA5090025	10020027	20	366091	6076722	23I/14	54.821647	-65.084203	0.812	2.0	1	2	5	3	0	1		1	1	P2cg
SA5090026	10020028	20	366971	6079113	23I/14	54.843355	-65.071616	0.101	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090027	10020029	20	365980	6076676	23I/14	54.821205	-65.085908	0.812	1.0	1	2	2	3	0	2		1	1	P2cg
SA5090028	10020031	20	368730	6077165	23I/14	54.826325	-65.043359	0.059	2.0	6	2	2	5	0	0		1	1	P2cg
SA5090029	10020032	20	369781	6079481	23I/14	54.847400	-65.028054	0.080	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090030	10020033	20	371249	6077755	23I/14	54.832278	-65.004438	0.018	4.0	3	2	2	3	0	0		1	1	P2cg
SA5090031	10020034	20	371739	6078904	23I/15	54.842724	-64.997324	0.670	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090032	10020035	20	372843	6080508	23I/15	54.857411	-64.980850	0.018	1.0	6	2	2	5	0	0		1	1	P2cg
SA5090033	10020036	20	372913	6083562	23I/15	54.884857	-64.981105	0.040	1.0	6	2	2	5	0	0		1	1	P2cg
SA5090034	10020037	20	374805	6085324	23I/15	54.901160	-64.952396	0.589	5.0	6	2	2	3	0	0		1	1	P2cg
SA5090035	10020038	20	373031	6085216	23I/15	54.899742	-64.979996	0.032	1.5	1	2	5	3	0	0		1	1	P2cg
SA5090036	10020039	20	367231	6087264	23I/14	54.916625	-65.071323	0.092	1.0	6	2	2	3	0	0		1	1	P2cg
SA5090037	10020041	20	369168	6085693	23I/14	54.903028	-65.040411	0.017	1.0	6	2	2	5	0	0		1	1	P2cg
SA5090038	10020042	20	371462	6085282	23I/14	54.899933	-65.004476	0.104	1.0	6	2	5	3	0	0		1	1	P2cg
SA5090039	10020043	20	370972	6082939	23I/14	54.878765	-65.011063	0.315	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090040	10020044	20	369307	6083633	23I/14	54.884564	-65.037311	0.030	0.8	6	2	2	3	0	0		1	1	P2cg
SA5090041	10020045	20	365754	6085530	23I/14	54.900658	-65.093540	0.019	4.0	3	2	2	3	0	0		1	1	P2cg
SA5090042	10020046	20	362387	6087230	23I/14	54.915007	-65.146819	0.038	1.0	2	2	2	3	0	1		1	1	ANggn
SA5090043	10020047	20	361507	6084867	23I/14	54.893543	-65.159401	0.053	1.0	6	2	2	5	0	0		1	1	ANggn
SA5090044	10020048	20	363300	6084471	23I/14	54.890481	-65.131278	1.357	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090045	10020049	20	364522	6083576	23I/14	54.882777	-65.111820	1.357	4.0	1	2	2	3	0	0		1	1	P2cg
SA5090046	10020051	20	366503	6082856	23I/14	54.876845	-65.080629	0.049	1.0	1	2	5	5	0	0		1	1	P2cg
SA5090047	10020052	20	369103	6081176	23I/14	54.862445	-65.039374	0.011	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090048	10020053	20	370515	6080079	23I/14	54.852961	-65.016898	0.670	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090049	10020054	20	364320	6081633	23I/14	54.865273	-65.114052	0.058	1.0	3	2	2	5	0	0		1	1	ANggn
SA5090050	10020055	20	362126	6081156	23I/14	54.860389	-65.147983	0.125	1.0	3	2	5	3	0	0		1	1	ANggn
SA5090051	10020056	20	361185	6080567	23I/14	54.854839	-65.162348	0.087	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090052	10020057	20	365192	6075409	23I/14	54.809615	-65.097574	0.043	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090053	10020058	20	363698	6079539	23I/14	54.846299	-65.122748	0.152	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090054	10020059	20	365365	6078356	23I/14	54.836127	-65.096255	0.056	1.5	6	2	5	3	0	0		1	1	P2cg
SA5090055	10020061	20	364490	6077567	23I/14	54.828805	-65.109499	0.139	1.0	6	2	2	3	0	0		1	1	P2cg
SA5090056	10020062	20	362911	6076714	23I/14	54.820715	-65.133656	0.063	0.5	1	2	2	1	0	0		1	1	P2cg
SA5090057	10020063	20	361447	6076235	23I/14	54.816010	-65.156195	0.058	5.0	1	2	2	3	0	0		1	1	P2cg
SA5090058	10020064	20	362360	6087208	23I/14	54.914802	-65.147230	0.038	1.0	2	2	2	3	0	2		1	1	P2cg
SA5090059	10020065	20	357447	6077462	23I/14	54.825905	-65.218997	0.031	4.0	1	2	2	3	0	0		1	1	P2cg
SA5090060	10020066	20	355722	6078214	23I/14	54.832163	-65.246201	0.157	1.0	1	2	2	3	0	0		1	1	P2cg

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090061	10020067	20	352754	6075763	23I/14	54.809290	-65.291121	0.600	3.0	1	2	4	3	0	0		1	1	ANggn
SA5090062	10020068	20	350523	6075166	23I/14	54.803268	-65.325495	128.200	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090063	10020069	20	347438	6074948	23I/14	54.800380	-65.373330	134.143	1.5	1	2	2	3	0	0		1	1	ANtgn
SA5090064	10020071	20	344533	6075642	23I/14	54.805717	-65.418850	0.968	3.0	1	2	2	3	0	0		1	1	ANtgn
SA5090065	10020072	20	343935	6074759	23I/14	54.797603	-65.427669	0.144	1.0	1	2	2	3	0	0		1	1	ANtgn
SA5090066	10020073	20	345586	6073176	23I/14	54.783902	-65.401169	1.105	1.0	3	2	2	3	0	1		1	1	ANtgn
SA5090067	10020074	20	346211	6073728	23I/14	54.789050	-65.391752	134.143	2.0	3	2	2	3	0	0		1	1	ANtgn
SA5090068	10020075	20	348503	6073139	23I/14	54.784460	-65.355833	134.143	2.0	3	2	2	3	0	0		1	1	ANtgn
SA5090069	10020076	20	348768	6072148	23I/14	54.775642	-65.351200	134.143	1.0	3	2	2	3	0	0		1	1	ANtgn
SA5090070	10020077	20	351334	6073072	23I/14	54.784707	-65.311816	134.143	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090071	10020078	20	352828	6073358	23I/14	54.787716	-65.288749	134.143	1.5	3	2	2	3	0	0		1	1	ANggn
SA5090072	10020079	20	355115	6075270	23I/14	54.805552	-65.254169	134.143	1.0	3	2	2	3	0	0		1	1	ANggn
SA5090073	10020081	20	357080	6074773	23I/14	54.801654	-65.223378	134.143	2.5	3	2	2	3	0	0		1	1	ANggn
SA5090074	10020082	20	356061	6073532	23I/14	54.790218	-65.238601	0.163	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090075	10020083	20	355068	6073007	23I/14	54.785217	-65.253769	0.632	4.0	6	2	2	3	0	0		1	1	ANggn
SA5090076	10020084	20	354188	6071524	23I/14	54.771645	-65.266696	0.122	1.5	6	2	2	3	0	0		1	1	ANggn
SA5090077	10020085	20	352690	6070774	23I/14	54.764472	-65.289582	134.143	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090078	10020086	20	349324	6069606	23I/14	54.752984	-65.341245	134.143	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090079	10020087	20	353631	6069330	23I/14	54.751782	-65.274242	134.143	3.0	1	2	2	3	0	0		1	1	ANggn
SA5090080	10020088	20	345600	6073096	23I/14	54.783188	-65.400909	1.105	1.0	3	2	2	3	0	2		1	1	ANtgn
SA5090081	10020089	20	354775	6069367	23I/14	54.752446	-65.256501	0.172	3.0	6	2	2	3	0	0		1	1	ANggn
SA5090082	10020091	20	356438	6069307	23I/14	54.752386	-65.230654	0.172	1.0	1	2	2	3	0	1		1	1	ANggn
SA5090083	10020092	20	357353	6070583	23I/14	54.764106	-65.217075	0.009	2.0	6	2	2	3	0	0		1	1	ANggn
SA5090084	10020093	20	358331	6069399	23I/14	54.753750	-65.201309	0.048	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090085	10020094	20	359090	6070599	23I/14	54.764740	-65.190107	134.143	4.0	1	2	2	3	0	0		1	1	ANggn
SA5090086	10020095	20	358143	6072344	23I/14	54.780143	-65.205667	0.040	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090087	10020096	20	360931	6073744	23I/14	54.793497	-65.163023	134.143	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090088	10020097	20	371862	6072849	23I/15	54.788374	-64.992731	0.299	4.0	6	2	2	3	0	0		1	1	P2cg
SA5090089	10020098	20	374140	6074998	23I/15	54.808252	-64.958261	0.031	8.0	6	2	4	3	0	0		1	1	P2cg
SA5090090	10020099	20	373311	6075882	23I/15	54.815983	-64.971537	0.005	0.7	-9	3	4	3	0	0		1	1	P2cg
SA5090091	10020101	20	374778	6076854	23I/15	54.825082	-64.949143	40.873	2.0	3	2	13	3	0	0		1	1	P2cg
SA5090092	10020102	20	376463	6077028	23I/15	54.827063	-64.923006	40.873	6.0	3	2	2	3	0	0		1	1	P2cg
SA5090093	10020103	20	378529	6077231	23I/15	54.829392	-64.890951	40.873	2.0	3	2	5	3	0	0		1	1	ANggn
SA5090094	10020104	20	381485	6076796	23I/15	54.826194	-64.844784	40.873	1.0	3	2	5	1	0	0		1	1	ANtgn
SA5090095	10020105	20	379283	6079228	23I/15	54.847511	-64.880054	40.873	2.5	3	2	5	3	0	0		1	1	ANggn
SA5090096	10020106	20	376982	6079439	23I/15	54.848846	-64.915958	0.092	2.0	3	2	2	5	0	0		1	1	P2cg
SA5090097	10020107	20	378375	6081421	23I/15	54.866988	-64.895111	40.873	5.0	3	2	4	1	0	0		1	1	ANggn
SA5090098	10020108	20	377928	6082975	23I/15	54.880836	-64.902729	0.050	4.0	6	2	4	3	0	0		1	1	P2cg
SA5090099	10020109	20	356706	6069210	23I/14	54.751592	-65.226445	0.172	1.0	1	2	2	3	0	2		1	1	ANggn
SA5090100	10020111	20	378863	6083457	23I/15	54.885393	-64.888366	0.887	2.0	5	2	4	2	0	0		1	1	ANggn
SA5090101	10020112	20	380059	6081962	23I/15	54.872254	-64.869112	0.688	10.0	5	2	4	3	0	0		1	1	ANggn
SA5090102	10020113	20	384641	6078141	23I/15	54.839012	-64.796221	21.548	1.0	3	2	2	3	0	0		2	1	ANtgn
SA5090103	10020114	20	385090	6076909	23I/15	54.828050	-64.788745	40.873	2.0	1	2	2	3	0	0		1	1	ANtgn
SA5090104	10020115	20	386385	6076734	23I/15	54.826773	-64.768528	40.873	1.0	3	2	5	3	0	0		1	1	P2g
SA5090105	10020116	20	386827	6074922	23I/15	54.810597	-64.760943	40.873	2.0	3	2	5	3	0	0		1	1	P2g
SA5090106	10020117	20	385036	6075391	23I/15	54.814402	-64.788982	40.873	5.0	6	2	5	3	0	0		1	1	ANtgn
SA5090107	10020118	20	383154	6074798	23I/15	54.808640	-64.818012	40.873	3.0	3	2	5	3	0	0		1	1	ANsgn
SA5090108	10020119	20	380951	6075403	23I/15	54.813555	-64.852518	0.072	6.0	6	2	4	3	0	0		1	1	ANggn
SA5090109	10020121	20	378654	6074508	23I/15	54.804966	-64.887865	40.873	3.0	5	2	5	3	0	0		1	1	ANggn
SA5090110	10020122	20	373588	6071330	23I/15	54.775170	-64.965245	2.658	3.0	3	2	5	3	0	0		1	1	P2cg
SA5090111	10020123	20	374334	6071299	23I/15	54.775079	-64.953641	2.658	4.0	3	2	5	0	0	0		1	1	P2cg
SA5090112	10020124	20	374206	6072682	23I/15	54.787468	-64.956229	0.097	3.0	1	2	5	0	0	1		1	1	P2cg
SA5090113	10020125	20	376116	6073301	23I/15	54.793504	-64.926810	40.873	3.0	3	2	5	0	0	0		1	1	P2cg
SA5090114	10020126	20	376745	6074757	23I/15	54.806736	-64.917652	40.873	3.0	3	2	5	0	0	0		1	1	P2cg
SA5090115	10020127	20	378209	6073103	23I/15	54.792238	-64.894194	40.873	5.0	3	2	5	0	0	0		1	1	ANggn
SA5090116	10020128	20	380747	6072881	23I/15	54.790855	-64.854653	40.873	4.0	5	2	5	0	0	0		1	1	ANggn
SA5090117	10020129	20	382707	6073564	23I/15	54.797452	-64.824464	0.108	3.0	5	2	5	0	0	0		1	1	ANsgn
SA5090118	10020131	20	374287	6072612	23I/15	54.786860	-64.954940	0.097	3.0	1	2	5	0	0	2		1	1	P2cg
SA5090119	10020132	20	384638	6073037	23I/15	54.793167	-64.794235	0.022	3.0	5	2	4	0	0	0		1	1	ANtgn
SA5090120	10020133	20	383029	6071199	23I/15	54.776284	-64.818504	0.152	3.0	5	2	5	0	0	0		1	1	ANtgn

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090121	10020134	20	384692	6070228	23I/15	54.767948	-64.792279	0.082	1.0	5	2	4	3	0	0		1	1	ANtgn
SA5090122	10020135	20	384925	6069369	23I/15	54.760286	-64.788319	0.061	4.0	1	2	5	3	0	1		1	1	ANtgn
SA5090123	10020136	20	383650	6068326	23I/15	54.750623	-64.807705	0.151	3.0	1	2	4	3	0	0		1	1	ANggn
SA5090124	10020137	20	380455	6068977	23I/15	54.755720	-64.857584	40.873	1.0	3	2	5	3	0	0		1	1	ANggn
SA5090125	10020138	20	378956	6069467	23I/15	54.759761	-64.881067	40.873	1.7	3	2	5	3	0	0		1	1	P2cg
SA5090126	10020139	20	381519	6071417	23I/15	54.777888	-64.842055	0.019	1.0	5	2	2	5	0	0		1	1	ANtgn
SA5090127	10020141	20	379796	6071419	23I/15	54.777496	-64.868828	40.873	4.0	1	2	5	3	0	0		1	1	ANggn
SA5090128	10020142	20	376449	6070533	23I/15	54.768725	-64.920456	40.873	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090129	10020143	20	376939	6069597	23I/15	54.760438	-64.912447	40.873	5.0	3	2	5	3	0	0		1	1	P2cg
SA5090130	10020144	20	375196	6069438	23I/15	54.758580	-64.939449	0.054	3.0	3	2	5	3	0	0		3	1	P2cg
SA5090131	10020145	20	384925	6069369	23I/15	54.760286	-64.788319	0.052	4.0	1	2	5	3	0	2		1	1	ANtgn
SA5090132	10020146	20	373516	6068726	23I/15	54.751764	-64.965230	0.052	3.0	3	2	5	3	0	0		1	1	P2cg
SA5090133	10020147	20	371330	6069197	23I/15	54.755439	-64.999380	0.102	2.0	3	2	2	5	0	0		1	1	P2cg
SA5090134	10020148	20	370560	6070878	23I/14	54.770338	-65.012086	0.027	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090135	10020149	20	368503	6070500	23I/14	54.766408	-65.043867	0.142	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090136	10020151	20	366498	6069011	23I/14	54.752506	-65.074324	134.143	3.0	3	2	5	3	0	0		1	1	P2cg
SA5090137	10020152	20	364770	6069247	23I/14	54.754163	-65.101264	0.021	1.0	3	2	2	4	0	0		1	1	P2cg
SA5090138	10020153	20	363754	6069896	23I/14	54.759716	-65.117343	0.033	1.0	3	2	2	3	0	0		2	1	P2cg
SA5090139	10020154	20	365629	6070391	23I/14	54.764667	-65.088455	134.143	5.0	1	2	5	3	0	0		1	1	P2cg
SA5090140	10020155	20	363666	6070818	23I/14	54.767972	-65.119142	0.535	5.0	1	2	5	3	0	0		1	1	P2cg
SA5090141	-9	20	361532	6070861	23I/14	54.767774	-65.152307	0.190	-9	1	2	-9	-9	0	0		1	1	P2cg
SA5090142	10020157	20	382306	6016773	23I/07	54.287234	-64.807997	0.026	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090143	10020158	20	381663	6017630	23I/07	54.294784	-64.818209	0.060	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090144	10020159	20	381224	6020308	23I/07	54.318738	-64.826015	0.127	3.0	6	2	2	3	0	0		1	1	ANtgn
SA5090145	10020161	20	380750	6021241	23I/07	54.327008	-64.833671	0.033	1.0	6	2	9	5	0	1		1	1	ANtgn
SA5090146	10020162	20	379746	6023675	23I/07	54.348636	-64.850082	1.374	2.0	6	2	4	1	0	0		1	1	P2cg
SA5090147	10020163	20	377839	6025194	23I/07	54.361827	-64.880026	2.247	6.0	1	2	2	3	0	0		1	1	P2cg
SA5090148	10020164	20	377067	6026719	23I/07	54.375339	-64.892530	2.247	2.0	6	2	2	1	0	0		1	1	P2cg
SA5090149	10020165	20	377824	6029168	23I/07	54.397519	-64.881889	0.074	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090150	10020166	20	379081	6029386	23I/07	54.399778	-64.862628	3.508	2.0	6	2	7	1	0	0		1	1	P2cg
SA5090151	10020167	20	378488	6031003	23I/07	54.414161	-64.872419	3.508	3.0	1	2	5	3	0	0		1	1	P2cg
SA5090152	10020168	20	376832	6032447	23I/07	54.426733	-64.898521	0.084	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090153	10020169	20	377762	6035473	23I/07	54.454138	-64.885443	0.613	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090154	10020171	20	375029	6036890	23I/07	54.466200	-64.928169	0.887	3.0	1	2	3	1	0	0		1	1	P2cg
SA5090155	10020172	20	374941	6039468	23I/07	54.489333	-64.930617	0.079	1.0	3	3	2	3	0	0		1	1	P2cg
SA5090156	10020173	20	373626	6039880	23I/07	54.492708	-64.951081	0.604	3.0	6	3	7	1	0	0		1	1	P2cg
SA5090157	10020174	20	375346	6041294	23I/10	54.505834	-64.925139	12.414	3.0	6	3	5	3	0	0		1	1	P2cg
SA5090158	10020175	20	376190	6043458	23I/10	54.525479	-64.913021	12.414	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090159	10020176	20	380783	6021179	23I/07	54.326459	-64.833139	0.033	3.0	6	2	2	3	0	2		1	1	ANtgn
SA5090160	10020177	20	374893	6044220	23I/10	54.532004	-64.933373	12.414	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090161	10020178	20	373208	6044928	23I/10	54.537943	-64.959700	12.414	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090162	10020179	20	372599	6046390	23I/10	54.550922	-64.969739	0.038	1.0	3	2	8	5	0	0		1	1	P2cg
SA5090163	10020181	20	371501	6046870	23I/10	54.554955	-64.986914	0.012	0.7	3	2	8	1	0	0		1	1	P2cg
SA5090164	10020182	20	370946	6049442	23I/10	54.577914	-64.996618	0.110	1.0	3	3	5	2	0	0		1	1	P2cg
SA5090165	10020183	20	371174	6050723	23I/10	54.589477	-64.993655	0.103	2.0	1	3	2	3	0	0		1	1	P2cg
SA5090166	10020184	20	369918	6050949	23I/11	54.591185	-65.013179	0.097	2.0	1	2	5	3	0	0		1	1	P2cg
SA5090167	10020185	20	371172	6052554	23I/10	54.605922	-64.994490	0.510	2.0	3	2	2	3	0	0		1	1	P2cg
SA5090168	10020186	20	371772	6054966	23I/10	54.627738	-64.986262	0.984	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090169	10020187	20	369412	6055973	23I/11	54.636176	-65.023243	0.430	4.0	6	2	3	3	0	0		1	1	P2cg
SA5090170	10020188	20	368781	6057351	23I/11	54.648389	-65.033630	0.064	1.0	1	2	2	3	0	1		1	1	P2cg
SA5090171	10020189	20	368690	6057365	23I/11	54.648491	-65.035046	0.064	1.5	1	2	2	3	0	2		1	1	P2cg
SA5090172	10020191	20	366821	6059181	23I/11	54.664309	-65.064818	0.583	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090173	10020192	20	367230	6060749	23I/11	54.678500	-65.059194	0.010	1.0	3	2	8	3	0	0		1	1	P2cg
SA5090174	10020193	20	368800	6060683	23I/11	54.678319	-65.034831	0.200	1.0	1	2	5	1	0	0		1	1	P2cg
SA5090175	10020194	20	369615	6059500	23I/11	54.667906	-65.021672	0.062	2.0	1	2	5	3	0	0		1	1	P2cg
SA5090176	10020195	20	370783	6059115	23I/11	54.664749	-65.003404	0.066	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090177	10020196	20	373349	6059029	23I/10	54.664629	-64.963609	0.013	1.0	6	2	2	2	0	0		1	1	P2cg
SA5090178	10020197	20	374461	6059542	23I/10	54.669515	-64.946600	134.143	10.0	6	2	5	3	0	0		1	1	P2cg
SA5090179	10020198	20	374538	6061226	23I/10	54.684659	-64.946130	134.143	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090180	10020199	20	373438	6060798	23I/10	54.680540	-64.962997	134.143	4.0	1	2	6	3	0	0		1	1	P2cg

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090181	10020201	20	372761	6063099	23I/10	54.701035	-64.974493	134.143	8.0	6	2	5	3	0	0		1	1	P2cg
SA5090182	10020202	20	371358	6062278	23I/11	54.693305	-64.995888	0.004	1.0	6	2	5	3	0	0		1	1	P2cg
SA5090183	10020203	20	370329	6063269	23I/11	54.701941	-65.012283	0.074	1.5	6	3	2	3	0	1		1	1	P2cg
SA5090184	10020204	20	368534	6062838	23I/11	54.697604	-65.039925	0.182	3.0	1	2	5	3	0	0		1	1	P2cg
SA5090185	10020205	20	367131	6063386	23I/11	54.702156	-65.061929	0.260	1.5	1	2	2	3	0	0		1	1	P2cg
SA5090186	10020206	20	370220	6063458	23I/11	54.703610	-65.014058	0.074	3.0	6	3	5	3	0	2		1	1	P2cg
SA5090187	10020207	20	368484	6065500	23I/11	54.721498	-65.041901	0.059	1.0	6	3	2	1	0	0		1	1	P2cg
SA5090188	10020208	20	366620	6064742	23I/11	54.714199	-65.070474	0.014	1.0	6	3	2	3	0	0		1	1	P2cg
SA5090189	10020209	20	382973	6020959	23I/07	54.324990	-64.799397	5700.000	2.0	6	3	4	3	0	0		1	1	ANggn
SA5090190	10020211	20	381504	6023323	23I/07	54.345886	-64.822911	5700.000	1.0	6	3	4	3	0	0		1	1	P2cg
SA5090191	10020212	20	380761	6025059	23I/07	54.361307	-64.835029	5700.000	1.0	1	3	2	3	0	0		1	1	P2cg
SA5090192	10020213	20	379503	6025271	23I/07	54.362915	-64.854464	0.103	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090193	10020214	20	379902	6026649	23I/07	54.375387	-64.848883	5700.000	0.5	6	3	4	3	0	0		1	1	P2cg
SA5090194	10020215	20	380580	6027948	23I/07	54.387215	-64.838973	0.234	3.0	6	3	2	3	0	0		1	1	P2cg
SA5090195	10020216	20	381618	6030755	23I/07	54.412672	-64.824116	5700.000	1.0	1	3	2	3	0	0		1	1	P2cg
SA5090196	10020217	20	381618	6032407	23I/07	54.427511	-64.824775	0.294	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090197	10020218	20	379241	6032936	23I/07	54.431704	-64.861609	0.147	1.5	3	2	2	3	0	0		1	1	P2cg
SA5090198	10020219	20	378697	6035567	23I/07	54.455206	-64.871068	1.400	1.0	1	3	2	3	0	0		1	1	P2cg
SA5090199	10020221	20	378859	6037261	23I/07	54.470461	-64.869264	2.550	1.5	3	3	2	3	0	0		1	1	P2cg
SA5090200	10020222	20	377100	6037828	23I/07	54.475131	-64.896625	0.075	1.0	-9	3	2	3	0	0		1	1	P2cg
SA5090201	10020223	20	376497	6039031	23I/07	54.485790	-64.906428	0.179	1.0	3	3	2	3	0	0		1	1	P2cg
SA5090202	10020224	20	377183	6040958	23I/10	54.503265	-64.896647	0.430	1.0	3	2	2	3	0	1		1	1	P2cg
SA5090203	10020225	20	378105	6043608	23I/10	54.527291	-64.883512	0.108	1.0	3	2	4	3	0	0		1	1	P2cg
SA5090204	10020226	20	376926	6045524	23I/10	54.544215	-64.902519	12.414	1.5	6	3	2	3	0	0		1	1	P2cg
SA5090205	10020227	20	376114	6047420	23I/10	54.561047	-64.915862	0.153	1.0	6	3	2	3	0	0		1	1	P2cg
SA5090206	10020228	20	375030	6047720	23I/10	54.563474	-64.932743	0.052	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090207	10020229	20	375030	6049102	23I/10	54.575887	-64.933330	0.098	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090208	10020231	20	375477	6040905	23I/10	54.502373	-64.922953	0.430	1.0	3	2	2	3	0	2		1	1	P2cg
SA5090209	10020232	20	373158	6049355	23I/10	54.577693	-64.962381	0.088	3.5	6	2	2	3	0	0		1	1	P2cg
SA5090210	10020233	20	373462	6052654	23I/10	54.607400	-64.959103	0.037	1.0	3	3	2	3	0	0		1	1	P2cg
SA5090211	10020234	20	374940	6053172	23I/10	54.612421	-64.936456	0.037	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090212	10020235	20	374709	6055060	23I/10	54.629321	-64.940837	0.026	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090213	10020236	20	372672	6055657	23I/10	54.634173	-64.972631	0.269	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090214	10020237	20	372480	6057295	23I/10	54.648836	-64.976317	0.124	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090215	10020238	20	375305	6057331	23I/10	54.649866	-64.932582	134.143	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090216	10020239	20	376554	6059270	23I/10	54.667590	-64.914051	0.156	8.0	6	2	4	3	0	0		1	1	P2cg
SA5090217	10020241	20	375037	6062278	23I/10	54.694232	-64.938845	0.094	2.0	2	2	2	3	0	0		1	1	P2cg
SA5090218	10020242	20	377667	6062857	23I/10	54.700079	-64.898308	0.040	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090219	10020243	20	378682	6063086	23I/10	54.702382	-64.882662	0.030	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090220	10020244	20	377696	6060690	23I/10	54.680623	-64.896950	134.143	5.0	6	2	2	3	0	0		1	1	P2cg
SA5090221	10020245	20	376705	6057722	23I/10	54.653723	-64.911059	134.143	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090222	10020246	20	376616	6055410	23I/10	54.632935	-64.911463	0.063	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090223	10020247	20	378927	6057477	23I/10	54.652061	-64.876537	0.009	1.0	6	3	2	5	0	1		1	1	P2cg
SA5090224	10020248	20	379377	6059424	23I/10	54.669657	-64.870370	134.143	5.0	6	3	2	3	0	0		1	1	P2cg
SA5090225	10020249	20	379313	6060644	23I/10	54.680600	-64.871866	0.046	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090226	10020251	20	368694	6066972	23I/11	54.734773	-65.039307	134.143	7.0	1	3	4	3	0	0		1	1	P2cg
SA5090227	10020252	20	371241	6066848	23I/10	54.734319	-64.999722	134.143	7.0	6	2	4	3	0	0		1	1	P2cg
SA5090228	10020253	20	373510	6067416	23I/10	54.739997	-64.964753	134.143	3.0	6	2	4	5	0	0		1	1	P2cg
SA5090229	10020254	20	375579	6067696	23I/10	54.743029	-64.932756	0.034	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090230	10020255	20	377326	6067310	23I/10	54.739992	-64.905472	134.143	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090231	10020256	20	378821	6057407	23I/10	54.651407	-64.878150	0.009	5.0	6	3	4	2	0	2		1	1	P2cg
SA5090232	10020257	20	379601	6067173	23I/10	54.739312	-64.870099	40.873	6.0	6	2	4	3	0	0		1	1	P2cg
SA5090233	10020258	20	381671	6067037	23I/10	54.738583	-64.837910	40.873	5.0	6	2	4	3	0	0		1	1	P2cg
SA5090234	10020259	20	382962	6067513	23I/10	54.743161	-64.818061	40.873	4.0	1	2	2	3	0	0		1	1	ANggn
SA5090235	10020261	20	384418	6066719	23I/10	54.736366	-64.795140	0.033	2.0	6	2	2	3	0	0		1	1	ANtgn
SA5090236	10020262	20	393465	6064891	23I/10	54.721946	-64.654027	9.187	2.0	1	2	2	3	0	0		1	1	ANtgn
SA5090237	10020263	20	395244	6063431	23I/10	54.709204	-64.625895	9.187	3.0	6	2	2	3	0	0		1	1	ANtgn
SA5090238	10020264	20	402513	6061451	23I/10	54.692878	-64.512457	0.313	3.0	1	2	2	3	0	0		1	1	P2g
SA5090239	10020265	20	402396	6060049	23I/10	54.680261	-64.513803	0.134	4.0	1	2	4	3	0	0		1	1	P2g
SA5090240	10020266	20	400921	6059140	23I/10	54.671806	-64.536362	0.010	0.5	2	3	4	5	0	0		1	1	P2g

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090241	10020267	20	400655	6060521	23I/10	54.684160	-64.540955	0.040	1.0	1	3	7	4	0	0		1	1	P2g
SA5090242	10020268	20	399209	6058658	23I/10	54.667137	-64.562732	0.043	1.0	3	2	2	4	0	1		1	1	ANggn
SA5090243	10020269	20	398137	6060881	23I/10	54.686891	-64.580122	0.039	1.0	3	3	2	3	0	0		1	1	P2g
SA5090244	10020271	20	397186	6058973	23I/10	54.669557	-64.594196	0.086	1.0	1	2	2	3	0	0		1	1	ANtgn
SA5090245	10020272	20	395694	6059032	23I/10	54.669781	-64.617341	0.133	1.5	3	2	2	3	0	0		1	1	ANtgn
SA5090246	10020273	20	396042	6061513	23I/10	54.692140	-64.612831	9.187	4.0	6	3	2	3	0	0		1	1	ANtgn
SA5090247	10020274	20	395490	6060765	23I/10	54.685306	-64.621123	0.003	1.0	1	2	2	5	0	0		1	1	ANtgn
SA5090248	10020275	20	392465	6060762	23I/10	54.684642	-64.668023	5.186	6.0	6	2	2	3	0	0		1	1	ANtgn
SA5090249	10020276	20	392573	6062487	23I/10	54.700161	-64.666983	5.186	3.0	1	3	2	3	0	0		1	1	ANtgn
SA5090250	10020277	20	391154	6063718	23I/10	54.710914	-64.689452	0.332	3.0	1	2	5	3	0	0		1	1	ANtgn
SA5090251	10020278	20	388468	6061581	23I/10	54.691129	-64.730304	0.166	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090252	10020279	20	399143	6058712	23I/10	54.667608	-64.563774	0.043	1.0	3	2	2	4	0	2		1	1	ANggn
SA5090253	10020281	20	388255	6062674	23I/10	54.700900	-64.734026	2.782	4.0	3	2	5	3	0	0		1	1	ANtgn
SA5090254	10020282	20	386405	6061050	23I/10	54.685898	-64.762086	1.753	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090255	10020283	20	386318	6063625	23I/10	54.709008	-64.764439	0.009	1.0	3	2	2	5	0	0		1	1	P2g
SA5090256	10020284	20	386209	6064580	23I/10	54.717561	-64.766502	0.099	2.0	3	2	2	3	0	0		1	1	P2g
SA5090257	10020285	20	385063	6063330	23I/10	54.706073	-64.783790	0.016	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090258	10020286	20	384463	6060706	23I/10	54.682365	-64.792058	0.251	4.0	1	2	5	3	0	0		1	1	ANggn
SA5090259	10020287	20	383177	6063149	23I/10	54.704012	-64.812972	0.075	7.0	6	2	4	3	0	0		1	1	P2cg
SA5090260	10020288	20	384544	6064981	23I/10	54.720784	-64.792495	40.873	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090261	10020289	20	382490	6065228	23I/10	54.722526	-64.824466	0.067	1.5	1	2	2	3	0	0		1	1	P2cg
SA5090262	10020291	20	381164	6065120	23I/10	54.721244	-64.844998	0.028	1.0	1	2	2	5	0	0		1	1	P2cg
SA5090263	10020292	20	378206	6065342	23I/10	54.722530	-64.890988	0.324	3.0	6	3	2	3	0	0		1	1	P2cg
SA5090264	10020293	20	376877	6065817	23I/10	54.726472	-64.911810	0.076	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090265	10020294	20	374018	6065421	23I/10	54.722207	-64.956004	134.143	3.0	6	3	2	3	0	0		1	1	P2cg
SA5090266	10020295	20	373328	6064870	23I/10	54.717085	-64.966470	0.132	3.0	6	2	2	3	0	1		1	1	P2cg
SA5090267	10020296	20	371514	6064704	23I/10	54.715133	-64.994539	134.143	4.0	1	3	2	3	0	0		1	1	P2cg
SA5090268	10020297	20	373045	6064937	23I/10	54.717615	-64.970890	0.132	6.0	6	2	2	3	0	2		1	1	P2cg
SA5090269	10020298	20	357349	6068086	23I/11	54.741682	-65.215911	134.143	2.0	3	2	5	3	0	0		1	1	ANggn
SA5090270	10020299	20	354841	6066974	23I/11	54.730977	-65.254281	134.143	2.0	3	2	5	3	0	0		1	1	ANggn
SA5090271	10020301	20	353072	6066825	23I/11	54.729124	-65.281655	3.791	2.0	3	2	3	3	0	0		1	1	ANggn
SA5090272	10020302	20	350635	6067245	23I/11	54.732176	-65.319681	134.143	1.0	3	2	4	4	0	0		1	1	ANggn
SA5090273	10020303	20	349406	6067040	23I/11	54.729968	-65.338644	0.008	0.7	2	2	5	5	0	0		1	1	ANtgn
SA5090274	10020304	20	345389	6067192	23I/11	54.730112	-65.401046	0.012	1.0	3	2	1	1	0	0		1	1	ANtgn
SA5090275	10020305	20	343839	6066349	23I/11	54.722063	-65.424641	0.020	1.0	3	2	3	3	0	0		1	1	P2ga
SA5090276	10020306	20	339291	6067190	23I/11	54.728179	-65.495647	0.057	2.0	2	2	5	5	0	0		1	1	ANtgn
SA5090277	10020307	20	340254	6066092	23I/11	54.718628	-65.480106	1.812	2.0	3	2	3	3	0	0		1	1	ANtgn
SA5090278	10020308	20	339115	6062832	23I/11	54.688995	-65.495971	0.022	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090279	10020309	20	341586	6062536	23I/11	54.687122	-65.457515	1.189	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090280	10020311	20	342580	6063487	23I/11	54.695973	-65.442624	0.082	1.0	3	2	3	3	0	0		1	1	P2ga
SA5090281	10020312	20	342419	6064170	23I/11	54.702055	-65.445488	0.016	1.0	3	2	1	1	0	0		1	1	P2ga
SA5090282	10020313	20	344689	6064708	23I/11	54.707593	-65.410582	0.024	1.0	3	2	3	3	0	0		1	1	P2ga
SA5090283	10020314	20	345111	6063466	23I/11	54.696571	-65.403379	0.528	2.0	3	2	3	3	0	0		1	1	P2ga
SA5090284	10020315	20	347711	6064600	23I/11	54.707548	-65.363666	0.014	0.7	3	2	3	3	0	0		1	1	ANtgn
SA5090285	10020316	20	347699	6062972	23I/11	54.692927	-65.363002	0.269	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090286	10020317	20	346460	6061468	23I/11	54.679045	-65.381416	0.962	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090287	10020318	20	344644	6060573	23I/11	54.670451	-65.409078	3.548	1.0	3	2	3	3	0	0		1	1	P2ga
SA5090288	10020319	20	342438	6061335	23I/11	54.676607	-65.443663	0.680	2.0	3	2	1	1	0	0		1	1	P2ga
SA5090289	10020321	20	341833	6060751	23I/11	54.671173	-65.452721	0.007	0.7	3	2	1	1	0	0		1	1	ANtgn
SA5090290	10020322	20	339465	6057982	23I/11	54.645562	-65.487883	0.039	1.0	3	2	1	1	0	0		1	1	ANtgn
SA5090291	10020323	20	342177	6056828	23I/11	54.636058	-65.445275	0.004	1.0	3	2	2	2	0	0		1	1	ANtgn
SA5090292	10020324	20	344658	6058632	23I/11	54.653028	-65.407830	0.062	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090293	10020325	20	345219	6057456	23I/11	54.642641	-65.398521	3.523	2.0	3	2	3	3	0	0		1	1	ANtgn
SA5090294	10020326	20	346337	6057007	23I/11	54.638952	-65.380977	3.523	2.0	3	2	3	3	0	0		1	1	ANtgn
SA5090295	10020327	20	348079	6057209	23I/11	54.641294	-65.354115	0.331	0.7	3	2	3	3	0	1		1	1	ANtgn
SA5090296	10020328	20	349688	6059553	23I/11	54.662825	-65.330410	134.143	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090297	10020329	20	348172	6057611	23I/11	54.644932	-65.352884	0.331	1.7	3	2	3	3	0	2		1	1	ANtgn
SA5090298	10020331	20	349428	6061572	23I/11	54.680876	-65.335478	134.143	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090299	10020332	20	348916	6062533	23I/11	54.689352	-65.343910	134.143	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090300	10020333	20	351365	6062292	23I/11	54.687918	-65.305828	0.008	1.0	3	2	3	3	0	0		1	2	ANggn

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090301	10020334	20	351361	6061498	23I/11	54.680787	-65.305486	0.088	1.0	3	2	4	4	0	0		1	2	ANggn
SA5090302	10020335	20	353433	6061747	23I/11	54.683631	-65.273501	1.085	3.0	3	2	3	3	0	1		1	1	ANggn
SA5090303	10020336	20	352967	6059438	23I/11	54.662761	-65.279561	134.143	1.0	3	2	2	2	0	0		1	1	ANggn
SA5090304	10020337	20	354094	6058653	23I/11	54.656040	-65.261711	134.143	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090305	10020338	20	352892	6057332	23I/11	54.643828	-65.279663	134.143	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090306	10020339	20	354170	6056644	23I/11	54.638021	-65.259533	134.143	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090307	10020341	20	351290	6056813	23I/11	54.638697	-65.304203	134.143	1.0	5	2	5	3	0	0		1	1	ANtgn
SA5090308	10020342	20	349902	6055173	23I/11	54.623559	-65.324849	134.143	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090309	10020343	20	347374	6054897	23I/11	54.620321	-65.363825	1.893	1.0	3	2	4	3	0	0		1	1	ANtgn
SA5090310	10020344	20	344514	6052854	23I/11	54.601103	-65.406993	0.333	2.0	3	2	2	5	0	0		1	1	ANggn
SA5090311	10020345	20	345066	6050539	23I/11	54.580486	-65.397235	0.042	1.0	3	2	5	5	0	0		1	1	ANtgn
SA5090312	10020346	20	342201	6049823	23I/11	54.573170	-65.441129	0.062	1.0	3	2	5	5	0	0		1	1	ANtgn
SA5090313	10020347	20	340560	6049023	23I/11	54.565471	-65.466061	0.035	1.0	3	2	2	2	0	0		1	1	ANtgn
SA5090314	10020348	20	353520	6061986	23I/11	54.685803	-65.272272	1.085	3.0	3	2	3	3	0	2		1	1	ANtgn
SA5090315	10020349	20	339754	6050758	23I/11	54.580794	-65.479461	1.072	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090316	10020351	20	338742	6052907	23I/11	54.599766	-65.496283	0.129	1.0	3	2	5	5	0	0		1	1	ANtgn
SA5090317	10020352	20	338968	6054073	23I/11	54.610307	-65.493428	0.056	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090318	10020353	20	341400	6054654	23I/11	54.616295	-65.456124	0.686	2.0	3	2	4	4	0	0		1	1	ANtgn
SA5090319	10020354	20	341107	6052838	23I/11	54.599897	-65.459673	0.065	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090320	10020355	20	346706	6051716	23I/11	54.591556	-65.372498	0.322	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090321	10020356	20	347500	6053130	23I/11	54.604493	-65.360956	1.893	2.0	3	2	3	3	0	0		1	1	ANtgn
SA5090322	10020357	20	348972	6053157	23I/11	54.605179	-65.338202	0.356	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090323	10020358	20	351101	6052963	23I/11	54.604070	-65.305172	0.149	1.0	3	2	1	1	0	0		1	1	ANtgn
SA5090324	10020359	20	351892	6055121	23I/11	54.623681	-65.294028	134.143	0.7	3	2	2	2	0	0		1	1	ANtgn
SA5090325	10020361	20	352852	6055511	23I/11	54.627464	-65.279367	134.143	2.0	3	2	3	3	0	0		1	1	ANtgn
SA5090326	10020362	20	356330	6056672	23I/11	54.638893	-65.226107	134.143	3.0	3	2	3	3	0	0		1	1	ANggn
SA5090327	10020363	20	359747	6056988	23I/11	54.642694	-65.173357	0.315	1.0	3	2	3	3	0	0		1	1	ANggn
SA5090328	10020364	20	360717	6057956	23I/11	54.651656	-65.158798	134.143	3.0	3	2	3	3	0	0		1	1	ANggn
SA5090329	10020365	20	362289	6057874	23I/11	54.651352	-65.134414	134.143	0.7	3	2	5	5	0	0		1	1	P2cg
SA5090330	10020366	20	362416	6058763	23I/11	54.659371	-65.132865	0.014	1.0	3	2	5	5	0	0		1	1	P2cg
SA5090331	10020367	20	361012	6059398	23I/11	54.664688	-65.154915	134.143	4.0	3	2	3	3	0	0		1	1	ANggn
SA5090332	10020368	20	360813	6060774	23I/11	54.676990	-65.158653	134.143	3.0	3	2	3	3	0	0		1	1	ANggn
SA5090333	10020369	20	360579	6062836	23I/11	54.695443	-65.163265	134.143	2.0	3	2	2	2	0	0		1	1	ANggn
SA5090334	10020371	20	361370	6064089	23I/11	54.706914	-65.151597	0.296	4.0	3	2	3	3	0	0		1	1	ANggn
SA5090335	10020372	20	359794	6065365	23I/11	54.717935	-65.176651	134.143	1.0	3	2	3	3	0	0		1	1	ANggn
SA5090336	10020373	20	359035	6063310	23I/11	54.699269	-65.187431	134.143	2.0	3	2	3	3	0	1		1	1	ANggn
SA5090337	10020374	20	358388	6061859	23I/11	54.686057	-65.196759	6.339	2.0	3	2	2	2	0	0		1	1	ANggn
SA5090338	10020375	20	358977	6063396	23I/11	54.700025	-65.188372	134.143	2.0	3	2	3	3	0	2		1	1	ANggn
SA5090339	10020376	20	358335	6059390	23I/11	54.663870	-65.196383	0.674	2.0	3	2	3	3	0	0		1	1	ANggn
SA5090340	10020377	20	356226	6059349	23I/11	54.662903	-65.229033	0.599	1.0	3	2	3	3	0	0		1	1	ANggn
SA5090341	10020378	20	356241	6060751	23I/11	54.675498	-65.229491	6.339	3.0	3	2	5	3	0	1		1	1	ANggn
SA5090342	10020379	20	356659	6062474	23I/11	54.691089	-65.223860	6.339	1.0	3	2	5	3	0	0		1	1	ANggn
SA5090343	10020381	20	356161	6064823	23I/11	54.712041	-65.232738	0.353	1.0	3	2	4	3	0	0		1	1	ANggn
SA5090344	10020382	20	336917	6015667	23I/06	54.264820	-65.504019	0.023	1.0	2	2	4	5	0	0		1	1	ANtgn
SA5090345	10020383	20	338159	6016585	23I/06	54.273458	-65.485466	0.407	1.0	2	2	7	1	0	0		1	1	ANtgn
SA5090346	10020384	20	340909	6016010	23I/06	54.269160	-65.442970	2.283	1.0	2	2	5	3	0	0		1	1	ANtgn
SA5090347	10020385	20	343460	6015666	23I/06	54.266859	-65.403656	1.942	4.0	3	2	3	1	0	0		1	1	ANtgn
SA5090348	10020386	20	343209	6018042	23I/06	54.288117	-65.408751	2.283	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090349	10020387	20	343231	6019741	23I/06	54.303380	-65.409304	2.283	1.0	3	2	3	3	0	0		1	1	ANtgn
SA5090350	10020388	20	341668	6017647	23I/06	54.284095	-65.432192	2.283	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090351	10020389	20	337369	6017688	23I/06	54.283110	-65.498185	0.473	1.0	3	2	7	1	1	0		1	1	ANtgn
SA5090352	10020391	20	341148	6019921	23I/06	54.304352	-65.441380	0.082	1.0	2	2	4	3	3	0		1	1	ANtgn
SA5090353	10020392	20	342572	6021354	23I/06	54.317661	-65.420272	0.050	0.5	2	2	5	3	3	0		2	1	ANtgn
SA5090354	10020393	20	343007	6022451	23I/06	54.327645	-65.414168	0.021	1.0	1	2	4	5	5	0		1	1	ANtgn
SA5090355	10020394	20	339398	6022205	23I/06	54.324311	-65.469477	0.340	1.0	1	2	5	3	3	0		1	1	ANtgn
SA5090356	10020395	20	341881	6023549	23I/06	54.337156	-65.432048	0.092	1.0	1	2	5	3	3	0		2	1	ANtgn
SA5090357	10020396	20	340730	6024796	23I/06	54.347994	-65.450400	0.140	1.0	3	2	2	3	3	0		1	1	ANtgn
SA5090358	10020397	20	356218	6060806	23I/11	54.675985	-65.229874	6.339	2.0	3	2	5	3	3	2		1	1	ANggn
SA5090359	10020398	20	339460	6024916	23I/06	54.348673	-65.469984	2.231	2.0	1	2	5	4	4	0		1	1	ANtgn
SA5090360	10020399	20	341528	6026976	23I/06	54.367818	-65.439295	0.007	1.0	1	2	5	5	5	0		1	1	ANtgn

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090361	10020401	20	343879	6026270	23I/06	54.362206	-65.402772	0.005	1.0	3	2	4	3	0	0		2	1	ANtgn
SA5090362	10020402	20	345757	6027395	23I/06	54.372880	-65.374480	2.077	1.0	3	2	13	3	0	0		1	1	ANtgn
SA5090363	10020403	20	340713	6029587	23I/06	54.391008	-65.453226	0.005	4.0	1	2	5	3	0	0		1	1	ANtgn
SA5090364	10020404	20	338599	6030665	23I/06	54.400020	-65.486336	0.432	9.0	1	2	5	3	5	0		1	1	P2ga
SA5090365	10020405	20	343848	6038115	23I/06	54.468555	-65.409481	194.003	2.0	1	2	2	3	0	0		1	1	ANtgn
SA5090366	10020406	20	351248	6013968	23I/06	54.253939	-65.283337	0.031	4.0	1	2	5	3	0	0		1	1	ANtgn
SA5090367	10020407	20	351219	6015692	23I/06	54.269413	-65.284638	1.008	1.0	3	2	7	3	0	0		1	1	ANtgn
SA5090368	10020408	20	349449	6015671	23I/06	54.268705	-65.311782	5700.000	1.0	3	2	13	2	0	0		1	1	ANtgn
SA5090369	10020409	20	346224	6014397	23I/06	54.256304	-65.360604	0.242	1.0	1	2	6	3	0	0		2	1	ANtgn
SA5090370	10020411	20	345366	6015819	23I/06	54.268814	-65.374496	0.007	1.0	2	2	2	5	0	0		1	1	ANtgn
SA5090371	10020412	20	346974	6017860	23I/06	54.287626	-65.350871	6.358	2.0	1	2	5	3	0	1		1	1	ANtgn
SA5090372	10020413	20	348819	6017547	23I/06	54.285366	-65.322395	5700.000	1.0	1	2	5	2	0	0		1	1	ANtgn
SA5090373	10020414	20	352222	6017188	23I/06	54.283139	-65.269988	2.335	2.0	1	2	13	4	0	0		1	1	ANtgn
SA5090374	10020415	20	350641	6018766	23I/06	54.296849	-65.295040	0.472	1.0	1	2	5	1	0	0		1	1	ANtgn
SA5090375	10020416	20	347016	6017696	23I/06	54.286166	-65.350143	6.358	2.0	1	2	5	3	0	2		1	1	ANtgn
SA5090376	10020417	20	345795	6021010	23I/06	54.315557	-65.370592	6.358	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090377	10020418	20	347403	6021497	23I/06	54.320414	-65.346144	0.086	0.5	3	3	7	3	0	0		3	1	ANtgn
SA5090378	10020419	20	348769	6024468	23I/06	54.347501	-65.326668	42.057	1.5	3	2	2	1	0	0		1	1	ANtgn
SA5090379	10020421	20	346888	6024680	23I/06	54.348842	-65.355689	0.031	0.7	3	2	4	5	0	0		1	2	ANtgn
SA5090380	10020422	20	345793	6025522	23I/06	54.356073	-65.372956	2.077	1.0	3	2	13	3	0	0		2	1	ANtgn
SA5090381	10020423	20	347662	6027098	23I/06	54.370788	-65.345029	42.057	0.7	1	2	5	2	0	0		1	1	ANtgn
SA5090382	10020424	20	348933	6028358	23I/06	54.382481	-65.326121	0.301	1.0	3	2	4	3	0	1		1	1	ANtgn
SA5090383	10020425	20	351272	6027407	23I/06	54.374627	-65.289662	1.354	2.0	3	2	5	1	0	0		1	2	ANtgn
SA5090384	10020426	20	352875	6029233	23I/06	54.391495	-65.265909	0.568	2.0	3	2	5	4	0	0		1	1	ANtgn
SA5090385	10020427	20	352054	6029266	23I/06	54.391553	-65.278559	0.609	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090386	10020428	20	348081	6028963	23I/06	54.387660	-65.339537	42.057	2.0	3	2	2	1	0	0		1	2	ANtgn
SA5090387	10020429	20	346440	6029828	23I/06	54.394934	-65.365232	42.057	1.0	3	2	2	1	0	0		1	1	ANtgn
SA5090388	10020431	20	344702	6031567	23I/06	54.410021	-65.392885	0.581	1.5	1	2	13	3	0	0		1	1	ANtgn
SA5090389	10020432	20	346518	6032169	23I/06	54.415979	-65.365241	42.057	2.0	3	2	7	3	0	0		1	1	ANtgn
SA5090390	-9	20	349526	6031389	23i/06	54.409875	-65.318533	0.149	-9	3	2	-9	-9	0	0		1	1	ANtgn
SA5090391	10020434	20	350626	6031490	23I/06	54.411107	-65.301651	0.331	2.0	3	2	5	4	0	0		1	1	ANtgn
SA5090392	10020435	20	354572	6031811	23I/06	54.415135	-65.241058	134.143	1.5	3	2	7	4	0	0		1	1	ANtgn
SA5090393	10020436	20	353028	6035035	23I/06	54.443642	-65.266428	134.143	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090394	10020437	20	350748	6035879	23I/06	54.450556	-65.301982	134.143	2.0	1	2	5	3	0	0		1	1	ANtgn
SA5090395	10020438	20	348927	6028219	23I/06	54.381231	-65.326143	0.301	1.0	3	2	4	5	0	2		1	1	ANtgn
SA5090396	10020439	20	347712	6035186	23I/06	54.443430	-65.348408	194.003	2.0	1	2	7	3	0	0		1	1	ANtgn
SA5090397	10020441	20	347183	6036758	23I/06	54.457387	-65.357369	194.003	2.0	1	2	7	3	0	0		1	1	ANtgn
SA5090398	10020442	20	345107	6035118	23I/06	54.442031	-65.388505	194.003	1.0	1	2	5	4	0	0		1	1	ANtgn
SA5090399	10020443	20	343332	6033629	23I/06	54.428116	-65.415063	0.825	1.0	1	2	5	4	0	0		1	1	ANtgn
SA5090400	10020444	20	340424	6036432	23I/06	54.452377	-65.461354	194.003	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090401	10020445	20	341769	6037330	23I/06	54.460862	-65.441109	194.003	1.0	1	2	7	1	0	0		1	1	ANtgn
SA5090402	10020446	20	345048	6038761	23I/06	54.474724	-65.391321	194.003	1.5	3	2	2	2	0	0		1	1	ANtgn
SA5090403	-9	20	348173	6037938	23I/06	54.468280	-65.342717	194.003	-9	1	2	-9	-9	0	0		1	1	ANtgn
SA5090404	10020448	20	349373	6038016	23I/06	54.469339	-65.324257	134.143	1.5	1	2	7	4	0	0		1	1	ANtgn
SA5090405	10020449	20	351522	6037555	23I/06	54.465833	-65.290895	134.143	2.0	1	2	7	3	0	0		1	1	ANtgn
SA5090406	10020451	20	352480	6038041	23I/06	54.470477	-65.276369	134.143	2.0	1	2	5	3	0	0		1	1	ANtgn
SA5090407	10020452	20	349498	6039315	23I/06	54.481040	-65.322991	134.143	1.0	1	2	7	3	0	0		1	1	ANtgn
SA5090408	10020453	20	348559	6041364	23I/06	54.499160	-65.338522	0.298	1.5	3	2	4	5	0	0		1	1	ANtgn
SA5090409	-9	20	347705	6041455	23I/06	54.499721	-65.351744	0.046	-9	2	2	-9	-9	0	0		1	1	ANtgn
SA5090410	10020455	20	344687	6040719	23I/06	54.492195	-65.397916	194.003	1.0	3	2	7	1	0	0		1	1	ANtgn
SA5090411	10020456	20	342539	6039943	23I/06	54.484564	-65.430633	194.003	2.0	1	2	2	1	0	0		1	1	P2ga
SA5090412	10020457	20	339901	6039228	23I/06	54.477317	-65.470925	194.003	0.7	3	2	7	3	0	0		1	1	ANtgn
SA5090413	10020458	20	340709	6040725	23I/06	54.491013	-65.459275	194.003	2.0	3	2	4	2	0	0		1	1	ANtgn
SA5090414	-9	20	338973	6042766	23I/11	54.508789	-65.487162	194.003	-9	3	2	-9	-9	0	0		1	1	ANtgn
SA5090415	10020461	20	340993	6043466	23I/11	54.515713	-65.456371	194.003	2.0	1	2	2	1	0	1		1	1	ANtgn
SA5090416	10020462	20	345455	6042361	23I/11	54.507174	-65.386929	194.003	2.0	3	2	7	3	0	0		1	1	ANtgn
SA5090417	10020463	20	347427	6043237	23I/11	54.515638	-65.356954	8.006	2.0	3	2	4	3	0	0		1	1	ANtgn
SA5090418	10020464	20	348961	6042396	23I/11	54.508547	-65.332848	8.006	1.0	3	2	2	3	0	0		1	1	ANtgn
SA5090419	10020465	20	355507	6054558	23I/11	54.619674	-65.237806	134.143	1.0	1	2	2	2	0	0		1	1	ANtgn
SA5090420	-9	20	341034	6043255	23I/11	54.513832	-65.455624	194.003	-9	1	2	-9	-9	0	2		1	1	ANtgn

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090421	10020467	20	352406	6052313	23I/11	54.598616	-65.284660	134.143	1.0	3	2	7	1	0	0		1	1	ANtgn
SA5090422	10020468	20	350548	6051162	23I/11	54.587734	-65.312809	1.901	2.0	3	2	2	3	0	0		1	1	ANtgn
SA5090423	10020469	20	349618	6049644	23I/11	54.573827	-65.326411	194.003	3.0	3	2	2	3	0	0		1	1	ANtgn
SA5090424	10020471	20	348847	6047261	23I/11	54.552198	-65.337102	0.064	1.0	3	2	4	3	0	0		1	1	ANtgn
SA5090425	10020472	20	350162	6047096	23I/11	54.551108	-65.316705	0.058	1.0	3	2	4	3	0	1		3	1	ANtgn
SA5090426	10020473	20	349127	6045600	23I/11	54.537367	-65.331926	8.006	1.0	3	2	4	3	0	0		1	1	ANtgn
SA5090427	10020474	20	350364	6045002	23I/11	54.532365	-65.312520	8.006	1.0	3	2	4	1	0	0		1	1	ANtgn
SA5090428	-9	20	350395	6043881	23I/11	54.522308	-65.311473	8.006	-9	3	2	-9	-9	0	0		1	1	ANtgn
SA5090429	10020476	20	352769	6041461	23I/11	54.501273	-65.273618	134.143	1.0	1	2	7	1	0	0		1	1	ANtgn
SA5090430	10020477	20	350190	6046908	23I/11	54.549428	-65.316176	0.058	1.0	3	2	4	3	0	2		3	1	ANtgn
SA5090431	10020478	20	354764	6041794	23I/11	54.504839	-65.243000	134.143	1.0	3	2	13	1	0	0		1	1	ANtgn
SA5090432	10020479	20	355553	6040484	23I/06	54.493301	-65.230184	134.143	1.5	3	2	5	3	0	0		1	1	ANtgn
SA5090433	10020481	20	355363	6039422	23I/06	54.483710	-65.232595	134.143	1.5	3	2	2	3	0	0		1	1	ANtgn
SA5090434	10020482	20	356704	6038190	23I/06	54.473027	-65.211316	0.098	0.7	3	2	4	3	0	0		3	1	ANtgn
SA5090435	10020483	20	356391	6035239	23I/06	54.446437	-65.214710	134.143	1.0	1	2	7	1	0	0		1	2	ANtgn
SA5090436	10020484	20	355049	6035009	23I/06	54.443990	-65.235276	0.429	0.5	3	2	4	3	0	0		1	1	ANtgn
SA5090437	10020485	20	355776	6030978	23I/06	54.407997	-65.222115	134.143	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090438	10020486	20	355217	6028821	23I/06	54.388468	-65.229669	0.132	0.4	2	3	5	3	0	0		1	1	ANtgn
SA5090439	10020487	20	356627	6027710	23I/06	54.378890	-65.207437	134.143	2.0	1	2	2	3	0	0		1	1	ANtgn
SA5090440	10020488	20	357310	6029314	23I/06	54.393487	-65.197700	134.143	4.0	1	2	5	3	0	0		1	1	ANtgn
SA5090441	10020489	20	358708	6031253	23I/06	54.411291	-65.177108	134.143	1.0	1	2	13	1	0	0		1	1	ANggn
SA5090442	10020491	20	360197	6031491	23I/06	54.413840	-65.154294	0.069	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090443	10020492	20	358461	6034288	23I/06	54.438478	-65.182359	0.118	1.5	1	2	2	3	0	0		3	1	ANggn
SA5090444	10020493	20	360222	6035215	23I/06	54.447292	-65.155665	0.014	6.0	1	2	4	3	0	0		1	1	ANggn
SA5090445	-9	20	359608	6037323	23I/06	54.466053	-65.166126	134.143	-9	1	2	-9	-9	0	0		1	1	ANggn
SA5090446	10020495	20	359409	6038991	23I/06	54.480978	-65.169987	134.143	1.0	1	2	13	1	0	0		1	1	ANggn
SA5090447	10020496	20	362153	6014161	23I/06	54.258731	-65.116165	5700.000	4.0	3	2	2	3	0	0		1	1	P2cg
SA5090448	10020497	20	360607	6013430	23I/06	54.251747	-65.139541	0.011	2.0	3	2	5	3	0	0		1	1	ANggn
SA5090449	10020498	20	360531	6014332	23I/06	54.259827	-65.141126	0.406	1.0	1	3	2	3	0	0		1	1	ANggn
SA5090450	10020499	20	359243	6014729	23I/06	54.263039	-65.161071	0.666	4.0	1	2	5	3	0	0		1	1	ANggn
SA5090451	10020501	20	355671	6014023	23I/06	54.255702	-65.215527	0.002	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090452	10020502	20	356360	6015764	23I/06	54.271532	-65.205794	2.261	1.0	1	2	2	3	0	1		1	1	ANggn
SA5090453	10020503	20	354320	6017792	23I/06	54.289166	-65.238082	0.079	2.0	1	2	5	5	0	0		1	1	ANtgn
SA5090454	10020504	20	357040	6017242	23I/06	54.284996	-65.196067	2.261	2.0	1	2	7	1	0	0		1	1	ANggn
SA5090455	10020505	20	358277	6017368	23I/06	54.286473	-65.177139	2.799	3.0	1	2	5	3	0	0		1	1	ANggn
SA5090456	10020506	20	360116	6016698	23I/06	54.280963	-65.148598	5700.000	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090457	10020507	20	357539	6019114	23I/06	54.301948	-65.189299	1.450	2.0	1	2	13	3	0	0		1	1	ANggn
SA5090458	10020508	20	354609	6019206	23I/06	54.301947	-65.234334	0.032	1.5	1	2	2	3	0	0		3	1	ANtgn
SA5090459	10020509	20	354631	6020273	23I/06	54.311536	-65.234515	0.426	1.3	3	2	2	3	0	0		3	2	ANtgn
SA5090460	10020511	20	356243	6015746	23I/06	54.271337	-65.207581	2.261	1.3	1	2	5	3	0	2		1	1	ANggn
SA5090461	10020512	20	352953	6020982	23I/06	54.317421	-65.260635	3.540	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090462	10020513	20	353034	6023121	23I/06	54.336654	-65.260445	3.540	1.5	3	2	5	3	0	0		1	1	ANtgn
SA5090463	10020514	20	354967	6022875	23I/06	54.334999	-65.230619	1.235	2.0	1	2	5	3	0	0		1	1	ANtgn
SA5090464	10020515	20	356574	6022884	23I/06	54.335534	-65.205928	3.591	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090465	10020516	20	356723	6020788	23I/06	54.316753	-65.202632	1.450	1.0	1	2	5	3	0	0		1	1	ANtgn
SA5090466	10020517	20	359099	6021750	23I/06	54.326055	-65.166589	3.591	1.5	3	2	5	3	0	0		1	1	ANggn
SA5090467	10020518	20	361205	6022544	23I/06	54.333764	-65.134600	0.033	2.0	2	2	2	3	0	0		3	1	ANggn
SA5090468	10020519	20	358453	6023818	23I/06	54.344448	-65.177495	3.591	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090469	10020521	20	356171	6025117	23I/06	54.355474	-65.213199	0.025	1.0	3	2	2	3	0	0		1	1	ANtgn
SA5090470	10020522	20	353624	6024745	23I/06	54.351408	-65.252176	0.452	1.0	3	2	13	3	0	1		1	1	ANtgn
SA5090471	10020523	20	353583	6026595	23I/06	54.368009	-65.253715	6.662	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090472	10020524	20	354764	6026931	23I/06	54.371365	-65.235716	6.662	3.0	3	2	5	3	0	0		1	1	ANtgn
SA5090473	10020525	20	359084	6026523	23I/06	54.368916	-65.169076	1.524	3.0	6	3	5	3	0	0		1	1	ANggn
SA5090474	10020526	20	353536	6024798	23I/06	54.351858	-65.253554	0.452	1.0	3	2	13	3	0	2		1	1	ANtgn
SA5090475	10020527	20	359652	6025569	23I/06	54.360505	-65.159890	1.524	4.0	6	2	5	3	0	0		1	1	ANggn
SA5090476	10020528	20	362101	6025407	23I/06	54.359720	-65.122155	0.960	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090477	10020529	20	361538	6026555	23I/06	54.369877	-65.131346	0.960	1.5	6	2	2	3	0	0		1	1	ANggn
SA5090478	10020531	20	360866	6029397	23I/06	54.395218	-65.143012	134.143	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090479	10020532	20	359555	6029480	23I/06	54.395603	-65.163228	0.013	3.0	2	2	5	5	0	0		1	1	P2cg
SA5090480	10020533	20	341415	6044800	23I/11	54.527823	-65.450576	194.003	2.0	3	2	2	1	0	0		1	1	ANtgn

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090481	10020534	20	340615	6047181	23I/11	54.548950	-65.464214	194.003	1.0	1	2	2	1	0	0		1	1	ANtgn
SA5090482	10020535	20	342106	6046681	23I/11	54.544929	-65.440917	0.169	1.0	3	2	2	1	0	0		1	1	ANtgn
SA5090483	10020536	20	342953	6045161	23I/11	54.531545	-65.427026	194.003	1.0	3	2	2	5	0	0		1	1	ANtgn
SA5090484	10020537	20	343285	6046696	23I/11	54.545431	-65.422717	194.003	1.0	3	2	7	1	0	0		1	1	ANtgn
SA5090485	10020538	20	344453	6046920	23I/11	54.547803	-65.404796	194.003	1.5	3	2	5	3	0	1		1	1	P2ga
SA5090486	10020539	20	348397	6051335	23I/11	54.588646	-65.346155	194.003	1.3	3	2	10	5	0	0		1	1	ANtgn
SA5090487	10020541	20	347514	6049623	23I/11	54.573007	-65.358918	194.003	3.0	1	2	5	3	0	0		1	1	ANtgn
SA5090488	10020542	20	347358	6047606	23I/11	54.554848	-65.360283	194.003	3.0	1	2	5	3	0	0		1	1	ANtgn
SA5090489	10020543	20	347643	6044463	23I/11	54.526712	-65.354254	8.006	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090490	10020544	20	344683	6046833	23I/11	54.547092	-65.401198	194.003	1.5	3	2	7	1	0	2		1	1	P2ga
SA5090491	10020545	20	352844	6045309	23I/11	54.535849	-65.274381	134.143	2.0	3	2	2	3	0	0		1	1	ANtgn
SA5090492	10020546	20	354354	6044265	23I/11	54.526911	-65.250547	134.143	3.0	3	2	13	3	0	0		1	1	ANtgn
SA5090493	10020547	20	354733	6047104	23I/11	54.552515	-65.246096	134.143	1.0	3	2	7	1	0	0		1	1	ANtgn
SA5090494	10020548	20	353521	6047364	23I/11	54.554500	-65.264949	134.143	2.0	3	2	10	1	0	0		1	1	ANtgn
SA5090495	10020549	20	352854	6049852	23I/11	54.576648	-65.276498	0.243	1.5	1	2	2	3	0	0		1	1	ANtgn
SA5090496	10020551	20	354710	6049665	23I/11	54.575506	-65.247716	134.143	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090497	10020552	20	353701	6051918	23I/11	54.595447	-65.264435	134.143	1.0	1	2	7	1	0	0		1	1	ANtgn
SA5090498	10020553	20	355742	6051008	23I/11	54.587862	-65.232424	134.143	2.0	1	2	10	1	0	0		1	1	ANtgn
SA5090499	10020554	20	355087	6053507	23I/11	54.610116	-65.243785	134.143	0.5	2	2	5	3	0	0		1	1	ANtgn
SA5090500	10020555	20	357471	6053008	23I/11	54.606314	-65.206661	134.143	0.7	3	2	2	5	0	0		1	1	ANggn
SA5090501	10020556	20	356794	6049516	23I/11	54.574763	-65.215430	2.483	1.0	3	2	7	1	0	0		1	1	ANggn
SA5090502	10020557	20	357696	6047627	23I/11	54.558055	-65.200573	0.012	0.7	3	2	2	3	0	0		3	1	ANggn
SA5090503	10020558	20	357014	6044315	23I/11	54.528119	-65.209503	134.143	1.5	3	2	7	1	0	0		1	1	ANtgn
SA5090504	10020559	20	356879	6042457	23I/11	54.511396	-65.210685	134.143	1.0	3	2	7	1	0	0		1	1	ANtgn
SA5090505	10020561	20	357078	6040362	23I/11	54.492638	-65.206600	134.143	2.0	1	2	5	3	0	0		1	1	ANtgn
SA5090506	10020562	20	359063	6040552	23I/11	54.494901	-65.176068	134.143	0.7	1	2	2	1	0	0		1	1	ANggn
SA5090507	10020563	20	360637	6041153	23I/11	54.500734	-65.152068	134.143	0.4	3	2	2	5	0	0		3	1	ANggn
SA5090508	10020564	20	362343	6041323	23I/11	54.502727	-65.125824	134.143	0.2	3	2	6	3	0	1		1	1	ANggn
SA5090509	10020565	20	363611	6042709	23I/11	54.515518	-65.106897	0.273	2.5	6	2	5	3	0	0		1	1	ANggn
SA5090510	10020566	20	360894	6043045	23I/11	54.517796	-65.148995	134.143	1.7	3	2	2	3	0	0		1	1	ANggn
SA5090511	-9	20	359328	6043168	23I/11	54.518467	-65.173227	134.143	-9	3	2	-9	-9	0	0		1	1	ANggn
SA5090512	10020568	20	361131	6046159	23I/11	54.545827	-65.146804	0.025	1.0	3	2	2	4	0	0		3	1	ANggn
SA5090513	10020569	20	362699	6040667	23I/11	54.496932	-65.120025	134.143	2.0	3	2	6	3	0	2		1	1	ANggn
SA5090514	10020571	20	363498	6045430	23I/11	54.539924	-65.109902	0.072	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090515	10020572	20	365185	6046522	23I/11	54.550184	-65.084345	0.082	1.0	1	2	5	4	0	0		1	1	ANggn
SA5090516	10020573	20	359004	6047807	23I/11	54.560038	-65.180449	0.297	2.0	1	2	4	3	0	0		1	1	ANggn
SA5090517	10020574	20	360764	6049540	23I/11	54.576089	-65.154073	134.143	2.0	6	2	2	3	0	0		1	1	ANggn
SA5090518	10020575	20	364004	6050014	23I/11	54.581229	-65.104206	0.733	1.0	1	1	2	4	0	0		1	1	P2cg
SA5090519	10020576	20	364746	6049503	23I/11	54.576839	-65.092498	0.733	1.0	1	1	5	3	0	0		1	1	P2cg
SA5090520	10020577	20	366188	6049194	23I/11	54.574448	-65.070065	0.038	1.0	1	1	5	5	0	0		1	1	P2cg
SA5090521	10020578	20	366349	6051290	23I/11	54.593315	-65.068530	0.374	1.0	6	2	2	4	0	0		1	1	P2cg
SA5090522	10020579	20	365634	6051629	23I/11	54.596170	-65.079743	0.374	1.3	6	2	5	3	0	0		1	1	P2cg
SA5090523	10020581	20	361742	6051623	23I/11	54.595065	-65.139935	0.109	0.7	6	2	5	2	0	0		1	1	P2cg
SA5090524	10020582	20	360789	6051119	23I/11	54.590277	-65.154435	0.022	2.0	3	2	2	-9	0	0		1	1	ANggn
SA5090525	10020583	20	359373	6050983	23I/11	54.588663	-65.176267	134.143	3.0	1	2	5	3	0	0		1	1	ANggn
SA5090526	10020584	20	359415	6053662	23I/11	54.612733	-65.176901	134.143	2.0	1	2	12	2	0	0		1	1	ANggn
SA5090527	10020585	20	358354	6054845	23I/11	54.623060	-65.193888	134.143	4.0	1	2	5	3	0	1		1	1	ANggn
SA5090528	10020586	20	361167	6054538	23I/11	54.621085	-65.150208	0.056	1.0	2	2	2	4	0	0		1	1	ANggn
SA5090529	10020587	20	365161	6053863	23I/11	54.616107	-65.088086	0.071	0.5	2	2	5	3	0	0		1	1	P2cg
SA5090530	10020588	20	357984	6054563	23I/11	54.620423	-65.199478	134.143	4.0	1	2	5	3	0	2		1	1	ANggn
SA5090531	10020589	20	366787	6053378	23I/11	54.612184	-65.062704	0.109	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090532	10020591	20	366449	6054849	23I/11	54.625305	-65.068604	0.058	1.0	2	2	5	4	0	0		1	1	P2cg
SA5090533	10020592	20	365410	6065325	23I/11	54.719112	-65.089512	0.023	2.5	6	2	2	3	0	0		1	1	P2cg
SA5090534	10020593	20	365523	6067321	23I/11	54.737068	-65.088681	0.047	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090535	10020594	20	361742	6068496	23I/11	54.746593	-65.147920	0.002	1.0	2	2	2	5	0	0		3	2	P2cg
SA5090536	10020595	20	359935	6066845	23I/11	54.731265	-65.175176	134.143	1.0	1	2	5	4	0	0		1	1	P2cg
SA5090537	10020596	20	361543	6039763	23I/06	54.488499	-65.137437	134.143	1.0	3	2	5	4	0	0		1	1	ANggn
SA5090538	10020597	20	363603	6039105	23I/06	54.483148	-65.105356	134.143	1.5	1	2	5	3	0	0		1	1	ANggn
SA5090539	10020598	20	361216	6036850	23I/06	54.462248	-65.141114	134.143	2.0	3	2	2	2	0	0		1	1	ANggn
SA5090540	10020599	20	363602	6036805	23I/06	54.462491	-65.104310	134.143	1.0	3	2	5	1	0	0		1	1	ANggn

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090541	10020601	20	362668	6035764	23I/06	54.452890	-65.118226	134.143	0.7	3	2	5	3	0	0		1	1	ANggn
SA5090542	10020602	20	363366	6034084	23I/06	54.437990	-65.106693	0.237	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090543	10020603	20	361351	6031933	23I/06	54.418126	-65.136732	134.143	1.0	3	2	2	2	0	0		1	1	ANggn
SA5090544	10020604	20	362251	6031837	23I/06	54.417509	-65.122828	0.342	3.0	1	2	5	3	0	0		1	1	ANggn
SA5090545	10020605	20	363104	6029872	23I/06	54.400092	-65.108786	0.017	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090546	10020606	20	364813	6030477	23I/06	54.405983	-65.082755	0.103	2.0	1	2	2	3	0	1		1	1	P2cg
SA5090547	10020607	20	365195	6029430	23I/06	54.396681	-65.076399	1.369	1.0	3	2	2	4	0	0		1	1	P2cg
SA5090548	10020608	20	365906	6027862	23I/06	54.382786	-65.064748	1.369	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090549	10020609	20	364565	6027211	23I/06	54.376584	-65.085085	0.707	2.5	6	2	2	3	0	0		1	1	P2cg
SA5090550	10020611	20	363210	6027584	23I/06	54.379571	-65.106102	0.082	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090551	10020612	20	362350	6022800	23I/06	54.336373	-65.117122	1.609	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090552	10020613	20	361552	6021054	23I/06	54.320476	-65.128576	0.034	1.0	3	2	2	4	0	0		1	1	ANggn
SA5090553	10020614	20	363268	6020372	23I/06	54.314814	-65.101900	1.609	1.7	3	2	5	3	0	0		1	1	ANggn
SA5090554	10020615	20	362693	6018959	23I/06	54.301969	-65.110083	0.822	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090555	10020616	20	362655	6017656	23I/06	54.290256	-65.110068	0.035	1.0	2	2	2	4	0	0		1	1	ANggn
SA5090556	-9	20	365320	6013753	23I/06	54.255912	-65.067399	5700.000	-9	1	1	-9	-9	0	0		1	1	P2cg
SA5090557	10020618	20	365765	6016017	23I/06	54.276363	-65.061588	0.047	1.7	6	2	2	3	0	0		1	1	P2cg
SA5090558	10020619	20	367229	6015345	23I/06	54.270710	-65.038821	0.026	1.0	6	2	2	3	0	0		1	1	P2cg
SA5090559	10020621	20	367228	6017507	23I/06	54.290128	-65.039796	0.006	4.0	3	2	2	3	0	0		1	1	P2cg
SA5090560	10020622	20	364784	6030575	23I/06	54.406855	-65.083246	0.103	2.0	1	2	2	3	0	2		1	1	P2cg
SA5090561	10020623	20	366077	6018545	23I/06	54.299150	-65.057931	0.087	5.0	6	2	3	3	0	0		1	1	P2cg
SA5090562	10020624	20	365935	6020542	23I/06	54.317049	-65.061008	0.151	1.5	3	2	2	3	0	0		3	1	ANggn
SA5090563	10020625	20	365349	6023336	23I/06	54.341989	-65.071272	134.143	3.0	3	2	3	3	0	0		1	1	ANggn
SA5090564	10020626	20	368545	6024461	23I/06	54.352928	-65.022640	0.095	1.5	6	2	5	5	0	0		1	1	P2cg
SA5090565	10020627	20	367775	6023238	23I/06	54.341744	-65.033936	0.199	2.0	3	2	2	3	0	0		1	1	P2cg
SA5090566	10020628	20	367268	6025688	23I/06	54.363617	-65.042821	0.154	1.0	6	2	5	3	0	0		1	1	P2cg
SA5090567	10020629	20	369303	6027122	23I/06	54.377024	-65.012153	0.182	1.5	3	2	2	3	0	0		1	1	P2cg
SA5090568	10020631	20	367997	6028192	23I/06	54.386297	-65.032720	0.053	1.7	6	2	2	3	0	1		1	1	P2cg
SA5090569	10020632	20	369462	6031699	23I/06	54.418174	-65.011718	0.564	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090570	10020633	20	368607	6033094	23I/06	54.430482	-65.025510	0.101	1.5	6	2	5	3	0	0		1	1	P2cg
SA5090571	10020634	20	367361	6031699	23I/06	54.417629	-65.044074	0.184	1.5	6	2	2	3	0	0		1	1	P2cg
SA5090572	10020635	20	366879	6033761	23I/06	54.436023	-65.052422	0.021	1.5	3	2	2	5	0	0		1	1	P2cg
SA5090573	10020636	20	364860	6033892	23I/06	54.436666	-65.083587	0.058	1.0	3	2	2	3	0	0		3	1	ANggn
SA5090574	10020637	20	366041	6035407	23I/06	54.450586	-65.066077	0.220	3.0	6	2	3	3	0	0		1	1	ANggn
SA5090575	10020638	20	367991	6028293	23I/06	54.387202	-65.032858	0.053	1.5	6	2	5	3	0	2		1	1	ANggn
SA5090576	10020639	20	365413	6036360	23I/06	54.458979	-65.076189	0.095	1.3	3	2	2	3	0	0		1	1	P2cg
SA5090577	10020641	20	366762	6035501	23I/06	54.451620	-65.055007	0.008	1.0	3	2	2	5	0	0		1	1	P2cg
SA5090578	10020642	20	367445	6037442	23I/06	54.469232	-65.045350	0.041	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090579	10020643	20	367168	6038769	23I/06	54.481077	-65.050217	0.204	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090580	10020644	20	366414	6040017	23I/06	54.492088	-65.062410	0.074	1.5	3	2	2	3	0	0		1	1	P2cg
SA5090581	10020645	20	365468	6040027	23I/06	54.491927	-65.077010	0.165	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090582	10020646	20	369268	6039245	23I/06	54.485899	-65.018037	0.157	1.5	3	2	5	3	0	0		2	1	P2cg
SA5090583	10020647	20	369644	6036768	23I/06	54.463748	-65.011145	0.095	2.0	6	2	2	3	0	0		1	1	P2cg
SA5090584	10020648	20	369951	6035325	23I/06	54.450867	-65.005778	0.078	1.5	6	2	5	4	0	0		1	1	P2cg
SA5090585	10020649	20	371752	6035087	23I/07	54.449187	-64.977916	0.905	2.5	6	2	13	3	0	1		1	1	P2cg
SA5090586	10020651	20	370961	6033461	23I/07	54.434382	-64.989399	0.344	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090587	10020652	20	370442	6030455	23I/07	54.407251	-64.996082	1.559	5.0	6	2	5	3	0	0		1	1	P2cg
SA5090588	10020653	20	370960	6029135	23I/07	54.395527	-64.987533	1.559	7.0	6	2	5	3	0	0		1	1	P2cg
SA5090589	10020654	20	371865	6027579	23I/07	54.381780	-64.972933	0.453	1.0	6	2	5	2	0	0		1	1	P2cg
SA5090590	10020655	20	372811	6025764	23I/07	54.365715	-64.957600	0.146	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090591	10020656	20	371054	6024530	23I/07	54.354189	-64.984090	0.011	5.0	6	2	5	3	0	0		1	1	P2cg
SA5090592	10020657	20	371646	6022904	23I/07	54.339734	-64.974287	0.027	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090593	10020658	20	372177	6021852	23I/07	54.330419	-64.965674	0.081	2.0	1	2	5	3	0	0		1	2	P2cg
SA5090594	10020659	20	371766	6021472	23I/07	54.326902	-64.971827	0.123	3.0	1	2	5	3	0	0		1	2	P2cg
SA5090595	10020661	20	371420	6015254	23I/07	54.270965	-64.974469	134.143	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090596	10020662	20	372985	6014342	23I/07	54.263165	-64.950065	0.056	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090597	10020663	20	373105	6013016	23I/07	54.251284	-64.947663	0.008	4.0	3	2	5	3	0	0		1	1	P2cg
SA5090598	10020664	20	375060	6014445	23I/07	54.264602	-64.918271	1.032	1.0	6	2	2	3	0	0		1	2	P2cg
SA5090599	10020665	20	377293	6013469	23I/07	54.256376	-64.883607	0.951	5.0	6	2	5	3	0	0		1	1	P2cg

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090600	10020666	20	371230	6035089	23I/07	54.449073	-64.985962	0.905	3.0	6	2	5	3	0	2		1	1	P2cg
SA5090601	10020667	20	376901	6014533	23I/07	54.265839	-64.890058	0.951	9.0	6	2	5	3	0	0		1	1	P2cg
SA5090602	10020668	20	380597	6012745	23I/07	54.250655	-64.832630	0.045	3.0	6	2	5	3	0	0		1	1	ANtgn
SA5090603	10020669	20	379444	6013618	23I/07	54.258226	-64.850667	0.052	2.0	6	2	2	3	0	1		1	1	P2cg
SA5090604	10020671	20	378667	6014188	23I/07	54.263162	-64.862819	0.053	2.0	6	2	5	3	0	0		1	2	P2cg
SA5090605	10020672	20	382699	6014785	23I/07	54.269467	-64.801184	0.013	1.5	5	2	5	3	0	0		1	1	ANtgn
SA5090606	10020673	20	379341	6013638	23I/07	54.258381	-64.852256	0.052	2.0	6	2	5	3	0	2		1	1	P2cg
SA5090607	10020674	20	381570	6014945	23I/07	54.270643	-64.818574	0.381	5.0	5	2	5	3	0	0		1	1	ANtgn
SA5090608	10020675	20	379161	6018233	23I/07	54.299614	-64.856873	0.014	1.0	6	2	2	1	0	0		1	1	P2cg
SA5090609	10020676	20	377409	6018771	23I/07	54.304029	-64.884000	0.033	1.0	1	2	2	3	0	0		1	1	P2cg
SA5090610	10020677	20	378312	6017569	23I/07	54.293448	-64.869641	0.031	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090611	10020678	20	377236	6017039	23I/07	54.288430	-64.885946	0.059	1.0	6	2	5	3	0	0		1	1	P2cg
SA5090612	10020679	20	375646	6017517	23I/07	54.292338	-64.910556	0.642	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090613	10020681	20	373410	6017112	23I/07	54.288151	-64.944716	0.488	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090614	10020682	20	375340	6019607	23I/07	54.311037	-64.916126	0.217	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090615	10020683	20	376669	6021249	23I/07	54.326109	-64.896389	0.088	7.0	1	2	2	3	0	0		1	1	ANtgn
SA5090616	10020684	20	379362	6021361	23I/07	54.327760	-64.855050	5700.000	1.5	6	2	5	3	0	0		1	1	P2cg
SA5090617	10020685	20	376805	6022896	23I/07	54.340936	-64.894979	0.139	2.0	-9	-9	4	-9	0	0		1	1	ANtgn
SA5090618	10020686	20	375147	6021488	23I/07	54.327885	-64.919877	0.008	0.5	2	2	2	5	0	0		1	1	P2cg
SA5090619	10020687	20	373414	6023414	23I/07	54.344758	-64.947326	0.390	3.0	3	2	3	3	0	0		1	1	ANtgn
SA5090620	10020688	20	374962	6023678	23I/07	54.347511	-64.923639	0.457	8.0	6	2	3	3	0	0		1	1	ANtgn
SA5090621	10020689	20	374584	6025838	23I/07	54.366820	-64.930360	0.142	4.0	6	2	3	3	0	0		1	1	P2cg
SA5090622	10020691	20	375566	6026505	23I/07	54.373052	-64.915534	0.100	3.0	3	2	2	3	0	0		1	1	P2cg
SA5090623	10020692	20	374044	6027214	23I/07	54.379046	-64.939249	0.057	0.7	3	2	2	4	0	0		1	1	P2cg
SA5090624	10020693	20	372897	6028969	23I/07	54.394524	-64.957647	0.175	3.0	6	2	3	3	0	0		1	1	P2cg
SA5090625	10020694	20	372462	6030099	23I/07	54.404565	-64.964828	0.246	2.0	1	2	3	3	0	0		1	1	P2cg
SA5090626	10020695	20	374047	6029327	23I/07	54.398026	-64.940098	0.057	2.5	3	2	5	3	0	0		1	1	P2cg
SA5090627	10020696	20	376395	6030577	23I/07	54.409830	-64.904473	0.893	4.0	6	2	3	3	0	0		1	1	P2cg
SA5090628	10020697	20	375251	6031878	23I/07	54.421236	-64.922636	0.213	6.0	1	2	3	3	0	0		1	1	P2cg
SA5090629	10020698	20	374501	6032993	23I/07	54.431066	-64.934659	0.039	1.5	3	2	5	3	0	0		1	1	P2cg
SA5090630	10020699	20	372868	6032633	23I/07	54.427427	-64.959663	0.325	4.0	6	2	3	3	0	0		1	1	P2cg
SA5090631	10020701	20	373015	6035071	23I/07	54.449361	-64.958443	0.173	3.0	6	2	3	3	0	1		1	1	P2cg
SA5090632	10020702	20	371904	6036341	23I/07	54.460489	-64.976116	0.425	1.5	6	2	2	3	0	0		1	1	P2cg
SA5090633	10020703	20	372757	6037517	23I/07	54.471266	-64.963471	0.887	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090634	10020704	20	375408	6035287	23I/07	54.451895	-64.921651	0.036	1.0	1	2	2	3	0	0		3	1	P2cg
SA5090635	10020705	20	370865	6039144	23I/07	54.485401	-64.993358	0.030	1.0	3	2	2	3	0	0		1	1	P2cg
SA5090636	10020706	20	378587	6039009	23I/07	54.486097	-64.874177	2.550	1.5	3	2	4	3	0	0		1	1	P2cg
SA5090637	10020707	20	378715	6040771	23I/10	54.501955	-64.872925	0.840	2.0	3	2	4	4	0	0		1	1	P2cg
SA5090638	10020708	20	340343	6040011	23I/07	54.484487	-65.464534	0.418	2.0	3	2	13	3	0	0		1	1	P2cg
SA5090639	10020709	20	372937	6035124	23I/07	54.449818	-64.959668	0.173	3.0	6	2	3	3	0	2		1	1	P2cg
SA5090640	10020711	20	381013	6041507	23I/10	54.509111	-64.837756	4.906	1.0	1	2	4	3	0	0		1	1	P2cg
SA5090641	10020712	20	382842	6040781	23I/10	54.503016	-64.809235	0.983	2.0	3	2	5	4	0	0		1	1	P2cg
SA5090642	10020713	20	382811	6039248	23I/07	54.489238	-64.809105	4.906	3.0	1	2	5	3	0	0		1	2	P2cg
SA5090643	10020714	20	384210	6039042	23I/07	54.487709	-64.787439	0.044	1.5	2	2	4	5	0	0		1	2	P2cg
SA5090644	10020715	20	384560	6040332	23I/07	54.499377	-64.782543	0.843	1.0	1	2	5	4	0	0		1	1	P2cg
SA5090645	10020716	20	386641	6039626	23I/07	54.493505	-64.750155	0.076	1.5	1	2	2	4	0	0		1	1	ANggn
SA5090646	10020717	20	387973	6040529	23I/10	54.501913	-64.729944	0.078	2.0	3	2	2	3	0	0		1	1	ANggn
SA5090647	10020718	20	388899	6039286	23I/07	54.490951	-64.715184	0.126	1.0	1	2	2	3	0	0		1	1	ANggn
SA5090648	10020719	20	389616	6041004	23I/10	54.506540	-64.704762	0.023	0.7	6	2	2	2	0	0		1	1	ANggn
SA5090649	10020721	20	390910	6039478	23I/07	54.493112	-64.684224	0.091	1.5	6	2	5	3	0	0		1	1	ANggn
SA5090650	10020722	20	393080	6041495	23I/10	54.511694	-64.651467	0.055	1.0	6	2	2	4	0	0		1	1	P2g
SA5090651	10020723	20	395457	6041819	23I/10	54.515101	-64.614884	0.137	2.0	5	2	2	3	0	0		1	2	P2g
SA5090652	10020724	20	396939	6040479	23I/10	54.503367	-64.591533	0.076	1.0	5	2	13	3	0	1		1	1	P2g
SA5090653	10020725	20	398901	6041707	23I/10	54.514794	-64.561668	0.056	1.5	5	2	13	4	0	0		1	1	P2g
SA5090654	10020726	20	401715	6041401	23I/10	54.512599	-64.518123	0.008	2.0	6	2	5	2	0	0		1	1	M1g
SA5090655	10020727	20	402132	6040221	23I/10	54.502079	-64.511286	0.643	8.0	6	2	5	2	0	0		1	1	M1g
SA5090656	10020728	20	401489	6038748	23I/07	54.488721	-64.520720	0.102	1.0	6	2	13	4	0	0		1	1	ANggn
SA5090657	10020729	20	396933	6040559	23I/10	54.504084	-64.591654	0.076	1.5	5	2	7	4	0	2		1	2	P2g
SA5090658	10020731	20	399742	6038338	23I/07	54.484695	-64.547538	0.023	2.0	5	2	7	4	0	0		1	1	P2g

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090659	10020732	20	397088	6039072	23I/07	54.490757	-64.588743	1.065	2.0	5	2	5	2	0	0		1	1	P2g
SA5090660	10020733	20	395248	6038920	23I/07	54.489015	-64.617082	0.057	2.0	5	2	5	4	0	0		1	2	P2g
SA5090661	10020734	20	393190	6038563	23I/07	54.485378	-64.648708	0.172	3.0	5	2	4	3	0	0		2	1	P2g
SA5090662	10020735	20	388227	6036863	23I/07	54.469037	-64.724636	0.066	1.0	3	2	2	3	0	0		2	1	ANggn
SA5090663	10020736	20	386987	6037707	23I/07	54.476344	-64.744082	0.004	1.0	3	2	4	3	0	0		1	1	ANggn
SA5090664	10020737	20	385771	6037699	23I/07	54.476000	-64.762835	0.086	2.0	1	2	5	3	0	1		1	1	ANtgn
SA5090665	10020738	20	383059	6036726	23I/07	54.466641	-64.804281	4.906	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090666	10020739	20	380588	6037064	23I/07	54.469102	-64.842521	1.084	1.5	3	2	7	4	0	0		1	1	P2cg
SA5090667	10020741	20	382302	6034664	23I/07	54.447944	-64.815134	0.835	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090668	10020742	20	382753	6033017	23I/07	54.433254	-64.807531	0.835	1.0	1	2	7	1	0	0		1	1	P2cg
SA5090669	10020743	20	385206	6033418	23I/07	54.437417	-64.769890	0.227	1.0	1	2	4	1	0	0		1	1	ANtgn
SA5090670	10020744	20	385530	6034339	23I/07	54.445763	-64.765253	0.227	1.0	3	2	5	4	0	0		1	1	ANtgn
SA5090671	10020745	20	386292	6033757	23I/07	54.440706	-64.753285	0.041	1.0	1	2	4	3	0	0		1	1	ANtgn
SA5090672	10020746	20	388536	6032439	23I/07	54.429364	-64.718206	0.078	3.0	6	3	5	3	0	0		1	1	ANsgn
SA5090673	10020747	20	387492	6032965	23I/07	54.433859	-64.734491	0.065	1.0	3	2	2	5	0	0		1	1	ANggn
SA5090674	10020748	20	401669	6016843	23I/07	54.291959	-64.510695	0.021	1.0	3	2	8	5	0	0		2	1	P2g
SA5090675	10020749	20	399459	6017170	23I/07	54.294467	-64.544744	0.030	1.0	1	2	4	5	0	0		1	1	P2g
SA5090676	10020751	20	400412	6022506	23I/07	54.342593	-64.531888	0.137	2.0	1	2	2	3	0	0		1	1	P2g
SA5090677	10020752	20	400722	6025075	23I/07	54.365733	-64.527978	0.148	2.0	6	2	5	3	0	0		1	1	P2g
SA5090678	10020753	20	385760	6037802	23I/07	54.476923	-64.763045	0.086	3.0	1	2	5	3	0	2		1	1	ANtgn
SA5090679	10020754	20	399416	6025652	23I/07	54.370661	-64.548265	0.352	4.0	1	2	5	3	0	0		1	1	ANggn
SA5090680	10020755	20	396615	6025388	23I/07	54.367728	-64.591270	0.024	1.0	1	3	2	1	0	0		1	1	P2g
SA5090681	10020756	20	394553	6024983	23I/07	54.363667	-64.622851	5700.000	2.0	1	3	5	3	0	1		1	1	P2g
SA5090682	10020757	20	392313	6024457	23I/07	54.358473	-64.657119	5700.000	0.7	2	2	4	5	0	0		1	1	ANggn
SA5090683	10020758	20	389802	6024906	23I/07	54.361969	-64.695906	5700.000	2.0	3	2	5	3	0	0		1	1	ANggn
SA5090684	10020759	20	386974	6022924	23I/07	54.343545	-64.738654	0.056	1.0	2	2	4	3	0	0		1	1	ANggn
SA5090685	10020761	20	384902	6022528	23I/07	54.339524	-64.770358	0.320	2.0	3	2	5	4	0	0		1	1	ANggn
SA5090686	10020762	20	394465	6025090	23I/07	54.364610	-64.624242	5700.000	2.0	1	3	5	3	0	2		1	1	P2g
SA5090687	10020763	20	383588	6022784	23I/07	54.341525	-64.790658	0.086	3.0	3	2	2	3	0	0		2	1	ANggn
SA5090688	10020764	20	383627	6024366	23I/07	54.355745	-64.790676	0.052	1.5	3	2	5	4	0	0		1	1	ANtgn
SA5090689	10020765	20	385454	6025267	23I/07	54.364253	-64.762925	0.034	0.3	3	3	8	5	0	0		1	1	ANggn
SA5090690	10020766	20	384691	6027427	23I/07	54.383483	-64.775499	1.013	4.0	3	2	5	3	0	0		1	1	ANggn
SA5090691	10020767	20	383202	6026812	23I/07	54.377619	-64.798172	5700.000	1.0	3	3	5	3	0	0		1	1	P2cg
SA5090692	10020768	20	382901	6028595	23I/07	54.393567	-64.803506	5700.000	1.0	2	2	5	3	0	0		1	1	P2cg
SA5090693	10020769	20	385037	6028562	23I/07	54.393757	-64.770613	1.072	4.0	3	2	5	3	0	0		1	1	ANtgn
SA5090694	10020771	20	386294	6030686	23I/07	54.413120	-64.752076	5700.000	1.0	3	2	5	3	0	0		1	1	ANtgn
SA5090695	-9	20	384817	6031363	23I/07	54.418869	-64.775086	5700.000	-9	1	2	-9	-9	0	0		1	1	P2cg
SA5090696	10020773	20	383577	6031436	23I/07	54.419242	-64.794214	0.126	3.0	3	3	3	3	0	0		2	1	P2cg
SA5090697	10020774	20	386665	6025558	23I/07	54.367138	-64.744407	0.183	1.0	2	3	2	3	0	0		1	1	ANggn
SA5090698	10020775	20	388116	6025810	23I/07	54.369722	-64.722180	0.107	2.0	3	3	5	3	0	0		1	1	ANggn
SA5090699	10020776	20	390588	6026786	23I/07	54.379027	-64.684507	5700.000	1.0	3	2	5	2	0	0		1	1	ANggn
SA5090700	10020777	20	393815	6027657	23I/07	54.387536	-64.635158	0.020	1.0	3	3	2	1	0	0		2	1	ANggn
SA5090701	10020778	20	399675	6027921	23I/07	54.391097	-64.545045	0.032	2.0	6	2	13	3	0	0		1	1	ANggn
SA5090702	10020779	20	400864	6026750	23I/07	54.380809	-64.526351	0.339	3.0	6	2	13	3	0	0		1	1	P2g
SA5090703	10020781	20	402187	6027395	23I/07	54.386860	-64.506202	0.074	3.0	6	2	5	3	0	0		1	1	P2g
SA5090704	10020782	20	401286	6029785	23I/07	54.408158	-64.520865	0.224	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090705	10020783	20	398917	6028924	23I/07	54.399957	-64.557055	0.068	4.0	6	3	5	3	0	0		1	1	ANggn
SA5090706	10020784	20	396380	6029891	23I/07	54.408134	-64.596456	0.014	1.0	6	3	5	3	0	0		1	1	P2g
SA5090707	10020785	20	395728	6029511	23I/07	54.404587	-64.606363	2.804	1.0	1	2	5	2	0	0		1	1	P2g
SA5090708	10020786	20	392304	6028229	23I/07	54.392357	-64.658623	0.021	1.0	3	3	4	3	0	0		2	1	ANggn
SA5090709	10020787	20	389196	6027274	23I/07	54.383110	-64.706110	5700.000	2.0	1	2	2	3	0	0		1	1	ANggn
SA5090710	10020788	20	388302	6029638	23I/07	54.404151	-64.720757	0.095	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090711	10020789	20	390831	6029088	23I/07	54.399759	-64.681613	0.199	1.5	1	3	5	3	0	0		1	1	ANggn
SA5090712	10020791	20	393674	6031434	23I/07	54.421437	-64.638681	0.030	1.0	1	3	5	3	0	0		1	1	P2g
SA5090713	10020792	20	394800	6032001	23I/07	54.426765	-64.621536	0.117	1.0	1	2	5	4	0	0		1	1	P2g
SA5090714	10020793	20	396540	6030886	23I/07	54.417105	-64.594338	0.088	1.5	6	2	5	3	0	1		1	1	P2g
SA5090715	10020794	20	399863	6030618	23I/07	54.415363	-64.543061	0.092	3.0	6	3	5	3	0	0		1	1	ANggn
SA5090716	10020795	20	400873	6030789	23I/07	54.417098	-64.527560	0.224	1.0	6	2	5	3	0	0		1	1	ANggn
SA5090717	10020796	20	396371	6030968	23I/07	54.417808	-64.596970	0.088	1.5	6	2	5	4	0	2		1	1	P2g

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090718	10020797	20	400572	6033104	23I/07	54.437837	-64.532973	0.275	1.0	4	3	5	3	0	0		1	1	P2g
SA5090719	10020798	20	399201	6032548	23I/07	54.432571	-64.553914	0.009	1.0	6	2	4	4	0	0		1	1	P2g
SA5090720	10020799	20	396779	6032810	23I/07	54.434439	-64.591327	0.075	2.0	6	2	5	3	0	0		1	1	P2g
SA5090721	10020801	20	395324	6033374	23I/07	54.439208	-64.613947	1.580	2.0	6	2	5	3	0	0		1	1	P2g
SA5090722	10020802	20	391226	6031894	23I/07	54.425051	-64.676560	0.192	3.0	1	2	5	3	0	0		1	1	ANggn
SA5090723	10020803	20	392746	6035811	23I/07	54.460562	-64.654561	0.295	2.0	1	2	5	3	0	0		1	1	P2g
SA5090724	10020804	20	392569	6037230	23I/07	54.473272	-64.657805	0.149	5.0	5	2	5	3	0	1		1	1	P2g
SA5090725	10020805	20	390368	6035955	23I/07	54.461348	-64.691281	0.256	2.0	1	2	2	4	0	0		2	2	ANtgn
SA5090726	10020806	20	389744	6034663	23I/07	54.449606	-64.700421	0.037	1.0	1	2	5	3	0	0		2	1	ANtgn
SA5090727	10020807	20	391496	6035316	23I/07	54.455850	-64.673653	0.254	1.0	6	2	5	1	0	0		2	1	ANtgn
SA5090728	10020808	20	390030	6032742	23I/07	54.432412	-64.695300	0.973	3.0	3	2	5	3	0	0		1	1	ANggn
SA5090729	10020809	20	389684	6031928	23I/07	54.425024	-64.700328	0.081	2.0	1	2	2	3	0	0		2	1	ANggn
SA5090730	10020811	20	366379	6047374	23I/11	54.558153	-65.066285	0.037	0.7	1	2	5	1	0	0		1	1	P2cg
SA5090731	10020812	20	368899	6048707	23I/11	54.570785	-65.027938	0.099	1.0	6	2	5	4	0	0		1	1	P2cg
SA5090732	-9	20	369136	6047217	23I/11	54.557465	-65.023612	0.014	-9	1	2	-9	-9	0	0		1	1	P2cg
SA5090733	10020814	20	392482	6037270	23I/07	54.473613	-64.659162	0.149	3.0	5	2	5	3	0	2		1	1	P2g
SA5090734	10020815	20	370691	6044702	23I/10	54.535276	-64.998478	0.016	1.0	1	2	5	4	0	0		1	1	P2cg
SA5090735	10020816	20	369490	6044620	23I/11	54.534231	-65.016990	0.328	1.5	1	3	5	4	0	0		1	1	P2cg
SA5090736	10020817	20	367301	6045124	23I/11	54.538188	-65.051024	0.024	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090737	10020818	20	365035	6044624	23I/11	54.533098	-65.085793	0.493	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090738	10020819	20	365535	6043681	23I/11	54.524762	-65.077641	0.493	1.0	1	2	5	3	0	0		1	2	ANggn
SA5090739	-9	20	367824	6043326	23I/11	54.522177	-65.042139	0.042	-9	3	2	-9	-9	0	0		1	1	P2cg
SA5090740	10020822	20	368659	6041460	23I/11	54.505635	-65.028417	0.128	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090741	10020823	20	369783	6042934	23I/11	54.519164	-65.011720	1.000	2.0	6	2	5	3	0	1		1	2	P2cg
SA5090742	10020824	20	371217	6043723	23I/10	54.526618	-64.989926	0.038	1.0	6	2	5	3	0	0		1	1	P2cg
SA5090743	10020825	20	372719	6043844	23I/10	54.528084	-64.966785	0.188	3.0	1	2	5	3	0	0		1	1	P2cg
SA5090744	10020826	20	369638	6042993	23I/11	54.519657	-65.013985	1.000	2.5	6	2	5	3	0	2		1	1	P2cg
SA5090745	10020827	20	371399	6041890	23I/10	54.510200	-64.986316	0.650	2.0	1	2	4	4	0	0		1	1	P2cg
SA5090746	10020828	20	373256	6041312	23I/10	54.505477	-64.957404	0.266	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090747	10020829	20	387460	6034948	23I/07	54.451665	-64.735737	0.164	1.0	3	2	4	3	0	0		1	1	ANggn
SA5090748	10020831	20	394930	6036568	23I/07	54.467820	-64.621153	0.038	1.5	5	2	5	3	0	0		1	1	P2g
SA5090749	10020832	20	395529	6035741	23I/07	54.460514	-64.611623	0.027	1.0	5	2	2	4	0	0		1	1	ANtgn
SA5090750	10020833	20	397698	6034816	23I/07	54.452646	-64.577857	0.023	2.0	6	2	13	4	0	0		1	1	P2g
SA5090751	10020834	20	399462	6034986	23I/07	54.454526	-64.550719	0.045	3.0	6	2	7	3	0	0		1	1	P2g
SA5090752	10020835	20	401389	6035197	23I/07	54.456799	-64.521079	0.074	4.0	4	2	5	3	0	0		1	1	P2g
SA5090753	10020836	20	400413	6037258	23I/07	54.475125	-64.536821	0.032	3.0	6	2	7	3	0	0		1	1	P2g
SA5090754	10020837	20	399236	6036648	23I/07	54.469412	-64.554770	0.130	2.0	4	2	7	4	0	0		1	1	P2g
SA5090755	10020838	20	396797	6037431	23I/07	54.475956	-64.592660	0.468	2.0	5	2	5	4	0	0		1	1	P2g
SA5090756	-9	20	401061	6042283	23I/07	54.520395	-64.528509	0.047	-9	6	2	-9	-9	0	0		1	1	P2g
SA5090757	10020841	20	399443	6043326	23I/10	54.529447	-64.553851	0.232	3.0	5	2	7	3	0	0		1	1	ANggn
SA5090758	10020842	20	401131	6045342	23I/10	54.547891	-64.528455	0.051	1.0	3	2	5	3	0	0		1	1	P2g
SA5090759	10020843	20	401261	6046009	23I/10	54.553908	-64.526670	0.069	1.0	1	2	5	4	0	0		1	1	P2g
SA5090760	10020844	20	402760	6046484	23I/10	54.558466	-64.503659	0.019	1.5	2	2	4	4	0	0		1	1	M1g
SA5090761	-9	20	402781	6049297	23I/10	54.583742	-64.504264	0.016	-9	3	2	-9	-9	0	0		1	1	M1g
SA5090762	10020846	20	400656	6049584	23I/10	54.585907	-64.537229	3.719	3.0	6	2	5	3	0	0		1	1	P2g
SA5090763	10020847	20	399894	6049398	23I/10	54.584085	-64.548951	3.719	3.0	1	2	5	3	0	0		1	1	P2g
SA5090764	10020848	20	400732	6051392	23I/10	54.602164	-64.536665	5.055	1.0	1	2	5	4	0	0		1	1	M1g
SA5090765	10020849	20	400015	6052936	23I/10	54.615893	-64.548286	5.055	1.0	1	2	13	4	0	0		1	1	P2g
SA5090766	10020851	20	402447	6053374	23I/10	54.620304	-64.510786	5.055	5.0	1	2	5	3	0	0		1	1	M1g
SA5090767	10020852	20	402664	6054410	23I/10	54.629653	-64.507771	0.286	-9	3	2	5	4	0	1		1	1	M1g
SA5090768	10020853	20	401562	6055052	23I/10	54.635207	-64.525051	5.055	1.0	6	2	5	3	0	0		1	1	M1g
SA5090769	10020854	20	399939	6055362	23I/10	54.637672	-64.550291	5.055	1.0	1	2	5	4	0	0		1	1	P2g
SA5090770	10020855	20	401181	6057746	23I/10	54.659334	-64.531861	0.102	1.0	1	2	4	1	0	0		1	2	P2g
SA5090771	10020856	20	398951	6057638	23I/10	54.657922	-64.566378	1.390	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090772	10020857	20	396407	6057761	23I/10	54.658510	-64.605840	0.028	3.0	6	2	5	3	0	0		1	1	ANtgn
SA5090773	-9	20	392809	6058991	23I/10	54.668806	-64.662039	5.186	-9	6	2	-9	-9	0	0		1	1	ANtgn
SA5090774	10020859	20	391549	6059096	23I/10	54.669480	-64.681606	0.360	1.0	6	2	5	4	0	0		1	1	P2g
SA5090775	10020861	20	390441	6060594	23I/10	54.682696	-64.699340	2.412	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090776	10020862	20	389440	6058973	23I/10	54.667916	-64.714245	0.192	2.0	3	2	5	2	0	0		1	1	P2g

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090777	10020863	20	402593	6054477	23I/10	54.630241	-64.508893	0.286	1.0	3	2	5	4	0	2		1	1	M1g
SA5090778	10020864	20	387289	6059133	23I/10	54.668877	-64.747641	1.753	1.0	6	2	8	1	0	0		1	1	ANggn
SA5090779	10020865	20	384841	6059495	23I/10	54.671574	-64.785721	0.251	8.0	6	2	5	3	0	0		1	1	P2cg
SA5090780	10020866	20	381144	6062631	23I/10	54.698883	-64.844293	0.041	3.0	6	2	2	3	0	0		1	1	P2cg
SA5090781	10020867	20	380818	6061052	23I/10	54.684623	-64.848704	134.143	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090782	10020868	20	381353	6058765	23I/10	54.664207	-64.839481	134.143	1.0	6	2	5	4	0	0		1	1	ANggn
SA5090783	10020869	20	381513	6056968	23I/10	54.648104	-64.836273	0.079	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090784	10020871	20	381177	6055071	23I/10	54.630986	-64.840707	134.143	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090785	10020872	20	382728	6055356	23I/10	54.633909	-64.816808	134.143	2.0	6	2	5	4	0	0		1	1	ANggn
SA5090786	10020873	20	383492	6056505	23I/10	54.644407	-64.805436	0.045	1.0	6	2	5	3	0	0		1	1	ANggn
SA5090787	10020874	20	383767	6058283	23I/10	54.660441	-64.801883	0.015	1.0	6	2	5	3	0	0		1	1	ANggn
SA5090788	10020875	20	384475	6057432	23I/10	54.652960	-64.790578	0.018	1.5	2	2	5	5	0	0		1	1	ANggn
SA5090789	10020876	20	385465	6055059	23I/10	54.631870	-64.774313	0.056	1.0	2	2	5	4	0	0		1	2	ANggn
SA5090790	10020877	20	386277	6057518	23I/10	54.654142	-64.762696	0.050	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090791	10020878	20	388061	6055674	23I/10	54.637978	-64.734353	0.056	1.0	3	2	5	3	0	1		1	1	ANggn
SA5090792	10020879	20	387984	6055683	23I/10	54.638041	-64.735548	0.056	1.5	3	2	5	3	0	2		1	1	ANggn
SA5090793	10020881	20	388191	6057353	23I/10	54.653089	-64.732981	0.676	1.0	6	2	5	3	0	0		1	1	ANggn
SA5090794	10020882	20	389157	6054814	23I/10	54.630495	-64.717054	0.051	1.0	3	2	4	3	0	0		1	1	P2g
SA5090795	10020883	20	390299	6057694	23I/10	54.656615	-64.700452	1.493	2.0	1	2	5	3	0	0		1	1	P2cg
SA5090796	10020884	20	390868	6055134	23I/10	54.633742	-64.690682	2.688	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090797	10020885	20	391723	6057001	23I/10	54.650698	-64.678133	0.004	1.0	3	2	2	3	0	0		1	1	ANggn
SA5090798	10020886	20	393697	6055287	23I/10	54.635721	-64.646931	0.014	1.0	1	2	5	3	0	0		1	1	ANggn
SA5090799	10020887	20	390091	6052985	23I/10	54.614269	-64.701907	2.923	1.0	3	2	5	3	0	0		1	1	ANggn
SA5090800	10020888	20	392549	6049455	23I/10	54.583088	-64.662571	2.923	4.0	6	2	5	3	0	0		1	1	P2g
SA5090801	10020889	20	390567	6050797	23I/10	54.594718	-64.693724	2.923	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090802	10020891	20	388782	6048912	23I/10	54.577395	-64.720623	134.143	1.0	6	2	5	4	0	0		1	1	ANggn
SA5090803	10020892	20	387528	6048698	23I/10	54.575195	-64.739931	134.143	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090804	10020893	20	387684	6046738	23I/10	54.557624	-64.736771	134.143	1.0	1	2	4	4	0	0		1	1	ANggn
SA5090805	10020894	20	385375	6046541	23I/10	54.555336	-64.772380	0.240	1.0	1	2	4	2	0	0		1	1	P2cg
SA5090806	10020895	20	383470	6047833	23I/10	54.566506	-64.802332	0.884	1.0	2	2	5	3	0	1		1	1	P2cg
SA5090807	10020896	20	383189	6051449	23I/10	54.598922	-64.808113	0.714	1.0	3	2	4	3	0	0		1	1	P2cg
SA5090808	10020897	20	384358	6050887	23I/10	54.594143	-64.789807	0.008	1.5	1	2	5	3	0	0		1	1	P2cg
SA5090809	10020898	20	385209	6049417	23I/10	54.581132	-64.776068	0.074	2.0	3	2	5	4	0	0		1	1	P2cg
SA5090810	10020899	20	380883	6049145	23I/10	54.577687	-64.842853	0.903	2.0	6	2	5	4	0	0		1	1	P2cg
SA5090811	10020901	20	380573	6050735	23I/10	54.591896	-64.848293	0.903	1.0	1	2	5	4	0	0		1	1	P2cg
SA5090812	10020902	20	379801	6051533	23I/10	54.598881	-64.860560	2.357	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090813	10020903	20	379113	6053674	23I/10	54.617947	-64.872086	0.023	1.0	1	3	2	5	0	0		1	1	P2cg
SA5090814	10020904	20	353627	6065149	23I/11	54.714237	-65.272202	0.059	1.0	3	2	4	2	0	0		2	1	ANggn
SA5090815	10020905	20	354153	6063988	23I/11	54.703964	-65.263462	0.242	2.0	1	2	5	3	0	0		1	1	ANggn
SA5090816	10020906	20	352713	6062976	23I/11	54.694457	-65.285280	3.791	2.0	1	2	7	2	0	0		1	1	ANggn
SA5090817	10020907	20	354942	6061536	23I/11	54.682174	-65.250009	0.012	1.5	2	2	4	4	0	0		1	2	ANggn
SA5090818	10020908	20	383366	6047963	23I/10	54.567650	-64.803991	0.884	1.0	2	2	2	3	0	2		1	2	P2cg
SA5090819	10020909	20	359915	6066738	23I/11	54.730299	-65.175435	134.143	1.0	3	2	5	1	0	0		1	1	ANggn
SA5090820	10020911	20	358299	6067001	23I/11	54.732207	-65.200638	0.092	1.5	3	2	2	4	0	0		1	1	ANggn
SA5090821	10020912	20	359846	6074281	23I/14	54.798017	-65.180145	134.143	2.0	1	2	2	3	0	0		1	1	P2cg
SA5090822	10020913	20	361787	6074866	23I/14	54.803810	-65.150255	134.143	1.0	1	2	2	2	0	0		1	1	P2cg
SA5090823	10020914	20	362174	6073808	23I/14	54.794415	-65.143736	134.143	1.0	1	2	5	3	0	0		1	1	P2cg
SA5090824	10020915	20	371418	6074649	23I/14	54.804427	-65.000429	0.054	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090825	10020916	20	368938	6068385	23I/11	54.747527	-65.036157	134.143	5.0	6	2	5	3	0	0		1	1	P2cg
SA5090826	-9	20	363968	6062946	23I/11	54.697359	-65.110772	0.002	-9	1	2	-9	-9	0	0		3	1	P2cg
SA5090827	10020918	20	379124	6044794	23I/10	54.538188	-64.868262	0.075	1.0	2	2	4	2	0	0		1	1	P2cg
SA5090828	10020919	20	379896	6046569	23I/10	54.554316	-64.857062	0.072	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090829	10020921	20	380317	6045138	23I/10	54.541562	-64.849974	0.052	1.0	2	2	5	3	0	1		1	1	P2cg
SA5090830	10020922	20	380525	6043617	23I/10	54.527949	-64.846144	4.906	1.0	3	2	5	3	0	0		1	1	P2cg
SA5090831	10020923	20	383393	6042801	23I/10	54.521288	-64.801529	0.983	1.5	2	2	5	4	0	0		1	1	P2cg
SA5090832	10020924	20	384373	6043525	23I/10	54.528016	-64.786680	0.450	2.0	1	2	5	3	0	0		1	1	P2cg
SA5090833	10020925	20	386502	6044235	23I/10	54.534876	-64.754074	0.162	1.0	1	2	2	1	0	0		1	1	P2cg
SA5090834	10020926	20	388648	6042953	23I/10	54.523836	-64.720440	134.143	1.0	1	2	5	4	0	0		1	1	ANggn
SA5090835	10020927	20	386848	6045394	23I/10	54.545364	-64.749174	0.182	2.0	6	2	5	3	0	0		1	1	P2cg

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090836	10020928	20	384801	6045245	23I/10	54.543564	-64.780743	0.008	4.0	1	2	4	3	0	0		1	1	P2cg
SA5090837	10020929	20	382544	6045456	23I/10	54.544940	-64.815697	4.906	2.0	3	2	5	3	0	0		1	1	P2cg
SA5090838	10020931	20	381337	6046962	23I/10	54.558186	-64.834952	0.054	1.0	3	2	4	4	0	0		1	1	P2cg
SA5090839	10020932	20	380273	6045185	23I/10	54.541973	-64.850673	0.052	1.0	2	2	2	3	0	2		1	1	P2cg
SA5090840	10020933	20	377114	6049092	23I/10	54.576309	-64.901106	0.025	1.0	6	2	5	5	0	0		1	1	P2cg
SA5090841	10020934	20	378239	6049348	23I/10	54.578880	-64.883818	0.148	3.0	6	2	5	3	0	0		1	1	P2cg
SA5090842	10020935	20	377306	6050292	23I/10	54.587134	-64.898638	0.088	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090843	10020936	20	375684	6051504	23I/10	54.597623	-64.924236	0.009	2.0	1	2	4	5	0	0		1	1	P2cg
SA5090844	10020937	20	379567	6054050	23I/10	54.621433	-64.865214	0.437	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090845	10020938	20	381489	6053214	23I/10	54.614379	-64.835126	0.146	1.0	6	2	4	2	0	0		1	1	P2cg
SA5090846	10020939	20	383029	6053396	23I/10	54.616373	-64.811365	134.143	1.0	6	2	5	4	0	0		1	1	ANggn
SA5090847	10020941	20	384269	6053367	23I/10	54.616399	-64.792162	134.143	1.0	3	2	5	3	0	0		1	1	ANggn
SA5090848	10020942	20	385971	6053175	23I/10	54.615062	-64.765745	134.143	2.0	6	2	5	3	0	0		1	1	P2cg
SA5090849	10020943	20	388814	6054007	23I/10	54.623170	-64.722059	1.565	2.0	1	2	5	4	0	0		1	1	P2g
SA5090850	10020944	20	387526	6051461	23I/10	54.600014	-64.741021	0.031	2.0	6	2	5	3	0	0		1	1	ANggn
SA5090851	-9	20	365426	6023687	23I/06	54.345162	-65.070246	134.143	-9	1	2	-9	-9	0	0		1	1	ANggn
SA5090852	10020946	20	361129	6029227	23I/06	54.393763	-65.138885	134.143	1.0	1	2	5	1	0	0		1	1	ANggn
SA5090853	10020947	20	359570	6029505	23I/06	54.395831	-65.163009	0.013	2.0	2	2	2	3	0	0		1	1	ANggn
SA5090854	-9	20	349061	6025404	23I/06	54.355993	-65.322654	42.057	-9	2	2	-9	-9	0	0		1	1	ANtgn
SA5090855	10020949	20	388530	6047791	23I/10	54.567270	-64.724094	0.036	2.0	6	2	5	3	0	0		1	1	ANtgn
SA5090856	10020951	20	390969	6048775	23I/10	54.576641	-64.686754	134.143	3.0	6	2	5	3	0	0		1	1	P2g
SA5090857	10020952	20	390767	6047663	23I/10	54.566609	-64.689464	0.133	1.0	6	2	5	4	0	0		1	1	P2g
SA5090858	10020953	20	393009	6047841	23I/10	54.568687	-64.654869	0.027	2.0	1	2	5	3	0	0		1	1	P2g
SA5090859	10020954	20	392122	6052237	23I/10	54.607988	-64.670197	0.039	0.7	6	2	4	2	0	0		1	1	P2g
SA5090860	10020955	20	393594	6050859	23I/10	54.595922	-64.646918	0.042	1.0	1	2	5	2	0	0		1	1	P2g
SA5090861	10020956	20	394629	6054206	23I/10	54.626206	-64.632109	0.201	2.0	6	2	5	3	0	0		1	1	P2g
SA5090862	10020957	20	395716	6055949	23I/10	54.642090	-64.615900	0.149	3.0	6	2	5	3	0	0		1	1	ANtgn
SA5090863	10020958	20	395453	6053226	23I/10	54.617574	-64.619002	0.181	2.0	6	2	5	4	0	0		1	1	P2g
SA5090864	10020959	20	397466	6053083	23I/10	54.616702	-64.587792	0.672	1.5	2	2	5	4	0	0		1	1	ANtgn
SA5090865	10020961	20	398413	6051923	23I/10	54.606473	-64.572732	0.054	3.0	1	2	5	3	0	0		1	1	ANggn
SA5090866	10020962	20	396408	6051003	23I/10	54.597801	-64.603434	4.378	2.0	1	2	5	3	0	0		1	1	P2g
SA5090867	10020963	20	396883	6049691	23I/10	54.586112	-64.595624	0.031	1.0	3	2	5	3	0	0		1	1	P2g
SA5090868	10020964	20	395265	6049403	23I/10	54.583192	-64.620547	4.378	2.0	6	2	7	3	0	0		1	1	P2g
SA5090869	-9	20	395571	6047090	23I/10	54.562476	-64.614993	0.132	-9	6	2	-9	-9	0	0		1	1	P2g
SA5090870	-9	20	396856	6046779	23I/10	54.559946	-64.595020	0.013	-9	5	2	-9	-9	0	0		1	1	P2g
SA5090871	10020967	20	398166	6046923	23I/10	54.561505	-64.574820	0.099	0.7	3	2	7	1	0	0		1	1	P2g
SA5090872	10020968	20	399504	6045563	23I/10	54.549555	-64.553673	0.416	1.0	1	2	5	4	0	0		1	1	ANggn
SA5090873	10020969	20	396540	6045254	23I/10	54.546182	-64.599368	0.140	1.0	5	2	13	4	0	0		1	1	P2g
SA5090874	10020971	20	396891	6042817	23I/10	54.524361	-64.593091	0.022	2.0	5	2	13	3	0	1		1	1	P2g
SA5090875	10020972	20	395787	6043419	23I/10	54.529543	-64.610354	0.034	3.0	5	2	5	3	0	0		1	1	P2g
SA5090876	10020973	20	394736	6045067	23I/10	54.544130	-64.627177	0.115	1.0	6	2	5	3	0	0		1	1	P2g
SA5090877	10020974	20	393703	6044439	23I/10	54.538272	-64.642911	0.095	4.0	6	2	5	3	0	0		1	1	P2g
SA5090878	10020975	20	392725	6042278	23I/10	54.518653	-64.657233	0.132	2.0	6	2	4	3	0	0		1	1	P2g
SA5090879	10020976	20	396886	6042834	23I/10	54.524512	-64.593175	0.022	2.0	5	2	3	3	0	2		1	1	P2g
SA5090880	10020977	20	391118	6042803	23I/10	54.523026	-64.682241	0.059	3.0	5	3	4	3	0	0		1	1	ANtgn
SA5090881	10020978	20	390638	6044182	23I/10	54.535311	-64.690165	0.056	1.0	3	2	2	5	0	0		1	1	ANtgn
SA5090882	10020979	20	388817	6046023	23I/10	54.551451	-64.718989	0.094	4.0	6	2	5	3	0	0		1	1	ANtgn
SA5090883	10020981	20	312261	6090793	23I/13	54.930627	-65.930145	0.074	1.0	1	2	2	1	0	0		1	1	P2u
SA5090884	10020982	20	310762	6089298	23I/13	54.916642	-65.952522	0.077	1.0	1	2	5	3	0	0		1	1	P2pmv
SA5090885	10020983	20	308907	6088818	23I/13	54.911626	-65.981102	0.595	5.0	1	2	7	3	0	0		1	1	P2ga
SA5090886	10020984	20	311378	6087467	23I/13	54.900443	-65.941726	0.251	3.0	1	2	8	3	0	0		1	1	P2pmv
SA5090887	10020985	20	312876	6088979	23I/13	54.914578	-65.919380	4.737	3.0	1	2	5	3	0	1		1	1	P2pmv
SA5090888	10020986	20	313266	6087752	23I/13	54.903712	-65.912508	0.044	2.0	1	2	5	3	0	0		1	1	P2pmv
SA5090889	10020987	20	315274	6088377	23I/13	54.910070	-65.881635	4.737	4.0	1	2	5	3	0	0		1	1	P2pmv
SA5090890	10020988	20	314240	6086615	23I/13	54.893872	-65.896605	0.550	1.0	1	2	8	3	0	0		1	2	P2pmv
SA5090891	10020989	20	315744	6085805	23I/13	54.887160	-65.872668	0.424	1.0	1	2	5	3	0	0		1	1	P2pmv
SA5090892	10020991	20	313631	6084869	23I/13	54.877974	-65.904960	0.041	0.7	6	3	8	3	0	0		1	1	P2ga
SA5090893	10020992	20	310848	6085153	23I/13	54.879475	-65.948461	0.078	2.0	1	2	5	3	0	0		1	1	P2ga
SA5090894	10020993	20	312851	6088881	23I/13	54.913689	-65.919706	4.737	3.0	1	2	5	3	0	2		1	1	P2pmv

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090895	10020994	20	310766	6083005	23I/13	54.860167	-65.948329	0.074	1.0	1	2	13	5	0	0		1	1	P2pmv
SA5090896	10020995	20	312588	6082333	23I/13	54.854823	-65.919547	0.083	7.0	1	2	5	3	0	0		1	1	P2pmv
SA5090897	10020996	20	312651	6081475	23I/13	54.847147	-65.918011	0.013	2.0	1	2	5	3	0	0		1	1	P2pmv
SA5090898	10020997	20	311877	6078961	23I/13	54.824293	-65.928414	0.165	12.0	1	2	7	3	0	0		1	1	P2d
SA5090899	10020998	20	313864	6078379	23I/13	54.819814	-65.897153	0.037	4.0	1	2	3	3	0	0		1	1	P2d
SA5090900	10020999	20	315182	6080421	23I/13	54.838630	-65.877972	124.141	2.0	1	2	2	3	0	0		1	1	P2ga
SA5090901	10021001	20	316932	6079302	23I/13	54.829231	-65.850051	1.674	10.0	1	2	7	3	0	0		1	2	P2ga
SA5090902	10021002	20	315773	6078813	23I/13	54.824416	-65.867758	124.141	8.0	1	2	5	3	0	0		1	1	P2ga
SA5090903	10021003	20	314185	6076810	23I/13	54.805851	-65.891157	0.227	1.5	1	2	7	4	0	0		1	1	P2ga
SA5090904	10021004	20	314945	6075666	23I/13	54.795865	-65.878619	124.141	8.0	1	2	13	3	0	0		1	1	P2ga
SA5090905	10021005	20	317835	6077035	23I/13	54.809213	-65.834585	0.007	0.7	2	2	2	5	0	0		1	1	P2ga
SA5090906	10021006	20	318423	6076514	23I/13	54.804751	-65.825122	1.674	10.0	1	2	5	3	0	0		1	1	P2ga
SA5090907	10021007	20	320175	6076586	23I/13	54.806030	-65.797944	0.010	1.0	3	2	2	3	0	0		1	1	Quebec
SA5090908	10021008	20	316498	6074957	23I/13	54.790074	-65.854046	124.141	6.0	1	2	5	3	0	1		1	1	P2st
SA5090909	10021009	20	312310	6072326	23I/13	54.764907	-65.917389	0.390	4.0	1	2	7	3	0	0		1	1	P2ga
SA5090910	10021011	20	311061	6070931	23I/13	54.751918	-65.935867	0.017	3.0	2	2	2	3	0	0		1	1	P2ga
SA5090911	-9	20	310251	6072210	23I/13	54.763090	-65.949270	0.011	-9	1	2	-9	-9	0	0		1	1	P2ga
SA5090912	10021013	20	309372	6073087	23I/13	54.770627	-65.963488	0.129	2.0	1	2	13	3	0	0		1	1	P2ga
SA5090913	10021014	20	308273	6071921	23I/13	54.759743	-65.979778	0.091	1.5	1	2	2	3	0	0		1	1	P2ga
SA5090914	10021015	20	307317	6071016	23I/13	54.751255	-65.994013	0.228	2.0	1	2	7	3	0	0		1	2	P2ga
SA5090915	10021016	20	307168	6074029	23I/13	54.778237	-65.998325	0.952	14.0	6	2	4	3	0	0		1	1	P2ga
SA5090916	10021017	20	309660	6074220	23I/13	54.780905	-65.959760	0.016	2.0	3	2	5	3	0	0		1	1	P2mv
SA5090917	10021018	20	316461	6074843	23I/13	54.789037	-65.854548	124.141	3.0	1	2	5	3	0	2		1	1	P2st
SA5090918	10021019	20	311272	6075559	23I/13	54.793533	-65.935602	0.064	1.5	1	2	5	3	0	0		1	1	P2ga
SA5090919	10021021	20	312715	6077711	23I/13	54.813389	-65.914579	0.209	6.0	1	2	5	3	0	0		1	1	P2ga
SA5090920	10021022	20	311532	6076078	23I/13	54.798289	-65.931901	0.063	1.0	1	2	4	5	0	0		1	1	P2ga
SA5090921	10021023	20	309023	6076822	23I/13	54.804014	-65.971364	0.566	5.0	1	2	5	3	0	0		1	1	P2d
SA5090922	10021024	20	308064	6076483	23I/13	54.800605	-65.986038	0.048	1.0	1	2	5	3	0	0		1	1	P2st
SA5090923	10021025	20	307807	6078013	23I/13	54.814237	-65.991045	0.549	2.0	1	2	7	1	0	1		1	1	P2ga
SA5090924	-9	20	309494	6078703	23I/13	54.821075	-65.965284	0.160	-9	1	2	-9	-9	0	0		1	1	P2st
SA5090925	10021027	20	310770	6080840	23I/13	54.840738	-65.946850	124.141	3.0	1	2	5	3	0	0		1	1	P2ga
SA5090926	10021028	20	309726	6080828	23I/13	54.840234	-65.963076	0.114	3.0	1	2	5	3	0	0		1	1	P2st
SA5090927	10021029	20	307930	6079291	23I/13	54.825753	-65.989981	1.054	7.0	1	2	7	2	0	0		1	1	P2st
SA5090928	10021031	20	307244	6080818	23I/13	54.839192	-66.001660	0.007	3.0	1	2	5	3	0	0		1	1	P2ga
SA5090929	10021032	20	307819	6082923	23I/13	54.858305	-65.994121	0.096	5.0	1	2	5	3	0	0		1	1	P2ga
SA5090930	10021033	20	308726	6083575	23I/13	54.864505	-65.980443	0.008	4.0	1	2	8	3	0	0		1	1	P2ga
SA5090931	10021034	20	308639	6085297	23I/13	54.879925	-65.982939	0.006	2.0	1	2	5	3	0	0		1	1	P2pmv
SA5090932	10021035	20	308887	6086697	23I/13	54.892584	-65.980007	0.029	1.0	1	2	5	3	0	0		1	1	P2ga
SA5090933	10021036	20	321914	6071357	23I/13	54.759716	-65.767712	0.763	6.0	1	2	5	3	0	0		1	1	P2ga
SA5090934	10021037	20	318236	6070632	23I/13	54.751888	-65.824344	0.085	8.0	1	2	5	3	0	0		1	1	P2st
SA5090935	10021038	20	317114	6069644	23I/12	54.742612	-65.841133	0.006	2.0	3	2	5	3	0	0		1	1	P2st
SA5090936	10021039	20	317183	6071562	23I/13	54.759852	-65.841269	124.141	6.0	1	2	5	3	0	0		1	1	P2st
SA5090937	10021041	20	315076	6070687	23I/13	54.751226	-65.873412	0.280	2.0	1	2	5	3	0	0		1	1	P2sh
SA5090938	10021042	20	313995	6070815	23I/13	54.751974	-65.890268	0.019	1.0	3	2	2	5	0	0		1	1	P2sh
SA5090939	10021043	20	307812	6077930	23I/13	54.813494	-65.990912	0.549	2.0	1	2	7	1	0	2		1	1	P2ga
SA5090940	10021044	20	314647	6073961	23I/13	54.780452	-65.882158	124.141	8.0	1	2	7	1	0	0		1	1	P2ga
SA5090941	10021045	20	317525	6073750	23I/13	54.779616	-65.837335	0.237	2.0	1	2	5	4	0	0		1	1	P2pmv
SA5090942	10021046	20	318480	6074574	23I/13	54.787359	-65.823021	0.147	4.0	1	2	5	3	0	0		1	1	P2pmv
SA5090943	10021047	20	319525	6073972	23I/13	54.782333	-65.806417	0.070	3.0	1	2	5	3	0	0		1	1	P2ga
SA5090944	10021048	20	322305	6074878	23I/13	54.791460	-65.763799	0.354	1.5	1	2	5	4	0	0		1	1	Quebec
SA5090945	10021049	20	322370	6072448	23I/13	54.769671	-65.761302	0.446	3.0	1	2	5	3	0	0		1	1	P2ga
SA5090946	10021051	20	321635	6072228	23I/13	54.767435	-65.772577	0.763	4.0	1	2	5	3	0	0		1	1	P2ga
SA5090947	10021052	20	322354	6070986	23I/13	54.756542	-65.760656	0.021	1.0	1	2	5	3	0	0		1	1	P2ga
SA5090948	10021053	20	323985	6069820	23I/12	54.746651	-65.734636	0.605	1.0	1	2	5	3	0	0		1	1	P2ga
SA5090949	10021054	20	320451	6069633	23I/12	54.743720	-65.789355	0.257	1.0	1	2	5	4	0	0		1	1	P2pmv
SA5090950	-9	20	318593	6068706	23I/12	54.734730	-65.817603	0.006	-9	1	2	-9	-9	-9	0		1	1	P2st
SA5090951	10021056	20	320542	6067747	23I/12	54.726823	-65.786780	194.003	5.0	1	2	7	3	0	0		1	1	P2d
SA5090952	10021057	20	322073	6067780	23I/12	54.727665	-65.763056	0.007	1.0	6	2	5	3	0	0		1	1	P2pmv
SA5090953	10021058	20	321620	6065783	23I/12	54.709579	-65.768859	0.163	1.0	1	2	5	3	0	1		1	1	P2d
SA5090954	10021059	20	325558	6065891	23I/12	54.711932	-65.707874	0.085	1.0	1	2	5	3	0	0		1	1	P2pmv

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5090955	10021061	20	322099	6064722	23I/12	54.700225	-65.760786	0.029	1.0	2	2	2	5	0	0		1	1	P2d
SA5090956	10021062	20	320391	6063373	23I/12	54.687508	-65.786427	194.003	2.0	1	2	2	3	0	0		1	1	P2st
SA5090957	10021063	20	322008	6063175	23I/12	54.686306	-65.761253	0.266	2.0	1	2	2	1	0	0		1	1	P2d
SA5090958	10021064	20	325169	6062542	23I/12	54.681734	-65.711898	194.003	1.0	1	2	2	1	0	0		1	1	P2ga
SA5090959	10021065	20	321587	6065854	23I/12	54.710204	-65.769414	0.163	1.0	1	2	5	2	0	2		1	1	P2d
SA5090960	10021066	20	327274	6063484	23I/12	54.690918	-65.679843	0.007	-9	3	2	2	3	0	0		1	1	P2pmv
SA5090961	10021067	20	329491	6064188	23I/12	54.697995	-65.645899	11.648	1.0	1	2	7	3	0	0		1	1	P2pmv
SA5090962	10021068	20	330035	6063222	23I/12	54.689507	-65.636905	0.020	2.0	2	2	5	3	0	0		1	1	P2pmv
SA5090963	10021069	20	331041	6064357	23I/12	54.700036	-65.621973	11.648	2.0	1	2	5	1	0	0		1	1	P2pmv
SA5090964	*10021071*	20	333238	6065614	23I/12	54.712055	-65.588637	0.026	1.0	3	2	4	5	0	0		1	1	ANtgn
SA5090965	*10021072*	20	338378	6064693	23I/12	54.705467	-65.508424	0.005	1.0	2	2	2	5	0	0		1	1	ANtgn
SA5090966	*10021073*	20	337313	6066278	23I/12	54.719353	-65.525820	0.024	1.0	2	2	2	3	0	0		1	1	ANtgn
SA5090967	*10021074*	20	336725	6065027	23I/12	54.707931	-65.534239	0.170	1.0	2	2	4	3	0	0		1	2	ANtgn
SA5090968	*10021075*	20	336383	6063268	23I/12	54.692028	-65.538554	6.023	2.0	3	2	5	3	0	0		1	1	ANtgn
SA5090969	*10021076*	20	335607	6063675	23I/12	54.695428	-65.550810	11.648	1.0	3	2	2	2	0	0		1	1	ANtgn
SA5090970	*10021077*	20	335011	6065534	23I/12	54.711923	-65.561100	0.016	1.0	3	2	2	5	0	0		3	1	ANtgn
SA5090971	*10021078*	20	335027	6067013	23I/12	54.725206	-65.561689	1.495	1.0	3	2	13	3	0	0		1	1	ANtgn
SA5090972	*10021079*	20	333155	6066987	23I/12	54.724354	-65.590710	0.739	1.0	3	2	7	3	0	0		1	2	ANtgn
SA5090973	*10021081*	20	333467	6062113	23I/12	54.680700	-65.583087	11.648	1.0	3	2	5	4	0	1		1	1	ANtgn
SA5090974	-9	20	326636	6061961	23I/12	54.677026	-65.688825	194.003	-9	1	2	-9	-9	0	0		1	1	P2ga
SA5090975	*10021083*	20	319150	6065354	23I/12	54.704844	-65.806882	0.047	1.0	3	2	4	5	0	0		1	1	P2st
SA5090976	*10021084*	20	318599	6066066	23I/12	54.711040	-65.815866	0.005	2.0	3	2	5	3	0	0		1	1	P2st
SA5090977	*10021085*	20	317128	6064843	23I/12	54.699525	-65.837902	0.118	4.0	1	2	5	3	0	0		1	1	P2i
SA5090978	*10021086*	20	316641	6066580	23I/12	54.714938	-65.846541	0.155	2.0	3	2	5	3	0	0		1	1	P2i
SA5090979	*10021087*	20	315049	6066770	23I/12	54.716059	-65.871342	0.926	2.0	1	2	5	3	0	0		1	1	P2i
SA5090980	10021088	20	333418	6062095	23I/12	54.680523	-65.583836	11.648	2.0	3	2	5	3	0	2		1	1	ANtgn
SA5090981	*10021089*	20	314848	6065018	23I/12	54.700260	-65.873346	1.027	2.0	1	2	5	3	0	0		1	1	P2st
SA5090982	*10021091*	20	314126	6068639	23I/12	54.732493	-65.886845	0.191	3.0	1	2	5	3	0	0		1	1	P2sh
SA5090983	*10021092*	20	313114	6068684	23I/12	54.732521	-65.902569	194.003	3.0	1	2	7	1	0	0		1	1	P2sh
SA5090984	*10021093*	20	312495	6067352	23I/12	54.720335	-65.911311	0.010	2.0	3	2	4	5	0	0		1	1	P2sh
SA5090985	*10021094*	20	311668	6066492	23I/12	54.712306	-65.923577	0.008	1.0	3	2	5	3	0	0		1	1	P2st
SA5090986	*10021095*	20	310418	6069315	23I/12	54.737172	-65.944791	0.094	3.0	1	2	5	3	0	0		1	1	P2ga
SA5090987	*10021096*	20	308973	6067377	23I/12	54.719230	-65.965931	0.285	1.0	1	2	7	1	0	0		1	1	P2i
SA5090988	*10021097*	20	308766	6068829	23I/12	54.732182	-65.970094	0.056	3.0	1	2	5	3	0	0		1	1	P2sh
SA5090989	*10021098*	20	307532	6068559	23I/12	54.729287	-65.989052	0.042	2.0	1	2	5	3	0	1		1	1	P2sh
SA5090990	-9	20	308188	6064648	23I/12	54.694439	-65.976306	0.160	-9	3	2	-9	-9	0	0		1	1	P2st
SA5090991	10021101	20	306638	6062495	23I/12	54.674522	-65.998894	0.188	1.5	3	2	5	4	0	0		1	1	P2st
SA5090992	10021102	20	307287	6061379	23I/12	54.664756	-65.988108	0.059	3.0	3	2	5	3	0	0		1	1	P2st
SA5090993	10021103	20	309754	6062304	23I/12	54.673998	-65.950515	0.402	2.0	1	2	13	4	0	0		1	1	P2st
SA5090994	10021104	20	309423	6065053	23I/12	54.698544	-65.957436	0.132	2.0	3	2	5	3	0	0		1	1	P2st
SA5090995	10021105	20	310674	6065090	23I/12	54.699349	-65.938075	0.016	1.0	2	2	5	3	0	0		1	1	P2st
SA5090996	10021106	20	337743	6061218	23I/12	54.674063	-65.516337	0.011	1.0	2	2	8	5	0	0		1	1	ANtgn
SA5090997	10021107	20	336422	6060603	23I/12	54.668114	-65.536457	0.051	1.0	2	2	2	3	0	0		1	2	ANtgn
SA5090998	10021108	20	334372	6061131	23I/12	54.672183	-65.568509	0.015	1.0	3	2	4	5	0	0		1	1	ANtgn
SA5090999	10021109	20	334551	6059284	23I/12	54.655660	-65.564683	0.005	0.7	2	2	2	5	0	0		1	1	ANtgn
SA5091000	10021111	20	307463	6068568	23I/12	54.729341	-65.990128	0.042	3.0	1	2	5	3	0	2		1	1	P2sh
SA5091001	10021112	20	333060	6058311	23I/12	54.646433	-65.587222	0.005	1.5	2	2	5	3	0	0		1	1	P2pmv
SA5091002	10021113	20	331857	6061524	23I/12	54.674877	-65.607692	0.003	2.0	1	2	5	3	0	0		1	1	P2pmv
SA5091003	10021114	20	331453	6058542	23I/12	54.647971	-65.612231	0.021	1.0	3	2	5	4	0	0		1	1	P2pmv
SA5091004	10021115	20	331171	6060855	23I/12	54.668641	-65.617932	0.240	2.0	1	2	5	4	0	0		1	1	P2pmv
SA5091005	10021116	20	328485	6061107	23I/12	54.669994	-65.659681	194.003	1.0	1	2	8	3	0	0		1	1	P2pmv
SA5091006	10021117	20	328625	6058465	23I/12	54.646324	-65.655964	194.003	2.0	1	2	7	3	0	0		1	1	P2ga
SA5091007	10021118	20	327700	6058379	23I/12	54.645236	-65.670232	0.219	2.0	1	2	5	4	0	0		1	1	P2ga
SA5091008	10021119	20	325907	6060480	23I/12	54.663480	-65.699236	0.017	1.0	2	2	2	5	0	0		1	2	P2ga
SA5091009	10021121	20	325499	6058692	23I/12	54.647288	-65.704487	194.003	2.0	6	2	2	2	0	0		1	1	P2st
SA5091010	10021122	20	323405	6059036	23I/12	54.649645	-65.737107	0.020	1.0	1	2	2	3	0	1		1	1	P2st
SA5091011	10021123	20	320824	6061441	23I/12	54.670319	-65.778533	0.006	2.0	1	2	5	3	0	0		1	1	P2st
SA5091012	10021124	20	318892	6061691	23I/12	54.671872	-65.808608	0.015	4.0	1	2	4	3	0	0		1	1	P2sh
SA5091013	10021125	20	319397	6062992	23I/12	54.683732	-65.801592	0.015	2.0	1	2	5	3	0	0		1	1	P2st

Appendix 1 - Open File 023I/0101

FldNum	SedLabNum	UtmZone	UtmEast	UtmNorth	NTSmap	Lat_NAD27	Long_NAD27	Area_km2	Depth_m	Veg	WaterLevel	SedColour	Comp	Contam	SiteDup	Mineralztn	WaterColr	WatSusp	Lithology
SA5091014	-9	20	317263	6062712	23I/12	54.680447	-65.834475	1.632	-9	1	2	-9	-9	0	0		1	1	P2sh
SA5091015	10021127	20	315960	6063616	23I/12	54.688085	-65.855228	0.067	4.0	6	2	5	3	0	0		1	1	P2i
SA5091016	10021128	20	312361	6063628	23I/12	54.686861	-65.910992	0.009	1.0	3	2	5	3	0	0		1	1	P2st
SA5091017	10021129	20	312630	6065316	23I/12	54.702112	-65.907909	0.331	1.0	3	2	2	2	0	0		1	1	P2st
SA5091018	10021131	20	310830	6063621	23I/12	54.686224	-65.934705	0.144	1.0	3	2	5	5	0	0		1	1	P2st
SA5091019	10021132	20	312498	6061656	23I/12	54.669213	-65.907604	0.006	4.0	6	2	5	3	0	0		1	1	P2i
SA5091020	10021133	20	323365	6059071	23I/12	54.649945	-65.737747	0.020	1.5	1	2	2	4	0	2		1	1	P2st
SA5091021	10021134	20	307252	6061258	23I/12	54.663657	-65.988570	0.059	2.0	3	2	5	3	0	0		1	1	P2st
SA5091022	-9	20	307700	6058926	23I/12	54.642900	-65.980101	1.932	-9	1	2	-9	-9	0	0		1	1	P2st
SA5091023	10021136	20	308850	6059051	23I/12	54.644460	-65.962388	0.098	1.0	1	2	5	3	0	1		1	1	P2st
SA5091024	10021137	20	308637	6060621	23I/12	54.658469	-65.966711	0.530	1.0	3	2	8	1	0	0		1	1	P2st
SA5091025	10021138	20	310280	6060426	23I/12	54.657342	-65.941150	0.010	1.5	3	2	2	5	0	0		1	1	P2st
SA5091026	10021139	20	310648	6058031	23I/12	54.635985	-65.933904	0.841	1.5	1	2	7	3	0	0		1	1	P2st
SA5091027	10021141	20	314060	6060584	23I/12	54.660172	-65.882734	0.074	5.0	1	2	5	3	0	0		1	1	P2sh
SA5091028	10021142	20	337629	6058846	23I/12	54.652729	-65.516790	0.015	0.7	2	2	4	5	0	0		1	1	ANtgn
SA5091029	10021143	20	337306	6057010	23I/12	54.636142	-65.520766	0.007	1.0	3	3	13	3	0	0		1	1	ANtgn
SA5091030	10021144	20	336596	6055694	23I/12	54.624097	-65.531021	0.061	1.0	2	2	5	3	0	0		1	1	ANtgn
SA5091031	10021145	20	334774	6055069	23I/12	54.617892	-65.558859	0.006	1.0	2	2	2	5	0	0		1	1	ANtgn
SA5091032	10021146	20	333222	6054941	23I/12	54.616231	-65.582795	1.168	2.0	1	2	7	4	0	0		1	1	P2pmv
SA5091033	10021147	20	333876	6057238	23I/12	54.637069	-65.573981	0.101	1.0	3	2	13	3	0	0		1	1	ANtgn
SA5091034	10021148	20	331157	6057035	23I/12	54.634342	-65.615944	0.058	1.0	3	2	5	3	0	0		1	1	P2pmv
SA5091035	10021149	20	330550	6055553	23I/12	54.620834	-65.624481	194.003	2.0	1	2	7	2	0	0		1	1	P2pmv
SA5091036	10021151	20	328501	6057087	23I/12	54.633912	-65.657076	0.030	1.0	2	2	4	5	0	0		1	2	P2st
SA5091037	10021152	20	327535	6057318	23I/12	54.635655	-65.672161	0.065	1.0	3	2	7	1	0	0		1	1	P2st
SA5091038	10021153	20	326120	6055711	23I/12	54.620743	-65.693104	0.008	0.7	2	2	2	5	0	0		1	1	P2st
SA5091039	10021154	20	324433	6055998	23I/12	54.622734	-65.719372	0.012	1.0	1	2	5	3	0	0		1	1	P2st
SA5091040	10021155	20	308737	6059062	23I/12	54.644516	-65.964144	0.098	1.0	1	2	5	3	0	2		1	1	P2st
SA5091041	10021156	20	323467	6057596	23I/12	54.636741	-65.735279	0.112	2.0	1	2	5	3	0	0		1	1	P2st
SA5091042	-9	20	320346	6057857	23I/12	54.637979	-65.783734	194.003	-9	1	2	-9	-9	0	0		1	1	ANtgn
SA5091043	10021158	20	316668	6060995	23I/12	54.664819	-65.842614	194.003	11.0	1	2	7	1	0	0		1	1	P2sh
SA5091044	10021159	20	317455	6058495	23I/12	54.642666	-65.828868	194.003	11.0	1	2	7	1	0	0		1	1	P2sh
SA5091045	10021161	20	314166	6058801	23I/12	54.644211	-65.879962	0.006	2.0	6	2	5	3	0	1		1	1	P2i
SA5091046	-9	20	316380	6056587	23I/12	54.625149	-65.844308	194.003	-9	1	2	-9	-9	0	0		1	1	P2sh
SA5091047	-9	20	315350	6055600	23I/12	54.615913	-65.859619	194.003	-9	1	2	-9	-9	0	0		1	1	P2sh
SA5091048	10021164	20	313604	6055614	23I/12	54.615395	-65.886630	0.045	2.0	6	2	5	3	0	0		1	1	P2i
SA5091049	10021165	20	314144	6058796	23I/12	54.644155	-65.880298	0.006	2.0	6	2	5	3	0	2		1	1	P2i
SA5091050	10021166	20	314050	6056374	23I/12	54.622382	-65.880215	0.004	1.0	3	2	2	5	0	0		1	1	P2i
SA5091051	10021167	20	310700	6056632	23I/12	54.623449	-65.932195	3.296	0.7	3	2	7	2	0	0		1	1	P2st
SA5091052	10021168	20	308265	6056776	23I/12	54.623820	-65.969951	3.296	2.0	1	2	7	3	0	0		1	1	P2st
SA5091053	10021169	20	308371	6055494	23I/12	54.612354	-65.967474	0.045	1.0	2	2	5	3	0	0		1	1	P2st
SA5091054	10021171	20	306885	6056371	23I/12	54.619657	-65.991028	0.457	2.0	3	2	5	3	0	0		1	1	P2st
SA5091055	10021172	20	306687	6055206	23I/12	54.609126	-65.993322	0.448	1.0	3	2	13	3	0	0		1	1	P2st
SA5091056	10021173	20	308366	6052418	23I/12	54.584746	-65.965542	0.006	2.0	6	2	2	5	0	0		1	1	P2st
SA5091057	10021174	20	309814	6051209	23I/12	54.574443	-65.942385	0.010	3.0	3	2	8	3	0	0		1	1	P2i
SA5091058	10021175	20	313835	6054132	23I/12	54.602179	-65.882117	194.003	5.0	1	2	13	3	0	0		1	1	P2sh
SA5091059	10021176	20	313072	6052864	23I/12	54.590516	-65.893105	0.004	2.0	3	2	5	3	0	0		1	1	P2sh
SA5091060	10021177	20	317267	6052753	23I/12	54.591058	-65.828198	194.003	1.0	6	2	5	2	0	0		1	1	P2ac
SA5091061	10021178	20	316086	6050959	23I/12	54.574526	-65.845329	0.264	3.0	1	2	5	3	0	0		1	1	P2ac
SA5091062	10021179	20	315213	6051392	23I/12	54.578093	-65.859089	194.003	3.0	1	2	7	3	0	0		1	1	P2ac
SA5091063	10021181	20	313263	6051168	23I/12	54.575364	-65.889075	0.481	1.0	1	2	5	3	0	0		1	1	P2sh
SA5091064	10021182	20	311915	6048977	23I/12	54.555198	-65.908500	3.949	2.0	1	2	5	3	0	0		1	1	P2sh
SA5091065	10021183	20	312820	6049214	23I/12	54.557662	-65.894675	3.949	2.0	1	2	5	3	0	0		1	1	P2sh
SA5091066	10021184	20	315420	6048809	23I/12	54.554984	-65.854269	0.439	6.0	1	2	13	3	0	0		1	1	P2ac
SA5091067	10021185	20	316719	6049508	23I/12	54.561732	-65.834645	0.004	3.0	6	2	2	3	0	0		1	1	P2ac
SA5091068	10021186	20	316752	6046685	23I/12	54.536405	-65.832378	4.464	8.0	6	2	7	1	0	0		1	1	P2ac
SA5091069	10021187	20	314667	6047307	23I/12	54.541227	-65.864951	1.196	2.0	1	2	5	3	0	0		1	1	P2ac

Appendix 1 - Open File 023I/0101

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
SA5090001		0.05	1.11	0.6	1	0.5	160	163	0.2	13	0.52	0.2	26	38
SA5090002		0.05	1.02	0.25	1	0.5	110	138	0.2	15	0.38	0.2	20	32
SA5090003		0.05	1.28	0.7	1	0.5	150	170	0.2	10	0.45	0.2	35	41
SA5090004		0.05	1.53	3	5	0.5	150	208	0.4	16	0.67	0.3	65	79
SA5090005		0.05	1.86	0.6	1	0.5	180	237	0.3	12	0.64	0.2	40	47
SA5090006		0.05	1.68	1	3	0.5	170	218	0.4	13	0.53	0.4	44	54
SA5090007		0.05	0.65	0.25	3	0.5	82	82	0.1	14	0.37	0.1	18	20
SA5090008		0.05	1.06	0.25	2	3	100	142	0.2	12	0.41	0.2	39	45
SA5090009		0.05	2.7	3.2	5	0.5	280	300	0.7	25	0.66	0.6	69	79
SA5090010		0.05	0.75	0.25	1	2	71	102	0.2	9	0.75	0.2	29	35
SA5090011		0.05	1.26	0.8	1	1	130	157	0.2	13	0.49	0.2	39	44
SA5090012		0.05	1.83	1.6	3	0.5	220	242	0.3	19	0.81	0.2	48	48
SA5090013	Rocky Bottom, multiple drops.	0.05	1.62	2.2	4	0.5	180	216	0.3	24	0.73	0.4	54	54
SA5090014		0.05	0.79	1.4	2	0.5	130	124	0.1	16	0.44	0.2	21	31
SA5090015		0.05	2.69	2.4	5	0.5	190	232	0.6	22	0.5	0.5	73	82
SA5090016		0.05	3.22	1.6	4	0.5	260	342	0.6	15	0.66	0.3	55	65
SA5090017		0.05	1.87	2	3	0.5	170	211	0.4	27	0.51	0.3	50	62
SA5090018		0.05	2.06	0.25	2	0.5	210	258	0.4	12	0.58	0.2	41	57
SA5090019		0.05	4.46	0.9	4	0.5	530	686	0.8	8	1.96	0.1	71	69
SA5090020		0.05	1.17	0.5	1	0.5	130	157	0.2	11	0.45	0.2	32	33
SA5090021		0.05	1.05	0.25	1	0.5	120	159	0.2	12	0.39	0.3	34	39
SA5090022	Some cg clastic material	0.05	5.84	1.2	4	0.5	840	895	1.1	6	2.86	0.05	100	85
SA5090023		0.05	1.73	1	3	0.5	260	310	0.4	12	0.66	0.4	64	67
SA5090024		0.05	1.37	0.8	1	1	130	178	0.2	18	0.51	0.2	32	38
SA5090025	Minor cg clastics	0.05	6.22	1	4	0.5	850	798	1	4	2.73	0.05	68	53
SA5090026		0.05	1.33	3.6	6	0.5	160	177	0.3	11	0.41	0.2	55	52
SA5090027	Difficult to collect sample. Minor cg clastics	0.05	6.01	2.7	5	0.5	840	789	1	8	2.79	0.05	76	58
SA5090028		0.05	1.09	0.6	2	2	84	125	0.2	19	0.38	0.2	46	49
SA5090029		0.05	1.33	0.6	1	0.5	100	159	0.2	15	0.38	0.2	37	41
SA5090030		0.05	1.33	0.8	1	0.5	110	145	0.2	21	0.52	0.4	33	38
SA5090031	Some fg clastics	0.05	5.79	3.3	6	0.5	640	684	1	10	2.39	0.05	76	66
SA5090032		0.05	1.19	0.25	1	1	140	158	0.2	9	0.45	0.1	29	32
SA5090033		0.05	2.53	0.9	3	0.5	230	285	0.5	12	0.86	0.8	75	82
SA5090034		0.05	3.44	3.5	6	0.5	320	361	0.9	18	0.68	0.8	98	106
SA5090035	Some lake grass	0.05	2.56	0.8	3	0.5	210	272	0.5	13	0.81	0.6	60	65
SA5090036	Minor peat, Minor fg clastics	0.05	3.05	0.7	2	0.5	350	461	0.6	9	1.24	0.3	76	71
SA5090037		0.05	1.05	0.7	2	0.5	100	127	0.2	12	0.34	0.2	44	48
SA5090038	Minor peat	0.05	1.54	0.7	2	0.5	170	175	0.3	13	0.53	0.2	35	41
SA5090039		0.05	2.76	3.4	8	2	240	289	0.7	30	0.66	0.8	92	107
SA5090040		0.05	1.79	1.1	3	0.5	200	269	0.4	11	0.55	0.4	42	47
SA5090041		0.05	1.32	0.9	2	1	160	218	0.2	16	0.59	0.4	32	33
SA5090042	Grassy	0.05	0.83	0.6	1	0.5	96	116	0.1	8	0.35	0.2	16	21
SA5090043	Grassy	0.05	0.75	0.6	1	0.5	90	122	0.1	11	0.46	0.2	19	26
SA5090044	Twigs and some clastic material	0.05	3.51	1.1	3	2	470	385	0.6	8	1.63	0.4	60	74
SA5090045	Abandoned camp, 1 drum, other garbage	0.05	2.38	3.4	5	0.5	300	414	0.6	16	0.72	0.6	64	87
SA5090046		0.05	2.51	1.9	4	0.5	230	287	0.4	7	0.6	0.1	39	35
SA5090047		0.05	2.73	2.6	4	3	180	285	0.5	13	0.47	0.4	34	39
SA5090048		0.05	2.13	1	3	0.5	180	251	0.4	9	0.61	0.2	31	37
SA5090049	Close to shore after many attempts (rocky)	0.05	1.98	1.2	3	1	210	235	0.3	8	0.58	0.4	31	42
SA5090050		0.05	1.15	1.4	3	2	110	164	0.2	10	0.48	0.3	27	28
SA5090051		0.05	1.3	3.1	4	0.5	110	172	0.3	9	0.48	0.2	20	26
SA5090052		0.05	0.78	0.25	1	0.5	78	106	0.1	8	0.38	0.1	17	23
SA5090053		0.05	1.38	1.4	4	0.5	120	165	0.3	16	0.55	0.3	32	36
SA5090054		0.05	1.23	2.4	3	1	140	172	0.3	16	0.31	0.3	27	35
SA5090055	Some fg clastics	0.05	3.51	2.3	4	0.5	370	447	0.6	9	1.35	0.5	51	57
SA5090056	Cg clastics	0.05	5.22	1.6	4	12	620	598	0.9	5	2.47	0.1	67	54
SA5090057	Fg & Cg clastics	0.05	1.65	0.8	3	0.5	180	236	0.3	8	0.72	0.4	17	31
SA5090058		0.05	0.77	0.25	1	0.5	76	114	0.1	7	0.31	0.2	17	19
SA5090059		0.05	1.52	1.9	2	0.5	160	188	0.3	16	0.36	0.3	23	27
SA5090060		0.05	1.13	1.8	2	0.5	130	146	0.2	8	0.43	0.3	24	35

Appendix 1 - Open File 023I/0101

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
SA5090061		0.05	4.04	4.7	7	0.5	320	362	0.9	22	0.8	0.5	79	69
SA5090062		0.05	2.94	7.7	9	0.5	260	284	0.7	21	0.87	0.5	54	49
SA5090063		0.05	3.19	3.3	5	0.5	260	311	0.7	13	1	0.5	43	43
SA5090064		0.05	4.02	3.8	6	0.5	330	384	0.7	17	1.66	0.3	50	46
SA5090065		0.05	2.26	3	4	1	180	232	0.5	17	0.88	0.6	34	38
SA5090066		0.05	1.6	1.5	6	0.5	110	171	0.3	15	0.65	0.5	38	40
SA5090067		0.05	2.37	2.8	5	2	200	247	0.5	14	0.85	0.5	36	42
SA5090068		0.05	3.36	3.2	5	1	270	322	0.7	17	0.99	0.4	50	45
SA5090069	Minor peat	0.05	5.71	2.9	5	0.5	640	630	1	3	2.25	0.05	58	40
SA5090070		0.05	5.26	6.9	8	0.5	470	508	0.9	7	2.25	0.2	64	47
SA5090071		0.05	5.94	5	7	0.5	680	660	1	3	2.6	0.05	54	39
SA5090072	Cg clastics	0.05	5.74	5.3	7	0.5	720	676	1	4	2.51	0.05	64	45
SA5090073	Grey fg clastics in lower section	0.05	5.91	5	6	0.5	800	714	1	3	2.69	0.05	84	55
SA5090074		0.05	1.81	2.1	3	0.5	180	222	0.3	16	0.47	0.3	36	40
SA5090075	Rocks in vicinity are foliated	0.05	2.9	2.7	5	0.5	230	267	0.6	23	0.73	0.5	50	54
SA5090076		0.05	2.39	2	4	0.5	210	280	0.4	11	1.17	0.3	38	39
SA5090077		0.05	6.42	4.2	6	0.5	760	673	1.2	2	2.29	0.05	79	61
SA5090078		0.05	5.36	8.8	10	0.5	580	546	1	10	2.03	0.1	60	45
SA5090079		0.05	3.01	5	7	0.5	280	325	0.6	21	0.9	0.4	53	52
SA5090080		0.05	1.56	1.7	5	0.5	130	171	0.4	13	0.85	0.5	34	44
SA5090081	Fe-stained boulders to W of lake	0.05	2.39	1.6	4	0.5	230	296	0.4	30	0.65	0.2	36	42
SA5090082	Some fg clastics	0.05	1.42	0.8	1	2	130	186	0.2	13	0.54	0.2	28	30
SA5090083	Some peat	0.05	0.89	1.1	1	0.5	86	117	0.1	12	0.29	0.1	17	20
SA5090084	Minor peat	0.05	1.17	3.4	5	0.5	200	257	0.2	17	0.53	0.2	27	34
SA5090085		0.05	3.48	2.8	5	0.5	280	364	0.7	14	1.25	0.4	55	63
SA5090086		0.05	1.12	1.6	3	0.5	140	156	0.2	10	0.47	0.2	29	37
SA5090087	Fg clastics	0.05	5.11	2	4	0.5	550	569	1	7	2.35	0.2	74	64
SA5090088		0.05	1.33	0.6	1	0.5	94	135	0.2	20	0.35	0.3	46	52
SA5090089		0.05	3	0.9	4	0.5	230	287	0.6	23	0.69	0.2	82	95
SA5090090		0.05	2.64	0.25	1	0.5	270	342	0.4	7	1.21	0.05	36	39
SA5090091	Minor fg clastics at base	0.05	5.52	3.5	7	0.5	600	678	1	7	2.09	0.05	90	85
SA5090092		0.05	2.78	1.9	4	3	230	299	0.7	21	0.72	0.6	76	90
SA5090093		0.05	3.99	3.3	7	0.5	540	584	0.8	13	1.74	0.1	100	93
SA5090094		0.05	5.31	8.1	13	0.5	590	665	1.1	8	1.57	0.05	150	139
SA5090095		0.05	2.44	1.2	3	2	270	320	0.5	15	0.91	0.1	59	71
SA5090096		0.05	1.07	10	10	0.5	150	205	0.3	24	0.68	0.3	38	39
SA5090097		0.05	6.08	4.2	7	0.5	760	790	1.1	10	2.18	0.05	110	95
SA5090098		0.05	1.5	1	2	0.5	140	161	0.3	24	0.43	0.3	41	52
SA5090099		0.05	2.37	0.9	2	1	240	290	0.4	14	0.9	0.2	34	39
SA5090100		0.05	5.54	4	6	0.5	710	711	1	8	2.53	0.05	100	83
SA5090101		0.05	3.72	5.5	8	0.5	480	588	1.1	21	0.95	0.5	140	162
SA5090102		0.05	0.82	0.6	1	0.5	140	146	0.1	20	0.5	0.1	24	32
SA5090103		0.05	1.53	1.1	3	0.5	180	190	0.3	22	0.63	0.2	73	74
SA5090104		0.05	1.22	0.6	6	0.5	130	168	0.4	9	0.55	0.05	50	44
SA5090105		0.05	0.99	0.7	1	0.5	99	119	0.3	13	0.59	0.2	41	41
SA5090106		0.05	1.43	0.8	3	0.5	96	121	0.4	25	0.44	0.4	70	64
SA5090107		0.05	1.69	2.5	6	0.5	210	211	0.4	26	0.76	0.3	110	92
SA5090108		0.05	2.4	1.8	4	0.5	180	218	0.6	25	0.49	0.5	63	73
SA5090109		0.05	6.05	1.1	4	0.5	840	808	1.1	5	2.59	0.05	83	72
SA5090110		0.05	2.09	1	3	0.5	170	212	0.4	20	0.61	0.3	51	59
SA5090111		0.05	5.87	1.9	5	0.5	700	693	1	6	2.87	0.05	92	73
SA5090112		0.05	1.47	0.6	1	2	140	183	0.2	14	0.5	0.2	34	35
SA5090113	Minor fg clastics	0.05	6.45	3.3	6	0.5	890	805	1.1	5	2.52	0.05	110	82
SA5090114		0.05	4.4	3.9	6	0.5	420	532	0.9	10	1.68	0.2	91	106
SA5090115		0.05	2.88	2.1	4	0.5	280	301	0.6	20	0.81	0.4	73	82
SA5090116		0.05	3.96	1.9	5	0.5	410	492	0.8	12	1.58	0.1	83	79
SA5090117	Minor particles in water	0.05	1.36	1.1	2	0.5	93	113	0.3	20	0.53	0.3	69	74
SA5090118		0.05	1.62	0.7	1	0.5	150	190	0.3	14	0.48	0.2	30	39
SA5090119	Minor particles in water	0.05	1.63	0.25	1	0.5	140	166	0.3	22	0.46	0.3	53	49
SA5090120	Minor particles in water	0.05	1.98	1.2	5	0.5	170	204	0.6	15	0.73	0.3	86	104

Appendix 1 - Open File 023I/0101

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
SA5090121		0.05	1.12	0.25	1	1	99	131	0.2	14	0.42	0.05	45	51
SA5090122		0.05	2.35	0.8	2	0.5	200	249	0.5	14	0.71	0.2	80	87
SA5090123	Smells like manure	0.05	1.49	0.25	3	0.5	130	136	0.5	21	0.64	0.2	100	113
SA5090124		0.05	0.88	0.25	1	0.5	62	93	0.1	17	0.46	0.2	20	27
SA5090125	Minor particles suspended	0.05	1.45	0.6	1	0.5	130	172	0.2	11	0.63	0.05	27	33
SA5090126		0.05	0.51	0.5	1	0.5	61	82	0.1	11	0.35	0.1	21	26
SA5090127	Minor particles suspended	0.05	6.35	2.8	6	0.5	810	840	1.2	5	2.36	0.05	100	88
SA5090128		0.05	5.41	5.9	9	0.5	600	677	1	8	2.21	0.05	93	88
SA5090129	Minor fine clastics	0.05	5.53	2.1	5	0.5	650	694	1	9	2.16	0.05	100	96
SA5090130		0.05	1.37	1.1	2	1	110	176	0.3	17	0.95	0.2	25	31
SA5090131		0.05	2.36	0.7	3	0.5	180	249	0.5	14	0.91	0.2	79	93
SA5090132		0.05	1.15	0.8	1	0.5	130	164	0.2	14	0.51	0.2	35	49
SA5090133		0.05	1.28	1.3	1	0.5	130	161	0.2	31	0.58	0.2	36	39
SA5090134		0.05	1.96	0.25	4	0.5	190	254	0.3	10	0.68	0.05	40	48
SA5090135	Minor suspended particles	0.05	2.36	0.8	3	0.5	240	296	0.4	10	0.74	0.05	45	51
SA5090136		0.05	6.52	5.6	8	0.5	870	798	1.1	3	2.74	0.05	91	74
SA5090137		0.05	1.74	0.8	2	0.5	180	218	0.3	6	0.52	0.1	31	37
SA5090138	Minor suspended particles	0.05	0.98	0.5	1	0.5	130	163	0.1	7	0.48	0.1	20	32
SA5090139		0.05	2.17	0.9	2	0.5	170	201	0.5	18	0.63	0.4	55	63
SA5090140		0.05	1.44	0.8	1	0.5	160	226	0.2	20	0.56	0.2	27	37
SA5090141	Water only	0.05	1.79	1	3	0.5	200	248	0.3	15	0.51	0.1	40	45
SA5090142		0.05	1.06	0.25	1	0.5	94	107	0.3	14	0.8	0.3	71	78
SA5090143		0.05	2.83	0.9	4	0.5	280	375	0.6	13	1.22	0.05	88	108
SA5090144		0.05	2.39	0.25	3	0.5	190	213	0.6	19	0.83	0.2	120	129
SA5090145		0.05	1.08	1.1	1	0.5	140	163	0.2	13	0.57	0.05	37	37
SA5090146	Required shifting chopper & 4 drops	0.05	6.36	0.25	3	0.5	980	915	1	4	2.96	0.05	89	71
SA5090147		0.05	2.11	1.1	2	0.5	170	211	0.4	19	0.57	0.2	57	63
SA5090148		0.05	5.8	0.5	3	0.5	820	799	0.9	5	2.99	0.05	100	83
SA5090149		0.05	1.24	0.8	1	0.5	110	143	0.2	19	0.48	0.2	42	44
SA5090150		0.05	6.75	1.5	4	0.5	1000	913	1.2	2	2.9	0.05	120	87
SA5090151		0.05	6.79	3.6	7	0.5	990	884	1.2	2	2.56	0.05	120	94
SA5090152		0.05	1.79	0.25	2	0.5	180	252	0.3	13	0.78	0.2	37	45
SA5090153		0.05	1.85	1.3	3	0.5	250	307	0.4	14	0.82	0.2	49	50
SA5090154		0.05	6.06	0.6	3	0.5	930	857	1	3	2.9	0.05	74	59
SA5090155		0.05	1.25	1.1	2	0.5	96	124	0.5	15	0.38	0.4	68	83
SA5090156		0.05	6.63	1.8	6	0.5	1000	956	1.1	2	3.14	0.05	90	76
SA5090157	Recent Burn on shore	0.05	1.36	1.1	3	0.5	130	164	0.3	15	0.81	0.3	43	50
SA5090158		0.05	5.33	0.25	3	0.5	700	759	0.9	6	2.39	0.05	70	70
SA5090159		0.05	1.06	0.25	3	0.5	130	154	0.2	13	0.42	0.2	34	48
SA5090160		0.05	2.35	1.3	3	0.5	270	329	0.4	13	1.19	0.2	51	53
SA5090161		0.05	5.03	0.6	3	0.5	670	728	0.8	6	2.57	0.05	75	64
SA5090162		0.05	1.71	0.9	1	0.5	230	293	0.3	26	0.64	0.2	27	30
SA5090163		0.05	6.08	0.6	4	0.5	930	856	1	4	2.9	0.05	77	54
SA5090164		0.05	1.18	0.6	2	0.5	130	164	0.2	13	0.53	0.4	35	35
SA5090165		0.05	0.92	0.6	2	0.5	94	128	0.2	15	0.46	0.4	40	44
SA5090166		0.05	0.66	0.25	1	0.5	58	76	0.1	11	0.38	0.3	22	23
SA5090167		0.05	0.77	0.25	1	0.5	110	111	0.1	14	0.55	0.4	28	27
SA5090168		0.05	0.86	0.6	1	2	99	124	0.2	11	0.53	0.4	35	36
SA5090169		0.05	3.76	8.9	12	0.5	550	547	0.7	27	1.75	0.5	100	98
SA5090170		0.05	1.92	0.25	2	0.5	190	251	0.3	9	0.58	0.3	29	33
SA5090171		0.05	1.63	0.25	2	0.5	180	236	0.2	8	0.52	0.3	29	33
SA5090172		0.05	2.18	0.6	1	0.5	220	272	0.4	12	1.08	0.05	41	45
SA5090173		0.05	4.12	1.4	2	0.5	490	595	0.7	10	1.93	0.05	62	67
SA5090174	Sediment has clayey texture, difficult to wash sampler	0.05	2.37	0.8	1	0.5	240	314	0.4	9	0.77	0.05	47	57
SA5090175		0.05	1.15	0.6	1	0.5	120	157	0.2	8	0.38	0.05	26	34
SA5090176		0.05	0.82	0.9	1	0.5	180	230	0.2	12	0.66	0.05	38	47
SA5090177		0.05	5.63	0.7	2	0.5	780	813	0.9	9	2.85	0.05	91	70
SA5090178		0.05	3.15	1.2	3	0.5	250	313	0.8	20	0.71	0.05	96	114
SA5090179		0.05	6.27	1.2	3	0.5	870	900	1.1	5	2.95	0.05	99	78
SA5090180		0.05	2.93	1.4	2	0.5	270	362	0.5	15	1.07	0.05	58	67

Appendix 1 - Open File 023I/0101

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
SA5090181		0.05	2.6	0.7	2	0.5	200	277	0.5	21	0.68	0.05	77	74
SA5090182		0.05	0.77	0.25	1	0.5	96	152	0.1	8	0.55	0.05	14	23
SA5090183		0.05	4.28	0.25	4	0.5	550	644	0.7	7	1.91	0.05	59	63
SA5090184		0.05	1.46	0.8	2	0.5	99	136	0.3	21	0.4	0.05	55	66
SA5090185		0.05	1.54	0.7	1	0.5	170	218	0.3	13	0.63	0.05	42	47
SA5090186		0.05	1.17	0.25	1	2	120	170	0.2	10	0.51	0.05	33	37
SA5090187		0.05	1.64	0.25	1	0.5	170	228	0.3	13	0.57	0.05	44	48
SA5090188		0.05	2.41	0.8	1	0.5	250	319	0.4	14	0.92	0.05	45	52
SA5090189	Smallwood Reservoir	0.05	4.83	1.2	3	0.5	660	758	1	8	2.14	0.05	90	82
SA5090190	Smallwood Reservoir - Some fine clastics	0.05	6.42	0.6	3	0.5	1100	979	1.1	3	2.95	0.05	72	63
SA5090191	Smallwood Reservoir	0.05	3.88	1.5	3	6	450	593	0.7	11	1.85	0.05	76	79
SA5090192		0.05	1.21	0.25	1	0.5	130	213	0.3	20	0.68	0.05	75	82
SA5090193	Smallwood Reservoir - Peaty	0.05	6.06	1.1	4	0.5	960	935	1.1	5	2.87	0.05	98	80
SA5090194		0.05	1.64	0.9	1	0.5	120	154	0.4	27	0.54	0.05	44	53
SA5090195	Smallwood Reservoir - Minor suspended particles	0.05	1.35	1.5	1	0.5	150	213	0.3	15	0.52	0.05	42	53
SA5090196		0.05	2.36	0.9	1	0.5	290	364	0.6	15	1.01	0.05	60	57
SA5090197		0.05	1.99	2.3	6	0.5	270	322	0.4	15	0.98	0.05	50	45
SA5090198	Minor fg clastics	0.05	1.42	1.3	2	0.5	190	232	0.3	14	0.62	0.05	40	42
SA5090199		0.05	2.8	2.5	5	0.5	400	467	0.5	13	1.33	0.2	72	59
SA5090200		0.05	1.6	1.2	3	0.5	200	272	0.3	15	0.77	0.3	38	44
SA5090201		0.05	1.38	1.1	2	1	170	212	0.3	15	0.76	0.3	39	40
SA5090202	5 drops	0.05	3.8	2.1	4	0.5	490	537	0.7	12	1.53	0.2	94	65
SA5090203		0.05	0.9	3.8	4	0.5	120	170	0.2	20	0.72	0.3	23	24
SA5090204		0.05	1.18	0.5	1	0.5	140	141	0.2	16	0.49	0.2	32	38
SA5090205	Fg clastics	0.05	1.6	0.6	1	0.5	150	213	0.3	10	0.58	0.2	48	55
SA5090206		0.05	0.89	0.25	1	0.5	65	104	0.2	17	0.34	0.3	31	39
SA5090207		0.05	1.92	0.25	2	0.5	180	266	0.4	14	0.87	0.1	59	59
SA5090208	3 drops	0.05	3.3	2.2	3	0.5	410	464	0.6	12	1.24	0.2	79	65
SA5090209		0.05	1.38	0.9	2	0.5	210	244	0.3	19	0.7	0.2	44	53
SA5090210	Lake grass	0.05	1.25	0.25	1	0.5	130	183	0.2	8	0.75	0.3	27	34
SA5090211		0.05	0.94	0.25	1	0.5	85	129	0.2	13	0.34	0.2	29	37
SA5090212	Minor fg clastics	0.05	3.08	0.25	2	0.5	380	439	0.5	6	1.32	0.05	42	46
SA5090213		0.05	5.4	1	5	0.5	860	911	0.9	6	2.69	0.05	95	79
SA5090214	Grassy, cg clastics	0.05	2.28	0.7	3	0.5	210	318	0.4	9	1.02	0.2	50	55
SA5090215		0.05	2.19	0.6	3	0.5	200	295	0.4	13	0.85	0.2	60	64
SA5090216		0.05	3.62	0.6	4	0.5	260	334	1	21	0.83	0.3	150	158
SA5090217	Fg clastic layer at base of sample	0.05	6.29	2.4	5	0.5	870	836	1.1	5	2.49	0.05	100	80
SA5090218		0.05	2.27	0.5	1	0.5	270	326	0.4	11	0.93	0.05	43	51
SA5090219	Peaty	0.05	0.71	0.25	1	0.5	95	96	0.1	9	0.26	0.05	29	37
SA5090220	Fg clastic layer at base of sample	0.05	6.5	3	6	0.5	950	887	1.2	8	2.44	0.05	130	100
SA5090221		0.05	3.92	0.25	3	0.5	410	482	0.7	12	1.38	0.05	77	78
SA5090222		0.05	1.43	0.6	1	0.5	160	202	0.3	7	0.62	0.1	36	40
SA5090223		0.05	0.79	0.25	1	0.5	120	136	0.2	12	0.41	0.1	25	32
SA5090224		0.05	2.3	0.25	3	0.5	170	234	0.6	29	0.84	0.2	72	74
SA5090225	Cg clastics at base	0.05	6.09	1.1	4	0.5	820	846	1.1	6	2.92	0.05	140	114
SA5090226		0.05	4.29	5.6	10	0.5	450	574	0.9	15	1.45	0.4	120	128
SA5090227		0.05	3.13	0.7	3	0.5	310	357	0.6	18	1.07	0.4	66	77
SA5090228	Some coarse clastics	0.05	3.84	1.1	2	0.5	430	553	0.7	20	1.8	0.4	65	81
SA5090229		0.05	0.94	0.25	1	0.5	90	117	0.2	9	0.3	0.1	29	35
SA5090230		0.05	1.41	0.8	1	0.5	140	159	0.3	26	0.57	0.2	53	69
SA5090231		0.05	1.13	0.25	1	0.5	100	150	0.2	20	0.66	0.3	41	52
SA5090232		0.05	3.14	1.8	3	0.5	330	413	0.7	27	0.94	0.6	88	100
SA5090233		0.05	2.6	1.2	3	0.5	240	279	0.6	24	0.73	0.4	65	76
SA5090234		0.05	3.31	1.6	4	0.5	340	414	0.7	16	1.27	0.3	85	99
SA5090235		0.05	0.78	0.25	1	0.5	71	104	0.1	18	0.4	0.1	28	32
SA5090236		0.05	3.92	0.25	2	0.5	580	646	0.8	10	1.81	0.05	65	70
SA5090237		0.05	1.85	1.2	3	0.5	200	224	0.5	28	0.84	0.3	95	104
SA5090238		0.05	3.26	1.1	4	0.5	360	392	0.9	22	1.3	0.2	150	166
SA5090239	Abundant stringy plant debris	0.05	2.41	2.9	6	0.5	640	293	0.6	28	0.92	0.4	170	198
SA5090240		0.05	1.57	0.25	5	0.5	170	222	0.4	15	1.56	0.05	89	101

Appendix 1 - Open File 023I/0101

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
SA5090241	Bare hill to SE -- why no trees?	0.05	6.61	0.25	4	0.5	1200	1050	1.2	2	2.79	0.05	94	74
SA5090242		0.05	3.89	0.25	3	0.5	560	654	0.8	6	1.78	0.05	75	89
SA5090243		0.05	1.6	1.1	5	0.5	110	140	0.5	13	0.77	0.1	200	248
SA5090244		0.05	0.78	0.8	1	0.5	83	129	0.1	11	0.51	0.2	36	44
SA5090245		0.05	1.08	0.25	1	0.5	110	173	0.3	7	0.69	0.2	53	48
SA5090246		0.05	3.25	0.6	3	0.5	430	450	0.8	21	1.39	0.2	120	112
SA5090247		0.05	1.65	0.25	1	0.5	240	301	0.3	16	0.68	0.05	23	24
SA5090248		0.05	2.13	0.25	1	2	200	257	0.5	21	0.7	0.3	54	75
SA5090249		0.05	1.25	0.25	2	0.5	110	135	0.3	19	0.52	0.2	48	54
SA5090250		0.05	3.74	1.8	3	0.5	600	646	0.7	13	1.83	0.05	66	58
SA5090251		0.05	1.36	1	1	0.5	170	206	0.4	17	0.75	0.4	61	70
SA5090252		0.05	1.13	0.25	1	0.5	160	215	0.2	6	0.64	0.05	47	57
SA5090253		0.05	1.96	0.8	4	0.5	190	229	0.4	26	0.78	0.3	54	65
SA5090254		0.05	1.29	1.2	3	0.5	150	176	0.3	24	0.59	0.3	56	67
SA5090255		0.05	0.5	0.25	1	0.5	71	65	0.05	7	0.27	0.1	1.5	10
SA5090256		0.05	1.28	0.25	2	0.5	100	142	0.2	17	0.56	0.2	66	62
SA5090257		0.05	0.47	0.25	1	0.5	63	80	0.1	10	0.32	0.2	10	21
SA5090258		0.05	1.6	0.25	3	0.5	160	144	0.4	23	0.56	0.3	92	107
SA5090259		0.05	1.76	0.6	2	0.5	130	152	0.4	23	0.48	0.3	81	95
SA5090260		0.05	2.75	1	2	0.5	250	343	0.5	17	0.99	0.2	58	67
SA5090261		0.05	1.4	0.9	3	0.5	110	130	0.3	19	0.54	0.3	77	91
SA5090262		0.05	2.73	0.25	2	0.5	280	389	0.4	9	1.07	0.05	38	47
SA5090263		0.05	5.83	0.7	4	0.5	830	817	1.2	11	2.49	0.05	90	83
SA5090264		0.05	1.07	0.6	3	0.5	120	145	0.2	17	0.68	0.05	43	51
SA5090265	Fg grey clastics at base of sample	0.05	6.58	4.1	7	0.5	860	865	1.1	10	2.28	0.05	96	84
SA5090266		0.05	1.94	0.25	2	0.5	160	205	0.5	22	0.54	0.4	70	88
SA5090267		0.05	3.3	2.4	5	0.5	320	432	0.7	18	0.99	0.3	75	104
SA5090268		0.05	1.71	0.8	2	0.5	150	173	0.3	21	0.6	0.2	51	68
SA5090269	Minor suspended particles	0.05	4.71	3.7	6	0.5	470	525	0.7	17	2.1	0.05	50	50
SA5090270	Minor suspended particles	0.05	4.44	5.5	7	0.5	420	454	0.8	15	1.77	0.3	52	53
SA5090271	Minor suspended particles	0.05	2.7	3.7	5	0.5	210	258	0.5	29	1.05	0.4	47	52
SA5090272		0.05	5.08	4.5	6	0.5	510	508	0.8	7	2.27	0.1	62	46
SA5090273	Suspended material	0.05	0.36	2.5	3	0.5	120	145	0.1	30	0.37	0.05	8	10
SA5090274		0.05	1.55	0.8	5	0.5	140	192	0.2	4	0.52	0.2	18	21
SA5090275		0.05	0.96	3	5	1	92	120	0.2	8	0.57	0.5	19	29
SA5090276		0.05	1.72	13	13	0.5	160	195	0.4	22	1.53	0.5	17	23
SA5090277	3 stops to get sample - gravel at bottom	0.05	5.01	5.4	7	0.5	500	484	0.9	7	1.36	0.05	51	41
SA5090278		0.05	2.03	2.1	4	0.5	170	215	0.4	25	0.51	0.4	26	35
SA5090279		0.05	4.66	8.9	10	0.5	460	475	0.8	7	1.43	0.1	57	53
SA5090280		0.05	1.94	3.4	5	0.5	170	231	0.4	18	0.62	0.7	37	47
SA5090281	Suspended material	0.05	3.75	10	12	2	340	382	0.7	10	1.48	0.4	38	46
SA5090282		0.05	0.86	1.2	1	0.5	100	133	0.2	12	0.44	0.2	12	19
SA5090283	Minor suspended particles	0.1	2.04	1.6	3	0.5	180	205	0.4	40	0.92	0.3	32	39
SA5090284		0.05	1.36	1.3	4	0.5	110	163	0.3	10	0.4	0.3	45	55
SA5090285	Minor suspended particles	0.05	4.16	3.4	6	0.5	360	410	0.7	10	1.58	0.3	46	49
SA5090286	Minor suspended particles	0.05	4.58	2.3	4	0.5	400	445	0.7	9	1.89	0.2	46	47
SA5090287	Minor suspended particles	0.05	2.12	2.7	4	0.5	180	225	0.4	17	0.69	0.5	31	43
SA5090288	Suspended material	0.05	5.08	11	11	0.5	570	522	0.8	5	1.73	0.05	50	45
SA5090289		0.05	3.31	2.7	4	0.5	300	355	0.5	13	1.3	0.6	39	49
SA5090290	Minor suspended particles	0.05	1.96	2.1	6	0.5	160	218	0.5	13	0.45	0.7	30	42
SA5090291	Minor suspended particles	0.05	5.25	3.4	5	0.5	560	525	0.8	5	1.28	0.05	54	41
SA5090292		0.05	1.21	2.8	4	0.5	140	186	0.4	12	0.52	0.5	34	44
SA5090293		0.05	2.56	2	4	0.5	220	251	0.5	23	0.85	0.4	74	77
SA5090294	Minor suspended particles	0.05	2.66	3.2	6	0.5	200	250	0.5	22	0.77	0.4	75	86
SA5090295		0.05	3.04	5.2	7	0.5	280	323	0.5	17	1.1	0.4	47	58
SA5090296	Minor suspended particles	0.05	4.44	5.8	7	0.5	390	434	0.7	11	1.54	0.4	56	55
SA5090297	Minor suspended particles	0.05	2.09	5.6	7	0.5	190	239	0.4	19	0.59	0.6	48	58
SA5090298		0.05	3.52	4.4	6	0.5	280	346	0.6	13	1.13	0.5	43	49
SA5090299		0.05	3.77	3.9	6	0.5	320	377	0.7	12	1.42	0.4	52	48
SA5090300		0.05	1.16	12	15	0.5	180	217	0.2	17	0.64	0.7	13	33

Appendix 1 - Open File 023I/0101

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
SA5090301	Minor suspended particles	0.05	4.89	2.7	4	0.5	400	534	0.6	10	2.51	0.05	53	43
SA5090302		0.05	2.37	2.5	5	0.5	230	247	0.4	30	0.82	0.5	61	59
SA5090303		0.05	4.28	2.2	4	0.5	360	473	0.6	8	1.98	0.3	48	49
SA5090304	Minor suspended particles	0.05	2.23	3.3	7	0.5	190	259	0.4	22	0.74	0.5	36	44
SA5090305		0.05	3.28	3.9	6	0.5	270	334	0.5	17	0.94	0.4	50	55
SA5090306		0.05	3.16	15	15	0.5	330	380	0.7	16	1.06	0.7	51	60
SA5090307		0.05	3.14	5.1	7	0.5	230	298	0.6	18	0.89	0.5	39	45
SA5090308	Minor suspended particles	0.05	3.2	3.9	6	0.5	250	301	0.6	22	0.93	0.4	46	46
SA5090309	Minor suspended particles	0.05	3.25	12	14	0.5	260	336	0.6	12	1.33	0.5	60	63
SA5090310		0.05	1.77	1.6	3	0.5	130	173	0.3	27	0.48	0.4	33	39
SA5090311		0.05	0.42	1.2	1	0.5	90	106	0.1	12	0.36	0.1	8	10
SA5090312		0.05	5.13	4.8	6	0.5	520	514	0.9	6	1.57	0.1	42	41
SA5090313		0.05	4.76	4.4	6	0.5	430	454	0.8	6	1.59	0.05	48	46
SA5090314		0.05	2.47	3.4	5	0.5	240	291	0.4	31	1.17	0.4	49	55
SA5090315		0.05	3.31	3	4	0.5	300	341	0.6	11	0.98	0.3	47	47
SA5090316	Minor suspended particles	0.05	3.1	3.2	5	0.5	240	287	0.7	32	0.43	0.4	39	45
SA5090317	Minor suspended particles	0.05	2.36	1.7	5	0.5	170	256	0.5	15	0.48	0.4	32	36
SA5090318		0.05	3.64	5.3	8	0.5	410	441	0.7	19	0.97	0.4	45	43
SA5090319		0.05	3.44	4.4	6	0.5	310	381	0.6	12	1.15	0.4	43	43
SA5090320		0.05	2.65	6.2	8	0.5	240	300	0.5	16	0.68	0.6	51	51
SA5090321	Minor suspended particles	0.05	3.03	6.5	8	0.5	260	295	0.6	18	1.03	0.4	62	58
SA5090322	Minor suspended particles	0.05	3.79	8.3	9	0.5	330	378	0.7	16	1.09	0.5	40	43
SA5090323		0.05	1.35	25	24	0.5	190	243	0.3	17	0.95	0.7	14	29
SA5090324		0.2	5.77	3.5	5	0.5	670	604	0.9	3	2.28	0.05	64	48
SA5090325		0.05	4	4.6	6	0.5	320	398	0.7	12	1.26	0.4	49	55
SA5090326		0.2	2.45	2.7	4	0.5	200	252	0.5	15	0.77	0.4	42	57
SA5090327		0.05	3.31	4	5	0.5	340	388	0.5	14	1.29	0.3	46	42
SA5090328		0.1	3.27	2	4	3	250	355	0.6	12	1.16	0.4	57	64
SA5090329		0.05	5.12	0.8	3	0.5	630	665	0.7	6	2.32	0.05	53	48
SA5090330		0.1	1.79	0.25	1	0.5	160	222	0.2	9	0.62	0.2	22	26
SA5090331	Minor suspended particles	0.2	3.09	1.6	5	0.5	260	342	0.6	13	1.03	0.4	48	60
SA5090332		0.05	3.07	2.7	4	0.5	260	341	0.6	12	1.07	0.5	55	70
SA5090333	Minor suspended particles	0.05	5.8	2.9	4	0.5	750	691	0.8	3	2.87	0.05	57	52
SA5090334		0.05	2.01	1.2	3	0.5	190	231	0.3	18	0.52	0.3	50	62
SA5090335		0.1	1.3	1.5	2	0.5	120	175	0.2	12	0.46	0.2	25	32
SA5090336		0.05	4.36	2.3	5	0.5	390	461	0.8	8	1.72	0.1	56	59
SA5090337	Minor suspended particles	0.1	6.56	3.5	6	0.5	800	735	1	2	2.71	0.05	31	27
SA5090338	Grey fine-grained clastics at base of sample	0.2	3.8	2.2	4	0.5	380	430	0.7	7	1.37	0.2	63	67
SA5090339	Minor suspended particles	0.05	2.72	6.9	8	0.5	300	338	0.5	13	0.97	0.3	44	37
SA5090340	Minor suspended particles	0.05	1.93	5.9	7	0.5	190	248	0.4	15	0.75	0.4	46	41
SA5090341	Few particles	0.05	2.61	3.8	5	0.5	220	306	0.5	23	1.04	0.3	47	48
SA5090342	Few particles	0.05	4.53	2.2	4	0.5	490	485	0.8	12	1.99	0.1	46	38
SA5090343		0.1	1.27	8.6	9	0.5	190	260	0.3	18	0.93	0.3	21	24
SA5090344		0.1	0.77	2.9	3	0.5	210	277	0.2	21	0.5	0.2	14	11
SA5090345	Few particles	0.05	4.93	4	7	0.5	520	587	1	7	0.98	0.2	63	56
SA5090346	Few particles. Not much sample after multiple drops.	0.05	4.88	5.4	9	0.5	550	542	1	6	1.2	0.1	61	45
SA5090347	Few particles	0.05	5.11	5.5	7	0.5	570	591	1	8	1.41	0.1	68	53
SA5090348		0.05	4.73	5	6	0.5	520	522	0.8	7	1.39	0.1	54	45
SA5090349	Few particles	0.05	5.14	4.2	6	0.5	600	586	0.9	5	1.28	0.05	66	50
SA5090350	Few particles	0.05	3.79	14	16	0.5	420	503	0.9	12	0.92	0.5	50	48
SA5090351	Few particles	0.1	4.99	3.9	7	0.5	540	616	1	7	1.12	0.2	55	54
SA5090352	Few particles	0.2	3.28	16	17	0.5	360	429	0.6	17	1.1	0.3	37	38
SA5090353		0.05	3.77	5.2	7	0.5	300	346	0.9	7	1.14	0.5	42	46
SA5090354		0.2	1.38	-9	2	-9	-9	188	0.2	-9	0.35	0.3	-9	20
SA5090355		0.1	2.13	2.4	5	1	210	285	0.5	15	0.53	0.5	61	71
SA5090356	Few particles	0.2	2.38	1.6	3	0.5	240	284	0.5	15	0.35	0.3	25	35
SA5090357		0.2	2.63	10	12	0.5	280	381	0.6	10	0.62	0.5	32	38
SA5090358		0.1	2.45	3.4	5	0.5	250	282	0.5	25	0.92	0.3	42	46
SA5090359		0.05	3.39	5.4	8	0.5	310	390	0.8	19	0.63	0.7	83	79
SA5090360		0.2	2.5	1	4	0.5	210	281	0.5	10	0.38	0.1	21	21

Appendix 1 - Open File 023I/0101

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
SA5090361		0.1	2.38	4	5	0.5	220	275	0.4	15	0.96	0.3	35	37
SA5090362	Few particles	0.05	4.86	2.6	5	0.5	500	502	0.7	9	1.7	0.05	53	43
SA5090363		0.3	2.5	3.3	5	0.5	260	309	0.5	18	0.33	0.3	31	34
SA5090364		0.2	4.25	5.4	7	0.5	420	489	1	11	0.75	0.6	57	60
SA5090365		0.05	5.19	6.3	7	0.5	590	577	1	2	1.31	0.05	67	63
SA5090366	Few particles	0.05	6	2.9	5	0.5	660	647	1	6	2.08	0.05	62	51
SA5090367		0.05	5.5	5.6	7	0.5	510	557	0.9	9	1.39	0.05	56	51
SA5090368	Smallwood Reservoir	0.05	6.16	2.9	4	0.5	680	638	0.9	2	2.6	0.05	36	33
SA5090369		0.05	2.59	2	4	0.5	260	337	0.4	14	0.74	0.4	51	65
SA5090370	Few particles	0.05	1.14	2.7	4	0.5	150	186	0.2	22	0.47	0.1	17	19
SA5090371		0.05	4.96	11	14	0.5	510	554	1	11	0.99	0.2	59	57
SA5090372	Smallwood Reservoir	0.05	5.15	7.4	9	0.5	550	546	0.9	9	1.77	0.05	61	51
SA5090373	Few particles	0.05	4.6	10	11	0.5	450	490	0.8	12	1.31	0.3	48	46
SA5090374		0.2	2.3	19	20	0.5	240	297	0.5	19	0.83	0.5	39	38
SA5090375		0.05	4.31	10	12	0.5	430	485	0.8	12	0.95	0.4	62	56
SA5090376		0.05	5.27	6.7	8	0.5	550	569	1	8	1.15	0.1	66	57
SA5090377		0.05	3.94	5.6	8	0.5	330	401	0.7	10	1.29	0.4	50	42
SA5090378		0.3	5.03	7.9	9	0.5	580	573	1	10	1.67	0.3	65	57
SA5090379	Many particles	0.2	3.39	5.6	7	0.5	310	410	0.6	14	1.12	0.3	47	44
SA5090380		0.05	4.43	7.5	9	0.5	430	456	0.7	8	1.47	0.05	50	48
SA5090381		0.2	5.16	7.9	8	0.5	560	548	1	9	1.71	0.1	55	50
SA5090382	Few particles. Difficult to get sample.	0.2	1.07	28	26	0.5	190	239	0.2	19	0.78	0.8	16	27
SA5090383	Many particles. Difficult to get a sample, several drops.	0.05	5.14	7.8	7	0.5	530	525	0.7	6	2.06	0.1	54	44
SA5090384		0.05	3.06	7.9	8	0.5	300	347	0.5	21	0.83	0.3	62	53
SA5090385	Few particles	0.2	1.83	19	20	0.5	220	255	0.3	20	0.72	0.4	36	36
SA5090386	Many particles. Difficult to get a sample, several drops.	0.7	5.18	6.7	7	0.5	770	680	0.9	6	1.93	0.2	53	38
SA5090387	Several drops	0.3	5.78	9.1	10	0.5	710	673	1.3	6	1.33	0.1	68	64
SA5090388	Few particles	0.2	2.11	1.7	3	0.5	190	231	0.4	14	1.14	0.4	39	45
SA5090389		0.1	4.59	7.1	9	0.5	400	458	1	11	0.97	0.4	55	57
SA5090390	Gravelly lake bottom; water only. Few particles	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090391		0.05	1.92	5.8	6	0.5	230	265	0.3	17	0.64	0.3	31	39
SA5090392		0.05	4.13	6.6	8	0.5	400	433	0.7	14	1.42	0.2	57	54
SA5090393	Few particles	0.05	5.78	7.2	7	0.5	660	621	0.9	4	2.1	0.05	65	61
SA5090394		0.05	4.76	3.3	5	0.5	460	499	0.8	11	1.32	0.05	64	71
SA5090395		0.2	1.55	26	27	0.5	240	295	0.4	16	0.82	0.6	27	36
SA5090396		0.05	5.31	8.1	10	0.5	500	544	1	6	1.33	0.1	58	53
SA5090397		0.05	5.98	6.3	7	0.5	660	596	1.1	3	1.95	0.05	74	58
SA5090398		0.05	4.01	9	10	0.5	350	382	0.7	15	1.01	0.5	62	56
SA5090399	Few particles	0.05	2.74	4.6	7	0.5	220	277	0.5	19	0.74	0.4	44	49
SA5090400	Few particles	0.05	5.07	4.5	6	0.5	620	558	0.9	2	1.6	0.05	54	53
SA5090401	Clay	0.05	5.59	3.9	6	0.5	580	560	1	4	1.53	0.2	66	56
SA5090402		0.05	5.4	7.7	8	0.5	660	593	1	3	1.47	0.05	55	54
SA5090403	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090404		0.05	4	3.7	5	0.5	360	407	0.8	16	1	0.2	53	58
SA5090405		0.05	5.81	3.6	5	0.5	630	613	1.1	5	1.67	0.05	71	73
SA5090406	Few particles	0.1	5.34	2.2	5	0.5	580	586	0.9	4	1.69	0.05	76	71
SA5090407		0.05	3.89	6.2	10	0.5	320	404	0.7	11	1.09	0.1	54	52
SA5090408		0.1	0.99	15	15	0.5	130	182	0.2	22	0.61	0.5	23	26
SA5090409	Few particles; water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090410		0.05	5.51	6.6	8	0.5	600	547	1	5	1.83	0.2	72	52
SA5090411		0.1	4.69	13	12	0.5	540	539	0.9	3	1.35	0.3	58	58
SA5090412		0.1	4.25	7.4	9	0.5	540	575	0.8	9	0.82	0.3	54	56
SA5090413		1.9	4.09	11	11	0.5	1500	1339	0.9	7	1.02	0.1	61	56
SA5090414	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090415		0.1	5.25	11	11	5	620	568	1.1	3	1.22	0.05	67	63
SA5090416		0.05	5.69	7.9	9	0.5	590	553	1	4	1.91	0.05	61	48
SA5090417		0.05	3.81	12	12	0.5	340	384	0.6	14	1.3	0.5	43	43
SA5090418		0.05	2.73	13	14	0.5	210	272	0.5	18	0.88	0.4	42	42
SA5090419		0.2	5.84	1.4	3	0.5	650	621	0.9	3	2.75	0.05	46	43
SA5090420	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9

Appendix 1 - Open File 023I/0101

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
SA5090421		0.05	4.42	4.4	6	0.5	420	474	0.8	8	1.41	0.3	58	53
SA5090422		0.1	3.17	16	17	0.5	300	353	0.6	14	1.2	0.4	33	42
SA5090423		0.05	4.46	9.1	10	0.5	400	455	0.9	15	1.59	0.3	50	54
SA5090424	Few particles	0.2	0.53	13	12	0.5	95	118	0.2	22	0.41	0.6	13	18
SA5090425		0.1	1.04	3	4	0.5	110	152	0.2	24	0.67	0.4	26	29
SA5090426	Trace fine-grained clastics. Few particles	0.05	2.76	15	16	0.5	230	301	0.5	18	1.02	0.4	35	33
SA5090427	3 drops	0.05	5.26	4.5	6	0.5	610	573	0.9	5	2.25	0.05	42	33
SA5090428	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090429	Trace peat	0.05	6.44	2.1	5	0.5	660	647	1.2	2	1.93	0.05	67	58
SA5090430	Few particles	0.1	3.08	3.9	6	0.5	260	340	0.6	15	1.3	0.3	34	37
SA5090431		0.1	5.67	4.2	6	0.5	730	655	1	5	2.08	0.05	67	57
SA5090432		0.05	4.23	2.7	5	0.5	390	456	0.8	9	1.43	0.1	59	56
SA5090433	Some fine grained clastics and grass	0.3	5.28	2.9	5	0.5	720	679	1	5	2.06	0.05	62	57
SA5090434		0.05	2.1	10	10	0.5	250	321	0.4	17	0.81	0.5	35	41
SA5090435	Many particles	0.2	3.25	20	17	2	480	499	0.6	12	1.11	0.4	48	63
SA5090436		0.1	1.42	6.7	7	0.5	180	236	0.3	16	0.8	0.4	27	31
SA5090437		0.05	3.53	8	8	0.5	330	384	0.7	17	1.22	0.4	47	44
SA5090438	Floats touching bottom. Many particles	0.05	1.67	3.1	6	0.5	190	245	0.3	16	0.81	0.2	21	22
SA5090439	Fine grained grey clastics at base	0.05	6.16	4.2	6	0.5	760	692	1.1	5	2.58	0.05	81	55
SA5090440	4cm fine grained clastics at base	0.05	6.75	6	9	0.5	830	758	1.3	9	2.07	0.05	89	74
SA5090441		0.05	6.32	5.6	7	0.5	800	704	1.1	2	2.42	0.05	79	60
SA5090442	Few particles	0.05	1.55	1.7	3	0.5	150	208	0.3	22	0.46	0.3	33	45
SA5090443		0.3	1.19	5.3	6	0.5	240	322	0.2	17	0.56	0.3	34	44
SA5090444		0.2	0.99	6	6	0.5	170	224	0.2	24	0.44	0.4	23	33
SA5090445	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090446		0.05	6.04	1	3	0.5	830	772	1	3	2.28	0.05	42	38
SA5090447	Smallwood Reservoir	0.05	4.43	1.1	3	0.5	470	519	0.7	10	1.96	0.05	57	58
SA5090448		0.05	0.78	1.1	1	0.5	77	108	0.1	18	0.45	0.3	14	20
SA5090449	Fine grained clastics intermixed with ooze. Few particles	0.1	5.2	1.5	4	0.5	510	570	0.8	6	2.16	0.05	48	42
SA5090450		0.05	3.02	2	4	0.5	250	320	0.5	22	0.84	0.4	61	68
SA5090451	Some coarse grained clastics	0.05	3.39	4.3	5	0.5	340	387	0.5	14	1.39	0.2	46	42
SA5090452		0.05	2.6	3.6	7	0.5	210	262	0.4	22	0.81	0.4	52	51
SA5090453		0.05	1.12	1.2	3	0.5	120	144	0.2	16	0.47	0.2	33	44
SA5090454	Some organic ooze also	0.05	6.06	8	9	0.5	680	637	1	5	2.22	0.05	69	58
SA5090455	Few particles	0.05	2.02	3.7	5	0.5	260	290	0.4	25	0.95	0.3	46	48
SA5090456	Smallwood Reservoir	0.05	2.75	1.1	3	0.5	250	313	0.4	12	1.09	0.2	49	52
SA5090457	40% fine grained clastics 60% organic ooze.	0.05	6.11	4	6	0.5	670	663	0.9	3	2.73	0.05	54	49
SA5090458	Minor particles	0.05	1.6	7.2	8	0.5	180	213	0.3	18	0.76	0.3	27	34
SA5090459	Many particles	0.05	2.43	6.3	8	2	240	277	0.4	22	1	0.4	37	36
SA5090460		0.05	2.57	3.2	5	0.5	230	260	0.4	22	0.81	0.2	58	53
SA5090461		0.05	3.89	14	15	1	420	434	0.7	11	1.31	0.4	49	49
SA5090462		0.05	4.55	15	15	0.5	490	481	0.7	9	1.61	0.2	56	50
SA5090463		0.1	1.77	6.8	8	0.5	200	220	0.3	22	0.64	0.5	44	44
SA5090464		0.05	1.6	1.9	4	1	150	194	0.3	15	0.59	0.3	29	32
SA5090465		0.05	4.81	5.7	7	0.5	520	515	0.8	11	2.02	0.05	53	49
SA5090466	Minor clastics (mica flakes)	0.05	5.18	3.4	7	0.5	630	635	0.8	7	2.24	0.05	55	47
SA5090467	Few particles	0.2	1.2	1.8	3	0.5	160	201	0.2	19	0.41	0.1	23	27
SA5090468		0.05	2.74	4.1	5	2	220	265	0.5	21	0.91	0.4	48	47
SA5090469		0.2	1.26	-9	3	-9	-9	186	0.2	-9	0.59	0.3	-9	29
SA5090470		0.05	4.84	6.4	8	0.5	560	531	0.8	6	1.71	0.05	57	45
SA5090471		0.05	5.14	12	13	0.5	530	557	0.9	9	1.77	0.2	69	59
SA5090472	Grey clastics at base of section	0.05	6.58	4.4	7	0.5	760	712	1.1	2	2.2	0.05	77	67
SA5090473		0.05	4.41	2.4	4	0.5	370	446	0.8	13	1.49	0.2	59	61
SA5090474	Fine grained clastics 20%	0.05	5.27	5.2	6	0.5	610	571	0.9	5	1.95	0.05	62	46
SA5090475		0.05	2.95	2.3	4	0.5	230	317	0.5	17	0.71	0.3	58	63
SA5090476		0.05	5.58	3.6	5	0.5	580	585	0.9	7	2.43	0.1	62	52
SA5090477		0.05	2.25	2.8	5	2	180	249	0.4	26	0.59	0.3	53	55
SA5090478	Coarse grained clastics, feels gritty	0.05	5.79	0.8	4	0.5	760	734	0.9	5	2.65	0.05	70	56
SA5090479		0.05	0.97	4.4	7	0.5	220	298	0.2	18	0.55	0.2	15	25
SA5090480	Some grass plenty of ooze also small sample	0.2	4.66	21	18	2	800	730	1.1	8	1.13	0.4	61	61

Appendix 1 - Open File 023I/0101

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
SA5090481	Some organic ooze	0.05	5.51	7.3	9	0.5	550	530	1	3	1.32	0.05	67	50
SA5090482		0.05	0.89	9.1	8	2	160	173	0.2	26	0.47	0.5	16	14
SA5090483		0.05	5.21	7.1	8	2	530	545	1.1	4	1.26	0.1	62	55
SA5090484		0.05	5.79	3.1	5	0.5	550	562	1.1	5	1.27	0.05	70	52
SA5090485		0.05	4.71	6.2	8	0.5	420	465	0.8	11	1.19	0.2	52	41
SA5090486		0.05	5.15	21	18	0.5	570	517	0.9	3	1.64	0.1	66	56
SA5090487	Fine grained clastic at base of sample	0.05	6.63	7.4	9	0.5	670	625	1.5	7	1.18	0.05	90	65
SA5090488		0.05	3.38	8.1	10	7	260	309	0.7	25	0.78	0.4	55	52
SA5090489		0.05	3.79	18	19	0.5	350	385	0.7	14	1.21	0.5	49	46
SA5090490		0.05	5.16	6.3	8	2	500	503	1	9	1.3	0.1	61	46
SA5090491	Significant fine grained clastics also present	0.6	5.17	8.2	9	0.5	800	737	0.9	8	2.04	0.05	68	57
SA5090492	Some fine grained clastics	0.2	4.59	4.3	6	0.5	500	557	0.8	7	1.72	0.05	66	62
SA5090493	Some coarse grained clastics also	0.05	5.68	2.1	6	0.5	630	603	0.9	4	2.42	0.05	55	42
SA5090494		0.2	5.99	9.4	10	0.5	890	772	1.1	3	2.08	0.05	97	64
SA5090495		0.05	2.07	4.3	6	0.5	190	211	0.5	19	0.66	0.7	65	60
SA5090496	Significant proportion (near 50%) fine grained clastics	0.05	5.79	2.6	5	2	720	649	0.9	3	2.31	0.05	69	56
SA5090497	1 1.5 cm pebble	0.05	4.86	2.5	4	0.5	460	499	0.8	7	1.96	0.05	54	50
SA5090498	Some gritty fine grained clastics also	0.05	5.38	2	4	0.5	610	616	0.9	5	2.19	0.05	55	51
SA5090499	~ 10% fine grained clastics	0.1	1.26	11	10	0.5	240	270	0.2	15	0.67	0.5	17	29
SA5090500		0.05	5.06	6	8	0.5	550	578	0.7	5	2.34	0.05	66	51
SA5090501		0.05	6.01	4.6	6	2	710	657	1	4	2.24	0.05	78	56
SA5090502		0.05	1.02	11	11	0.5	360	433	0.2	20	0.75	0.4	14	21
SA5090503		0.05	5.19	1.6	4	0.5	490	551	0.8	5	1.88	0.05	58	52
SA5090504		0.05	5.86	1.7	4	0.5	660	647	1	4	2.3	0.05	72	52
SA5090505		0.05	3.9	1.7	3	0.5	330	411	0.7	14	1.42	0.1	49	47
SA5090506		0.05	5.34	2.1	6	0.5	650	646	0.9	6	2.09	0.05	62	54
SA5090507	Small sample	0.05	5.9	1.4	4	2	790	751	0.9	5	3.06	0.05	66	53
SA5090508		0.05	4.22	2	4	0.5	410	480	0.7	10	1.57	0.05	60	59
SA5090509		0.05	1.69	0.9	1	0.5	160	208	0.3	17	0.41	0.05	35	41
SA5090510	Shiny fragments may be mica flakes	0.05	5.64	1.2	4	0.5	640	708	0.9	5	2.64	0.05	61	61
SA5090511	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090512		0.05	0.91	0.7	1	0.5	89	127	0.1	14	0.4	0.2	27	27
SA5090513		0.05	4.07	1.5	4	0.5	390	438	0.7	9	1.38	0.05	58	59
SA5090514		0.05	1.06	0.7	2	0.5	100	136	0.2	15	0.56	0.2	30	36
SA5090515	Lake grass	0.05	1.42	0.25	1	0.5	140	181	0.2	9	0.5	0.05	21	24
SA5090516		0.05	1.27	13	13	0.5	180	204	0.3	24	0.63	0.4	28	36
SA5090517	Few particles	0.05	2.36	1	3	0.5	210	252	0.3	19	0.9	0.1	48	50
SA5090518		0.05	5.52	0.6	4	0.5	720	706	0.8	5	2.64	0.05	62	57
SA5090519		0.05	1.52	0.25	1	0.5	160	195	0.2	17	0.74	0.05	22	28
SA5090520		0.05	1.24	0.5	1	0.5	120	159	0.2	7	0.61	0.05	18	20
SA5090521		0.05	2	0.6	4	0.5	220	286	0.3	10	0.76	0.2	43	49
SA5090522		0.05	1.61	0.7	3	0.5	180	213	0.2	10	0.71	0.1	33	38
SA5090523		0.05	5.5	0.6	3	0.5	700	703	0.8	7	2.49	0.05	63	51
SA5090524		0.05	1.14	0.7	1	0.5	130	156	0.2	16	0.45	0.05	27	34
SA5090525		0.05	2.56	1.2	3	0.5	220	258	0.4	17	0.95	0.2	46	50
SA5090526		0.1	2.7	3	4	0.5	220	282	0.5	9	0.69	0.1	55	69
SA5090527		0.05	3.22	2.2	5	0.5	310	368	0.6	11	1.18	0.3	74	75
SA5090528		0.05	1.02	0.9	2	0.5	110	140	0.1	10	0.52	0.2	27	33
SA5090529		0.05	1.39	0.8	2	0.5	170	208	0.2	17	0.57	0.2	39	40
SA5090530		0.05	3.81	3.6	6	0.5	370	453	0.7	11	1.53	0.3	66	74
SA5090531	Few particles	0.05	0.85	0.6	1	1	110	142	0.1	11	0.4	0.2	23	30
SA5090532		0.05	2.93	0.25	2	0.5	280	384	0.4	6	1.09	0.05	33	39
SA5090533		0.05	1.34	1.3	3	0.5	100	156	0.3	12	0.68	0.2	36	43
SA5090534		0.05	0.91	0.7	2	1	120	145	0.1	7	0.39	0.1	36	36
SA5090535	Part of string bog. Sediment disturbed by floats	0.05	0.25	0.25	1	0.5	100	92	0.05	16	0.33	0.05	1.5	7
SA5090536		0.05	3.3	1.7	4	0.5	310	365	0.5	10	1.12	0.2	48	50
SA5090537		0.05	4.56	1.6	4	0.5	460	517	0.7	9	1.71	0.05	55	56
SA5090538		0.05	3.61	0.7	3	1	360	443	0.6	12	1.4	0.2	55	64
SA5090539	Few small particles	0.05	6.4	2.1	5	0.5	830	750	1	2	2.92	0.05	64	53
SA5090540		0.05	4.59	0.7	3	0.5	490	589	0.7	8	1.92	0.05	53	54

Appendix 1 - Open File 023I/0101

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
SA5090541		0.05	3.44	1.5	3	0.5	360	444	0.6	10	1.38	0.3	46	52
SA5090542		0.05	2.5	0.7	3	0.5	230	287	0.3	14	0.78	0.2	44	47
SA5090543		0.05	6.38	0.6	4	0.5	950	856	1	5	2.94	0.05	64	49
SA5090544		0.05	1.98	2.2	3	0.5	150	203	0.3	24	0.57	0.2	37	44
SA5090545		0.05	1.18	2	3	0.5	180	192	0.2	19	0.52	0.3	36	38
SA5090546		0.05	1.47	0.25	5	0.5	130	178	0.2	22	0.45	0.1	38	44
SA5090547		0.05	1.86	0.7	2	0.5	180	248	0.3	16	0.75	0.2	24	31
SA5090548	Minor peat	0.05	1.82	0.25	2	0.5	170	241	0.3	13	0.63	0.05	29	33
SA5090549	Grey fine grained clastic at base	0.05	5.59	4.6	7	2	650	649	0.9	7	2.23	0.05	68	64
SA5090550		0.05	2.19	0.9	3	0.5	170	223	0.3	15	0.37	0.2	47	54
SA5090551		0.05	2.24	1.2	3	2	180	250	0.4	13	0.74	0.3	56	61
SA5090552		0.05	2.05	0.6	3	2	220	274	0.3	10	0.81	0.2	56	62
SA5090553		0.05	2.4	1.1	3	0.5	260	322	0.4	13	0.93	0.3	60	68
SA5090554		0.05	2.12	0.8	3	0.5	230	274	0.3	16	0.78	0.3	66	75
SA5090555		0.05	1.2	0.25	1	0.5	140	158	0.2	9	0.4	0.05	24	28
SA5090556	Water only (Reservoir)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090557		0.05	1.33	0.7	1	0.5	130	184	0.2	11	0.37	0.1	32	37
SA5090558		0.05	2.03	1.1	2	0.5	200	257	0.3	9	0.55	0.2	32	40
SA5090559		0.05	0.91	0.6	1	0.5	130	149	0.1	12	0.35	0.2	13	20
SA5090560	Some peat	0.05	1.18	0.9	4	0.5	120	146	0.2	21	0.34	0.2	31	41
SA5090561		0.05	2.76	1.2	3	0.5	320	373	0.4	20	0.6	0.2	58	73
SA5090562		0.05	1.23	0.6	2	0.5	170	187	0.2	10	0.52	0.1	33	40
SA5090563		0.05	1.44	0.9	2	0.5	130	178	0.2	13	0.41	0.1	37	41
SA5090564		0.05	1.43	0.6	1	0.5	140	189	0.2	12	0.4	0.05	29	37
SA5090565		0.05	1.15	0.25	1	1	140	167	0.2	18	0.47	0.2	29	39
SA5090566		0.05	1.47	0.6	1	0.5	120	175	0.2	13	0.39	0.05	38	42
SA5090567		0.05	1.68	0.25	2	0.5	150	209	0.3	12	0.62	0.2	57	65
SA5090568		0.05	1.37	0.25	1	0.5	220	265	0.2	11	0.64	0.05	28	30
SA5090569	Jelly-like	0.05	1.13	0.25	1	0.5	99	109	0.2	18	0.4	0.2	26	29
SA5090570		0.05	1.01	0.9	1	0.5	120	144	0.2	10	0.55	0.1	30	35
SA5090571		0.05	2.06	0.6	2	0.5	200	252	0.3	15	0.74	0.05	45	50
SA5090572		0.05	0.86	0.25	1	0.5	95	112	0.1	16	0.33	0.1	22	21
SA5090573		0.05	5.24	0.7	3	0.5	620	669	0.8	6	2.31	0.05	57	55
SA5090574		0.05	3.2	1	6	0.5	340	441	0.5	23	1.31	0.05	57	62
SA5090575		0.05	1.39	0.5	2	0.5	150	185	0.2	10	0.36	0.05	23	29
SA5090576		0.05	4.82	0.6	3	0.5	530	669	0.8	7	2.1	0.05	51	48
SA5090577	Water cold	0.05	4.09	0.25	3	0.5	420	500	0.6	5	1.67	0.05	34	36
SA5090578	Few particles	0.05	2.74	0.7	1	0.5	240	335	0.4	6	1.01	0.05	26	31
SA5090579		0.05	3.56	0.8	2	0.5	350	454	0.5	9	1.58	0.05	46	49
SA5090580		0.05	0.88	0.5	1	0.5	63	123	0.1	12	0.31	0.05	18	22
SA5090581		0.05	1.07	0.8	2	0.5	110	150	0.2	13	0.38	0.05	40	43
SA5090582		0.05	1.38	0.5	1	0.5	130	164	0.2	14	0.44	0.1	27	33
SA5090583		0.05	1.28	0.7	2	0.5	110	139	0.3	17	0.44	0.2	57	70
SA5090584		0.05	0.95	0.25	1	0.5	98	122	0.1	12	0.43	0.2	23	31
SA5090585		0.05	5.93	2.2	4	0.5	860	795	1	6	2.66	0.05	91	67
SA5090586		0.05	1.55	0.8	1	0.5	180	224	0.3	14	0.73	0.2	40	43
SA5090587		0.05	2.52	1.6	6	0.5	430	529	0.6	18	0.58	0.6	100	121
SA5090588		0.05	3.33	1.3	4	0.5	480	95	0.8	18	1.42	1	120	135
SA5090589		0.05	6.19	0.6	3	0.5	900	889	1.1	5	2.76	0.05	85	70
SA5090590		0.05	0.82	0.6	3	0.5	81	103	0.2	14	0.48	0.1	31	36
SA5090591		0.05	1.73	0.7	2	0.5	230	282	0.3	20	0.66	0.3	44	49
SA5090592	Few particles	0.05	0.93	0.5	1	0.5	93	128	0.2	13	0.4	0.1	32	37
SA5090593	Many particles	0.05	1.24	0.25	2	0.5	140	161	0.2	12	0.53	0.2	36	46
SA5090594	Many particles	0.05	2.47	0.6	2	1	280	335	0.5	13	0.99	0.2	60	65
SA5090595		0.05	1.94	0.8	1	0.5	190	234	0.3	15	0.6	0.2	51	54
SA5090596	Few particles	0.05	2.09	0.5	1	0.5	230	287	0.3	14	0.75	0.05	32	41
SA5090597		0.05	1.37	1	2	0.5	180	220	0.3	23	1.03	0.6	50	53
SA5090598	Many particles	0.05	2.85	0.8	3	0.5	310	370	0.6	14	1.17	0.1	75	76
SA5090599	Few particles	0.05	2.18	0.6	3	0.5	170	244	0.5	17	0.74	0.2	83	93

Appendix 1 - Open File 023I/0101

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
SA5090600		0.05	2.72	1	3	0.5	280	371	0.5	9	1.17	0.2	57	60
SA5090601		0.05	2.68	0.25	5	0.5	210	219	0.7	24	0.53	0.4	110	122
SA5090602	Few particles	0.05	1.26	0.6	3	0.5	95	126	0.3	19	0.39	0.1	70	81
SA5090603	Minor peat	0.05	2.16	0.5	3	0.5	140	225	0.6	18	0.7	0.3	110	111
SA5090604	Many particles	0.05	0.83	0.25	2	0.5	69	99	0.2	17	0.51	0.2	59	63
SA5090605	Few particles	0.05	0.57	0.25	1	0.5	72	73	0.1	12	0.6	0.2	27	27
SA5090606		0.05	1.36	0.6	3	0.5	100	142	0.4	24	0.5	0.2	79	89
SA5090607		0.05	1.65	0.8	2	0.5	140	173	0.3	27	0.63	0.2	64	72
SA5090608	Few particles	0.05	0.84	0.25	1	0.5	92	136	0.2	6	0.48	0.1	26	31
SA5090609		0.05	0.82	0.25	1	0.5	94	120	0.2	8	0.38	0.1	30	33
SA5090610	Few particles	0.05	1.16	0.25	1	0.5	110	148	0.2	17	0.52	0.2	50	49
SA5090611		0.05	1.56	0.25	3	0.5	120	179	0.3	18	0.58	0.4	61	70
SA5090612	Minor grey coarse grained clastics	0.05	4.09	0.5	3	0.5	530	630	0.7	9	2.16	0.05	100	97
SA5090613		0.05	2.88	0.6	3	0.5	270	343	0.6	18	0.98	0.2	77	87
SA5090614		0.05	1.69	0.6	5	0.5	140	153	0.4	20	0.54	0.4	69	78
SA5090615		0.05	2.91	0.5	4	0.5	360	436	0.6	13	0.84	0.05	86	99
SA5090616	Smallwood Reservoir	0.05	4.62	0.25	3	0.5	570	684	0.8	7	1.95	0.05	62	60
SA5090617		0.05	0.68	0.25	3	0.5	81	92	0.3	11	0.59	0.2	61	74
SA5090618		0.05	4.34	0.25	3	0.5	510	616	0.7	5	1.85	0.05	68	68
SA5090619		0.05	0.92	0.25	1	0.5	91	102	0.2	17	0.45	0.1	28	30
SA5090620		0.05	1.93	0.6	2	0.5	150	186	0.4	22	0.49	0.3	68	76
SA5090621		0.05	1.06	0.25	1	0.5	100	125	0.2	17	0.41	0.2	23	33
SA5090622		0.05	4.46	0.25	3	0.5	440	667	0.8	9	2.15	0.05	59	68
SA5090623		0.05	2.81	0.5	2	0.5	330	410	0.5	8	1.27	0.05	41	48
SA5090624		0.05	2.58	0.8	2	0.5	270	346	0.5	10	1.18	0.1	50	59
SA5090625		0.05	4.38	0.6	3	0.5	490	642	0.8	9	1.95	0.05	57	61
SA5090626		0.05	0.83	0.8	1	0.5	71	111	0.2	14	0.41	0.2	25	30
SA5090627		0.05	1.65	1	3	0.5	160	193	0.3	24	0.56	0.3	48	61
SA5090628		0.05	1.32	0.9	2	2	110	171	0.2	21	0.42	0.2	25	37
SA5090629		0.05	0.86	0.25	1	0.5	88	134	0.1	8	0.43	0.05	21	26
SA5090630		0.05	1.24	0.7	1	0.5	110	113	0.3	20	0.44	0.3	36	51
SA5090631		0.05	1.53	1	2	0.5	150	178	0.3	19	0.85	0.4	45	55
SA5090632		0.05	3.97	0.25	3	0.5	430	541	0.9	10	1.65	0.05	60	67
SA5090633		0.05	5.28	0.8	4	0.5	690	775	0.9	5	2.33	0.05	66	65
SA5090634	Few particles	0.05	0.84	0.25	1	0.5	100	127	0.1	9	0.42	0.2	21	25
SA5090635		0.05	5.75	0.7	3	0.5	770	805	1.1	5	2.75	0.05	72	60
SA5090636		0.05	2.71	3.1	4	0.5	370	432	0.5	17	1.25	0.3	70	59
SA5090637	Few particles	0.05	2.47	3.9	4	0.5	360	400	0.5	18	1.06	0.2	62	63
SA5090638	Few particles	0.05	5.25	1.7	4	0.5	740	783	1	10	2.12	0.05	88	72
SA5090639		0.05	1.31	1	1	0.5	100	140	0.3	18	0.49	0.3	38	48
SA5090640		0.05	3.67	1.4	4	0.5	440	524	0.9	16	1.44	0.1	110	101
SA5090641	Few particles	0.05	1.68	1.5	3	0.5	160	248	0.4	20	0.69	0.3	68	72
SA5090642	Many particles, bottle cracked may have absorbed groundwater during storage.	0.05	2.87	1.1	3	0.5	310	356	0.8	25	0.9	0.4	99	100
SA5090643	Many particles	0.05	0.9	0.7	1	0.5	110	135	0.2	14	0.68	0.2	27	33
SA5090644		0.05	1.45	0.25	4	0.5	150	177	0.3	23	0.62	0.2	97	102
SA5090645		0.05	1.1	0.25	2	0.5	94	128	0.3	11	0.47	0.05	63	75
SA5090646		0.05	0.94	0.25	1	0.5	79	108	0.2	14	0.39	0.05	33	40
SA5090647	Few particles	0.05	0.95	0.9	1	0.5	90	118	0.2	20	0.4	0.05	40	43
SA5090648	Old Burn on NE shore	0.05	2.22	0.25	3	0.5	200	264	0.5	11	0.85	0.05	88	96
SA5090649		0.05	0.89	0.25	2	0.5	100	132	0.3	17	0.54	0.1	77	88
SA5090650	Few particles	0.05	1.06	0.25	3	0.5	89	108	0.3	12	0.51	0.1	85	97
SA5090651	Many particles, Abundant outcrop.	0.05	0.73	0.25	3	0.5	52	84	0.7	14	0.52	0.05	55	58
SA5090652	Few particles Abundant outcrop.	0.05	1.52	0.25	5	0.5	150	164	1	11	0.79	0.1	51	57
SA5090653	Abundant outcrop	0.05	1.18	0.25	3	0.5	97	140	0.8	13	0.67	0.1	52	52
SA5090654		0.05	0.76	0.6	4	0.5	83	91	0.3	18	0.48	0.3	58	55
SA5090655		0.05	1.69	0.25	3	0.5	110	149	0.7	32	0.6	0.2	61	67
SA5090656		0.05	0.81	0.6	2	0.5	86	102	0.7	15	0.46	0.05	42	45
SA5090657	Many particles Abundant outcrop	0.05	1.61	0.25	7	0.5	160	199	1.2	10	0.78	0.05	63	57
SA5090658	Some outcrop	0.05	4	0.5	4	0.5	500	546	1.1	10	1.4	0.05	120	116

Appendix 1 - Open File 023I/0101

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
SA5090659	Abundant outcrop some heavy Fe stain on SW shore.	0.05	2.79	0.25	6	0.5	300	330	1.8	15	1.2	0.1	120	109
SA5090660	Many particles	0.05	0.91	0.25	3	0.5	63	77	0.4	16	0.38	0.2	86	99
SA5090661	Abundant outcrop	0.05	1.21	0.25	2	0.5	87	109	0.3	26	0.59	0.2	79	90
SA5090662		0.05	1.14	0.25	3	0.5	91	123	0.3	28	0.64	0.1	100	123
SA5090663	Few particles	0.05	1.08	0.5	2	0.5	120	136	0.3	15	0.54	0.2	70	81
SA5090664	Few particles	0.05	2.13	0.25	2	0.5	280	319	0.5	19	0.87	0.2	76	80
SA5090665		0.05	2.79	1.1	3	0.5	310	349	0.7	20	0.99	0.3	99	100
SA5090666		0.05	3.24	1.5	3	0.5	430	488	0.6	11	1.23	0.1	84	70
SA5090667		0.05	4.67	0.9	4	0.5	660	732	0.9	13	1.93	0.05	73	69
SA5090668	Water bottle cracked may have absorbed groundwater during storage.	0.05	5.79	1.7	4	0.5	880	836	1.1	10	2.37	0.05	130	95
SA5090669		0.05	2.57	0.9	3	0.5	240	301	0.6	17	0.87	0.4	120	130
SA5090670		0.05	2.45	0.8	4	0.5	210	248	0.7	15	0.73	0.5	140	150
SA5090671		0.05	0.99	0.6	3	0.5	53	102	0.4	17	0.35	0.2	92	98
SA5090672		0.05	1.56	0.25	3	0.5	130	165	0.4	16	0.56	0.2	100	113
SA5090673	Few particles esker to SW.	0.05	2.47	1	3	0.5	240	320	0.5	16	1	0.3	81	91
SA5090674		0.05	0.79	0.25	2	0.5	140	159	0.2	21	0.5	0.1	71	84
SA5090675		0.05	0.98	0.25	3	0.5	170	217	0.2	16	0.46	0.05	98	113
SA5090676		0.05	0.97	0.6	3	0.5	100	118	0.3	15	0.55	0.2	110	105
SA5090677		0.05	1.27	0.25	6	0.5	62	87	0.7	17	0.54	0.2	220	245
SA5090678		0.05	1.59	1	2	0.5	170	195	0.4	24	0.49	0.3	76	78
SA5090679		0.05	1.68	0.25	5	0.5	62	117	0.6	23	0.59	0.2	150	167
SA5090680	Few particles	0.05	1.7	0.25	3	0.5	200	246	0.3	14	0.66	0.1	63	73
SA5090681	Smallwood Reservoir	0.05	3.67	1.1	4	0.5	490	558	0.8	16	1.61	0.05	110	115
SA5090682	Smallwood Reservoir - Few particles, sampled with scoop.	0.05	0.65	1.5	2	0.5	110	141	0.1	21	0.31	0.3	25	29
SA5090683	Smallwood Reservoir	0.05	3.78	0.25	4	0.5	380	501	0.8	17	1.33	0.2	110	117
SA5090684	Few particles.	0.05	1.42	1.7	2	0.5	230	274	0.4	17	0.63	0.5	60	74
SA5090685		0.05	2.98	1.3	3	0.5	410	483	0.6	22	1.26	0.1	71	64
SA5090686	Smallwood Reservoir	0.05	5.53	0.6	4	0.5	800	904	1.1	9	2.26	0.05	86	80
SA5090687	Some grey fine grained clastic at base of sample	0.05	6.61	2.6	6	0.5	1200	1059	1.2	3	2.92	0.05	120	92
SA5090688		0.05	1.27	1.6	3	0.5	170	232	0.3	28	0.7	0.4	45	49
SA5090689		0.05	1.06	5	5	0.5	240	315	0.2	17	0.79	0.2	16	38
SA5090690		0.05	2.88	1.3	2	0.5	450	529	0.6	18	1.19	0.1	87	93
SA5090691	Smallwood Reservoir	0.05	2.58	1.6	4	0.5	290	392	0.5	15	1.21	0.3	63	71
SA5090692	Smallwood Reservoir	0.05	3.12	0.8	3	0.5	360	456	0.6	12	1.34	0.2	59	65
SA5090693		0.05	4.54	0.6	5	0.5	600	687	0.9	17	1.67	0.05	100	102
SA5090694	Smallwood Reservoir	0.05	3.58	0.7	3	0.5	380	469	0.8	16	1.28	0.1	110	112
SA5090695	Smallwood Reservoir - Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090696		0.05	1.48	0.6	2	0.5	130	186	0.3	17	0.45	0.2	73	83
SA5090697	Few particles	0.05	2.05	1.4	3	0.5	230	313	0.5	14	0.75	0.2	70	76
SA5090698		0.05	1.08	0.6	2	0.5	140	158	0.3	17	0.74	0.2	69	88
SA5090699	Smallwood Reservoir - Few particles	0.05	4.95	0.25	4	0.5	750	785	1	7	2.24	0.05	95	92
SA5090700		0.05	1.35	0.8	1	0.5	160	182	0.2	17	0.49	0.2	45	61
SA5090701		0.05	0.99	0.25	5	0.5	110	132	0.6	10	0.57	0.05	90	93
SA5090702		0.05	2.56	0.25	4	0.5	260	312	0.8	16	1.03	0.05	140	143
SA5090703	Minor coarse grained clastics, Many particles.	0.05	2.62	0.25	7	0.5	270	372	1.1	23	1.25	0.05	220	216
SA5090704		0.05	0.88	0.25	3	0.5	62	78	0.4	13	0.45	0.1	97	100
SA5090705	Few particles	0.05	5.53	0.25	4	0.5	880	828	1.1	8	2.07	0.05	87	67
SA5090706		0.05	1.64	1	3	0.5	210	247	0.4	25	0.95	0.3	77	65
SA5090707		0.05	5.03	0.7	5	0.5	650	734	1.4	12	2.13	0.05	120	122
SA5090708	Few particles	0.05	3.89	0.7	4	0.5	520	597	0.7	11	1.83	0.05	76	78
SA5090709	Smallwood Reservoir	0.05	3.85	0.7	4	0.5	450	518	0.8	17	1.31	0.1	100	108
SA5090710		0.05	0.96	0.25	2	0.5	120	139	0.2	12	0.43	0.1	68	74
SA5090711		0.05	1.22	0.25	3	0.5	95	125	0.3	16	0.43	0.2	89	98
SA5090712		0.05	1.57	1.3	3	0.5	130	195	0.4	20	0.71	0.4	82	93
SA5090713	Few particles	0.05	1.79	0.8	3	0.5	190	258	0.4	15	0.84	0.1	110	115
SA5090714		0.05	1.7	0.25	4	0.5	120	167	0.6	31	0.58	0.3	150	153
SA5090715		0.05	0.56	0.25	4	0.5	25	34	0.7	10	0.41	0.05	40	40
SA5090716	Some grass in sample	0.05	1.91	0.25	4	0.5	67	146	0.9	14	0.52	0.3	110	116
SA5090717		0.05	1.18	0.25	3	0.5	130	142	0.4	32	0.48	0.2	110	121

Appendix 1 - Open File 023I/0101

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
SA5090718		0.05	1.64	0.25	8	0.5	55	57	1.4	33	0.38	0.3	180	184
SA5090719		0.05	0.79	0.25	2	0.5	150	183	0.2	17	0.47	0.05	67	79
SA5090720	Minor coarse grained clastics	0.05	4.22	0.25	6	0.5	630	662	1.3	30	2.58	0.05	260	241
SA5090721		0.05	2.66	0.25	5	0.5	200	266	1.6	19	0.98	0.3	130	149
SA5090722		0.05	1.65	0.25	2	0.5	130	198	0.3	18	0.61	0.2	56	68
SA5090723		0.05	1.71	0.25	3	0.5	150	188	0.4	20	0.73	0.2	110	124
SA5090724	Abundant outcrop.	0.05	1.25	0.25	4	0.5	96	89	0.3	20	0.51	0.2	150	152
SA5090725	Many particles	0.05	1.2	0.8	2	0.5	130	138	0.3	16	0.46	0.2	51	63
SA5090726		0.05	1.15	0.25	2	0.5	130	146	0.2	13	0.38	0.1	49	55
SA5090727	Burn on NE shore.	0.05	2.2	0.5	3	0.5	270	324	0.4	14	1	0.1	93	91
SA5090728	Minor grey fine grey clastics	0.05	5.99	1.5	5	0.5	980	965	1.2	5	2.6	0.05	130	110
SA5090729		0.05	1.22	0.25	1	0.5	110	135	0.3	12	0.44	0.05	62	74
SA5090730		0.05	5.35	0.25	3	0.5	740	782	0.9	6	2.42	0.05	52	46
SA5090731		0.05	1.09	0.7	1	0.5	120	144	0.2	10	0.51	0.1	23	28
SA5090732	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090733	Abundant outcrop	0.05	0.92	0.25	3	0.5	73	85	0.3	17	0.48	0.05	120	137
SA5090734		0.05	1.43	0.8	1	0.5	170	198	0.2	17	0.68	0.2	27	29
SA5090735	Few particles.	0.05	1.15	0.8	4	0.5	100	129	0.2	18	0.47	0.2	50	51
SA5090736	Few particles, some grass in sample	0.05	2.73	1	3	0.5	290	373	0.4	15	1.19	0.3	45	52
SA5090737	Few particles.	0.05	1.98	1.2	3	0.5	240	271	0.3	22	0.52	0.2	49	55
SA5090738	Many particles.	0.05	1.28	0.25	1	0.5	120	167	0.2	15	0.42	0.2	29	33
SA5090739	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090740		0.05	2.64	1	3	0.5	280	360	0.4	16	1.03	0.4	51	61
SA5090741	Many particles	0.05	2.47	1.1	3	0.5	240	305	0.4	21	1.06	0.2	54	57
SA5090742		0.05	0.94	1	2	0.5	110	146	0.2	14	0.43	0.2	31	33
SA5090743	Few particles.	0.05	2.39	1.7	3	0.5	430	317	0.5	21	1.5	0.2	42	44
SA5090744		0.05	2.55	1.1	3	0.5	260	313	0.4	18	1.07	0.3	55	59
SA5090745	Few particles.	0.05	1.52	1.2	3	0.5	150	206	0.3	20	0.64	0.3	50	55
SA5090746	Burn on NW shore.	0.05	0.93	0.7	2	0.5	120	133	0.2	22	0.37	0.2	31	39
SA5090747		0.05	2.31	0.7	3	0.5	230	280	0.5	18	0.95	0.4	110	107
SA5090748	Few particles Abundant outcrop	0.05	0.86	0.25	3	0.5	79	96	0.3	10	0.51	0.1	84	96
SA5090749	Abundant outcrop	0.05	1.6	0.5	6	0.5	120	181	1	15	0.77	0.3	120	122
SA5090750		0.05	0.51	0.25	3	0.5	25	48	0.3	9	0.32	0.05	76	83
SA5090751		0.05	0.78	0.25	4	0.5	57	81	0.9	8	0.38	0.05	40	25
SA5090752		0.05	1.35	1	10	0.5	67	85	1	24	0.59	0.2	363	347
SA5090753	Burn on western shore	0.05	0.76	0.25	3	0.5	51	71	0.6	10	0.52	0.05	43	44
SA5090754		0.05	0.7	0.6	3	0.5	69	74	0.4	9	0.48	0.1	51	47
SA5090755	Abundant outcrop	0.05	1.67	0.5	5	0.5	120	145	1.9	17	0.61	0.3	120	117
SA5090756	Sparse trees, some o/c. Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090757		0.05	0.72	0.25	1	0.5	79	83	0.3	15	0.54	0.05	40	32
SA5090758		0.05	0.52	0.25	1	0.5	59	72	0.2	7	0.36	0.1	14	17
SA5090759		0.05	0.66	0.25	1	0.5	70	94	0.3	10	0.39	0.05	26	26
SA5090760		0.05	0.6	0.25	1	0.5	110	133	0.1	13	0.37	0.1	25	26
SA5090761	V. Rocky bottom. Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090762		0.05	5.64	0.25	4	0.5	820	875	1.4	5	2.37	0.05	100	100
SA5090763	Few particles, Minor grey fine grained clastics	0.05	6.49	0.25	4	0.5	1000	1001	1.3	4	2.67	0.05	98	82
SA5090764		0.05	2.7	0.25	3	0.5	280	351	1.8	16	1.09	0.3	99	106
SA5090765		0.05	4.46	0.25	5	0.5	570	695	1.5	8	1.93	0.05	89	93
SA5090766	Few particles	0.05	4.42	0.25	4	0.5	530	641	1.4	14	1.93	0.05	98	100
SA5090767	Few particles outcrop on nearby hill	0.05	2.38	0.25	4	0.5	290	375	0.8	9	1.31	0.05	96	106
SA5090768		0.05	3.95	0.25	4	0.5	530	615	1.5	11	1.73	0.05	130	122
SA5090769	Few particles.	0.05	2.94	0.25	4	0.5	360	413	0.6	12	1.19	0.1	99	102
SA5090770	Many particles	0.05	3.36	0.8	4	0.5	430	524	0.8	9	1.53	0.2	130	144
SA5090771	Minor red coarse grained clastic	0.05	3.98	0.25	4	0.5	550	617	0.8	15	1.68	0.05	71	77
SA5090772		0.05	1.04	0.25	5	0.5	66	74	0.7	11	0.33	0.7	92	109
SA5090773	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090774		0.05	1.21	0.25	2	0.5	98	119	0.3	14	0.43	0.3	49	55
SA5090775		0.05	1.73	0.25	4	0.5	210	260	0.4	21	0.89	0.3	110	104
SA5090776		0.05	1.09	0.25	3	0.5	97	123	0.3	20	0.38	0.3	55	62

Appendix 1 - Open File 023I/0101

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
SA5090777	Outcrop on nearby hill	0.05	1.25	0.6	4	0.5	140	209	0.6	10	0.75	0.1	85	105
SA5090778		0.05	5.2	0.6	4	0.5	770	830	1	8	2.45	0.05	94	84
SA5090779	Minor burn on south west shore	0.05	2.12	0.25	5	0.5	150	192	0.6	20	0.47	0.4	110	127
SA5090780		0.05	1.88	0.25	2	0.5	190	226	0.3	14	0.62	0.1	54	66
SA5090781	Some fine grained and coarse grained clastics.	0.05	6.43	1.1	4	0.5	960	932	1.1	5	2.91	0.05	110	83
SA5090782	Few particles	0.05	1.46	0.25	3	0.5	150	214	0.3	16	0.53	0.2	80	95
SA5090783		0.05	1.23	0.25	2	0.5	130	185	0.2	22	0.66	0.2	37	43
SA5090784		0.05	1.21	0.25	2	0.5	130	164	0.2	14	0.44	0.2	33	39
SA5090785	Old burn on shores	0.05	1.76	0.25	2	0.5	170	222	0.4	18	0.64	0.2	58	64
SA5090786	Old burn on Eastern shore	0.05	2.96	0.25	3	0.5	230	432	0.5	8	1.48	0.05	46	59
SA5090787	Few particles old burn to north	0.05	0.79	0.25	1	0.5	83	119	0.1	10	0.3	0.05	17	26
SA5090788		0.05	0.57	0.25	1	0.5	86	92	0.2	10	0.32	0.1	30	32
SA5090789	Many particles	0.05	1.22	0.25	2	0.5	140	193	0.2	11	0.58	0.1	52	60
SA5090790		0.05	1.12	0.25	2	0.5	120	157	0.3	9	0.35	0.2	55	66
SA5090791	Few particles	0.05	0.74	0.25	1	1	130	151	0.2	11	0.37	0.3	36	39
SA5090792	Few particles	0.05	0.7	0.25	1	0.5	110	145	0.2	11	0.32	0.2	29	35
SA5090793		0.05	1.3	0.25	1	0.5	190	229	0.3	11	0.76	0.05	35	39
SA5090794		0.05	0.98	0.25	1	0.5	150	190	0.2	13	0.36	0.2	47	55
SA5090795	Few particles	0.05	2.26	0.25	3	0.5	300	327	0.5	24	1.11	0.05	90	77
SA5090796		0.05	2.56	-9	4	-9	-9	330	0.8	-9	1.07	0.2	-9	82
SA5090797	Few particles	0.05	0.34	0.25	1	0.5	190	53	0.1	5	0.26	0.05	38	12
SA5090798		0.05	2.04	0.25	2	0.5	25	279	0.4	4	0.71	0.05	1.5	41
SA5090799		0.05	0.65	0.25	1	0.5	95	135	0.2	5	0.36	0.2	23	24
SA5090800		0.05	1.13	0.25	3	0.5	99	122	0.4	14	0.61	0.2	45	52
SA5090801		0.05	1.21	0.25	3	0.5	110	131	0.6	14	0.65	0.1	34	41
SA5090802		0.05	2.83	0.25	4	0.5	250	373	1.1	12	1.2	0.2	74	86
SA5090803		0.05	1.82	0.25	3	0.5	120	157	0.9	22	0.68	0.4	79	90
SA5090804		0.05	1.74	0.25	3	0.5	100	139	0.5	17	0.57	0.2	96	112
SA5090805		0.05	6.62	0.25	4	0.5	1000	990	1.3	5	2.93	0.05	100	86
SA5090806	Few particles	0.05	1.52	0.25	2	2	110	163	0.5	22	0.51	0.2	71	85
SA5090807		0.05	1.03	0.25	2	0.5	130	177	0.2	22	0.38	0.2	49	59
SA5090808		0.05	1.15	0.25	1	0.5	120	158	0.2	11	0.33	0.05	32	41
SA5090809	Some outcrop	0.05	1	0.25	1	0.5	110	129	0.2	20	0.42	0.05	47	58
SA5090810		0.05	1.88	0.25	3	0.5	200	230	0.4	19	0.76	0.2	67	72
SA5090811		0.05	1.64	0.25	2	0.5	180	220	0.3	16	0.68	0.2	51	56
SA5090812		0.05	2.38	0.5	3	0.5	220	322	0.5	14	0.89	0.4	67	81
SA5090813		0.05	0.82	0.25	1	0.5	66	110	0.2	17	0.41	0.1	31	36
SA5090814		0.05	1.53	0.9	4	0.5	140	194	0.3	22	0.69	0.6	32	46
SA5090815		0.05	4	6.4	10	0.5	460	508	0.7	20	1.84	0.2	53	49
SA5090816		0.05	6.79	6.9	9	0.5	700	662	1.4	3	1.92	0.1	85	68
SA5090817	Many particles.	0.05	0.87	6.2	7	0.5	220	262	0.2	26	0.88	0.6	18	26
SA5090818	Many particles.	0.05	1.45	1	3	0.5	130	182	0.4	21	0.75	0.1	69	80
SA5090819		0.05	4.31	1.7	5	0.5	370	492	0.7	6	1.57	0.05	49	59
SA5090820		0.05	2.34	4.9	8	0.5	240	295	0.4	20	0.73	0.3	37	43
SA5090821		0.05	5.79	1.8	4	0.5	670	708	1	5	2.36	0.05	51	50
SA5090822		0.05	6.22	0.9	4	0.5	820	767	1	3	2.88	0.05	62	53
SA5090823		0.05	3.82	1.3	4	0.5	340	427	0.7	11	1.54	0.2	54	64
SA5090824		0.05	1.66	0.25	2	0.5	160	214	0.3	12	0.54	0.2	45	50
SA5090825	Minor grey fine grained clastics	0.05	5.71	2.8	6	0.5	640	684	1.1	8	1.76	0.05	89	94
SA5090826	Water only. Many particles	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090827		0.05	4.16	0.9	3	0.5	600	642	0.8	10	2.15	0.05	76	69
SA5090828		0.05	4.57	2.9	6	0.5	660	690	1.1	12	2.09	0.05	79	71
SA5090829		0.05	0.99	0.25	2	0.5	93	132	0.2	14	0.39	0.05	48	56
SA5090830	Few particles	0.05	2.65	1.2	4	0.5	280	364	0.7	19	1.01	0.1	85	92
SA5090831	Few particles	0.05	1.61	0.25	4	0.5	200	220	0.4	24	0.64	0.2	96	96
SA5090832	Some outcrop on shore, Few particles	0.05	1.39	0.25	5	0.5	77	108	0.5	34	0.48	0.05	110	116
SA5090833	Few particles	0.05	1.55	0.25	2	0.5	140	189	0.3	11	0.47	0.05	51	61
SA5090834	Some outcrop on shore.	0.05	1.18	0.25	2	0.5	74	111	0.3	11	0.45	0.1	59	74
SA5090835		0.05	5.52	1	4	0.5	750	822	1.1	9	2.39	0.05	140	109

Appendix 1 - Open File 023I/0101

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
SA5090836	Burn on E shore.	0.05	2.24	0.25	4	0.5	210	280	0.7	17	0.94	0.3	120	149
SA5090837		0.05	1.19	0.25	5	0.5	92	137	0.6	19	0.5	0.2	130	143
SA5090838	Few particles	0.05	1.05	1.1	3	0.5	110	145	0.2	15	0.47	0.2	31	42
SA5090839	Few particles	0.05	0.95	0.25	3	0.5	96	123	0.2	15	0.39	0.05	42	53
SA5090840		0.05	0.67	0.25	1	0.5	71	94	0.1	12	0.33	0.05	23	23
SA5090841		0.05	1.06	0.25	1	0.5	100	136	0.2	12	0.43	0.1	34	43
SA5090842		0.05	1.32	0.25	3	0.5	140	190	0.3	15	0.59	0.1	49	63
SA5090843		0.05	0.46	0.6	1	0.5	100	132	0.1	17	0.37	0.1	1.5	11
SA5090844		0.05	1.49	0.25	3	0.5	140	155	0.4	30	0.46	0.3	78	80
SA5090845		0.05	3.78	0.25	3	0.5	430	545	0.6	15	1.81	0.1	80	83
SA5090846		0.05	2.09	1.1	5	0.5	210	263	0.7	19	0.74	0.3	66	85
SA5090847		0.05	1.74	0.25	3	0.5	150	202	0.6	17	0.66	0.1	68	74
SA5090848		0.05	2.15	0.25	3	0.5	210	290	0.5	17	0.92	0.4	79	93
SA5090849		0.05	1.24	0.25	2	0.5	140	171	0.2	15	0.61	0.2	32	39
SA5090850		0.05	0.55	0.25	1	0.5	25	63	0.2	10	0.4	0.1	39	42
SA5090851	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090852		0.05	4.84	1.6	4	0.5	550	597	0.8	9	1.99	0.05	52	56
SA5090853	Significant amount of peat	0.05	0.86	2.6	4	0.5	200	250	0.2	16	0.46	0.2	19	25
SA5090854	Water only	-9	0.67	-9	1	-9	-9	62	0.2	-9	0.46	0.2	-9	38
SA5090855		0.05	0.67	0.25	1	0.5	50	61	0.2	13	0.46	0.2	31	38
SA5090856	Few particles	0.05	1	0.6	3	1	76	98	0.6	14	0.51	0.3	43	51
SA5090857		0.05	0.6	0.25	1	1	70	74	0.2	11	0.45	0.1	27	31
SA5090858		0.05	1.25	0.25	1	0.5	25	179	0.4	6	0.78	0.2	12	24
SA5090859	Few particles	0.05	4.98	0.25	4	0.5	690	751	1.1	7	2.36	0.05	78	79
SA5090860		0.05	4.15	0.5	3	0.5	490	616	0.9	7	2.01	0.05	67	71
SA5090861		0.05	0.95	1	4	0.5	83	141	0.3	15	0.53	0.1	52	64
SA5090862		0.05	1.35	0.25	4	0.5	140	181	0.4	16	0.72	0.05	86	97
SA5090863		0.05	0.57	2.1	3	0.5	64	68	0.2	11	0.46	0.05	25	26
SA5090864		0.05	1.42	0.25	4	0.5	170	222	0.3	14	0.75	0.05	48	53
SA5090865		0.05	0.65	0.25	1	0.5	77	102	0.2	10	0.56	0.1	17	19
SA5090866		0.05	3.24	-9	4	-9	-9	460	0.8	-9	1.54	0.05	-9	81
SA5090867		0.05	1.67	0.9	4	0.5	180	242	0.5	9	1.05	0.05	44	55
SA5090868		0.05	1.57	0.25	3	0.5	170	215	0.5	13	0.9	0.05	54	58
SA5090869	Water only. Rocky bottom.	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090870	Abundant outcrop. Water only. Rocky bottom.	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090871		0.05	6.07	0.25	5	0.5	950	948	1.4	2	2.45	0.05	140	122
SA5090872		0.05	0.79	0.25	2	0.5	77	105	0.4	11	0.44	0.05	46	52
SA5090873	Abundant outcrop	0.05	1.72	0.25	3	0.5	200	249	0.5	12	0.87	0.05	60	62
SA5090874	Abundant outcrop	0.05	0.6	0.25	3	0.5	25	66	0.2	9	0.49	0.05	24	18
SA5090875	Abundant outcrop	0.05	0.52	0.7	4	0.5	58	68	0.4	10	0.44	0.2	13	16
SA5090876		0.05	1.92	0.25	3	2	200	273	0.5	8	0.94	0.05	38	39
SA5090877		0.05	1.31	0.25	3	0.5	25	72	1	20	0.44	0.1	80	81
SA5090878	Burn on SW shore	0.05	1.65	0.25	4	0.5	80	116	0.6	20	0.55	0.1	150	168
SA5090879	Abundant outcrop	0.05	0.59	0.25	3	1	25	69	0.2	9	0.48	0.05	10	19
SA5090880		0.05	1.22	0.25	2	0.5	110	129	0.3	16	0.57	0.2	71	77
SA5090881		0.05	1.59	0.25	3	0.5	140	177	0.3	14	0.69	0.2	62	72
SA5090882		0.05	1.18	0.25	3	0.5	70	101	0.3	16	0.46	0.1	56	67
SA5090883		0.05	1.88	1.4	3	2	55	102	0.4	8	0.23	0.3	43	48
SA5090884		0.05	3.11	3.1	5	0.5	110	170	0.8	12	0.4	0.6	40	47
SA5090885	Burn to NW, Few particles	0.1	5.04	10	13	2	290	342	1.4	9	0.92	1	98	101
SA5090886		0.5	3.06	5.1	5	0.5	25	56	0.5	9	0.11	0.6	54	95
SA5090887		0.05	3.6	5.2	8	2	100	123	1.4	26	0.43	2	96	106
SA5090888		0.05	1.6	1.6	3	2	56	96	0.4	19	0.56	0.7	30	38
SA5090889		0.05	3.54	4.1	9	3	140	162	1.1	28	0.61	1.6	74	83
SA5090890	Many particles	0.3	2.37	10	11	0.5	83	88	0.4	11	0.28	1	44	66
SA5090891	Few particles	0.05	3.36	8.5	11	2	220	261	0.8	12	0.96	1	40	47
SA5090892	Many iron rich bogs in area including draining into this pond	0.3	1.54	21	17	0.5	56	44	0.1	7	0.21	1.1	35	90
SA5090893	Many iron rich bogs in area (or seepages)	0.05	4.37	5.4	9	3	140	176	1.1	18	0.44	0.9	82	93
SA5090894		0.05	3.56	5.3	8	0.5	120	131	1.3	26	0.48	2	94	99

Appendix 1 - Open File 023I/0101

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
SA5090895	Few particles	0.05	2.61	4.2	7	3	130	164	0.6	19	0.4	0.5	28	38
SA5090896	Some black material also	0.5	3.81	22	21	3	260	285	1.2	14	1.08	0.8	50	76
SA5090897		0.3	0.54	0.9	2	2	25	54	0.1	18	0.49	0.3	9	13
SA5090898		0.6	4.94	14	14	5	330	357	1.5	43	0.87	1.2	63	69
SA5090899	Minor fine grained clastic	0.05	5.13	15	15	2	380	404	1.1	10	2.45	0.4	54	45
SA5090900		0.1	4.09	10	13	0.5	120	155	1.4	13	1.01	2.4	86	114
SA5090901	Many particles	0.5	5.11	22	25	0.5	510	562	1.5	25	1.37	2.8	86	86
SA5090902		0.2	4.1	7.6	10	3	200	215	1.3	23	1.13	2.5	80	91
SA5090903		0.05	2.46	4.6	7	0.5	200	216	0.6	17	0.78	0.6	52	58
SA5090904		0.05	4.68	12	15	3	330	359	1.7	21	0.82	2.9	88	90
SA5090905		0.2	0.76	0.8	2	0.5	70	80	0.3	16	0.15	0.4	11	16
SA5090906	Brown-black clasts throughout.	2.1	4.09	23	26	0.5	640	697	1.3	15	0.7	1.6	75	77
SA5090907		0.05	3.01	0.6	4	0.5	60	60	0.6	15	0.67	0.8	41	63
SA5090908		0.1	4.58	13	15	0.5	270	295	1.4	19	1.13	2	78	78
SA5090909		0.2	3.13	10	12	0.5	210	273	1	18	0.63	1.3	43	52
SA5090910		0.2	0.96	1.7	3	0.5	25	64	0.3	19	0.5	0.8	13	23
SA5090911	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090912		0.1	3.15	3.4	6	0.5	150	225	0.9	25	0.59	0.8	39	42
SA5090913		0.05	2.54	8.4	9	2	150	201	0.7	26	0.51	1	37	37
SA5090914	Many particles	0.05	3.14	15	18	0.5	190	234	1.3	15	0.5	1.4	50	54
SA5090915		0.6	4.55	20	23	0.5	310	346	1.9	19	0.58	1.2	70	76
SA5090916		0.05	2.41	3.9	6	0.5	130	175	0.7	21	0.33	0.6	37	42
SA5090917		0.05	5.13	8.8	12	0.5	330	359	1.2	8	1.87	1	64	58
SA5090918		0.1	2.4	2.6	4	0.5	160	175	0.6	31	0.56	0.6	28	32
SA5090919		0.5	4.53	6.8	27	3	250	274	1.3	28	0.6	1.7	51	61
SA5090920		0.05	3.22	5.5	10	2	190	226	0.7	29	0.58	0.6	37	38
SA5090921		0.05	2.87	84	81	0.5	190	207	0.9	72	0.93	1.1	41	42
SA5090922	Minor fine grained clastics.	0.05	5.01	74.7	65	2	420	407	1.3	8	1.36	1.5	74	66
SA5090923		0.05	4.66	14	17	3	320	376	2	8	0.88	1.1	60	60
SA5090924	Water only. Very deep.	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090925		0.1	5.4	17	21	3	280	333	2.5	16	0.75	3.4	120	120
SA5090926	Black organic ooze intermixed	0.2	3.26	14	16	3	140	160	1.5	18	0.3	1.5	61	66
SA5090927		1	4.59	42	46	4	380	458	2.7	24	0.44	3.7	130	156
SA5090928		0.5	3.23	7.5	11	3	140	172	1	26	0.56	1.6	53	54
SA5090929	Few particles	0.4	3.53	4.6	7	2	140	181	0.9	20	0.45	0.9	37	43
SA5090930	Many iron seepages locally	0.7	2.43	2.3	1	2	25	34	0.7	6	0.3	1.8	73	109
SA5090931		0.5	1.47	1.9	3	3	25	76	0.3	17	0.35	0.9	17	21
SA5090932		0.05	1.4	7.2	11	0.5	68	87	0.4	12	0.63	1	35	40
SA5090933		0.4	4.71	11	13	0.5	290	337	1.3	17	0.82	1.2	71	74
SA5090934		0.2	4.04	18	24	7	240	305	1.5	21	1.02	1	110	110
SA5090935		0.05	0.69	1.4	3	0.5	53	62	0.2	16	0.49	0.6	21	21
SA5090936	Significant grey fine grained clastics	0.05	6.57	20	20	3	590	547	1.7	4	1.04	0.6	87	68
SA5090937		0.05	1.44	5.5	7	0.5	110	125	0.5	14	1.08	1.1	37	38
SA5090938		0.05	0.31	0.25	2	0.5	25	48	0.2	15	0.24	0.3	7	10
SA5090939		0.05	6.25	8.1	8	2	550	491	1.7	3	1.22	0.05	80	60
SA5090940		0.2	6.02	17	19	3	520	539	1.9	8	0.92	1.6	83	82
SA5090941		0.05	2.04	20	21	0.5	140	160	0.5	19	0.87	0.5	32	32
SA5090942		0.3	4.3	4.1	8	0.5	240	271	1.1	18	0.43	0.8	53	60
SA5090943		0.2	2.63	2.1	5	2	150	193	0.6	18	0.57	0.5	32	36
SA5090944		0.05	1.7	6.9	8	0.5	120	157	0.4	20	0.71	0.5	32	29
SA5090945	Minor fine grained clastic	0.05	5.09	5.9	8	0.5	390	387	1	9	1.73	0.8	66	56
SA5090946		0.05	3.55	4.6	6	0.5	220	230	0.8	16	0.81	0.7	46	55
SA5090947	Few particles	0.05	2.48	0.6	3	0.5	160	204	0.6	14	0.7	0.1	35	40
SA5090948	Few particles	0.1	2.36	1.6	7	0.5	160	179	0.7	18	0.61	0.3	41	46
SA5090949		0.05	1.82	12	14	0.5	110	168	0.5	13	1.12	0.5	26	34
SA5090950	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090951		0.05	5.53	14	15	0.5	500	517	1.5	15	1.24	0.7	80	70
SA5090952		0.05	1.53	5.5	7	0.5	96	123	0.4	9	0.58	0.1	24	31
SA5090953	Few particles	0.05	3.47	40	41	0.5	280	311	0.9	8	1.12	0.2	52	48
SA5090954		0.05	3.55	1.7	4	0.5	230	296	0.9	15	0.37	0.05	50	50

Appendix 1 - Open File 023I/0101

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
SA5090955		0.3	0.72	0.25	1	0.5	25	50	0.2	19	0.09	0.2	10	17
SA5090956		0.1	5.01	15	14	0.5	500	517	1.4	3	0.99	0.3	87	79
SA5090957		0.05	5.88	5.9	6	2	670	572	1.5	2	1.06	0.05	81	58
SA5090958	Few particles	0.2	4.7	13	12	0.5	610	549	1.1	4	1.22	0.05	67	53
SA5090959	Few particles	0.05	4.26	20	19	0.5	350	381	1.2	7	1.05	0.05	66	56
SA5090960	Few particles	0.05	2.17	2	4	0.5	160	189	0.5	13	0.8	0.3	32	32
SA5090961	Few particles	0.05	3.63	12	14	0.5	290	350	1	13	0.85	0.2	43	47
SA5090962		0.05	1.02	2	3	0.5	52	61	0.4	21	0.94	0.7	26	29
SA5090963	Few particles	0.05	4.2	7.3	12	0.5	360	413	0.9	11	1.08	0.05	50	42
SA5090964		0.05	0.54	4.2	4	0.5	25	67	0.2	19	0.34	0.05	6	11
SA5090965	Sampled with scoop	0.05	2.16	-9	8	-9	-9	279	0.4	-9	1.08	0.4	-9	27
SA5090966	Few particles	0.05	5.4	6.5	12	0.5	230	538	1	16	1.45	0.05	24	49
SA5090967	Many particles	0.05	0.64	7	2	0.5	280	88	0.3	14	0.38	0.05	32	15
SA5090968	Few particles	0.05	3.14	5.6	9	2	230	298	0.7	25	0.68	0.7	51	42
SA5090969		0.05	5.47	13	13	0.5	580	544	1	4	1.48	0.2	52	45
SA5090970		0.05	0.64	3.2	4	0.5	67	89	0.2	21	0.38	0.5	11	11
SA5090971	Few particles	0.05	3.36	11	13	0.5	270	303	0.9	18	0.77	0.7	45	36
SA5090972	Many particles	0.05	4.73	3.3	6	0.5	430	459	1.1	7	0.94	0.4	54	41
SA5090973		0.05	3.65	7.7	9	0.5	300	339	0.8	19	0.79	0.6	50	39
SA5090974	Water only. Many particles	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090975		0.05	0.36	0.25	5	0.5	25	38	0.3	20	1.28	0.4	77	82
SA5090976	Few particles	0.05	0.72	0.8	3	0.5	57	53	0.4	28	0.69	0.6	29	31
SA5090977		0.05	1.83	3.3	5	0.5	110	144	0.5	18	0.69	0.9	22	20
SA5090978		0.05	1.6	12	12	0.5	110	116	0.6	14	0.79	1.2	43	46
SA5090979	Minor fine grained clastic	0.05	5.02	28	28	3	390	431	1.3	9	1.15	1	67	52
SA5090980		0.05	3.77	6.3	9	0.5	320	350	0.8	18	0.83	0.6	50	39
SA5090981	Few particles	0.05	3.34	22	24	0.5	240	302	0.8	8	0.87	1.9	53	45
SA5090982		0.05	2.51	7.1	10	0.5	170	187	0.6	21	0.87	0.6	30	24
SA5090983		0.05	6.22	10	12	3	560	538	1.7	1	0.88	0.5	83	68
SA5090984	Labelled 1004, corrected subsequently	0.05	0.49	24	26	0.5	64	57	0.2	27	0.5	0.7	8	6
SA5090985		0.05	2.41	9.3	14	3	110	182	0.7	9	0.53	0.9	30	26
SA5090986		0.3	3.63	14	17	5	290	315	1.2	13	0.52	1	44	45
SA5090987		0.05	5.39	11	11	3	490	485	1.4	5	0.81	0.6	67	57
SA5090988		0.05	4.08	12	15	0.5	310	360	1.2	10	0.69	1.2	48	45
SA5090989	Minor fine grained clastics and gravel	0.05	5.81	10	10	2	600	529	1.6	2	0.78	0.4	72	56
SA5090990	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090991		0.3	3	21	24	0.5	210	242	0.8	14	0.69	1.3	38	34
SA5090992		0.2	2.26	38	40	0.5	120	156	0.8	25	0.57	1.7	60	58
SA5090993		0.2	2.26	3.8	8	0.5	130	160	0.7	26	0.47	1.3	49	52
SA5090994		0.5	1.71	27	31	3	73	102	0.8	20	0.57	2	53	53
SA5090995		0.05	1.08	14	17	2	25	70	0.5	14	0.41	1.2	36	44
SA5090996	Few particles	0.05	1	6.4	8	2	170	263	0.5	19	0.56	0.6	18	16
SA5090997	Many particles	0.05	2.05	14	20	0.5	220	300	0.5	11	0.84	1.2	27	42
SA5090998	Few particles	0.2	0.73	0.6	3	0.5	71	97	0.2	27	0.23	0.9	17	20
SA5090999		0.05	0.3	1.1	1	2	190	230	0.1	17	0.25	0.4	1.5	6
SA5091000		0.2	2.13	2.9	5	2	150	106	0.5	36	1.16	0.6	20	19
SA5091001		0.05	4.8	14	16	3	470	474	0.9	5	1.37	0.4	59	42
SA5091002		-9	0.56	-9	2	-9	-9	99	0.2	-9	1	0.9	-9	9
SA5091003		0.2	0.92	1	3	0.5	75	101	0.2	12	0.91	0.6	12	15
SA5091004		0.2	1.32	2	4	0.5	110	151	0.3	23	0.8	0.7	22	23
SA5091005		0.05	4.28	22	23	0.5	400	451	1.1	9	0.94	0.8	56	51
SA5091006		0.05	4.94	5.4	8	0.5	440	471	1.1	7	1.02	0.4	61	43
SA5091007		0.2	1.7	25	23	0.5	150	162	0.5	18	0.88	0.9	39	33
SA5091008	Many particles	0.05	0.21	1.5	1	0.5	25	31	0.05	15	0.11	0.5	1.5	3
SA5091009	Few particles	0.1	4.66	15	14	0.5	550	511	1.1	3	1.07	0.4	64	46
SA5091010	Few particles	0.3	2.59	1.1	3	0.5	180	61	0.6	8	1.68	1.1	40	38
SA5091011		0.05	1.31	1	10	3	76	95	0.8	15	0.4	1.6	38	39
SA5091012		0.5	1.84	7.5	10	0.5	85	111	0.8	28	0.79	1.6	56	61
SA5091013	Minor fine grained clastics	0.05	6.46	22	22	0.5	600	577	1.8	4	0.82	0.5	76	53

Appendix 1 - Open File 023I/0101

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
SA5091014	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091015		0.7	3.32	9.5	13	2	270	274	1.3	41	0.42	1.9	44	48
SA5091016		0.05	0.65	1.6	3	3	25	36	0.2	11	0.28	1.4	29	27
SA5091017		0.05	5.02	19	19	0.5	450	457	1.2	4	0.89	0.6	51	48
SA5091018		0.3	0.62	1.9	3	2	25	34	0.2	15	0.22	0.9	24	29
SA5091019		0.1	1.24	1.9	3	0.5	25	37	0.8	13	0.32	2.2	20	26
SA5091020		0.1	1.77	2.4	4	0.5	100	127	0.5	13	1.78	1.1	34	49
SA5091021		0.2	3.08	43	44	3	210	227	1.1	24	0.52	2.5	67	70
SA5091022	Water only	0.1	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091023		0.1	1.41	11	13	2	99	118	0.4	8	0.46	1.6	23	26
SA5091024		0.05	4.18	13	16	2	340	379	0.9	8	1.25	1.6	57	58
SA5091025		0.2	0.28	1.2	3	0.5	25	18	0.05	14	0.38	0.8	15	6
SA5091026		0.05	2.95	6.3	9	0.5	210	222	0.9	14	0.52	1.7	54	47
SA5091027		0.2	2.34	6.1	9	4	110	118	1.1	13	0.42	1.1	39	49
SA5091028	Few particles	0.1	0.61	3.4	4	0.5	76	99	0.1	23	0.08	0.7	15	16
SA5091029	Few particles	0.05	2.06	4.6	7	0.5	140	192	0.6	17	0.66	1	39	45
SA5091030	Few particles	0.05	3.51	4.4	6	0.5	280	335	0.7	14	0.73	0.4	30	30
SA5091031	Abundant oil on surface of bog	0.1	0.29	4	5	0.5	88	107	0.05	20	0.3	0.5	11	5
SA5091032	Few particles	0.05	2.56	1.6	5	0.5	200	243	0.6	17	0.73	0.7	47	46
SA5091033	Few particles	0.05	2.99	2.6	6	0.5	260	305	0.6	12	1.06	1.1	55	54
SA5091034		0.05	3	2.2	5	0.5	240	283	0.7	9	1.17	0.6	31	34
SA5091035		0.5	5.26	8.1	10	0.5	650	630	1.3	4	1.08	0.8	71	63
SA5091036	Many particles	0.05	0.25	4.6	6	0.5	110	127	0.05	16	0.32	0.4	3	4
SA5091037		0.05	5.47	2.9	6	2	440	490	1.3	9	0.84	0.7	56	57
SA5091038		0.05	1.6	27	33	0.5	67	60	0.6	17	0.28	1.2	51	65
SA5091039	Few particles	0.05	1.28	0.9	3	0.5	120	136	0.4	9	0.22	0.5	44	42
SA5091040		0.05	1.55	15	18	0.5	87	131	0.4	12	0.46	1.6	20	26
SA5091041		0.2	3.49	3.6	8	0.5	220	284	1.2	14	0.43	1	44	58
SA5091042	Water only (very sandy)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091043		0.3	5.55	9.1	11	0.5	610	545	1.6	1	0.87	0.6	77	66
SA5091044	Minor brown organic ooze	0.8	4.1	17	21	0.5	590	642	1.5	18	0.58	1.2	62	66
SA5091045	Few particles	0.7	0.51	0.8	3	0.5	25	66	0.2	21	0.39	0.9	16	11
SA5091046	Water only, rope went tight at 19 m.	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091047	Water only	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091048		0.4	1.13	3.8	6	0.5	63	84	0.5	42	0.71	1.1	25	20
SA5091049	Few particles	0.7	0.53	0.6	3	2	25	48	0.2	27	0.51	0.9	17	10
SA5091050	Few particles	0.2	0.37	0.25	2	1	25	33	0.2	27	1.23	0.6	10	6
SA5091051	Few particles	0.1	2.27	12	15	0.5	160	180	0.7	13	0.56	1.5	34	36
SA5091052		0.2	2.14	12	14	0.5	150	186	0.6	14	0.61	1.5	35	35
SA5091053	Few particles	0.05	1.74	4.3	7	0.5	120	158	0.4	11	0.55	0.7	26	24
SA5091054	Few particles	0.1	2.13	44	52	0.5	150	198	0.6	10	0.76	1.5	33	36
SA5091055	Elongate "felsenmeer" on NE side trending parallel to shore	0.05	1.88	2	5	0.5	120	141	0.6	13	0.43	1	26	27
SA5091056		1	0.43	0.25	1	0.5	25	50	0.1	20	0.16	0.5	1.5	3
SA5091057	Bubbling iron rich seeps entering pond	0.2	0.4	59.4	65	0.5	25	34	0.8	20	0.15	1.8	9	23
SA5091058	Lake grass	0.6	3.48	15	17	0.5	520	568	1.6	28	0.54	1.9	65	73
SA5091059		0.05	0.56	6.6	9	0.5	25	22	0.3	11	0.25	1.3	24	24
SA5091060	Few particles	0.05	4.68	14	13	0.5	560	506	1.3	5	0.69	0.4	57	46
SA5091061		0.2	2.25	0.25	5	0.5	260	276	0.8	128	0.68	1.1	42	43
SA5091062		0.05	4.53	6.1	9	0.5	470	495	1.1	8	0.96	0.5	52	54
SA5091063		0.1	2.84	4.2	7	0.5	180	235	0.9	7	0.56	1	41	38
SA5091064		0.05	3.11	5.7	9	0.5	230	276	0.9	9	0.7	0.9	41	39
SA5091065		0.05	4.23	5.2	7	0.5	420	444	1	5	1.08	0.6	54	44
SA5091066		1.2	3.64	14	18	3	670	780	1.8	19	0.27	3.5	84	97
SA5091067		0.4	2.07	3.5	6	0.5	140	183	0.8	21	0.29	1.4	51	54
SA5091068		0.2	5.18	25	26	3	800	759	1.5	15	0.81	0.8	80	71
SA5091069		0.2	2.65	4	7	0.5	280	300	0.9	15	0.76	1.4	58	55

Appendix 1 - Open File 023I/0101

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
SA5090001	5	7	5	24	0.25	17	1.4	0.25	0.5	0.71	0.5	0.12	14	18	3.2	24.7	0.025	0.25	147	1
SA5090002	1	5	29	21	0.25	21	1	0.25	0.5	0.67	0.5	0.09	11	14	2.2	27.5	0.025	0.19	119	0.5
SA5090003	5	6	22	27	0.25	18	1	0.25	0.7	0.88	0.5	0.13	15	19	4	28.8	0.07	0.27	141	0.5
SA5090004	8	10	31	39	0.25	51	3	1.6	1.4	1.59	0.5	0.17	32	39	3.7	32	0.18	0.35	224	2
SA5090005	6	9	35	37	0.25	18	1.4	0.8	0.9	1.27	0.5	0.22	17	22	6.1	27.4	0.025	0.4	191	0.5
SA5090006	12	14	17	38	0.6	25	1.9	1.3	1.5	1.93	0.5	0.19	21	25	4.9	29.7	0.09	0.35	360	2
SA5090007	3	4	5	13	0.25	9	0.2	0.25	0.5	0.57	0.5	0.06	8	9	1.5	28.1	0.025	0.14	63	0.5
SA5090008	4	6	14	24	0.25	21	1.4	1.8	0.5	0.74	0.5	0.1	18	23	2.9	29.8	0.08	0.2	98	0.5
SA5090009	20	21	56	61	0.25	25	3.5	1.8	8.4	9.11	1	0.31	33	33	5.2	32.8	0.26	0.48	1017	3
SA5090010	3	4	5	19	0.25	21	1.4	0.25	1.3	1.79	0.5	0.08	16	21	2.5	29	0.12	0.22	86	4
SA5090011	5	6	18	29	0.25	16	1.4	0.25	0.7	0.91	0.5	0.14	17	21	3.4	28.8	0.09	0.26	128	0.5
SA5090012	7	10	31	37	0.5	25	1.6	0.25	1.1	1.36	1	0.27	21	22	5	35.9	0.13	0.45	190	1
SA5090013	7	10	36	36	0.25	26	1.7	1.1	1	1.12	1	0.21	24	25	4.4	42.2	0.08	0.36	230	0.5
SA5090014	6	7	5	16	0.25	18	0.8	0.25	0.8	1.04	0.5	0.06	12	15	1.4	38.2	0.07	0.15	149	0.5
SA5090015	9	13	52	56	0.25	45	3.2	1.3	2	2.39	0.5	0.32	33	37	6.5	32.3	0.2	0.45	272	1
SA5090016	10	15	52	67	1	33	2.6	1.7	2.3	2.96	0.5	0.47	25	30	11.8	23.1	0.15	0.7	383	1
SA5090017	14	17	50	62	0.25	29	2.4	1.3	2.3	2.83	0.5	0.18	23	27	5.1	24.4	0.15	0.33	349	2
SA5090018	6	10	19	38	0.25	19	2	1.6	1	1.39	0.5	0.19	20	25	5.3	22.4	0.15	0.36	201	0.5
SA5090019	20	25	53	63	0.25	7	2.7	1.4	3.1	3.78	4	0.79	29	30	9.1	19.6	0.16	1.1	821	0.5
SA5090020	5	7	18	28	0.25	12	1.1	1.1	0.8	0.89	0.5	0.12	11	14	3	22.6	0.08	0.25	153	0.5
SA5090021	8	11	27	30	0.25	10	1.2	0.7	1.1	1.25	0.5	0.1	15	16	2.7	26.7	0.07	0.21	259	0.5
SA5090022	19	23	83	85	0.25	9	4	2.7	5.6	5.78	6	1.24	46	38	9.3	7.6	0.31	1.5	799	1
SA5090023	18	20	18	30	0.25	10	2.4	0.25	3.3	4.13	2	0.22	26	26	3.3	32.7	0.12	0.39	736	0.5
SA5090024	7	9	24	32	0.25	26	1.6	0.25	1.2	1.36	0.5	0.16	19	21	3.6	32.8	0.08	0.32	174	1
SA5090025	15	17	91	75	0.6	6	2.4	2.2	3.4	3.23	6	1.27	33	26	10.2	4.6	0.24	1.34	524	0.5
SA5090026	5	6	28	29	0.25	29	2.6	0.25	0.9	1.04	0.5	0.17	24	28	4.6	27.3	0.14	0.28	137	0.5
SA5090027	17	17	94	77	0.5	5	2.7	1.5	4.5	4.21	7	1.22	37	27	9.8	3.6	0.28	1.4	860	0.5
SA5090028	3	4	16	23	0.25	20	1.9	0.25	0.6	0.69	0.5	0.09	21	24	3	36.4	0.1	0.21	89	0.5
SA5090029	5	6	18	28	0.6	28	1.5	0.25	0.8	1.03	0.5	0.15	16	21	3.8	28.7	0.025	0.26	137	0.5
SA5090030	5	7	5	25	0.25	22	1	0.25	0.8	0.92	0.5	0.09	14	17	2.1	37.2	0.07	0.23	172	1
SA5090031	19	21	93	88	0.9	31	2.9	1.5	4.1	4.1	5	1.15	38	32	12.5	6.8	0.25	1.39	593	0.5
SA5090032	3	5	22	27	0.25	11	0.7	0.25	0.5	0.64	0.5	0.15	14	16	4.4	22.3	0.07	0.29	91	0.5
SA5090033	12	15	41	49	0.25	26	3.1	1.7	1.8	2.13	2	0.3	34	39	7.4	32.9	0.23	0.57	450	0.5
SA5090034	52	51	64	71	0.7	41	3.8	1.9	7	7.86	2	0.41	42	41	8.2	29.5	0.23	0.59	1232	1
SA5090035	16	18	45	48	0.25	22	2	0.8	2.1	2.64	2	0.32	27	28	6.4	26.7	0.12	0.56	518	0.5
SA5090036	17	19	52	52	0.25	10	2.6	1.7	3.1	4.11	3	0.45	31	30	7.7	27.8	0.2	0.81	727	1
SA5090037	4	4	5	20	0.25	20	1.7	0.25	0.4	0.6	0.5	0.07	20	23	2.1	30.1	0.09	0.16	51	0.5
SA5090038	6	8	26	36	0.7	19	1.6	0.25	1	1.16	0.5	0.21	16	20	5	32.6	0.09	0.35	167	1
SA5090039	11	14	53	57	0.7	61	4.3	1.9	3	3.47	0.5	0.26	42	50	7.2	30.2	0.25	0.47	423	2
SA5090040	7	11	38	39	0.25	28	2	1.2	1.3	1.65	0.5	0.21	20	23	5.4	31.5	0.1	0.39	229	0.5
SA5090041	6	8	15	29	0.25	23	1.2	0.25	1	1.32	0.5	0.14	12	15	3.5	32.5	0.07	0.29	222	1
SA5090042	3	5	15	20	0.25	8	0.8	0.25	0.4	0.64	0.5	0.08	8	10	2.4	20.8	0.025	0.19	139	0.5
SA5090043	3	3	5	16	0.25	10	0.8	0.25	0.4	0.53	0.5	0.08	10	13	1.9	25.4	0.06	0.22	55	1
SA5090044	16	20	56	63	0.25	14	2.9	0.25	5.3	6.62	2	0.56	30	30	10.2	19.1	0.18	1.02	607	20
SA5090045	22	25	37	56	0.8	37	3.3	1.2	4.8	6.2	0.5	0.28	31	36	6.3	25.5	0.18	0.47	971	4
SA5090046	7	10	35	54	0.9	23	1.3	0.25	1.5	1.86	0.5	0.45	14	17	10	20.7	0.08	0.61	285	0.5
SA5090047	9	11	65	60	0.8	57	1.5	0.25	1.5	1.9	1	0.55	16	19	12.2	24.5	0.1	0.62	215	0.5
SA5090048	6	8	37	45	0.6	31	1.3	0.25	1.1	1.49	0.5	0.36	14	19	8.3	21.6	0.12	0.52	225	1
SA5090049	8	10	31	44	0.5	23	1.8	0.25	1.4	1.74	1	0.31	16	20	6.4	24.5	0.025	0.46	300	0.5
SA5090050	4	7	17	26	0.25	19	1.2	0.25	0.9	1.07	0.5	0.16	18	14	3.8	24.7	0.08	0.3	203	0.5
SA5090051	4	5	16	31	0.25	28	1.1	0.25	0.9	1.1	0.5	0.21	12	15	5.5	28.6	0.07	0.34	200	0.5
SA5090052	2	4	14	15	0.25	13	0.6	0.9	0.3	0.44	0.5	0.09	9	11	2.4	23.4	0.025	0.2	50	0.5
SA5090053	5	8	28	34	0.25	34	1.3	0.25	0.9	1.02	0.5	0.2	15	18	5.3	34.2	0.09	0.35	190	0.5
SA5090054	5	7	25	33	0.25	28	1.2	0.25	1.7	2.09	0.5	0.17	13	16	4.2	34.5	0.1	0.26	198	2
SA5090055	18	21	62	66	0.7	19	2.6	1.1	3.8	4.47	3	0.57	25	23	10.4	21.3	0.18	0.98	1145	0.5
SA5090056	18	21	97	85	0.25	9	2.6	2	5	4.86	8	0.89	32	23	11.2	9.2	0.28	1.52	1103	0.5
SA5090057	6	8	30	35	0.25	20	1.3	0.7	1.3	1.67	0.5	0.24	14	17	5	27.4	0.025	0.46	539	0.5
SA5090058	3	4	12	18	0.25	9	0.7	0.6	0.5	0.62	0.5	0.08	7	9	2.3	19.7	0.025	0.18	111	0.5
SA5090059	3	6	32	36	0.25	46	1.3	0.9	0.9	1.15	0.5	0.27	13	15	6.3	22.9	0.05	0.36	141	0.5
SA5090060	4	6	20	27	0.25	31	1.7	0.25	0.8	1.01	0.5	0.15	11	21	3.9	29.4	0.07	0.27	119	0.5

Appendix 1 - Open File 023I/0101

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
SA5090061	14	16	100	89	1.6	65	3.1	1.5	3.6	3.62	3	0.85	36	31	14.7	38.9	0.27	0.88	367	2
SA5090062	14	15	77	68	1.1	42	2.2	0.9	3.8	3.76	2	0.62	27	23	11.8	44	0.21	0.8	450	2
SA5090063	12	14	57	67	0.9	37	2.3	1.3	2.9	3.17	2	0.69	24	22	11.9	26.5	0.17	0.78	438	0.5
SA5090064	12	14	69	67	0.25	35	2.2	1	3.1	3.34	3	0.69	23	20	10	20.7	0.19	0.98	516	1
SA5090065	11	13	30	44	0.25	32	1.7	0.25	2.5	2.81	2	0.37	18	18	7.5	35.5	0.17	0.56	474	0.5
SA5090066	6	7	22	35	0.5	33	2.1	0.25	1.5	1.8	0.5	0.28	22	24	6.2	33	0.14	0.38	249	0.5
SA5090067	8	12	37	47	0.25	32	2	0.25	2.2	2.53	1	0.45	20	23	8.3	31.2	0.15	0.55	405	0.5
SA5090068	10	12	70	67	1.3	35	2.1	0.25	3.3	3.15	2	0.76	25	23	13	27.8	0.21	0.83	369	0.5
SA5090069	14	13	89	67	0.9	14	1.9	1.1	4.2	3.32	5	1.22	28	19	11	4.1	0.27	1.14	463	0.5
SA5090070	20	20	110	89	0.9	26	2.5	1.7	4.6	4.41	5	1.08	32	22	13.9	19.6	0.3	1.47	627	1
SA5090071	16	16	91	74	0.6	13	1.9	1	3.8	3.54	5	1.15	27	19	10.3	5.6	0.24	1.33	553	0.5
SA5090072	22	21	120	86	0.8	12	2.8	1.5	6.4	5.3	8	1.2	32	20	12.3	5.4	0.29	1.47	1395	0.5
SA5090073	20	20	120	84	0.8	8	3.3	2.2	6.7	5.41	10	1.18	42	26	10.4	2.3	0.32	1.44	1478	1
SA5090074	6	8	38	41	0.6	27	1.6	1.1	1.6	1.79	0.5	0.27	20	20	7.4	33	0.08	0.43	197	1
SA5090075	11	13	68	63	0.9	54	2.4	1.6	3.1	3.31	2	0.48	26	25	9.8	34.6	0.13	0.64	458	0.5
SA5090076	13	16	46	43	0.25	27	1.5	0.25	2	2.28	1	0.38	18	20	6.1	35.6	0.12	0.6	332	1
SA5090077	24	24	130	111	1.6	40	3	1.4	5.8	5.4	6	1.55	37	28	19.4	3.9	0.25	1.8	626	2
SA5090078	19	19	100	82	1.1	28	1.9	1.5	4.6	4.05	5	1.15	30	21	13.8	13.1	0.29	1.3	535	0.5
SA5090079	15	16	67	65	1	49	2.4	1	3.9	4.12	1	0.54	26	25	10.7	37.8	0.18	0.79	484	2
SA5090080	7	8	23	34	0.25	37	2.3	0.25	3	3.51	0.5	0.28	23	25	6.6	31.9	0.15	0.43	291	0.5
SA5090081	11	13	46	51	0.7	48	1.7	0.25	1.7	1.91	0.5	0.42	18	20	10.8	28.7	0.08	0.59	221	0.5
SA5090082	4	6	20	30	0.25	24	0.8	0.25	0.8	1.18	0.5	0.2	13	16	4.3	31.8	0.05	0.35	192	0.5
SA5090083	3	5	5	25	0.25	24	0.6	0.25	0.4	0.53	0.5	0.12	7	8	3	27.6	0.05	0.2	46	1
SA5090084	9	10	21	27	0.25	25	1	0.25	1.1	1.37	0.5	0.09	13	15	2.8	51.5	0.09	0.24	260	0.5
SA5090085	13	15	67	62	0.25	25	2.5	0.25	3.4	3.9	2	0.53	29	29	8.2	20.7	0.21	0.82	597	1
SA5090086	6	8	18	25	0.25	30	1.2	1.3	1.1	1.42	0.5	0.09	14	18	2.8	32.5	0.05	0.2	111	0.5
SA5090087	30	30	90	75	0.25	7	2.7	0.25	6.8	6.74	7	0.8	32	26	8.1	9.5	0.17	1.25	1123	2
SA5090088	5	8	23	26	0.25	24	1.6	0.9	1.3	1.48	0.5	0.09	19	23	2.3	34	0.05	0.19	185	0.5
SA5090089	5	11	35	48	0.25	27	3	1.4	2.2	2.58	0.5	0.3	39	43	5.2	33.6	0.12	0.46	285	0.5
SA5090090	7	9	35	39	0.25	8	1.2	0.25	1.2	1.54	2	0.4	16	18	6.1	23.7	0.12	0.62	241	0.5
SA5090091	24	26	88	88	0.6	32	3.2	1.7	3.9	4.34	4	1.16	42	38	13.2	11.3	0.21	1.39	567	1
SA5090092	13	15	42	56	0.25	32	3.2	0.25	3.3	4.14	2	0.33	34	38	5.9	27.3	0.2	0.5	727	2
SA5090093	15	18	58	57	0.6	21	3.3	2.1	3.3	3.46	4	0.76	49	41	8.7	25.7	0.25	1.01	489	0.5
SA5090094	18	23	110	101	1.2	57	3.7	1.8	4.1	4.59	4	1.25	64	60	20.9	17.5	0.28	1.5	513	2
SA5090095	8	12	37	42	0.25	14	2.1	0.25	1.5	1.95	0.5	0.37	28	33	6.1	29.4	0.1	0.55	285	1
SA5090096	7	9	21	26	0.25	15	1.2	0.8	2.3	2.72	0.5	0.09	13	16	1.5	60.9	0.12	0.23	282	3
SA5090097	22	25	110	101	1.3	30	3.5	2	5.1	5.18	5	1.43	50	43	16.5	9.7	0.34	1.59	619	0.5
SA5090098	10	13	23	32	0.25	22	1.2	0.25	1.9	2.4	0.5	0.11	19	23	2.8	36.8	0.07	0.22	216	0.5
SA5090099	8	10	38	47	0.25	27	1.3	0.25	1.7	1.96	1	0.39	18	20	6.9	30.5	0.1	0.62	268	0.5
SA5090100	23	26	100	92	0.9	26	3.5	2	5.1	5	8	1.19	47	37	12.2	9.9	0.3	1.63	754	1
SA5090101	36	38	73	76	0.25	51	5.8	1.9	6.3	7.38	2	0.62	64	68	10.6	22.6	0.4	0.82	1473	4
SA5090102	1	4	15	18	0.25	10	0.5	0.25	0.8	0.91	0.5	0.09	12	14	1.8	36.7	0.05	0.2	107	1
SA5090103	7	9	43	35	0.25	18	2.3	1.5	1.6	1.62	0.5	0.19	41	42	4	42.5	0.12	0.34	199	2
SA5090104	4	5	27	29	0.25	15	5	2.8	0.8	0.92	0.5	0.18	138	155	4.1	35.5	0.23	0.29	93	1
SA5090105	4	6	29	29	0.25	15	0.9	0.25	1	1.13	0.5	0.14	24	28	3.3	43.8	0.06	0.27	111	2
SA5090106	9	11	25	31	0.25	22	1.7	1.2	3.3	3.33	0.5	0.13	36	36	3.2	42.2	0.14	0.25	208	4
SA5090107	12	12	36	36	0.25	31	3	2.3	2.5	2.2	0.5	0.22	52	51	5.3	48.5	0.2	0.4	240	3
SA5090108	23	26	39	52	0.8	31	2.2	1.1	5.8	6.12	0.5	0.32	33	32	6.4	39.5	0.19	0.45	379	2
SA5090109	18	19	84	70	0.25	11	2.9	1.9	4.2	4.07	7	1.21	43	35	9	8	0.3	1.26	631	0.5
SA5090110	9	10	36	38	0.25	23	2.4	0.25	2.1	2.67	0.5	0.19	24	27	3.5	27.8	0.14	0.34	273	1
SA5090111	21	24	110	88	0.25	12	3.5	2	5.8	5.49	8	1.03	41	32	8.7	7.7	0.32	1.52	770	0.5
SA5090112	8	7	22	29	0.25	18	1.1	0.25	0.9	1.14	0.5	0.17	13	16	3.7	27.2	0.06	0.28	140	0.5
SA5090113	31	30	140	95	0.8	24	3	1.6	6.7	5.58	8	1.49	54	38	15.8	5.3	0.32	1.66	694	0.5
SA5090114	16	20	62	69	0.25	27	4	1.7	3.8	4.58	4	0.79	44	49	9.7	17.2	0.2	1.03	681	0.5
SA5090115	11	13	46	55	0.25	31	2.9	0.25	2.5	3.08	1	0.41	32	38	7.1	25.9	0.16	0.59	456	2
SA5090116	14	18	76	71	0.25	27	3.3	1.5	2.9	3.24	3	0.86	37	39	11.5	21.1	0.24	1.07	437	2
SA5090117	7	10	31	30	0.25	23	2.9	1	1.8	2.06	0.5	0.1	30	34	3.1	37.7	0.22	0.26	254	3
SA5090118	7	9	19	30	0.25	18	1	0.25	1.3	1.68	0.5	0.19	14	18	3.9	28.7	0.07	0.3	167	0.5
SA5090119	5	6	26	27	0.25	22	1.5	0.25	0.5	0.54	0.5	0.16	25	25	2.1	69.3	0.09	0.2	83	1
SA5090120	11	14	39	49	0.25	35	5.4	1.8	2.7	3.48	0.5	0.21	44	51	4.8	31.2	0.44	0.41	246	2

Appendix 1 - Open File 023I/0101

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
SA5090121	1	4	12	24	0.25	10	1.9	0.25	0.7	0.75	0.5	0.1	21	25	3.1	27.5	0.09	0.21	74	0.5
SA5090122	9	12	32	37	0.25	20	2.9	1	1.5	1.78	0.5	0.23	35	40	3.9	34.7	0.15	0.37	244	0.5
SA5090123	6	7	22	31	0.25	36	4.9	2.4	0.8	0.92	0.5	0.08	52	60	2.3	32.9	0.31	0.21	180	2
SA5090124	3	5	11	23	0.25	10	0.5	0.25	0.6	0.74	0.5	0.11	10	13	2.8	31.7	0.025	0.22	93	2
SA5090125	4	7	21	27	0.25	10	1.1	0.25	0.7	0.97	0.5	0.22	14	16	4.1	24.3	0.025	0.36	139	0.5
SA5090126	5	5	5	11	0.25	10	1.1	0.6	0.5	0.61	0.5	0.03	10	13	0.8	32.1	0.09	0.09	52	0.5
SA5090127	24	27	120	105	1	33	3.4	1.2	5.1	5.31	6	1.58	49	40	18.2	7.4	0.27	1.8	686	0.5
SA5090128	24	27	78	88	0.7	29	3.5	1.7	4.7	5.21	5	1.18	42	39	14	11	0.29	1.45	579	2
SA5090129	35	36	96	90	0.7	21	3.5	1.3	5.3	5.86	5	1.18	46	41	13.4	10.7	0.29	1.42	938	2
SA5090130	8	9	18	28	0.25	14	1	0.25	1	1.25	0.5	0.17	11	14	2.6	39.6	0.09	0.34	160	2
SA5090131	10	13	31	38	0.25	25	3.2	1.5	1.4	1.78	0.5	0.22	38	43	4.3	36.1	0.17	0.43	182	0.5
SA5090132	5	7	5	21	0.25	21	1.5	1.1	0.7	0.85	0.5	0.08	17	22	1.8	31.4	0.06	0.2	140	0.5
SA5090133	3	5	25	24	0.25	14	1.1	0.8	0.7	0.78	0.5	0.13	13	17	3.1	25.7	0.09	0.27	100	0.5
SA5090134	5	7	17	33	0.25	14	1.6	0.25	0.9	1.05	0.5	0.26	17	22	6.5	20.1	0.1	0.43	116	0.5
SA5090135	8	11	40	42	0.25	19	1.5	1.2	1.5	1.81	0.5	0.3	20	23	6.5	23.2	0.13	0.48	202	0.5
SA5090136	23	24	130	100	1	27	3	2.3	5.2	4.83	7	1.44	45	35	14.7	3.9	0.3	1.71	667	2
SA5090137	6	10	35	37	0.5	20	1.2	0.25	0.9	1.23	0.5	0.23	15	18	6.1	24	0.08	0.41	151	0.5
SA5090138	6	7	15	22	0.25	23	1	0.25	0.7	0.95	0.5	0.13	13	16	2.9	24.1	0.06	0.25	111	0.5
SA5090139	8	11	31	43	0.25	19	2.3	0.25	2.9	3.88	0.5	0.23	24	28	4.7	25.1	0.13	0.41	356	3
SA5090140	4	7	23	35	0.25	30	1.2	0.25	1	1.38	0.5	0.18	13	17	4.1	27.8	0.07	0.34	220	2
SA5090141	9	10	40	37	0.25	33	1.4	0.25	1.2	1.48	0.5	0.27	18	21	6.7	29.2	0.07	0.44	167	0.5
SA5090142	10	10	13	22	0.25	18	2.7	1	0.5	0.6	0.5	0.06	31	36	2	46.9	0.15	0.19	73	1
SA5090143	7	10	25	39	0.25	28	4	2.1	1.2	1.55	2	0.45	41	53	6.9	23.6	0.21	0.58	275	2
SA5090144	7	10	33	33	0.25	22	4.1	2.1	1.3	1.32	1	0.2	51	58	4.2	30.7	0.24	0.35	173	3
SA5090145	1	3	5	15	0.25	11	0.8	0.25	0.4	0.45	0.5	0.12	17	17	2.1	29.9	0.025	0.22	81	0.5
SA5090146	21	32	93	79	0.25	0.5	3.3	2.5	6.7	6.56	16	1.41	41	32	7.6	3.5	0.3	1.58	1581	2
SA5090147	9	11	39	39	0.25	15	2	1.4	2.5	2.99	0.5	0.24	23	27	4	26.2	0.16	0.35	307	2
SA5090148	17	23	88	68	0.25	0.5	3.6	2.2	4.2	3.91	14	1.17	46	39	7.2	7.2	0.33	1.4	753	0.5
SA5090149	5	7	19	29	0.25	13	1.3	0.25	0.7	0.81	0.5	0.12	17	19	2.6	33.4	0.08	0.2	136	2
SA5090150	21	22	110	79	0.9	17	3.3	2.2	5	4.47	9	1.63	55	40	12.9	2.8	0.33	1.62	634	0.5
SA5090151	24	24	140	106	1.2	30	3.2	1.7	5.8	5.14	6	1.75	56	43	17.4	3	0.35	1.82	611	1
SA5090152	6	8	31	29	0.25	10	1.1	1.5	1.2	1.48	1	0.27	17	20	4.3	30.6	0.09	0.41	294	0.5
SA5090153	8	10	34	34	0.25	11	1.3	0.25	2.2	2.21	0.5	0.28	20	22	4.1	38.6	0.12	0.44	273	0.5
SA5090154	19	21	78	65	0.25	2	2.4	2	3.7	3.43	8	1.28	35	28	7.6	5.3	0.22	1.27	642	0.5
SA5090155	8	10	34	46	0.25	14	2.6	0.9	5.9	7.29	0.5	0.07	33	37	1.5	39.3	0.13	0.18	242	2
SA5090156	17	20	91	77	0.25	5	2.6	1.9	4	4.09	11	1.46	43	37	8.6	2.5	0.29	1.54	649	0.5
SA5090157	7	8	31	29	0.25	21	1.6	0.8	1	1.25	0.5	0.18	22	25	3.5	37.1	0.1	0.35	157	2
SA5090158	11	15	59	56	0.25	4	2.5	1.1	3.4	3.44	6	1.1	34	33	8.9	13.9	0.19	1.2	530	0.5
SA5090159	1	3	5	15	0.25	12	1.4	0.25	0.6	0.68	0.5	0.1	17	22	1.8	33.4	0.06	0.17	79	0.5
SA5090160	7	10	29	38	0.25	12	1.7	0.6	1.5	1.88	2	0.39	23	26	5.2	30.6	0.14	0.58	293	2
SA5090161	13	18	65	55	0.25	3	2.1	2.1	2.9	3.06	7	0.98	32	31	7.6	12.8	0.21	1.16	573	0.5
SA5090162	2	5	17	26	0.25	13	0.9	0.8	0.8	1.07	1	0.28	12	13	3	71.3	0.09	0.33	143	0.5
SA5090163	15	15	73	55	0.25	0.5	2.6	1.9	3.7	3.22	9	1.21	35	26	7.2	5.7	0.21	1.24	601	0.5
SA5090164	4	5	21	28	0.25	13	1.1	0.25	0.8	0.94	0.5	0.15	15	17	3.3	32.1	0.06	0.28	189	0.5
SA5090165	4	5	16	20	0.25	14	1.1	0.25	0.5	0.54	0.5	0.08	19	21	1.9	36.5	0.08	0.19	137	1
SA5090166	2	3	15	24	0.25	13	1.1	0.8	0.4	0.45	0.5	0.07	12	13	2	27.1	0.05	0.16	56	1
SA5090167	4	4	14	20	0.25	10	0.9	0.25	0.4	0.52	0.5	0.09	12	13	2.1	35	0.025	0.22	123	0.5
SA5090168	4	5	20	23	0.25	12	1.1	0.25	0.6	0.72	0.5	0.11	18	20	2.1	33.9	0.08	0.24	127	0.5
SA5090169	14	16	59	69	0.8	42	3.5	1.4	6	6.17	3	0.68	49	44	11.2	32.9	0.28	0.97	356	6
SA5090170	6	7	32	43	0.6	13	0.9	1.5	1	1.33	0.5	0.31	14	17	6.5	24.2	0.07	0.45	173	0.5
SA5090171	5	7	24	37	0.25	16	0.5	0.25	0.9	1.22	0.5	0.26	13	15	6.4	20.9	0.08	0.4	136	0.5
SA5090172	7	10	33	38	0.25	22	2.5	0.8	1.3	1.64	1	0.31	17	21	5	25.5	0.1	0.46	248	2
SA5090173	24	28	51	46	0.25	9	3.2	1.2	2.8	3.22	5	0.69	28	26	5.9	19.8	0.16	0.92	1030	0.5
SA5090174	13	15	36	41	0.25	17	2.9	0.25	1.7	2.16	1	0.32	20	23	5.5	26.2	0.1	0.39	566	0.5
SA5090175	4	5	12	23	0.25	12	2.3	0.25	0.6	0.78	0.5	0.13	12	15	1.5	21.3	0.025	0.09	101	0.5
SA5090176	6	7	23	23	0.25	16	2.4	0.6	1.3	1.59	0.5	0.07	18	20	1.4	36.5	0.09	0.12	92	2
SA5090177	19	26	86	62	0.25	0.5	4	1.6	4.7	4.85	13	1.13	42	31	7.7	8.1	0.24	1.42	909	0.5
SA5090178	15	19	47	54	0.5	27	5.4	1.8	4.1	5.25	1	0.34	45	50	5.2	27	0.29	0.4	477	0.5
SA5090179	22	24	84	61	0.25	5	4.5	2	4.3	4.26	9	1.3	45	35	7.4	7.1	0.29	1.34	703	0.5
SA5090180	8	12	40	45	0.6	14	3.1	1	2.6	3.17	2	0.45	26	29	5.5	24.2	0.11	0.54	422	1

Appendix 1 - Open File 023I/0101

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
SA5090181	9	14	50	47	0.25	21	3.3	1	4	4.56	0.5	0.3	30	31	4.7	27.5	0.11	0.37	420	1
SA5090182	3	3	13	13	0.25	11	1.6	0.6	0.4	0.42	0.5	0.08	8	9	0.7	26.3	0.025	0.04	171	0.5
SA5090183	15	16	50	45	0.25	8	3.6	1.4	2.9	3.34	4	0.76	28	27	8.5	15.1	0.17	0.84	361	1
SA5090184	6	7	29	32	0.25	20	3.3	1.2	2.7	3.11	0.5	0.11	27	30	0.9	36.3	0.12	0.09	193	0.5
SA5090185	6	7	23	29	0.25	14	2.7	0.7	1	1.28	0.5	0.18	20	21	2.4	26.4	0.06	0.21	164	0.5
SA5090186	4	5	18	22	0.25	13	2.4	0.25	0.7	0.9	0.5	0.11	15	16	0.9	24.2	0.025	0.11	98	0.5
SA5090187	14	15	38	33	0.25	13	2.7	0.25	1.5	1.87	0.5	0.18	18	19	3	27.4	0.05	0.25	348	0.5
SA5090188	9	12	32	38	0.25	12	2.7	0.25	1.9	2.21	2	0.34	20	20	3.4	23.8	0.11	0.4	593	1
SA5090189	20	21	62	53	0.25	6	3.9	1.8	6.4	6.39	6	1.03	40	33	6	16.4	0.18	0.99	869	2
SA5090190	16	17	66	52	0.25	0.5	3.5	2.7	3.7	3.51	9	1.4	34	28	5.7	4.2	0.22	1.22	628	0.5
SA5090191	16	20	56	50	0.25	5	3.8	1.9	5.6	6.2	5	0.76	33	31	5.3	23.8	0.18	0.94	905	2
SA5090192	7	9	20	22	0.25	21	4.1	1.4	0.6	0.62	0.5	0.08	37	42	0.3	45.8	0.15	0.15	113	2
SA5090193	23	26	70	60	0.25	0.5	3.1	2.5	4.4	4.53	10	1.33	45	35	8.8	9.1	0.25	1.41	916	0.5
SA5090194	8	10	30	28	0.25	13	2.3	1	3.6	4.19	0.5	0.15	20	20	1.4	40.3	0.08	0.13	280	2
SA5090195	13	14	26	27	0.25	12	2.5	0.25	3.9	4.72	0.5	0.16	21	22	1.7	37.6	0.08	0.15	711	1
SA5090196	8	10	45	37	0.25	9	3.2	1.1	2.9	3.21	2	0.4	34	31	3.7	32.1	0.12	0.44	318	2
SA5090197	9	9	34	32	0.25	12	2.3	1.3	3.7	3.53	3	0.36	24	18	3	58.5	0.13	0.38	307	1
SA5090198	7	9	26	29	0.25	10	2.3	0.25	2.5	2.85	0.5	0.21	18	18	2.2	38.1	0.07	0.22	464	0.5
SA5090199	15	17	54	45	0.6	10	1.8	1.7	4.8	4.72	3	0.53	31	25	8	50.3	0.15	0.86	468	0.5
SA5090200	8	10	30	30	0.25	9	1.3	0.25	1.8	2.29	1	0.26	18	20	4	37.3	0.07	0.42	340	1
SA5090201	6	8	29	28	0.25	9	1.2	0.25	1.3	1.45	0.5	0.21	17	19	3.7	37.9	0.07	0.35	246	0.5
SA5090202	16	16	75	59	0.7	17	1.9	2.2	5.2	4.65	5	0.75	42	29	8.3	42.6	0.23	0.92	474	1
SA5090203	6	7	23	20	0.25	7	0.6	0.25	3.2	3.33	0.5	0.14	10	9	2	77.3	0.08	0.25	334	0.5
SA5090204	3	5	25	27	0.25	10	1.1	0.9	1.7	1.86	0.5	0.16	17	18	2.9	39.9	0.06	0.24	100	3
SA5090205	9	11	24	30	0.25	9	1.8	0.25	1.6	1.96	0.5	0.18	22	26	4.8	25.4	0.08	0.32	301	3
SA5090206	5	6	5	18	0.25	13	1.2	0.7	0.7	0.82	0.5	0.07	16	19	1.4	35.9	0.025	0.14	137	0.5
SA5090207	6	8	26	31	0.25	14	2.2	0.25	1	1.25	1	0.27	26	29	5.3	25.5	0.13	0.4	170	5
SA5090208	12	14	66	57	0.5	18	2	1.5	4.7	4.52	3	0.63	35	29	8	49.6	0.21	0.79	411	0.5
SA5090209	5	7	25	26	0.25	21	1.6	0.25	0.7	0.86	0.5	0.12	18	24	2.2	34.9	0.09	0.27	202	0.5
SA5090210	7	9	15	23	0.25	7	0.7	0.7	1.1	1.45	0.5	0.17	13	15	2.8	29.1	0.06	0.31	230	0.5
SA5090211	3	4	14	15	0.25	11	1	0.25	0.5	0.56	0.5	0.1	14	16	2.3	24.6	0.025	0.18	95	2
SA5090212	9	13	31	38	0.25	8	1.2	0.25	1.7	1.98	3	0.54	20	20	7	21.7	0.09	0.69	395	0.5
SA5090213	21	25	69	61	0.25	5	2.9	2	4.8	4.88	9	1.25	45	35	9.6	12.8	0.25	1.45	841	0.5
SA5090214	9	14	32	34	0.25	9	1.2	1	2.2	3.07	2	0.34	22	24	4.3	28.5	0.09	0.57	468	1
SA5090215	7	9	25	35	0.25	12	2	1.1	1.9	2.44	1	0.31	28	31	4.7	27	0.1	0.46	248	1
SA5090216	27	28	61	65	0.8	48	5.3	3.2	4.8	5.67	1	0.29	66	67	7.5	32	0.25	0.53	675	2
SA5090217	21	22	110	96	1	28	3.1	2.4	4.5	4.16	7	1.51	49	38	15.7	8.1	0.23	1.62	560	0.5
SA5090218	4	7	26	34	0.25	11	1.5	1.1	1.1	1.47	2	0.34	19	23	4.6	22.7	0.08	0.51	205	0.5
SA5090219	2	3	14	11	0.25	8	0.9	0.25	0.6	0.53	0.5	0.05	15	18	1.1	27.3	0.025	0.1	54	0.5
SA5090220	32	31	120	101	1.3	32	3.5	2.3	6.2	5.77	7	1.57	61	47	16.5	6.9	0.3	1.65	714	3
SA5090221	10	13	51	55	0.5	11	2.6	1.3	2.2	2.57	3	0.69	38	37	9.4	19.6	0.16	0.84	341	0.5
SA5090222	4	6	11	23	0.25	7	1	1.2	0.8	1.01	0.5	0.21	17	20	3.5	26.3	0.05	0.32	119	0.5
SA5090223	1	2	5	11	0.25	9	0.9	0.25	0.3	0.32	0.5	0.08	13	15	1.3	41	0.07	0.14	56	0.5
SA5090224	6	9	39	38	0.25	17	2.1	1.4	1.8	2.24	1	0.28	36	39	4.6	31.8	0.09	0.46	253	3
SA5090225	21	25	100	92	0.25	16	4.8	2.9	4.5	4.57	10	1.26	61	52	10.3	10.2	0.34	1.56	716	0.5
SA5090226	32	35	88	82	0.25	40	4.5	1.5	5.4	6.15	2	0.74	56	57	12.3	20.4	0.3	1.03	786	3
SA5090227	11	15	29	51	0.25	15	2.3	1.1	3.4	4.18	2	0.46	30	32	5.9	21.1	0.12	0.64	617	3
SA5090228	13	18	55	56	0.25	8	2.7	0.8	2.7	3.64	5	0.67	33	34	6.6	18.2	0.17	1	809	0.5
SA5090229	1	3	5	15	0.25	7	0.9	0.25	0.4	0.45	0.5	0.09	15	18	2.4	25.2	0.1	0.17	65	0.5
SA5090230	5	7	27	27	0.25	12	2.3	0.6	0.9	1.06	0.5	0.13	28	33	3	33.4	0.15	0.26	148	0.5
SA5090231	4	5	5	16	0.25	18	1.2	0.25	0.6	0.9	0.5	0.07	20	24	1.7	38.6	0.05	0.23	174	0.5
SA5090232	36	36	49	54	0.7	22	2.7	0.25	3.9	4.91	3	0.45	41	40	6.5	26.3	0.21	0.63	1141	2
SA5090233	10	11	47	50	0.25	24	2.3	1.1	2.5	3.05	1	0.34	34	35	6	27.3	0.12	0.51	427	0.5
SA5090234	16	16	54	58	0.25	30	3.6	1.1	3	3.54	2	0.5	48	48	8	25.4	0.26	0.72	475	1
SA5090235	2	4	5	17	0.25	10	1	0.25	0.4	0.5	0.5	0.08	15	16	2.3	31.3	0.05	0.17	52	0.5
SA5090236	13	13	53	40	0.25	9	2.1	1.3	3.5	3.57	4	0.84	41	36	5.8	25.2	0.19	0.75	384	2
SA5090237	10	11	57	36	0.25	16	3.3	0.25	4.4	4.58	2	0.26	72	70	4.6	49.3	0.28	0.39	400	4
SA5090238	9	14	54	41	0.25	13	3.7	1.5	3	3.27	2	0.53	72	76	10.3	29.1	0.12	0.58	343	10
SA5090239	30	28	50	40	0.25	21	3.8	0.25	5.3	6.18	0.5	0.28	93	99	9.1	29.3	0.16	0.38	1840	24
SA5090240	5	7	38	23	0.25	28	2.9	0.25	0.8	1.03	2	0.24	67	75	4.1	62.2	0.08	0.39	116	9

Appendix 1 - Open File 023I/0101

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
SA5090241	14	16	100	63	0.25	4	3.4	2.1	3.4	3.25	15	1.63	64	45	12.7	3.9	0.34	1.23	556	2
SA5090242	14	15	58	46	0.25	18	3.2	1.6	3.6	4.14	4	0.9	54	55	7.3	22.2	0.19	0.74	300	17
SA5090243	16	17	40	22	0.25	14	5	1.7	1.7	2.27	0.5	0.11	107	124	4.3	28.3	0.15	0.23	224	2
SA5090244	7	8	18	15	0.25	8	0.6	0.25	1.1	1.31	0.5	0.08	19	22	1.9	41.2	0.1	0.16	98	0.5
SA5090245	5	6	22	21	0.25	9	1.7	2	1.3	1.45	1	0.16	36	41	3.1	33.6	0.08	0.29	100	4
SA5090246	19	17	56	44	0.25	15	3.7	2.6	5.8	5.82	4	0.61	75	73	6.2	35	0.29	0.63	530	6
SA5090247	1	4	13	20	0.25	8	0.5	0.25	0.6	0.77	2	0.32	11	13	2.1	53.2	0.06	0.28	132	1
SA5090248	13	13	36	36	0.25	10	1.9	0.25	5.2	6.19	2	0.34	39	41	4.1	27.8	0.12	0.39	430	6
SA5090249	5	5	25	22	0.25	11	2.1	0.25	1.1	1.34	0.5	0.14	45	50	3.1	31.8	0.15	0.23	110	2
SA5090250	13	14	48	41	0.25	9	1.6	0.25	3.6	3.68	4	0.83	33	27	5.9	23.7	0.15	0.75	446	2
SA5090251	14	15	28	30	0.25	19	1.3	1	4.9	5.18	0.5	0.14	33	31	3.1	52.8	0.16	0.31	348	2
SA5090252	6	7	27	28	0.25	8	1.5	0.25	0.6	0.91	0.5	0.19	34	38	3.8	30.3	0.11	0.27	85	3
SA5090253	14	13	48	34	0.25	16	1.9	0.8	4.4	4.79	1	0.26	31	29	3.4	44.9	0.14	0.38	318	0.5
SA5090254	8	8	50	31	0.25	14	2.2	0.25	2.1	2.27	0.5	0.19	45	46	4.1	46.7	0.14	0.32	274	3
SA5090255	1	2	5	11	0.25	6	0.05	0.25	0.3	0.26	0.5	0.07	5	6	1.2	23.3	0.025	0.12	37	0.5
SA5090256	4	6	28	25	0.25	15	1.7	0.25	0.6	0.77	0.5	0.11	26	31	3.3	32.6	0.025	0.25	82	2
SA5090257	4	5	22	16	0.25	7	0.7	0.25	0.3	0.48	0.5	0.04	14	18	1.1	36.1	0.06	0.1	36	0.5
SA5090258	11	12	25	35	0.25	24	2.8	0.25	1.6	1.89	0.5	0.11	47	57	3.1	39.2	0.18	0.27	311	2
SA5090259	26	28	26	35	0.25	18	2.2	1.1	2.8	3.54	0.5	0.07	35	41	2.7	37.9	0.16	0.2	357	0.5
SA5090260	10	13	43	53	0.25	14	2.3	1.2	2.1	2.57	2	0.45	32	33	7.6	26.5	0.13	0.69	366	1
SA5090261	7	8	5	28	0.25	18	2.8	0.25	0.7	0.86	0.5	0.07	38	42	1.9	36.8	0.12	0.17	108	0.5
SA5090262	5	8	25	35	0.25	6	1.3	0.7	1.1	1.53	2	0.47	20	22	5.7	26.2	0.14	0.58	232	0.5
SA5090263	13	16	100	61	0.25	7	2.9	1.7	4.2	4.23	6	1.18	45	39	7.9	10.6	0.24	1.18	498	2
SA5090264	6	6	5	20	0.25	9	1.3	0.7	0.7	0.83	0.5	0.08	20	24	2.6	29	0.06	0.26	231	1
SA5090265	28	29	120	110	1.8	40	2.9	1.5	5.4	5.73	5	1.76	50	38	21.3	5.2	0.29	1.86	617	3
SA5090266	9	10	23	35	0.25	21	2.9	0.8	2.3	2.84	0.5	0.14	31	37	3.1	31.3	0.17	0.28	243	0.5
SA5090267	26	29	71	63	0.25	31	3.5	1.5	4.4	5.59	2	0.49	39	44	8.9	22.6	0.21	0.72	727	0.5
SA5090268	10	12	25	30	0.25	14	2.1	0.7	1.7	2.32	0.5	0.13	25	29	3	29.1	0.12	0.29	226	0.5
SA5090269	17	17	78	69	0.25	25	2.1	1	3.6	3.76	4	0.81	28	24	9.6	17.6	0.2	1.16	571	0.5
SA5090270	17	19	96	80	0.6	32	2.1	1	4.9	5.09	3	0.74	26	24	12.4	22.8	0.22	1.22	644	0.5
SA5090271	18	17	73	59	0.6	46	1.8	0.9	3.4	3.56	2	0.42	26	24	9.3	48.5	0.17	0.77	394	0.5
SA5090272	18	19	120	87	0.8	24	2.5	0.8	4.8	4.36	7	0.96	32	22	11.9	15	0.33	1.39	652	0.5
SA5090273	1	2	12	10	0.25	30	0.3	0.25	0.7	0.83	0.5	0.05	4	5	0.7	94.1	0.025	0.1	51	0.5
SA5090274	4	5	31	28	0.25	24	1	0.25	0.9	1.17	0.5	0.27	9	10	6.3	21.7	0.07	0.34	139	0.5
SA5090275	3	6	24	21	0.25	99	1.9	0.25	1.1	1.43	0.5	0.14	16	22	2.9	27.9	0.09	0.25	154	1
SA5090276	10	10	40	32	0.6	16	0.7	0.25	1.9	2.08	1	0.4	10	10	5.8	65.7	0.1	0.59	242	2
SA5090277	20	18	95	79	1.2	26	1.7	0.7	4	3.61	4	1.31	26	19	15.9	14.9	0.28	1.16	458	0.5
SA5090278	10	11	37	38	0.8	34	1.5	0.25	1.6	2.06	0.5	0.34	15	17	9.3	33.4	0.12	0.42	226	0.5
SA5090279	18	17	75	64	1.4	26	2.4	0.9	4.1	4.14	4	1.16	33	26	13.6	12	0.25	0.97	425	0.5
SA5090280	11	11	37	38	0.5	31	1.6	0.25	3.4	4.1	0.5	0.34	22	23	7.7	39.8	0.14	0.44	347	0.5
SA5090281	17	18	69	65	0.8	24	2.1	0.6	3.7	4.17	3	0.78	22	21	12.7	28.4	0.22	1	553	0.5
SA5090282	5	5	17	19	0.25	24	0.9	0.25	0.9	1.11	0.5	0.12	9	11	3	30.1	0.07	0.24	106	0.5
SA5090283	10	11	37	44	0.25	41	1.5	0.25	2.9	3.31	0.5	0.33	17	18	8.7	30.1	0.16	0.58	325	0.5
SA5090284	6	8	29	28	0.25	32	3.2	1.1	1.2	1.64	0.5	0.16	32	40	3.9	31.1	0.19	0.27	136	1
SA5090285	18	19	72	67	0.7	20	2.3	0.8	3.6	3.97	3	0.81	22	23	11.1	20	0.22	1	614	0.5
SA5090286	14	16	79	68	0.6	15	2.2	0.8	3.5	3.65	4	0.89	25	22	10.9	16.2	0.23	1.09	555	0.5
SA5090287	9	11	39	44	0.6	29	1.7	0.5	2.2	2.73	1	0.37	19	20	8.6	36.5	0.15	0.56	355	0.5
SA5090288	16	15	86	67	1.2	17	1.4	1	4.8	4.2	4	1.24	27	21	13.2	9.1	0.26	1.07	545	0.5
SA5090289	21	23	53	53	0.8	26	1.6	0.6	3.4	4.05	3	0.63	23	22	10.4	26.4	0.18	0.76	524	0.5
SA5090290	12	14	33	35	0.25	29	1.8	0.8	1.8	2.37	0.5	0.34	18	21	9.4	26.4	0.17	0.35	461	0.5
SA5090291	11	12	100	80	2	19	1.3	0.8	4	3.71	5	1.48	28	20	14.4	9	0.28	1.02	374	0.5
SA5090292	10	12	21	24	0.25	32	1.4	0.25	2.6	3.12	0.5	0.14	23	26	4.3	32.7	0.14	0.27	696	0.5
SA5090293	10	11	56	52	0.8	45	3	1.1	2.2	2.29	1	0.46	44	44	10.4	33.7	0.24	0.63	313	0.5
SA5090294	11	13	59	56	0.6	53	3.2	1.4	2.3	2.61	2	0.47	44	47	11	38.8	0.23	0.65	323	0.5
SA5090295	19	19	52	58	0.6	39	2.3	0.25	3.9	4.43	2	0.51	26	28	9.4	31.4	0.2	0.74	467	0.5
SA5090296	19	20	92	79	1.1	28	2.4	0.8	4.3	4.35	4	0.96	30	26	14.5	20.1	0.25	1.13	593	0.5
SA5090297	14	15	35	46	0.25	43	2.5	0.8	3	3.57	0.5	0.3	27	28	7.8	40.7	0.19	0.46	349	0.5
SA5090298	16	18	73	66	0.9	27	2	0.8	3.9	4.6	2	0.7	22	22	12.3	27	0.22	0.88	656	0.5
SA5090299	20	22	75	65	0.8	26	1.9	0.6	3.7	4.12	3	0.72	24	22	11.5	24.2	0.2	0.94	606	0.5
SA5090300	20	21	14	26	0.25	25	0.2	0.25	4.8	6.21	0.5	0.17	11	12	3.9	50.9	0.025	0.32	744	1

Appendix 1 - Open File 023I/0101

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
SA5090301	17	20	97	78	0.6	5	1.9	1	5.4	5.25	6	0.84	26	19	9	9.4	0.23	1.39	742	0.5
SA5090302	15	17	70	56	0.5	53	1.8	0.25	2.5	2.4	1	0.41	32	28	9.3	50.3	0.17	0.68	290	0.5
SA5090303	18	20	75	76	0.25	12	1.7	0.25	4.9	5.21	4	0.74	25	22	9.2	13.1	0.13	1.2	715	0.5
SA5090304	10	12	50	49	0.25	35	1.4	0.8	2.6	3.03	0.5	0.3	19	20	7.5	36.5	0.11	0.53	402	0.5
SA5090305	16	17	70	70	0.6	31	1.9	0.9	3.9	4.58	2	0.6	26	25	12.5	29.9	0.18	0.85	435	0.5
SA5090306	23	22	71	70	0.7	53	2.3	1.2	6	6.68	2	0.61	30	27	11.2	37.9	0.24	0.88	652	2
SA5090307	13	14	58	66	0.8	31	1.7	0.25	3.6	4.13	2	0.64	23	21	12.5	33.6	0.16	0.82	462	0.5
SA5090308	13	13	71	66	0.9	36	2	1	3.2	3.51	2	0.64	24	22	12.5	33.4	0.21	0.82	402	0.5
SA5090309	14	15	76	63	0.7	33	2.4	0.9	3.4	3.69	2	0.53	35	32	12.5	31.4	0.25	0.94	449	1
SA5090310	5	7	25	38	0.7	36	1.2	0.25	1.1	1.29	0.5	0.3	18	20	8.5	33.9	0.1	0.4	178	0.5
SA5090311	1	2	11	8	0.25	15	0.1	0.25	0.9	0.99	0.5	0.05	4	4	0.7	94.5	0.025	0.1	124	2
SA5090312	18	17	82	66	0.9	10	1.2	0.9	5.4	5.12	5	1.11	24	18	14.3	10.4	0.24	1.1	1000	0.5
SA5090313	12	15	88	79	1.1	12	1.9	1	5.4	5.52	5	1.09	26	21	16.4	9.7	0.25	1.18	674	0.5
SA5090314	16	16	54	56	0.7	46	1.9	0.8	2.5	2.56	2	0.42	27	27	9.3	46.8	0.17	0.75	346	0.5
SA5090315	11	12	62	56	0.9	26	2.6	0.8	3.2	3.4	3	0.7	28	25	12.3	20.2	0.24	0.73	390	0.5
SA5090316	10	11	69	66	1.5	48	2	0.6	2.4	2.79	2	0.67	23	23	14.8	35.5	0.19	0.62	335	1
SA5090317	8	9	41	45	0.9	29	2.1	0.25	2	2.57	1	0.47	18	20	11.9	26.8	0.15	0.5	372	0.5
SA5090318	14	15	70	62	1	34	2.3	0.9	3.2	3.4	3	0.83	29	24	13.5	25	0.24	0.77	492	0.5
SA5090319	16	18	71	64	1	23	1.9	0.8	4.6	5.18	3	0.75	24	21	13.8	24.9	0.18	0.86	670	0.5
SA5090320	14	16	50	56	0.7	34	1.6	0.9	3.8	4.42	1	0.53	24	24	10.9	40.2	0.16	0.63	483	2
SA5090321	15	15	60	60	0.9	51	2.6	1.1	3	3.09	3	0.64	36	32	12.3	38.7	0.31	0.83	386	1
SA5090322	17	18	77	77	1.5	21	1.4	0.9	4.8	4.87	3	0.97	22	18	14.8	37.5	0.23	1.07	521	0.5
SA5090323	12	13	28	33	0.25	18	0.3	0.25	5.1	5.67	0.5	0.25	10	10	5	66	0.09	0.5	1117	2
SA5090324	21	19	120	90	1.3	24	2.1	1	5	4.22	7	1.24	34	23	14.1	4.6	0.31	1.41	749	0.5
SA5090325	21	22	83	74	0.9	25	2.3	1	4.6	5.35	3	0.75	27	24	12.4	19.8	0.19	0.99	707	0.5
SA5090326	14	15	45	51	0.25	25	2	0.25	3.9	4.78	1	0.33	25	26	6.4	25.6	0.15	0.56	530	2
SA5090327	16	17	78	69	0.8	47	1.7	1	3.2	3.34	3	0.69	25	21	10.8	39.3	0.2	0.98	471	0.5
SA5090328	15	16	63	59	0.25	25	2.7	1	3.4	4.13	2	0.48	30	30	7.3	21.8	0.18	0.74	631	1
SA5090329	16	17	99	75	0.6	9	1.9	1.1	3.5	3.76	6	0.91	28	22	11.2	13.2	0.21	1.28	724	0.5
SA5090330	6	7	33	33	0.25	13	1.1	0.25	1	1.31	0.5	0.25	12	14	5.8	22.3	0.07	0.43	182	0.5
SA5090331	20	22	50	58	0.25	18	2	0.25	4.2	5.11	2	0.46	24	25	7.7	20.6	0.14	0.76	890	1
SA5090332	21	23	53	58	0.25	23	2.4	0.9	4.1	5.12	2	0.42	28	31	7.4	21.2	0.18	0.73	757	0.5
SA5090333	22	22	120	92	0.25	6	2.2	1.1	7	6.79	8	1.03	28	23	9.6	3.4	0.22	1.57	1130	0.5
SA5090334	10	11	30	40	0.25	38	2.2	0.25	1.6	2.07	0.5	0.23	26	29	5.9	28.7	0.14	0.41	223	0.5
SA5090335	6	7	38	31	0.25	23	1.2	0.6	0.9	1.25	0.5	0.18	15	18	4.2	32.4	0.09	0.32	179	0.5
SA5090336	19	21	73	70	0.25	16	2.6	1.1	4	4.57	3	0.7	30	27	9.3	13.6	0.24	1.08	733	0.5
SA5090337	16	14	89	62	0.25	3	1.2	0.9	4.7	4.22	4	1.05	18	13	6.9	3.7	0.13	1.1	778	0.5
SA5090338	20	21	74	70	0.25	18	2.8	1.2	6.8	7.62	3	0.62	31	28	9.2	13.4	0.16	0.98	1568	0.5
SA5090339	18	17	85	55	0.7	24	1.4	0.25	3.8	3.62	2	0.52	19	15	9.4	50.8	0.16	0.83	356	0.5
SA5090340	19	16	64	43	0.25	34	1.5	0.25	3.6	3.18	1	0.25	23	18	6.1	58.1	0.18	0.54	428	0.5
SA5090341	17	15	56	53	0.25	40	1.7	0.25	3.3	3.27	1	0.41	24	21	8	45.4	0.11	0.76	352	0.5
SA5090342	15	15	75	60	0.25	18	1.9	0.25	3.4	3.38	3	0.73	20	18	8.3	22.9	0.18	1.03	496	0.5
SA5090343	11	11	31	30	0.25	27	0.7	0.25	1.9	2.08	0.5	0.2	12	11	4.1	70.4	0.07	0.44	519	1
SA5090344	3	3	10	12	0.25	7	0.05	0.25	1.2	1.42	0.5	0.2	5	5	1.9	86.5	0.025	0.19	196	0.5
SA5090345	15	16	87	78	1.4	16	2.6	1.2	3.9	4.29	4	1.6	34	26	17.5	14.6	0.28	1.03	540	0.5
SA5090346	12	13	100	71	1	9	1.9	1.1	4.5	4.17	6	1.42	32	22	13.3	13.7	0.26	0.99	428	0.5
SA5090347	18	17	100	81	1.3	17	2.5	1.1	3.9	3.87	6	1.31	37	26	16.3	17.1	0.29	1.13	506	0.5
SA5090348	13	13	76	63	1	10	2.3	0.9	3.4	3.33	6	1.16	32	22	11.4	12.9	0.26	0.9	431	0.5
SA5090349	14	13	88	66	1.2	13	2.4	1.2	3.3	3.07	6	1.45	35	24	12.8	8.2	0.29	0.93	403	0.5
SA5090350	14	14	73	67	1.3	15	2	0.8	6.2	6.07	3	1.11	28	21	12.3	35.2	0.25	0.85	568	0.5
SA5090351	12	15	84	77	1.5	17	2.5	1	3.9	4.59	4	1.58	30	26	16.1	12.4	0.24	1.04	620	0.5
SA5090352	10	11	53	46	0.9	12	1.3	0.7	4.2	4.53	3	0.95	20	16	8.8	28	0.18	0.66	496	0.5
SA5090353	18	20	49	59	1.7	17	3.8	0.25	5.6	6.21	3	0.67	20	19	16	15.7	0.44	1.18	605	0.5
SA5090354	-9	4	-9	30	-9	27	0.7	-9	-9	1.07	-9	0.27	-9	11	5.2	38.1	-9	0.29	143	-9
SA5090355	7	9	47	38	0.5	27	3	0.25	2	2.49	2	0.4	34	39	6	29.5	0.22	0.38	333	0.5
SA5090356	7	8	42	52	0.9	38	1.3	0.25	1.5	2.02	0.5	0.51	16	18	10.9	26.3	0.08	0.49	224	0.5
SA5090357	8	10	52	48	1.1	23	1.8	0.7	2.8	3.35	2	0.67	19	19	9.7	28.9	0.14	0.52	335	0.5
SA5090358	14	15	64	54	0.25	40	1.7	0.6	3.1	3.15	1	0.37	23	21	7.7	46.8	0.15	0.7	382	0.5
SA5090359	9	11	61	57	1	42	4.1	1.2	3.5	3.68	3	0.82	49	44	11	29.9	0.34	0.6	359	1
SA5090360	5	6	44	51	0.8	21	0.8	0.25	1.1	1.47	0.5	0.56	10	11	11.6	24.1	0.08	0.53	175	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
SA5090361	6	9	33	42	0.25	22	1.2	0.25	2	2.41	2	0.41	19	21	6.3	36.8	0.11	0.57	388	0.5
SA5090362	15	15	94	74	1	13	1.9	0.7	3.4	3.34	5	1.07	28	22	13.8	11.3	0.24	1.11	462	0.5
SA5090363	7	9	54	57	1.2	48	1.2	0.25	1.5	1.85	0.5	0.54	15	17	11	27.6	0.09	0.52	205	0.5
SA5090364	14	16	74	71	1.7	31	3	0.9	4.1	4.73	3	1.24	32	28	17.3	16.6	0.28	0.79	776	2
SA5090365	21	21	100	80	1.8	22	2.8	1.1	6.9	6.92	6	1.53	36	26	17.1	4.2	0.35	1.1	2213	0.5
SA5090366	18	18	110	88	1.2	28	2.2	1	3.6	3.57	5	1.33	34	25	14.9	8.8	0.26	1.35	501	0.5
SA5090367	18	21	110	100	1.9	19	2	1	3.3	3.81	4	1.45	28	23	24.2	19.1	0.25	1.34	443	0.5
SA5090368	14	13	100	75	0.25	4	1	0.8	3.5	3.31	4	1.09	19	16	9	1.9	0.18	1.25	968	0.5
SA5090369	14	16	53	50	0.8	28	2.3	0.25	2.1	2.69	1	0.48	31	36	10.9	30.3	0.16	0.53	359	0.5
SA5090370	3	4	24	21	0.25	11	0.5	0.25	1.2	1.44	0.5	0.25	8	9	2.6	74.9	0.05	0.24	201	0.5
SA5090371	15	17	90	86	1.7	30	2.5	1	4.3	4.85	4	1.49	31	28	20.4	17.4	0.26	1.15	524	3
SA5090372	19	19	110	79	1.2	17	2.3	1	5.9	5.63	6	1.2	30	23	15.2	7.2	0.25	1.24	1306	0.5
SA5090373	18	18	100	78	1.3	21	1.8	0.8	3.8	3.88	4	1.12	28	22	15.9	25.5	0.23	1.11	491	0.5
SA5090374	12	13	42	49	0.8	25	1	0.7	4.6	4.89	2	0.51	19	16	8.5	55.4	0.16	0.61	457	2
SA5090375	14	14	87	73	1.3	28	2.1	1.2	4	4.29	4	1.14	34	29	15.5	21.3	0.29	0.92	495	1
SA5090376	18	18	110	85	1.7	29	2.5	1.2	4.6	4.62	5	1.55	35	27	20	12.2	0.26	1.17	476	1
SA5090377	19	20	68	67	1.1	17	1.6	0.25	2.9	3.41	3	0.9	24	21	14.9	20.2	0.21	0.92	329	0.5
SA5090378	24	21	100	76	1.1	19	2.5	1.1	8.3	7.37	6	1.21	36	25	14.9	5.3	0.34	1.11	2835	0.5
SA5090379	9	13	62	65	0.7	22	1.4	0.25	3.4	4.05	2	0.81	21	22	12.6	27.6	0.12	0.89	430	0.5
SA5090380	12	13	80	72	1	19	1.7	1	4.2	4.43	4	1	27	24	12.6	14.5	0.19	1.03	563	0.5
SA5090381	22	21	120	80	1.7	19	2.1	1.1	6.3	5.83	5	1.28	31	23	16.3	7.5	0.23	1.21	2420	0.5
SA5090382	11	12	20	26	0.5	17	0.5	0.25	4.3	4.81	0.5	0.23	10	10	4.2	74	0.025	0.39	458	2
SA5090383	22	19	110	75	1.1	14	1.8	1.1	5.5	4.6	5	1.05	28	20	11.9	16.6	0.25	1.3	542	0.5
SA5090384	16	15	85	66	0.9	43	1.6	1	4.3	3.97	3	0.59	33	25	10.8	52.5	0.2	0.75	363	2
SA5090385	12	12	48	43	0.25	23	1	0.7	5.6	5.27	2	0.35	18	14	6.8	66.5	0.12	0.59	406	3
SA5090386	25	21	100	71	0.9	12	3.1	1.2	7	6.05	6	1.08	30	18	11.2	2.9	0.29	1.05	6444	0.5
SA5090387	26	24	130	95	2.9	33	3.1	1.2	7.9	7.57	5	1.86	37	28	24.2	4.9	0.33	1.33	3523	0.5
SA5090388	9	10	44	44	0.5	37	1.6	0.8	3.2	3.64	1	0.42	21	21	9.6	38.6	0.11	0.53	448	0.5
SA5090389	17	19	68	78	1.4	29	2.7	1	4.2	4.78	4	1.31	29	27	18.9	15.4	0.24	1.05	726	0.5
SA5090390	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090391	15	16	45	44	0.5	32	1.2	0.25	2.6	2.8	0.5	0.32	18	18	7.6	41.9	0.09	0.47	360	1
SA5090392	16	17	97	73	0.9	21	1.7	0.9	4.9	4.71	3	0.86	29	24	12.4	30.4	0.21	1.09	493	0.5
SA5090393	21	21	130	89	1.1	22	2.4	1.3	7.4	6.89	7	1.23	36	27	13.5	4	0.31	1.34	833	1
SA5090394	18	21	100	92	1.2	40	2.8	1	4.9	5.62	3	1.08	33	32	17.4	15.6	0.25	1.25	822	0.5
SA5090395	12	13	37	35	0.5	24	0.8	0.25	4	4.63	0.5	0.35	15	16	5.6	71.2	0.1	0.49	480	2
SA5090396	16	19	95	78	1.6	32	2.4	1.3	3.9	4.12	5	1.52	31	26	18	10.5	0.27	1.17	530	0.5
SA5090397	22	21	120	84	1.6	26	2.2	1.6	4.8	4.22	6	1.51	37	27	16.7	3.3	0.33	1.31	563	2
SA5090398	16	17	88	69	1.3	39	2.3	0.25	4.2	3.98	3	0.93	34	27	14.3	30.4	0.26	0.88	462	0.5
SA5090399	11	14	59	57	0.8	37	2	0.25	3.4	3.86	2	0.57	23	23	9.5	33.2	0.21	0.64	352	0.5
SA5090400	14	16	83	65	1.2	10	2	0.9	4.4	4.41	8	1.33	29	24	11.2	2.3	0.19	0.91	916	0.5
SA5090401	15	17	100	79	1.8	15	2.1	1	4.2	4.12	6	1.55	34	27	18.8	6.1	0.28	1.19	442	0.5
SA5090402	23	22	120	90	1.8	28	2.6	1.2	8.5	8.2	6	1.48	32	23	17.4	4	0.29	1.2	2355	0.5
SA5090403	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090404	14	17	85	82	1.4	35	2.1	0.8	3.7	4.25	2	0.92	30	27	16	23.2	0.18	1.06	453	0.5
SA5090405	23	24	120	105	1.6	33	2.7	1.3	6.8	6.89	5	1.35	40	33	18	6.3	0.34	1.44	600	0.5
SA5090406	24	24	120	93	1.3	30	3.2	1.5	6.9	7.2	5	1.16	38	31	15.8	6.4	0.28	1.32	1487	0.5
SA5090407	14	17	76	75	1	26	1.9	0.8	3.1	3.75	3	0.89	27	25	15.1	21.9	0.16	1.03	438	0.5
SA5090408	6	7	26	23	0.25	23	0.6	0.25	2.6	2.67	0.5	0.14	12	11	2.8	79.7	0.08	0.27	419	3
SA5090409	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090410	26	22	130	82	1.8	24	2.3	1.5	5.1	4.03	6	1.3	35	24	16.8	7.4	0.27	1.24	574	0.5
SA5090411	28	24	120	68	1.5	14	2.4	1.3	10.6	9.87	7	1.3	31	23	11.6	4	0.23	0.93	1974	3
SA5090412	11	15	76	70	1.7	19	3	0.9	4.3	5.04	4	1.3	32	27	15.1	21.7	0.17	0.86	939	1
SA5090413	36	32	83	62	1.4	18	16.1	0.9	8.8	9.13	6	1.39	30	25	14.5	5.3	0.23	0.84	21036	1
SA5090414	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090415	19	19	100	79	2.1	27	2.8	1.4	7.1	7	7	1.64	38	27	18.1	3.3	0.25	1.11	1701	2
SA5090416	20	21	120	92	1.5	21	2.3	1.1	5.5	5.09	7	1.45	32	23	17.3	4.5	0.27	1.39	602	0.5
SA5090417	19	18	83	69	0.7	21	1.8	1	4.6	4.69	3	0.76	24	19	11.5	36.9	0.18	1.02	500	2
SA5090418	12	13	64	61	0.7	25	1.5	0.6	4	4.38	2	0.56	20	18	10.1	51.9	0.13	0.8	407	1
SA5090419	16	17	100	77	0.25	3	2	1.3	4.4	4.13	6	1	24	21	8.4	3	0.2	1.36	837	0.5
SA5090420	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9

Appendix 1 - Open File 023I/0101

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
SA5090421	20	20	91	82	1.2	18	2.3	0.8	5.1	5.54	3	0.96	27	24	15.6	17.1	0.19	1.18	768	0.5
SA5090422	14	16	65	59	0.6	27	1.7	0.8	4.8	5.25	3	0.67	20	18	9.4	48.6	0.14	0.85	531	1
SA5090423	16	17	81	72	0.8	29	2	1.1	5.5	5.72	3	0.87	27	25	12.3	21.3	0.15	1.05	679	1
SA5090424	5	4	5	12	0.25	19	0.6	0.25	2.2	2.53	0.5	0.07	7	7	1.3	88.6	0.025	0.14	307	3
SA5090425	8	8	20	21	0.25	31	1.1	0.25	1.1	1.44	0.5	0.13	12	13	2.5	54.1	0.08	0.27	241	0.5
SA5090426	14	14	69	56	0.9	17	1	0.25	3.6	3.9	2	0.59	17	14	9	55.2	0.12	0.78	411	2
SA5090427	14	14	86	62	0.25	7	1.6	1	3.1	2.85	5	1	23	16	8.3	12.1	0.17	1.07	489	0.5
SA5090428	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090429	25	24	130	106	1.6	33	2.7	1.5	5	4.94	5	1.5	36	26	18.8	3.2	0.27	1.58	831	0.5
SA5090430	14	16	48	47	0.25	20	1.7	0.6	2.4	2.87	2	0.52	18	17	7.8	32	0.12	0.74	388	0.5
SA5090431	37	29	120	80	0.7	17	2.8	1.5	8.3	7.56	7	1.06	35	25	12.3	4.2	0.25	1.26	2380	0.5
SA5090432	14	16	77	71	0.6	24	2.4	1	3.2	3.53	3	0.77	30	27	11.4	16.5	0.15	1.02	487	0.5
SA5090433	27	24	100	79	0.7	15	3	1.4	7.6	7.26	6	1.02	33	27	11	5	0.25	1.24	3469	0.5
SA5090434	14	15	53	49	0.7	32	1.4	0.5	4.1	4.65	0.5	0.41	18	17	7.2	64	0.1	0.59	847	2
SA5090435	18	15	72	64	0.7	22	1.6	0.8	20.5	19.14	3	0.66	27	18	9.3	21.4	0.18	0.96	756	0.5
SA5090436	7	8	35	32	0.5	22	0.8	0.5	4.5	5.15	0.5	0.26	13	12	4.5	66.7	0.06	0.42	548	0.5
SA5090437	16	15	78	64	1	25	1.7	0.6	4.6	4.52	3	0.68	27	20	10.4	35.8	0.2	0.93	453	0.5
SA5090438	7	7	36	32	0.25	14	0.7	0.25	1.4	1.58	1	0.3	10	10	4.4	77.3	0.05	0.44	281	0.5
SA5090439	24	22	130	98	0.9	21	3.2	1.7	5.2	4.66	7	1.27	41	26	13.5	5.8	0.3	1.61	639	0.5
SA5090440	30	26	150	125	2.1	46	3.1	1.2	6.1	5.77	5	1.8	47	34	23.6	4	0.29	1.94	641	0.5
SA5090441	27	23	140	100	1.2	27	2.9	1.7	6.1	5.16	7	1.45	42	28	15.4	3	0.3	1.62	669	0.5
SA5090442	6	7	28	32	0.25	32	1.7	0.25	1	1.42	0.5	0.19	17	21	4.8	40.7	0.06	0.29	164	0.5
SA5090443	7	8	15	23	0.25	30	1	0.25	3.6	4.44	0.5	0.08	16	18	1.9	42.3	0.1	0.2	321	0.5
SA5090444	7	7	24	24	0.25	27	1	0.25	3.7	4.51	0.5	0.04	12	13	0.8	62.3	0.06	0.12	330	0.5
SA5090445	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090446	12	12	75	62	0.25	8	1.8	1.4	3.4	3.32	4	1.2	25	20	8.7	4.1	0.17	1.03	466	0.5
SA5090447	12	13	65	59	0.25	15	2.2	1.1	2.5	2.92	4	0.75	28	28	8	15.7	0.17	0.96	477	0.5
SA5090448	4	5	12	17	0.25	21	0.8	0.25	0.4	0.52	0.5	0.09	9	10	2.1	39	0.05	0.2	197	0.5
SA5090449	14	16	89	72	0.25	8	1.8	0.9	3.4	3.52	4	0.9	24	21	11.9	17.7	0.2	1.25	503	0.5
SA5090450	12	14	54	62	0.7	48	2.7	0.8	2.6	3.03	1	0.45	32	33	9.9	30.5	0.17	0.65	486	0.5
SA5090451	14	14	62	56	0.25	17	1.9	0.8	3.3	3.28	3	0.56	24	20	8.8	37.8	0.16	0.83	667	0.5
SA5090452	11	12	54	56	0.6	30	2	0.7	2.4	2.5	2	0.43	27	25	9.7	46	0.18	0.65	349	0.5
SA5090453	5	7	16	23	0.25	32	1.5	0.6	0.8	1.04	0.5	0.12	25	31	3.4	31.6	0.05	0.21	105	1
SA5090454	25	23	130	94	1.1	26	2.5	1.2	4.4	4.16	6	1.36	37	28	16.1	8.1	0.25	1.51	580	0.5
SA5090455	14	14	45	41	0.25	32	1.7	0.6	3.4	3.64	1	0.25	24	22	5.6	47.6	0.14	0.49	426	1
SA5090456	10	12	47	45	0.25	17	1.8	0.8	2	2.41	2	0.41	25	26	7.5	29.2	0.13	0.65	388	0.5
SA5090457	17	17	100	75	0.25	12	1.7	1.5	3.7	3.43	6	1.16	30	23	10.1	4.4	0.22	1.36	558	0.5
SA5090458	14	14	41	31	0.25	22	1.2	0.25	2.2	2.55	0.5	0.21	15	15	5.2	44.1	0.06	0.4	341	0.5
SA5090459	11	13	54	49	0.9	23	1.4	0.25	3	3.24	2	0.45	17	18	8.7	45.5	0.12	0.67	534	0.5
SA5090460	10	12	57	53	0.9	28	1.8	1.1	2.3	2.31	2	0.41	26	25	9.6	46.4	0.15	0.64	318	0.5
SA5090461	20	19	79	72	1.2	29	1.6	0.25	5.4	5.3	3	0.81	25	22	12.3	36.4	0.11	1.07	470	3
SA5090462	23	21	100	72	0.9	23	2.1	1.3	6.1	5.5	5	0.93	29	23	12.2	26.7	0.23	1.16	534	3
SA5090463	12	13	36	40	0.25	39	1.8	0.25	2.6	2.82	0.5	0.27	24	23	6.1	49.4	0.13	0.43	410	1
SA5090464	9	11	25	32	0.25	26	1.2	0.25	1.5	1.92	0.5	0.24	14	16	5.4	34.8	0.06	0.37	303	0.5
SA5090465	16	17	88	71	0.8	22	1.7	1.2	5.5	5.13	4	0.86	26	22	10.8	20.6	0.2	1.17	625	2
SA5090466	17	16	81	59	0.6	14	1.9	1.1	2.9	2.79	4	0.96	27	23	8.5	17.7	0.18	1.07	443	0.5
SA5090467	4	6	19	24	0.25	23	0.6	0.25	1.1	1.42	0.5	0.16	10	12	3.6	38	0.025	0.25	154	0.5
SA5090468	11	13	59	56	0.6	29	1.7	1.4	3	3.1	2	0.42	23	23	8.6	44.1	0.16	0.68	402	0.5
SA5090469	-9	11	-9	26	-9	24	1	-9	-9	1.27	-9	0.16	-9	15	3.9	33.8	-9	0.25	345	-9
SA5090470	19	17	98	72	1.2	22	1.8	1.1	4.9	4.4	5	1.07	28	21	12.4	20	0.2	1.14	453	0.5
SA5090471	24	24	110	92	1.5	34	2.4	1.5	5.1	5.12	5	1.2	33	27	16.9	21.2	0.26	1.45	596	2
SA5090472	27	24	140	106	1.8	37	2.7	1.6	5.7	5.31	6	1.65	40	31	20.3	3.2	0.28	1.77	624	2
SA5090473	17	18	81	72	0.6	26	2.5	0.25	3.8	4.3	3	0.76	30	28	11.2	17.9	0.21	0.98	514	0.5
SA5090474	21	19	110	77	1.1	23	2.3	0.9	4.8	4.19	5	1.14	31	21	13	15.3	0.23	1.27	481	0.5
SA5090475	14	16	50	60	0.7	34	2.3	0.9	3.3	3.85	1	0.45	27	29	9.7	26.2	0.16	0.63	508	0.5
SA5090476	24	22	110	79	0.5	14	2.4	1.4	5.7	5.3	6	0.95	30	23	14.5	11.5	0.29	1.52	693	0.5
SA5090477	11	12	53	49	0.25	35	2	0.25	2.3	2.47	0.5	0.3	24	26	7.2	48.3	0.16	0.48	269	1
SA5090478	15	17	92	73	0.25	5	2.5	1	3.8	3.56	7	1.11	32	26	9	6.3	0.23	1.3	641	0.5
SA5090479	13	14	13	20	0.25	15	1	0.25	1.7	2.17	0.5	0.08	10	11	1.4	48.5	0.06	0.19	183	0.5
SA5090480	40	32	92	78	1.7	27	4.9	1.2	11.5	10.52	6	1.44	31	23	17	5.5	0.22	1.04	4889	3

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
SA5090481	17	17	94	80	2.2	23	2.4	1	5.5	5.13	6	1.55	34	24	18.6	4.8	0.28	1.11	486	1
SA5090482	3	5	17	18	0.25	14	0.2	0.25	1.8	1.97	0.5	0.18	6	6	2.9	80.3	0.025	0.21	163	1
SA5090483	21	20	88	81	1.8	23	3	1.1	6.1	5.98	5	1.51	32	26	19.2	6.7	0.27	1.16	1183	0.5
SA5090484	15	18	110	92	1.9	19	2.5	1.3	3.8	3.98	5	1.69	33	26	23	9.8	0.25	1.28	444	0.5
SA5090485	11	14	71	68	1.3	25	2.1	0.9	3.5	3.58	4	1.23	27	21	15.5	16.3	0.25	0.95	389	0.5
SA5090486	23	19	100	81	1.5	25	2.4	0.8	11.3	9.67	6	1.23	30	21	13.3	4.5	0.25	1.14	824	3
SA5090487	25	23	150	107	3.8	47	3.1	2	6.9	5.7	5	2.25	41	30	32.1	3.1	0.36	1.63	498	1
SA5090488	11	13	74	63	1.3	36	2.4	1.7	4.4	4.39	2	0.76	29	26	12.5	30.7	0.23	0.76	406	2
SA5090489	21	21	84	75	1.2	27	2.1	1.3	4.9	4.85	3	0.84	25	21	12.6	38	0.21	1.02	515	2
SA5090490	14	17	95	75	1.7	26	2.7	1	3.9	3.68	5	1.38	30	22	17.2	12.3	0.29	1.06	432	2
SA5090491	34	28	92	77	0.7	16	6.4	1.9	7.1	6.67	6	1.06	32	25	11.2	4.6	0.31	1.2	6593	1
SA5090492	31	29	80	76	0.8	23	4.6	1.3	6	6.47	4	0.92	32	28	11.8	10.5	0.24	1.15	3760	1
SA5090493	25	22	120	77	0.6	9	2.4	1.2	4.4	3.78	6	1.05	29	21	11.4	8	0.27	1.34	612	0.5
SA5090494	35	29	140	108	2	35	5.6	2	7.3	6.31	7	1.45	45	30	19.1	3.5	0.33	1.69	4464	0.5
SA5090495	19	17	51	43	0.25	67	2.6	0.25	3.1	3.13	1	0.23	30	29	5.5	53.7	0.16	0.37	413	0.5
SA5090496	29	25	100	85	0.6	16	2.7	1.4	5.9	5.44	7	1.16	33	25	11.6	3.5	0.2	1.36	1012	0.5
SA5090497	19	19	91	77	0.8	16	2.6	0.9	4.4	4.31	5	0.92	26	24	11.1	12.1	0.21	1.2	684	0.5
SA5090498	19	18	84	73	0.5	10	2.7	1.6	5.6	5.66	5	0.99	28	24	9.2	5	0.2	1.18	1238	0.5
SA5090499	11	12	33	33	0.25	16	1.1	0.25	6.8	7.04	0.5	0.27	10	9	5.1	62.2	0.07	0.48	900	1
SA5090500	15	17	91	75	0.25	14	2.6	1.1	4.6	4.61	7	0.9	31	25	10.4	18.8	0.23	1.32	592	0.5
SA5090501	31	26	130	97	1.1	28	2.4	2	5.3	4.75	6	1.36	37	27	15.5	9.1	0.29	1.58	581	0.5
SA5090502	7	8	17	23	0.25	13	0.5	0.25	4.1	4.85	0.5	0.19	7	7	2.7	67	0.06	0.37	169	0.5
SA5090503	14	15	82	79	0.5	18	2.3	1.2	3.3	3.71	4	0.98	29	27	12.7	9.4	0.23	1.21	495	0.5
SA5090504	17	18	100	88	0.7	20	2.9	1.8	4.1	3.8	7	1.18	34	26	14.5	6.3	0.28	1.43	555	0.5
SA5090505	12	15	77	70	0.9	19	2	0.25	3	3.42	3	0.74	23	24	11.1	20.8	0.15	1.03	505	0.5
SA5090506	18	20	100	80	0.9	19	2.4	1.1	4	3.91	4	1.12	29	26	12.2	12.4	0.2	1.3	571	0.5
SA5090507	17	19	96	82	0.25	2	2.9	1.4	4.8	4.55	9	1.1	29	26	7.7	4.2	0.25	1.44	800	0.5
SA5090508	13	15	73	71	0.8	26	2.8	0.9	2.8	3.35	3	0.79	30	30	10.3	19.5	0.19	0.99	452	0.5
SA5090509	6	7	23	36	0.25	29	1.3	1.1	1	1.26	0.5	0.25	18	21	5.7	24.7	0.07	0.35	121	0.5
SA5090510	15	20	87	75	0.25	8	2.9	1.6	4	4.33	6	1.05	29	30	8.9	8.5	0.23	1.38	644	0.5
SA5090511	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090512	4	6	14	20	0.25	18	1	0.25	0.7	0.92	0.5	0.1	11	13	2.2	32.8	0.025	0.17	105	0.5
SA5090513	11	14	65	74	0.5	25	2.8	1.2	2.7	3.21	3	0.76	29	29	11.3	17.7	0.18	0.98	440	0.5
SA5090514	5	7	22	22	0.25	21	1.1	0.9	0.5	0.64	0.5	0.11	14	17	2.7	26.1	0.06	0.22	91	0.5
SA5090515	5	6	27	28	0.25	13	0.8	0.25	0.8	0.95	0.5	0.19	10	12	4.1	23.2	0.025	0.31	150	0.5
SA5090516	13	14	29	34	0.25	21	1.2	0.25	5.9	6.1	0.5	0.19	13	14	3.3	68.4	0.12	0.35	479	3
SA5090517	9	10	49	48	0.25	20	1.7	0.25	1.8	2.05	2	0.33	23	24	5.9	31.4	0.12	0.56	264	0.5
SA5090518	17	21	84	69	0.25	3	2.5	1.7	3.3	3.5	7	0.98	30	27	9.3	8.8	0.22	1.33	694	0.5
SA5090519	4	6	35	35	0.25	11	1	0.25	0.8	0.99	0.5	0.23	12	14	4.5	25.8	0.025	0.38	139	0.5
SA5090520	4	5	26	30	0.25	9	0.4	0.25	0.7	1.01	0.5	0.18	8	10	4	23.4	0.025	0.31	83	0.5
SA5090521	9	12	44	45	0.25	12	1.5	0.25	1.3	1.79	1	0.29	18	21	6.8	26	0.1	0.5	373	1
SA5090522	7	8	30	38	0.25	13	1.1	0.25	1.1	1.4	0.5	0.21	16	19	5.1	29.7	0.1	0.41	195	0.5
SA5090523	13	16	83	65	0.25	4	2.2	1.3	3	2.99	7	1.08	30	25	8.8	7.4	0.21	1.28	558	0.5
SA5090524	6	7	22	22	0.25	18	1.3	0.25	0.9	1.13	0.5	0.12	14	16	2.6	29.9	0.06	0.23	145	0.5
SA5090525	8	10	42	50	0.25	21	1.9	0.25	2	2.29	1	0.36	20	24	6.1	29.3	0.12	0.59	284	1
SA5090526	21	22	54	57	0.8	21	2.8	1.3	8.4	9.14	2	0.39	23	24	7.4	17.1	0.14	0.65	2198	1
SA5090527	18	19	66	61	0.25	28	3.3	1.2	3.8	4.18	2	0.48	34	34	7.7	21.2	0.2	0.78	743	1
SA5090528	5	7	16	21	0.25	24	1.2	0.25	0.7	0.88	0.5	0.11	17	19	2.6	31.2	0.05	0.22	90	0.5
SA5090529	6	7	33	34	0.25	20	1.6	0.25	0.8	0.92	0.5	0.21	17	19	4.7	33.8	0.13	0.34	173	1
SA5090530	18	21	77	70	0.25	29	3.3	1	3.6	4.21	3	0.65	33	35	9.4	18.5	0.2	0.99	833	2
SA5090531	4	6	14	25	0.25	16	0.9	0.25	0.5	0.69	0.5	0.11	12	15	2.8	29.6	0.06	0.22	114	2
SA5090532	9	12	48	50	0.25	11	1.3	0.25	1.4	1.92	2	0.46	16	18	7.8	22.3	0.06	0.67	328	0.5
SA5090533	4	6	32	27	0.25	10	1.7	0.9	1.3	1.58	0.5	0.14	20	23	2.5	26.6	0.08	0.29	134	3
SA5090534	4	5	22	21	0.25	21	1.2	0.25	0.5	0.66	0.5	0.11	15	19	2.8	27.2	0.025	0.22	79	2
SA5090535	1	1	5	4	0.25	13	0.4	1	0.3	0.3	0.5	0.04	5	5	0.3	95.8	0.025	0.08	37	0.5
SA5090536	12	16	47	63	0.6	19	1.8	0.25	2.5	2.95	2	0.55	23	24	9.9	21	0.15	0.87	490	1
SA5090537	16	18	79	73	0.25	16	2.2	0.25	3.3	3.79	4	0.89	28	26	11.2	16.9	0.2	1.13	476	0.5
SA5090538	14	18	59	56	0.25	12	2.2	0.25	2.9	3.47	3	0.61	26	27	8.3	22.9	0.16	0.85	587	0.5
SA5090539	19	20	93	74	0.25	6	2.5	1.7	3.9	3.72	7	1.23	32	25	8.5	2.4	0.27	1.39	661	0.5
SA5090540	13	16	80	63	0.25	10	2.2	1.2	2.7	3.34	4	0.87	27	25	8.9	14.9	0.16	1.05	477	0.5

Appendix 1 - Open File 023I/0101

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
SA5090541	15	16	58	54	0.25	12	2.1	1.1	4	4.69	3	0.61	23	23	7.4	25.7	0.12	0.8	467	0.5
SA5090542	6	10	47	42	0.6	16	1.8	1.6	1.4	1.63	1	0.37	19	22	6.9	25.6	0.1	0.52	248	0.5
SA5090543	14	16	90	64	0.25	1	2.1	1.8	3.6	3.19	8	1.32	31	24	7.3	2.2	0.2	1.32	721	0.5
SA5090544	8	11	39	42	0.25	27	1.3	0.25	1.9	2.24	0.5	0.25	17	20	5.5	39.7	0.12	0.4	263	0.5
SA5090545	7	8	22	27	0.25	28	1.2	0.25	1	1.09	0.5	0.08	14	16	1.9	57.1	0.05	0.17	130	1
SA5090546	3	6	21	27	0.25	22	1.3	0.25	0.9	1.04	0.5	0.16	17	21	3.5	35	0.11	0.27	122	0.5
SA5090547	4	7	26	30	0.25	15	1	0.25	0.9	1.21	1	0.29	12	16	4.1	30.8	0.06	0.4	196	0.5
SA5090548	5	7	19	32	0.25	16	0.8	0.25	0.8	1.14	0.5	0.28	12	15	5.3	24.5	0.06	0.41	186	0.5
SA5090549	18	19	96	84	1	29	2.6	1.6	3.7	3.94	5	1.2	34	30	13.8	8.4	0.22	1.41	540	1
SA5090550	11	14	40	44	0.6	20	1.5	0.25	1.5	1.95	0.5	0.29	18	22	7.6	25.7	0.1	0.4	436	0.5
SA5090551	10	11	40	41	0.25	24	2.3	0.25	2.1	2.47	0.5	0.28	26	29	5.5	30.6	0.11	0.45	267	0.5
SA5090552	8	10	18	37	0.25	22	2.3	0.25	1.5	1.68	1	0.27	31	36	5.4	34.8	0.17	0.45	253	0.5
SA5090553	12	13	43	42	0.25	22	2.2	1.5	2.1	2.53	1	0.32	29	34	5.3	33.2	0.15	0.49	397	0.5
SA5090554	8	9	41	39	0.25	28	2.3	1.3	1.6	1.98	1	0.26	32	38	5.2	32.1	0.13	0.42	255	2
SA5090555	5	5	20	20	0.25	14	0.7	0.25	0.6	0.69	0.5	0.16	11	13	3.5	25.1	0.025	0.22	87	0.5
SA5090556	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090557	4	6	15	25	0.25	18	1	1	0.6	0.79	0.5	0.19	14	18	4.4	26.1	0.07	0.28	114	0.5
SA5090558	10	11	42	37	0.25	16	1.2	0.25	1.1	1.55	0.5	0.3	16	19	7.6	25.7	0.08	0.43	257	0.5
SA5090559	5	5	15	16	0.25	20	0.8	0.25	1	1.09	0.5	0.12	9	10	2	29.1	0.07	0.18	126	0.5
SA5090560	4	5	18	22	0.25	24	0.9	0.9	0.7	0.93	0.5	0.11	16	19	2.6	35.1	0.025	0.18	97	0.5
SA5090561	13	16	45	53	0.25	38	2.1	0.25	2.3	2.91	0.5	0.36	29	32	8	33.9	0.14	0.46	314	0.5
SA5090562	3	5	18	23	0.25	19	1.5	0.9	0.7	0.74	0.5	0.15	16	20	3.3	27.2	0.08	0.26	160	1
SA5090563	5	6	31	28	0.25	16	1.2	0.25	0.7	0.93	0.5	0.18	16	20	4.2	25.3	0.025	0.26	113	2
SA5090564	4	5	5	26	0.25	10	1.2	0.25	0.8	0.95	0.5	0.18	15	19	5	23	0.07	0.28	113	0.5
SA5090565	4	6	27	26	0.25	18	1.3	0.25	0.6	0.76	0.5	0.13	16	18	3	41.6	0.09	0.22	94	0.5
SA5090566	4	5	29	30	0.25	12	1.3	0.25	0.7	0.87	0.5	0.17	19	21	5.4	25.7	0.07	0.29	106	0.5
SA5090567	6	7	24	29	0.25	14	2.1	1.4	1	1.24	0.5	0.17	26	30	3.7	32.5	0.13	0.28	202	0.5
SA5090568	5	5	21	29	0.25	13	0.8	0.25	1	1.08	0.5	0.21	14	16	7.3	25.9	0.06	0.36	248	3
SA5090569	4	5	22	28	0.25	13	0.9	0.25	1	0.98	0.5	0.14	11	13	3.4	34.7	0.07	0.24	146	2
SA5090570	7	8	25	27	0.25	15	1.4	0.7	0.6	0.76	0.5	0.13	16	17	3.7	33.2	0.06	0.25	76	2
SA5090571	5	7	34	38	0.7	16	1.6	1.1	1.1	1.29	1	0.3	23	25	6	26.7	0.1	0.45	173	0.5
SA5090572	1	3	29	17	0.6	14	0.9	0.25	0.4	0.47	0.5	0.11	10	11	2.9	33.4	0.025	0.18	53	0.5
SA5090573	13	16	66	63	0.25	7	2.2	1.3	2.7	2.9	6	0.98	27	26	9.2	12.5	0.14	1.16	517	0.5
SA5090574	10	12	35	50	0.6	25	2.7	0.25	1.8	2.18	2	0.55	25	30	6.2	19.5	0.13	0.72	345	0.5
SA5090575	2	4	21	27	0.25	11	0.8	0.25	0.7	0.8	0.5	0.21	12	14	5.9	22.8	0.07	0.3	87	0.5
SA5090576	10	12	56	52	0.25	6	1.8	1.1	2.3	2.56	4	0.91	24	23	6.7	12.5	0.15	0.93	406	0.5
SA5090577	6	10	45	49	0.25	8	1.6	0.25	1.5	1.9	3	0.76	17	18	6.4	17.4	0.1	0.83	355	0.5
SA5090578	6	9	30	39	0.25	8	0.8	0.25	1.3	1.73	2	0.46	13	14	6.1	20.3	0.09	0.59	299	0.5
SA5090579	13	16	47	55	0.5	7	2	0.25	2.1	2.74	4	0.62	22	23	6.7	20.9	0.14	0.87	512	0.5
SA5090580	4	4	15	18	0.25	13	0.5	0.8	0.5	0.64	0.5	0.11	9	10	2.5	25.6	0.06	0.17	95	0.5
SA5090581	4	5	20	26	0.25	20	1.4	0.25	0.8	0.96	0.5	0.1	18	21	2.4	30.6	0.07	0.19	121	0.5
SA5090582	4	6	27	31	0.25	13	1	0.25	1.1	1.23	0.5	0.2	15	17	3.9	31.2	0.11	0.3	121	0.5
SA5090583	6	7	30	29	0.25	25	2.3	0.25	0.8	1	0.5	0.13	27	34	3.7	36.9	0.08	0.24	106	0.5
SA5090584	5	6	5	23	0.25	12	0.9	0.6	0.4	0.57	0.5	0.13	11	14	3.1	28.2	0.07	0.23	125	1
SA5090585	15	16	92	73	0.6	11	2.8	2.1	3.6	3.37	7	1.28	42	32	10.1	7.5	0.28	1.3	514	0.5
SA5090586	9	10	33	33	0.25	18	1.5	1	1.2	1.38	0.5	0.22	17	19	4.8	28	0.08	0.36	194	3
SA5090587	40	38	44	54	0.25	30	3.4	1.3	7.5	8.94	1	0.23	44	49	4.8	25.9	0.24	0.38	2424	6
SA5090588	23	23	56	63	0.25	36	4	2.1	5.9	7.04	1	0.45	54	57	7.3	25.3	0.28	0.75	1084	4
SA5090589	17	19	99	70	0.25	5	2.6	2.3	4.8	4.79	7	1.31	39	34	8.5	9.1	0.26	1.31	655	3
SA5090590	5	5	5	26	0.25	11	1.2	1.1	0.5	0.6	0.5	0.08	17	19	1.7	44.8	0.08	0.18	76	2
SA5090591	9	10	27	31	0.25	23	1.2	0.25	1.2	1.36	0.5	0.18	17	22	3.6	39.8	0.09	0.32	157	3
SA5090592	4	3	18	19	0.25	12	1.7	0.8	0.4	0.51	0.5	0.1	15	20	2.1	28.4	0.12	0.19	90	0.5
SA5090593	4	6	18	25	0.25	9	1.6	0.25	0.7	0.89	0.5	0.16	19	23	3.2	28.1	0.025	0.26	154	1
SA5090594	8	12	32	40	0.25	10	2.2	0.25	1.6	1.8	2	0.39	28	31	5.6	23.5	0.15	0.52	343	2
SA5090595	5	7	22	36	0.25	18	1.9	1.4	1	1.23	0.5	0.26	23	27	5.4	24.2	0.13	0.38	173	1
SA5090596	5	7	35	33	0.25	10	1	0.25	1.3	1.47	1	0.33	17	19	4.9	24.9	0.09	0.43	199	0.5
SA5090597	15	15	25	25	0.25	29	1.4	1.2	1	1.33	0.5	0.11	20	24	2.4	45.9	0.12	0.3	125	2
SA5090598	10	13	29	39	0.25	10	2.6	2	2.1	2.57	3	0.45	36	39	4.6	26.5	0.19	0.57	385	3
SA5090599	7	9	31	35	0.25	17	3.1	1.7	1.4	1.74	0.5	0.26	44	50	4.4	27.4	0.21	0.39	247	1

Appendix 1 - Open File 023I/0101

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
SA5090600	9	11	35	43	0.25	17	2	1.4	1.6	1.81	2	0.47	27	29	4.9	23.8	0.16	0.58	309	2
SA5090601	15	16	39	47	0.6	22	4.2	2	4.8	5.55	0.5	0.22	53	59	4.3	28.8	0.31	0.33	554	3
SA5090602	5	4	22	21	0.25	19	3	1.7	0.7	0.85	0.5	0.06	33	41	1.4	42	0.15	0.13	75	0.5
SA5090603	11	11	33	34	0.25	13	3.8	2	1.9	1.99	2	0.22	46	52	4	32	0.18	0.37	523	1
SA5090604	2	3	11	15	0.25	16	2.9	1.1	0.3	0.39	0.5	0.05	32	37	1.2	38.3	0.09	0.14	58	2
SA5090605	1	3	5	12	0.25	10	0.8	0.6	0.2	0.28	0.5	0.04	10	13	1.1	31.5	0.025	0.16	73	1
SA5090606	5	6	18	24	0.25	16	3.3	1.3	0.7	0.94	0.5	0.1	42	47	2.4	37.1	0.2	0.2	159	2
SA5090607	5	6	19	29	0.25	24	2.7	0.7	1.1	1.32	0.5	0.13	29	34	2.3	32.9	0.15	0.25	169	0.5
SA5090608	3	4	5	15	0.25	7	1.3	0.25	0.4	0.49	0.5	0.1	14	15	2.4	21.5	0.06	0.18	90	0.5
SA5090609	4	4	21	18	0.25	9	1.3	0.25	0.4	0.5	0.5	0.09	15	17	2.2	23.2	0.09	0.17	91	0.5
SA5090610	3	5	14	22	0.25	9	1.7	0.8	0.7	0.81	0.5	0.12	22	25	2.1	32.7	0.1	0.21	111	0.5
SA5090611	7	9	21	25	0.25	10	2.2	1.4	1	1.36	0.5	0.16	27	32	3.1	33.2	0.13	0.27	451	0.5
SA5090612	15	22	76	68	0.25	19	4.3	1.5	3.7	4.16	7	0.84	48	50	7.5	17.6	0.26	1.19	652	2
SA5090613	6	9	36	42	0.25	24	3.1	1.4	1.8	2.31	2	0.42	35	41	5.1	26.7	0.18	0.52	244	3
SA5090614	11	11	24	31	0.25	24	2.9	1.1	1.6	1.8	0.5	0.11	32	38	2.3	38.9	0.18	0.21	222	1
SA5090615	12	15	43	51	0.6	27	3.3	1.2	1.7	2.15	0.5	0.41	40	47	7.9	25.5	0.18	0.53	528	0.5
SA5090616	8	10	51	51	0.25	8	2.1	1.8	1.8	2.21	4	0.95	30	29	7.3	13.2	0.18	0.87	365	1
SA5090617	4	5	5	19	0.25	23	3.7	0.9	0.6	0.87	0.5	0.05	32	40	1.8	39.4	0.16	0.16	71	16
SA5090618	12	16	50	59	0.6	9	2.2	1.3	2.3	2.79	4	0.8	33	32	14.8	21.2	0.14	1	429	2
SA5090619	3	4	12	26	0.25	10	1	0.6	0.5	0.65	0.5	0.12	13	16	2.8	29.6	0.08	0.21	74	1
SA5090620	7	8	24	39	0.25	16	2.4	1.2	1.5	1.84	0.5	0.16	29	33	3.4	28.8	0.15	0.26	331	2
SA5090621	1	4	11	23	0.25	10	1.1	0.6	0.7	0.94	0.5	0.11	12	15	2.3	29.2	0.025	0.19	115	0.5
SA5090622	9	16	36	49	0.25	2	2.8	0.25	1.9	2.77	5	0.88	25	32	7.4	17.3	0.14	1.05	536	0.5
SA5090623	9	10	27	34	0.25	42	1.6	1.4	1.6	2.11	3	0.49	18	22	5.4	24.3	0.1	0.61	340	0.5
SA5090624	8	10	34	38	0.25	11	2.1	0.25	1.2	1.59	2	0.42	23	28	5.4	23.1	0.13	0.56	250	2
SA5090625	13	14	47	49	0.25	10	2.3	1	2	2.49	3	0.84	27	30	7.1	15.1	0.15	0.87	415	1
SA5090626	4	5	19	22	0.25	8	0.8	0.25	0.5	0.56	0.5	0.1	10	13	2.3	29.6	0.025	0.19	103	2
SA5090627	7	9	26	32	0.25	17	2	0.25	1.8	2.35	0.5	0.18	22	27	3.3	36.2	0.13	0.3	193	0.5
SA5090628	4	5	29	27	0.25	13	1	0.25	0.9	1.18	0.5	0.14	13	17	2.9	28.1	0.06	0.23	233	0.5
SA5090629	3	4	22	18	0.25	9	0.7	0.25	0.4	0.53	0.5	0.11	10	13	2.3	24.2	0.025	0.2	150	0.5
SA5090630	5	7	25	26	0.25	12	1.3	0.25	1.2	1.6	0.5	0.1	18	23	2.2	31.9	0.05	0.19	195	3
SA5090631	11	12	32	32	0.25	20	1.6	1	3.3	3.95	0.5	0.13	19	22	2.8	32.6	0.09	0.29	376	2
SA5090632	12	14	47	47	0.25	8	2.7	1.4	2.2	2.63	3	0.7	28	31	7	20.6	0.16	0.77	424	1
SA5090633	15	16	71	60	0.25	7	2.5	1	2.7	2.93	5	1.09	31	31	7.7	11	0.19	1.09	502	0.5
SA5090634	4	5	15	18	0.25	9	0.5	0.25	0.5	0.68	0.5	0.1	9	11	2.2	23.8	0.09	0.18	143	0.5
SA5090635	15	17	70	63	0.25	1	2.8	1.4	3	3.14	7	1.13	31	29	7.2	7.5	0.23	1.26	612	0.5
SA5090636	19	19	46	46	0.25	13	1.7	1.2	5.4	5.12	3	0.51	31	25	7.2	54.1	0.19	0.79	437	2
SA5090637	14	15	40	45	0.7	15	1.8	1.1	7.4	7.33	3	0.49	30	25	6.3	55.4	0.14	0.72	469	1
SA5090638	18	18	93	66	0.9	10	2.4	2.1	4.6	4.37	5	1.21	40	33	11.1	25.1	0.25	1.16	469	0.5
SA5090639	5	8	27	30	0.25	17	1.5	0.25	2.1	2.56	0.5	0.1	17	21	2.3	32.3	0.08	0.22	312	2
SA5090640	12	14	61	55	0.25	10	3	1.7	5.4	5.28	4	0.69	47	48	6.7	25.7	0.2	0.75	421	2
SA5090641	11	12	33	30	0.25	15	2	1.5	3.3	3.43	2	0.23	34	35	5.2	48.3	0.16	0.4	350	1
SA5090642	14	16	46	49	0.25	14	2.8	1.2	6.7	7.34	2	0.41	47	46	6.2	34.8	0.19	0.58	432	2
SA5090643	3	4	18	18	0.25	6	0.7	0.25	0.9	1.02	0.5	0.12	14	17	1.7	58.2	0.08	0.22	116	1
SA5090644	5	6	26	23	0.25	16	2.2	1.4	1.1	1.19	0.5	0.15	45	50	4.2	38	0.14	0.3	117	1
SA5090645	5	6	14	17	0.25	12	1.8	0.25	0.5	0.63	0.5	0.1	31	37	3.3	31	0.08	0.19	57	1
SA5090646	1	3	17	16	0.25	9	1.1	0.25	0.6	0.65	0.5	0.11	18	21	3.1	27.7	0.05	0.17	95	0.5
SA5090647	2	3	5	17	0.25	13	1	0.25	0.6	0.66	0.5	0.11	18	21	2.9	27.6	0.06	0.19	90	0.5
SA5090648	6	9	30	38	0.25	13	2.4	0.25	1.3	1.57	2	0.31	43	49	4.9	31	0.13	0.51	212	0.5
SA5090649	4	6	15	17	0.25	15	2.2	2.4	0.4	0.61	0.5	0.05	37	50	1.4	43.6	0.09	0.14	59	0.5
SA5090650	2	3	16	16	0.25	12	2.4	1.1	0.4	0.42	0.5	0.07	45	57	1.8	34.8	0.08	0.15	56	0.5
SA5090651	4	5	18	22	0.25	15	3.1	1.2	0.3	0.38	0.5	0.08	54	63	2.7	36.6	0.12	0.18	45	2
SA5090652	4	7	35	34	0.25	13	5.1	1.8	0.8	1.02	1	0.22	110	134	7.9	31.4	0.19	0.4	184	2
SA5090653	4	7	37	34	0.25	12	2.4	1.8	0.6	0.81	0.5	0.17	56	64	5.6	35.1	0.1	0.3	137	3
SA5090654	6	6	13	19	0.25	17	2.1	1	0.4	0.41	0.5	0.08	30	31	2.3	68.5	0.19	0.13	50	5
SA5090655	3	6	19	28	0.25	14	3.4	1.6	1	1.13	0.5	0.22	38	45	6.5	33	0.3	0.31	151	6
SA5090656	4	4	21	25	0.25	11	2.6	0.25	0.5	0.73	0.5	0.11	31	37	4.3	29.9	0.05	0.22	63	2
SA5090657	7	9	31	38	0.25	17	6.1	2.6	0.9	1.14	2	0.23	157	182	7.9	28.3	0.28	0.42	172	4
SA5090658	9	13	67	65	0.6	17	3.7	0.25	2	2.35	5	0.9	77	83	19.6	24.4	0.08	1.03	356	0.5

Appendix 1 - Open File 023I/0101

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
SA5090659	12	14	46	43	0.25	21	5.7	2.6	2.1	2.3	3	0.45	137	157	5.8	31.1	0.23	0.55	310	7
SA5090660	4	6	19	23	0.25	21	2.1	1.3	1.3	1.43	0.5	0.07	58	69	1.9	42.3	0.13	0.14	67	0.5
SA5090661	4	6	10	18	0.25	14	1.8	1.1	0.5	0.62	0.5	0.06	38	45	1.8	43.4	0.06	0.16	98	0.5
SA5090662	6	6	11	21	0.25	11	2.3	0.7	0.8	0.93	0.5	0.09	56	65	3.2	29.1	0.1	0.21	85	1
SA5090663	4	5	20	21	0.25	10	1.8	1.3	0.7	0.83	0.5	0.11	35	41	2.5	46.6	0.11	0.2	92	0.5
SA5090664	4	7	34	36	0.25	18	1.9	1.2	1	1.16	2	0.31	37	39	5.5	53.2	0.17	0.42	184	2
SA5090665	15	17	44	48	0.25	11	2.6	1.1	5.3	5.79	3	0.42	46	45	7	37.4	0.18	0.6	503	2
SA5090666	14	14	63	57	0.8	19	2.1	1.8	3.8	3.64	3	0.66	39	32	9.7	46.3	0.16	0.86	385	0.5
SA5090667	9	10	52	46	0.5	7	2.5	1.7	2.6	2.84	4	1.04	33	33	7.6	21.9	0.15	0.85	328	0.5
SA5090668	18	18	100	72	0.8	11	4.4	1.3	4	3.62	6	1.39	55	45	12.5	14.3	0.32	1.31	504	0.5
SA5090669	24	26	30	39	0.25	13	2.9	1.9	4.9	5.56	3	0.35	54	57	6.7	31.4	0.2	0.55	461	2
SA5090670	19	21	23	39	0.25	16	3.4	1.9	4	4.75	1	0.26	59	66	5.6	34.1	0.19	0.44	463	2
SA5090671	3	4	5	21	0.25	9	2.6	0.25	2.8	3.42	0.5	0.06	53	61	1.4	38.7	0.15	0.14	102	2
SA5090672	6	6	17	23	0.25	19	2.5	1.3	1	1.29	0.5	0.12	55	63	3.3	41.7	0.12	0.23	113	0.5
SA5090673	11	14	28	34	0.25	10	2.4	1.7	2.7	3.22	2	0.39	37	42	5.5	34.5	0.15	0.55	354	1
SA5090674	1	3	21	15	0.25	15	1.6	0.25	0.5	0.51	0.5	0.06	36	42	1.7	43	0.06	0.16	64	0.5
SA5090675	3	3	25	17	0.25	33	2.5	0.25	0.4	0.46	0.5	0.06	55	65	1.8	43.6	0.1	0.14	48	1
SA5090676	5	6	5	19	0.25	16	2.5	1.2	0.6	0.75	0.5	0.1	56	61	3.1	40.7	0.14	0.21	101	2
SA5090677	9	7	5	26	0.25	22	5	3.5	1.5	1.76	0.5	0.07	131	158	2.5	33.8	0.16	0.19	84	2
SA5090678	5	7	33	28	0.25	23	2.4	0.25	1.1	1.15	0.5	0.16	35	38	3.7	54.8	0.1	0.22	99	3
SA5090679	6	7	15	24	0.25	21	4.1	1.8	1.2	1.36	0.5	0.12	91	108	3.4	35.5	0.17	0.23	135	3
SA5090680	6	7	14	23	0.25	8	1.9	1.2	1.2	1.38	0.5	0.29	30	37	4	27.5	0.1	0.34	172	0.5
SA5090681	10	12	47	41	0.25	11	3.2	2.5	2.4	2.66	4	0.77	57	58	5.9	24.4	0.25	0.69	314	0.5
SA5090682	1	2	22	21	0.25	6	0.8	0.25	2.1	2.47	0.5	0.08	11	12	1.1	70.2	0.025	0.13	75	0.5
SA5090683	23	24	49	54	0.5	12	3.3	1.9	5.6	6.4	4	0.64	47	50	9.1	26.2	0.22	0.81	656	0.5
SA5090684	13	13	32	32	0.25	10	1.9	1.1	5.8	6.85	0.5	0.21	31	33	3.8	43.4	0.15	0.35	416	0.5
SA5090685	11	12	55	42	0.25	9	2.4	1.6	5	4.96	3	0.59	30	27	5.9	37.2	0.18	0.65	342	0.5
SA5090686	10	12	44	41	0.25	7	2.9	1.6	2.2	2.3	5	1.34	40	41	6.9	12.3	0.19	0.83	356	1
SA5090687	26	24	110	80	0.8	15	3.9	1.6	4.7	4.34	9	1.72	52	43	12.6	3.7	0.27	1.59	601	0.5
SA5090688	9	10	34	29	0.25	11	1.8	1.1	2.3	2.47	0.5	0.14	21	22	2.5	55.3	0.1	0.27	145	0.5
SA5090689	4	6	5	23	0.25	7	0.8	0.25	8.3	9.64	0.5	0.22	10	9	2	60.2	0.07	0.33	277	0.5
SA5090690	16	15	45	48	0.25	12	2.8	1.4	13.3	12.76	4	0.6	42	34	6.5	35.3	0.19	0.73	1302	0.5
SA5090691	15	16	32	43	0.25	9	2.4	0.7	5.8	6.52	3	0.45	30	29	6	29.5	0.15	0.67	637	2
SA5090692	14	16	37	47	0.25	8	2.5	0.25	5.1	5.87	3	0.56	29	28	5.2	26.3	0.15	0.73	604	2
SA5090693	13	15	64	55	0.25	10	3.1	1.7	4.4	4.77	5	0.93	50	47	8.1	21.3	0.21	0.9	447	0.5
SA5090694	16	18	53	51	0.25	10	3.1	1.5	5	5.74	4	0.61	49	50	8.4	25.8	0.21	0.76	539	2
SA5090695	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090696	4	6	18	25	0.25	18	2.5	1.4	1.2	1.42	0.5	0.14	33	39	3.1	32.6	0.14	0.23	124	1
SA5090697	10	11	40	39	0.25	10	2.5	0.25	3.2	4.07	0.5	0.33	33	39	5.5	34.4	0.16	0.47	225	0.5
SA5090698	6	6	16	19	0.25	16	3	1.6	0.7	0.92	0.5	0.1	38	49	2.1	38.3	0.12	0.22	98	1
SA5090699	17	20	55	52	0.25	3	3.1	1.9	3.9	4.37	10	1.13	44	42	8	14.5	0.25	1.07	624	0.5
SA5090700	4	6	5	22	0.25	8	1.4	0.25	1	1.32	0.5	0.21	27	30	3.7	31.6	0.025	0.26	145	0.5
SA5090701	4	5	17	22	0.25	31	6.2	3.4	0.5	0.7	0.5	0.13	93	111	4.2	31.9	0.34	0.25	69	2
SA5090702	7	9	25	38	0.25	17	4.5	2.4	1.5	1.77	3	0.41	91	98	8.1	27.8	0.19	0.57	226	0.5
SA5090703	11	12	44	39	0.25	53	7.7	3.1	1.3	1.33	1	0.35	175	183	11.6	33.1	0.4	0.57	196	4
SA5090704	3	4	17	14	0.25	18	3.4	1.6	0.1	0.27	0.5	0.05	67	74	1.4	36.2	0.11	0.13	34	2
SA5090705	12	14	69	50	0.25	4	2.4	1.4	3.3	2.96	9	1.34	41	33	9.1	15.1	0.25	1.01	460	0.5
SA5090706	1	6	5	26	0.25	9	1.1	0.25	1.3	1.55	0.5	0.31	35	33	2.2	50.4	0.14	0.35	175	0.5
SA5090707	22	26	49	56	0.25	8	4.3	1.4	4.3	4.71	7	1.11	66	69	9.5	14.9	0.25	1.05	716	4
SA5090708	10	15	36	40	0.25	5	2.4	0.25	2.3	2.69	8	0.83	36	37	6.6	23.6	0.16	0.83	432	0.5
SA5090709	17	18	52	53	0.6	11	3.1	1	5.4	6.18	4	0.7	47	47	9.5	23.9	0.21	0.82	564	2
SA5090710	5	5	5	17	0.25	15	2.1	1.1	0.4	0.56	0.5	0.07	37	43	1.8	39.9	0.06	0.15	55	1
SA5090711	4	5	25	22	0.25	12	2.4	1.2	1.5	1.78	0.5	0.09	41	48	2.4	33	0.11	0.18	102	1
SA5090712	11	12	21	27	0.25	9	1.8	1.9	2.8	3.4	0.5	0.19	37	43	4.5	33.2	0.025	0.37	277	1
SA5090713	11	11	31	27	0.25	11	2.6	1.7	1.5	1.84	1	0.29	56	63	3.8	34	0.16	0.37	182	1
SA5090714	8	10	34	28	0.25	20	3.8	1.7	3.2	3.47	1	0.16	76	81	2.3	40.1	0.13	0.24	171	2
SA5090715	1	3	5	12	0.25	17	6.1	0.25	0.4	0.39	0.5	0.04	100	118	1.1	33.4	0.24	0.12	34	4
SA5090716	5	7	5	24	0.25	14	4.5	1.4	1	1.36	0.5	0.2	74	97	6.6	30.9	0.09	0.3	186	3
SA5090717	5	7	21	24	0.25	15	2.8	1.5	1.8	1.95	0.5	0.11	55	64	1.9	41.8	0.14	0.18	102	0.5

Appendix 1 - Open File 023I/0101

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
SA5090718	5	7	5	22	0.25	38	9.8	2.6	1.1	1.25	0.5	0.09	195	214	2.6	38.8	0.44	0.17	215	6
SA5090719	1	2	5	10	0.25	12	1.9	0.25	0.3	0.29	0.5	0.09	35	40	1.1	50.5	0.12	0.13	45	0.5
SA5090720	21	23	100	93	0.6	21	5.5	3.4	6.8	7.13	6	0.87	119	113	11.5	28.3	0.29	1.41	598	4
SA5090721	14	17	42	51	0.25	14	4.5	2.4	3.4	4.16	2	0.34	94	109	9.7	31.2	0.22	0.67	512	6
SA5090722	4	9	18	27	0.25	11	1.8	1	1.3	1.65	1	0.21	30	36	4.4	30.4	0.09	0.32	162	2
SA5090723	6	7	33	28	0.25	16	3	1.3	1.4	1.61	1	0.19	57	67	2.9	37.2	0.13	0.3	153	1
SA5090724	3	4	18	17	0.25	15	2.6	0.9	0.7	0.91	0.5	0.06	67	79	1.4	41.7	0.08	0.16	133	3
SA5090725	3	5	14	24	0.25	11	1.9	1.2	1.2	1.63	0.5	0.11	23	32	2.5	36.4	0.1	0.22	112	0.5
SA5090726	3	4	15	18	0.25	12	1.8	0.25	0.7	0.8	0.5	0.13	24	31	2.8	31	0.025	0.19	78	0.5
SA5090727	6	8	20	33	0.25	12	2.3	1.4	1.3	1.62	2	0.38	49	54	5.6	30	0.15	0.5	201	0.5
SA5090728	20	20	79	64	0.7	16	4.4	2.2	3.8	3.99	9	1.57	62	54	12.8	9.5	0.28	1.33	509	2
SA5090729	3	4	5	17	0.25	10	2	0.25	0.6	0.76	0.5	0.1	32	39	2.2	30.9	0.06	0.19	77	0.5
SA5090730	10	11	57	53	0.25	3	2.1	1.2	2	2.26	6	1.08	26	24	5.9	10.5	0.14	1.04	415	0.5
SA5090731	4	5	23	31	0.25	14	1.2	0.7	0.9	1.09	0.5	0.16	12	13	5.7	29.5	0.08	0.3	68	2
SA5090732	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090733	3	3	12	14	0.25	14	2.7	0.25	0.3	0.37	0.5	0.04	60	71	0.9	38.4	0.07	0.13	76	0.5
SA5090734	5	6	23	28	0.25	9	0.9	0.7	1	1.16	0.5	0.22	13	14	3.3	32.9	0.05	0.38	153	0.5
SA5090735	3	5	26	25	0.25	16	2.4	0.9	0.9	1.13	0.5	0.07	25	28	1.5	35.7	0.11	0.18	102	0.5
SA5090736	13	17	44	48	0.25	12	2	1.5	2.2	2.87	2	0.43	20	23	6.1	28.2	0.09	0.69	465	1
SA5090737	13	15	43	46	0.25	32	1.9	1	2.2	2.42	0.5	0.28	20	25	7	28.8	0.12	0.42	191	0.5
SA5090738	4	5	23	28	0.25	18	1.4	0.25	0.7	0.83	0.5	0.16	13	15	3.4	30.8	0.025	0.25	116	0.5
SA5090739	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090740	21	25	41	45	0.25	14	1.9	1	2.7	3.35	2	0.39	22	25	5.5	27.2	0.14	0.61	592	0.5
SA5090741	10	11	43	48	0.25	16	2.2	1.1	2.3	2.79	2	0.33	25	27	4.3	32.3	0.1	0.59	281	0.5
SA5090742	5	6	25	25	0.25	10	1.3	0.25	1.1	1.46	0.5	0.09	13	16	1.4	29.7	0.025	0.19	163	0.5
SA5090743	9	10	50	45	0.25	12	1.7	1.1	3.8	4.37	2	0.4	20	19	4.7	36.4	0.13	0.61	515	3
SA5090744	15	16	52	49	0.25	15	2.2	1.3	2.8	3.27	2	0.36	26	27	4.3	31	0.13	0.62	345	0.5
SA5090745	5	7	38	37	0.25	16	2	0.7	1.5	1.6	0.5	0.17	23	24	2.9	42.3	0.11	0.34	174	0.5
SA5090746	3	4	22	23	0.25	14	1.4	0.25	0.8	1.08	0.5	0.08	16	18	1.4	39.1	0.08	0.17	99	2
SA5090747	14	15	34	34	0.25	10	2.6	1.6	3	3.26	3	0.33	49	52	5.2	36.9	0.16	0.5	288	2
SA5090748	3	5	18	17	0.25	12	2.6	1.1	0.5	0.55	0.5	0.06	55	63	2.2	30.1	0.09	0.18	69	1
SA5090749	5	9	20	31	0.25	18	4.7	0.25	1.1	1.35	2	0.21	105	118	3.9	42.3	0.21	0.34	168	4
SA5090750	1	2	15	11	0.25	11	3.5	0.25	0.2	0.26	0.5	0.04	52	63	1	29	0.13	0.1	29	1
SA5090751	1	2	5	15	0.25	10	5.7	0.25	0.3	0.31	0.5	0.1	101	111	2.1	22	0.13	0.17	46	2
SA5090752	9	9	34	24	0.25	77	13.6	3.2	0.5	0.55	0.5	0.09	272	291	2.2	56.7	0.7	0.19	62	0.5
SA5090753	3	3	15	18	0.25	17	4.5	1.6	0.4	0.49	0.5	0.1	58	66	4.7	34.4	0.16	0.23	55	3
SA5090754	4	3	26	15	0.25	15	4	1.6	0.3	0.35	0.5	0.09	79	80	2.9	42.2	0.16	0.18	42	3
SA5090755	10	13	46	35	0.25	18	5.6	2.9	2.5	2.72	0.5	0.15	126	137	3.4	37.5	0.28	0.28	257	8
SA5090756	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090757	3	3	19	20	0.25	9	1.9	0.25	0.4	0.4	0.5	0.1	36	35	3.6	37.5	0.16	0.21	58	3
SA5090758	1	2	14	13	0.25	5	0.7	0.25	0.2	0.2	0.5	0.07	9	10	2.4	28.1	0.025	0.13	29	2
SA5090759	1	3	18	15	0.25	6	0.7	0.25	0.3	0.29	0.5	0.1	13	15	3.1	27.7	0.025	0.16	46	2
SA5090760	3	3	5	10	0.25	7	0.7	0.25	0.4	0.5	0.5	0.07	10	12	1.5	49	0.025	0.14	32	2
SA5090761	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090762	15	16	76	59	0.6	23	3.9	1.7	2.8	3.2	7	1.56	58	51	12.9	10.5	0.33	1.18	483	12
SA5090763	16	14	69	50	0.25	15	3.1	1.6	2.8	2.65	8	1.73	64	51	10.3	5.5	0.31	1.1	477	3
SA5090764	12	13	36	38	0.25	10	3.4	1	2.1	2.62	3	0.49	60	61	10.5	32	0.24	0.56	591	19
SA5090765	19	19	52	45	0.25	6	3.8	1.5	2.9	3.35	5	1.02	53	50	12	17	0.26	0.92	616	10
SA5090766	14	14	63	42	0.25	8	4	1.7	2.8	3.16	5	0.96	59	58	10.8	22.4	0.26	0.84	475	8
SA5090767	15	15	39	29	0.25	13	5.3	0.9	1.6	1.94	3	0.48	61	69	6.2	27.4	0.39	0.55	272	10
SA5090768	18	17	66	45	0.25	23	4.7	1.8	3.3	3.37	4	0.86	86	78	9.6	28.3	0.47	0.76	409	22
SA5090769	17	17	63	44	0.25	9	2.9	1.2	3.4	3.89	2	0.52	61	59	6.9	32.2	0.18	0.56	390	8
SA5090770	20	20	54	48	0.25	12	3.9	1.5	5.3	6.53	5	0.67	73	73	9.6	23.3	0.26	0.83	873	4
SA5090771	14	14	52	43	0.25	9	2.4	1.3	3.7	4.15	3	0.93	44	43	6.9	19.7	0.15	0.7	279	20
SA5090772	7	5	37	32	0.25	28	4.6	1.3	3.5	4.73	0.5	0.06	134	149	1.3	33	0.24	0.15	94	8
SA5090773	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090774	7	7	16	26	0.25	10	1.9	1.1	1.6	1.97	0.5	0.11	44	49	2.4	37.6	0.09	0.2	163	6
SA5090775	15	12	36	36	0.25	16	3.5	1.5	3.1	3.25	2	0.29	84	80	3.9	50	0.25	0.41	393	3
SA5090776	8	9	28	26	0.25	12	2	1	3.9	4.53	0.5	0.09	41	42	1.6	41.6	0.12	0.17	192	6

Appendix 1 - Open File 023I/0101

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
SA5090777	8	9	19	23	0.25	14	4.9	1.1	0.8	1.17	1	0.21	59	73	4.1	32.8	0.34	0.31	171	8
SA5090778	20	20	74	56	0.25	6	3.2	1.2	5	5.27	8	1.19	48	41	8.7	14.3	0.26	1.16	769	0.5
SA5090779	25	24	49	44	0.25	22	3.7	1.1	4.7	5.95	1	0.14	53	58	3.4	28.3	0.16	0.29	866	3
SA5090780	5	6	28	30	0.25	13	1.9	0.8	0.8	1.1	0.5	0.19	27	31	3.5	32.4	0.08	0.34	141	0.5
SA5090781	20	18	100	73	0.25	14	3.4	2	3.6	3.59	8	1.42	52	38	9.6	5.6	0.29	1.38	549	0.5
SA5090782	8	8	23	26	0.25	18	2.5	0.7	1.1	1.51	0.5	0.12	38	43	4.3	35.8	0.15	0.28	153	2
SA5090783	6	6	23	23	0.25	14	1.7	0.25	0.7	0.92	0.5	0.15	20	22	2.4	42.9	0.1	0.31	163	2
SA5090784	7	6	14	22	0.25	10	1.5	0.8	1.1	1.4	0.5	0.16	17	18	3.2	32.7	0.05	0.27	148	0.5
SA5090785	6	7	35	31	0.25	14	2.1	0.8	1.8	2.25	0.5	0.23	30	33	3.6	30.2	0.13	0.36	209	0.5
SA5090786	5	12	27	46	0.25	6	2.7	0.25	1.7	2.85	3	0.57	22	27	4.7	16.4	0.12	0.76	362	0.5
SA5090787	3	3	5	14	0.25	9	1.2	0.25	0.4	0.53	0.5	0.07	9	12	1.5	26.1	0.07	0.15	68	0.5
SA5090788	3	2	5	12	0.25	9	1.7	0.25	0.2	0.28	0.5	0.05	16	18	1	29.9	0.06	0.13	50	0.5
SA5090789	6	6	18	22	0.25	12	1.6	0.25	0.6	0.84	0.5	0.16	26	30	3.8	29.8	0.11	0.29	123	0.5
SA5090790	8	9	20	25	0.25	11	2.3	0.7	1.7	2.23	0.5	0.09	31	36	2.6	26.5	0.13	0.19	312	0.5
SA5090791	9	9	17	16	0.25	7	1	0.25	1.3	1.59	0.5	0.07	15	17	1.3	43.9	0.07	0.16	136	0.5
SA5090792	9	9	5	17	0.25	7	0.9	0.25	1.4	1.82	0.5	0.06	15	15	1	42.2	0.06	0.14	115	0.5
SA5090793	8	7	13	18	0.25	4	1.3	0.25	0.8	0.95	1	0.2	24	26	2.6	24.5	0.08	0.3	164	0.5
SA5090794	4	4	23	19	0.25	16	1.4	0.8	0.6	0.76	0.5	0.08	22	25	1.5	41.1	0.06	0.14	78	0.5
SA5090795	12	11	54	34	0.25	11	2.4	0.25	2.2	2.31	3	0.39	67	62	4.9	44.2	0.17	0.54	283	3
SA5090796	-9	9	-9	37	-9	12	2.8	-9	-9	4.35	-9	0.39	-9	64	4.4	34.1	-9	0.49	388	-9
SA5090797	3	2	5	7	0.25	6	0.9	0.25	0.8	0.19	2	0.03	23	25	0.8	21.6	0.07	0.08	28	2
SA5090798	1	6	5	23	0.25	6	1.2	0.25	0.2	1.13	0.5	0.35	20	27	4.9	19	0.07	0.38	147	2
SA5090799	3	4	5	15	0.25	8	0.8	0.25	0.9	1.26	0.5	0.07	17	19	1.5	27.6	0.07	0.16	78	0.5
SA5090800	7	7	33	27	0.25	14	2.6	0.9	1	1.22	0.5	0.16	51	58	3.4	37.5	0.11	0.29	151	4
SA5090801	4	5	34	29	0.25	13	3.7	1	0.8	1.01	0.5	0.17	59	66	3.4	34.1	0.19	0.29	146	3
SA5090802	16	17	37	42	0.25	9	3.5	1.5	3	3.81	3	0.47	57	62	6.3	28.5	0.21	0.62	606	5
SA5090803	10	10	41	31	0.25	14	3	1.4	4	4.53	0.5	0.17	66	66	3	45.1	0.26	0.28	304	11
SA5090804	7	7	22	24	0.25	18	3.2	1.8	1.6	1.88	0.5	0.11	54	62	2.4	38.7	0.17	0.21	135	0.5
SA5090805	15	16	98	59	0.25	0.5	3.5	2.1	3.9	3.58	11	1.52	50	40	10.3	4.5	0.35	1.3	623	0.5
SA5090806	5	6	20	30	0.25	10	2.3	0.25	1.8	2.22	0.5	0.14	36	42	3.6	43.1	0.12	0.29	165	1
SA5090807	5	5	24	20	0.25	13	1.4	0.9	0.9	1.17	0.5	0.09	22	26	2.1	47.1	0.06	0.15	109	0.5
SA5090808	3	4	13	18	0.25	9	0.9	0.25	0.5	0.76	0.5	0.15	16	19	4.2	24.1	0.05	0.23	67	0.5
SA5090809	3	4	20	16	0.25	9	1.7	0.6	0.5	0.68	0.5	0.08	25	29	2.1	31.4	0.09	0.16	91	0.5
SA5090810	6	7	32	31	0.25	12	2.7	1	1.2	1.52	1	0.24	33	35	3.8	35.1	0.16	0.36	174	1
SA5090811	6	7	26	27	0.25	9	2	0.6	1.1	1.38	1	0.23	24	26	3.6	34	0.13	0.34	177	0.5
SA5090812	10	12	33	37	0.25	18	2.8	0.7	1.9	2.38	1	0.35	35	38	5.7	31.8	0.16	0.48	337	2
SA5090813	2	3	11	13	0.25	8	1.3	0.25	0.8	1.03	0.5	0.07	17	19	1.6	37.5	0.08	0.15	102	0.5
SA5090814	10	10	41	32	0.25	40	1.4	0.7	1.3	1.78	0.5	0.14	18	21	3.8	43.4	0.1	0.36	270	0.5
SA5090815	20	18	79	68	0.8	42	1.9	1	3.9	3.82	3	0.72	27	23	10.9	29.7	0.25	1.14	450	0.5
SA5090816	30	27	170	126	2.5	58	3.1	1.5	5.9	5.81	5	1.78	40	31	26.5	4	0.35	1.93	631	2
SA5090817	12	12	20	20	0.25	28	0.8	0.25	1.7	1.94	0.5	0.06	10	11	1.4	61.1	0.09	0.25	246	1
SA5090818	4	5	25	27	0.25	9	2.2	1	2.8	3.59	0.5	0.13	35	39	4.2	38.8	0.11	0.29	194	0.5
SA5090819	13	16	79	72	0.5	19	2.2	0.8	2.6	3.42	3	0.72	25	28	11.5	15.2	0.19	1.06	508	0.5
SA5090820	13	14	53	50	0.6	41	1.5	0.25	2.3	2.76	1	0.34	18	19	7.6	46.5	0.12	0.55	336	0.5
SA5090821	24	21	95	78	0.5	8	2.1	1	4.4	4.77	4	1.06	27	22	12.5	6.5	0.2	1.41	826	0.5
SA5090822	24	21	110	85	0.25	4	2.3	1.1	4.6	4.28	7	1.11	32	25	11.7	4.2	0.26	1.6	983	0.5
SA5090823	16	17	61	63	0.25	14	2.3	1	3.5	4.36	3	0.59	29	29	8.1	18.2	0.17	0.95	542	1
SA5090824	7	8	23	32	0.25	22	1.5	0.25	0.9	1.13	0.5	0.18	20	23	5.5	25.6	0.12	0.36	171	0.5
SA5090825	31	31	130	111	1.4	44	3.6	1.3	5.7	6.62	4	1.43	43	41	20.4	9.1	0.31	1.68	836	0.5
SA5090826	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090827	13	13	73	56	0.25	7	2.5	1.2	3.5	3.85	6	0.89	35	31	7.2	26.8	0.22	0.99	548	0.5
SA5090828	16	16	71	56	0.25	16	2.5	0.9	3.3	3.34	5	0.99	39	33	7.9	21.3	0.26	1.01	463	2
SA5090829	3	4	18	20	0.25	10	1.4	0.25	0.6	0.67	0.5	0.11	23	27	3.5	34.9	0.1	0.19	77	0.5
SA5090830	10	10	41	40	0.25	10	2.7	1.2	4	4.43	2	0.37	45	43	6.1	38.7	0.2	0.53	312	2
SA5090831	10	9	50	29	0.25	15	2.6	0.25	1.7	1.88	1	0.2	48	46	5	44.3	0.19	0.34	192	0.5
SA5090832	4	5	29	23	0.25	15	3.1	1	0.7	0.81	0.5	0.08	59	62	2.7	40.4	0.21	0.19	94	0.5
SA5090833	4	5	25	26	0.25	8	1.4	0.25	0.7	1.05	0.5	0.21	26	31	6	23.5	0.07	0.32	138	0.5
SA5090834	2	4	17	20	0.25	14	1.9	0.7	0.7	0.76	0.5	0.08	31	40	2.4	33.3	0.08	0.17	73	0.5
SA5090835	19	22	110	77	0.25	22	4.2	1.1	4.2	4.28	9	1.36	66	55	15.1	11.2	0.39	1.5	592	2

Appendix 1 - Open File 023I/0101

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
SA5090836	4	7	29	34	0.25	35	3.5	0.25	1.1	1.47	1	0.29	58	70	6.6	38.1	0.17	0.43	209	0.5
SA5090837	6	7	32	23	0.25	14	4	1.3	1	1.05	0.5	0.09	91	102	2.3	50.2	0.27	0.2	84	3
SA5090838	6	6	5	22	0.25	7	0.9	0.25	1.9	2.43	0.5	0.12	16	18	2.1	57.6	0.08	0.2	131	0.5
SA5090839	3	4	16	20	0.25	11	1.4	0.25	0.5	0.62	0.5	0.11	22	26	3.4	34.6	0.07	0.19	74	0.5
SA5090840	1	2	5	12	0.25	10	0.6	0.25	0.2	0.25	0.5	0.06	9	11	1.4	26.5	0.05	0.13	50	0.5
SA5090841	4	4	13	20	0.25	10	1.5	0.25	0.6	0.75	0.5	0.11	17	21	2.8	24.2	0.09	0.21	101	0.5
SA5090842	5	6	25	28	0.25	17	2.2	0.7	0.7	0.94	0.5	0.14	27	31	3.9	25.1	0.13	0.28	133	0.5
SA5090843	1	1	11	11	0.25	11	0.3	0.25	0.6	0.66	0.5	0.04	5	5	0.6	88.1	0.025	0.1	61	0.5
SA5090844	8	8	30	30	0.25	15	2.4	1.1	2.2	2.37	0.5	0.11	41	40	3.4	45.4	0.19	0.26	128	1
SA5090845	10	20	72	61	0.25	9	3.2	1.7	3.9	4.69	6	0.69	40	38	8.1	29.5	0.24	1.09	582	0.5
SA5090846	18	19	37	32	0.25	13	2.7	1.1	4.8	6.03	2	0.29	41	46	4.9	31.9	0.19	0.42	1280	6
SA5090847	8	9	34	32	0.25	12	2.5	1.3	2.2	2.8	1	0.2	45	48	4.2	37.2	0.18	0.33	205	4
SA5090848	11	13	30	36	0.25	16	3.1	1	2.8	3.46	1	0.32	45	48	4.2	33.2	0.2	0.46	310	2
SA5090849	5	5	24	21	0.25	9	0.9	0.7	0.8	1.12	0.5	0.18	19	20	2.7	31.9	0.07	0.28	141	0.5
SA5090850	7	6	26	17	0.25	16	3.3	0.8	0.3	0.43	0.5	0.05	31	39	1.3	32.6	0.23	0.12	47	0.5
SA5090851	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090852	16	17	81	69	0.25	11	2.2	1.1	3.5	3.86	4	0.97	29	26	10.2	12.9	0.22	1.15	603	0.5
SA5090853	12	13	18	21	0.25	14	0.9	0.25	1.5	2.02	0.5	0.06	8	10	1.3	48	0.06	0.16	163	0.5
SA5090854	-9	6	-9	17	-9	15	1.4	-9	-9	0.39	-9	0.05	-9	25	1.4	38.7	-9	0.13	68	-9
SA5090855	5	6	22	18	0.25	15	1.5	0.5	0.3	0.39	0.5	0.05	22	26	1.4	38.5	0.14	0.13	69	2
SA5090856	5	6	35	23	0.25	13	2.9	0.25	0.9	1.27	0.5	0.14	45	59	2.6	36.5	0.13	0.23	136	4
SA5090857	4	4	19	15	0.25	10	1.1	0.25	0.5	0.53	0.5	0.07	18	22	2	39.2	0.08	0.14	55	1
SA5090858	3	4	5	20	0.25	20	2.9	0.25	0.2	0.39	0.5	0.23	9	28	4.3	57	0.05	0.25	81	0.5
SA5090859	12	16	55	47	0.25	2	3.5	1.5	2.7	3.07	9	1.1	50	47	9.8	15.8	0.29	1.04	544	1
SA5090860	9	15	51	44	0.25	3	3.1	1	2.2	2.72	5	0.92	48	44	8.8	22.3	0.22	0.95	492	2
SA5090861	4	5	31	29	0.25	24	2.9	1.3	0.7	0.97	0.5	0.14	65	75	3.6	32.3	0.17	0.23	69	4
SA5090862	6	7	31	28	0.25	19	4	1.4	0.7	0.84	1	0.16	65	73	3.8	38.1	0.27	0.3	154	4
SA5090863	3	2	18	22	0.25	7	0.5	0.25	0.3	0.36	0.5	0.06	15	17	1.8	34.8	0.025	0.14	37	2
SA5090864	6	7	26	31	0.25	9	1.7	0.7	1	1.18	1	0.24	28	31	4.9	32.1	0.08	0.33	126	2
SA5090865	1	3	5	17	0.25	7	0.3	0.25	0.3	0.38	0.5	0.09	8	10	1.7	46.2	0.025	0.16	57	3
SA5090866	-9	14	-9	48	-9	17	3.6	-9	-9	2.51	-9	0.62	-9	67	10.8	30.3	-9	0.82	339	-9
SA5090867	6	8	25	24	0.25	10	2.7	0.25	1.2	1.47	1	0.31	61	73	5.6	32.9	0.17	0.41	153	0.5
SA5090868	5	6	31	31	0.25	12	2.6	1.1	0.9	1.04	2	0.26	63	65	5	37.3	0.19	0.4	144	4
SA5090869	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090870	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090871	15	18	85	61	0.6	24	4.3	2.3	2.8	2.91	8	1.6	85	73	13.4	9.4	0.35	1.18	459	2
SA5090872	4	4	21	22	0.25	12	2	0.7	0.5	0.71	0.5	0.11	40	46	4.2	31.6	0.14	0.2	57	4
SA5090873	4	6	24	29	0.25	17	2.5	0.25	1.3	1.56	2	0.33	65	71	6.9	28.5	0.16	0.44	152	7
SA5090874	1	2	16	16	0.25	10	1.4	0.6	0.3	0.29	0.5	0.07	40	44	2.5	30.5	0.09	0.17	34	3
SA5090875	2	3	13	14	0.25	6	1.8	0.8	0.4	0.46	0.5	0.07	44	50	1.9	32.1	0.13	0.15	44	3
SA5090876	3	5	27	28	0.25	7	1.6	0.25	0.7	0.91	1	0.37	49	53	5.3	26.4	0.12	0.41	131	3
SA5090877	7	6	5	17	0.25	14	3.2	1.1	0.8	0.8	0.5	0.06	46	51	1.8	37.5	0.2	0.14	80	0.5
SA5090878	7	7	22	21	0.25	21	4.1	1.6	0.9	1.13	0.5	0.06	75	91	2.3	36.1	0.14	0.17	110	3
SA5090879	1	2	18	16	0.25	11	1.3	0.25	0.3	0.37	0.5	0.07	35	43	2.4	29.8	0.08	0.17	37	4
SA5090880	4	5	13	18	0.25	17	1.7	0.9	0.6	0.73	0.5	0.09	32	37	2.2	39.4	0.11	0.19	87	0.5
SA5090881	4	6	13	22	0.25	9	2	1	0.9	1.22	1	0.17	31	37	4.1	33.4	0.13	0.31	150	0.5
SA5090882	5	5	5	18	0.25	24	2.2	0.8	0.5	0.63	0.5	0.07	33	38	2.2	30.6	0.15	0.17	96	0.5
SA5090883	6	7	35	38	1	44	2.9	0.25	1.3	1.72	0.5	0.24	20	22	6.8	21.2	0.18	0.23	100	0.5
SA5090884	24	25	57	62	1.1	67	3.7	1.1	2	2.64	1	0.45	19	21	12.8	25	0.28	0.43	201	0.5
SA5090885	49	46	130	118	2.2	119	6.3	1.9	5.7	6.59	3	1.03	42	40	22.8	12.8	0.53	1.08	816	3
SA5090886	17	14	53	48	1.1	74	3.4	0.9	16.8	19.67	0.5	0.18	23	22	5.5	24.5	0.32	0.2	191	0.5
SA5090887	46	42	73	65	0.8	149	7.7	2.2	7.2	8.19	2	0.32	48	49	8.8	34.7	0.61	0.35	446	3
SA5090888	13	12	24	34	0.5	87	2.7	0.9	1.4	1.58	0.5	0.19	17	20	5.4	40.6	0.18	0.24	130	0.5
SA5090889	43	38	81	67	1.1	114	5.8	1.4	5.4	6.12	2	0.46	41	39	11.3	31.3	0.47	0.5	464	1
SA5090890	37	33	79	80	0.8	251	2.6	0.9	11.5	13.76	0.5	0.28	22	22	6.8	33.5	0.34	0.33	201	2
SA5090891	35	33	75	69	0.8	91	3.6	1.2	3.2	3.89	2	0.68	23	23	13.9	24.8	0.27	0.77	378	5
SA5090892	11	8	64	72	0.6	158	1.2	0.9	38	35.72	1	0.13	18	9	2.7	30.8	0.26	0.25	359	0.5
SA5090893	42	39	85	75	2	134	5.3	1.8	4.1	4.86	2	0.61	45	46	15.1	34.2	0.4	0.53	381	2
SA5090894	52	44	77	64	0.8	144	7.2	2.2	7	7.78	1	0.34	49	47	9.2	33.9	0.6	0.39	417	2

Appendix 1 - Open File 023I/0101

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
SA5090895	8	9	37	45	1.3	79	3.1	0.25	1.4	1.73	1	0.49	16	18	11.1	30.7	0.2	0.42	163	0.5
SA5090896	86	65	350	253	1.2	297	4	1	20.5	19.7	3	0.69	30	25	19	20.8	0.38	1.6	2716	4
SA5090897	6	7	26	18	0.25	38	0.6	0.25	1.7	2.4	0.5	0.05	3	4	1.8	44.5	0.025	0.14	89	0.5
SA5090898	28	26	120	118	2.6	199	4.2	1.2	8	8.47	3	1.01	28	28	24.1	32.6	0.44	1.04	1217	7
SA5090899	24	22	130	94	1.7	64	2.3	1	4.4	4.43	4	1.26	29	21	19.3	16.7	0.33	1.76	585	0.5
SA5090900	229	204	82	79	1	243	5.5	1.6	10	12.07	1	0.36	42	45	10.1	25.3	0.47	0.72	997	2
SA5090901	57	49	140	117	1.8	201	5.4	1.8	8.5	9.22	3	0.93	46	42	20.2	18.8	0.53	1.25	2703	9
SA5090902	120	98	140	116	1.3	201	5.4	1.7	10	10.89	2	0.55	44	41	13.3	23.3	0.46	0.98	763	3
SA5090903	18	18	70	53	1.1	148	4	1.6	2.2	2.54	2	0.4	37	38	12.8	35.2	0.29	0.58	274	0.5
SA5090904	96	81	110	88	1.9	163	6.2	1.8	7.9	8.35	3	0.88	52	47	18.7	19.5	0.54	0.95	1855	5
SA5090905	3	4	22	18	0.25	53	0.9	0.25	0.3	0.31	0.5	0.04	8	8	0.5	94.9	0.11	0.05	49	0.5
SA5090906	36	30	100	87	1.8	142	9.2	1.6	11.6	12.65	3	0.88	38	38	21.8	22	0.37	0.95	15620	4
SA5090907	24	24	5	24	0.25	44	3	1.1	3	3.88	0.5	0.07	26	31	2.5	38.5	0.19	0.19	179	0.5
SA5090908	67	57	120	104	1.5	126	5.2	1.1	7.6	8.25	3	0.81	43	40	16.1	18.5	0.42	1.07	1154	3
SA5090909	16	17	67	52	1.7	131	3.9	0.7	2.6	3.21	2	0.85	26	29	15.7	28.2	0.33	0.6	260	3
SA5090910	7	7	26	18	0.25	39	1.8	0.25	0.8	1.03	0.5	0.12	11	12	2.8	41	0.13	0.18	96	1
SA5090911	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090912	8	8	57	55	1.5	54	3	0.6	1.9	2.1	2	0.7	20	21	16.3	36.2	0.29	0.54	213	2
SA5090913	10	10	51	43	1.3	29	2.3	0.8	2.2	2.29	2	0.63	18	17	11.3	42.9	0.17	0.45	238	2
SA5090914	10	10	57	56	1.3	70	5.6	1	3.3	3.74	2	0.7	36	37	16.3	28.5	0.43	0.52	253	3
SA5090915	55	48	92	84	2.5	79	5.6	1.5	7.2	7.93	3	1.06	38	36	24.2	20.7	0.47	0.79	947	3
SA5090916	9	9	44	46	1	66	2.9	0.25	1.8	2.09	2	0.39	19	20	9	44	0.2	0.36	137	2
SA5090917	40	35	140	107	1.2	61	4	1.7	5.7	5.79	4	1.03	36	29	16.3	10.2	0.38	1.34	734	2
SA5090918	8	10	61	54	0.9	100	2.2	0.8	1.5	1.66	1	0.36	14	15	10.1	47.5	0.18	0.45	168	0.5
SA5090919	20	20	100	90	1.7	118	3.5	0.8	5.8	6.45	3	0.75	28	26	17.9	28.4	0.31	0.79	998	3
SA5090920	10	11	70	67	1.5	110	2.6	0.6	2.1	2.37	1	0.52	17	18	14.4	43.3	0.23	0.63	185	2
SA5090921	28	22	61	59	1	58	2.4	0.9	5.2	5.22	2	0.48	19	16	10.8	36.7	0.3	0.64	679	12
SA5090922	52	40	120	87	2.1	75	4	1.5	8.2	7.76	5	1.28	40	29	24.4	36.7	0.47	1.2	568	21
SA5090923	39	37	97	81	2.2	54	3.9	0.9	5	5.7	4	1.29	33	28	25.2	15.3	0.35	1	580	0.5
SA5090924	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090925	190	160	99	91	2.4	118	6.9	1.8	7.2	7.81	2	0.94	60	54	26.9	18.6	0.6	0.9	1623	4
SA5090926	27	24	77	60	1.3	115	5.7	1.9	7.1	7.77	2	0.79	36	34	12.8	33.2	0.52	0.44	278	2
SA5090927	74	66	75	84	2.3	231	11	3.1	11.6	13.27	3	0.95	67	70	23.8	19.3	0.79	0.67	3525	10
SA5090928	10	11	60	58	1.5	107	3.9	1.3	2.5	2.94	2	0.5	24	26	11.8	39.8	0.3	0.45	301	6
SA5090929	18	18	59	67	1.7	99	2.8	0.6	2.6	3.34	0.5	0.6	18	19	14	23.7	0.21	0.58	210	0.5
SA5090930	18	14	33	37	0.25	97	3.6	1.2	23	24.08	0.5	0.07	33	29	2.4	36.2	0.32	0.16	189	0.5
SA5090931	6	6	32	26	0.6	69	4.2	0.25	1	1.16	0.5	0.19	9	9	3.4	32.8	0.22	0.07	90	0.5
SA5090932	9	10	32	36	0.8	93	2.4	0.8	2.4	3.07	0.5	0.24	25	27	6.9	37.6	0.15	0.36	173	2
SA5090933	29	27	100	90	1.9	82	4	1.2	7.8	8.54	3	0.9	37	33	21.4	24.3	0.41	0.88	1041	2
SA5090934	22	20	92	75	1.3	242	9	2.7	5	5.79	3	0.79	121	122	16	31.2	0.64	0.86	515	2
SA5090935	7	5	5	15	0.25	44	1.8	0.25	1.6	1.69	0.5	0.09	12	13	2.7	34.2	0.12	0.15	70	0.5
SA5090936	41	35	170	127	3.9	95	3.7	1.5	7.8	7.29	5	2.1	44	31	38	5.7	0.49	1.67	739	2
SA5090937	13	12	39	33	0.5	52	2.6	0.25	2	2.15	0.5	0.24	20	20	6.2	48.9	0.24	0.41	384	1
SA5090938	3	3	5	9	0.25	14	0.3	0.25	0.9	1.04	0.5	0.02	3	3	0.4	95.1	0.05	0.07	77	1
SA5090939	33	27	140	97	3.1	54	4.3	1.2	5.4	5.16	6	1.83	41	27	32.6	4.7	0.43	1.33	523	0.5
SA5090940	70	57	160	130	3.6	151	4.7	1.4	9	9.43	4	1.79	47	37	35.8	8.8	0.52	1.55	3943	5
SA5090941	11	12	62	62	0.7	53	1.7	0.6	2.4	2.76	1	0.42	16	16	8.9	38.8	0.17	0.6	253	4
SA5090942	19	20	91	91	1.8	103	3.1	1.1	4.3	5.14	2	0.89	26	27	22.1	27.5	0.26	0.83	329	0.5
SA5090943	8	9	55	55	1	67	2.2	0.25	1.8	2.3	1	0.48	16	17	11.8	32.2	0.17	0.52	253	0.5
SA5090944	9	10	40	41	0.8	46	1.8	0.25	1.6	1.85	1	0.31	15	15	7.3	54.4	0.16	0.42	179	2
SA5090945	26	23	93	79	1.2	45	2.5	1.4	5.1	4.79	4	0.92	36	27	13.6	13.3	0.34	1.08	595	2
SA5090946	14	15	69	63	1.5	73	3.8	0.8	2.6	3.17	2	0.66	27	30	15	28.7	0.2	0.56	446	2
SA5090947	8	9	37	42	1	36	2.9	0.25	1.5	1.91	1	0.47	18	20	11.8	27.6	0.13	0.34	210	0.5
SA5090948	10	10	41	40	1.3	47	3.8	0.8	1.7	2.02	1	0.47	24	25	13.8	30.6	0.2	0.25	151	0.5
SA5090949	9	10	40	38	0.8	96	2.9	0.25	1.9	2.28	1	0.38	21	20	5.3	54.1	0.23	0.45	329	3
SA5090950	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090951	35	30	130	93	2.7	85	4.7	1.5	7	7.16	5	1.47	45	35	25.3	9	0.44	1.23	1720	4
SA5090952	5	5	16	25	0.6	55	3.2	0.25	0.9	1.2	0.5	0.31	18	20	5.7	30.9	0.14	0.17	198	1
SA5090953	16	15	64	49	1.2	63	4.6	1.4	5.2	5.29	3	0.84	44	36	12	27.4	0.36	0.61	377	3
SA5090954	6	7	60	53	1.9	37	4	1	1.8	2.16	2	0.93	25	23	15.3	36	0.24	0.39	184	0.5

Appendix 1 - Open File 023I/0101

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
SA5090955	4	2	5	12	0.25	30	2.1	0.25	0.8	0.8	0.5	0.005	7	6	0.05	92.7	0.08	0.005	46	3
SA5090956	44	37	120	80	2.8	47	4.8	1.3	8.2	7.96	5	1.55	41	34	25.2	5.4	0.38	1.05	4545	1
SA5090957	21	18	110	81	3.5	40	3.6	1.1	6.2	5.42	6	2.02	39	26	27.3	3.6	0.37	1.13	461	0.5
SA5090958	20	16	100	59	1.9	21	3.2	1.2	6.4	5.5	5	1.47	36	23	16.5	4	0.3	0.82	3768	2
SA5090959	22	18	88	64	2	41	4.4	1.1	6.9	7.04	4	1.21	45	35	21.7	22.6	0.34	0.84	525	6
SA5090960	6	7	23	28	0.9	19	2.7	0.25	1.2	1.56	1	0.5	16	16	8.3	31.9	0.13	0.26	252	0.5
SA5090961	18	16	71	58	1.7	28	3.4	0.8	4.7	5.2	3	1.11	24	20	17	30.6	0.24	0.68	436	2
SA5090962	14	11	17	16	0.25	24	2.9	0.25	1	1.06	0.5	0.08	13	13	0.6	59.3	0.13	0.05	148	3
SA5090963	14	13	72	58	1.6	17	3.2	1.1	4.2	4.28	3	1.18	26	19	15.1	21.9	0.27	0.71	435	0.5
SA5090964	3	3	11	11	0.25	8	1.4	0.25	1.6	1.98	0.5	0.13	3	2	0.5	90.5	0.025	0.005	109	1
SA5090965	-9	13	-9	39	-9	11	1.9	-9	-9	2.43	-9	0.46	-9	11	5.7	-9	-9	0.5	511	-9
SA5090966	12	17	23	73	0.25	23	3.4	0.25	2	5.81	0.5	1.44	11	20	17	45.4	0.07	1.07	807	2
SA5090967	15	3	57	14	0.6	19	1.7	0.25	2.6	1.51	3	0.1	15	5	0.05	42.5	0.12	0.005	149	0.5
SA5090968	12	11	75	63	1.2	38	1.9	0.25	3.2	3.22	2	0.78	23	20	13.1	40	0.19	0.7	365	0.5
SA5090969	20	17	110	85	1.9	24	1.9	1.1	6.2	5.81	5	1.45	29	20	18.1	3	0.27	1.19	800	0.5
SA5090970	3	3	17	16	0.25	19	0.5	0.25	1.2	1.53	0.5	0.12	6	5	1.8	91.1	0.07	0.16	149	1
SA5090971	12	13	65	56	1.9	24	2.2	0.9	3.4	3.69	3	1.07	24	17	16.8	36.6	0.27	0.72	343	1
SA5090972	12	13	84	70	2.5	17	2.2	1.1	3.3	3.49	4	1.54	31	21	23.1	16.1	0.31	0.95	396	0.5
SA5090973	11	12	73	71	1.5	29	2	0.8	3.5	3.68	3	1.02	26	20	16.8	32.6	0.24	0.84	406	1
SA5090974	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090975	5	7	22	9	0.25	48	6.1	2.6	0.6	0.67	1	0.02	114	121	0.9	85.7	0.44	0.22	199	0.5
SA5090976	18	18	12	13	0.25	65	1.9	0.25	2.5	2.55	1	0.05	24	25	1.5	60.7	0.16	0.16	211	2
SA5090977	6	6	21	34	0.8	23	1.9	0.8	1.8	2.32	0.5	0.47	12	12	9.2	29.1	0.2	0.45	193	2
SA5090978	10	9	38	36	1.1	102	2.9	0.6	2.1	2.28	1	0.38	30	31	8.8	55.9	0.3	0.43	168	4
SA5090979	19	18	100	90	2.6	88	2.8	1.1	4.8	5.12	4	1.58	35	25	23.5	11	0.42	1.17	419	5
SA5090980	11	11	84	72	1.6	28	2.2	0.9	3.1	3.34	3	1.04	27	20	16.7	31.3	0.27	0.86	388	1
SA5090981	12	12	57	53	1.1	79	3.6	0.9	2.7	3.01	2	0.91	32	28	13.2	18.7	0.35	0.66	306	2
SA5090982	12	11	58	54	1.2	64	1.6	0.6	2.6	2.51	2	0.7	16	13	13.2	48.5	0.21	0.73	211	3
SA5090983	29	23	150	120	4	62	3.1	1.4	7.6	7	5	2.17	41	30	37.1	3.4	0.41	1.52	816	0.5
SA5090984	11	9	15	15	0.25	13	0.2	0.25	2.2	2.23	0.5	0.08	3	2	1.8	67.8	0.025	0.19	284	3
SA5090985	7	7	48	43	1.3	132	2.7	0.25	1.7	1.93	1	0.61	18	20	11.8	29.9	0.2	0.48	170	0.5
SA5090986	15	16	71	74	1.8	79	3	0.25	4.9	5.12	3	0.91	21	20	20.1	32.5	0.51	0.7	500	3
SA5090987	23	21	110	95	3	39	2.8	0.8	6.2	6.07	5	1.79	32	26	27.8	9.9	0.4	1.12	651	0.5
SA5090988	10	12	72	67	1.6	40	3.5	1	3.6	4.09	3	1.22	29	24	22.3	21.3	0.38	0.8	421	2
SA5090989	23	18	130	101	4.2	51	3.1	1.2	5.6	5.35	5	2.65	38	25	35	2.2	0.44	1.29	437	3
SA5090990	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090991	9	10	48	55	1.3	62	2.7	0.6	3.1	3.53	2	0.79	22	20	13.7	28.1	0.3	0.61	375	2
SA5090992	24	20	39	43	1	91	2.7	0.7	3.9	4.2	2	0.4	31	29	7.9	56.9	0.34	0.35	277	5
SA5090993	11	9	48	45	1.7	120	3.8	0.9	1.7	2.02	2	0.53	41	43	14	31.3	0.33	0.44	138	0.5
SA5090994	10	9	34	36	0.9	204	4.4	0.25	3.3	3.77	1	0.26	45	47	6.4	42.5	0.39	0.29	479	5
SA5090995	7	7	21	21	0.25	103	3.4	0.25	0.7	0.85	0.5	0.12	23	28	3.1	41.9	0.27	0.15	72	2
SA5090996	5	5	29	25	0.25	31	0.6	0.25	2.3	2.63	0.5	0.18	8	9	2.7	81.9	0.12	0.26	223	2
SA5090997	12	13	47	40	0.7	29	1.7	0.25	5.2	6.88	1	0.4	14	18	7.2	35.9	0.13	0.52	471	2
SA5090998	3	3	16	23	0.25	51	1.2	0.25	0.6	0.63	0.5	0.05	9	10	0.9	90.9	0.07	0.06	83	1
SA5090999	3	3	5	7	0.25	9	0.3	0.25	0.9	1.09	0.5	0.04	3	3	0.5	84.9	0.025	0.07	181	0.5
SA5091000	7	6	33	39	1.4	48	1.4	0.6	2	1.98	2	0.67	14	12	10.5	53.9	0.26	0.58	138	0.5
SA5091001	16	15	91	75	1.4	29	2.1	1.1	3.1	3.26	5	1.35	31	20	15.5	12.5	0.3	1.06	394	3
SA5091002	-9	5	-9	15	-9	38	0.3	-9	-9	1.57	-9	0.1	-9	5	2	-9	-9	0.23	189	-9
SA5091003	3	3	19	21	0.25	41	0.8	0.25	0.7	0.91	0.5	0.18	9	11	4	35.7	0.09	0.26	116	0.5
SA5091004	8	7	26	32	0.25	58	1.3	0.25	1.1	1.35	0.5	0.26	14	15	6.3	39.5	0.13	0.35	167	0.5
SA5091005	19	17	78	68	2.2	22	2.5	0.9	7.8	8.22	4	1.4	30	20	19.6	17.3	0.33	0.89	895	3
SA5091006	12	12	92	73	1.7	25	2.2	1.1	3.9	3.86	4	1.5	30	21	19.6	10.7	0.29	0.94	386	1
SA5091007	13	12	48	53	0.6	82	1.5	0.9	2.1	2.17	0.5	0.26	19	20	6.7	66.5	0.15	0.47	242	4
SA5091008	3	2	5	6	0.25	12	0.1	0.25	0.6	0.69	0.5	0.02	2	2	0.3	96	0.025	0.02	43	4
SA5091009	20	17	99	70	2	24	2.7	1	6.6	6.17	6	1.55	34	20	18.1	2.7	0.3	0.95	1713	1
SA5091010	6	6	36	37	1	27	2.4	0.6	2.2	2.78	2	0.66	23	21	14.2	36.3	0.21	0.6	390	0.5
SA5091011	6	6	41	23	0.7	136	13.9	4.9	2.1	2.73	2	0.24	193	228	8.1	30.5	0.58	0.26	84	0.5
SA5091012	37	31	29	28	0.6	66	2.7	1	5.2	5.93	0.5	0.26	39	39	5.8	55	0.25	0.32	318	2
SA5091013	26	22	120	102	4.2	47	2.4	1.2	4.8	4.89	6	2.42	40	25	33.2	5.9	0.37	1.33	400	1

Appendix 1 - Open File 023I/0101

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
SA5091014	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091015	12	11	68	59	1.9	56	5	1.3	3	3.6	3	0.85	29	28	17.3	29.6	0.54	0.54	433	6
SA5091016	1	2	5	15	0.25	49	3.4	0.8	0.3	0.33	0.5	0.1	14	16	2.8	28.6	0.24	0.12	60	0.5
SA5091017	18	16	100	83	2.8	33	2.5	1.1	7.6	6.34	4	1.67	29	22	27.5	10.4	0.32	1.24	451	2
SA5091018	3	3	5	13	0.25	73	1.6	0.25	0.6	0.6	0.5	0.07	16	21	2	24.7	0.08	0.09	42	0.5
SA5091019	58	53	5	12	0.25	21	2.1	0.5	3.2	4.03	0.5	0.06	11	12	1.9	27	0.1	0.11	411	0.5
SA5091020	6	6	21	28	0.7	37	3	1.1	3.1	3.69	0.5	0.38	24	27	9.8	38.7	0.26	0.52	366	0.5
SA5091021	23	21	48	53	1.3	86	3.7	0.9	5.2	5.6	2	0.65	33	32	10.6	48.8	0.41	0.47	341	7
SA5091022	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	75.1	-9	-9	-9	-9
SA5091023	9	10	18	28	0.8	39	2.1	0.25	1.1	1.52	0.5	0.29	13	16	6.7	26	0.13	0.29	481	0.5
SA5091024	19	18	75	65	2	87	3.3	0.9	2.7	3.14	3	1.07	36	35	19.1	18.9	0.29	0.9	504	0.5
SA5091025	1	0.5	5	7	0.25	38	0.6	0.25	0.2	0.17	0.5	0.02	5	6	0.4	40.9	0.12	0.1	35	0.5
SA5091026	13	12	58	50	1.6	66	3.2	0.9	2.1	2.35	2	0.75	30	28	15	27.6	0.37	0.57	232	2
SA5091027	22	21	33	36	1.3	46	3.5	1.4	1.8	2.38	0.5	0.51	28	34	12.7	32.5	0.23	0.33	121	0.5
SA5091028	1	2	15	15	0.25	17	0.7	0.25	1.5	1.69	0.5	0.02	7	7	0.5	84.9	0.025	0.03	39	3
SA5091029	18	17	37	46	0.6	43	2.5	0.6	4.7	5.61	1	0.4	19	21	9.5	31.5	0.25	0.49	425	3
SA5091030	9	10	60	55	1.1	22	1.2	0.6	2.3	2.63	3	0.91	16	15	12.3	41.1	0.2	0.8	288	0.5
SA5091031	1	1	5	8	0.25	10	0.5	0.25	0.6	0.63	0.5	0.03	5	5	0.5	82.2	0.025	0.08	83	0.5
SA5091032	7	8	40	49	1.1	51	2.4	0.6	1.5	1.8	2	0.65	29	29	11.5	31.4	0.23	0.6	216	0.5
SA5091033	13	14	50	54	1	47	2.5	1	2	2.36	2	0.75	33	33	11.9	32	0.26	0.72	311	0.5
SA5091034	9	10	51	53	1.3	67	2.2	0.6	2	2.47	1	0.71	23	24	13.3	33	0.21	0.67	286	0.5
SA5091035	39	32	120	89	2.5	44	4.9	0.8	6.5	6.76	5	1.75	34	27	25.9	3.5	0.31	1.19	6625	0.5
SA5091036	3	2	5	9	0.25	8	0.05	0.25	1.5	1.6	0.5	0.02	2	2	0.4	93.8	0.025	0.07	108	2
SA5091037	19	20	95	92	2.5	49	2.4	1	3.4	3.98	3	1.78	29	28	28.7	17.8	0.22	1.27	437	1
SA5091038	12	11	21	27	0.25	30	3	0.8	5.1	6.39	0.5	0.02	22	26	0.5	41.8	0.17	0.09	228	0.5
SA5091039	13	14	28	29	0.25	49	4.9	1.4	1.5	1.78	0.5	0.23	25	30	7.9	22.3	0.26	0.24	77	0.5
SA5091040	11	10	25	29	0.8	33	1.9	0.8	1.4	1.77	0.5	0.32	13	15	7.2	43.6	0.15	0.29	414	2
SA5091041	13	16	57	52	2.1	41	3.6	0.9	2.9	3.72	2	0.9	29	31	18.9	20.6	0.24	0.55	266	1
SA5091042	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091043	22	19	130	88	3.5	54	4.5	1.2	7.2	6.95	5	2.2	41	31	31.3	3.1	0.37	1.24	3747	1
SA5091044	23	22	73	70	2.4	51	6.4	1	7.6	8.82	3	1.46	34	31	22.7	11.5	0.35	0.83	6138	3
SA5091045	3	2	5	13	0.25	29	1.7	0.25	0.3	0.28	0.5	0.06	8	9	1.3	43	0.09	0.11	697	0.5
SA5091046	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091047	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091048	5	5	27	24	0.7	26	1.3	0.25	1.2	1.08	0.5	0.23	12	12	4	64.4	0.17	0.24	216	2
SA5091049	1	2	5	12	0.25	27	0.9	0.25	0.3	0.24	0.5	0.06	7	8	1.3	43	0.025	0.13	78	0.5
SA5091050	1	0.5	13	9	0.25	25	0.6	0.25	0.3	0.35	0.5	0.04	6	7	0.9	69.8	0.1	0.24	109	0.5
SA5091051	9	9	33	43	1	49	2.5	0.6	2.8	2.27	2	0.61	21	21	11.2	35	0.23	0.48	385	0.5
SA5091052	9	10	44	41	1.1	25	2.4	0.8	2	3.05	1	0.59	22	19	10.4	34.9	0.23	0.48	1159	2
SA5091053	7	7	29	31	0.8	18	1.3	0.25	1.8	2.25	1	0.45	13	13	6.8	26.8	0.13	0.38	497	0.5
SA5091054	9	10	40	38	1.1	40	2.3	0.6	2.2	2.66	1	0.6	20	22	9.3	29.4	0.22	0.48	343	2
SA5091055	8	8	30	34	1.1	27	1.9	0.25	1.3	1.52	1	0.45	20	21	10.1	27.9	0.18	0.36	301	0.5
SA5091056	1	1	5	10	0.25	17	0.4	0.25	0.2	0.16	0.5	0.04	3	3	0.5	94.9	0.025	0.04	62	0.5
SA5091057	57	51	5	11	0.5	14	0.3	0.25	10	12.36	0.5	0.08	3	0.5	1.8	37	0.07	0.1	307	14
SA5091058	34	28	77	60	2.1	54	5.4	0.9	10.3	10.69	3	1.13	38	34	18.5	19.4	0.42	0.67	3043	4
SA5091059	1	2	20	14	0.25	31	4.7	1.5	0.9	1.1	0.5	0.05	27	34	1.5	29.1	0.23	0.09	108	4
SA5091060	19	17	87	68	2.4	16	1.9	0.8	6.4	5.96	5	1.85	29	21	22.3	7.5	0.33	0.93	405	5
SA5091061	10	8	41	40	1.1	33	3	1	2.1	2.17	0.5	0.45	21	22	10.2	36.6	0.3	0.4	190	1
SA5091062	13	14	67	61	1.9	22	2.4	0.8	3	3.3	4	1.53	31	27	17.4	8.3	0.29	0.83	332	2
SA5091063	10	11	38	44	1.4	24	2.5	0.7	2	2.6	3	0.87	22	22	13.6	20.6	0.19	0.53	323	0.5
SA5091064	8	10	50	48	1.4	28	2.3	0.8	2.2	2.75	3	0.95	22	22	13.5	16.8	0.21	0.61	329	1
SA5091065	12	12	66	56	1.7	15	1.9	0.9	3.1	3.38	4	1.41	27	23	14.9	7.4	0.23	0.82	453	1
SA5091066	41	36	64	65	1.9	90	9.1	1.4	7.5	9.19	2	0.85	39	40	17	19.5	0.41	0.54	7830	5
SA5091067	8	7	41	36	1.2	59	3.8	1.2	2.3	2.67	0.5	0.35	24	25	8.1	39.8	0.29	0.28	238	3
SA5091068	25	20	110	82	3.4	49	4.4	1.3	8.6	7.95	6	2.02	43	31	25.8	5.1	0.53	1.12	2878	10
SA5091069	12	11	48	45	1.2	38	3.6	0.9	2.9	3.24	2	0.7	32	31	11.6	35.5	0.29	0.55	325	3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090001	2	0.12	0.14	0.5	16	683	1	2.5	7	0.05	2.9	3.9	0.5	2.6	80	0.1	0.025	1.2	630	0.5
SA5090002	0.5	0.09	0.09	0.5	15	1400	0.5	2.5	6	0.05	2.5	3.2	0.5	2.2	47	0.3	0.025	0.9	500	0.3
SA5090003	0.5	0.11	0.13	1	16	880	2	2.5	8	0.05	2.8	4.1	0.5	2.8	61	0.1	0.025	1.4	725	0.3
SA5090004	3	0.17	0.18	2	34	1127	1	2.5	6	0.05	5.7	8.1	0.5	5.8	84	0.1	0.025	2.9	885	0.6
SA5090005	0.5	0.22	0.26	2	20	1233	1	9	9	0.05	4.3	5.8	0.5	3.1	89	0.1	0.025	1.7	1207	0.4
SA5090006	0.5	0.15	0.17	3	25	1516	4	10	9	0.05	4.2	5.7	0.5	3.6	73	0.1	0.025	2	914	0.4
SA5090007	2	0.05	0.05	0.5	10	672	0.5	2.5	3	0.05	1.4	2	0.5	1.3	39	0.1	0.025	0.5	333	0.05
SA5090008	0.5	0.07	0.08	0.5	18	947	1	7	4	0.05	2.8	4	0.5	3.2	54	0.1	0.025	1.5	522	0.4
SA5090009	2	0.42	0.4	12	21	3634	2	9	11	0.05	8.7	10.2	0.5	5.7	110	0.1	0.7	2.6	1382	0.9
SA5090010	4	0.07	0.08	2	17	294	3	6	4	0.05	3	4.4	0.5	2.7	57	0.1	0.025	1	373	0.4
SA5090011	0.5	0.14	0.15	2	18	1260	2	6	5	0.05	3.3	4.4	0.5	3.3	59	0.1	0.025	1.5	714	0.4
SA5090012	0.5	0.29	0.3	2	27	1266	2	6	14	0.05	4.8	6.1	0.5	3.7	114	0.1	0.025	2	1339	0.5
SA5090013	1	0.19	0.2	2	29	1411	2	6	12	0.1	3.9	5.3	0.5	3.7	90	0.1	0.025	1.9	1148	0.4
SA5090014	0.5	0.025	0.05	1	19	1023	2	5	1	0.05	1.8	2.5	0.5	2	44	0.1	0.025	0.8	303	0.1
SA5090015	2	0.23	0.24	4	35	1781	2	14	14	0.2	7	9	0.5	6	72	0.1	0.5	3.1	1351	0.8
SA5090016	0.5	0.32	0.36	5	30	2233	3	18	21	0.1	7.6	10.6	0.5	4.7	94	0.1	0.6	3	1946	0.6
SA5090017	2	0.11	0.12	4	24	2314	2	9	8	0.2	4.9	7	0.5	4.3	66	0.1	0.025	2.2	798	0.8
SA5090018	0.5	0.18	0.18	3	17	2500	0.5	11	6	0.05	4.7	6.8	0.5	4.2	85	0.1	0.025	1.7	1034	0.5
SA5090019	0.5	1.1	1.32	8	21	1841	6	14	20	0.05	9.4	12.4	0.5	5.4	389	0.3	0.025	2.4	3555	0.5
SA5090020	0.5	0.14	0.13	2	13	1258	0.5	7	1	0.05	3.1	4.3	0.5	2.4	64	0.1	0.025	0.9	632	0.3
SA5090021	0.5	0.11	0.11	2	13	1313	3	2.5	1	0.05	3.2	4.3	0.5	2.8	65	0.1	0.025	1.1	530	0.3
SA5090022	0.5	1.9	1.96	12	25	1896	2	28	26	0.05	16.8	18.4	0.5	8.8	536	0.3	0.9	3.7	5600	0.6
SA5090023	0.5	0.27	0.29	6	12	2794	7	2.5	2	0.05	5.2	7	0.5	4.6	124	0.1	0.025	1.4	1166	0.3
SA5090024	0.5	0.13	0.14	2	25	868	2	2.5	4	0.05	4	5.4	0.5	3.3	64	0.1	0.025	1.7	740	0.3
SA5090025	0.5	2.4	2.28	7	22	1055	1	36	27	0.1	15.1	15.1	0.5	5.7	477	0.3	0.6	3	3526	0.8
SA5090026	1	0.1	0.1	2	21	1368	5	6	4	0.1	4.9	6.5	0.5	4.7	44	0.1	0.025	2	628	0.6
SA5090027	0.5	2.5	2.27	8	22	1265	2	36	31	0.1	16.9	16	0.5	6.4	471	0.4	0.7	3.4	4210	0.8
SA5090028	0.5	0.08	0.08	1	18	854	2	2.5	1	0.05	3.4	4.4	0.5	3.9	50	0.1	0.025	1.6	526	0.6
SA5090029	0.5	0.1	0.11	2	21	1245	1	6	2	0.05	3.4	4.4	0.5	3	45	0.1	0.025	1.5	634	0.4
SA5090030	1	0.11	0.09	2	17	1954	0.5	2.5	1	0.05	2.8	3.5	0.5	2.6	53	0.1	0.025	1.2	512	0.2
SA5090031	0.5	1.8	1.84	8	37	1087	1	34	37	0.2	15.2	16.6	0.5	6.2	377	0.3	0.8	4.5	3736	1.2
SA5090032	0.5	0.14	0.15	1	14	534	2	7	1	0.05	3	4	0.5	2.3	64	0.1	0.025	1	696	0.3
SA5090033	1	0.38	0.39	4	30	1661	4	8	3	0.05	7	8.9	0.5	5.8	115	0.3	0.7	2.5	1677	0.7
SA5090034	1	0.39	0.39	11	40	4386	2	16	14	0.1	10.3	11.8	0.5	6.6	99	0.2	0.8	4.1	1760	0.9
SA5090035	0.5	0.37	0.43	5	26	1805	2	14	7	0.05	5.9	7.9	0.5	4.1	111	0.2	0.025	2.5	1699	0.5
SA5090036	0.5	0.63	0.68	7	18	2420	3	9	11	0.05	8.5	10.6	0.5	5.6	223	0.1	0.025	2.1	2479	0.5
SA5090037	0.5	0.06	0.06	1	16	663	1	2.5	1	0.05	3.2	3.9	0.5	3.4	44	0.1	0.025	1.2	345	0.3
SA5090038	0.5	0.15	0.18	2	24	1184	2	14	5	0.05	4	5.5	0.5	3	67	0.1	0.025	1.5	880	0.4
SA5090039	2	0.2	0.18	5	43	2543	2	16	8	0.2	8.2	10.5	0.5	7.8	63	0.2	0.8	3.7	1110	1
SA5090040	0.5	0.2	0.19	3	26	1716	3	7	3	0.05	5	6.4	0.5	3.6	77	0.1	0.025	1.8	1047	0.5
SA5090041	0.5	0.1	0.12	2	19	1753	1	6	6	0.05	2.9	4.1	0.5	2.1	82	0.1	0.025	1.4	657	0.3
SA5090042	1	0.08	0.08	1	10	442	2	2.5	2	0.05	2.2	3.2	0.5	1.7	49	0.1	0.025	0.8	462	0.5
SA5090043	1	0.05	0.06	0.5	12	511	3	2.5	1	0.05	2.1	3	0.5	1.9	64	0.1	0.025	1	362	0.1
SA5090044	20	0.8	0.92	11	26	1350	1	2.5	13	0.05	8.2	11.4	0.5	5.7	288	0.4	0.5	2	3028	0.5
SA5090045	4	0.19	0.19	9	38	2317	2	9	11	0.1	6.1	8.9	0.5	5.3	112	0.3	0.5	2.5	1070	0.9
SA5090046	0.5	0.29	0.34	4	28	910	2	23	14	0.05	5.5	7.6	0.5	2.3	75	0.2	0.025	2.4	1546	0.6
SA5090047	1	0.24	0.26	4	39	715	4	33	26	0.2	5.6	7.8	0.5	2.5	55	0.1	0.025	2.9	1576	1
SA5090048	0.5	0.24	0.27	3	27	867	2	23	11	0.05	4.6	6.7	0.5	2.6	74	0.3	0.025	2.1	1264	0.6
SA5090049	0.5	0.3	0.31	3	24	565	3	7	8	0.05	4.8	6.8	0.5	3.1	80	0.1	0.025	2	1198	0.7
SA5090050	0.5	0.1	0.16	2	21	594	2	6	1	0.05	3.7	4.3	0.5	3	58	0.1	0.025	1.8	613	0.5
SA5090051	0.5	0.1	0.11	2	26	640	2	7	6	0.05	3.2	4.6	0.5	2.1	50	0.1	0.025	1.7	635	0.5
SA5090052	0.5	0.06	0.07	0.5	12	362	1	6	1	0.05	2.1	3.1	0.5	1.8	45	0.1	0.025	0.8	379	0.2
SA5090053	0.5	0.13	0.14	2	30	915	3	8	5	0.05	3.8	4.9	0.5	2.5	63	0.1	0.025	2	736	0.6
SA5090054	1	0.07	0.07	3	24	1282	4	7	7	0.1	3.4	4.6	0.5	2.2	38	0.1	0.025	1.6	591	0.6
SA5090055	0.5	0.91	0.93	7	32	1605	6	18	19	0.2	10	11.7	0.5	4.2	201	0.2	0.6	3.2	2617	0.7
SA5090056	0.5	2	1.82	9	30	1224	2	27	25	0.1	17.2	16.7	0.5	5.6	367	0.5	0.6	4.7	4668	0.8
SA5090057	0.5	0.27	0.33	3	21	911	3	2.5	3	0.05	3.9	5.6	0.5	2.3	87	0.1	0.025	1.7	1130	0.4
SA5090058	0.5	0.07	0.07	1	10	366	3	2.5	1	0.05	2.2	3.1	0.5	1.8	48	0.1	0.025	0.8	399	0.3
SA5090059	0.5	0.1	0.11	2	25	901	2	13	9	0.2	3.4	4.7	0.5	2.2	35	0.1	0.025	1.9	730	0.8
SA5090060	0.5	0.14	0.1	2	26	611	3	2.5	1	0.05	3.1	4.8	0.5	2.1	45	0.1	0.025	1.5	555	0.3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090061	1	0.8	0.72	7	53	821	5	33	34	0.3	11.7	11.9	0.5	5.6	103	0.6	0.8	5.4	2212	2.3
SA5090062	1	0.61	0.55	6	42	1227	6	27	20	0.2	10	10.1	0.5	3.8	93	0.1	0.025	3.8	1827	1.4
SA5090063	0.5	0.64	0.68	6	40	926	3	25	24	0.2	8.6	10.3	0.5	3.7	108	0.4	0.025	3.4	1784	1.1
SA5090064	0.5	1.1	1.12	6	34	1189	1	17	22	0.2	11.2	12.5	0.5	3.9	194	0.3	0.025	3	2779	0.9
SA5090065	0.5	0.47	0.45	5	32	1157	7	10	7	0.2	6.3	7.4	0.5	2.9	89	0.1	0.025	2.4	1370	0.9
SA5090066	1	0.2	0.21	3	28	868	3	9	6	0.05	4.3	5.3	0.5	3.1	60	0.2	0.025	2.3	758	0.8
SA5090067	1	0.43	0.46	5	33	839	2	15	9	0.1	5.5	7.5	0.5	3.2	86	0.1	0.025	2.6	1281	1
SA5090068	0.5	0.82	0.7	6	37	964	4	26	26	0.2	10	10.5	0.5	3.9	110	0.4	0.5	3.8	1904	1.3
SA5090069	0.5	2.4	2.04	6	23	666	3	38	33	0.2	15.6	13.8	0.5	4.4	364	0.5	0.6	3.9	2846	1.2
SA5090070	1	1.8	1.59	8	40	868	0.5	34	36	0.2	19	18.2	0.5	5.1	258	0.5	0.6	4.4	3562	1.5
SA5090071	0.5	2.4	2.21	7	26	734	2	33	28	0.2	16	15.3	0.5	4.5	408	0.5	0.5	3	3230	0.9
SA5090072	0.5	2.4	2.04	10	29	866	3	38	36	0.3	19.6	16.8	0.5	5.2	396	0.7	0.7	4	4138	1.2
SA5090073	0.5	2.7	2.23	10	26	906	2	34	29	0.2	20.8	17.5	0.5	7	429	0.7	0.7	5	4203	1
SA5090074	0.5	0.17	0.15	3	35	1266	13	15	12	0.1	5.2	5.9	0.5	2.9	50	0.2	0.025	2.6	982	0.4
SA5090075	1	0.4	0.35	6	40	1793	3	16	20	0.2	8.5	9.3	0.5	3.7	77	0.2	0.025	3.5	1511	0.9
SA5090076	0.5	0.59	0.57	4	36	785	3	13	13	0.05	6.4	7.7	0.5	2.9	132	0.1	0.025	2.3	1312	0.6
SA5090077	1	2.2	1.87	10	45	874	2	60	55	0.5	20.2	19.9	0.5	6.6	295	0.9	0.8	6.4	4073	1.6
SA5090078	1	2	1.67	8	36	696	2	41	37	0.3	16.9	15.6	0.5	4.8	283	0.6	0.6	4.5	3419	1.4
SA5090079	0.5	0.59	0.53	7	42	1938	3	19	18	0.2	9.3	10.1	0.5	3.9	101	0.1	0.5	3.6	1817	1.2
SA5090080	0.5	0.24	0.24	5	31	546	3	9	9	0.05	4.6	5.7	0.5	3.3	89	0.1	0.025	2.1	783	0.9
SA5090081	0.5	0.18	0.17	3	40	673	3	17	19	0.1	5.8	7	0.5	2.7	75	0.1	0.025	3.2	1336	0.7
SA5090082	0.5	0.15	0.18	2	24	790	3	8	4	0.05	3.2	4.6	0.5	1.9	62	0.2	0.025	1.5	803	0.3
SA5090083	2	0.06	0.06	0.5	20	268	2	7	2	0.05	1.7	2.3	0.5	1.2	33	0.1	0.025	1.1	489	0.2
SA5090084	0.5	0.09	0.08	2	33	2221	2	2.5	1	0.05	2.6	3.4	0.5	1.9	53	0.1	0.025	1.5	525	0.2
SA5090085	2	0.86	0.82	6	26	1969	2	9	16	0.1	10	11.1	0.5	4.4	174	0.1	0.6	2.6	2074	0.8
SA5090086	0.5	0.06	0.05	2	25	759	1	5	1	0.05	2.2	3.2	0.5	2	48	0.1	0.025	1.5	409	0.1
SA5090087	2	1.8	1.8	11	25	1664	0.5	18	15	0.05	13.4	14.7	0.5	5.5	372	0.4	0.7	3.7	4004	0.7
SA5090088	1	0.09	0.09	2	19	1741	0.5	2.5	1	0.05	3.1	4.2	0.5	3.4	43	0.2	0.025	1.5	500	0.3
SA5090089	0.5	0.34	0.36	5	18	2764	1	16	6	0.05	6	7.9	0.5	6.4	104	0.1	0.6	2.3	1503	0.7
SA5090090	0.5	0.53	0.62	4	16	879	5	9	6	0.05	5.2	6.9	0.5	2.7	200	0.3	0.025	1.7	1813	0.4
SA5090091	2	1.5	1.58	8	41	1505	3	34	36	0.2	14.4	16.6	0.5	6.9	326	0.1	0.8	4.4	3454	1.3
SA5090092	2	0.34	0.38	6	23	3130	2	12	8	0.05	7.5	9.9	0.5	5.8	105	0.1	0.025	3	1373	0.7
SA5090093	1	1.2	1.11	6	28	1822	4	26	19	0.05	11.1	12.3	0.5	7.6	299	0.6	0.025	3.8	2697	0.9
SA5090094	2	1.2	1.11	8	48	942	4	45	52	0.1	16.2	18	0.5	9.1	243	0.4	0.8	7.2	3735	2.4
SA5090095	1	0.45	0.49	4	20	1328	4	13	10	0.2	5.3	7.4	0.5	4.6	151	0.4	0.025	2.2	1607	0.7
SA5090096	3	0.12	0.11	4	16	1970	2	2.5	1	0.05	3.3	4.1	0.5	2.6	73	0.1	0.025	1.2	387	0.3
SA5090097	0.5	1.8	1.69	10	40	1579	3	48	49	0.2	17.3	17.9	0.5	7.8	358	0.6	0.8	5.5	4383	1.4
SA5090098	0.5	0.09	0.1	3	18	2053	2	2.5	1	0.05	2.9	4	0.5	3	53	0.1	0.025	1.5	634	0.2
SA5090099	0.5	0.41	0.47	4	30	997	2	8	14	0.05	5.5	7.4	0.5	2.8	116	0.1	0.025	2.4	1512	0.5
SA5090100	1	1.8	1.75	10	37	1602	2	38	35	0.2	18	18.8	0.5	8	392	0.4	0.8	5	5379	1.3
SA5090101	4	0.57	0.58	10	52	3426	3	21	21	0.1	13	16.5	0.5	10.7	149	0.1	1	5.5	2165	3.1
SA5090102	0.5	0.08	0.09	1	12	787	2	2.5	1	0.05	1.9	2.6	0.5	1.8	72	0.1	0.025	1.1	492	0.2
SA5090103	2	0.24	0.23	3	20	1236	3	6	5	0.05	5.4	6	0.5	5.3	85	0.1	0.025	2.4	1096	0.9
SA5090104	2	0.17	0.17	2	13	572	5	2.5	1	0.05	4.3	5.2	0.5	14.1	70	0.1	0.9	2.4	857	1.5
SA5090105	2	0.16	0.14	2	14	646	3	6	1	0.05	3.1	3.8	0.5	2.9	56	0.1	0.025	1.7	747	1
SA5090106	3	0.16	0.14	5	18	2460	2	6	1	0.05	4.2	4.9	0.5	4.4	52	0.1	0.025	2.1	734	0.9
SA5090107	3	0.32	0.25	4	28	1209	3	7	6	0.05	7.7	7.9	0.5	7	95	0.3	0.6	3.5	1212	1.4
SA5090108	1	0.29	0.27	8	27	2094	3	15	13	0.1	6.9	8.4	0.5	5.2	75	0.1	0.025	2.9	1270	0.7
SA5090109	1	2.4	2.16	8	23	1315	2	29	25	0.05	15.4	14.9	0.5	7.1	485	0.5	0.7	3.6	3770	0.9
SA5090110	0.5	0.22	0.25	4	18	1897	0.5	7	1	0.05	5.1	6.6	0.5	4.2	84	0.1	0.025	1.9	933	0.4
SA5090111	0.5	2.1	2.02	11	30	1844	1	26	25	0.05	19	18.7	0.5	7.4	446	0.5	0.8	4	5598	0.7
SA5090112	0.5	0.16	0.14	2	16	1356	1	8	2	0.05	2.9	3.9	0.5	2.3	59	0.1	0.025	1.2	783	0.2
SA5090113	0.5	2.5	1.99	11	36	1253	3	48	46	0.3	21.3	18.3	0.5	8.4	408	0.5	0.8	5.9	5120	1.5
SA5090114	2	1	1.14	8	31	2045	3	18	22	0.1	11.4	15.1	0.5	7.4	267	0.6	0.8	4.3	3231	1
SA5090115	2	0.41	0.44	5	24	2515	2	13	11	0.05	7.2	9.9	0.5	5.6	117	0.1	0.6	3	1768	0.9
SA5090116	2	1	0.98	6	31	1233	3	26	25	0.1	10.7	13	0.5	6.3	235	0.4	0.7	3.7	3135	1.2
SA5090117	3	0.1	0.11	3	23	1041	0.5	2.5	1	0.05	4.3	5.5	0.5	5.4	50	0.1	0.6	2.4	662	0.9
SA5090118	1	0.17	0.19	3	17	1244	0.5	8	4	0.05	3.1	4.4	0.5	2.4	66	0.1	0.025	1.3	947	0.3
SA5090119	1	0.23	0.2	2	19	1418	3	2.5	1	0.05	4.9	5.4	0.5	3.8	73	0.1	0.025	2.2	1046	0.7
SA5090120	3	0.26	0.26	5	26	1385	2	2.5	5	0.05	8.2	11.4	0.5	8.1	89	0.2	1	3.1	1261	1.4

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090121	0.5	0.1	0.11	0.5	13	956	2	2.5	1	0.05	2.9	3.9	0.5	3.9	57	0.1	0.025	1.5	644	0.6
SA5090122	0.5	0.29	0.31	3	27	1609	1	8	3	0.05	5.3	6.9	0.5	6.1	105	0.3	0.6	2.1	1267	0.5
SA5090123	3	0.08	0.07	2	24	1016	0.5	2.5	1	0.05	6.5	8.5	0.5	9	58	0.1	0.8	3.1	519	1.5
SA5090124	2	0.1	0.11	2	12	587	2	2.5	1	0.05	2	2.9	0.5	1.7	48	0.1	0.025	1	628	0.3
SA5090125	0.5	0.23	0.27	2	14	707	2	5	1	0.05	3.4	4.5	0.5	2.4	87	0.1	0.025	1.1	1054	0.5
SA5090126	1	0.025	0.03	0.5	12	332	2	2.5	1	0.05	1.4	2.1	0.5	2.1	39	0.1	0.025	0.5	194	0.2
SA5090127	1	1.8	1.83	12	41	1220	4	47	52	0.2	17.5	18.9	0.5	7.8	387	0.8	0.8	5.7	5539	1.5
SA5090128	0.5	1.4	1.53	10	36	1161	2	33	39	0.2	14.7	17	0.5	7.1	333	0.5	0.9	4.7	3858	1.1
SA5090129	0.5	1.5	1.61	11	37	1688	3	33	33	0.1	15.5	17.5	0.5	7.6	350	0.3	0.7	4.8	4248	1.2
SA5090130	1	0.16	0.2	2	19	1227	1	2.5	1	0.05	2.7	3.7	0.5	1.9	113	0.1	0.025	1.1	719	0.1
SA5090131	1	0.25	0.26	3	29	1804	1	9	6	0.05	5.5	7.2	0.5	6.4	107	0.1	0.6	2.5	1190	0.7
SA5090132	0.5	0.09	0.08	2	14	1376	1	2.5	1	0.05	3.1	3.8	0.5	3.3	65	0.1	0.025	1.3	468	0.3
SA5090133	0.5	0.11	0.13	2	13	937	1	9	3	0.05	2.7	3.8	0.5	2.5	104	0.1	0.025	1.1	694	0.4
SA5090134	0.5	0.31	0.33	2	16	767	2	9	6	0.05	4.1	5.8	0.5	3.4	101	0.1	0.025	1.6	1187	0.4
SA5090135	0.5	0.31	0.35	4	21	1494	1	13	7	0.05	4.7	6.5	0.5	3.4	119	0.1	0.025	1.8	1417	0.4
SA5090136	1	2.3	2.16	10	36	1156	2	48	44	0.2	19.3	19	0.5	7.6	429	0.6	0.8	5.7	5031	1.4
SA5090137	0.5	0.18	0.2	2	21	484	2	8	7	0.05	3.9	5.8	0.5	2.6	72	0.1	0.025	1.9	1092	0.4
SA5090138	0.5	0.07	0.08	2	21	385	1	7	1	0.05	2.1	3.3	0.5	1.9	61	0.1	0.025	1.3	502	0.2
SA5090139	2	0.22	0.26	6	17	2350	2	11	7	0.05	5	7	0.5	4	75	0.1	0.025	2.1	1103	0.6
SA5090140	1	0.14	0.15	3	22	1581	1	6	3	0.05	3.1	4.6	0.5	2.3	68	0.1	0.025	1.7	876	0.6
SA5090141	0.5	0.16	0.17	3	31	842	2	14	6	0.05	4	5.5	0.5	2.8	79	0.1	0.025	2.1	1136	0.4
SA5090142	2	0.06	0.05	1	21	947	3	6	1	0.05	4.1	5.2	0.5	5.6	62	0.1	0.025	1.7	448	0.9
SA5090143	1	0.47	0.56	4	23	1334	2	14	11	0.05	6.5	9.7	0.5	7.8	176	0.2	0.7	3	1727	0.8
SA5090144	3	0.25	0.23	3	18	1588	1	8	3	0.05	6.4	7.5	0.5	8.9	104	0.3	0.6	2.7	1034	0.8
SA5090145	0.5	0.17	0.14	1	9	712	2	2.5	1	0.05	2.6	3.5	0.5	2.6	73	0.1	0.025	1.3	665	0.3
SA5090146	1	2.7	2.55	22	18	751	4	31	32	0.05	20.5	19	0.5	7.2	589	1.2	0.7	4.9	12258	0.8
SA5090147	2	0.26	0.27	4	15	1987	1	9	8	0.05	4.5	6	0.5	4.1	90	0.1	0.5	1.9	1117	0.3
SA5090148	1	2.3	2.14	13	19	1731	2	28	27	0.05	17.5	16.5	0.5	8.6	528	0.7	1	4.6	7738	0.8
SA5090149	2	0.09	0.1	1	15	1153	1	6	1	0.05	2.6	3.4	0.5	2.8	54	0.1	0.025	1.4	650	0.2
SA5090150	0.5	2.7	2.33	11	28	1571	3	54	47	0.2	19.6	17.9	0.5	9.1	498	0.9	0.8	5.5	5430	1.2
SA5090151	2	2.5	2.08	11	38	1208	3	63	57	0.2	20.7	18.7	0.5	8.4	419	0.5	0.9	6.4	5125	1.6
SA5090152	1	0.35	0.35	3	17	1028	3	9	1	0.05	3.6	5.2	0.5	2.8	121	0.2	0.025	1.5	1254	0.2
SA5090153	1	0.39	0.37	4	18	1712	3	2.5	7	0.05	4.5	5.7	0.5	3.3	116	0.1	0.025	1.8	1213	0.3
SA5090154	0.5	2.4	2.31	9	21	1506	3	31	30	0.05	14.1	13.9	0.5	6.6	556	0.4	0.7	3.6	5604	0.6
SA5090155	0.5	0.08	0.08	9	19	1640	2	5	1	0.05	5.6	7.7	0.5	5	47	0.1	0.025	1.9	441	0.3
SA5090156	0.5	2.6	2.6	10	22	1477	0.5	33	34	0.05	15.9	16.4	0.5	7.7	599	0.5	0.9	4.3	5754	0.8
SA5090157	3	0.2	0.2	2	22	1099	1	7	1	0.05	3.7	5.2	0.5	3.2	83	0.1	0.025	1.9	852	0.4
SA5090158	1	1.8	1.88	7	19	1270	3	24	22	0.05	11.2	12.5	0.5	5.7	456	0.5	0.6	2.7	3965	0.5
SA5090159	1	0.1	0.11	0.5	10	987	0.5	2.5	1	0.05	2.3	3.5	0.5	2.9	57	0.3	0.025	1.1	558	0.2
SA5090160	3	0.58	0.59	4	18	959	3	12	4	0.05	5.7	6.9	0.5	3.7	178	0.2	0.025	1.8	1721	0.4
SA5090161	0.5	1.9	1.77	8	17	1213	17	20	18	0.05	12.1	12.9	0.5	5.4	436	0.3	0.7	2.6	4690	0.5
SA5090162	1	0.37	0.35	2	16	647	2	6	3	0.05	3.7	4.5	0.5	2	119	0.1	0.025	1.7	1375	0.3
SA5090163	2	2.7	2.36	8	15	1102	3	26	33	0.05	14.7	13.5	0.5	6.2	548	0.4	0.7	3.2	4068	0.7
SA5090164	3	0.14	0.14	1	14	1011	2	2.5	10	0.05	3	3.9	0.5	2.4	66	0.1	0.025	1.6	724	0.2
SA5090165	3	0.06	0.07	0.5	14	1074	2	2.5	9	0.05	2.6	3.2	0.5	3.1	51	0.1	0.025	1.4	412	0.2
SA5090166	4	0.05	0.06	0.5	12	484	0.5	2.5	6	0.05	2.1	2.7	0.5	1.9	39	0.1	0.025	1.1	334	0.3
SA5090167	3	0.08	0.09	0.5	12	703	20	2.5	8	0.05	2.1	2.6	0.5	1.9	58	0.3	0.025	1	439	0.2
SA5090168	3	0.12	0.13	0.5	14	762	1	2.5	5	0.05	2.6	3.3	0.5	2.6	62	0.1	0.025	1.3	519	0.2
SA5090169	8	0.92	0.85	9	37	881	2	23	30	0.1	11.8	12.4	0.5	7.3	238	0.1	0.8	4.6	2206	0.9
SA5090170	2	0.26	0.29	2	18	839	2	10	16	0.05	3.9	5.4	0.5	2.2	87	0.1	0.025	1.6	1241	0.3
SA5090171	2	0.16	0.17	1	19	398	0.5	13	17	0.05	3.2	4.8	0.5	2.1	61	0.1	0.025	1.7	1025	0.3
SA5090172	2	0.37	0.38	3	25	511	0.5	15	32	0.05	5.1	6.9	0.5	3	161	0.1	0.025	2	1426	0.5
SA5090173	0.5	1.2	1.36	7	22	1277	6	19	34	0.1	9	11.9	0.5	4.8	347	0.2	0.025	2.5	3635	0.4
SA5090174	0.5	0.35	0.38	4	26	1256	1	8	31	0.05	4.9	7.1	0.5	3.5	118	0.2	0.025	2.3	1397	0.4
SA5090175	0.5	0.11	0.1	0.5	13	450	0.5	2.5	27	0.05	2.3	3.4	0.5	2	54	0.1	0.025	1.3	612	0.2
SA5090176	2	0.07	0.06	2	16	389	2	2.5	25	0.05	2.9	4	0.5	3	79	0.1	0.025	1.6	462	0.4
SA5090177	0.5	2	2.25	13	20	1214	2	23	39	0.05	15.7	16.4	0.5	7.3	513	0.8	0.7	4.8	8116	0.6
SA5090178	0.5	0.36	0.4	8	19	2246	0.5	9	33	0.05	8.4	11.5	0.5	7.9	120	0.1	0.8	3.2	1632	0.6
SA5090179	0.5	2.4	2.67	10	24	1320	0.5	31	43	0.05	16.3	16.3	0.5	8.2	554	0.5	0.8	4.1	5207	0.7
SA5090180	0.5	0.58	0.62	5	19	1450	0.5	7	33	0.05	6.1	8.4	0.5	4.2	210	0.1	0.025	2.4	1862	0.3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090181	0.5	0.38	0.31	7	18	2555	0.5	6	33	0.05	6.6	8	0.5	4.5	131	0.1	0.5	2.5	1388	0.6
SA5090182	0.5	0.08	0.07	0.5	9	482	2	6	28	0.05	1.5	2.2	0.5	1.2	54	0.1	0.025	0.7	354	0.05
SA5090183	2	1.3	1.38	7	18	788	0.5	17	38	0.05	8.9	10.4	0.5	4.8	364	0.3	0.5	2.2	2732	0.4
SA5090184	0.5	0.15	0.11	4	19	986	0.5	2.5	30	0.05	4.1	5.5	0.5	4	55	0.1	0.025	2.2	627	0.3
SA5090185	0.5	0.23	0.23	2	18	653	1	7	30	0.05	4	5.1	0.5	3.1	94	0.1	0.025	1.8	888	0.2
SA5090186	0.5	0.15	0.13	1	12	894	0.5	5	27	0.05	2.7	3.6	0.5	2.3	69	0.1	0.025	1.2	613	0.3
SA5090187	0.5	0.22	0.19	2	19	921	3	6	31	0.05	4	5.1	0.5	2.9	87	0.1	0.025	1.6	1052	0.3
SA5090188	0.5	0.62	0.57	4	16	704	3	2.5	31	0.05	5.6	6.6	0.5	3.2	161	0.1	0.025	1.7	1515	0.3
SA5090189	0.5	1.8	1.7	11	17	1547	3	29	40	0.05	12.1	12.7	0.5	6.4	422	0.3	0.8	3	3335	0.6
SA5090190	0.5	2.8	3.09	9	15	1035	3	29	43	0.05	14.3	14	0.5	6.7	597	0.4	0.7	2.6	4486	0.5
SA5090191	0.5	1.1	1.24	12	15	1598	6	19	36	0.05	10	12.1	0.5	5.5	344	0.3	0.7	2.7	4413	0.6
SA5090192	3	0.11	0.1	1	21	887	0.5	2.5	25	0.05	4.4	5.8	0.5	6	99	0.1	0.5	2	543	0.5
SA5090193	0.5	2.3	2.23	11	18	1888	4	30	32	0.05	15.2	15.4	0.5	8	571	0.6	0.9	3.8	4934	0.7
SA5090194	1	0.19	0.17	6	16	1281	0.5	2.5	30	0.05	3.5	4.4	0.5	3.1	69	0.1	0.025	1.6	763	0.3
SA5090195	1	0.19	0.17	7	15	1545	6	2.5	30	0.1	3.5	4.7	0.5	3	74	0.1	0.025	1.4	880	0.3
SA5090196	1	0.64	0.6	6	13	843	2	11	31	0.05	7.2	8	0.5	4.8	176	0.2	0.025	2.4	1556	1.2
SA5090197	1	0.63	0.48	6	13	1081	4	12	34	0.05	6.4	6.1	0.5	3.1	151	0.1	0.025	1.9	1487	0.4
SA5090198	0.5	0.25	0.24	4	15	1284	9	10	31	0.05	4	4.9	0.5	2.6	97	0.1	0.025	1.5	984	0.3
SA5090199	0.5	0.8	0.71	8	21	1405	4	16	15	0.05	8.3	8.7	0.5	4.3	211	0.3	0.025	2.7	2444	0.5
SA5090200	0.5	0.31	0.33	4	14	1747	11	2.5	1	0.1	4.1	5.4	0.5	2.9	120	0.1	0.025	1.4	1304	0.3
SA5090201	0.5	0.24	0.25	2	15	1265	7	8	1	0.05	3.7	4.5	0.5	2.6	122	0.1	0.025	1.5	915	0.3
SA5090202	0.5	1.3	1.03	8	22	1251	4	21	16	0.05	12	11	0.5	5.6	270	0.4	0.5	3.6	2996	0.6
SA5090203	1	0.19	0.18	4	10	1388	4	2.5	1	0.05	2.4	2.9	0.5	1.4	83	0.1	0.025	0.9	524	0.1
SA5090204	3	0.19	0.19	2	12	1066	2	2.5	1	0.05	3.1	3.8	0.5	2.4	68	0.1	0.025	1.4	658	0.5
SA5090205	4	0.19	0.22	3	14	1024	1	2.5	1	0.05	3.4	4.8	0.5	3.7	92	0.1	0.025	1.6	946	0.5
SA5090206	2	0.08	0.07	0.5	14	1107	0.5	2.5	1	0.05	2.1	2.9	0.5	2.6	42	0.1	0.025	1.1	331	0.3
SA5090207	5	0.3	0.32	2	16	1045	2	6	3	0.05	4.8	6.1	0.5	4.4	145	0.3	0.025	2.1	1164	0.7
SA5090208	0.5	1	0.8	7	22	1195	5	20	24	0.05	10	9.7	0.5	4.8	215	0.1	0.5	3.2	2412	0.6
SA5090209	1	0.12	0.13	0.5	19	2396	0.5	2.5	1	0.05	2.8	4.3	0.5	3.4	83	0.1	0.025	1.6	571	0.4
SA5090210	0.5	0.19	0.22	2	11	543	3	6	1	0.05	2.5	3.7	0.5	2	104	0.1	0.025	1.2	825	0.3
SA5090211	2	0.11	0.11	0.5	11	786	1	2.5	1	0.05	2.1	2.8	0.5	2.5	52	0.1	0.025	0.9	472	0.6
SA5090212	1	0.68	0.79	4	16	1069	3	14	8	0.05	5.8	7.7	0.5	3.4	232	0.2	0.025	2.2	1966	0.5
SA5090213	0.5	1.8	1.85	12	19	1894	7	26	30	0.05	14.7	15.5	0.5	7.8	516	0.7	0.8	4.6	6148	0.5
SA5090214	0.5	0.42	0.54	5	19	1799	4	13	4	0.05	4.6	6.6	0.5	3.6	175	0.2	0.025	2	1482	0.3
SA5090215	1	0.44	0.45	4	17	1095	2	12	4	0.05	5	6.9	0.5	4.6	141	0.1	0.025	1.9	1360	0.3
SA5090216	2	0.31	0.29	8	30	3763	2	10	10	0.05	11.2	13.6	0.5	10.6	125	0.1	1	4.6	1553	0.8
SA5090217	1	2.2	1.89	9	36	1244	3	48	47	0.2	18.5	17.3	0.5	7.8	412	0.6	0.8	5.5	4770	1.3
SA5090218	0.5	0.41	0.48	3	15	1399	1	8	1	0.05	4.2	6.1	0.5	3.5	153	0.3	0.025	1.7	1685	0.3
SA5090219	0.5	0.025	0.05	0.5	9	500	0.5	2.5	1	0.05	1.8	2.3	0.5	2.5	40	0.1	0.025	0.9	305	0.3
SA5090220	3	2.3	1.89	12	39	1649	4	57	53	0.2	19.6	18.5	0.5	9.2	420	0.6	0.9	6.4	4865	1.6
SA5090221	0.5	0.88	0.95	5	21	1325	2	18	19	0.05	8.8	10.7	0.5	5.9	234	0.3	0.6	2.8	2634	0.6
SA5090222	0.5	0.26	0.28	1	12	760	2	10	1	0.05	3.4	4.5	0.5	2.7	101	0.1	0.025	1.2	896	0.3
SA5090223	1	0.1	0.1	0.5	12	408	3	2.5	1	0.05	1.7	2.5	0.5	2.2	62	0.1	0.025	0.7	407	0.2
SA5090224	4	0.35	0.39	3	17	1928	2	5	5	0.05	5.5	6.9	0.5	5.4	127	0.1	0.025	2.4	1363	0.8
SA5090225	0.5	2.1	2.04	12	33	2025	3	30	30	0.05	18.5	18.9	0.5	10.9	499	0.6	1	5.4	6105	0.8
SA5090226	2	0.92	0.85	9	42	2043	3	25	28	0.1	13.6	16.4	0.5	8.4	244	0.1	0.9	5	2681	1.6
SA5090227	2	0.64	0.68	6	19	2125	2	11	9	0.05	6.9	9.5	0.5	4.8	181	0.1	0.025	2.5	1919	0.6
SA5090228	1	1	1.17	9	18	1882	4	19	14	0.05	8.8	12.2	0.5	5.5	326	0.4	0.6	2.7	4848	0.5
SA5090229	0.5	0.08	0.08	0.5	11	521	3	6	1	0.05	2	2.9	0.5	2.5	52	0.1	0.025	0.8	465	0.05
SA5090230	1	0.15	0.16	1	17	1075	1	2.5	1	0.05	3.5	4.8	0.5	4.8	81	0.1	0.025	1.7	767	0.5
SA5090231	0.5	0.08	0.08	0.5	12	1785	1	2.5	1	0.05	2.4	3.2	0.5	3	71	0.1	0.025	1.1	460	0.2
SA5090232	3	0.6	0.62	7	25	2621	3	5	8	0.05	8	9.9	0.5	6	172	0.1	0.6	3.1	2093	0.8
SA5090233	2	0.38	0.39	5	20	2328	2	9	7	0.05	6.7	8.7	0.5	5.2	113	0.3	0.6	2.5	1564	0.8
SA5090234	2	0.67	0.67	5	29	1552	3	12	14	0.05	10.1	12.1	0.5	7.7	184	0.1	0.8	3.6	2101	1
SA5090235	2	0.08	0.07	0.5	13	503	1	2.5	1	0.05	2.4	3	0.5	2.4	53	0.1	0.025	1	510	0.5
SA5090236	3	1.5	1.3	7	14	1098	3	16	11	0.05	8.7	8.7	0.5	5.6	364	0.1	0.5	2.6	2767	1.2
SA5090237	5	0.39	0.32	6	15	1504	2	10	5	0.05	5.6	6.2	0.5	8.4	115	0.1	0.7	3.3	1172	2.6
SA5090238	10	0.8	0.7	6	17	846	3	18	11	0.05	6.7	7.6	0.5	10	211	0.4	0.9	4.7	2022	6.3
SA5090239	24	0.25	0.23	8	23	1442	2	2.5	1	0.05	5.6	6.7	0.5	10.3	109	0.1	0.9	5.4	1127	12.2
SA5090240	11	0.35	0.34	2	8	737	3	7	1	0.05	4.3	5.4	0.5	7.9	144	0.1	0.5	4.7	1181	8.5

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090241	1	2.8	2.41	11	16	1456	6	51	39	0.05	15.8	14	0.5	10.8	587	1.1	1.1	6.6	5713	2.2
SA5090242	17	1.2	1.27	7	17	1020	4	19	20	0.05	7.7	9.1	0.5	7.8	351	0.5	0.6	3.3	2521	2.5
SA5090243	4	0.12	0.12	3	11	469	3	2.5	1	0.05	3	4.3	0.5	12.7	85	0.1	0.9	5.3	620	6
SA5090244	1	0.09	0.08	1	13	502	3	2.5	1	0.05	1.8	2.5	0.5	2.4	61	0.1	0.025	1.2	458	0.3
SA5090245	4	0.23	0.23	2	8	353	3	2.5	1	0.05	3	4	0.5	4.3	101	0.1	0.025	1.4	932	0.8
SA5090246	6	1	0.88	9	15	1097	4	19	7	0.05	8.4	9	0.5	10	253	0.1	0.7	4.1	2280	2.8
SA5090247	1	0.41	0.42	2	13	695	3	9	1	0.05	3.3	4.1	0.5	1.7	139	0.1	0.025	1.4	1563	0.3
SA5090248	7	0.45	0.44	9	11	1855	3	9	2	0.05	4.8	6	0.5	5.1	133	0.1	0.025	2.4	1334	0.7
SA5090249	3	0.15	0.15	2	13	996	2	2.5	1	0.05	2.7	3.4	0.5	5.6	71	0.3	0.025	1.6	692	0.8
SA5090250	1	1.5	1.23	6	18	2008	4	14	13	0.05	8.3	8	0.5	4.7	352	0.3	0.025	2.3	2143	0.4
SA5090251	3	0.22	0.17	6	22	1390	3	2.5	1	0.05	4.5	4.8	0.5	3.9	81	0.1	0.025	2	713	0.3
SA5090252	3	0.19	0.2	1	9	344	2	11	1	0.05	2.7	3.5	0.5	4.5	78	0.1	0.025	2	853	1.8
SA5090253	2	0.43	0.38	6	17	1654	4	2.5	1	0.05	5.5	6	0.5	3.9	125	0.1	0.025	2.2	1206	0.5
SA5090254	3	0.22	0.2	3	17	1100	3	2.5	1	0.05	4.4	4.8	0.5	4.7	82	0.1	0.025	2.3	934	0.6
SA5090255	2	0.07	0.06	0.5	7	340	0.5	2.5	1	0.05	1.2	1.6	0.5	0.9	39	0.1	0.025	0.4	324	0.05
SA5090256	0.5	0.12	0.12	1	18	648	1	2.5	1	0.05	3.1	4	0.5	4	73	0.1	0.025	2.2	684	0.5
SA5090257	2	0.025	0.03	0.5	8	341	0.5	2.5	1	0.05	1.1	1.9	0.5	2.2	42	0.1	0.025	0.6	197	0.3
SA5090258	2	0.1	0.1	3	23	1644	0.5	2.5	1	0.05	4.1	6	0.5	6.8	64	0.1	0.7	2.5	682	0.5
SA5090259	1	0.06	0.06	4	16	1988	0.5	2.5	1	0.05	3.9	5.3	0.5	5.7	54	0.1	0.025	2.1	601	0.4
SA5090260	2	0.53	0.58	5	22	1557	3	9	10	0.05	6.7	8.6	0.5	4.9	164	0.1	0.025	2.6	2178	0.4
SA5090261	1	0.06	0.07	1	20	831	0.5	5	1	0.05	3.7	4.8	0.5	6.1	62	0.2	0.025	2.4	541	0.3
SA5090262	0.5	0.61	0.72	4	13	894	3	13	1	0.05	5	6.9	0.5	3.3	208	0.1	0.025	1.7	1819	0.3
SA5090263	0.5	2.3	1.99	9	21	1530	0.5	25	27	0.1	14.2	14	0.5	7.8	514	0.7	0.9	3.2	3626	0.8
SA5090264	1	0.09	0.09	1	12	544	0.5	2.5	1	0.05	2.7	3.4	0.5	3.3	162	0.1	0.025	1.1	463	0.2
SA5090265	3	2	1.79	11	44	1153	4	70	59	0.3	18.5	18.8	0.5	7.8	384	0.8	0.7	6.3	4637	1.6
SA5090266	1	0.16	0.15	4	18	1476	0.5	2.5	1	0.05	5.6	7.4	0.5	6.1	71	0.1	0.6	2.3	788	0.4
SA5090267	0.5	0.53	0.55	8	31	2527	2	16	11	0.05	9.2	11.7	0.5	6.5	192	0.1	0.8	3.7	1937	0.8
SA5090268	0.5	0.14	0.15	3	14	1922	0.5	2.5	1	0.05	4.1	5.6	0.5	4.4	79	0.1	0.025	1.6	724	0.3
SA5090269	0.5	1.6	1.53	7	34	1452	0.5	16	21	0.1	13.1	13.7	0.5	4.3	305	0.5	0.025	3.3	3122	0.8
SA5090270	0.5	1.4	1.2	9	40	1838	2	20	23	0.2	13.7	13.9	0.5	4.1	227	0.5	0.5	3.3	2949	0.9
SA5090271	0.5	0.55	0.47	6	42	2185	1	16	9	0.1	8.8	9	0.5	3.4	104	0.2	0.025	3.1	1703	0.9
SA5090272	0.5	2	1.64	9	34	829	2	28	24	0.2	19.4	16.9	0.5	5.1	298	0.6	0.7	4.3	4465	1.2
SA5090273	0.5	0.025	0.03	0.5	11	524	3	2.5	1	0.05	1.2	1.4	0.5	0.6	29	0.1	0.025	0.7	159	0.3
SA5090274	0.5	0.19	0.19	2	20	345	2	7	3	0.05	3.4	4.3	0.5	1.4	45	0.1	0.025	1.4	733	0.5
SA5090275	0.5	0.13	0.15	2	35	626	2	8	1	0.05	3.2	4.8	0.5	2.7	45	0.1	0.025	1.8	453	1.3
SA5090276	1	0.44	0.38	3	27	635	3	10	6	0.1	4.3	4.7	0.5	1.6	102	0.3	0.025	1.7	960	1.6
SA5090277	0.5	1.9	1.47	7	39	652	2	43	42	0.3	14.2	12.3	0.5	4	189	0.6	0.6	4.6	2681	1.5
SA5090278	0.5	0.11	0.11	3	35	736	4	15	8	0.1	4.5	5.6	0.5	2.6	48	0.1	0.025	2.4	812	1.3
SA5090279	0.5	1.5	1.36	8	33	574	3	33	36	0.4	13	12.6	0.5	4.8	201	0.6	0.6	5.2	2793	1.8
SA5090280	0.5	0.23	0.24	6	36	1302	4	8	9	0.1	4.9	6.1	0.5	2.9	51	0.1	0.025	2.4	995	0.9
SA5090281	0.5	1	0.96	8	36	1208	3	20	18	0.2	10.3	11.5	0.5	3.4	158	0.3	0.025	3.5	2811	1.4
SA5090282	0.5	0.07	0.07	2	19	666	2	2.5	1	0.05	2.2	3	0.5	1.5	32	0.1	0.025	1	386	0.6
SA5090283	0.5	0.25	0.23	5	35	1354	2	7	3	0.05	5.9	6.9	0.5	2.9	65	0.1	0.025	3	1142	1
SA5090284	2	0.13	0.14	2	28	857	5	6	1	0.2	4.2	5.9	0.5	5.4	37	0.1	0.025	2	617	0.6
SA5090285	0.5	1.2	1.17	7	35	1290	9	21	19	0.2	11.1	13	0.5	3.9	194	0.4	0.025	3.5	2830	1.1
SA5090286	0.5	1.5	1.41	7	32	1119	3	23	21	0.2	12.9	13.9	0.5	4	240	0.4	0.025	3.6	3194	1
SA5090287	0.5	0.27	0.27	4	35	1571	5	14	7	0.1	5.9	7.2	0.5	2.9	56	0.3	0.025	2.6	1264	0.9
SA5090288	1	2	1.67	8	26	531	3	41	37	0.3	14.6	12.7	0.5	4.1	255	0.6	0.6	4.5	2919	1.4
SA5090289	0.5	0.75	0.81	7	33	685	4	15	11	0.2	8.1	9.8	0.5	3.4	153	0.5	0.025	3	2197	1.4
SA5090290	0.5	0.19	0.2	4	35	625	2	15	5	0.1	4.1	5.3	0.5	3.1	42	0.1	0.025	2.5	836	2.2
SA5090291	0.5	1.7	1.38	9	23	838	5	55	48	0.4	15.8	13.6	0.5	4.1	195	0.9	0.025	5.9	3596	1.7
SA5090292	1	0.1	0.09	4	31	602	2	2.5	1	0.05	3	3.8	0.5	2.8	49	0.1	0.025	1.9	502	0.8
SA5090293	0.5	0.47	0.4	4	37	733	2	13	7	0.1	8	8.3	0.5	5.6	88	0.2	0.6	3.4	1592	1.8
SA5090294	0.5	0.39	0.36	5	48	849	2	15	8	0.1	7.9	9	0.5	6	72	0.2	0.6	4.2	1639	1.9
SA5090295	0.5	0.69	0.65	7	47	893	2	16	6	0.1	8.6	9.8	0.5	4.4	123	0.1	0.025	3.1	1922	1.1
SA5090296	0.5	1.4	1.14	8	40	978	3	32	29	0.2	14.8	14.4	0.5	4.6	177	0.5	0.6	4.5	3149	1.4
SA5090297	0.5	0.26	0.23	5	46	800	0.5	13	1	0.1	6	7	0.5	4.3	48	0.1	0.025	2.7	1177	0.8
SA5090298	0.5	0.82	0.77	7	40	1473	5	17	18	0.2	10.5	11.7	0.5	3.7	123	0.3	0.5	3.7	2108	1.1
SA5090299	0.5	1	0.95	7	40	1508	2	15	15	0.2	12	12.5	0.5	4	156	0.3	0.025	3.5	2401	1
SA5090300	1	0.16	0.17	7	29	859	5	6	1	0.05	3	3.9	0.5	1.4	60	0.1	0.025	1.4	659	0.7

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090301	0.5	1.5	1.8	10	24	736	3	17	12	0.2	13.5	16.4	0.5	4.1	342	0.4	0.025	3.2	4826	0.8
SA5090302	0.5	0.44	0.36	4	50	1598	2	15	6	0.05	8.8	8.3	0.5	3.7	81	0.3	0.025	3.5	1506	1
SA5090303	0.5	1.2	1.4	9	28	1065	3	16	12	0.2	11.7	13.8	0.5	3.7	273	0.3	0.025	3	3517	0.5
SA5090304	0.5	0.36	0.31	5	37	2365	2	10	1	0.05	5.9	6.9	0.5	2.8	79	0.1	0.025	2.7	1212	0.6
SA5090305	0.5	0.65	0.61	7	41	1599	4	21	17	0.2	9.4	10.8	0.5	3.9	110	0.3	0.025	3.5	1943	0.9
SA5090306	1	0.7	0.63	9	48	1809	3	19	14	0.2	10	11	0.5	4.5	124	0.5	0.6	4	1908	1.3
SA5090307	0.5	0.58	0.56	6	39	1562	8	23	18	0.2	9	10.4	0.5	3.4	93	0.3	0.025	3.4	1831	1.1
SA5090308	0.5	0.63	0.56	6	41	1456	3	24	21	0.2	10	10.8	0.5	3.7	91	0.3	0.025	3.7	1840	1.1
SA5090309	1	0.75	0.71	7	37	902	2	18	11	0.1	10.2	11	0.5	4.5	144	0.4	0.5	3.4	2288	1.4
SA5090310	1	0.16	0.15	3	28	716	3	6	4	0.1	4.3	5.3	0.5	2.5	38	0.1	0.025	2.2	910	1.4
SA5090311	2	0.06	0.06	1	10	479	1	2.5	1	0.05	1.3	1.5	0.5	0.5	23	0.1	0.025	0.5	191	0.3
SA5090312	0.5	2.2	1.78	8	27	792	4	31	30	0.3	13.7	12	0.5	3.4	240	0.6	0.025	4.6	2575	1.1
SA5090313	0.5	1.6	1.37	10	30	946	2	31	38	0.3	14.5	14.4	0.5	4.3	198	0.8	0.5	4.4	3320	1.5
SA5090314	0.5	0.56	0.44	4	46	1248	2	14	5	0.1	8.1	8.6	0.5	3.7	100	0.2	0.025	3.4	1573	0.9
SA5090315	0.5	0.81	0.72	7	36	859	3	22	15	0.2	8.9	9.7	0.5	4.5	123	0.5	0.025	3.8	1851	1.8
SA5090316	1	0.24	0.21	5	44	1165	9	28	31	0.3	7.9	8.6	0.5	3.6	43	0.1	0.025	4.1	1329	1.6
SA5090317	0.5	0.27	0.27	4	32	651	2	18	8	0.1	5.4	6.7	0.5	3	49	0.1	0.025	2.7	1068	1.8
SA5090318	0.5	0.88	0.79	6	44	497	3	29	19	0.3	10.6	10.8	0.5	4.5	114	0.3	0.6	4.6	1839	1.8
SA5090319	0.5	0.81	0.76	8	34	792	4	22	23	0.2	10	10.8	0.5	3.5	135	0.3	0.025	3.8	2025	1.4
SA5090320	0.5	0.41	0.39	7	44	840	5	17	8	0.2	7.1	8.1	0.5	3.3	70	0.4	0.5	3.2	1332	1.2
SA5090321	1	0.73	0.61	6	50	660	4	21	16	0.2	10.4	10.2	0.5	4.6	106	0.3	0.025	3.8	1729	2.1
SA5090322	0.5	1	0.81	8	37	662	6	32	30	0.2	12.1	12	0.5	3.2	118	0.5	0.025	4.4	2276	1.7
SA5090323	2	0.28	0.26	7	25	1260	6	6	1	0.2	3.8	4.5	0.5	1.4	82	0.2	0.025	1.7	883	1.2
SA5090324	0.5	2.5	1.93	8	32	681	4	41	40	0.3	20.3	17.1	0.5	5.5	325	0.7	0.7	5.1	3483	1.4
SA5090325	0.5	0.93	0.96	9	35	1311	3	22	22	0.2	11.3	13	0.5	4.3	165	0.4	0.025	3.9	2335	1
SA5090326	0.5	0.4	0.41	6	26	2178	2	2.5	2	0.1	6.9	8.6	0.5	4	108	0.1	0.5	2.7	1277	0.6
SA5090327	0.5	0.93	0.81	6	51	734	2	22	15	0.2	10.8	10.8	0.5	3.6	156	0.3	0.025	3.3	2052	1
SA5090328	1	0.73	0.77	6	29	1553	1	12	6	0.05	9	11.2	0.5	4.9	166	0.1	0.5	3.1	1703	0.7
SA5090329	0.5	1.9	1.71	8	26	904	2	20	18	0.05	14.1	14	0.5	4.8	374	0.4	0.6	3.3	3241	0.6
SA5090330	0.5	0.31	0.32	2	17	568	2	9	1	0.05	4.1	5.3	0.5	2.1	92	0.1	0.025	1.5	1025	0.3
SA5090331	1	0.7	0.69	8	25	1903	2	11	15	0.05	8.5	10.1	0.5	3.9	149	0.3	0.025	2.6	1871	0.6
SA5090332	0.5	0.61	0.66	7	29	2150	1	7	6	0.05	8	10.9	0.5	4.7	149	0.1	0.025	3	1707	0.7
SA5090333	0.5	2.5	2.21	11	27	842	2	25	25	0.1	17.9	18.1	0.5	5.2	430	0.6	0.6	4	4553	0.8
SA5090334	1	0.19	0.2	2	29	1036	0.5	7	10	0.05	4.9	6.1	0.5	4.2	66	0.1	0.025	2.5	1048	0.6
SA5090335	0.5	0.12	0.14	2	22	641	1	6	6	0.05	3.4	4.5	0.5	2.2	51	0.1	0.025	1.4	753	0.2
SA5090336	1	1.2	1.28	6	28	1112	0.5	12	22	0.1	11.8	14	0.5	4.6	254	0.4	0.025	3.1	2941	0.6
SA5090337	0.5	3.4	2.91	5	19	412	0.5	31	24	0.1	13.6	12.4	0.5	2.7	476	0.5	0.025	1.9	3188	0.4
SA5090338	0.5	1.1	1.04	6	26	1043	0.5	15	21	0.1	11.5	13	0.5	4.6	205	0.2	0.025	3.1	2505	0.8
SA5090339	0.5	0.83	0.61	4	33	1357	5	17	17	0.2	10	8.5	0.5	2.4	121	0.3	0.025	2.5	1885	0.7
SA5090340	0.5	0.47	0.33	3	37	1859	3	11	9	0.1	7.4	6.5	0.5	2.6	80	0.2	0.025	2.5	1236	0.5
SA5090341	0.5	0.64	0.52	4	38	2057	0.5	11	12	0.1	8.6	8.7	0.5	3	112	0.1	0.025	3	1682	0.6
SA5090342	0.5	2	1.57	5	27	1132	0.5	18	19	0.1	12.9	12.1	0.5	3.4	302	0.4	0.025	2.5	2745	0.5
SA5090343	2	0.23	0.22	2	23	1353	4	2.5	2	0.1	4.1	4.4	0.5	1.4	88	0.1	0.025	1.5	906	0.7
SA5090344	1	0.14	0.14	1	10	365	1	6	6	0.05	1.7	1.9	0.5	0.7	44	0.1	0.025	1	361	0.5
SA5090345	0.5	1.1	1.08	7	33	494	0.5	50	56	0.2	12.2	13.1	0.5	4.9	140	0.7	0.6	6	2674	1.9
SA5090346	0.5	1.8	1.43	7	25	675	4	44	46	0.2	13.7	12.4	0.5	4.7	198	0.8	0.5	7.3	2955	1.3
SA5090347	0.5	1.6	1.31	7	34	581	2	41	46	0.2	15.1	14.1	0.5	5.3	205	0.7	0.6	6.7	3074	1.5
SA5090348	0.5	1.7	1.48	6	25	654	2	32	37	0.3	12.3	11.7	0.5	4.6	224	0.7	0.6	5.2	2629	1.1
SA5090349	1	1.9	1.59	6	27	521	1	41	46	0.3	13.6	12.5	0.5	5.1	208	0.7	0.6	5.8	2735	1.5
SA5090350	0.5	1	0.84	7	36	932	5	43	38	0.2	10.7	10.5	0.5	3.8	126	0.6	0.025	4.9	2112	1.1
SA5090351	0.5	1.3	1.23	7	31	536	2	47	53	0.3	11.8	13.1	0.5	4.7	162	0.8	0.6	5.8	2665	1.8
SA5090352	1	1	0.91	5	25	629	2	24	32	0.2	7.6	8.2	0.5	3.1	137	0.4	0.025	3.6	1644	1.1
SA5090353	0.5	1	1.06	9	30	1409	0.5	28	27	0.3	12.8	15.2	0.5	5.3	86	0.6	1	3.2	3192	0.9
SA5090354	0.5	-9	0.11	2	23	964	10	-9	8	-9	-9	3.8	-9	-9	32	-9	-9	-9	646	-9
SA5090355	0.5	0.31	0.33	3	36	997	0.5	12	14	0.05	5	6.5	0.5	5.8	59	0.1	0.6	3.5	953	0.9
SA5090356	0.5	0.16	0.15	2	34	871	1	19	24	0.2	4.7	6.1	0.5	2.3	32	0.1	0.025	3.1	1080	0.8
SA5090357	1	0.42	0.44	4	31	881	2	22	24	0.2	5.9	7.3	0.5	3	70	0.1	0.025	3.4	1228	1.2
SA5090358	0.5	0.54	0.48	4	38	1952	0.5	11	9	0.05	8.1	8.4	0.5	3.2	98	0.1	0.025	2.9	1555	0.7
SA5090359	1	0.64	0.56	5	47	859	0.5	26	29	0.3	8.9	9.2	0.5	7.4	77	0.3	0.9	5.5	1535	1.8
SA5090360	1	0.2	0.19	2	22	564	0.5	19	30	0.05	4.6	5.9	0.5	1.4	41	0.1	0.025	2.1	1100	0.7

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090361	0.5	0.54	0.58	5	21	809	5	13	7	0.1	5.5	7.3	0.5	2.9	111	0.3	0.025	2.8	1678	0.8
SA5090362	0.5	1.6	1.39	7	31	591	1	35	29	0.2	14.3	14.1	0.5	4.6	221	0.6	0.6	4.5	2957	1.2
SA5090363	1	0.14	0.12	3	28	894	3	26	24	0.3	4.9	6.6	0.5	2.5	33	0.2	0.025	3.1	1152	0.9
SA5090364	1	0.73	0.71	8	38	2206	5	42	47	0.3	10	11.4	0.5	5.2	97	0.4	0.6	5.8	1962	2.2
SA5090365	0.5	1.6	1.44	11	31	323	4	54	55	0.4	15.9	15.6	0.5	5.9	193	0.7	0.7	6.8	3054	2.3
SA5090366	0.5	2.1	1.85	8	36	746	3	45	43	0.2	17	15.6	0.5	5.3	323	0.7	0.6	5.1	3484	1.5
SA5090367	0.5	1.2	1.15	8	43	368	1	46	58	0.2	15.3	15.9	0.5	4.3	171	0.8	0.5	5.5	3447	1.7
SA5090368	0.5	2.8	2.56	6	26	459	3	27	22	0.1	14.7	13.6	0.5	3.3	408	0.4	0.025	2.4	2774	0.7
SA5090369	0.5	0.32	0.33	5	41	763	2	17	9	0.1	5.5	7.2	0.5	4.7	73	0.1	0.025	3.4	1299	0.9
SA5090370	0.5	0.22	0.23	2	14	535	5	5	1	0.1	2.4	3.2	0.5	1.2	46	0.1	0.025	1.3	623	0.4
SA5090371	2	1.1	1	9	42	671	3	52	57	0.3	12.4	13.8	0.5	5.2	136	0.6	0.6	6.5	2803	1.8
SA5090372	0.5	1.8	1.59	10	31	738	6	36	35	0.3	16.3	15.2	0.5	5	265	0.8	0.6	5.3	3397	1.6
SA5090373	0.5	1.4	1.2	8	36	554	3	36	41	0.2	13.5	12.9	0.5	4	179	0.6	0.5	4.4	2763	1.4
SA5090374	1	0.49	0.44	7	31	1082	6	17	10	0.2	7.1	7.3	0.5	2.5	84	0.3	0.025	2.9	1405	0.7
SA5090375	0.5	1.1	0.94	9	39	805	2	34	38	0.2	11.7	11.7	0.5	4.9	131	0.5	0.6	5.3	2416	1.5
SA5090376	0.5	1.4	1.22	9	40	745	4	56	52	0.4	14.9	14	0.5	5.1	163	0.6	0.6	6.3	2920	2
SA5090377	0.5	1	0.93	7	39	435	1	23	27	0.2	10.9	11.4	0.5	3.6	151	0.5	0.025	3.8	2379	1.1
SA5090378	0.5	2	1.62	12	35	512	4	43	37	0.3	17	15.1	0.5	5.2	250	0.6	0.7	5.5	3152	1.9
SA5090379	0.5	0.76	0.73	7	29	877	8	23	24	0.3	8.8	10.3	0.5	3.1	124	0.4	0.025	3.4	2129	1
SA5090380	0.5	1.4	1.23	8	30	813	2	36	19	0.2	12.3	13	0.5	4.3	191	0.5	0.5	4.3	2719	1.2
SA5090381	0.5	1.9	1.54	10	32	612	7	47	44	0.4	16.9	15.2	0.5	4.9	247	0.7	0.6	5.4	3318	1.8
SA5090382	1	0.21	0.19	6	19	1439	9	8	1	0.2	3.2	3.6	0.5	1.2	67	0.1	0.025	1.6	726	0.7
SA5090383	0.5	2.2	1.73	9	27	712	2	36	23	0.2	17.6	14.7	0.5	3.9	284	0.5	0.025	4.1	3493	1
SA5090384	2	0.7	0.52	7	36	945	5	28	16	0.2	11.1	9.7	0.5	3.7	99	0.2	0.025	4.2	2134	1.5
SA5090385	2	0.48	0.36	7	22	1101	8	13	7	0.2	7	6.2	0.5	2	78	0.1	0.025	2.5	1430	0.8
SA5090386	0.5	2.6	2.08	10	33	298	4	33	34	0.3	17.1	14.2	0.5	4.3	331	0.7	0.6	4.2	3488	1.4
SA5090387	0.5	1.7	1.42	14	39	484	6	80	69	0.7	18.6	17.1	0.5	5.6	200	1	0.7	7.2	3798	2.9
SA5090388	0.5	0.32	0.29	5	38	631	3	18	8	0.05	6.1	6.6	0.5	3	118	0.2	0.025	2.9	1174	0.8
SA5090389	0.5	1	0.96	10	40	576	8	46	43	0.4	12.4	13.8	0.5	4.8	128	0.5	0.6	5.7	3061	2
SA5090390	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090391	0.5	0.28	0.22	4	40	1052	2	14	9	0.05	5.6	6	0.5	2.6	57	0.1	0.025	2.6	1097	0.9
SA5090392	0.5	1.4	1.12	9	34	993	3	29	23	0.1	13.9	12.6	0.5	4	190	0.5	0.025	4.1	2998	1
SA5090393	0.5	2.2	1.93	12	32	466	3	43	35	0.3	19.1	17.3	0.5	5.8	330	0.7	0.8	5.3	4516	1.4
SA5090394	0.5	1.1	1.1	10	43	952	3	42	40	0.3	14	15.4	0.5	5.2	175	0.3	0.6	5.1	3294	1.4
SA5090395	1	0.34	0.31	7	23	1091	7	11	11	0.2	4.7	5.2	0.5	1.8	79	0.1	0.025	1.9	1160	1.2
SA5090396	0.5	1.6	1.45	10	39	435	3	55	48	0.3	14.5	14.6	0.5	4.7	188	0.6	0.6	5.9	3499	2.1
SA5090397	1	2.3	1.83	10	38	550	4	55	50	0.5	19.3	16.4	0.5	5.7	291	0.8	0.8	6.2	3866	2.2
SA5090398	0.5	1.1	0.85	8	46	734	4	37	33	0.3	12.8	11.5	0.5	4.6	124	0.5	0.6	4.7	2513	1.3
SA5090399	0.5	0.52	0.48	7	36	980	5	25	21	0.2	7.8	9.1	0.5	3.5	79	0.2	0.025	3.6	1729	1
SA5090400	0.5	1.9	1.73	10	23	226	3	43	37	0.3	12.5	13.5	0.5	5	261	0.9	0.6	6.2	3802	1.7
SA5090401	0.5	1.7	1.48	10	33	482	3	58	50	0.4	16	15.1	0.5	5.3	207	0.8	0.6	6.6	3815	2.6
SA5090402	0.5	1.8	1.56	14	34	296	4	57	50	0.6	17.6	16.5	0.5	5.1	232	0.9	0.6	6.5	3946	1.9
SA5090403	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090404	0.5	0.81	0.77	8	42	1256	4	36	35	0.2	11.5	12.8	0.5	4.3	125	0.3	0.025	4.3	2681	1.1
SA5090405	0.5	1.8	1.56	12	38	813	3	45	49	0.3	18.5	18.2	0.5	6.1	251	0.7	0.8	6.1	4029	1.6
SA5090406	0.5	1.7	1.53	12	37	649	3	41	40	0.2	17.2	17.3	0.5	6	256	0.5	0.8	5.5	3604	1.4
SA5090407	1	0.83	0.78	7	38	1007	3	32	36	0.2	10.9	12.3	0.5	3.7	126	0.4	0.025	3.7	2582	0.9
SA5090408	2	0.17	0.13	4	22	1341	9	7	2	0.2	2.9	3.1	0.5	1.3	55	0.1	0.025	1.3	580	0.6
SA5090409	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090410	0.5	2.3	1.64	9	40	545	3	48	52	0.4	19.5	15.2	0.5	5.1	264	0.6	0.6	5.5	3581	2
SA5090411	0.5	2	1.58	15	33	425	2	40	44	0.3	15.1	13.6	0.5	4.7	226	0.7	0.5	5.3	3366	1.6
SA5090412	0.5	0.93	0.93	8	29	720	4	47	50	0.4	10	12.3	0.5	5.3	121	0.6	0.7	5.8	2608	2
SA5090413	0.5	1.5	1.35	14	41	427	9	49	52	0.5	12.1	12.5	0.5	5	190	0.8	0.7	6.2	3008	1.8
SA5090414	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090415	0.5	1.7	1.48	13	33	295	5	66	65	0.6	15.6	15.2	0.5	6	199	0.9	0.7	7.5	3605	2.5
SA5090416	0.5	2	1.75	11	35	539	1	57	56	0.4	18.7	17.2	0.5	5.3	257	0.8	0.7	6.7	4806	2.1
SA5090417	0.5	1.2	1.03	8	33	792	2	26	27	0.2	12.5	12	0.5	3.4	165	0.3	0.025	3.6	2718	1.1
SA5090418	0.5	0.57	0.52	7	33	1041	3	20	24	0.1	8.7	9.2	0.5	2.8	93	0.2	0.025	3.2	2081	1
SA5090419	0.5	2.7	2.34	9	23	645	2	26	26	0.1	17	16.1	0.5	4.2	426	0.4	0.025	3	4390	0.6
SA5090420	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090421	0.5	1.2	1.08	9	35	941	4	29	38	0.2	14.1	14.7	0.5	4.1	172	0.4	0.025	4.1	3031	1.2
SA5090422	1	0.93	0.83	8	28	679	3	17	26	0.2	9.3	10.1	0.5	2.9	141	0.4	0.025	3.1	2282	1.7
SA5090423	0.5	1.4	1.26	10	34	1371	1	24	29	0.2	12.4	12.9	0.5	4.2	242	0.6	0.5	3.9	2783	1.6
SA5090424	3	0.025	0.04	1	16	667	5	2.5	2	0.1	1.4	1.8	0.5	1	27	0.1	0.025	1	193	1.2
SA5090425	0.5	0.12	0.12	0.5	28	1663	3	2.5	1	0.05	2.8	3.6	0.5	1.7	61	0.1	0.025	1.5	445	0.6
SA5090426	2	0.7	0.62	5	29	833	0.5	21	20	0.1	8.3	8.5	0.5	2.2	111	0.3	0.025	2.7	1829	0.9
SA5090427	0.5	2.4	1.96	5	20	586	0.5	23	29	0.2	14.1	12.9	0.5	3.6	360	0.4	0.025	2.8	2954	0.9
SA5090428	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090429	0.5	2.1	1.79	8	35	293	0.5	56	57	0.3	20.3	19.4	0.5	5.7	287	0.7	0.7	5.9	3856	1.8
SA5090430	0.5	0.79	0.86	4	31	1239	0.5	16	10	0.05	7.1	8.7	0.5	2.6	177	0.3	0.025	2.4	1820	0.8
SA5090431	0.5	2.5	2.04	8	31	687	0.5	33	32	0.2	19	16.9	0.5	5.7	371	0.7	0.7	4.5	3444	1
SA5090432	0.5	1.2	1.17	5	31	916	0.5	19	24	0.1	12.4	13.7	0.5	4.6	209	0.3	0.5	3.7	2533	0.9
SA5090433	0.5	2.3	1.88	8	29	478	0.5	32	27	0.2	16.4	16.1	0.5	5.5	359	0.5	0.7	4.2	3359	1.1
SA5090434	2	0.36	0.33	4	33	802	6	15	17	0.2	6	7	0.5	2.3	86	0.1	0.025	2.6	1339	0.8
SA5090435	0.5	1	0.85	11	23	3279	3	31	24	0.1	11.8	11.5	0.5	3.7	153	0.4	0.025	3.6	1906	0.8
SA5090436	0.5	0.26	0.26	3	22	1128	7	8	3	0.2	4	4.7	0.5	1.6	73	0.1	0.025	1.7	903	0.7
SA5090437	1	1.1	0.94	5	31	1224	7	22	23	0.3	11.2	10.8	0.5	3.4	173	0.3	0.025	3.6	2251	0.9
SA5090438	0.5	0.35	0.36	2	16	626	3	11	10	0.05	4.4	5.1	0.5	1.4	90	0.1	0.025	1.5	1093	0.4
SA5090439	0.5	2.5	2.07	8	35	950	0.5	43	41	0.2	20	18.1	0.5	6.6	401	0.8	0.8	5.6	4245	1.3
SA5090440	1	2.1	1.74	9	49	768	0.5	69	74	0.4	22.2	20.5	0.5	6.9	294	0.9	0.9	7.1	4196	2.2
SA5090441	0.5	2.6	2.03	8	38	914	0.5	56	55	0.3	21.3	18.3	0.5	6.3	366	0.9	0.8	6	4256	1.5
SA5090442	0.5	0.1	0.1	1	27	786	2	6	7	0.05	3.7	5.2	0.5	3.1	54	0.1	0.025	2.2	749	0.6
SA5090443	0.5	0.06	0.05	6	26	2979	2	2.5	1	0.1	2.6	3.3	0.5	2.2	61	0.1	0.025	1.6	370	0.3
SA5090444	0.5	0.025	0.04	6	19	2944	0.5	2.5	1	0.05	2.1	2.9	0.5	1.7	37	0.1	0.025	1.4	262	0.3
SA5090445	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090446	0.5	2.5	2.31	7	20	518	1	32	34	0.1	12.5	12.1	0.5	3.9	464	0.3	0.5	2.5	2663	0.6
SA5090447	0.5	1.4	1.44	6	25	1279	1	18	21	0.05	10.1	11.6	0.5	4.6	318	0.3	0.6	2.7	2794	0.6
SA5090448	0.5	0.025	0.05	1	22	689	1	2.5	5	0.05	1.7	2.2	0.5	1.4	30	0.1	0.025	1	293	0.2
SA5090449	0.5	1.9	1.79	8	27	639	1	22	23	0.1	13.7	13.6	0.5	3.9	344	0.4	0.025	2.9	3419	0.6
SA5090450	0.5	0.37	0.34	6	38	2143	1	17	22	0.1	7.6	9	0.5	4.5	93	0.3	0.025	4.1	1593	0.9
SA5090451	0.5	1.2	0.96	7	24	1140	10	16	21	0.2	10.4	9.8	0.5	3.3	198	0.2	0.025	3	2413	0.7
SA5090452	0.5	0.5	0.4	5	36	1234	6	15	17	0.2	7.9	8.1	0.5	3.6	91	0.1	0.025	3.4	1687	0.9
SA5090453	0.5	0.07	0.06	2	23	563	2	2.5	3	0.05	2.8	3.9	0.5	3.4	38	0.1	0.025	2	512	0.6
SA5090454	0.5	2.3	1.89	9	41	760	2	47	45	0.3	19.8	17.3	0.5	5.6	313	0.8	0.8	5.5	4114	1.6
SA5090455	0.5	0.34	0.31	5	30	2103	0.5	10	7	0.05	6.3	6.5	0.5	3.2	88	0.1	0.025	2.8	1117	0.5
SA5090456	0.5	0.63	0.66	5	25	1422	2	11	12	0.05	6.8	8.1	0.5	3.7	154	0.1	0.025	2.3	1754	0.5
SA5090457	0.5	2.7	2.31	8	26	823	1	34	29	0.1	17.4	15.5	0.5	4.7	428	0.5	0.6	3.3	3875	0.7
SA5090458	0.5	0.25	0.23	4	30	1010	1	7	9	0.05	3.8	4.3	0.5	2	75	0.1	0.025	1.8	896	0.5
SA5090459	0.5	0.51	0.47	6	32	1111	7	17	17	0.2	6.5	7.4	0.5	2.5	109	0.3	0.025	2.6	1643	0.8
SA5090460	0.5	0.42	0.37	5	36	1269	1	15	12	0.05	7.4	7.9	0.5	3.7	89	0.3	0.025	3.8	1674	0.9
SA5090461	2	1.1	1.02	9	36	747	3	28	29	0.2	11.3	11.7	0.5	3.5	173	0.3	0.025	3.9	2908	1.5
SA5090462	1	1.6	1.38	10	31	699	3	33	30	0.2	14.3	13.2	0.5	4	230	0.6	0.025	4.3	3403	1.3
SA5090463	0.5	0.28	0.25	5	39	1153	2	11	13	0.1	5.3	5.8	0.5	2.9	61	0.2	0.025	2.7	1067	0.8
SA5090464	0.5	0.2	0.22	3	28	887	2	2.5	7	0.05	3.6	4.6	0.5	2.1	57	0.1	0.025	1.6	906	0.6
SA5090465	0.5	1.7	1.57	9	30	923	2	35	23	0.2	13.4	13.3	0.5	3.9	289	0.5	0.5	3.5	3388	0.9
SA5090466	0.5	2.2	1.9	6	27	832	2	27	28	0.05	12.2	11.4	0.5	4.1	398	0.1	0.5	2.9	2695	0.7
SA5090467	0.5	0.09	0.08	2	22	1050	0.5	9	4	0.05	2.6	3.3	0.5	1.5	49	0.1	0.025	1.5	565	0.3
SA5090468	0.5	0.58	0.53	6	33	1342	2	13	16	0.05	7.8	8.6	0.5	3.4	108	0.3	0.025	3.1	1840	0.8
SA5090469	0.5	-9	0.11	2	29	576	2	-9	7	-9	-9	3.5	-9	-9	47	-9	-9	-9	551	-9
SA5090470	0.5	1.9	1.57	8	28	782	5	38	43	0.3	14.3	12.8	0.5	4.1	263	0.7	0.025	4.4	3031	1.2
SA5090471	0.5	1.6	1.41	11	42	751	3	42	43	0.3	16.1	16	0.5	4.8	231	0.7	0.5	5.2	3865	1.6
SA5090472	0.5	2.1	1.93	11	43	750	3	62	62	0.4	20	19.1	0.5	6.3	313	0.8	0.8	6.4	4465	2
SA5090473	0.5	1	1.14	8	37	1511	0.5	28	27	0.1	10.9	13	0.5	4.8	208	0.6	0.5	3.9	2688	0.9
SA5090474	0.5	2.1	1.72	9	30	667	4	41	36	0.3	16.5	14.2	0.5	4.6	297	0.6	0.6	4.7	3405	1.3
SA5090475	0.5	0.42	0.42	6	34	1922	0.5	19	24	0.05	7.3	9.2	0.5	4.1	92	0.3	0.025	3.3	1651	0.7
SA5090476	0.5	2.2	1.94	10	35	1030	0.5	27	34	0.1	17.9	16.7	0.5	4.9	350	0.4	0.025	3.8	4212	0.8
SA5090477	0.5	0.26	0.24	4	37	997	2	14	10	0.05	5.8	6.9	0.5	3.6	71	0.1	0.025	3	1281	0.6
SA5090478	0.5	2.3	2.15	9	22	1091	3	30	31	0.1	15.3	15.1	0.5	5.7	453	0.5	0.6	3.4	4341	0.8
SA5090479	0.5	0.09	0.1	3	33	1341	0.5	2.5	1	0.05	1.7	2.2	0.5	1.5	50	0.1	0.025	0.9	270	0.05
SA5090480	0.5	1.6	1.38	16	39	517	7	60	55	0.6	14.2	13.3	0.5	4.8	179	0.7	0.6	6.3	3263	2.3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090481	0.5	1.7	1.51	10	31	403	3	59	56	0.5	15.6	15.4	0.5	5.2	197	0.7	0.7	6.6	3400	2.3
SA5090482	1	0.13	0.12	3	20	714	9	2.5	10	0.2	2.1	2.4	0.5	0.9	43	0.1	0.025	1.1	475	0.8
SA5090483	0.5	1.5	1.37	11	36	416	4	53	55	0.4	14.9	15.1	0.5	5	185	0.7	0.7	6.4	3380	2.2
SA5090484	0.5	1.4	1.32	10	36	385	2	68	70	0.4	16.1	16.2	0.5	5	166	0.6	0.6	6.7	3707	2.4
SA5090485	0.5	1.4	1.31	8	32	533	9	39	44	0.3	11.8	12.4	0.5	4	170	0.6	0.025	4.7	2672	1.8
SA5090486	0.5	2	1.64	15	31	809	3	50	44	0.4	17.2	15.5	0.5	4.7	248	0.7	0.6	5.2	3516	1.4
SA5090487	0.5	1.9	1.36	13	44	521	4	97	94	0.9	22.4	18.3	0.5	6.1	156	0.9	0.8	8.8	4076	3.9
SA5090488	1	0.73	0.62	8	37	1452	2	28	32	0.2	10	10	0.5	4	94	0.3	0.5	4.4	1972	1.8
SA5090489	0.5	1	0.92	8	38	816	2	33	33	0.2	11.8	11.9	0.5	3.6	143	0.3	0.025	4.2	2637	1.4
SA5090490	0.5	1.6	1.43	8	36	511	3	49	51	0.4	14.1	13.7	0.5	4.6	190	0.7	0.6	5.6	3074	2.1
SA5090491	0.5	2.2	1.96	11	34	726	2	30	31	0.2	16.6	15.6	0.5	5.2	337	0.6	0.6	4.2	3369	1.1
SA5090492	0.5	1.4	1.47	10	34	911	1	28	33	0.2	13.6	15.6	0.5	5.2	252	0.4	0.7	4.3	3002	1
SA5090493	0.5	2.3	2.04	8	28	603	1	33	34	0.2	17.4	15.8	0.5	4.6	376	0.6	0.7	3.9	4146	1
SA5090494	0.5	2.3	1.82	12	44	594	3	56	56	0.3	23.4	20.3	0.5	6.8	296	0.5	1	6.8	4310	2.2
SA5090495	0.5	0.21	0.16	5	50	1059	2	9	8	0.2	6.4	6.6	0.5	4	59	0.1	0.025	3.6	796	1.1
SA5090496	0.5	2.3	2.06	9	29	689	1	34	33	0.2	16.8	17	0.5	5.8	367	0.6	0.7	4.7	3768	1.3
SA5090497	0.5	1.6	1.55	9	28	995	4	24	29	0.2	13.8	15	0.5	4.3	280	0.4	0.6	4	3542	1
SA5090498	0.5	2	2.02	10	23	725	0.5	26	27	0.1	13.9	14.9	0.5	4.6	378	0.4	0.6	3.3	3241	0.8
SA5090499	0.5	0.28	0.25	9	21	1966	7	10	9	0.2	4.4	4.6	0.5	1.4	63	0.1	0.025	1.6	1011	0.5
SA5090500	0.5	1.9	1.73	9	27	1171	1	21	25	0.2	15.1	15.1	0.5	4.8	340	0.5	0.6	3.8	3876	1
SA5090501	0.5	2.3	1.9	9	38	756	2	45	44	0.3	19.4	17.5	0.5	5.7	332	0.6	0.7	5.2	4063	1.6
SA5090502	0.5	0.26	0.24	7	19	3189	5	8	8	0.1	2.7	3.4	0.5	1.1	83	0.1	0.025	0.9	667	0.4
SA5090503	0.5	1.5	1.65	7	29	710	0.5	28	34	0.2	13.1	15.2	0.5	4.8	290	0.5	0.6	4	3268	0.9
SA5090504	0.5	2.1	1.92	8	31	818	1	38	37	0.2	17.4	16.9	0.5	5.7	357	0.7	0.7	4.9	3946	1.2
SA5090505	0.5	1	1.04	7	29	1068	0.5	23	26	0.1	9.5	12.4	0.5	3.8	199	0.3	0.025	3.2	2646	0.8
SA5090506	0.5	1.9	1.7	8	31	895	3	34	31	0.2	13.8	15.1	0.5	5.1	344	0.5	0.7	4	3388	1
SA5090507	0.5	2.4	2.26	10	22	1111	2	25	27	0.05	16.3	16.5	0.5	5.7	498	0.6	0.7	3	5155	0.6
SA5090508	0.5	1.1	1.2	7	32	978	1	23	25	0.1	10.5	13.1	0.5	5.2	248	0.1	0.7	3.7	2697	0.9
SA5090509	0.5	0.14	0.15	2	25	894	0.5	7	14	0.05	3.7	5.3	0.5	2.9	55	0.1	0.025	2.4	992	0.5
SA5090510	0.5	1.8	2.03	10	28	1110	0.5	27	29	0.05	12.6	15.5	0.5	5.4	459	0.5	0.6	3.3	5155	0.7
SA5090511	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090512	0.5	0.05	0.06	2	13	752	3	2.5	5	0.05	2.2	3.3	0.5	1.7	39	0.1	0.025	1.2	424	0.4
SA5090513	0.5	0.92	1.03	6	31	933	2	21	22	0.1	10	13	0.5	4.9	201	0.4	0.5	3.9	2590	1
SA5090514	0.5	0.08	0.08	1	18	622	0.5	2.5	5	0.05	2.4	3.3	0.5	2.4	67	0.1	0.025	1.3	453	0.3
SA5090515	0.5	0.19	0.2	2	15	518	0.5	7	7	0.05	2.6	4.1	0.5	1.7	73	0.1	0.025	1.5	833	0.2
SA5090516	0.5	0.27	0.24	8	24	1223	2	2.5	7	0.05	4.3	4.8	0.5	2	74	0.1	0.025	1.6	814	0.5
SA5090517	0.5	0.48	0.45	4	25	1016	1	8	11	0.05	6.2	7.3	0.5	3.9	123	0.1	0.025	2.3	1471	0.5
SA5090518	0.5	2	1.99	9	23	1046	2	22	19	0.05	13.6	14.6	0.5	5.4	460	0.5	0.6	3	4706	0.6
SA5090519	0.5	0.24	0.27	2	15	619	2	6	11	0.05	3.2	4.6	0.5	2.1	190	0.1	0.025	1.4	1017	0.3
SA5090520	0.5	0.15	0.17	2	14	360	1	9	6	0.05	2.4	3.4	0.5	1.3	73	0.1	0.025	1.1	760	0.4
SA5090521	0.5	0.3	0.33	3	20	818	1	15	9	0.05	4.3	6	0.5	3.1	115	0.1	0.025	2.1	1422	0.4
SA5090522	0.5	0.25	0.26	3	20	715	1	10	7	0.05	3.7	5.2	0.5	2.6	96	0.1	0.025	1.8	1085	0.3
SA5090523	0.5	2.1	1.98	8	21	913	5	28	32	0.1	14	14.2	0.5	5.3	446	0.5	0.6	3.4	4818	0.7
SA5090524	0.5	0.12	0.12	2	16	545	0.5	12	3	0.05	2.1	3.4	0.5	2.1	55	0.1	0.025	0.9	549	0.3
SA5090525	0.5	0.48	0.53	4	25	942	0.5	11	13	0.05	5.7	7.8	0.5	3.7	127	0.2	0.025	2.1	1580	0.4
SA5090526	0.5	0.49	0.48	12	19	1620	5	9	17	0.1	8.2	9.7	0.5	3.9	97	0.1	0.025	2.8	1683	0.7
SA5090527	0.5	0.79	0.75	7	32	1785	2	12	16	0.05	10	11.8	0.5	5.5	166	0.1	0.5	3.4	2007	0.9
SA5090528	0.5	0.09	0.08	1	22	544	2	5	2	0.05	2.9	3.7	0.5	2.5	52	0.1	0.025	1.4	420	0.3
SA5090529	1	0.16	0.15	2	21	642	4	7	6	0.05	4.5	5.7	0.5	2.9	65	0.1	0.025	2.1	912	0.4
SA5090530	0.5	0.9	0.99	8	35	1430	1	17	18	0.05	10.9	13.8	0.5	5.6	218	0.4	0.025	3.8	2612	1
SA5090531	2	0.07	0.07	0.5	18	566	0.5	2.5	1	0.05	2	2.9	0.5	1.9	47	0.1	0.025	1.1	469	0.3
SA5090532	0.5	0.58	0.68	5	20	725	2	9	15	0.05	5.7	7.7	0.5	2.5	182	0.3	0.025	2	2074	0.3
SA5090533	3	0.23	0.24	2	12	776	1	2.5	2	0.05	3.7	5	0.5	3.7	91	0.1	0.025	1.2	824	1.8
SA5090534	0.5	0.07	0.06	0.5	20	438	1	2.5	5	0.05	2.5	4	0.5	2.5	50	0.1	0.025	1.3	441	0.2
SA5090535	0.5	0.06	0.05	0.5	6	384	1	2.5	1	0.05	0.8	1.2	0.5	1	37	0.1	0.025	0.4	85	0.05
SA5090536	0.5	0.72	0.71	5	28	910	3	16	25	0.1	8.3	10.6	0.5	3.7	155	0.1	0.025	3.2	2296	0.8
SA5090537	0.5	1.2	1.27	7	31	998	3	21	31	0.05	11.6	13.5	0.5	4.6	266	0.2	0.7	3.4	2929	0.8
SA5090538	0.5	0.84	0.93	6	24	1213	3	2.5	17	0.05	7.8	10.2	0.5	4.4	236	0.1	0.5	2.5	2341	0.4
SA5090539	0.5	2.6	2.41	8	24	1028	2	31	26	0.05	15.7	15.8	0.5	5.7	495	0.7	0.6	3.6	4292	0.8
SA5090540	0.5	1.3	1.41	6	23	1098	2	26	24	0.05	10	12.3	0.5	4.6	340	0.4	0.025	2.7	2989	0.5

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090541	0.5	0.82	0.91	7	25	1537	4	17	18	0.1	7.8	9.7	0.5	3.7	227	0.3	0.025	2.5	2165	0.4
SA5090542	0.5	0.42	0.46	3	22	829	1	10	12	0.05	5.3	6.7	0.5	3.4	125	0.1	0.025	2.1	1466	0.5
SA5090543	0.5	2.9	2.46	7	18	947	4	33	27	0.05	15.3	14	0.5	5.6	562	0.7	0.6	3.1	4610	0.5
SA5090544	0.5	0.2	0.19	4	31	1375	1	2.5	9	0.05	4.1	5.3	0.5	2.8	71	0.2	0.025	2.3	972	0.3
SA5090545	1	0.07	0.06	1	34	583	1	2.5	1	0.05	2.7	3.2	0.5	2.5	63	0.1	0.025	1.8	402	0.2
SA5090546	0.5	0.18	0.15	2	18	552	0.5	2.5	5	0.05	3.3	4.2	0.5	2.8	61	0.1	0.025	1.6	732	0.4
SA5090547	0.5	0.35	0.41	2	15	723	3	9	7	0.05	3.8	5.3	0.5	2.1	115	0.3	0.025	1.6	1239	0.3
SA5090548	0.5	0.26	0.3	3	14	910	2	8	10	0.05	3.4	4.7	0.5	2	95	0.1	0.025	1.3	1147	0.3
SA5090549	1	1.7	1.7	8	36	918	3	37	38	0.2	14.3	15.7	0.5	5.5	344	0.4	0.6	4.6	3745	1.3
SA5090550	0.5	0.17	0.18	4	27	1027	2	13	10	0.05	4	5.6	0.5	3.3	51	0.1	0.025	2.3	1173	0.4
SA5090551	0.5	0.34	0.34	4	29	1070	0.5	6	8	0.05	5.4	6.6	0.5	4.1	101	0.1	0.025	2.6	1194	0.4
SA5090552	0.5	0.34	0.34	3	22	879	2	5	5	0.05	5.1	6.8	0.5	4.5	123	0.2	0.025	2.2	1140	0.5
SA5090553	0.5	0.44	0.46	4	29	890	0.5	6	9	0.05	5.4	7.3	0.5	4.6	134	0.1	0.025	2.4	1225	0.6
SA5090554	0.5	0.32	0.33	3	25	902	0.5	7	7	0.05	4.9	6.8	0.5	5.2	98	0.1	0.5	2.9	1113	0.6
SA5090555	0.5	0.1	0.1	1	14	541	0.5	8	1	0.05	2.3	3.1	0.5	1.8	44	0.1	0.025	1.3	570	0.4
SA5090556	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090557	0.5	0.12	0.13	1	17	779	1	11	5	0.05	2.8	4.1	0.5	2.5	51	0.1	0.025	1.7	710	0.3
SA5090558	0.5	0.23	0.24	3	21	755	2	12	9	0.05	4	5.5	0.5	2.7	91	0.1	0.025	1.8	1165	0.5
SA5090559	0.5	0.06	0.07	1	11	600	0.5	2.5	1	0.05	1.7	2.5	0.5	1.4	38	0.1	0.025	0.7	403	0.3
SA5090560	0.5	0.07	0.08	2	18	483	0.5	2.5	6	0.05	2.4	3.3	0.5	2.4	44	0.1	0.025	1.5	473	0.4
SA5090561	0.5	0.19	0.19	5	28	2089	2	15	19	0.05	5.4	7.2	0.5	4.4	82	0.1	0.025	2.6	1453	0.6
SA5090562	0.5	0.13	0.15	1	18	553	0.5	2.5	1	0.05	2.9	4.2	0.5	2.7	92	0.1	0.025	1.6	623	0.3
SA5090563	1	0.13	0.14	2	22	687	0.5	6	4	0.05	3.2	4.1	0.5	2.9	61	0.1	0.025	1.5	780	0.4
SA5090564	0.5	0.15	0.17	2	18	698	3	2.5	7	0.05	2.7	4	0.5	2.7	66	0.1	0.025	1.3	783	0.3
SA5090565	0.5	0.13	0.11	1	24	584	2	2.5	1	0.05	3.2	3.9	0.5	2.6	70	0.1	0.025	1.6	612	0.3
SA5090566	0.5	0.15	0.14	2	17	721	0.5	8	6	0.05	3.7	4.5	0.5	3.1	61	0.1	0.025	1.6	834	0.3
SA5090567	0.5	0.19	0.19	2	19	1099	0.5	2.5	1	0.05	3.8	5.2	0.5	4.4	93	0.1	0.025	1.8	778	0.3
SA5090568	3	0.12	0.12	2	15	391	1	12	10	0.05	3.3	4.1	0.5	2.2	62	0.1	0.025	1.5	852	0.3
SA5090569	2	0.09	0.1	2	13	1653	2	2.5	1	0.05	2.6	3.2	0.5	1.8	45	0.1	0.025	1.2	579	0.3
SA5090570	1	0.06	0.07	1	17	400	2	9	4	0.05	3.1	3.9	0.5	2.8	56	0.1	0.025	1.6	576	0.5
SA5090571	0.5	0.34	0.35	2	19	749	2	12	10	0.05	5.3	6.3	0.5	3.7	108	0.1	0.025	2.2	1218	0.6
SA5090572	0.5	0.05	0.05	1	13	371	0.5	2.5	5	0.05	2.1	3	0.5	1.8	41	0.2	0.025	0.8	471	0.3
SA5090573	0.5	1.8	1.74	7	20	944	2	23	22	0.05	11.9	13.2	0.5	5	411	0.4	0.5	3.1	3858	0.6
SA5090574	0.5	0.66	0.83	5	23	990	0.5	10	19	0.05	6.5	9.2	0.5	5	233	0.1	0.5	2.8	1983	0.7
SA5090575	0.5	0.09	0.09	2	14	652	2	8	10	0.05	3	3.9	0.5	2	47	0.1	0.025	1.4	860	0.3
SA5090576	0.5	1.4	1.62	6	17	960	2	21	21	0.05	8.6	10.6	0.5	4.4	416	0.4	0.5	2.2	2935	0.4
SA5090577	0.5	1.1	1.26	5	15	659	2	20	22	0.05	7.6	9.9	0.5	2.8	304	0.2	0.025	1.9	2552	0.5
SA5090578	0.5	0.53	0.68	4	15	583	2	14	14	0.05	4.9	6.7	0.5	2.1	171	0.3	0.025	1.6	1778	0.3
SA5090579	0.5	0.84	1.03	6	18	993	2	14	18	0.05	8	10.5	0.5	3.8	268	0.2	0.025	2.1	3327	0.5
SA5090580	0.5	0.06	0.07	1	13	566	1	2.5	3	0.05	1.6	2.4	0.5	1.4	41	0.1	0.025	0.9	453	0.05
SA5090581	0.5	0.08	0.09	1	18	548	0.5	2.5	1	0.05	2.8	3.8	0.5	2.9	51	0.1	0.025	1.8	450	0.1
SA5090582	0.5	0.14	0.15	2	17	804	3	10	1	0.05	3.1	4.2	0.5	2.4	60	0.1	0.025	1.4	791	0.3
SA5090583	2	0.07	0.07	2	22	654	0.5	8	4	0.05	3.3	4.7	0.5	4.6	65	0.2	0.025	2.3	573	1
SA5090584	1	0.09	0.09	0.5	14	636	1	2.5	1	0.05	2.2	3.2	0.5	2.1	52	0.1	0.025	1.3	489	0.3
SA5090585	0.5	2.2	2.02	8	24	1209	2	34	38	0.1	14.9	14.6	0.5	7.3	451	0.4	0.9	4.2	3546	1
SA5090586	3	0.17	0.18	2	18	574	2	6	1	0.05	3.3	4.7	0.5	2.9	82	0.1	0.025	1.8	842	0.5
SA5090587	6	0.19	0.21	11	40	2523	2	6	10	0.05	7.2	9.3	0.5	6.6	95	0.1	0.6	3.3	969	0.6
SA5090588	3	0.44	0.47	10	33	2140	2	11	13	0.05	10	11.9	0.5	8.1	360	0.3	0.7	4.1	1527	0.9
SA5090589	2	2.1	2.18	11	21	1182	4	29	33	0.1	15	14.9	0.5	7	537	0.9	0.6	3.3	5221	0.7
SA5090590	2	0.09	0.09	0.5	13	713	4	2.5	1	0.05	2.5	3.2	0.5	3.1	59	0.1	0.025	1	388	0.3
SA5090591	3	0.13	0.13	2	15	2303	1	8	7	0.05	3.2	4.2	0.5	2.8	78	0.1	0.025	1.3	727	0.3
SA5090592	0.5	0.11	0.14	0.5	11	610	2	2.5	1	0.05	2.6	3.8	0.5	3.3	66	0.1	0.025	1.1	501	0.3
SA5090593	2	0.18	0.21	1	12	627	0.5	2.5	1	0.05	3	4.3	0.5	3.6	80	0.1	0.025	1.4	705	0.4
SA5090594	2	0.5	0.56	3	15	1058	2	7	4	0.05	5.4	7.2	0.5	5.1	172	0.2	0.6	2	1555	0.5
SA5090595	2	0.24	0.27	2	18	1161	1	13	7	0.05	4.1	5.5	0.5	4.3	89	0.1	0.025	2.1	1017	0.5
SA5090596	0.5	0.37	0.42	3	13	1017	1	8	6	0.05	3.9	5.4	0.5	2.7	127	0.1	0.025	1.4	1289	0.3
SA5090597	2	0.07	0.08	2	20	1617	0.5	2.5	1	0.05	3.1	4	0.5	3.3	80	0.1	0.025	1.5	425	0.3
SA5090598	2	0.61	0.7	5	15	1077	4	10	4	0.05	6.4	8.1	0.5	6.2	208	0.4	0.5	2.4	1856	0.6
SA5090599	1	0.27	0.31	3	16	1653	1	2.5	4	0.05	5.4	7.2	0.5	7.5	110	0.1	0.6	2.5	1065	0.7

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090600	0.5	0.65	0.72	4	21	1130	2	13	7	0.05	6.6	7.9	0.5	4.6	200	0.3	0.025	2.2	1714	0.5
SA5090601	3	0.24	0.23	7	14	2445	3	9	7	0.05	7.8	9.7	0.5	8.8	79	0.1	0.8	3.1	1000	0.7
SA5090602	0.5	0.08	0.06	1	16	687	0.5	2.5	2	0.05	3.5	4.9	0.5	6.4	54	0.1	0.6	1.5	396	0.4
SA5090603	1	0.28	0.29	4	14	1081	6	2.5	4	0.05	6.7	8	0.5	8.2	113	0.1	0.9	2.6	1073	0.7
SA5090604	2	0.025	0.06	0.5	15	589	0.5	2.5	1	0.05	3.6	4.7	0.5	6	61	0.1	0.025	1.5	352	0.7
SA5090605	0.5	0.025	0.04	0.5	9	385	3	2.5	1	0.05	1.8	2.6	0.5	2	51	0.1	0.025	0.6	211	0.3
SA5090606	1	0.1	0.11	1	16	707	2	2.5	1	0.05	4.7	6.1	0.5	7	70	0.1	0.5	2.1	520	0.6
SA5090607	1	0.14	0.16	2	15	1283	0.5	2.5	5	0.05	4.4	5.6	0.5	5.3	77	0.1	0.6	1.6	613	0.5
SA5090608	0.5	0.09	0.1	0.5	8	423	0.5	2.5	1	0.05	2.3	3.1	0.5	2.6	61	0.1	0.025	0.8	392	0.4
SA5090609	0.5	0.09	0.1	0.5	9	600	1	2.5	1	0.05	2.1	3.1	0.5	2.7	56	0.1	0.025	1	394	0.3
SA5090610	0.5	0.16	0.16	1	11	956	2	5	1	0.05	3	3.9	0.5	3.8	77	0.1	0.025	1.2	572	0.2
SA5090611	1	0.17	0.18	2	12	1165	7	5	1	0.05	3.4	4.7	0.5	4.7	82	0.1	0.025	1.3	685	0.4
SA5090612	2	1.1	1.21	11	26	1231	2	16	22	0.05	12.8	15.6	0.5	8.6	345	0.4	1	4.5	5608	1
SA5090613	3	0.5	0.58	4	19	1279	2	10	1	0.05	6.2	8.5	0.5	6	169	0.1	0.025	2.4	1410	0.5
SA5090614	2	0.12	0.12	3	19	1311	0.5	2.5	1	0.05	4.6	6	0.5	5.8	62	0.3	0.6	2.1	524	0.4
SA5090615	0.5	0.31	0.36	4	20	2521	2	15	16	0.05	6.1	8.4	0.5	6.9	131	0.2	0.6	2.8	1472	0.7
SA5090616	1	1.3	1.49	5	15	1093	4	25	21	0.05	8.4	10.3	0.5	5.1	388	0.1	0.5	2.1	2364	0.6
SA5090617	20	0.025	0.05	0.5	20	513	4	2.5	1	0.05	3.8	5.4	0.5	6.5	67	0.1	0.5	2.2	257	1.8
SA5090618	2	1	1.11	6	19	1111	4	18	18	0.05	9.1	11.1	0.5	5.1	337	0.4	0.5	3	3124	0.8
SA5090619	2	0.11	0.12	0.5	12	691	0.5	2.5	3	0.05	2.2	3	0.5	2.3	52	0.1	0.025	1.2	509	0.4
SA5090620	3	0.16	0.17	3	13	1961	0.5	6	3	0.05	3.9	5.4	0.5	5	67	0.1	0.025	1.7	721	0.5
SA5090621	2	0.09	0.1	1	11	1395	1	2.5	1	0.05	1.8	2.7	0.5	2.1	51	0.1	0.025	0.9	464	0.2
SA5090622	0.5	1	1.51	9	15	1258	1	12	25	0.05	7.6	12.1	0.5	4.8	410	0.3	0.025	2.2	5456	0.4
SA5090623	1	0.68	0.82	5	11	953	3	12	15	0.05	5.3	7.2	0.5	3.2	235	0.2	0.025	1.5	2245	0.3
SA5090624	2	0.52	0.62	3	17	838	0.5	10	8	0.05	5.1	7	0.5	3.9	185	0.1	0.025	1.8	1611	0.4
SA5090625	1	1.1	1.43	5	20	925	0.5	16	20	0.05	7.6	10.2	0.5	4.6	396	0.2	0.025	2.2	2745	0.5
SA5090626	2	0.07	0.09	1	12	707	1	2.5	1	0.05	2	2.8	0.5	1.7	48	0.1	0.025	1	486	0.4
SA5090627	1	0.16	0.2	2	19	1837	0.5	6	4	0.05	3.8	5.4	0.5	3.7	83	0.1	0.025	1.9	876	0.4
SA5090628	1	0.1	0.12	2	14	1653	0.5	2.5	2	0.05	2.2	3.3	0.5	2.1	56	0.1	0.025	1.1	663	0.3
SA5090629	1	0.09	0.1	0.5	12	518	0.5	2.5	4	0.05	2	2.6	0.5	1.6	54	0.1	0.025	0.8	444	0.1
SA5090630	3	0.08	0.1	1	14	1170	0.5	2.5	1	0.05	2.6	3.8	0.5	3	51	0.1	0.025	1.2	516	0.4
SA5090631	3	0.1	0.1	3	17	1782	0.5	2.5	7	0.05	3.9	5.1	0.5	3.1	90	0.1	0.025	1.8	563	0.2
SA5090632	1	1	1.22	4	20	1217	0.5	15	19	0.05	7.5	9.5	0.5	4.9	320	0.3	0.025	2.3	2320	0.4
SA5090633	0.5	1.7	1.88	6	23	1217	0.5	23	31	0.05	10.5	12	0.5	5.5	462	0.5	0.6	2.7	3163	0.6
SA5090634	0.5	0.06	0.07	0.5	11	452	0.5	2.5	2	0.05	1.7	2.5	0.5	1.4	49	0.1	0.025	0.8	395	0.2
SA5090635	0.5	2.1	2.2	8	19	1196	1	22	24	0.05	13.4	14.3	0.5	5.7	507	0.4	0.6	2.8	4620	0.6
SA5090636	0.5	0.83	0.75	6	21	1313	4	13	17	0.1	8.5	8.5	0.5	4.1	202	0.1	0.025	2.7	2140	0.5
SA5090637	0.5	0.73	0.69	7	17	1726	4	11	14	0.2	8	8.5	0.5	4	183	0.1	0.025	2.6	2177	0.6
SA5090638	0.5	2	1.73	7	24	1100	2	32	40	0.1	13.7	13	0.5	5.8	405	0.4	0.6	3.6	3288	0.8
SA5090639	2	0.09	0.09	2	18	2160	0.5	2.5	1	0.05	3.3	4.4	0.5	2.7	54	0.1	0.025	1.5	555	0.3
SA5090640	1	1.1	1.09	6	16	1442	7	13	17	0.2	10	11	0.5	6.5	281	0.1	0.6	3.5	2468	0.9
SA5090641	2	0.31	0.31	3	18	1238	2	6	8	0.05	5	5.9	0.5	4.5	101	0.1	0.025	3	1141	0.8
SA5090642	2	0.59	0.59	7	18	2011	0.5	14	8	0.05	8.4	9.8	0.5	6.1	159	0.3	0.6	3.7	1801	1
SA5090643	1	0.16	0.18	1	9	395	1	2.5	1	0.05	2	2.7	0.5	1.8	92	0.1	0.025	1.1	558	0.3
SA5090644	2	0.15	0.14	2	15	764	0.5	6	9	0.05	3.6	4.6	0.5	5.8	86	0.2	0.5	2.8	896	0.5
SA5090645	2	0.06	0.06	1	14	357	0.5	6	1	0.05	2.5	3.3	0.5	4.2	57	0.1	0.025	2.8	539	0.6
SA5090646	1	0.07	0.07	0.5	11	629	0.5	5	1	0.05	2.1	2.7	0.5	2.6	47	0.1	0.025	1.8	535	1
SA5090647	1	0.12	0.11	1	12	500	0.5	2.5	1	0.05	2.3	3	0.5	2.7	55	0.1	0.025	1.5	552	0.5
SA5090648	1	0.41	0.45	4	14	739	8	6	10	0.1	5	6.6	0.5	5.6	146	0.1	0.025	3.2	1838	0.7
SA5090649	1	0.05	0.06	0.5	17	483	3	2.5	1	0.05	2.5	3.6	0.5	5.3	62	0.1	0.025	2.1	308	0.8
SA5090650	0.5	0.08	0.08	0.5	12	514	2	2.5	1	0.05	2.5	3.5	0.5	6.6	64	0.1	0.025	2.3	420	0.6
SA5090651	3	0.07	0.07	0.5	16	401	2	5	1	0.05	3.3	4.4	0.5	7.6	58	0.1	0.5	2.3	444	1.7
SA5090652	3	0.22	0.26	3	10	706	5	2.5	1	0.05	4	5.5	0.5	12.8	95	0.1	0.9	2.3	1177	3.2
SA5090653	4	0.18	0.2	2	8	462	5	2.5	1	0.05	3	3.9	0.5	7.1	82	0.1	0.5	1.9	863	2.2
SA5090654	6	0.1	0.09	0.5	15	664	1	7	1	0.05	2.6	3	0.5	3.6	64	0.1	0.025	2.3	435	0.7
SA5090655	6	0.22	0.25	3	12	1584	2	8	6	0.05	3.3	4.2	0.5	5.6	80	0.1	0.5	2.5	1007	1.6
SA5090656	3	0.07	0.09	1	11	377	6	2.5	1	0.05	2.4	3	0.5	4.8	52	0.1	0.025	2	549	5.1
SA5090657	4	0.26	0.3	3	10	502	5	8	6	0.05	5.4	6.9	0.5	17.5	104	0.3	1.1	3.1	1377	3.7
SA5090658	1	0.91	0.94	8	20	1000	22	35	31	0.5	10	10.7	0.5	10.3	257	0.3	0.7	7.3	3773	4.2

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090659	6	0.67	0.7	5	16	655	5	8	11	0.05	7.5	9.1	0.5	17.7	206	0.1	1.4	5.1	2053	3
SA5090660	1	0.06	0.06	2	11	508	3	2.5	1	0.05	3.9	5.1	0.5	6.7	41	0.1	0.025	3.1	356	0.7
SA5090661	0.5	0.06	0.07	1	16	657	0.5	2.5	1	0.05	2.4	3.1	0.5	4.8	62	0.1	0.025	2.1	514	0.6
SA5090662	1	0.07	0.09	1	13	478	3	2.5	1	0.05	3	3.9	0.5	6.9	72	0.1	0.025	2.9	521	0.8
SA5090663	1	0.11	0.13	1	14	493	3	2.5	1	0.05	3.1	4.2	0.5	4.6	74	0.1	0.025	2.4	539	0.8
SA5090664	1	0.37	0.4	3	18	651	3	7	4	0.05	5.7	6.7	0.5	5.2	141	0.3	0.025	3.6	1599	0.9
SA5090665	2	0.55	0.58	9	16	1637	3	9	4	0.05	8	8.9	0.5	6	164	0.1	0.6	3.7	2027	0.8
SA5090666	0.5	1	0.84	7	22	1325	7	20	13	0.1	10.4	9.6	0.5	5	214	0.3	0.025	3.3	2704	0.9
SA5090667	0.5	1.6	1.55	6	16	1403	4	22	24	0.05	8.7	9.7	0.5	5.3	420	0.3	0.5	2.6	2355	0.6
SA5090668	0.5	2.2	1.93	9	27	1074	1	37	52	0.1	17.8	16.4	0.5	8.5	424	0.6	0.8	5.5	4152	1
SA5090669	2	0.44	0.45	9	17	1416	3	12	11	0.05	6.6	7.9	0.5	6.9	143	0.1	0.5	3.7	2057	0.7
SA5090670	2	0.3	0.35	7	18	1011	3	8	8	0.05	5.6	7.4	0.5	7.5	118	0.3	0.6	4	1456	0.9
SA5090671	1	0.07	0.07	5	7	421	0.5	2.5	1	0.05	2.9	3.8	0.5	6.2	43	0.1	0.025	2.2	337	0.6
SA5090672	1	0.12	0.12	2	15	610	1	8	1	0.05	3.4	4.6	0.5	6.2	78	0.1	0.025	3	714	0.6
SA5090673	0.5	0.46	0.55	6	14	1242	7	10	12	0.05	5.2	6.8	0.5	5.2	172	0.1	0.025	3	2108	0.7
SA5090674	1	0.025	0.05	1	15	526	1	2.5	3	0.05	2	2.5	0.5	4	48	0.1	0.025	2.7	413	0.3
SA5090675	2	0.025	0.04	1	17	356	3	2.5	1	0.05	2.7	3.8	0.5	6.5	48	0.2	0.025	4.9	437	0.8
SA5090676	2	0.09	0.09	0.5	15	483	2	7	1	0.05	2.9	3.5	0.5	6.4	66	0.1	0.025	3.2	579	0.9
SA5090677	3	0.08	0.08	3	12	469	2	2.5	1	0.05	3.7	5.3	0.5	14.1	54	0.1	0.9	5.2	473	1.3
SA5090678	2	0.15	0.15	2	20	920	1	9	4	0.05	4.1	4.8	0.5	5.1	81	0.1	0.025	3.1	874	1
SA5090679	3	0.12	0.14	2	14	817	2	2.5	3	0.05	3.3	4.5	0.5	10.3	68	0.1	0.7	4	686	1.4
SA5090680	0.5	0.32	0.37	3	11	697	2	8	6	0.05	3.2	4.3	0.5	4.3	119	0.2	0.025	2.4	1179	0.4
SA5090681	1	1.1	1.12	6	18	1203	3	17	18	0.05	7.6	8.6	0.5	8	318	0.1	0.6	4	2334	0.8
SA5090682	0.5	0.09	0.11	3	8	597	9	2.5	1	0.1	1.6	1.9	0.5	1.5	49	0.1	0.025	1	391	0.2
SA5090683	1	0.78	0.91	11	18	1565	3	10	22	0.05	9.2	11	0.5	6.6	252	0.3	0.6	4.2	2718	0.8
SA5090684	0.5	0.23	0.24	9	15	1538	4	2.5	5	0.05	4.3	5.4	0.5	4	94	0.1	0.025	2.2	965	0.4
SA5090685	0.5	1	0.86	8	16	1405	3	18	18	0.05	8	7.9	0.5	4.4	246	0.1	0.025	2.4	2106	0.6
SA5090686	0.5	2	2.07	6	14	1128	4	25	34	0.05	8.8	9.4	0.5	6.6	520	0.1	0.5	2.7	2701	0.6
SA5090687	0.5	2.6	2.38	11	27	1673	4	52	52	0.1	17.4	17	0.5	9.5	560	0.7	1	5.3	5365	1.2
SA5090688	1	0.2	0.19	3	22	1297	2	7	4	0.05	3.4	4	0.5	3.1	97	0.1	0.025	1.6	667	0.2
SA5090689	0.5	0.24	0.32	12	8	3016	7	2.5	2	0.1	2.6	3.3	0.5	1.3	115	0.1	0.025	0.9	906	0.2
SA5090690	0.5	1	0.91	18	14	1933	4	11	19	0.05	10	9.6	0.5	5.9	252	0.4	0.025	3.1	2388	0.6
SA5090691	1	0.6	0.69	10	14	2167	6	8	15	0.1	6.7	8.1	0.5	4.3	217	0.1	0.025	2.4	2404	0.4
SA5090692	2	0.76	0.91	10	15	1896	3	11	12	0.05	7.4	8.9	0.5	4.2	264	0.1	0.025	2.2	2637	0.4
SA5090693	0.5	1.4	1.38	9	19	1187	3	25	28	0.05	11	12.1	0.5	6.9	363	0.6	0.6	3.4	3207	0.5
SA5090694	2	0.81	0.86	10	17	1347	2	14	17	0.05	8.4	10.2	0.5	6.6	236	0.3	0.6	3.9	2523	0.8
SA5090695	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090696	0.5	0.13	0.12	2	15	1045	1	2.5	4	0.05	3.1	4.1	0.5	4.7	69	0.1	0.025	2.6	754	0.6
SA5090697	0.5	0.36	0.39	7	17	1038	3	10	7	0.05	5.5	7	0.5	4.9	127	0.1	0.025	2.4	1317	0.6
SA5090698	2	0.1	0.12	1	16	506	2	2.5	1	0.05	2.8	4.3	0.5	6.7	76	0.2	0.6	1.7	539	0.6
SA5090699	0.5	1.7	1.78	11	14	1284	10	25	28	0.2	11.8	12.7	0.5	7.7	467	0.5	0.7	4.6	5182	0.9
SA5090700	0.5	0.19	0.22	3	10	603	5	2.5	2	0.05	2.4	3.4	0.5	3	79	0.3	0.025	2.1	944	0.6
SA5090701	3	0.14	0.15	1	13	331	3	7	4	0.05	5.9	8.3	0.5	15.8	70	0.3	1.1	3.8	664	3.1
SA5090702	2	0.47	0.51	4	16	844	3	10	11	0.05	6.3	7.8	0.5	11.5	166	0.5	0.8	5.3	1940	1.8
SA5090703	5	0.31	0.31	3	22	694	3	11	9	0.05	8.9	10.3	0.5	22.1	130	0.4	1.5	10.5	1382	5.7
SA5090704	1	0.06	0.05	0.5	11	412	3	2.5	1	0.05	2.5	3.2	0.5	8.7	52	0.1	0.5	3.1	359	1.5
SA5090705	0.5	2.4	1.93	9	16	857	4	35	33	0.05	13.5	11.4	0.5	6.3	479	0.6	0.6	3.8	4243	0.7
SA5090706	1	0.51	0.48	3	14	410	10	2.5	3	0.3	3.9	4.2	0.5	4.2	151	0.5	0.025	2.3	1172	0.05
SA5090707	4	1.5	1.65	11	17	1325	6	29	26	0.1	10	12.7	0.5	10.8	440	0.5	1	5.4	4318	1.4
SA5090708	0.5	1.2	1.27	8	13	1068	5	20	17	0.05	8.5	9.9	0.5	5.5	356	0.4	0.6	3.4	3938	0.8
SA5090709	0.5	0.91	0.95	10	17	1454	3	19	19	0.05	10	11.1	0.5	6.6	254	0.3	0.6	4.4	2683	0.8
SA5090710	2	0.06	0.06	0.5	15	409	5	2.5	1	0.05	2.5	3.3	0.5	5.1	60	0.1	0.025	2	402	1
SA5090711	2	0.1	0.09	2	12	472	2	2.5	1	0.05	2.9	3.9	0.5	5.4	56	0.1	0.025	2.5	517	0.8
SA5090712	0.5	0.19	0.22	5	11	1012	12	6	3	0.2	3.5	4.8	0.5	4.6	91	0.1	0.025	2.8	1235	0.6
SA5090713	2	0.36	0.39	3	14	624	5	6	1	0.05	4.3	5.3	0.5	6.6	140	0.1	0.6	3	1107	0.7
SA5090714	2	0.2	0.22	5	15	676	3	2.5	2	0.05	4.5	5.6	0.5	10	88	0.4	0.6	3.7	725	0.9
SA5090715	3	0.025	0.05	0.5	5	317	2	2.5	1	0.05	3.9	4.7	0.5	14.1	39	0.1	1.1	1.8	221	2.4
SA5090716	2	0.18	0.22	3	10	1012	10	9	2	0.05	3.6	4.9	0.5	11.5	76	0.3	0.8	3.5	1037	2.8
SA5090717	1	0.13	0.13	2	12	544	6	2.5	1	0.05	3.4	4.6	0.5	7.9	67	0.1	0.6	3	575	0.9

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090718	8	0.07	0.09	2	12	1438	4	2.5	1	0.05	6.6	8.3	0.5	25.5	37	0.1	1.8	6.5	473	4.1
SA5090719	2	0.12	0.12	0.5	10	382	3	2.5	1	0.05	2.1	2.5	0.5	4	59	0.1	0.025	1.9	453	0.4
SA5090720	4	1.2	1.19	14	27	2345	5	33	20	0.05	15.3	16.7	0.5	15.1	373	0.6	1.5	10.6	3833	1.5
SA5090721	7	0.43	0.46	7	17	1402	5	15	9	0.05	6.5	8.4	0.5	11.6	153	0.1	0.8	4.1	2226	1.8
SA5090722	2	0.19	0.22	3	13	959	1	2.5	5	0.05	3.2	4.3	0.5	4.1	90	0.1	0.025	2.4	1047	0.7
SA5090723	1	0.24	0.27	2	17	817	4	6	1	0.05	4.4	5.7	0.5	8	106	0.1	0.5	3.3	913	1
SA5090724	2	0.07	0.08	1	13	976	1	2.5	1	0.05	2.5	3.5	0.5	7.6	62	0.1	0.6	3.4	434	1.3
SA5090725	1	0.1	0.14	2	14	554	2	2.5	1	0.05	2.9	4.3	0.5	3.9	61	0.1	0.025	1.9	617	0.4
SA5090726	1	0.1	0.11	1	13	682	3	10	1	0.05	2.4	3.5	0.5	4	52	0.1	0.025	2.1	619	0.5
SA5090727	1	0.47	0.51	4	16	875	8	10	11	0.2	5.5	6.6	0.5	6.7	165	0.1	0.5	4	1597	1.1
SA5090728	1	2.1	2.1	10	25	1677	5	46	45	0.05	14.2	14.8	0.5	10.2	503	0.4	1	6.3	4513	1.4
SA5090729	1	0.09	0.1	1	10	462	3	2.5	4	0.05	2.3	3.1	0.5	4.3	63	0.1	0.025	2.1	597	0.5
SA5090730	1	1.9	2.05	5	15	921	5	25	17	0.1	10.3	11	0.5	4.6	491	0.1	0.5	2.1	3053	0.5
SA5090731	3	0.09	0.09	2	17	326	2	7	3	0.05	2.9	3.8	0.5	1.9	54	0.1	0.025	1.4	645	0.8
SA5090732	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090733	2	0.025	0.05	0.5	14	519	1	2.5	1	0.05	2.3	3.2	0.5	7.6	56	0.1	0.025	3.2	334	1.2
SA5090734	0.5	0.27	0.28	2	16	729	2	8	1	0.05	3.7	4.4	0.5	2	98	0.1	0.025	1.5	921	0.3
SA5090735	1	0.07	0.07	1	15	911	4	2.5	1	0.05	3.8	4.6	0.5	4	58	0.1	0.025	1.3	358	0.2
SA5090736	0.5	0.55	0.68	5	19	1333	4	8	5	0.05	6	8.2	0.5	3.4	202	0.3	0.025	1.9	2143	0.4
SA5090737	0.5	0.17	0.16	3	34	892	2	13	6	0.1	5.1	6.7	0.5	3.8	96	0.1	0.025	2.7	1104	0.5
SA5090738	0.5	0.12	0.13	1	19	857	2	10	7	0.05	3.1	4	0.5	2.1	59	0.1	0.025	1.4	709	0.3
SA5090739	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090740	0.5	0.47	0.59	6	22	1555	3	10	9	0.05	5.7	7.7	0.5	3.6	182	0.2	0.025	2	2062	0.4
SA5090741	0.5	0.48	0.52	4	22	1410	1	8	7	0.05	6.2	7.8	0.5	4.1	188	0.1	0.025	2.1	1386	0.4
SA5090742	0.5	0.1	0.11	2	12	668	1	2.5	1	0.05	2.6	3.4	0.5	2.3	68	0.1	0.025	1	407	0.2
SA5090743	3	0.59	0.57	6	16	818	1	18	9	0.05	5.9	6.8	0.5	3.3	184	0.3	0.025	2.2	1426	0.3
SA5090744	0.5	0.52	0.57	6	28	1398	2	2.5	6	0.05	6.9	8.4	0.5	4.2	172	0.1	0.025	2.1	1972	0.4
SA5090745	0.5	0.24	0.24	3	22	916	2	9	1	0.05	4.5	5.3	0.5	3.9	100	0.1	0.025	1.9	865	0.3
SA5090746	0.5	0.09	0.09	2	17	892	2	2.5	1	0.05	2.4	3.3	0.5	2.7	54	0.1	0.025	1.1	421	0.2
SA5090747	2	0.51	0.46	5	15	911	3	8	9	0.05	6.3	6.9	0.5	6.3	156	0.3	0.6	3.1	1745	0.7
SA5090748	1	0.06	0.06	0.5	14	358	3	2.5	1	0.05	2.7	3.4	0.5	6.7	53	0.1	0.5	2.6	410	0.9
SA5090749	4	0.25	0.27	2	17	677	5	8	5	0.05	5.2	6.7	0.5	11.9	107	0.2	0.7	3.8	1117	1.9
SA5090750	2	0.025	0.04	0.5	11	315	2	2.5	1	0.05	1.9	2.3	0.5	7.8	35	0.1	0.6	2.1	211	0.9
SA5090751	2	0.13	0.14	0.5	5	219	2	11	1	0.05	3.1	3.9	0.5	15.6	60	0.1	1.1	1.3	453	3.8
SA5090752	3	0.12	0.12	1	25	822	4	2.5	6	0.05	10	12.1	0.5	31.9	71	0.3	2.3	12.2	596	4.8
SA5090753	4	0.08	0.09	0.5	10	291	2	2.5	1	0.05	2.8	3.5	0.5	10	54	0.1	0.8	2.4	549	3.1
SA5090754	3	0.1	0.09	0.5	7	345	4	2.5	1	0.05	3.1	3.6	0.5	10	63	0.1	0.7	2.2	447	2.6
SA5090755	10	0.19	0.19	4	12	611	15	8	4	0.05	5.3	6.5	0.5	14.3	80	0.2	1	3.2	770	2.4
SA5090756	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090757	3	0.14	0.11	0.5	7	353	2	7	1	0.05	3	2.6	0.5	4.1	58	0.1	0.025	1.5	525	1.2
SA5090758	3	0.06	0.06	0.5	6	287	1	2.5	1	0.05	1	1.2	0.5	1.3	41	0.1	0.025	0.8	338	0.3
SA5090759	2	0.07	0.08	0.5	6	437	2	2.5	3	0.05	1.2	1.6	0.5	1.9	52	0.1	0.025	1.3	486	0.4
SA5090760	3	0.025	0.05	0.5	7	366	4	2.5	1	0.05	0.8	1.1	0.5	1.4	33	0.1	0.025	0.7	266	0.05
SA5090761	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090762	12	1.9	1.93	8	23	1311	4	43	48	0.05	12	12.8	0.5	8.3	465	0.6	0.9	5.8	3652	4.1
SA5090763	3	2.7	2.43	8	16	1123	5	42	46	0.05	12.7	11.9	0.5	9.2	590	0.4	0.9	5.2	3675	1.7
SA5090764	18	0.6	0.6	5	12	1145	4	13	9	0.05	5.4	6.3	0.5	7.3	183	0.1	0.7	3.3	1747	1.9
SA5090765	10	1.4	1.44	8	14	1361	5	23	27	0.05	8.6	10	0.5	7.6	394	0.4	0.8	4.2	3324	1.7
SA5090766	7	1.4	1.39	8	14	1377	3	24	25	0.05	8.5	9.7	0.5	8.3	378	0.4	0.7	3.8	2954	1.7
SA5090767	10	0.69	0.71	4	16	829	4	11	13	0.05	5.8	7.3	0.5	8.9	212	0.2	0.9	4.4	1760	3.1
SA5090768	20	1.3	1.18	7	21	1057	5	19	27	0.05	9.3	9.6	0.5	10	328	0.3	0.9	7.8	2336	3.4
SA5090769	8	0.71	0.71	6	15	840	3	14	8	0.05	6	6.9	0.5	6.6	214	0.1	0.6	3.5	1738	1.1
SA5090770	4	0.91	0.92	11	15	1570	5	15	17	0.05	8.3	9.8	0.5	10	262	0.2	0.9	4.9	2761	4.3
SA5090771	18	1.4	1.36	8	15	785	6	21	23	0.05	7.1	7.7	0.5	5.9	365	0.3	0.5	2.6	1937	0.8
SA5090772	10	0.06	0.06	6	11	564	3	2.5	1	0.05	3.8	5.1	0.5	15	45	0.1	0.8	3.3	258	1.8
SA5090773	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090774	6	0.11	0.11	2	12	704	3	8	1	0.05	2.5	3.3	0.5	5	62	0.1	0.025	1.7	527	1
SA5090775	3	0.45	0.38	5	19	1035	2	6	1	0.05	5.6	5.9	0.5	8.4	135	0.1	0.6	3.1	1116	0.8
SA5090776	6	0.11	0.1	6	13	1133	3	7	1	0.05	3.2	3.7	0.5	4.2	48	0.1	0.025	1.5	454	0.9

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090777	9	0.23	0.26	2	14	464	4	7	5	0.05	3.7	4.8	0.5	7.5	96	0.1	0.8	4	774	3.1
SA5090778	0.5	1.8	1.85	11	16	1718	6	32	32	0.05	11.8	13.2	0.5	8.1	476	0.3	0.8	3.8	3876	0.9
SA5090779	3	0.13	0.13	7	20	3021	1	6	1	0.05	6.1	7.7	0.5	7.4	64	0.1	0.6	3.4	809	0.7
SA5090780	0.5	0.21	0.23	2	15	1744	1	5	6	0.05	3.7	4.9	0.5	4.3	92	0.1	0.025	1.7	1053	0.4
SA5090781	0.5	2.5	2.35	8	26	1706	2	31	36	0.05	16.5	16	0.5	8.9	555	0.5	0.9	4.3	4014	0.9
SA5090782	1	0.12	0.13	2	21	1293	5	7	1	0.05	4	5.1	0.5	5.2	70	0.1	0.025	2.3	737	0.4
SA5090783	3	0.19	0.19	1	19	1171	2	7	4	0.05	3.5	4.4	0.5	3.1	82	0.1	0.025	1.4	715	0.4
SA5090784	0.5	0.17	0.18	2	15	1046	2	5	1	0.05	2.6	3.3	0.5	2.5	68	0.1	0.025	1.2	738	0.05
SA5090785	1	0.29	0.3	4	16	1392	2	8	4	0.05	4.2	5.5	0.5	4.5	105	0.1	0.025	1.9	997	0.5
SA5090786	0.5	0.5	0.94	7	16	1022	2	6	11	0.05	4.8	9.1	0.5	4	259	0.1	0.025	1.9	3334	0.3
SA5090787	0.5	0.08	0.06	0.5	9	738	0.5	6	1	0.05	1.6	2.4	0.5	1.6	39	0.1	0.025	0.9	407	0.3
SA5090788	0.5	0.07	0.06	0.5	9	365	2	2.5	1	0.05	1.9	2.8	0.5	3	42	0.1	0.025	0.9	258	0.3
SA5090789	0.5	0.16	0.16	1	15	873	3	6	2	0.05	2.9	3.9	0.5	3.8	77	0.1	0.025	2	667	0.4
SA5090790	1	0.08	0.08	3	16	876	1	7	1	0.05	3.4	4.5	0.5	4.7	47	0.1	0.025	2	444	0.4
SA5090791	0.5	0.09	0.08	2	11	1215	3	2.5	1	0.05	1.7	2.1	0.5	2	47	0.1	0.025	0.9	291	0.05
SA5090792	0.5	0.07	0.06	2	12	1287	2	2.5	1	0.05	1.4	1.8	0.5	1.8	41	0.1	0.025	0.8	225	0.05
SA5090793	0.5	0.3	0.3	2	9	629	1	2.5	2	0.05	2.9	3.6	0.5	3	132	0.1	0.025	1.3	800	0.2
SA5090794	1	0.11	0.11	1	17	472	1	2.5	1	0.05	2.1	3	0.5	2.9	60	0.1	0.025	2.1	508	0.3
SA5090795	3	0.78	0.59	4	16	928	3	17	11	0.05	7.3	7.1	0.5	6.6	200	0.3	0.5	2.7	1806	0.5
SA5090796	9	-9	0.62	5	13	1080	4	-9	10	-9	-9	6.9	-9	-9	185	-9	-9	-9	1445	-9
SA5090797	3	0.45	0.04	0.5	5	215	2	13	1	0.05	3.3	1.1	0.5	3.1	37	0.1	0.025	1.9	123	0.7
SA5090798	2	0.025	0.45	3	22	564	1	2.5	12	0.05	0.8	4.6	0.5	3.3	142	0.1	0.025	0.6	1518	0.4
SA5090799	0.5	0.08	0.09	0.5	7	364	2	2.5	1	0.05	1.3	2	0.5	2.1	41	0.1	0.025	1	325	0.5
SA5090800	4	0.2	0.2	1	10	881	0.5	2.5	1	0.05	3	4.2	0.5	6.2	77	0.1	0.6	1.9	795	1.4
SA5090801	4	0.23	0.24	1	9	975	2	7	3	0.05	3.2	4.2	0.5	8.5	90	0.1	0.7	1.7	801	1.4
SA5090802	6	0.63	0.73	6	13	1439	3	9	11	0.05	6.4	8.2	0.5	7.8	219	0.1	0.6	2.8	2289	1.2
SA5090803	12	0.25	0.24	4	12	1030	1	7	3	0.05	4.6	5.6	0.5	7.5	93	0.1	0.6	2.6	850	1.3
SA5090804	2	0.14	0.14	1	16	580	0.5	2.5	4	0.05	4.3	5.6	0.5	7.2	70	0.1	0.5	2.9	636	0.7
SA5090805	0.5	3.1	2.58	10	14	1369	2	37	36	0.05	16.8	14.5	0.5	8.8	608	0.7	0.9	4	5367	0.7
SA5090806	2	0.18	0.17	2	14	781	2	2.5	5	0.05	3.6	5.2	0.5	5.1	76	0.1	0.025	2.3	862	0.6
SA5090807	0.5	0.08	0.07	0.5	17	1260	4	2.5	2	0.05	2.4	3.3	0.5	3.2	53	0.1	0.025	1.7	456	0.3
SA5090808	0.5	0.11	0.1	1	12	653	0.5	5	6	0.05	2.2	2.8	0.5	2.2	51	0.1	0.025	1.4	645	0.2
SA5090809	1	0.07	0.08	1	10	602	1	2.5	1	0.05	2.1	3	0.5	3.7	53	0.1	0.025	1.5	453	0.4
SA5090810	2	0.35	0.35	2	18	1095	0.5	5	5	0.05	5	6.2	0.5	5.3	122	0.1	0.025	2.2	1069	0.5
SA5090811	1	0.3	0.32	2	14	1154	2	2.5	1	0.05	4.1	5.2	0.5	3.8	113	0.1	0.025	1.7	1012	0.4
SA5090812	2	0.42	0.46	3	21	1565	0.5	8	13	0.05	5.8	7.6	0.5	5.2	153	0.1	0.025	2.5	1511	0.6
SA5090813	0.5	0.08	0.1	0.5	10	632	2	2.5	1	0.05	1.9	2.7	0.5	2.5	51	0.1	0.025	0.7	373	0.2
SA5090814	0.5	0.14	0.15	2	39	1892	2	6	4	0.05	3.5	4.5	0.5	2.8	54	0.1	0.025	1.7	701	0.5
SA5090815	2	1.4	1.15	6	46	1345	0.5	23	25	0.1	12.7	12	0.5	3.7	249	0.3	0.025	3.3	2866	1.2
SA5090816	2	2	1.64	10	52	633	2	74	76	0.6	22.4	21	0.5	6.2	241	1	0.8	7.2	4742	2.5
SA5090817	1	0.06	0.05	1	36	1885	2	2.5	1	0.05	1.6	2	0.5	1.5	67	0.1	0.025	0.9	247	0.3
SA5090818	0.5	0.15	0.15	4	11	896	2	5	3	0.05	3.9	5	0.5	4.9	72	0.1	0.025	2.3	858	0.5
SA5090819	1	1	1.16	6	29	663	1	21	24	0.05	10	12.8	0.5	4	249	0.3	0.025	3	2902	0.7
SA5090820	2	0.33	0.32	4	37	1821	3	10	12	0.05	6.4	7.8	0.5	2.5	85	0.1	0.025	2.5	1532	0.9
SA5090821	0.5	2.1	2.1	8	28	1134	0.5	25	26	0.05	13.4	14.3	0.5	4.4	423	0.4	0.025	2.5	2931	0.6
SA5090822	0.5	2.7	2.45	9	30	1053	2	26	30	0.05	18	16.4	0.5	5.5	492	0.6	0.7	3.9	4591	0.6
SA5090823	2	1	1.04	7	24	1307	3	13	13	0.1	10	11.7	0.5	4.6	233	0.3	0.5	2.5	2552	0.6
SA5090824	1	0.2	0.18	2	19	1329	1	10	4	0.05	4.3	5.6	0.5	3.5	73	0.1	0.025	1.7	971	0.5
SA5090825	0.5	1.5	1.36	12	48	1463	2	49	52	0.3	16.4	18.7	0.5	6.9	258	0.4	0.8	5.6	4159	1.7
SA5090826	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090827	0.5	1.6	1.41	8	17	1319	3	21	22	0.05	10.7	11.6	0.5	6	373	0.3	0.7	3	3133	0.6
SA5090828	2	1.8	1.52	8	21	1304	3	28	22	0.05	12.2	11.7	0.5	6	405	0.3	0.7	3.1	3188	0.9
SA5090829	1	0.08	0.08	2	14	868	5	2.5	1	0.05	2.8	3.5	0.5	3.4	56	0.1	0.025	1.8	534	0.4
SA5090830	2	0.56	0.53	7	15	1499	6	8	8	0.1	7	7.8	0.5	5.9	169	0.1	0.6	3.2	1615	0.8
SA5090831	2	0.27	0.22	4	18	1131	3	9	4	0.05	5.6	6.1	0.5	6.3	94	0.1	0.5	3.4	1062	1.2
SA5090832	2	0.11	0.08	2	15	886	0.5	5	1	0.05	3.9	4.6	0.5	8.1	65	0.1	0.6	2.8	528	1.3
SA5090833	0.5	0.18	0.19	2	13	576	1	14	6	0.05	3.3	4.5	0.5	3.7	70	0.1	0.025	2.5	1017	0.5
SA5090834	1	0.09	0.08	2	12	463	1	2.5	1	0.05	2.7	3.9	0.5	4.3	55	0.1	0.025	2	491	0.5
SA5090835	2	2.1	1.91	12	27	1454	3	37	38	0.05	17.5	16.8	0.5	9.4	470	0.5	0.9	6.7	5684	1.3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090836	2	0.25	0.26	4	18	1676	3	12	6	0.05	5.6	7.8	0.5	7.3	99	0.1	0.6	4.1	1225	1.5
SA5090837	4	0.12	0.11	2	14	699	2	2.5	1	0.05	4.6	5.7	0.5	10.9	70	0.1	0.9	3.9	505	6.5
SA5090838	1	0.15	0.15	3	13	796	3	6	1	0.05	2.1	2.7	0.5	2.1	73	0.1	0.025	1.2	523	0.2
SA5090839	2	0.07	0.08	2	13	833	3	2.5	1	0.05	2.4	3.3	0.5	3.2	55	0.1	0.025	1.6	513	0.4
SA5090840	0.5	0.06	0.06	1	9	570	2	2.5	1	0.05	1.4	2.1	0.5	1.8	43	0.1	0.025	0.7	290	0.2
SA5090841	1	0.12	0.13	1	11	1311	1	2.5	1	0.05	2.5	3.5	0.5	2.9	65	0.1	0.025	1.2	540	0.4
SA5090842	2	0.14	0.16	2	17	863	1	6	1	0.05	4	5.3	0.5	4.5	140	0.1	0.025	2.1	720	0.4
SA5090843	0.5	0.05	0.05	1	12	613	2	2.5	1	0.05	1.5	1.6	0.5	0.9	50	0.1	0.025	0.5	146	0.05
SA5090844	1	0.16	0.14	4	18	935	1	2.5	1	0.05	5.2	5.7	0.5	5.6	74	0.1	0.025	1.9	706	0.3
SA5090845	0.5	1.1	1.06	13	21	1575	1	16	17	0.05	11.9	13.8	0.5	6.5	304	0.5	0.6	3.8	6618	0.6
SA5090846	6	0.37	0.39	8	12	1528	12	11	1	0.05	5.2	6.8	0.5	5.9	130	0.1	0.025	2.3	1330	1
SA5090847	4	0.26	0.26	4	13	1066	6	6	1	0.05	4.8	6.1	0.5	6	105	0.1	0.025	2.7	1030	1
SA5090848	2	0.43	0.46	6	20	1548	2	11	8	0.05	5.6	7.2	0.5	6.4	157	0.1	0.6	2.8	1468	0.6
SA5090849	1	0.24	0.25	2	12	957	2	2.5	1	0.05	2.7	3.7	0.5	2.7	92	0.1	0.025	1.4	821	0.3
SA5090850	2	0.06	0.06	0.5	14	379	1	2.5	1	0.05	3.9	5.3	0.5	7	52	0.1	0.025	1.7	232	0.9
SA5090851	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090852	0.5	1.6	1.57	8	25	1254	4	27	21	0.1	12.5	13.7	0.5	4.6	338	0.3	0.025	3.2	3155	0.6
SA5090853	1	0.07	0.07	3	32	1364	0.5	2.5	1	0.05	1.5	2	0.5	1.4	42	0.1	0.025	0.9	222	0.2
SA5090854	3	-9	0.05	0.5	15	521	0.5	-9	1	-9	-9	3.2	-9	-9	49	-9	-9	-9	248	-9
SA5090855	3	0.025	0.05	0.5	15	531	1	2.5	1	0.05	2.5	3.1	0.5	3.2	48	0.1	0.025	1.3	244	0.8
SA5090856	4	0.16	0.18	1	9	961	2	2.5	3	0.05	2.6	3.9	0.5	6.3	65	0.1	0.025	1.7	642	1.3
SA5090857	2	0.07	0.07	0.5	9	343	2	2.5	1	0.05	2.1	2.7	0.5	3.3	53	0.1	0.025	1.3	338	0.5
SA5090858	3	0.025	0.28	2	14	586	3	2.5	5	0.05	1	4.7	0.5	1.8	130	0.1	0.025	0.7	1028	0.2
SA5090859	2	1.8	1.71	10	12	1514	10	28	28	0.05	11.4	12	0.5	7.9	462	0.6	0.8	3.9	5112	1.3
SA5090860	3	1.2	1.37	9	13	1128	6	18	19	0.05	9.2	11	0.5	6.9	377	0.3	0.6	3.4	4692	1
SA5090861	5	0.12	0.12	1	19	304	1	8	3	0.05	3.1	4.1	0.5	7.7	67	0.1	0.025	3.2	635	1.7
SA5090862	4	0.19	0.19	1	16	647	0.5	6	2	0.05	5	6.3	0.5	8.8	88	0.1	0.6	3.2	829	1.3
SA5090863	2	0.07	0.06	0.5	10	369	0.5	2.5	1	0.05	1.4	1.7	0.5	2.1	49	0.1	0.025	0.9	318	1
SA5090864	3	0.25	0.28	2	15	464	2	7	9	0.05	3	3.7	0.5	3.6	113	0.1	0.025	2.1	1098	0.7
SA5090865	3	0.11	0.13	0.5	7	432	1	2.5	1	0.05	1.4	1.8	0.5	1.2	74	0.1	0.025	0.8	437	0.5
SA5090866	4	-9	0.93	6	15	950	3	-9	18	-9	-9	9.1	-9	-9	269	-9	-9	-9	2831	-9
SA5090867	2	0.35	0.39	3	9	506	2	7	5	0.05	3.3	4.7	0.5	7	138	0.1	0.5	2.2	1220	2.1
SA5090868	4	0.38	0.36	3	22	624	3	9	10	0.05	4.4	5	0.5	7.4	128	0.1	0.6	2.6	1333	1.4
SA5090869	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090870	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090871	3	2.3	2.02	9	25	1320	5	46	51	0.05	14.3	13.8	0.5	11.5	488	0.6	1	8.6	4311	2.2
SA5090872	4	0.025	0.09	0.5	10	263	2	2.5	4	0.05	2.3	3	0.5	5	49	0.1	0.025	1.9	573	1.6
SA5090873	7	0.43	0.42	3	10	392	6	9	8	0.05	4.8	5.7	0.5	6.8	131	0.1	0.6	2.9	1513	5.5
SA5090874	4	0.07	0.07	0.5	5	299	1	2.5	1	0.05	2.2	2.7	0.5	4.1	44	0.1	0.025	1.1	342	3.1
SA5090875	4	0.13	0.08	0.5	5	282	2	2.5	1	0.05	2	2.6	0.5	5.8	53	0.1	0.025	0.8	311	1
SA5090876	3	0.53	0.5	3	8	590	3	5	10	0.05	4.2	4.9	0.5	5.3	157	0.2	0.025	1.9	1253	1.7
SA5090877	2	0.025	0.06	2	12	1146	0.5	2.5	1	0.05	2.5	3	0.5	6.8	50	0.1	0.6	1.8	392	0.8
SA5090878	1	0.025	0.05	2	16	791	0.5	2.5	1	0.05	3.7	4.6	0.5	10.1	57	0.1	0.8	3.2	456	1
SA5090879	4	0.06	0.07	1	5	294	2	2.5	1	0.05	1.9	2.6	0.5	4.1	45	0.1	0.025	1.1	359	3.3
SA5090880	1	0.09	0.1	2	16	742	0.5	2.5	1	0.05	2.7	3.6	0.5	4.6	68	0.1	0.025	2	521	0.5
SA5090881	0.5	0.19	0.22	3	12	787	6	7	1	0.05	3.3	4.4	0.5	5	96	0.1	0.025	2.3	977	0.5
SA5090882	2	0.07	0.08	2	13	900	2	2.5	1	0.05	3	4.1	0.5	5.4	49	0.1	0.025	2.5	438	0.7
SA5090883	0.5	0.08	0.1	3	36	649	3	13	9	0.2	5	6.5	0.5	4	17	0.1	0.5	1.6	769	1
SA5090884	2	0.14	0.13	5	59	749	6	20	25	0.3	8.1	10.4	0.5	4.3	23	0.2	0.6	2.9	1431	1.4
SA5090885	3	0.62	0.61	11	112	1436	4	45	51	0.7	19.5	22.2	0.5	8.5	76	0.5	1.1	6	3203	2.4
SA5090886	0.5	0.07	0.06	24	56	390	6	12	9	0.5	11.3	13.6	0.5	5.3	9	0.1	0.6	1.7	514	2.8
SA5090887	1	0.19	0.16	11	122	964	4	10	15	0.5	13	14.9	0.5	9	25	0.1	1.2	3.4	923	2.4
SA5090888	1	0.09	0.08	3	42	448	2	9	3	0.3	5.2	6.9	0.5	3.7	21	0.1	0.5	2	734	1.2
SA5090889	2	0.32	0.29	9	96	827	4	20	23	0.4	12.8	14.1	0.5	7.4	42	0.1	1	3.4	1319	2.2
SA5090890	0.5	0.18	0.17	18	97	1068	35	10	12	0.7	10.5	12.7	0.5	3.5	21	0.1	0.025	5.9	886	8.7
SA5090891	5	0.52	0.5	7	74	741	3	26	28	0.4	11.2	13	0.5	4.3	74	0.4	0.6	3.7	2128	1.7
SA5090892	0.5	0.11	0.1	46	23	1024	34	7	16	1.1	9.4	9	2	2.7	15	0.1	0.025	5.2	551	6.2
SA5090893	2	0.24	0.21	8	95	899	6	32	34	0.4	10	11	0.5	7.3	28	0.3	1	3.8	1675	3.7
SA5090894	1	0.21	0.18	10	120	808	3	17	13	0.5	13.7	15	0.5	8.8	29	0.2	1.2	3.5	1026	2.5

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090895	1	0.14	0.11	3	35	495	4	20	22	0.3	8.7	10.5	0.5	3.8	23	0.1	0.6	3.6	1172	1.3
SA5090896	2	0.62	0.49	28	127	1273	14	33	37	1.8	20.4	19.1	0.5	5.5	53	0.7	0.9	4.3	4064	4.2
SA5090897	2	0.025	0.03	3	27	361	2	2.5	1	0.2	1.9	2.7	3	0.7	13	0.1	0.025	0.9	245	0.3
SA5090898	6	0.36	0.29	13	70	2650	8	47	56	0.9	19	21.3	0.5	5.9	45	0.6	1	7.6	2550	6.9
SA5090899	2	1.4	1.2	10	42	536	3	47	48	0.7	18.8	18.1	0.5	4.6	170	0.7	0.6	5.6	3749	2.7
SA5090900	2	0.36	0.36	16	218	692	12	16	16	0.4	12.1	15.2	0.5	7.1	73	0.3	0.9	3.2	1698	5.5
SA5090901	8	0.68	0.65	9	154	2417	3	40	43	0.7	17.9	19	0.5	7	98	0.6	1	6.3	3019	4.8
SA5090902	3	0.52	0.5	9	153	1243	13	24	30	0.4	15.2	17	0.5	7	93	0.5	1	4.1	2566	4.2
SA5090903	1	0.17	0.16	3	60	381	3	22	23	0.3	9.2	10.7	0.5	6.2	35	0.1	0.7	4.5	1137	1.5
SA5090904	5	0.71	0.67	7	231	1667	4	37	41	0.5	16.8	17.6	0.5	8.3	66	0.4	1.1	5.8	2184	4.9
SA5090905	2	0.06	0.04	0.5	33	588	0.5	2.5	1	0.05	2.7	2.6	0.5	1	14	0.1	0.025	1.3	267	0.8
SA5090906	3	0.5	0.44	10	102	2309	6	37	43	0.6	14.9	16.2	0.5	6.3	65	0.4	0.8	6	2364	2.7
SA5090907	0.5	0.07	0.05	2	54	565	2	2.5	1	0.05	2.7	4.2	0.5	4	24	0.1	0.6	1	208	1.5
SA5090908	3	0.81	0.75	8	155	1178	3	31	34	0.4	16.9	18.3	0.5	7.4	94	0.5	1	5.1	2776	3.5
SA5090909	3	0.39	0.4	4	52	461	4	35	38	0.6	8.5	10.6	0.5	4.5	57	0.4	0.7	5	1551	2.8
SA5090910	1	0.06	0.06	0.5	30	443	0.5	6	7	0.3	2.1	2.7	0.5	1.9	31	0.1	0.025	1.2	262	1.2
SA5090911	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090912	2	0.19	0.18	4	40	699	3	32	38	0.4	8.1	9.3	0.5	3.5	40	0.1	0.5	4.1	1253	2.2
SA5090913	3	0.35	0.31	4	36	761	3	28	28	0.5	6.5	7	0.5	3	50	0.1	0.025	3.1	1245	2
SA5090914	4	0.25	0.25	4	47	760	1	34	35	0.5	10	11.1	0.5	6.3	46	0.1	0.9	5.3	1226	3.9
SA5090915	4	0.47	0.42	8	75	2479	3	49	53	0.7	16.5	17.6	0.5	7.3	57	0.3	1	6.4	2082	2.6
SA5090916	2	0.11	0.07	2	43	537	2	12	18	0.4	7.2	8.1	0.5	3.4	24	0.1	0.025	3.6	875	1.2
SA5090917	2	1.4	1.35	8	95	694	0.5	28	32	0.3	18.6	19.4	0.5	5.8	174	0.5	0.9	4.8	3812	2.5
SA5090918	1	0.12	0.1	2	50	611	3	19	20	0.3	7.9	9.2	0.5	2.8	27	0.1	0.025	3.5	1141	1.1
SA5090919	3	0.3	0.27	7	65	2071	2	37	39	0.5	12.4	13.9	0.5	4.9	42	0.4	0.7	5.7	1951	2.3
SA5090920	2	0.15	0.13	3	58	640	3	24	35	0.3	10.1	11.6	0.5	3.2	32	0.2	0.025	4.2	1533	1.3
SA5090921	10	0.34	0.28	4	42	2213	2	23	20	0.2	10.6	10.6	0.5	3.3	61	0.2	0.025	3.5	1323	1.8
SA5090922	17	1.2	1.02	8	103	552	3	52	58	0.8	17.9	16.8	0.5	5.9	128	0.8	0.9	6.3	3215	3.4
SA5090923	0.5	0.78	0.78	7	110	242	3	49	62	0.5	13.6	15.6	0.5	5.5	86	0.6	0.7	6.4	2811	2.2
SA5090924	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090925	5	0.59	0.54	7	284	1422	0.5	44	47	0.5	17	17.9	0.5	10	63	0.6	1.3	5.7	2725	4
SA5090926	1	0.17	0.14	5	77	849	4	39	43	0.7	12.6	14.3	0.5	7.2	18	0.1	1.1	5.5	1037	2.2
SA5090927	8	0.27	0.24	8	192	2436	5	44	52	1	19.7	23.9	0.5	14	34	0.5	1.8	7.6	1540	5.8
SA5090928	7	0.13	0.11	3	43	1043	2	23	32	0.5	10	11.6	0.5	4.7	29	0.1	0.7	3.7	1028	2
SA5090929	2	0.16	0.16	6	49	1153	3	30	28	0.6	10	12.3	0.5	3.6	25	0.1	0.6	2.9	1584	1.8
SA5090930	0.5	0.025	0.02	29	60	505	5	2.5	8	0.3	12.9	14.2	3	5.5	8	0.1	0.6	2.5	222	2.8
SA5090931	1	0.08	0.06	2	24	277	2	7	33	0.4	6.3	8.1	0.5	2.8	17	0.1	0.025	1.6	664	1.1
SA5090932	3	0.12	0.13	6	42	430	3	12	9	0.2	5.4	6.7	0.5	3.9	25	0.1	0.025	1.9	1376	0.9
SA5090933	2	0.57	0.51	13	67	2254	3	36	37	0.4	13.9	14.7	0.5	5.7	72	0.5	0.8	6.1	2202	2.4
SA5090934	2	0.49	0.44	9	133	1530	5	29	33	0.4	12.9	14.4	0.5	14.2	68	0.6	1.6	11.3	1785	5.8
SA5090935	1	0.05	0.05	2	36	350	1	2.5	1	0.3	1.8	2.3	0.5	2.3	28	0.1	0.025	1.2	208	1.3
SA5090936	1	1.2	0.94	14	96	923	6	90	92	1.2	23.6	21.1	0.5	6.4	108	1.1	1	9.5	4216	4.7
SA5090937	2	0.2	0.18	3	43	910	2	10	5	0.2	5.3	5.8	0.5	3.4	49	0.1	0.025	2.5	601	1.9
SA5090938	1	0.025	0.02	2	15	419	4	2.5	1	0.05	0.6	0.7	0.5	0.6	12	0.1	0.025	0.4	67	0.5
SA5090939	0.5	1.4	1.16	10	76	209	3	83	68	1.2	21.2	19.6	0.5	6.3	127	1	0.9	8.9	3519	3.7
SA5090940	4	0.92	0.79	16	171	944	8	75	82	1.1	21	21.1	0.5	6.9	89	0.9	1	8.4	3745	4.9
SA5090941	4	0.34	0.31	5	42	666	3	15	18	0.2	6.8	7.8	0.5	2.6	54	0.1	0.025	2.8	1234	2.8
SA5090942	1	0.28	0.28	9	57	1218	3	43	44	0.5	11.4	13.6	0.5	4.5	37	0.3	0.6	5.1	1991	2
SA5090943	0.5	0.22	0.21	5	36	1292	4	18	21	0.3	6.9	8.6	0.5	2.8	41	0.2	0.025	3.2	1260	1.4
SA5090944	2	0.2	0.18	3	39	697	4	13	6	0.2	5.8	6.3	0.5	2.4	43	0.1	0.025	2.5	885	1.6
SA5090945	0.5	1.5	1.28	9	58	911	2	35	34	0.3	15	14.2	0.5	5.3	188	0.5	0.6	4.5	2956	2
SA5090946	0.5	0.43	0.4	6	52	736	1	32	45	0.3	8.7	11.2	0.5	4.9	63	0.4	0.6	4.5	1686	2
SA5090947	0.5	0.27	0.26	3	32	347	2	24	38	0.2	5.5	7.2	0.5	3.2	50	0.1	0.025	3.8	915	1.2
SA5090948	1	0.18	0.2	3	39	352	4	23	41	0.3	5.6	7.3	0.5	4.3	35	0.2	0.025	5.4	678	2.1
SA5090949	2	0.41	0.48	3	62	430	3	17	36	0.2	6.1	7.4	0.5	2.9	73	0.2	0.025	2.9	1018	2.1
SA5090950	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090951	2	1.2	1.54	12	119	674	7	64	60	0.7	18.7	19.1	0.5	6.8	140	0.8	0.9	7.9	2882	4.2
SA5090952	0.5	0.17	0.23	2	48	354	4	13	34	0.1	3.6	4.9	0.5	2.9	41	0.1	0.025	3.5	501	1.6
SA5090953	3	0.86	0.98	9	59	399	4	33	43	0.4	10.7	10.6	0.5	5.7	125	0.4	0.7	5.5	1705	2.5
SA5090954	0.5	0.41	0.5	5	30	626	10	33	47	0.3	8.5	9.6	0.5	4.2	47	0.5	0.6	4.6	1535	2.3

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5090955	3	0.025	0.01	0.5	30	521	3	2.5	29	0.05	1.4	1.7	0.5	1	11	0.1	0.025	1.1	125	0.4
SA5090956	0.5	1.3	1.5	14	70	396	7	65	60	0.7	17.4	16.8	0.5	6.4	136	1	0.8	8.1	2813	3.3
SA5090957	0.5	1.6	1.69	11	38	374	5	86	69	1.4	17.5	16.5	0.5	6.3	161	1	0.9	9	3190	3.6
SA5090958	0.5	1.7	1.92	10	42	302	4	55	53	0.6	14.3	12.7	0.5	5.2	202	0.8	0.7	6.9	2422	2.4
SA5090959	4	0.93	1.1	11	60	523	3	49	53	0.5	12.9	13	0.5	6.1	128	0.6	0.7	6.4	2025	2.5
SA5090960	0.5	0.3	0.41	3	23	534	2	16	39	0.1	4.2	5.4	0.5	2.5	55	0.2	0.025	2.4	882	1.1
SA5090961	1	0.65	0.8	9	35	796	7	41	50	0.3	10	10.6	0.5	3.4	82	0.5	0.6	4.9	1848	2.5
SA5090962	3	0.08	0.07	1	35	440	1	2.5	30	0.05	2.2	2.5	0.5	2.2	51	0.1	0.025	1.4	211	1.6
SA5090963	1	1	0.89	8	29	626	4	38	49	0.3	10.8	11.2	0.5	3.7	145	0.6	0.5	4.9	2205	1.9
SA5090964	0.5	0.07	0.05	2	6	457	3	9	28	0.05	1.3	1.6	0.5	0.4	29	0.1	0.025	0.7	220	0.8
SA5090965	2	-9	0.44	4	28	507	5	-9	34	-9	-9	6.2	-9	-9	104	-9	-9	-9	1301	-9
SA5090966	0.5	0.51	1.66	11	28	416	2	16	53	0.1	5.1	15.1	0.5	1.6	248	0.1	0.025	2.1	3604	1
SA5090967	0.5	0.83	0.04	2	13	474	5	21	28	0.1	7	2.1	0.5	2.2	22	0.4	0.025	2.7	279	1.6
SA5090968	2	0.62	0.55	6	35	915	5	32	36	0.2	9.2	9.4	0.5	3.7	77	0.3	0.025	4.3	1665	2
SA5090969	2	1.9	1.75	11	28	517	3	52	47	0.5	15.9	14.7	0.5	4.3	246	0.8	0.6	5.5	3507	1.5
SA5090970	2	0.07	0.07	2	13	567	5	7	10	0.05	1.8	2	0.5	0.8	22	0.1	0.025	1	295	0.9
SA5090971	3	0.67	0.62	7	32	675	5	42	42	0.4	9.2	9.4	0.5	3.3	85	0.5	0.025	4.6	1718	2.6
SA5090972	2	1.1	1.04	8	30	420	3	54	61	0.4	12.6	12.1	0.5	4.4	124	0.8	0.6	6.2	2537	2.6
SA5090973	2	0.73	0.68	7	35	859	4	38	42	0.3	10.3	10.6	0.5	3.8	89	0.5	0.5	4.9	1984	2.3
SA5090974	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090975	2	0.025	0.03	0.5	71	323	3	2.5	5	0.05	1.8	2.2	0.5	12.3	21	0.1	1.3	5.6	40	3.9
SA5090976	2	0.05	0.05	3	95	396	3	2.5	3	0.1	1.8	2.1	0.5	3.2	26	0.1	0.025	5.2	89	1.9
SA5090977	3	0.31	0.35	3	24	357	3	17	18	0.2	4.8	6	0.5	2.6	62	0.1	0.025	2.1	911	2.5
SA5090978	5	0.16	0.14	3	57	373	10	22	20	0.7	5.5	6.1	0.5	4.1	40	0.1	0.5	3	633	2.6
SA5090979	5	1.1	1.1	10	54	411	9	58	59	1.2	15.3	15.4	0.5	5.2	129	0.9	0.7	6.7	2837	3.5
SA5090980	2	0.81	0.73	7	34	848	3	34	45	0.3	10.9	10.7	0.5	3.8	97	0.5	0.5	5	2083	2.1
SA5090981	4	0.76	0.82	6	41	496	6	32	35	0.5	8.4	9.4	0.5	5	113	0.3	0.7	3.3	1592	2
SA5090982	4	0.48	0.39	3	32	443	4	29	30	0.3	10	9.1	0.5	2.3	57	0.2	0.025	3.2	1073	2
SA5090983	2	1.3	1.05	13	49	549	8	100	93	1.4	21.9	18	0.5	6	107	1	0.7	9.4	3600	4.7
SA5090984	5	0.08	0.07	2	14	400	2	2.5	8	0.05	1.5	1.4	0.5	0.4	31	0.1	0.025	0.6	167	0.5
SA5090985	2	0.29	0.3	2	41	494	6	23	34	0.4	5.9	7	0.5	3.1	57	0.1	0.025	2.6	1010	1.6
SA5090986	5	0.36	0.31	7	45	1065	6	24	47	0.7	11.7	12.2	0.5	3.5	45	0.1	0.6	5.3	1423	6.1
SA5090987	2	1.1	1	11	42	476	7	74	73	1.1	15.4	15.3	0.5	5.4	101	1.1	0.8	8.3	2866	3.9
SA5090988	4	0.72	0.73	7	33	1024	4	46	50	0.6	10.1	11.5	0.5	4.9	78	0.5	0.7	5.7	1680	3.3
SA5090989	3	1.3	1.12	10	40	378	7	100	90	1.6	18.8	16.2	0.5	5.8	102	1.1	0.8	9.4	2976	4.4
SA5090990	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5090991	4	0.53	0.54	5	41	949	3	28	35	0.4	8	9	0.5	3.7	70	0.2	0.6	3.9	1473	1.8
SA5090992	7	0.22	0.2	5	62	775	6	20	23	0.6	6.2	6.6	0.5	4.5	63	0.1	0.5	3.3	791	1.8
SA5090993	3	0.21	0.19	3	52	362	15	23	32	0.7	6.3	7	0.5	5	51	0.2	0.7	3.8	864	2.4
SA5090994	6	0.11	0.11	5	69	895	10	13	18	1	5.3	6.3	0.5	6.4	53	0.1	0.8	2.8	528	2.2
SA5090995	4	0.05	0.06	0.5	47	383	5	6	13	0.4	2.7	3.4	0.5	3.9	51	0.1	0.025	1.5	251	0.9
SA5090996	3	0.16	0.15	3	19	463	3	10	8	0.3	2.7	3.3	0.5	0.9	45	0.2	0.025	1.2	451	5.9
SA5090997	3	0.34	0.37	10	38	1502	4	13	20	0.1	4.9	6.3	0.5	2.4	87	0.1	0.025	2.2	1044	0.9
SA5090998	4	0.025	0.04	0.5	28	650	3	2.5	6	0.05	2.1	2.4	0.5	1.5	17	0.1	0.025	1.5	275	0.6
SA5090999	3	0.025	0.03	0.5	18	611	11	2.5	8	0.1	0.5	0.5	0.5	0.5	21	0.1	0.025	0.2	56	0.1
SA5091000	3	0.33	0.28	3	29	417	4	25	29	0.3	7.5	7.4	0.5	2	45	0.1	0.025	2.9	847	3.7
SA5091001	5	1.5	1.38	7	34	494	4	44	46	0.4	13	12.6	0.5	4.5	180	0.8	0.6	5.8	2553	2.3
SA5091002	3	-9	0.1	1	33	440	5	-9	9	-9	-9	1.7	-9	-9	38	-9	-9	-9	265	-9
SA5091003	3	0.09	0.11	0.5	25	280	2	8	11	0.05	2.1	2.9	0.5	1.6	25	0.1	0.025	1.7	330	0.6
SA5091004	2	0.16	0.15	2	32	393	3	11	13	0.05	3.5	4.3	0.5	2.2	32	0.1	0.025	2.6	581	1.1
SA5091005	3	1	0.93	14	30	1053	6	48	53	0.5	11.4	12	0.5	4.4	115	0.6	0.6	6.2	2142	2.4
SA5091006	3	1.4	1.23	8	28	473	3	50	53	0.5	12.7	12.6	0.5	4.5	158	0.5	0.7	6	2526	2.2
SA5091007	5	0.23	0.21	4	48	659	4	12	15	0.2	5.5	5.7	0.5	2.9	50	0.1	0.025	2.6	1270	2
SA5091008	6	0.025	0.02	0.5	10	560	2	2.5	6	0.05	0.3	0.3	0.5	0.3	12	0.1	0.025	0.3	54	0.1
SA5091009	2	1.5	1.29	11	37	262	8	57	55	0.7	13.2	12.4	0.5	5.1	181	0.9	0.6	6.7	2721	2.6
SA5091010	2	0.41	0.45	4	33	300	1	23	32	0.2	5.5	6.7	0.5	4	350	0.2	0.025	3.6	1039	1.4
SA5091011	2	0.09	0.1	2	146	361	10	11	20	0.2	4.4	5.6	0.5	27	22	0.1	2.5	5.8	328	4.7
SA5091012	3	0.12	0.11	7	119	1204	7	13	14	0.6	3.5	4.2	0.5	5.6	47	0.1	0.5	3	490	2.4
SA5091013	3	1.2	1.06	9	43	410	8	100	92	1.1	17.2	16.7	0.5	5.8	124	1.1	0.8	10	2726	4.4

Appendix 1 - Open File 023I/0101

FldNum	Mo2_ppm	Na1_pct	Na2_pct	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
SA5091014	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091015	7	0.3	0.3	6	56	580	7	33	43	0.7	9.1	10.9	0.5	6.4	43	0.3	1	5.2	1197	8.4
SA5091016	3	0.025	0.04	0.5	28	366	7	2.5	8	0.2	2.3	3	0.5	3.5	33	0.1	0.025	1.2	215	1.2
SA5091017	3	1.3	1.14	11	43	532	3	65	65	0.8	14.6	14.6	0.5	4.3	107	0.7	0.5	6	2540	2.5
SA5091018	4	0.025	0.03	0.5	26	316	6	2.5	8	0.5	1.2	1.5	0.5	2.7	27	0.1	0.025	0.9	163	0.7
SA5091019	2	0.025	0.03	4	50	262	0.5	2.5	7	0.2	1.3	1.7	0.5	2.5	20	0.1	0.025	0.5	108	1
SA5091020	3	0.21	0.22	5	40	315	3	17	20	0.2	4.4	5.5	0.5	4.7	373	0.2	0.6	3.3	749	2.1
SA5091021	7	0.46	0.43	9	61	740	5	30	31	0.8	7.7	8.2	0.5	5.4	71	0.5	0.6	3.8	1526	2.2
SA5091022	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091023	3	0.15	0.17	2	33	317	3	12	12	0.2	3.3	4.4	0.5	2.4	42	0.1	0.025	1.9	681	1
SA5091024	2	0.93	0.96	7	52	468	8	36	44	0.5	10.7	11.8	0.5	5.1	156	0.4	0.6	4.7	2773	2.8
SA5091025	3	0.025	0.02	0.5	23	191	0.5	2.5	6	0.3	0.7	0.8	0.5	1	18	0.1	0.025	0.5	53	1.3
SA5091026	3	0.45	0.33	2	51	449	7	34	36	0.6	8.1	8.4	0.5	4.8	52	0.3	0.7	4.4	944	2.3
SA5091027	3	0.12	0.11	3	65	534	12	18	23	0.4	4.2	5.6	4	4.7	36	0.1	0.6	3.2	794	2.3
SA5091028	5	0.025	0.02	0.5	25	482	0.5	2.5	4	0.05	1.1	1.3	0.5	1.1	10	0.1	0.025	0.9	122	0.2
SA5091029	5	0.22	0.22	8	34	607	4	16	22	0.2	5.5	6.8	0.5	3.4	77	0.2	0.025	3.1	1135	2.1
SA5091030	2	0.8	0.8	6	26	411	8	30	36	0.3	8.7	9.6	0.5	2.4	90	0.5	0.025	4.2	2160	1.5
SA5091031	3	0.025	0.04	0.5	16	548	14	2.5	6	0.1	0.5	0.6	0.5	0.8	18	0.1	0.025	0.3	57	0.2
SA5091032	2	0.39	0.39	4	34	622	4	24	26	0.2	6.9	8	0.5	4.3	57	0.1	0.5	4	1470	2.1
SA5091033	2	0.58	0.61	5	42	580	3	25	31	0.2	7.9	8.9	0.5	4.6	95	0.2	0.6	4.1	1785	2.3
SA5091034	2	0.39	0.43	5	42	359	4	32	33	0.2	7.2	8.6	0.5	3.5	71	0.4	0.025	4.2	1646	1.3
SA5091035	2	1.3	1.25	13	48	309	9	69	64	1	15.3	15.3	0.5	5.1	165	0.9	0.7	7.7	3770	2.9
SA5091036	3	0.025	0.02	1	13	412	0.5	2.5	7	0.05	0.4	0.4	0.5	0.3	16	0.1	0.025	0.2	68	0.1
SA5091037	2	0.86	0.87	11	51	426	6	66	76	0.6	13.3	14.7	0.5	4.4	100	0.6	0.6	6.5	3655	2.8
SA5091038	2	0.025	0.02	8	24	400	4	2.5	6	0.1	3.2	4.7	0.5	3.6	12	0.1	0.025	2.4	114	1
SA5091039	2	0.05	0.05	2	76	175	4	12	14	0.2	2.8	3.8	0.5	7	17	0.1	0.8	2.7	459	1.2
SA5091040	3	0.17	0.19	3	32	524	3	12	18	0.2	3.6	4.7	0.5	2.5	44	0.2	0.025	2	754	1
SA5091041	3	0.24	0.26	7	55	1422	5	37	48	0.4	7.3	9.1	0.5	5.1	50	0.4	0.7	4.5	1506	2.5
SA5091042	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091043	2	1.3	1.09	14	37	607	8	97	81	1.2	16.8	15.5	0.5	5.9	126	1.1	0.8	9.3	3368	4.1
SA5091044	4	0.69	0.69	15	73	1833	9	53	59	0.8	11.3	12.7	0.5	5.4	90	0.5	0.7	6.6	2309	4.5
SA5091045	3	0.025	0.04	0.5	20	375	2	2.5	5	0.1	1.4	1.8	0.5	1.4	29	0.1	0.025	1	187	0.7
SA5091046	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091047	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091048	3	0.14	0.12	2	19	602	4	12	16	0.1	4.6	4.5	0.5	2.1	37	0.1	0.025	1.7	612	1.1
SA5091049	3	0.06	0.05	0.5	16	408	10	6	9	0.2	1.2	1.6	0.5	1.4	28	0.1	0.025	0.8	179	0.7
SA5091050	3	0.025	0.05	0.5	13	253	1	2.5	9	0.1	1.6	2	2	1.1	50	0.1	0.025	0.6	86	0.7
SA5091051	3	0.42	0.34	5	38	575	5	22	26	0.2	6.1	6.8	0.5	3.1	55	0.3	0.025	3.1	1350	1.5
SA5091052	2	0.36	0.38	5	35	848	7	28	28	0.4	6.3	6.4	0.5	3.3	60	0.3	0.025	3.4	1368	2
SA5091053	2	0.3	0.32	4	22	281	2	15	23	0.1	4.2	4.9	0.5	1.9	60	0.2	0.025	2.1	1132	0.9
SA5091054	3	0.42	0.44	5	33	334	5	22	27	0.3	5.5	6.4	0.5	2.9	84	0.3	0.025	2.6	1345	1.3
SA5091055	2	0.22	0.23	3	29	319	5	17	27	0.2	4.5	5.3	0.5	2.8	43	0.1	0.025	2.5	935	1.4
SA5091056	3	0.025	0.03	0.5	15	671	4	2.5	5	0.05	0.9	1.3	1	0.4	12	0.1	0.025	0.6	151	0.2
SA5091057	14	0.025	0.05	15	136	831	2	2.5	9	0.2	1	1.3	2	0.4	11	0.1	0.025	0.5	133	1.5
SA5091058	4	0.59	0.52	17	73	1156	9	48	50	0.7	10.8	11	0.5	5.9	72	0.5	0.9	5.8	1898	4.7
SA5091059	6	0.025	0.03	0.5	21	378	2	2.5	9	0.2	2.9	3.9	0.5	5.7	28	0.1	0.7	1.3	112	1.7
SA5091060	5	1.2	0.93	12	34	385	3	69	65	0.7	12.9	11.9	0.5	4.8	126	1	0.7	7.5	2932	2.9
SA5091061	2	0.16	0.14	4	26	2126	5	22	26	0.05	6.2	6.9	0.5	3.8	119	0.1	0.5	3.6	840	5.4
SA5091062	3	1.1	1.11	9	30	341	5	52	52	0.6	10.7	11.5	0.5	4.7	145	0.7	0.7	6.2	3159	3.1
SA5091063	2	0.39	0.44	5	28	438	6	29	36	0.3	5.9	7.6	0.5	3.4	64	0.3	0.025	3.8	1606	1.7
SA5091064	2	0.54	0.62	6	26	496	4	32	38	0.3	6.9	8.5	0.5	3.5	85	0.3	0.5	4	1957	1.8
SA5091065	3	1.1	1.15	8	23	513	3	41	47	0.4	10	10.1	0.5	4	164	0.6	0.5	5	2706	1.9
SA5091066	6	0.29	0.28	14	104	1645	10	35	43	0.7	10	12	0.5	6.9	44	0.4	0.9	6.3	1515	3.8
SA5091067	3	0.09	0.07	4	37	601	3	17	20	0.6	5.1	6.1	0.5	4.7	29	0.1	0.7	3.2	601	2
SA5091068	9	1.4	1.07	16	40	841	9	81	80	1.1	17.2	15	0.5	6.2	130	0.9	0.7	8.9	3587	6.4
SA5091069	4	0.45	0.39	6	35	985	4	31	34	0.3	7.5	8.2	0.5	4.9	112	0.3	0.7	4.3	1536	4.5

Appendix 1 - Open File 023I/0101

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
SA5090001	17	0.5	8	0.025	44	50	8	10070001	79	1	6.1	0.05	1.41	0.5	17.7	0.5	0.25	0.8	133
SA5090002	19	0.5	6	0.025	38	50	6	10070002	75	1	4.9	0.05	0.73	0.5	10.9	0.5	0.25	0.25	175
SA5090003	19	0.5	7	0.025	43	50	11	10070003	71	1	6.2	0.05	0.99	0.5	-9	0.5	0.25	-9	106
SA5090004	32	0.5	19	1.2	74	50	17	10070004	51	1	5.3	0.05	0.97	0.5	12.0	0.5	0.25	0.25	86
SA5090005	31	0.5	9	0.025	60	50	15	10070005	59	1	7.3	0.05	1.27	0.5	14.8	0.5	0.25	-9	102
SA5090006	32	0.5	12	0.8	88	50	15	10070006	56	1	5.6	0.05	1.22	0.5	15.5	0.5	0.25	0.25	83
SA5090007	14	0.5	3	0.025	20	50	4	10070007	113	1	5.3	0.05	1.19	0.5	13.8	0.5	0.25	0.25	134
SA5090008	16	0.5	9	0.6	40	50	7	10070008	49	1	5.2	0.05	1.02	0.5	13.3	0.5	0.25	-9	59
SA5090009	67	0.5	17	1.5	134	50	22	10070009	21	1	6.5	0.05	1.13	0.5	13.0	0.5	0.25	0.25	66
SA5090010	11	0.5	8	0.7	28	50	8	10070011	64	1	5.6	0.05	2.23	0.5	21.1	0.5	0.25	0.25	46
SA5090011	24	0.5	9	0.025	44	50	9	10070012	62	1	5.8	0.05	1.19	0.5	14.7	0.5	0.5	0.25	92
SA5090012	34	0.5	10	0.025	64	50	18	10070013	67	1	4.9	0.05	0.85	0.5	10.5	0.5	0.25	0.25	127
SA5090013	33	0.5	10	0.9	78	50	17	10070014	72	1	4.3	0.05	0.88	0.5	10.6	0.5	0.25	0.25	43
SA5090014	17	0.5	6	0.025	39	50	5	10070015	108	1	5.8	0.05	1.17	0.5	12.7	0.5	0.25	0.25	141
SA5090015	52	0.5	18	1.2	128	50	23	10070016	49	1	5.1	0.05	0.89	0.5	11.7	0.5	0.25	0.25	100
SA5090016	61	0.5	15	1.3	95	50	27	10070017	69	1	5.2	0.05	1.20	0.5	14.6	0.5	0.25	0.25	77
SA5090017	43	0.5	14	0.9	70	50	15	10070018	51	1	5.9	0.05	1.52	0.5	18.0	0.5	1.1	1.7	93
SA5090018	34	0.5	12	0.025	62	50	13	10070019	62	1	6.6	0.05	1.20	0.5	14.7	0.5	0.25	2.0	177
SA5090019	64	0.5	15	0.7	110	50	39	10070021	48	1	8.3	0.05	1.55	0.5	17.7	0.5	0.25	0.25	161
SA5090020	20	0.5	7	0.025	46	50	8	10070022	28	1	6.1	0.05	1.41	0.5	16.7	0.5	0.25	2.3	257
SA5090021	24	0.5	8	0.7	61	50	7	10070023	36	1	6.2	0.05	1.59	0.5	18.5	0.5	0.25	0.25	227
SA5090022	100	0.5	23	2	121	250	66	10070024	5	1	3.9	0.05	1.12	0.5	14.2	0.5	0.25	0.25	149
SA5090023	47	0.5	13	0.8	117	50	24	10070025	20	1	5.2	0.05	1.31	0.5	14.9	0.5	0.25	-9	189
SA5090024	29	0.5	10	1	56	50	11	10070026	69	1	7	0.05	1.50	0.5	18.9	0.5	0.25	1.0	47
SA5090025	82	0.5	15	1.8	69	50	42	10070027	27	1	6	0.05	1.44	0.5	16.2	0.5	0.25	0.25	60
SA5090026	19	0.5	15	1.1	44	50	13	10070028	85	1	6.6	0.05	1.19	0.5	13.6	0.5	0.25	1.1	37
SA5090027	87	0.5	16	1.7	67	310	48	10070029	33	1	6	0.05	1.45	0.5	17.2	0.5	0.25	-9	72
SA5090028	15	0.5	11	0.025	38	50	8	10070031	69	1	6.6	0.05	1.14	0.5	13.5	0.5	0.6	3.1	59
SA5090029	24	0.5	9	0.025	42	50	10	10070032	89	1	5.9	0.05	0.96	0.5	12.2	0.5	0.25	2.0	57
SA5090030	34	0.5	7	0.025	51	50	6	10070033	75	1	5.7	0.05	0.93	0.5	11.1	0.5	0.25	0.25	60
SA5090031	95	0.5	18	1.8	96	50	47	10070034	68	1	6.2	0.1	1.22	0.5	15.1	0.5	0.25	0.25	63
SA5090032	18	0.5	6	0.025	27	50	8	10070035	93	1	7	0.05	1.26	0.5	16.2	0.5	0.25	1.6	87
SA5090033	42	0.5	18	1.1	102	50	23	10070036	51	1	5.9	0.05	1.11	0.5	13.3	0.5	0.25	2.8	49
SA5090034	91	0.5	21	1	164	50	30	10070037	55	1	4.5	0.05	0.87	0.5	10.4	0.5	0.25	1.3	98
SA5090035	51	0.5	13	1.1	113	50	23	10070038	46	1	4.5	0.05	0.89	0.5	10.7	0.5	0.8	1.6	93
SA5090036	61	0.5	15	1.1	125	50	29	10070039	35	1	6.2	0.05	1.62	0.5	17.5	0.5	0.25	3.9	229
SA5090037	19	0.5	10	1	30	50	7	10070041	94	1	5.8	0.05	1.06	0.5	13.4	0.5	0.25	2.2	80
SA5090038	27	0.5	10	0.025	54	50	13	10070042	55	1	5.3	0.05	1.12	0.5	12.6	0.5	0.25	5.0	107
SA5090039	58	0.5	24	1.6	138	50	22	10070043	64	1	5.4	0.05	1.12	0.5	13.2	0.5	0.25	4.7	48
SA5090040	30	0.5	11	0.7	82	50	15	10070044	75	1	6.2	0.05	1.23	0.5	14.1	0.5	0.25	5.4	83
SA5090041	23	0.5	7	0.025	61	50	9	10070045	72	1	6.7	0.05	1.34	0.5	13.6	0.5	0.25	5.5	275
SA5090042	13	0.5	5	0.025	32	50	7	10070046	49	1	7.5	0.05	1.69	0.5	17.7	0.5	0.25	6.1	292
SA5090043	9	0.5	5	0.025	29	50	5	10070047	67	1	8	0.05	1.40	0.5	15.0	0.5	0.25	6.0	283
SA5090044	64	0.5	17	0.9	150	50	32	10070048	30	1	5.9	0.05	1.29	0.5	14.7	0.5	0.25	5.4	114
SA5090045	51	0.5	18	0.8	132	50	20	10070049	31	1	6.1	0.05	1.26	0.5	14.1	0.5	0.25	6.4	99
SA5090046	41	0.5	8	0.025	70	50	23	10070051	50	1	7.2	0.05	1.41	0.5	15.7	0.5	0.25	3.5	159
SA5090047	53	0.5	9	0.025	83	50	29	10070052	108	1	5.8	0.05	1.24	0.5	15.0	0.5	0.25	5.7	158
SA5090048	36	0.5	9	0.025	67	50	21	10070053	84	1	6.7	0.05	1.33	0.5	15.4	0.5	0.25	3.9	82
SA5090049	33	0.5	11	0.025	85	50	20	10070054	32	1	5.8	0.05	1.35	0.5	15.1	0.5	0.25	4.7	145
SA5090050	16	0.5	8	0.8	56	50	13	10070055	44	1	7.7	0.05	1.20	0.5	13.9	0.5	0.25	5.8	357
SA5090051	20	0.5	8	0.5	55	50	14	10070056	55	1	5.3	0.05	1.35	0.5	15.8	0.5	0.25	9.6	82
SA5090052	10	0.5	5	0.025	26	50	6	10070057	112	1	9.2	0.05	1.65	0.5	16.5	0.5	0.25	4.3	194
SA5090053	23	0.5	8	0.5	52	50	15	10070058	76	1	6.2	0.05	1.63	0.5	18.7	0.5	0.25	7.1	78
SA5090054	28	0.5	8	0.025	56	50	13	10070059	29	1	5.1	0.05	1.00	0.5	13.0	0.5	0.25	4.1	93
SA5090055	64	0.5	14	0.9	142	50	36	10070061	29	1	5	0.05	1.44	0.5	16.5	0.5	0.25	4.3	203
SA5090056	93	0.5	16	1.7	111	310	44	10070062	27	1	4.9	0.05	1.45	0.5	16.5	0.5	0.25	4.9	177
SA5090057	28	0.5	9	0.7	76	50	17	10070063	35	1	7.3	0.05	1.94	0.5	21.4	0.5	0.25	5.3	233
SA5090058	10	0.5	5	0.025	35	50	5	10070064	49	1	7.1	0.05	1.71	0.5	18.5	0.5	0.25	-9	245
SA5090059	24	0.5	7	0.025	48	50	15	10070065	39	1	6.1	0.05	1.78	0.5	21.0	0.5	0.25	-9	39
SA5090060	17	0.5	10	0.5	54	50	13	10070066	49	1	6.3	0.05	1.60	0.5	19.1	0.5	0.25	3.3	71

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
SA5090061	82	0.5	17	1.4	113	50	44	10070067	45	1	2.2	0.05	0.37	0.5	6.5	0.5	0.25	0.25	55
SA5090062	65	0.5	15	1.3	115	50	35	10070068	11	1	4.3	0.05	1.06	0.5	12.9	0.5	0.25	5.8	59
SA5090063	64	0.5	15	1.4	111	50	37	10070069	39	1	5.7	0.05	1.77	0.5	18.5	0.5	0.25	4.4	200
SA5090064	73	0.5	15	1.2	107	50	35	10070071	39	1	4.6	0.05	1.21	0.5	14.6	0.5	0.25	6.9	208
SA5090065	44	0.5	12	1	105	50	25	10070072	36	1	5.4	0.05	1.59	0.5	17.8	0.5	0.25	1.2	152
SA5090066	28	0.5	13	0.025	79	50	20	10070073	36	1	5.5	0.05	1.65	0.5	18.8	0.5	0.25	5.2	135
SA5090067	43	0.5	14	0.9	101	50	28	10070074	33	1	5.4	0.05	1.66	0.5	18.0	0.5	0.25	6.6	154
SA5090068	63	0.5	15	1.7	105	50	40	10070075	35	1	4.5	0.05	1.48	0.5	16.5	0.5	0.25	7.3	137
SA5090069	82	0.5	13	1.5	63	210	41	10070076	35	1	5	0.05	1.48	0.5	15.9	0.5	0.25	9.7	136
SA5090070	117	0.5	17	1.9	102	50	49	10070077	21	1	4.3	0.05	1.06	0.5	12.2	0.5	0.25	13.2	77
SA5090071	87	0.5	14	1.6	65	50	38	10070078	16	1	4.3	0.05	1.07	0.5	12.7	0.5	0.25	7.2	83
SA5090072	105	0.5	15	2.1	88	250	48	10070079	21	1	4.6	0.05	1.11	0.5	13.2	0.5	0.25	6.5	85
SA5090073	98	0.5	17	2.4	79	400	62	10070081	23	1	4.3	0.05	1.07	0.5	12.8	0.5	0.25	7.6	73
SA5090074	32	0.5	9	0.9	76	50	17	10070082	78	1	7.4	0.05	1.43	0.5	18.2	0.5	0.25	8.1	116
SA5090075	61	0.5	14	1.2	99	50	30	10070083	33	1	4.4	0.05	1.24	0.5	16.4	0.5	0.25	7.0	119
SA5090076	39	0.5	11	0.9	80	50	21	10070084	38	1	5.9	0.05	1.36	0.5	15.8	0.5	0.25	5.9	237
SA5090077	140	0.5	17	1.8	98	50	56	10070085	13	1	4.8	0.05	1.05	0.5	12.2	0.5	0.25	-9	78
SA5090078	101	0.5	15	2	91	50	48	10070086	18	1	5	0.05	1.07	0.5	12.3	0.5	0.25	5.2	75
SA5090079	68	0.5	14	1.5	108	50	31	10070087	27	1	5.5	0.05	1.10	0.5	13.1	0.5	0.25	0.25	106
SA5090080	29	0.5	14	0.6	82	50	21	10070088	33	1	5.5	0.05	1.71	0.5	18.5	0.5	0.25	-9	140
SA5090081	43	0.5	9	0.025	93	50	23	10070089	83	1	8.4	0.05	1.89	0.5	21.8	0.5	0.25	7.8	135
SA5090082	21	0.5	7	0.7	51	50	12	10070091	82	1	7.9	0.05	1.48	0.5	17.6	0.5	0.25	7.4	168
SA5090083	18	0.5	4	0.025	43	50	6	10070092	78	1	4.9	0.05	1.11	0.5	16.1	0.5	0.25	0.25	67
SA5090084	15	0.5	7	0.025	62	50	9	10070093	45	1	7.3	0.05	1.35	0.5	16.0	0.5	0.25	5.9	260
SA5090085	71	0.5	15	1	115	50	27	10070094	28	1	4.9	0.05	1.07	0.5	12.1	0.5	0.25	8.9	83
SA5090086	24	0.5	7	0.025	66	50	10	10070095	82	1	9.9	0.05	1.57	0.5	17.6	0.5	0.25	8.0	374
SA5090087	95	0.5	16	1.6	138	310	49	10070096	28	1	4.5	0.05	1.03	0.5	10.8	0.5	0.25	3.8	60
SA5090088	30	0.5	10	0.7	55	50	8	10070097	50	1	6.9	0.05	0.96	0.5	13.8	0.5	0.25	28.8	98
SA5090089	60	0.5	16	1.1	70	50	16	10070098	89	1	5.4	0.05	0.63	0.5	8.7	0.5	0.25	6.3	82
SA5090090	37	0.5	8	0.6	50	50	21	10070099	108	1	8	0.05	1.27	0.5	14.0	0.5	0.25	6.3	242
SA5090091	105	0.5	19	1.8	112	50	44	10070101	33	1	5.1	0.3	0.92	0.5	11.2	0.5	0.25	7.2	68
SA5090092	72	0.5	18	1.2	118	50	21	10070102	35	1	5.3	0.05	0.94	0.5	10.6	0.5	0.25	6.9	72
SA5090093	69	0.5	19	1.4	110	50	35	10070103	47	1	7.3	0.05	1.03	0.5	11.6	0.5	0.25	9.0	117
SA5090094	110	0.5	22	1.8	139	50	51	10070104	24	1	5.6	0.05	0.94	0.5	11.3	0.5	0.25	7.6	55
SA5090095	47	0.5	12	0.025	68	50	18	10070105	43	1	5.5	0.05	0.96	0.5	10.9	0.5	0.25	13.0	103
SA5090096	27	0.5	9	0.025	66	50	8	10070106	28	1	4.8	0.05	0.78	0.5	9.0	0.5	0.25	5.8	273
SA5090097	117	0.5	20	1.8	118	230	56	10070107	45	1	5.4	0.05	0.78	0.5	9.9	0.5	0.25	0.25	83
SA5090098	43	0.5	8	0.025	63	50	8	10070108	76	1	6.5	0.05	0.91	0.5	11.0	0.5	0.25	8.1	173
SA5090099	40	0.5	9	0.025	64	50	20	10070109	87	1	8.3	0.05	1.51	0.5	18.3	0.5	0.25	-9	169
SA5090100	112	0.5	21	1.9	121	240	68	10070111	26	1	5	0.05	0.80	0.5	9.4	0.5	0.25	6.9	59
SA5090101	98	0.5	32	2.5	166	50	35	10070112	25	1	4.4	0.05	1.05	0.5	11.9	0.5	0.25	0.25	23
SA5090102	29	0.5	4	0.025	30	50	6	10070113	64	1	9.3	0.05	1.44	0.5	13.2	0.5	0.25	4.5	231
SA5090103	42	0.5	13	0.9	66	50	14	10070114	26	1	6.1	0.05	1.40	0.5	14.4	0.5	0.25	5.3	72
SA5090104	25	0.5	26	1.5	38	50	11	10070115	26	1	7.8	0.05	1.89	0.5	19.0	0.5	0.5	3.5	56
SA5090105	33	0.5	8	0.6	45	50	9	10070116	13	1	5.1	0.05	2.17	0.5	19.5	0.5	0.25	5.0	15
SA5090106	51	0.5	11	1.1	72	50	9	10070117	18	1	4.9	0.05	1.40	0.5	14.4	0.5	0.25	17.3	19
SA5090107	47	0.5	16	1.5	83	50	18	10070118	13	1	5.2	0.05	1.38	0.5	13.6	0.5	0.6	5.8	19
SA5090108	68	0.5	14	1.2	92	50	20	10070119	16	1	3.4	0.05	0.63	0.5	8.1	0.5	0.25	6.0	20
SA5090109	82	0.5	17	1.9	91	230	48	10070121	17	1	4.7	0.05	1.28	0.5	13.4	0.5	0.7	2.5	41
SA5090110	43	0.5	13	0.9	85	50	13	10070122	38	1	5.7	0.05	0.96	0.5	12.4	0.5	0.25	4.8	91
SA5090111	111	0.5	20	2.3	103	310	58	10070123	29	1	4.8	0.05	0.94	0.5	11.3	0.5	0.25	5.9	74
SA5090112	32	0.5	7	0.025	46	50	9	10070124	89	1	6	0.05	0.92	0.5	12.6	0.5	0.25	5.6	79
SA5090113	117	1	19	2.3	101	50	65	10070125	34	1	6.2	0.05	1.04	0.5	12.6	0.5	0.8	-9	73
SA5090114	83	0.5	23	1.4	122	50	50	10070126	46	1	5.7	0.05	0.96	0.5	11.3	0.5	0.6	5.5	87
SA5090115	65	0.5	17	0.9	102	50	25	10070127	30	1	4.9	0.05	0.97	0.5	11.2	0.5	0.25	5.0	56
SA5090116	84	0.5	19	1.3	90	50	40	10070128	23	1	5.1	0.05	1.42	0.5	14.4	0.5	0.25	4.9	55
SA5090117	41	0.5	18	1.4	77	50	11	10070129	30	1	4.3	0.05	1.32	0.5	14.2	0.5	0.25	8.7	154
SA5090118	37	0.5	7	0.5	50	50	12	10070131	91	1	6.7	0.05	0.94	0.5	12.0	0.5	0.25	-9	94
SA5090119	36	0.5	9	0.9	66	50	11	10070132	36	1	1.5	0.05	0.16	0.5	4.3	0.5	0.25	4.1	40
SA5090120	95	0.5	34	2.7	94	50	21	10070133	38	1	4.5	0.05	1.21	0.5	13.6	0.5	0.6	5.2	28

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
SA5090121	23	0.5	10	0.8	31	50	6	10070134	87	1	5	0.05	1.36	0.5	15.3	0.5	0.25	5.3	114
SA5090122	40	0.5	17	1	71	50	14	10070135	85	1	7.7	0.05	1.38	0.5	16.7	0.5	0.25	4.7	87
SA5090123	34	0.5	27	2.3	56	50	9	10070136	37	1	5	0.05	1.29	0.5	14.5	0.5	0.25	4.9	56
SA5090124	22	0.5	5	0.025	31	50	7	10070137	63	1	4.1	0.05	1.49	0.5	16.9	0.5	0.25	3.3	81
SA5090125	26	0.5	7	0.025	39	50	11	10070138	75	1	4.8	0.05	1.42	0.5	15.3	0.5	0.25	4.8	214
SA5090126	18	0.5	8	0.025	31	50	3	10070139	94	1	6.3	0.05	1.57	0.5	16.9	0.5	0.25	6.3	117
SA5090127	131	0.5	20	2.1	109	50	72	10070141	12	1	4.2	0.05	1.38	0.5	18.1	0.5	0.25	4.9	28
SA5090128	109	0.5	20	1.8	108	50	54	10070142	29	1	5	0.05	0.94	0.5	12.8	0.5	0.25	6.8	91
SA5090129	114	0.5	21	2.5	118	50	54	10070143	35	1	4.7	0.05	1.09	0.5	13.1	0.5	0.7	5.7	85
SA5090130	28	0.5	7	0.025	54	50	11	10070144	48	1	4.3	0.05	0.70	0.5	11.8	0.5	0.25	3.4	209
SA5090131	43	0.5	18	1.4	68	50	13	10070145	64	1	6.5	0.05	1.40	0.5	17.3	0.5	0.25	-9	72
SA5090132	34	0.5	9	0.025	43	50	7	10070146	98	1	5.5	0.05	0.93	0.5	11.7	0.5	0.25	8.9	175
SA5090133	24	0.5	7	0.025	36	50	8	10070147	95	1	7.6	0.05	1.26	0.5	15.7	0.5	0.25	6.3	149
SA5090134	30	0.5	9	0.6	37	50	13	10070148	96	1	5.9	0.05	1.10	0.5	13.9	0.5	0.25	6.9	144
SA5090135	42	0.5	10	0.025	58	50	16	10070149	105	1	7.3	0.05	0.97	0.5	15.6	0.5	0.25	8.0	124
SA5090136	123	0.5	18	2.1	90	250	63	10070151	28	1	5	0.05	1.08	0.5	13.0	0.5	1.2	5.1	69
SA5090137	32	0.5	7	0.025	55	50	13	10070152	64	1	7.2	0.05	1.49	0.5	17.8	0.5	0.6	6.8	102
SA5090138	14	0.5	6	0.025	36	50	8	10070153	81	1	9.9	0.05	1.35	0.5	16.3	0.5	0.25	4.6	144
SA5090139	55	0.5	13	1.1	96	50	15	10070154	38	1	5.9	0.05	1.05	0.5	12.3	0.5	0.25	6.5	81
SA5090140	26	0.5	7	0.025	50	50	12	10070155	41	1	6.7	0.05	1.26	0.5	14.6	0.5	0.25	5.1	144
SA5090141	31	0.5	8	0.025	63	50	15	10070156	73	1	8.1	0.05	1.03	0.5	15.8	0.5	0.25	5.6	137
SA5090142	30	0.5	15	0.8	59	50	8	10070157	142	1	5.7	0.05	1.60	0.5	15.6	0.5	0.25	5.1	133
SA5090143	43	0.5	22	1.5	83	50	26	10070158	110	1	6.1	0.05	1.16	0.5	13.0	0.5	0.25	4.5	132
SA5090144	47	0.5	21	1.6	84	50	15	10070159	145	1	7.2	0.05	0.84	0.5	10.8	0.5	0.25	4.2	147
SA5090145	18	0.5	6	1.3	22	50	6	10070161	184	1	7	0.05	0.84	0.5	10.0	0.5	0.25	5.9	95
SA5090146	112	0.5	18	1.7	93	350	140	10070162	34	1	5	0.05	1.00	0.5	12.3	0.5	0.25	4.6	66
SA5090147	64	0.5	12	1.2	73	50	15	10070163	38	1	4.9	0.05	1.10	0.5	12.7	0.5	0.25	4.4	71
SA5090148	86	0.5	20	2	82	510	96	10070164	33	1	5.3	0.05	1.19	0.5	14.5	0.5	0.25	5.9	61
SA5090149	35	0.5	8	0.8	56	50	8	10070165	64	1	4.5	0.05	0.78	0.5	11.3	0.5	0.25	0.25	130
SA5090150	108	0.5	20	2.2	83	250	73	10070166	34	1	4.9	0.05	0.88	0.5	10.4	0.5	0.25	4.7	127
SA5090151	131	1	18	1.8	92	50	64	10070167	43	1	4.8	0.05	0.88	0.5	10.2	0.5	0.25	4.8	119
SA5090152	30	0.5	8	0.025	61	50	16	10070168	46	1	6.4	0.05	1.26	0.5	16.3	0.5	0.25	5.0	144
SA5090153	44	0.5	10	0.6	74	50	16	10070169	34	1	5.6	0.05	1.12	0.5	11.5	0.5	0.25	6.3	115
SA5090154	74	0.5	16	1.6	76	270	63	10070171	30	1	5.3	0.05	1.41	0.5	16.4	0.5	0.25	2.8	75
SA5090155	204	0.5	16	0.8	88	50	16	10070172	40	1	5.7	0.05	1.19	0.5	13.7	0.5	0.25	2.4	91
SA5090156	99	0.5	19	2.1	68	340	86	10070173	19	1	5	0.05	0.94	0.5	12.2	0.5	0.25	4.4	85
SA5090157	30	0.5	11	0.025	64	50	13	10070174	27	1	5.3	0.05	1.26	0.5	13.7	0.5	0.25	2.6	39
SA5090158	64	0.5	15	1.2	103	190	52	10070175	35	1	6.4	0.05	1.31	0.5	29.6	0.5	0.25	0.8	54
SA5090159	25	0.5	7	0.025	31	50	6	10070176	195	1	6.8	0.05	0.83	0.5	9.7	0.5	0.25	-9	97
SA5090160	40	0.5	11	0.8	76	50	23	10070177	39	1	5.6	0.05	1.55	0.5	16.3	0.5	0.25	1.9	110
SA5090161	66	0.5	15	1.3	81	50	67	10070178	37	1	6.4	0.05	1.97	0.5	19.8	0.5	0.25	1.4	160
SA5090162	23	0.5	7	0.025	27	50	16	10070179	34	1	1.7	0.05	0.37	0.5	5.9	0.5	0.25	0.25	79
SA5090163	61	0.5	15	1.7	67	260	75	10070181	34	1	4.6	0.05	2.34	0.5	29.5	0.5	0.25	0.25	202
SA5090164	24	0.5	7	0.025	53	50	10	10070182	62	1	4.8	0.05	1.45	0.5	20.7	0.5	0.25	1.2	149
SA5090165	18	0.5	8	0.025	47	50	4	10070183	68	1	4.4	0.05	1.08	0.5	16.5	0.5	0.25	0.25	70
SA5090166	13	0.5	5	0.025	32	50	3	10070184	51	1	4.2	0.05	1.85	0.5	25.3	0.5	0.25	0.25	38
SA5090167	16	0.5	5	0.025	39	50	4	10070185	55	1	4.6	0.05	1.45	0.5	19.6	0.5	0.25	0.25	72
SA5090168	16	0.5	7	0.5	43	50	6	10070186	49	1	3.8	0.05	1.26	0.5	18.5	0.5	0.25	1.1	56
SA5090169	70	0.5	20	1.9	109	50	47	10070187	33	1	4.1	0.05	1.29	0.5	20.2	0.5	0.25	0.25	174
SA5090170	34	0.5	7	0.7	50	50	16	10070188	77	1	4.5	0.05	1.09	0.5	19.1	0.5	0.25	0.9	91
SA5090171	24	0.5	6	0.025	50	50	13	10070189	76	1	5.3	0.05	1.10	0.5	18.8	0.5	0.25	-9	77
SA5090172	36	0.5	10	0.7	80	50	23	10070191	42	1	4.8	0.05	1.14	0.5	15.2	0.5	0.25	1.8	73
SA5090173	69	0.5	14	1.3	105	230	48	10070192	43	1	4.4	0.05	1.11	0.5	13.8	0.5	0.25	0.25	147
SA5090174	42	0.5	11	0.025	118	50	20	10070193	42	1	5.5	0.05	1.22	0.5	13.6	0.5	0.25	0.25	157
SA5090175	17	0.5	5	0.025	41	50	10	10070194	68	1	5.8	0.05	1.19	0.5	16.6	0.5	0.25	0.25	198
SA5090176	15	0.5	8	0.025	49	50	10	10070195	58	1	9.7	0.05	2.39	0.5	24.0	0.5	0.25	0.25	40
SA5090177	102	0.5	18	1.6	109	370	90	10070196	25	1	4.6	0.05	1.36	0.5	14.4	0.5	0.25	0.25	133
SA5090178	88	0.5	24	1.6	108	50	23	10070197	317	1	12.2	0.05	0.94	0.5	11.2	0.5	0.25	0.25	71
SA5090179	86	0.5	19	2.1	97	50	70	10070198	43	1	5.7	0.05	1.13	0.5	15.8	0.5	0.25	0.8	145
SA5090180	61	0.5	13	0.7	90	50	29	10070199	37	1	5.1	0.05	1.21	0.5	14.7	0.5	0.25	2.1	129

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
SA5090181	73	0.5	14	0.025	99	50	19	10070201	39	1	5	0.05	1.12	0.5	16.8	0.5	0.25	2.9	128
SA5090182	10	0.5	3	0.025	20	50	6	10070202	112	1	7.6	0.05	1.41	0.5	15.4	0.5	0.25	0.25	180
SA5090183	53	1	14	0.8	81	50	38	10070203	82	1	6.2	0.05	1.15	0.5	13.7	0.5	0.25	2.7	202
SA5090184	53	0.5	12	0.6	64	50	14	10070204	18	1	4.5	0.05	0.89	0.5	11.5	0.5	0.25	0.25	28
SA5090185	27	0.5	9	0.025	57	50	13	10070205	58	1	5.5	0.05	1.25	0.5	15.5	0.5	0.25	0.8	89
SA5090186	20	0.5	7	0.025	37	50	9	10070206	77	1	6	0.05	1.17	0.5	14.5	0.5	0.25	-9	217
SA5090187	31	0.5	8	0.025	89	50	15	10070207	49	1	5.4	0.05	1.34	0.5	15.7	0.5	0.25	2.4	202
SA5090188	46	0.5	9	0.7	70	50	22	10070208	48	1	5.9	0.05	1.45	0.5	18.2	0.5	0.25	2.0	154
SA5090189	87	0.5	17	1.2	117	50	50	10070209	23	1	5.7	0.05	1.40	0.5	15.5	0.5	0.25	0.9	147
SA5090190	70	0.5	16	1.4	78	240	59	10070211	28	1	5.6	0.05	1.42	0.5	13.8	0.5	0.25	0.25	116
SA5090191	85	0.5	17	1.3	128	50	59	10070212	19	1	6.2	0.05	1.82	0.5	16.1	0.5	0.25	2.7	165
SA5090192	23	0.5	17	1.5	67	50	10	10070213	73	1	5	0.05	0.77	0.5	10.8	0.5	0.25	0.25	91
SA5090193	79	0.5	19	1.9	99	290	75	10070214	30	1	5.1	0.05	1.07	0.5	11.7	0.5	0.25	5.3	161
SA5090194	45	0.5	9	0.6	84	50	13	10070215	55	1	4.9	0.05	1.14	0.5	11.8	0.5	0.25	1.8	137
SA5090195	49	0.5	9	0.6	107	50	18	10070216	18	1	6.5	0.05	1.82	0.5	16.7	0.5	0.25	0.25	134
SA5090196	54	0.5	14	0.9	74	50	28	10070217	23	1	5.5	0.05	1.44	0.5	13.7	0.5	0.25	0.25	141
SA5090197	47	0.5	8	1	70	50	24	10070218	8	1	4.4	0.05	1.36	0.5	11.8	0.5	0.25	0.25	177
SA5090198	34	0.5	8	0.6	74	50	15	10070219	15	1	6.6	0.05	1.83	0.5	14.3	0.5	0.25	0.6	119
SA5090199	55	0.5	12	0.8	119	50	33	10070221	8	1	5.5	0.05	1.95	0.5	18.7	0.5	0.25	0.25	78
SA5090200	36	0.5	9	0.7	71	50	16	10070222	21	1	6.3	0.05	1.71	0.5	16.6	0.5	0.25	1.4	102
SA5090201	28	0.5	8	0.025	55	50	11	10070223	24	1	5.6	0.05	1.59	0.5	16.3	0.5	0.25	1.9	70
SA5090202	80	0.5	14	1.4	84	50	39	10070224	5	1	3.5	0.05	1.30	0.5	13.1	0.5	0.7	1.1	30
SA5090203	22	0.5	5	0.6	52	50	8	10070225	19	1	10.9	0.05	3.31	0.5	26.5	0.5	0.25	0.25	538
SA5090204	48	0.5	7	0.025	40	50	9	10070226	41	1	6.3	0.05	1.89	0.5	19.1	0.5	0.25	0.25	125
SA5090205	44	1	10	0.7	79	50	12	10070227	47	1	5.5	0.05	1.73	0.5	17.9	0.5	0.25	2.3	177
SA5090206	23	0.5	7	0.025	40	180	6	10070228	41	1	3.4	0.05	0.96	0.5	12.7	0.5	0.25	2.2	61
SA5090207	34	0.5	13	0.6	53	50	15	10070229	33	1	5.3	0.05	1.18	0.5	14.8	0.5	0.25	1.5	37
SA5090208	72	0.5	13	1.1	86	50	31	10070231	3	1	4.1	0.05	1.34	0.5	17.3	0.5	0.25	-9	29
SA5090209	28	0.5	10	0.025	58	50	9	10070232	74	1	4.7	0.05	0.90	0.5	12.7	0.5	0.25	1.1	226
SA5090210	27	0.5	6	0.025	53	50	10	10070233	44	1	7	0.05	1.96	0.5	21.7	0.5	0.25	1.3	256
SA5090211	16	0.5	6	0.025	35	50	5	10070234	91	1	5.4	0.05	0.97	0.5	13.0	0.5	0.25	1.1	159
SA5090212	40	0.5	9	0.025	66	50	25	10070235	47	1	6	0.05	1.60	0.5	18.8	0.5	0.25	1.8	88
SA5090213	86	0.5	18	1.8	119	290	56	10070236	49	1	4.9	0.05	1.31	0.5	16.6	0.5	0.25	2.1	89
SA5090214	44	0.5	11	0.5	91	50	19	10070237	34	1	5.6	0.05	1.47	0.5	17.8	0.5	0.25	0.25	148
SA5090215	44	0.5	13	0.9	73	50	18	10070238	46	1	6.2	0.05	1.27	0.5	15.2	0.5	0.25	0.25	173
SA5090216	81	0.5	27	1.7	124	50	21	10070239	62	1	5.2	0.05	1.06	0.5	13.0	0.5	0.25	4.2	40
SA5090217	111	0.5	18	1.8	94	50	59	10070241	47	1	4.3	0.05	1.01	0.5	11.2	0.5	0.25	0.25	38
SA5090218	34	0.5	10	0.025	44	50	22	10070242	111	1	5.7	0.05	0.81	0.5	8.9	0.5	0.25	1.1	211
SA5090219	13	0.5	6	0.025	21	50	3	10070243	112	1	4.8	0.05	0.83	0.5	10.4	0.5	0.25	0.25	78
SA5090220	113	0.5	22	2	111	50	63	10070244	16	1	3.2	0.05	1.16	0.5	11.6	0.5	0.6	0.25	38
SA5090221	62	0.5	15	1	79	50	32	10070245	39	1	5	0.05	1.09	0.5	12.1	0.5	0.25	0.25	104
SA5090222	24	0.5	8	0.6	41	50	11	10070246	64	1	6.5	0.05	1.67	0.5	17.1	0.5	0.25	0.25	140
SA5090223	10	0.5	5	0.025	24	50	5	10070247	80	1	4.5	0.05	1.05	0.5	14.1	0.5	0.25	0.25	75
SA5090224	49	0.5	15	1.1	68	50	15	10070248	23	1	3.6	0.05	1.17	0.5	11.6	0.5	0.25	1.5	36
SA5090225	103	0.5	26	2	121	270	74	10070249	55	1	4.8	0.05	0.67	0.5	9.2	0.5	0.25	0.6	51
SA5090226	96	0.5	26	2	152	50	40	10070251	28	1	4.9	0.05	1.16	0.5	14.0	0.5	0.25	1.4	68
SA5090227	64	0.5	15	0.9	98	50	26	10070252	31	1	4.7	0.05	1.19	0.5	12.1	0.5	0.25	0.25	90
SA5090228	68	0.5	16	0.8	107	50	47	10070253	21	1	4.9	0.05	1.18	0.5	12.7	0.5	0.25	0.25	58
SA5090229	12	0.5	6	0.025	24	50	5	10070254	97	1	6.8	0.05	1.28	0.5	16.5	0.5	0.25	2.4	74
SA5090230	32	0.5	12	0.8	50	50	10	10070255	57	1	4.7	0.05	1.04	0.5	11.9	0.5	0.25	0.25	93
SA5090231	35	0.5	7	0.025	52	50	5	10070256	82	1	4.5	0.05	1.05	0.5	11.7	0.5	0.25	0.25	80
SA5090232	77	0.5	17	1.2	128	50	24	10070257	21	1	4.7	0.05	1.21	0.5	11.7	0.5	0.25	0.25	49
SA5090233	61	0.5	15	0.7	94	50	18	10070258	19	1	4.6	0.05	1.19	0.5	13.9	0.5	0.25	0.25	44
SA5090234	64	0.5	22	2.1	121	50	30	10070259	22	1	4.8	0.05	1.19	0.5	12.8	0.5	0.25	1.5	59
SA5090235	17	0.5	7	0.6	28	50	5	10070261	64	1	4.9	0.05	1.30	0.5	14.9	0.5	0.25	0.25	78
SA5090236	46	0.5	15	1.4	77	50	35	10070262	5	1	4.4	0.05	1.50	0.5	15.5	0.5	0.25	0.25	44
SA5090237	52	0.5	21	1.2	83	50	17	10070263	1	1	3.8	0.05	1.57	0.5	15.9	0.5	0.25	0.25	34
SA5090238	76	0.5	22	1.7	110	50	23	10070264	30	1	4.1	0.05	1.43	0.5	17.3	0.5	0.25	0.25	40
SA5090239	81	2	24	1.6	121	50	14	10070265	17	1	4.9	0.05	2.42	0.5	25.3	0.5	0.25	0.25	100
SA5090240	30	0.5	15	1.2	31	50	17	10070266	17	1	6.5	0.05	3.11	0.5	28.1	0.5	0.25	2.8	236

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
SA5090241	68	0.5	21	2.2	67	50	83	10070267	66	1	2.3	0.05	1.00	0.5	12.1	0.5	0.25	1.3	14
SA5090242	43	0.5	19	1.7	75	50	39	10070268	5	1	4.2	0.05	1.63	0.5	18.1	0.5	0.25	0.25	43
SA5090243	63	0.5	26	2	75	50	10	10070269	40	1	5.6	0.05	2.95	0.5	25.8	0.5	0.25	2.3	140
SA5090244	24	0.5	6	0.025	54	50	5	10070271	38	1	4.9	0.05	1.53	0.5	13.9	0.5	0.25	0.25	245
SA5090245	24	0.5	10	0.025	48	50	12	10070272	19	1	2.6	0.05	1.06	0.5	11.8	0.5	0.25	4.3	13
SA5090246	62	0.5	24	2.3	91	50	35	10070273	4	1	3.5	0.05	1.55	0.5	15.4	0.5	0.25	4.1	31
SA5090247	21	0.5	5	0.025	27	50	19	10070274	53	1	1.1	0.05	0.53	0.5	6.9	0.5	0.25	0.25	235
SA5090248	60	0.5	14	1.1	84	50	21	10070275	5	1	3.5	0.05	1.51	0.5	15.8	0.5	0.25	4.2	60
SA5090249	32	0.5	13	0.7	68	50	7	10070276	22	1	3.9	0.05	1.36	0.5	14.9	0.5	0.25	0.25	113
SA5090250	42	0.5	12	0.9	78	50	31	10070277	12	1	7.7	0.05	2.04	0.5	19.7	0.5	0.25	1.3	267
SA5090251	33	0.5	11	0.9	105	50	12	10070278	3	1	4.6	0.05	1.27	0.5	13.9	0.5	0.25	3.4	52
SA5090252	19	0.5	9	0.6	40	50	8	10070279	6	1	4.3	0.05	1.61	0.5	17.9	0.5	0.25	3.4	51
SA5090253	41	0.5	11	1.4	79	50	18	10070281	1	1	3.6	0.05	1.00	0.5	15.5	0.5	0.25	1.5	32
SA5090254	35	0.5	12	0.8	69	50	12	10070282	6	1	3.7	0.05	1.43	0.5	14.3	0.5	0.25	0.25	65
SA5090255	7	0.5	2	0.025	17	50	3	10070283	35	1	3.4	0.05	1.60	0.5	16.6	0.5	0.25	0.25	122
SA5090256	23	0.5	10	0.025	40	50	7	10070284	101	1	5.3	0.05	1.39	0.5	16.4	0.5	0.25	0.25	90
SA5090257	15	0.5	5	0.025	33	50	3	10070285	33	1	2.6	0.05	1.01	0.5	12.4	0.5	0.25	0.25	27
SA5090258	32	0.5	16	0.025	80	50	10	10070286	37	1	4.7	0.05	1.36	0.5	15.4	0.5	0.25	1	82
SA5090259	64	0.5	13	1.1	60	50	7	10070287	77	1	5.4	0.05	1.52	0.5	17.6	0.5	0.25	5.8	56
SA5090260	56	0.5	13	0.9	79	50	26	10070288	30	1	4.3	0.05	1.18	0.5	14.2	0.5	0.25	5.4	86
SA5090261	32	0.5	14	0.8	55	50	8	10070289	105	1	5.7	0.05	1.39	0.5	14.4	0.5	0.25	4.6	93
SA5090262	36	0.5	9	0.8	39	50	23	10070291	84	1	5.8	0.05	1.31	0.5	20.8	0.5	0.25	0.25	153
SA5090263	85	0.5	18	1.4	102	50	38	10070292	64	1	4.6	0.05	0.99	0.5	11.3	0.5	0.9	0.25	67
SA5090264	31	0.5	10	0.025	41	50	7	10070293	56	1	5.1	0.05	1.08	0.5	14.3	0.5	0.25	0.25	79
SA5090265	137	0.5	19	1.8	104	50	61	10070294	20	1	3.5	0.05	1.14	0.5	12.2	0.5	0.25	0.25	50
SA5090266	52	0.5	17	1.3	92	50	13	10070295	49	1	5.5	0.05	1.16	0.5	14.1	0.5	0.25	0.25	152
SA5090267	82	0.5	20	1.4	122	50	28	10070296	38	1	5	0.05	1.05	0.5	12.6	0.5	0.25	1.5	110
SA5090268	43	0.5	12	0.6	60	50	10	10070297	52	1	5.5	0.05	1.17	0.5	14.9	0.5	0.25	1.3	166
SA5090269	79	0.5	14	1.7	86	50	37	10070298	53	1	6.8	0.05	1.22	0.5	17.2	0.5	0.25	0.25	165
SA5090270	92	0.5	14	1.4	123	50	39	10070299	26	1	5.7	0.05	1.25	0.5	16.7	0.5	0.25	0.25	116
SA5090271	60	0.5	12	1.1	93	50	28	10070301	10	1	4.5	0.05	0.90	0.5	12.6	0.5	0.25	0.25	23
SA5090272	103	0.5	17	2.2	88	50	55	10070302	10	1	4.3	0.05	1.13	0.5	12.9	0.5	0.25	0.25	82
SA5090273	9	0.5	3	0.025	13	50	5	10070303	13	1	2.2	0.05	0.60	0.5	6.9	0.5	0.25	0.25	87
SA5090274	22	0.5	6	0.5	47	50	15	10070304	57	1	8.1	0.05	2.09	0.5	21.8	0.5	0.25	1.2	114
SA5090275	18	0.5	13	0.7	42	50	17	10070305	42	1	7.7	0.05	2.55	0.5	27.2	0.5	0.25	0.25	277
SA5090276	31	0.5	7	0.7	74	50	23	10070306	29	1	3.5	0.05	1.83	0.5	15.3	0.5	0.25	0.25	264
SA5090277	85	0.5	13	1.6	99	50	49	10070307	18	1	3.7	0.05	1.33	0.5	13.7	0.5	0.25	0.25	114
SA5090278	35	0.5	10	0.8	94	50	23	10070308	45	1	5.2	0.05	1.88	0.5	19.8	0.5	0.25	0.25	154
SA5090279	85	0.5	16	1.6	94	50	54	10070309	46	1	7.1	0.05	1.65	0.5	17.0	0.5	0.25	0.25	306
SA5090280	37	0.5	12	1.1	125	50	26	10070311	34	1	7.7	0.05	1.76	0.5	18.2	0.5	0.25	0.25	419
SA5090281	76	0.5	14	1.4	128	50	51	10070312	31	1	5.4	0.05	1.50	0.5	14.3	0.5	0.25	0.25	301
SA5090282	12	0.5	6	0.025	38	50	10	10070313	42	1	7.8	0.05	2.32	0.5	23.1	0.5	0.25	0.25	256
SA5090283	35	0.5	11	0.025	69	50	26	10070314	61	1	5.7	0.05	1.93	0.5	22.0	0.5	0.25	0.25	181
SA5090284	26	0.5	18	1.3	61	50	15	10070315	49	1	9.6	0.05	2.35	0.5	23.1	0.5	0.25	0.25	144
SA5090285	81	0.5	15	1.4	112	50	44	10070316	35	1	5	0.05	1.61	0.5	17.8	0.5	0.25	1.7	150
SA5090286	82	0.5	15	1.6	94	50	46	10070317	25	1	4.6	0.05	1.57	0.5	17.5	0.5	0.25	1	112
SA5090287	43	0.5	13	1	101	50	26	10070318	35	1	4.7	0.05	1.39	0.5	15.8	0.5	0.25	0.25	105
SA5090288	85	0.5	12	1.9	70	50	51	10070319	38	1	9	0.05	2.22	0.5	22.0	0.5	0.25	0.25	175
SA5090289	60	0.5	13	1.1	116	50	41	10070321	41	1	7.7	0.05	2.35	0.5	22.7	0.5	0.25	0.25	396
SA5090290	32	0.5	13	1	123	50	27	10070322	43	1	10.7	0.05	1.59	0.5	17.3	0.5	0.25	0.25	347
SA5090291	97	0.5	11	1.8	55	50	65	10070323	107	1	1.1	0.05	0.19	0.5	4.5	0.5	0.25	0.25	125
SA5090292	22	0.5	11	0.8	114	50	19	10070324	19	1	7.8	0.05	2.17	0.5	21.0	0.5	0.25	0.25	273
SA5090293	50	0.5	18	1.5	106	50	33	10070325	52	1	5.2	0.05	1.51	0.5	16.1	0.5	0.25	1	149
SA5090294	54	0.5	21	1.6	116	50	36	10070326	42	1	4.7	0.05	1.13	0.5	13.0	0.5	0.25	0.25	101
SA5090295	61	0.5	16	1.4	141	50	35	10070327	39	1	7.3	0.05	1.44	0.5	15.2	0.5	0.25	0.25	220
SA5090296	96	0.5	16	1.7	120	50	53	10070328	35	1	5.3	0.05	1.63	0.5	16.5	0.5	0.25	3.3	165
SA5090297	41	0.5	15	1	133	50	25	10070329	63	1	6.9	0.05	1.40	0.5	14.5	0.5	0.25	2.5	357
SA5090298	77	0.5	15	1.4	139	50	38	10070331	29	1	5.3	0.05	1.64	0.5	17.2	0.5	0.25	0.25	142
SA5090299	80	0.5	15	1.5	134	50	39	10070332	35	1	5.1	0.05	1.61	0.5	18.2	0.5	0.25	2.2	177
SA5090300	24	0.5	6	0.025	153	50	14	10070333	7	1	15	0.05	2.20	0.5	22.6	0.5	0.25	0.25	344

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
SA5090301	97	0.5	14	1.6	75	50	47	10070334	13	1	12	0.05	3.50	0.5	31.9	0.5	0.25	0.7	959
SA5090302	50	0.5	13	1.5	106	50	25	10070335	19	1	4.8	0.05	0.97	0.5	13.2	0.5	0.8	0.25	52
SA5090303	83	0.5	14	0.025	102	50	35	10070336	22	1	8.6	0.05	2.09	0.5	21.1	0.5	0.25	0.6	435
SA5090304	37	0.5	10	1	97	50	20	10070337	59	1	9.8	0.05	1.58	0.5	18.6	0.5	0.25	0.25	414
SA5090305	73	0.5	13	1.4	111	50	32	10070338	41	1	7	0.05	1.33	0.5	16.3	0.5	0.25	0.25	229
SA5090306	80	0.5	16	1.6	139	50	36	10070339	34	1	6	0.05	1.20	0.5	14.7	0.5	0.25	5.7	194
SA5090307	70	0.5	13	1.2	119	50	34	10070341	29	1	6.3	0.05	1.39	0.5	20.7	0.5	0.25	2.1	132
SA5090308	70	0.5	14	1.3	114	50	35	10070342	66	1	5.5	0.05	1.45	0.5	14.4	0.5	0.25	0.25	193
SA5090309	72	0.5	17	1.4	126	50	35	10070343	43	1	5.2	0.05	1.18	0.5	13.5	0.5	0.25	0.25	163
SA5090310	33	0.5	8	0.6	64	50	19	10070344	85	1	6.1	0.05	1.56	0.5	17.4	0.5	0.25	0.25	80
SA5090311	8	0.5	2	0.025	13	50	5	10070345	15	1	2	0.05	0.27	0.5	4.2	0.5	0.25	0.25	99
SA5090312	81	0.5	11	1.5	87	50	42	10070346	22	1	6.1	0.05	1.83	0.5	18.0	0.5	0.25	0.25	378
SA5090313	96	0.5	15	1.3	97	50	52	10070347	49	1	6.4	0.05	1.60	0.5	16.7	0.5	0.25	6	249
SA5090314	51	0.5	12	0.9	108	50	25	10070348	17	1	5.1	0.05	0.94	0.5	14.1	0.5	0.25	1.9	43
SA5090315	59	0.5	17	1.7	115	50	41	10070349	57	1	6.5	0.05	1.47	0.5	16.9	0.5	0.25	5.6	234
SA5090316	65	0.5	13	1.3	114	50	36	10070351	72	1	4.2	0.05	1.00	0.5	15.3	0.5	0.25	4	92
SA5090317	42	0.5	12	0.8	109	50	27	10070352	53	1	6.7	0.05	1.74	0.5	20.2	0.5	0.25	0.25	251
SA5090318	66	0.5	16	1.8	144	50	45	10070353	35	1	4.6	0.05	1.40	0.5	15.6	0.5	0.25	0.25	346
SA5090319	72	0.5	14	1.5	130	50	42	10070354	26	1	5.1	0.05	1.56	0.5	17.4	0.5	0.25	1.1	415
SA5090320	49	0.5	13	1.3	120	50	29	10070355	57	1	5.9	0.05	1.24	0.5	14.2	0.5	0.25	0.25	328
SA5090321	63	0.5	17	1.9	110	50	36	10070356	47	1	4.9	0.05	1.03	0.5	23.8	0.5	0.25	0.25	121
SA5090322	88	0.5	11	1.5	119	50	42	10070357	7	1	5.7	0.05	1.54	0.5	15.0	0.5	0.25	0.25	163
SA5090323	31	0.5	6	0.7	100	50	17	10070358	11	1	11.6	0.05	2.37	0.5	22.6	0.5	0.25	0.25	707
SA5090324	113	0.5	15	2.1	72	50	48	10070359	29	1	5.2	0.05	1.40	0.5	16.7	0.5	0.25	0.25	158
SA5090325	80	0.5	15	1.3	124	50	40	10070361	26	1	5.2	0.05	1.36	0.5	16.6	0.5	0.25	0.25	131
SA5090326	50	0.5	13	1.3	102	50	20	10070362	18	1	5.4	0.05	1.28	0.5	14.2	0.5	0.25	0.25	94
SA5090327	73	0.5	12	1.2	101	50	32	10070363	42	1	4.5	0.05	1.16	0.5	15.0	0.5	0.25	0.25	82
SA5090328	62	0.5	17	1.3	115	50	25	10070364	26	1	4.4	0.05	1.14	0.5	13.1	0.5	0.25	0.25	75
SA5090329	81	0.5	13	1.3	92	50	42	10070365	34	1	6.9	0.05	2.24	0.5	24.0	0.5	0.25	0.25	230
SA5090330	25	0.5	6	0.025	50	50	14	10070366	70	1	8.3	0.05	2.13	0.5	24.6	0.5	0.25	0.25	181
SA5090331	68	0.5	13	1.3	115	50	26	10070367	27	1	4.5	0.05	1.17	0.5	13.8	0.5	0.25	0.25	74
SA5090332	62	0.5	16	1.2	126	50	27	10070368	22	1	4.4	0.05	1.18	0.5	13.9	0.5	0.25	0.25	81
SA5090333	114	0.5	16	1.5	83	50	53	10070369	45	1	4.9	0.05	1.25	0.5	13.6	0.5	0.25	2	112
SA5090334	40	0.5	12	0.8	83	50	14	10070371	90	1	6.1	0.05	1.13	0.5	15.9	0.5	0.25	5.4	113
SA5090335	24	0.5	7	0.025	54	50	11	10070372	90	1	7.4	0.05	1.42	0.5	17.4	0.5	0.25	0.25	268
SA5090336	90	0.5	15	1.2	114	50	37	10070373	18	1	4.5	0.05	1.11	0.5	14.1	0.5	0.25	0.25	65
SA5090337	76	0.5	9	1.2	63	50	27	10070374	10	1	5.9	0.05	1.09	0.5	13.3	0.5	0.5	0.25	44
SA5090338	88	0.5	15	1.7	101	50	35	10070375	60	1	5.1	0.05	1.13	0.5	13.1	0.5	0.25	0.25	92
SA5090339	61	0.5	8	1.2	109	50	24	10070376	12	1	6.5	0.05	1.10	0.5	12.7	0.5	0.25	0.25	95
SA5090340	43	0.5	9	1.2	100	50	18	10070377	14	1	3.2	0.05	1.09	0.5	13.5	0.5	0.25	1.5	72
SA5090341	57	0.5	11	1	97	50	23	10070378	12	1	6.4	0.05	1.13	0.5	13.4	0.5	0.25	3.1	32
SA5090342	70	0.5	11	1.1	88	50	28	10070379	9	1	6.8	0.05	1.16	0.5	13.5	0.5	0.5	0.25	37
SA5090343	30	0.5	5	0.6	57	50	12	10070381	9	1	10.7	0.05	2.67	0.5	28.0	0.5	0.25	0.25	72
SA5090344	10	0.5	3	0.025	31	50	9	10070382	7	1	5.1	0.05	0.75	0.5	9.7	0.5	0.25	0.25	51
SA5090345	87	0.5	15	1.7	114	50	56	10070383	33	1	8.2	0.05	1.25	0.5	14.1	0.5	0.25	0.25	226
SA5090346	83	0.5	12	1.9	93	160	60	10070384	18	1	8.2	0.05	1.03	0.5	11.0	0.5	0.25	0.25	228
SA5090347	92	0.5	15	2	117	50	58	10070385	20	1	7.2	0.05	0.93	0.5	11.0	0.5	0.25	0.25	132
SA5090348	70	0.5	13	1.7	89	50	50	10070386	19	1	7.3	0.05	0.91	0.5	10.5	0.5	0.25	0.25	138
SA5090349	78	0.5	14	1.8	84	50	57	10070387	55	1	8	0.05	0.95	0.5	11.4	0.5	0.25	0.25	360
SA5090350	71	0.5	12	1.5	156	50	47	10070388	25	1	11.7	0.05	1.42	0.5	12.5	0.5	0.25	0.25	267
SA5090351	88	0.5	15	1.7	102	50	60	10070389	30	1	10.1	0.05	1.60	0.5	15.5	0.5	0.25	0.25	456
SA5090352	53	0.5	10	1.2	89	50	39	10070391	32	1	8.8	0.05	1.17	0.5	14.9	0.5	0.25	0.25	380
SA5090353	54	0.5	20	3.1	131	50	53	10070392	44	1	8.5	0.05	1.36	0.5	16.1	0.5	0.25	0.25	407
SA5090354	22	-9	5	-9	51	-9	15	10070393	114	1	9.1	0.05	1.56	0.5	18.2	0.5	0.25	0.25	227
SA5090355	32	0.5	17	1.3	98	50	27	10070394	62	1	9.8	0.05	0.98	0.5	11.8	0.5	0.25	0.25	203
SA5090356	42	0.5	8	0.7	85	50	26	10070395	117	1	8.7	0.05	1.10	0.5	15.3	0.5	0.25	0.25	213
SA5090357	43	0.5	12	1.3	102	50	34	10070396	35	1	9.1	0.05	1.44	0.5	16.9	0.5	0.25	0.25	243
SA5090358	56	0.5	10	0.9	94	50	22	10070397	25	1	6.9	0.05	1.12	0.5	19.0	0.5	0.25	0.25	41
SA5090359	55	0.5	23	2.1	147	50	47	10070398	69	1	7.8	0.05	0.92	0.5	12.7	0.5	0.25	0.25	151
SA5090360	39	0.5	5	0.025	65	50	25	10070399	62	1	9.4	0.05	1.31	0.5	19.0	0.5	0.25	0.25	126

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
SA5090361	40	0.5	9	0.025	57	50	27	10070401	56	1	9	0.05	1.49	0.5	27.9	0.5	0.25	0.25	326
SA5090362	83	0.5	14	1.7	92	50	47	10070402	62	1	7.1	0.05	1.25	0.5	13.5	0.5	0.25	0.25	382
SA5090363	51	0.5	7	0.6	88	50	25	10070403	60	1	7.2	0.05	1.26	0.5	15.8	0.5	0.25	0.25	148
SA5090364	74	0.5	19	1.8	129	50	57	10070404	30	1	4.3	0.05	1.78	0.5	21.9	0.5	0.9	0.25	47
SA5090365	96	0.5	19	2.1	91	160	71	10070405	19	1	6.1	0.05	1.91	0.5	19.6	0.5	0.25	0.25	84
SA5090366	95	1	15	1.8	94	50	52	10070406	94	1	4	0.05	0.55	0.5	9.3	0.5	0.25	0.25	88
SA5090367	112	0.5	14	1.6	121	50	55	10070407	21	1	4.3	0.05	1.75	0.5	18.4	0.5	0.25	0.25	246
SA5090368	69	0.5	10	1.3	61	50	29	10070408	11	1	4.3	0.05	2.00	0.5	21.5	0.5	0.25	0.25	54
SA5090369	35	0.5	14	1.1	113	50	27	10070409	68	1	8.1	0.05	1.30	0.5	14.4	0.5	0.25	0.25	177
SA5090370	17	0.5	5	0.025	28	50	14	10070411	21	1	8.7	0.05	1.05	0.5	12.6	0.5	0.25	0.25	160
SA5090371	94	0.5	16	1.3	131	50	60	10070412	38	1	7	0.05	0.96	0.5	11.3	0.5	0.25	0.25	184
SA5090372	92	0.5	16	1.7	94	50	60	10070413	14	1	4.6	0.05	1.99	0.5	20.5	0.5	0.25	0.25	50
SA5090373	90	0.5	12	1.4	110	50	45	10070414	19	1	4.8	0.05	1.18	0.5	13.4	0.5	0.25	0.25	154
SA5090374	47	0.5	9	0.9	79	50	27	10070415	11	1	6.2	0.05	1.48	0.5	15.1	0.5	0.25	0.25	75
SA5090375	76	0.5	16	2	133	50	52	10070416	39	1	6.8	0.05	0.98	0.5	13.8	0.5	0.25	0.25	181
SA5090376	97	0.5	16	1.9	116	50	59	10070417	38	1	7.2	0.05	1.01	0.5	12.3	0.5	0.25	0.25	222
SA5090377	76	1	12	1.3	115	50	42	10070418	46	1	8.8	0.05	1.79	0.5	20.0	0.5	0.25	0.25	448
SA5090378	93	0.5	17	2.1	102	280	63	10070419	10	1	4.6	0.05	2.06	0.5	20.3	0.5	0.25	0.25	45
SA5090379	66	0.5	12	0.025	90	50	39	10070421	48	1	6.4	0.05	1.19	0.5	18.7	0.5	0.25	0.25	308
SA5090380	87	0.5	14	1.5	98	50	48	10070422	43	1	7.1	0.05	1.34	0.5	15.0	0.5	0.25	2.7	324
SA5090381	101	0.5	16	1.8	100	50	57	10070423	17	1	5.1	0.05	2.01	0.5	19.8	0.5	0.25	0.25	52
SA5090382	24	0.5	5	0.6	92	50	14	10070424	13	1	13.4	0.05	2.19	0.5	17.6	0.5	0.25	0.25	688
SA5090383	95	0.5	13	1.8	87	50	47	10070425	24	1	6.1	0.05	1.08	0.5	9.8	0.5	0.25	0.25	278
SA5090384	75	0.5	12	1.4	85	50	33	10070426	43	1	5.2	0.05	0.78	0.5	8.6	0.5	0.25	0.25	185
SA5090385	48	0.5	7	0.6	69	50	21	10070427	16	1	4.3	0.05	0.82	0.5	8.3	0.5	0.25	0.25	142
SA5090386	83	0.5	13	1.9	77	50	48	10070428	18	1	4.8	0.05	2.06	0.5	2.4	0.5	0.7	0.25	65
SA5090387	122	1	18	2.1	103	50	79	10070429	12	1	5.5	0.05	2.15	0.5	19.9	0.5	0.25	0.25	48
SA5090388	36	0.5	11	1.2	70	50	25	10070431	57	1	6.6	0.05	1.70	0.5	21.0	0.5	0.25	0.25	86
SA5090389	94	0.5	18	1.8	128	50	66	10070432	13	1	5.1	0.05	2.05	0.5	22.1	0.5	0.25	0.25	50
SA5090390	-9	-9	-9	-9	-9	-9	-9	10070433	52	1	8.3	0.05	1.86	0.5	19.5	0.5	0.25	0.25	675
SA5090391	38	0.5	9	0.6	93	50	21	10070434	25	1	5.7	0.05	1.14	0.5	15.2	0.5	0.25	0.25	194
SA5090392	87	0.5	13	1.6	101	50	45	10070435	11	1	5.4	0.05	1.14	0.5	10.9	0.5	0.25	0.25	147
SA5090393	110	0.5	16	2	81	50	63	10070436	33	1	5.2	0.05	1.25	0.5	14.2	0.5	0.25	0.25	103
SA5090394	105	0.5	17	1.8	108	50	51	10070437	26	1	6.1	0.05	1.20	0.5	13.6	0.5	0.25	0.25	135
SA5090395	39	0.5	7	0.7	71	50	21	10070438	11	1	13.7	0.05	2.25	0.5	19.7	0.5	0.25	0.25	590
SA5090396	101	0.5	17	2.1	101	50	72	10070439	23	1	4.4	0.05	1.97	0.5	20.1	0.5	0.25	0.25	65
SA5090397	111	0.5	16	2.3	80	50	69	10070441	14	1	3.9	0.05	2.06	0.5	23.0	0.5	0.25	3.9	52
SA5090398	81	0.5	15	1.8	126	50	48	10070442	24	1	4.9	0.05	1.09	0.5	13.1	0.5	0.9	2.3	54
SA5090399	66	0.5	13	0.7	89	50	37	10070443	43	1	6	0.05	1.28	0.5	14.4	0.5	0.25	4	236
SA5090400	89	0.5	14	1.4	72	170	82	10070444	25	1	8.1	0.05	1.71	0.5	16.9	0.5	0.25	6.7	86
SA5090401	106	0.5	15	1.6	101	50	75	10070445	45	1	6.6	0.05	1.75	0.5	16.0	0.5	0.25	5.1	642
SA5090402	119	0.5	15	1.8	82	50	70	10070446	15	1	5.8	0.05	2.08	0.5	20.4	0.5	0.25	9.4	55
SA5090403	-9	-9	-9	-9	-9	-9	-9	10070447	17	1	3.3	0.05	1.74	0.5	17.6	0.5	0.25	4.1	58
SA5090404	92	0.5	14	1.4	101	50	44	10070448	34	1	6	0.05	1.19	0.5	13.4	0.5	0.25	7.2	140
SA5090405	127	0.5	18	1.9	101	50	64	10070449	28	1	5.2	0.05	1.14	0.5	14.2	0.5	0.25	4.2	100
SA5090406	111	0.5	18	2.1	94	50	59	10070451	52	1	5.5	0.05	1.17	0.5	14.1	0.5	0.25	6.2	118
SA5090407	85	0.5	13	1.3	101	50	42	10070452	41	1	5.7	0.05	1.18	0.5	14.4	0.5	0.25	3.9	164
SA5090408	21	0.5	6	0.025	46	50	14	10070453	18	1	4	0.05	0.96	0.5	13.6	0.5	0.25	5.2	213
SA5090409	-9	-9	-9	-9	-9	-9	-9	10070454	29	1	3.8	0.05	0.72	0.5	8.6	0.5	0.25	2.9	209
SA5090410	103	0.5	16	2	100	50	62	10070455	14	1	3.6	0.05	1.82	0.5	18.0	0.5	0.25	5.5	92
SA5090411	88	0.5	15	1.6	92	50	73	10070456	36	1	6.8	0.05	1.89	0.5	18.4	0.5	0.25	5.1	164
SA5090412	88	0.5	18	1.5	103	50	64	10070457	21	1	8.2	0.05	1.71	0.5	16.0	0.5	0.25	5.2	104
SA5090413	75	0.5	14	1.4	110	50	76	10070458	20	1	8.3	0.05	1.72	0.5	17.1	0.5	0.25	3.5	85
SA5090414	-9	-9	-9	-9	-9	-9	-9	10070459	11	1	2.8	0.05	2.56	0.5	24.4	0.5	0.25	1.4	38
SA5090415	107	0.5	17	2.1	89	50	81	10070461	12	1	2.2	0.05	2.54	0.5	25.3	0.5	0.25	3.3	38
SA5090416	124	1	16	2	85	50	69	10070462	13	1	3.5	0.05	1.45	0.5	15.1	0.5	0.25	3.1	62
SA5090417	83	0.5	12	1.2	122	50	44	10070463	20	1	2.7	0.05	0.69	0.5	8.0	0.5	0.25	0.25	68
SA5090418	69	0.5	10	1.1	98	50	34	10070464	20	1	3	0.05	0.67	0.5	7.9	0.5	0.25	5.4	72
SA5090419	90	0.5	13	1.5	62	50	51	10070465	17	1	4.3	0.05	1.23	0.5	14.5	0.5	0.25	3	59
SA5090420	-9	-9	-9	-9	-9	-9	-9	10070466	26	1	3.2	0.05	2.37	0.5	23.0	0.5	0.25	2.3	72

Appendix 1 - Open File 023I/0101

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
SA5090421	101	0.5	15	1.5	124	50	51	10070467	18	1	5	0.05	1.43	0.5	16.0	0.5	0.25	3.1	140
SA5090422	72	0.5	11	0.8	85	50	40	10070468	8	1	3.1	0.05	0.61	0.5	10.5	0.5	0.25	3	39
SA5090423	83	0.5	15	1.3	127	50	48	10070469	22	1	4.3	0.05	1.03	0.5	11.9	0.5	0.25	3.6	120
SA5090424	10	0.5	5	0.025	42	50	9	10070471	21	1	5.1	0.05	0.94	0.5	13.2	0.5	0.25	2.5	354
SA5090425	17	0.5	7	0.5	64	50	12	10070472	53	1	7.2	0.05	1.94	0.5	19.8	0.5	0.25	1.2	395
SA5090426	62	0.5	9	0.8	112	50	29	10070473	16	1	3.9	0.05	0.77	0.5	9.7	0.5	0.25	2	97
SA5090427	74	0.5	11	1.2	59	50	37	10070474	12	1	3.1	0.05	0.64	0.5	9.2	0.5	0.25	1.9	59
SA5090428	-9	-9	-9	-9	-9	-9	-9	10070475	13	1	3.1	0.05	0.67	0.5	11.8	0.5	0.25	0.25	48
SA5090429	134	0.5	16	2	98	50	54	10070476	18	1	4.7	0.05	1.27	0.5	15.3	0.5	0.25	4.5	69
SA5090430	50	0.5	10	0.9	100	50	28	10070477	56	1	7.6	0.05	1.98	0.5	20.6	0.5	0.25	0.25	411
SA5090431	99	0.5	16	2	105	50	47	10070478	19	1	4.5	0.05	1.22	0.5	13.7	0.5	0.25	0.25	64
SA5090432	81	0.5	15	1.7	102	50	37	10070479	19	1	4.3	0.05	1.28	0.5	14.9	0.5	0.25	0.25	58
SA5090433	95	0.5	16	1.3	93	50	49	10070481	30	1	4.7	0.05	1.28	0.5	49.5	0.5	0.25	0.25	130
SA5090434	51	0.5	8	0.7	84	50	21	10070482	23	1	10.8	0.05	1.83	0.5	19.9	0.5	0.25	0.25	537
SA5090435	75	0.5	11	1.3	107	50	35	10070483	9	1	12	0.05	1.66	0.5	22.9	0.5	0.25	0.25	409
SA5090436	32	0.5	6	0.7	57	50	16	10070484	6	1	8.2	0.05	2.12	0.5	19.3	0.5	0.25	0.25	321
SA5090437	74	0.5	11	1.2	104	50	31	10070485	11	1	5	0.05	1.10	0.5	12.8	0.5	0.25	0.25	79
SA5090438	35	0.5	6	0.025	40	50	17	10070486	39	1	6.5	0.05	1.18	0.5	15.7	0.5	0.25	0.25	159
SA5090439	113	0.5	17	2.1	86	50	47	10070487	12	1	4.7	0.05	1.04	0.5	12.8	0.5	0.25	0.25	57
SA5090440	151	0.5	18	1.9	106	50	59	10070488	11	1	5.2	0.05	1.03	0.5	11.1	0.5	0.25	0.25	68
SA5090441	120	0.5	16	2.1	88	50	58	10070489	15	1	5.1	0.05	1.06	0.5	12.4	0.5	0.25	0.25	85
SA5090442	32	0.5	10	0.025	60	50	14	10070491	73	1	4.5	0.05	1.14	0.5	32.0	0.5	0.25	0.25	124
SA5090443	15	0.5	7	0.8	67	50	10	10070492	73	1	13.4	0.05	2.18	0.5	23.7	0.5	0.25	0.25	1056
SA5090444	25	0.5	6	0.025	66	50	10	10070493	31	1	10.5	0.05	2.66	0.5	23.8	0.5	0.25	0.25	752
SA5090445	-9	-9	-9	-9	-9	-9	-9	10070494	15	1	4.3	0.05	1.29	0.5	15.3	0.5	0.25	0.25	67
SA5090446	63	0.5	11	1.2	56	50	36	10070495	23	1	4.6	0.05	1.24	0.5	16.9	0.5	0.25	0.25	88
SA5090447	60	0.5	14	1.1	77	50	37	10070496	69	1	7.4	0.05	1.36	0.5	16.3	0.5	0.25	4.8	133
SA5090448	11	0.5	5	0.025	59	50	6	10070497	89	1	7.8	0.05	1.46	0.5	17.5	0.5	0.25	2.6	241
SA5090449	73	0.5	12	1.4	121	50	44	10070498	40	1	4.6	0.05	0.80	0.5	10.9	0.5	0.25	8.7	74
SA5090450	56	0.5	15	1.3	105	50	29	10070499	38	1	7.7	0.05	1.76	0.5	19.8	0.5	0.25	0.25	66
SA5090451	62	0.5	11	1.3	74	50	32	10070501	45	1	6.9	0.05	1.76	0.5	42.6	0.5	0.25	0.25	227
SA5090452	51	0.5	12	1	89	50	28	10070502	28	1	3.9	0.05	0.83	0.5	12.7	0.5	0.25	0.25	32
SA5090453	19	0.5	8	0.025	57	50	12	10070503	84	1	6.1	0.05	2.42	0.5	24.1	0.5	0.25	0.25	79
SA5090454	112	1	16	2.1	89	50	60	10070504	23	1	4	0.05	0.87	0.5	11.8	0.5	0.25	0.25	33
SA5090455	39	0.5	10	0.9	92	50	20	10070505	26	1	5	0.05	1.56	0.5	15.8	0.5	0.25	0.25	83
SA5090456	46	0.5	12	1	76	50	24	10070506	22	1	5.1	0.05	1.58	0.5	17.0	0.5	0.25	1	170
SA5090457	90	0.5	14	1.6	64	50	53	10070507	71	1	8	0.05	1.19	0.5	13.3	0.5	0.25	0.25	52
SA5090458	29	0.5	7	0.8	92	50	17	10070508	23	1	4.2	0.05	2.21	0.5	19.0	0.5	0.25	2.1	537
SA5090459	53	0.5	9	0.025	92	50	26	10070509	116	1	9.7	0.05	1.61	0.5	-9	0.5	0.25	5.5	367
SA5090460	53	0.5	12	0.9	81	50	27	10070511	27	1	4.1	0.05	0.87	0.5	10.7	0.5	0.7	0.25	51
SA5090461	89	0.5	12	1.3	120	50	45	10070512	6	1	5.7	0.05	1.09	0.5	12.5	0.5	0.25	0.25	27
SA5090462	94	0.5	13	1.3	104	50	52	10070513	8	1	5.7	0.05	1.02	0.5	9.6	0.5	0.25	0.25	39
SA5090463	39	0.5	11	0.025	98	50	21	10070514	40	1	6.4	0.05	1.63	0.5	14.7	0.5	0.25	0.25	276
SA5090464	29	0.5	8	0.025	66	50	16	10070515	54	1	6.8	0.05	1.42	0.5	16.1	0.5	0.25	0.25	208
SA5090465	92	0.5	12	1.3	101	50	45	10070516	124	1	5.6	0.05	1.22	0.5	12.9	0.5	0.25	0.25	86
SA5090466	61	0.5	12	1.1	82	50	37	10070517	22	1	5	0.05	1.07	0.5	13.1	0.5	0.25	0.25	60
SA5090467	18	0.5	5	0.025	47	50	11	10070518	70	1	6.5	0.05	1.13	0.5	12.2	0.5	0.25	0.25	196
SA5090468	58	0.5	12	1.2	97	50	30	10070519	21	1	5	0.05	1.06	0.5	11.8	0.5	1	0.6	48
SA5090469	19	-9	7	-9	71	-9	14	10070521	40	1	7.7	0.05	1.84	0.5	19.4	0.5	0.25	2.8	188
SA5090470	90	0.5	12	1.3	73	50	50	10070522	5	1	6.3	0.05	1.18	0.5	11.0	0.5	0.25	0.25	43
SA5090471	119	0.5	15	1.7	105	50	60	10070523	19	1	5.5	0.05	1.10	0.5	10.6	0.5	0.25	0.25	82
SA5090472	139	0.5	17	2.1	87	50	68	10070524	12	1	5	0.05	1.05	0.5	10.8	0.5	0.25	0.25	82
SA5090473	83	0.5	15	0.9	107	50	42	10070525	60	1	6.7	0.05	1.11	0.5	14.1	0.5	0.25	0.25	164
SA5090474	96	0.5	13	1.7	76	50	47	10070526	3	1	6	0.05	1.09	0.5	10.3	0.5	0.9	0.25	40
SA5090475	64	0.5	14	0.9	97	50	27	10070527	72	1	7	0.05	1.14	0.5	14.2	0.5	0.25	0.25	233
SA5090476	107	0.5	15	1.6	142	50	59	10070528	46	1	4.8	0.05	0.77	0.5	10.0	0.5	0.25	2.8	75
SA5090477	47	0.5	12	0.025	99	50	21	10070529	27	1	4.3	0.05	0.71	0.5	9.5	0.5	0.25	0.25	87
SA5090478	84	0.5	15	1.5	75	290	57	10070531	19	1	4.8	0.05	1.24	0.5	13.2	0.5	0.25	0.25	72
SA5090479	9	0.5	7	0.5	90	50	9	10070532	21	1	9.9	0.05	1.27	0.5	13.1	0.5	0.25	0.25	129
SA5090480	103	0.5	14	1.8	116	50	70	10070533	25	1	4.4	0.05	1.89	0.5	18.8	0.5	0.25	0.25	111

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
SA5090481	105	1	16	1.9	86	50	74	10070534	39	1	5.3	0.05	1.70	0.5	7.7	0.5	0.25	0.25	224
SA5090482	18	0.5	4	0.025	55	50	13	10070535	13	1	2.2	0.05	0.65	0.5	21.9	0.5	0.25	0.25	137
SA5090483	108	0.5	16	1.9	105	50	75	10070536	13	1	3.5	0.05	2.39	0.5	17.8	0.5	0.25	0.25	56
SA5090484	119	0.5	15	1.7	109	50	76	10070537	24	1	4.3	0.05	1.83	0.5	14.6	0.5	0.25	0.25	172
SA5090485	83	0.5	14	1.7	93	50	56	10070538	28	1	3.9	0.05	1.33	0.5	14.1	0.5	0.25	0.25	114
SA5090486	109	0.5	14	1.7	83	50	62	10070539	20	1	4.2	0.05	1.02	0.5	11.1	0.5	0.25	0.25	144
SA5090487	151	1	17	2.2	102	50	91	10070541	25	1	4.1	0.05	1.02	0.5	11.3	0.5	0.25	0.25	120
SA5090488	70	0.5	15	1.3	109	50	44	10070542	17	1	3.9	0.05	1.03	0.5	10.9	0.5	0.25	0.25	86
SA5090489	90	0.5	12	1.6	120	50	45	10070543	28	1	3.2	0.05	0.70	0.5	8.3	0.5	0.25	0.25	71
SA5090490	95	0.5	15	1.7	86	50	63	10070544	20	1	4	0.05	1.37	0.5	13.7	0.5	0.25	0.25	84
SA5090491	95	0.5	15	1.8	96	50	52	10070545	10	1	4.2	0.05	1.26	0.5	14.2	0.5	0.25	0.25	74
SA5090492	90	0.5	17	1.4	107	50	50	10070546	30	1	4.4	0.05	1.27	0.5	13.3	0.5	0.25	0.25	122
SA5090493	97	0.5	13	1.8	80	50	49	10070547	12	1	5.2	0.05	1.60	0.5	16.6	0.5	0.25	0.25	85
SA5090494	139	0.5	18	2.5	100	290	68	10070548	22	1	4.3	0.05	1.26	0.5	14.1	0.5	0.25	0.25	66
SA5090495	37	0.5	14	1.5	132	50	26	10070549	53	1	6.1	0.05	1.42	0.5	16.5	0.5	0.25	0.25	184
SA5090496	106	0.5	16	1.8	80	310	52	10070551	21	1	4.3	0.05	1.20	0.5	13.7	0.5	0.25	0.25	79
SA5090497	95	0.5	15	1.4	91	50	45	10070552	20	1	4.3	0.05	1.24	0.5	13.7	0.5	0.25	0.25	76
SA5090498	87	0.5	14	1.4	72	50	46	10070553	17	1	5	0.05	1.30	0.5	14.7	0.5	0.25	0.25	117
SA5090499	32	0.5	5	0.025	89	50	16	10070554	10	1	8.6	0.05	2.52	0.5	21.4	0.5	0.25	0.25	200
SA5090500	91	0.5	15	1.7	72	50	55	10070555	27	1	4.4	0.05	1.19	0.5	14.2	0.5	0.25	0.25	80
SA5090501	121	0.5	16	1.9	87	240	58	10070556	4	1	5	0.05	1.32	0.5	14.8	0.5	0.25	0.25	51
SA5090502	16	0.5	4	0.025	78	50	13	10070557	15	1	9	0.05	2.07	0.5	21.0	0.5	0.25	0.25	511
SA5090503	90	0.5	16	1.5	84	50	49	10070558	16	1	4.4	0.05	1.22	0.5	13.1	0.5	0.25	0.25	96
SA5090504	100	0.5	16	1.9	84	210	58	10070559	33	1	4.8	0.05	1.20	0.5	12.7	0.5	0.25	0.25	119
SA5090505	77	0.5	13	1.4	90	50	40	10070561	32	1	4.6	0.05	1.24	0.5	14.4	0.5	0.25	0.25	100
SA5090506	95	0.5	15	1.4	86	50	47	10070562	27	1	4.2	0.05	1.21	0.5	13.1	0.5	0.25	0.25	94
SA5090507	94	0.5	16	1.3	69	230	64	10070563	76	1	6.6	0.05	1.34	0.5	14.0	0.5	0.25	0.25	420
SA5090508	73	0.5	16	1.5	96	50	42	10070564	38	1	5.1	0.05	1.29	0.5	14.6	0.5	0.25	0.25	138
SA5090509	30	0.5	8	0.025	52	50	15	10070565	71	1	5.5	0.05	1.14	0.5	13.6	0.5	0.25	0.25	29
SA5090510	86	0.5	16	1.3	104	280	70	10070566	89	1	7.4	0.05	1.53	0.5	15.8	0.5	0.25	0.25	449
SA5090511	-9	-9	-9	-9	-9	-9	-9	10070567	6	1	5.1	0.05	1.07	0.5	11.9	0.5	0.25	0.25	90
SA5090512	18	0.5	5	0.025	29	50	8	10070568	154	1	7.5	0.05	1.64	0.5	18.4	0.5	0.25	0.25	582
SA5090513	76	0.5	16	1.1	88	50	40	10070569	28	1	5.2	0.05	1.28	0.5	14.7	0.5	0.25	0.25	100
SA5090514	16	0.5	7	0.025	33	50	9	10070571	66	1	7	0.05	1.58	0.5	18.3	0.5	0.25	0.25	72
SA5090515	21	0.5	5	0.025	39	50	12	10070572	69	1	7.6	0.05	1.97	0.5	20.3	0.5	0.25	0.25	265
SA5090516	48	0.5	7	0.8	76	50	17	10070573	12	1	4.2	0.05	0.95	0.5	9.9	0.5	0.25	0.25	175
SA5090517	47	0.5	11	1	65	50	20	10070574	37	1	4.5	0.05	1.19	0.5	13.6	0.5	0.25	0.25	95
SA5090518	79	0.5	15	1.3	88	180	52	10070575	41	1	5.7	0.05	1.95	0.5	19.8	0.5	0.25	0.25	167
SA5090519	28	0.5	6	0.025	40	50	17	10070576	45	1	4.4	0.05	1.79	0.5	19.8	0.5	0.25	0.25	63
SA5090520	22	0.5	4	0.025	37	50	10	10070577	74	1	5.7	0.05	2.19	0.5	24.4	0.5	0.25	0.25	119
SA5090521	43	0.5	8	0.025	74	50	18	10070578	43	1	7.2	0.05	2.20	0.5	21.8	0.5	0.25	0.25	254
SA5090522	31	0.5	7	0.025	62	50	14	10070579	44	1	6.3	0.05	1.98	0.5	19.9	0.5	0.25	0.25	210
SA5090523	75	0.5	13	1.6	59	50	54	10070581	68	1	3.9	0.05	0.88	0.5	12.4	0.5	0.25	0.25	38
SA5090524	23	0.5	7	0.025	37	50	9	10070582	69	1	6	0.05	1.52	0.5	16.5	0.5	0.25	0.25	139
SA5090525	52	0.5	12	0.025	71	50	23	10070583	35	1	4.2	0.05	1.08	0.5	13.6	0.5	0.25	0.25	92
SA5090526	72	0.5	13	1.2	105	50	29	10070584	21	1	4.4	0.05	1.16	0.5	12.7	0.5	0.25	0.25	59
SA5090527	69	0.5	18	1.6	116	50	34	10070585	29	1	4.2	0.05	1.18	0.5	12.4	0.5	0.25	0.25	114
SA5090528	13	0.5	8	0.7	39	50	8	10070586	82	1	7.2	0.05	1.96	0.5	20.7	0.5	0.25	0.25	191
SA5090529	24	0.5	8	0.025	62	50	14	10070587	125	1	7	0.05	1.62	0.5	18.7	0.5	0.25	0.25	39
SA5090530	81	0.5	19	1.4	118	50	39	10070588	21	1	4.4	0.05	1.21	0.5	13.2	0.5	0.25	0.25	72
SA5090531	16	0.5	5	0.025	45	50	7	10070589	59	1	7	0.05	1.75	0.5	18.4	0.5	0.25	0.25	233
SA5090532	48	0.5	8	0.025	61	50	25	10070591	66	1	6.3	0.05	1.53	0.5	18.5	0.5	0.25	0.25	247
SA5090533	41	0.5	12	1	35	50	11	10070592	37	1	6.4	0.05	2.33	0.5	24.7	0.5	0.25	0.25	178
SA5090534	12	0.5	7	0.025	36	50	7	10070593	92	1	7.1	0.05	1.39	0.5	18.4	0.5	0.6	0.25	93
SA5090535	2	0.5	4	0.025	6	50	2	10070594	27	1	0.9	0.05	0.34	0.5	6.9	0.5	0.25	0.25	93
SA5090536	68	0.5	12	1.1	88	50	31	10070595	48	1	5.4	0.05	1.41	0.5	15.9	0.5	0.25	0.25	131
SA5090537	84	0.5	15	1.3	94	50	43	10070596	26	1	5.6	0.05	1.28	0.5	14.6	0.5	0.25	0.25	162
SA5090538	67	0.5	14	0.9	110	50	34	10070597	82	1	5.1	0.05	1.45	0.5	16.1	0.5	0.25	0.25	192
SA5090539	84	0.5	15	1.7	69	240	54	10070598	19	1	4.6	0.05	1.29	0.5	14.3	0.5	0.25	0.25	73
SA5090540	72	0.5	14	0.8	91	50	43	10070599	70	1	5.5	0.05	1.48	0.5	16.8	0.5	0.25	0.25	279

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
SA5090541	62	0.5	12	1.1	107	50	31	10070601	45	1	5.8	0.05	1.44	0.5	15.6	0.5	0.25	0.25	178
SA5090542	39	0.5	10	0.9	67	50	19	10070602	62	1	5.7	0.05	1.31	0.5	14.9	0.5	0.25	0.25	198
SA5090543	69	0.5	14	1.8	56	420	57	10070603	23	1	4.3	0.05	1.28	0.5	13.9	0.5	0.25	0.25	85
SA5090544	37	0.5	9	0.025	91	50	17	10070604	40	1	4.7	0.05	0.91	0.5	11.3	0.5	0.25	0.25	118
SA5090545	21	0.5	8	0.6	80	50	11	10070605	89	1	3	0.05	0.93	0.5	11.3	0.5	0.25	0.25	213
SA5090546	25	0.5	7	0.025	43	50	11	10070606	135	1	5.6	0.05	0.95	0.5	11.2	0.5	0.25	0.25	213
SA5090547	25	0.5	7	0.025	42	50	16	10070607	83	1	6.4	0.05	1.28	0.5	14.4	0.5	0.25	0.25	139
SA5090548	29	0.5	6	0.025	46	50	13	10070608	95	1	6.4	0.05	1.29	0.5	13.8	0.5	0.25	0.25	165
SA5090549	100	0.5	16	1.7	87	50	50	10070609	65	1	5.8	0.05	1.01	0.5	12.1	0.5	0.25	0.25	81
SA5090550	42	0.5	10	0.025	76	50	15	10070611	60	1	5.6	0.05	1.08	0.5	14.0	0.5	0.25	0.25	115
SA5090551	41	0.5	12	0.9	82	50	17	10070612	59	1	7.2	0.05	1.19	0.5	14.4	0.5	0.25	0.25	182
SA5090552	34	0.5	13	0.6	60	50	16	10070613	107	1	8.1	0.05	1.79	0.5	18.1	0.5	0.25	0.25	142
SA5090553	43	0.5	15	0.9	80	50	19	10070614	58	1	6.6	0.05	1.21	0.5	14.1	0.5	0.25	0.25	154
SA5090554	42	0.5	14	1	84	50	18	10070615	63	1	6.9	0.05	1.26	0.5	15.0	0.5	0.25	0.25	165
SA5090555	15	0.5	5	0.7	31	50	8	10070616	136	1	7.7	0.05	1.47	0.5	16.3	0.5	0.25	0.25	161
SA5090556	-9	-9	-9	-9	-9	-9	-9	10070617	26	1	4.8	0.05	1.23	0.5	13.9	0.5	0.25	0.25	95
SA5090557	18	0.5	7	0.025	39	50	9	10070618	111	1	8	0.05	1.45	0.5	18.1	0.5	0.25	0.25	160
SA5090558	30	0.5	8	0.025	57	50	14	10070619	95	1	7.8	0.05	1.62	0.5	19.0	0.5	0.25	0.25	191
SA5090559	21	0.5	4	0.025	36	50	5	10070621	99	1	6.1	0.05	1.06	0.5	13.0	0.5	0.25	0.25	133
SA5090560	22	0.5	7	0.025	39	50	8	10070622	131	1	5.7	0.05	0.94	0.5	11.2	0.5	0.25	0.25	159
SA5090561	66	0.5	12	0.8	85	50	16	10070623	124	1	6.5	0.05	1.20	0.5	13.4	0.5	0.25	0.25	192
SA5090562	15	0.5	8	0.6	41	50	10	10070624	91	1	7.2	0.05	1.42	0.5	16.5	0.5	0.25	0.25	133
SA5090563	27	0.5	8	0.025	57	50	10	10070625	94	1	5.7	0.05	1.29	0.5	15.3	0.5	0.25	0.25	117
SA5090564	20	0.5	7	0.025	45	50	9	10070626	99	1	6.7	0.05	1.42	0.5	16.3	0.5	0.25	0.25	99
SA5090565	23	0.5	8	0.025	58	50	8	10070627	57	1	3.3	0.05	0.80	0.5	-9	0.5	0.25	11.6	67
SA5090566	24	0.5	8	0.025	50	50	10	10070628	58	1	5.5	0.05	1.53	0.5	16.7	0.5	0.25	1.5	81
SA5090567	27	0.5	12	0.025	62	50	12	10070629	63	1	5.8	0.05	1.12	0.5	13.0	0.5	0.25	0.25	127
SA5090568	22	0.5	6	0.025	47	50	10	10070631	71	1	4.5	0.05	1.26	0.5	16.4	0.5	0.25	0.25	68
SA5090569	27	0.5	5	0.025	46	50	7	10070632	55	1	3.5	0.05	1.45	0.5	16.2	0.5	0.25	0.25	20
SA5090570	20	0.5	8	0.025	47	50	9	10070633	68	1	4	0.05	1.88	0.5	20.9	0.5	0.25	0.25	41
SA5090571	33	0.5	10	0.9	58	50	16	10070634	79	1	5.7	0.05	1.44	0.5	15.4	0.5	0.25	0.25	120
SA5090572	15	0.5	5	0.025	27	50	5	10070635	54	1	3.7	0.05	1.05	0.5	12.9	0.5	0.25	0.25	67
SA5090573	71	0.5	14	1	70	290	47	10070636	91	1	6.3	0.05	1.39	0.5	14.7	0.5	0.25	0.25	204
SA5090574	54	0.5	16	0.8	72	50	32	10070637	73	1	5.5	0.05	1.31	0.5	15.3	0.5	0.25	0.25	209
SA5090575	20	0.5	5	0.025	34	50	9	10070638	72	1	4.3	0.05	1.25	0.5	15.4	0.5	0.25	0.25	77
SA5090576	51	0.5	13	0.9	60	50	46	10070639	78	1	5.4	0.05	1.47	0.5	15.8	0.5	0.25	0.25	215
SA5090577	48	0.5	10	1.1	47	50	34	10070641	106	1	7	0.05	2.02	0.5	20.4	0.5	0.25	0.25	229
SA5090578	39	0.5	7	0.025	47	50	24	10070642	77	1	5.4	0.05	1.52	0.5	15.2	0.5	0.25	0.25	227
SA5090579	58	0.5	12	1.2	72	50	40	10070643	51	1	5.3	0.05	1.47	0.5	16.0	0.5	0.25	0.25	222
SA5090580	14	0.5	4	0.025	30	50	7	10070644	100	1	8	0.05	1.70	0.5	16.4	0.5	0.25	0.25	356
SA5090581	21	0.5	8	0.025	44	50	9	10070645	77	1	5.5	0.05	1.29	0.5	16.3	0.5	0.25	0.25	167
SA5090582	30	0.5	7	0.025	41	50	11	10070646	63	1	4.7	0.05	1.16	0.5	14.4	0.5	0.25	0.25	146
SA5090583	25	0.5	12	0.025	41	50	10	10070647	93	1	4.2	0.05	1.12	0.5	15.0	0.5	0.25	0.25	111
SA5090584	18	0.5	6	0.6	38	50	7	10070648	45	1	4.6	0.05	1.48	0.5	18.6	0.5	0.25	0.25	123
SA5090585	77	0.5	17	1.8	72	280	52	10070649	58	1	4.5	0.05	1.43	0.5	16.8	0.5	0.25	0.25	54
SA5090586	35	0.5	8	0.7	60	50	13	10070651	38	1	3.7	0.05	1.11	0.5	13.1	0.5	0.25	0.25	65
SA5090587	72	0.5	19	1.4	149	50	18	10070652	27	1	5.2	0.05	1.70	0.5	17.0	0.5	0.25	0.25	32
SA5090588	93	1	23	1.6	162	50	26	10070653	33	1	5.3	0.05	1.68	0.5	17.3	0.5	0.25	0.25	40
SA5090589	92	0.5	17	1.7	98	50	42	10070654	68	1	6	0.05	1.69	0.5	18.9	0.5	0.25	0.25	65
SA5090590	22	0.5	9	0.6	33	50	6	10070655	61	1	4.1	0.05	1.36	0.5	15.7	0.5	0.25	0.25	44
SA5090591	55	0.5	8	0.025	61	50	7	10070656	88	1	5.4	0.05	0.98	0.5	13.9	0.5	0.25	0.25	258
SA5090592	16	0.5	10	0.9	29	50	7	10070657	80	1	5.8	0.05	1.25	0.5	15.0	0.5	0.25	0.25	83
SA5090593	24	0.5	9	0.025	42	50	10	10070658	58	1	5.2	0.05	1.67	0.5	17.0	0.5	0.25	0.25	99
SA5090594	44	0.5	14	0.025	71	50	19	10070659	70	1	5.4	0.05	1.68	0.5	17.6	0.5	0.25	0.25	109
SA5090595	33	0.5	11	0.8	70	50	13	10070661	66	1	6	0.05	1.10	0.5	13.4	0.5	0.25	0.25	96
SA5090596	32	0.5	8	0.6	42	50	16	10070662	99	1	6.4	0.05	1.29	0.5	13.3	0.5	0.25	0.25	228
SA5090597	44	0.5	10	1	99	50	7	10070663	44	1	4.5	0.05	1.00	0.5	9.8	0.5	0.25	0.25	289
SA5090598	43	0.5	16	1.1	78	50	30	10070664	46	1	4.4	0.05	1.24	0.5	13.8	0.5	0.25	0.25	48
SA5090599	38	0.5	19	1.1	79	50	18	10070665	56	1	4.6	0.05	1.29	0.5	13.9	0.5	0.25	0.25	45

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
SA5090600	37	0.5	14	1.5	67	50	23	10070666	37	1	3.9	0.05	1.10	0.5	13.7	0.5	0.25	0.25	33
SA5090601	77	0.5	25	1.6	102	50	17	10070667	44	1	4.3	0.05	1.28	0.5	13.6	0.5	0.25	0.25	37
SA5090602	28	0.5	15	0.025	34	50	6	10070668	73	1	3.9	0.05	0.80	0.5	10.8	0.5	0.25	0.25	69
SA5090603	42	0.5	21	1.6	76	50	18	10070669	46	1	4.1	0.05	1.03	0.5	12.2	0.5	0.25	0.25	36
SA5090604	12	0.5	14	0.8	36	50	7	10070671	105	1	4	0.05	1.18	0.5	12.9	0.5	0.25	0.25	47
SA5090605	15	0.5	5	0.025	18	50	3	10070672	138	1	4.9	0.05	1.65	0.5	14.8	0.5	0.25	0.25	246
SA5090606	28	0.5	18	1.2	62	50	9	10070673	58	1	4.3	0.05	1.07	0.5	11.9	0.5	0.25	0.25	65
SA5090607	42	0.5	15	1.1	50	50	11	10070674	64	1	4.4	0.05	1.05	0.5	11.8	0.5	0.25	0.25	115
SA5090608	11	0.5	7	0.8	23	50	5	10070675	109	1	7.6	0.05	1.70	0.5	16.6	0.5	0.25	0.25	155
SA5090609	13	0.5	7	0.025	27	50	6	10070676	79	1	6.4	0.05	1.61	0.5	16.7	0.5	0.25	0.25	133
SA5090610	23	0.5	11	0.025	40	50	8	10070677	79	1	5.4	0.05	1.34	0.5	14.1	0.5	0.25	0.25	85
SA5090611	36	0.5	13	0.025	60	50	9	10070678	62	1	5.1	0.05	1.18	0.5	13.9	0.5	0.25	0.25	94
SA5090612	83	0.5	26	1.3	102	50	56	10070679	42	1	4.8	0.05	1.28	0.5	14.1	0.5	0.25	0.25	45
SA5090613	51	0.5	18	0.7	88	50	21	10070681	53	1	4.9	0.05	1.02	0.5	12.7	0.5	0.25	0.25	93
SA5090614	41	0.5	17	1.1	67	50	10	10070682	56	1	4.7	0.05	1.04	0.5	11.9	0.5	0.25	0.25	28
SA5090615	55	0.5	18	1	84	50	17	10070683	89	1	6.4	0.05	1.09	0.5	13.0	0.5	0.25	0.25	143
SA5090616	52	0.5	14	1.2	53	50	34	10070684	90	1	6.6	0.05	1.48	0.5	15.8	0.5	0.25	0.25	153
SA5090617	11	0.5	18	0.8	39	50	8	10070685	60	1	4.1	0.05	0.83	0.5	12.2	0.5	0.25	0.25	36
SA5090618	61	0.5	13	0.9	82	50	38	10070686	88	1	6.3	0.05	1.65	0.5	16.3	0.5	0.25	0.25	132
SA5090619	22	0.5	6	0.5	30	50	6	10070687	55	1	4.1	0.05	1.51	0.5	16.6	0.5	0.25	0.25	50
SA5090620	50	0.5	14	0.9	61	50	10	10070688	27	1	4.7	0.05	1.40	0.5	15.8	0.5	0.25	0.25	24
SA5090621	28	0.5	6	0.025	32	50	5	10070689	52	1	3.7	0.05	1.03	0.5	13.2	0.5	0.25	0.25	56
SA5090622	64	0.5	16	0.9	67	50	60	10070691	69	1	4.5	0.05	1.20	0.5	14.5	0.5	0.25	0.25	130
SA5090623	46	0.5	9	0.8	53	50	34	10070692	100	1	7.2	0.05	1.69	0.5	16.5	0.5	0.25	0.25	345
SA5090624	39	0.5	12	0.6	67	50	23	10070693	37	1	5.5	0.05	1.66	0.5	18.8	0.5	0.25	0.25	72
SA5090625	53	0.5	14	0.9	77	50	31	10070694	33	1	5.3	0.05	1.61	0.5	19.1	0.5	0.25	0.25	70
SA5090626	23	0.5	5	0.025	38	50	7	10070695	55	1	2.7	0.05	0.88	0.5	12.8	0.5	0.25	0.25	90
SA5090627	56	0.5	11	0.7	69	50	13	10070696	36	1	3.3	0.05	0.70	0.5	9.8	0.5	0.25	0.25	93
SA5090628	28	0.5	6	0.025	45	50	8	10070697	68	1	5.3	0.05	1.31	0.5	15.1	0.5	0.25	0.25	231
SA5090629	12	0.5	5	0.5	33	50	6	10070698	95	1	6.2	0.05	1.74	0.5	18.5	0.5	0.25	0.25	198
SA5090630	50	0.5	9	0.025	55	50	7	10070699	35	1	3.3	0.05	1.30	0.5	14.9	0.5	0.25	0.25	48
SA5090631	44	0.5	9	0.6	73	50	10	10070701	34	1	4.7	0.05	1.16	0.5	19.4	0.5	0.7	0.25	65
SA5090632	53	0.5	14	0.9	85	50	31	10070702	41	1	4.1	0.05	1.11	0.5	12.7	0.5	0.25	0.25	144
SA5090633	70	0.5	15	1.2	73	200	41	10070703	40	1	4.2	0.05	1.14	0.5	13.3	0.5	0.25	0.25	128
SA5090634	18	0.5	4	0.025	36	50	8	10070704	81	1	7.7	0.05	1.85	0.5	18.1	0.5	0.25	0.25	387
SA5090635	73	0.5	16	1.6	68	210	54	10070705	32	1	4.7	0.05	1.28	0.5	13.3	0.5	0.25	0.25	148
SA5090636	64	0.5	11	1	108	50	33	10070706	10	1	6.3	0.05	1.76	0.5	18.0	0.5	0.25	0.25	165
SA5090637	67	0.5	11	0.025	91	50	32	10070707	1	1	4.2	0.05	1.18	0.5	11.1	0.5	0.25	0.25	120
SA5090638	83	0.5	15	1.5	95	50	47	10070708	17	1	7.4	0.05	1.66	0.5	14.8	0.5	0.25	0.25	208
SA5090639	39	0.5	8	0.6	60	50	9	10070709	32	1	4.6	0.05	1.14	0.5	13.9	0.5	0.25	0.25	65
SA5090640	111	0.5	17	1	93	50	39	10070711	31	1	5.1	0.05	1.39	0.5	14.6	0.5	0.25	0.25	237
SA5090641	42	0.5	12	0.025	82	50	20	10070712	11	1	7.2	0.05	1.75	0.5	16.6	0.5	0.25	0.25	54
SA5090642	95	0.5	17	0.8	143	50	34	10070713	31	1	5.2	0.05	1.39	0.5	13.9	0.5	0.25	0.25	214
SA5090643	18	0.5	6	0.6	39	50	9	10070714	39	1	3.7	0.05	1.23	0.5	13.2	0.5	0.25	0.25	164
SA5090644	26	0.5	11	0.025	72	50	11	10070715	64	1	4.2	0.05	1.08	0.5	11.1	0.5	0.25	0.25	127
SA5090645	19	0.5	9	0.025	50	50	6	10070716	107	1	4.6	0.05	1.48	0.5	15.8	0.5	0.25	0.25	80
SA5090646	16	0.5	7	0.025	36	50	5	10070717	76	1	3.9	0.05	1.59	0.5	16.2	0.5	0.25	0.25	135
SA5090647	16	0.5	6	0.025	34	50	6	10070718	94	1	4.5	0.05	1.44	0.5	13.6	0.5	0.25	7	186
SA5090648	42	0.5	12	0.8	49	50	29	10070719	96	1	4	0.05	1.44	0.5	11.8	0.5	0.25	2	176
SA5090649	18	0.5	12	0.025	43	50	6	10070721	88	1	3.4	0.05	1.29	0.5	11.9	0.5	0.25	1.4	101
SA5090650	12	0.5	12	0.8	35	50	7	10070722	127	1	4.9	0.05	1.53	0.5	13.8	0.5	0.25	2.1	62
SA5090651	13	0.5	15	0.8	44	50	6	10070723	45	1	3.9	0.05	2.09	0.5	19.9	0.5	0.25	3.2	29
SA5090652	33	0.5	29	1.8	66	50	16	10070724	20	1	2.3	0.05	2.40	0.5	19.5	0.5	0.25	4.5	5
SA5090653	36	0.5	17	0.7	60	50	11	10070725	13	1	2.2	0.05	1.95	0.5	18.4	0.5	0.25	0.9	16
SA5090654	18	0.5	13	1.3	58	50	5	10070726	24	1	2.5	0.05	0.76	0.5	7.7	0.5	0.25	3.3	23
SA5090655	30	0.5	22	1.7	81	50	13	10070727	9	1	1.4	0.05	1.60	0.5	14.7	0.5	0.25	0.25	5
SA5090656	22	0.5	18	1	48	50	6	10070728	25	1	1.9	0.05	1.94	0.5	19.7	0.5	0.25	2.2	25
SA5090657	45	0.5	36	1.7	67	50	17	10070729	29	1	3.1	0.05	2.28	0.5	20.3	0.5	0.25	2.5	24
SA5090658	59	0.5	21	0.025	112	50	44	10070731	24	1	1.4	0.05	1.50	0.5	15.0	0.5	0.25	0.25	11

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
SA5090659	71	0.5	31	2	95	50	34	10070732	32	1	2.6	0.05	2.03	0.5	18.7	0.5	0.25	1.7	13
SA5090660	36	0.5	15	0.9	55	50	7	10070733	34	1	2.9	0.05	0.94	0.5	9.3	0.5	0.7	1.2	48
SA5090661	25	0.5	10	0.025	46	50	5	10070734	158	1	5.1	0.05	1.04	0.5	9.9	0.5	0.25	2.6	110
SA5090662	30	0.5	13	0.6	47	50	9	10070735	99	1	4.4	0.05	1.70	0.5	15.3	0.5	0.25	1.2	164
SA5090663	19	0.5	11	0.7	53	50	10	10070736	73	1	4	0.05	1.22	0.5	11.9	0.5	0.25	1.8	152
SA5090664	39	0.5	14	1	50	50	22	10070737	80	1	2.7	0.05	0.56	0.5	7.7	0.5	0.25	1.2	90
SA5090665	82	0.5	17	1.3	131	50	34	10070738	27	1	5.3	0.05	1.38	0.5	13.8	0.5	0.25	2.9	258
SA5090666	77	0.5	13	1.5	83	50	36	10070739	8	1	2.3	0.05	0.64	0.5	6.7	0.5	0.25	2.1	45
SA5090667	49	0.5	13	1.4	74	50	34	10070741	37	1	5.8	0.05	1.67	0.5	16.6	0.5	0.25	3.3	407
SA5090668	96	0.5	20	1.9	102	50	63	10070742	44	1	4.9	0.05	1.50	0.5	13.1	0.5	0.25	2.6	279
SA5090669	73	0.5	16	0.9	143	50	30	10070743	62	1	4.2	0.05	1.41	0.5	12.9	0.5	0.25	4.4	212
SA5090670	78	0.5	18	1.1	166	50	23	10070744	68	1	4.1	0.05	1.35	0.5	12.6	0.5	0.25	3.3	213
SA5090671	70	0.5	13	1.1	41	50	8	10070745	70	1	3.8	0.05	1.52	0.5	13.6	0.5	0.25	1.6	202
SA5090672	39	0.5	14	0.6	44	50	9	10070746	82	1	4.8	0.05	1.02	0.5	10.6	0.5	0.25	2.8	179
SA5090673	52	0.5	14	1	81	50	28	10070747	72	1	4.1	0.05	1.23	0.5	11.1	0.5	0.25	3.1	243
SA5090674	20	0.5	8	0.025	39	50	4	10070748	129	1	4.1	0.05	1.09	0.5	10.2	0.5	0.25	3.4	234
SA5090675	19	0.5	12	0.025	56	50	5	10070749	102	1	3.9	0.05	0.92	0.5	10.0	0.5	0.25	2.9	47
SA5090676	20	0.5	13	1.2	50	50	7	10070751	50	1	2.3	0.05	0.95	0.5	10.5	0.5	0.25	0.25	62
SA5090677	93	0.5	25	0.025	66	50	11	10070752	52	1	1.6	0.05	1.19	0.5	11.5	0.5	0.25	0.25	44
SA5090678	37	0.5	12	0.8	55	50	10	10070753	79	1	3.1	0.05	0.54	0.5	7.3	0.5	0.25	2.1	82
SA5090679	40	0.5	20	0.9	53	50	9	10070754	44	1	2.3	0.05	1.28	0.5	11.8	0.5	0.25	0.25	34
SA5090680	25	0.5	9	0.025	49	50	16	10070755	67	1	4.9	0.05	1.80	0.5	14.3	0.5	0.25	0.25	601
SA5090681	53	1	18	1.4	104	50	40	10070756	75	1	4.4	0.05	1.27	0.5	12.2	0.5	0.25	2.1	375
SA5090682	35	0.5	5	0.025	27	50	9	10070757	43	1	5.9	0.05	1.27	0.5	10.0	0.5	0.25	1.4	305
SA5090683	86	0.5	17	1.3	147	50	41	10070758	36	1	4.8	0.05	1.40	0.5	13.3	0.5	0.25	3.4	345
SA5090684	43	0.5	11	0.7	107	50	16	10070759	31	1	6.9	0.05	1.87	0.5	13.8	0.5	0.25	2.9	554
SA5090685	56	0.5	12	0.9	102	50	33	10070761	34	1	8.6	0.05	1.98	0.5	16.0	0.5	0.25	2.9	545
SA5090686	43	0.5	16	1.3	83	50	39	10070762	68	1	4.7	0.05	1.27	0.5	12.2	0.5	0.25	1	256
SA5090687	101	0.5	20	1.8	86	360	72	10070763	114	1	5.4	0.05	1.00	0.5	9.6	0.5	0.25	1.2	640
SA5090688	31	0.5	10	0.9	100	50	15	10070764	24	1	5.6	0.05	1.43	0.5	12.6	0.5	0.25	0.6	179
SA5090689	18	0.5	4	0.025	64	50	18	10070765	15	1	11.7	0.05	2.55	0.5	19.8	0.5	0.25	1.2	876
SA5090690	71	0.5	14	1.2	94	50	37	10070766	9	1	6	0.05	1.32	0.5	13.1	0.5	0.25	1.7	58
SA5090691	71	0.5	13	1.3	126	50	32	10070767	32	1	6.5	0.05	1.91	0.5	17.3	0.5	0.25	1	233
SA5090692	70	0.5	13	1.1	117	50	36	10070768	31	1	5.8	0.05	1.83	0.5	16.8	0.5	0.25	1.4	222
SA5090693	75	0.5	18	1.7	96	50	49	10070769	35	1	5.9	0.05	1.03	0.5	10.0	0.5	0.25	2.3	164
SA5090694	80	0.5	17	1.3	133	50	39	10070771	57	1	5	0.05	1.47	0.5	16.3	0.5	0.25	1.9	211
SA5090695	-9	-9	-9	-9	-9	-9	-9	10070772	28	1	5.2	0.05	1.44	0.5	14.1	0.5	0.25	1.4	234
SA5090696	41	0.5	12	0.025	58	50	10	10070773	120	1	4.9	0.05	0.98	0.5	11.1	0.5	0.25	0.25	282
SA5090697	54	0.5	15	0.9	95	50	20	10070774	42	1	6.1	0.05	1.40	0.5	12.3	0.5	0.25	2.6	219
SA5090698	26	0.5	15	0.9	58	50	9	10070775	73	1	4.3	0.05	1.26	0.5	12.3	0.5	0.25	0.25	78
SA5090699	65	0.5	18	1.5	86	50	81	10070776	76	1	5.4	0.05	1.64	0.5	14.0	0.5	0.25	1.6	321
SA5090700	30	0.5	6	0.025	46	50	12	10070777	78	1	5.6	0.05	1.63	0.5	14.0	0.5	0.25	1.7	263
SA5090701	19	0.5	30	1.6	55	50	11	10070778	27	1	1.9	0.05	1.58	0.5	15.0	0.5	0.25	2.3	13
SA5090702	48	0.5	23	1.3	88	50	30	10070779	53	1	2.8	0.05	1.48	0.5	13.4	0.5	0.25	1.5	61
SA5090703	45	0.5	37	2.3	82	50	20	10070781	75	1	2.7	0.05	1.40	0.5	13.6	0.5	0.25	0.7	27
SA5090704	12	0.5	16	1	34	50	5	10070782	104	1	2.1	0.05	1.17	0.5	10.9	0.5	0.25	2.6	19
SA5090705	56	0.5	15	1.7	92	230	49	10070783	17	1	1.8	0.05	0.57	0.5	7.2	0.5	0.25	5	21
SA5090706	35	0.5	8	0.025	106	50	17	10070784	43	1	2.5	0.05	0.90	0.5	8.7	0.5	0.25	1.9	207
SA5090707	80	0.5	23	1.4	123	320	64	10070785	42	1	2.6	0.05	1.70	0.5	16.6	0.5	0.25	1.2	63
SA5090708	54	0.5	15	1	72	260	66	10070786	118	1	5.7	0.05	1.60	0.5	14.0	0.5	0.25	0.8	322
SA5090709	82	0.5	17	1.3	131	50	45	10070787	36	1	4.8	0.05	1.41	0.5	13.5	0.5	0.25	1.7	380
SA5090710	22	0.5	11	0.8	48	50	6	10070788	101	1	3.6	0.05	0.97	0.5	10.6	0.5	0.25	1	75
SA5090711	52	0.5	12	0.025	58	50	11	10070789	109	1	5	0.05	1.45	0.5	13.2	0.5	0.25	0.25	334
SA5090712	56	0.5	10	0.025	86	50	18	10070791	78	1	4.6	0.05	1.55	0.5	14.3	0.5	0.25	1.6	225
SA5090713	32	0.5	14	0.025	71	50	20	10070792	63	1	4.6	0.05	1.88	0.5	16.9	0.5	0.25	1.9	286
SA5090714	55	0.5	19	0.8	77	50	12	10070793	32	1	2.8	0.05	1.02	0.5	10.6	0.5	0.25	1.2	78
SA5090715	17	0.5	33	1.6	37	50	4	10070794	58	1	1.6	0.05	1.44	0.5	13.1	0.5	0.25	4	18
SA5090716	29	0.5	21	0.025	73	50	13	10070795	65	1	2.2	0.05	1.17	0.5	10.9	0.5	0.25	3.2	25
SA5090717	44	0.5	15	0.025	58	50	9	10070796	30	1	2.7	0.05	1.02	0.5	10.2	0.5	0.25	7.1	118

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
SA5090718	31	0.5	47	3	73	50	9	10070797	23	1	1.2	0.05	0.95	0.5	11.0	0.5	0.25	0.25	5
SA5090719	11	0.5	9	0.025	29	50	5	10070798	94	1	1.8	0.05	0.88	0.5	8.7	0.5	0.25	2	71
SA5090720	116	0.5	31	1.8	174	50	77	10070799	63	1	2.5	0.05	0.94	0.5	9.9	0.5	0.25	1.6	176
SA5090721	86	0.5	24	1.6	140	50	26	10070801	40	1	2.9	0.05	1.85	0.5	22.7	0.5	0.25	0.8	45
SA5090722	45	0.5	11	0.7	60	50	14	10070802	93	1	4.2	0.05	1.24	0.5	12.7	0.5	0.25	1.8	208
SA5090723	40	0.5	16	0.7	68	50	17	10070803	84	1	3.8	0.05	1.31	0.5	13.7	0.5	0.25	2.8	184
SA5090724	26	0.5	13	0.025	35	50	8	10070804	92	1	2.9	0.05	1.27	0.5	12.2	0.5	0.25	3.4	57
SA5090725	32	0.5	10	0.025	62	50	10	10070805	70	1	4.1	0.05	1.36	0.5	12.3	0.5	0.25	2.3	228
SA5090726	18	0.5	9	0.7	38	50	8	10070806	158	1	5.6	0.05	1.31	0.5	13.3	0.5	0.25	2.9	220
SA5090727	39	0.5	13	1	59	50	22	10070807	71	1	4.1	0.05	1.47	0.5	14.2	0.5	0.25	3.4	161
SA5090728	84	0.5	23	1.8	94	250	81	10070808	106	1	4.3	0.05	1.15	0.5	11.7	0.5	0.25	0.7	296
SA5090729	29	0.5	9	0.025	39	50	7	10070809	146	1	5.3	0.05	1.27	0.5	13.0	0.5	0.25	2.6	246
SA5090730	56	0.5	12	1	55	50	49	10070811	69	1	5	0.05	2.21	0.5	22.6	0.5	0.25	1.2	227
SA5090731	18	0.5	5	0.025	46	50	11	10070812	75	1	4.2	0.05	1.67	0.5	18.7	0.5	0.25	2.9	40
SA5090732	-9	-9	-9	-9	-9	-9	-9	10070813	74	1	0.8	0.05	0.15	0.5	3.4	0.5	0.25	3.7	27
SA5090733	16	0.5	12	0.025	30	50	7	10070814	101	1	3.7	0.05	1.25	0.5	11.9	0.5	0.25	1.3	71
SA5090734	27	0.5	6	0.025	47	50	12	10070815	61	1	5.7	0.05	1.33	0.5	14.1	0.5	0.25	0.25	323
SA5090735	30	0.5	12	0.8	47	50	7	10070816	59	1	5.4	0.05	1.28	0.5	13.5	0.5	0.25	4.2	134
SA5090736	59	0.5	11	0.6	90	50	32	10070817	20	1	1.8	0.05	1.53	0.5	19.4	0.5	0.25	0.25	55
SA5090737	43	0.5	11	0.9	91	50	18	10070818	74	1	5.1	0.05	1.08	0.5	13.9	0.5	0.25	3.8	51
SA5090738	21	0.5	6	0.025	49	50	11	10070819	92	1	5.5	0.05	1.10	0.5	13.5	0.5	0.25	3	135
SA5090739	-9	-9	-9	-9	-9	-9	-9	10070821	54	1	5	0.05	1.38	0.5	16.4	0.5	0.25	2.4	237
SA5090740	58	0.5	11	0.9	112	50	27	10070822	70	1	5.7	0.05	1.41	0.5	15.3	0.5	0.25	2	227
SA5090741	57	0.5	13	0.9	80	50	20	10070823	62	1	4.9	0.05	0.93	0.5	11.2	0.5	0.25	0.25	159
SA5090742	39	0.5	7	0.8	42	50	8	10070824	98	1	8.7	0.05	1.76	0.5	16.9	0.5	0.25	3.3	481
SA5090743	48	0.5	9	1.1	69	50	21	10070825	16	1	7.3	0.05	2.02	0.5	19.9	0.5	0.25	1	246
SA5090744	59	0.5	14	0.9	78	50	22	10070826	59	1	5	0.05	0.95	0.5	11.2	0.5	0.25	1	234
SA5090745	42	0.5	11	0.7	63	50	13	10070827	64	1	4.5	0.05	0.81	0.5	10.3	0.5	0.25	3.7	199
SA5090746	33	0.5	7	0.025	37	50	6	10070828	76	1	5.2	0.05	0.93	0.5	11.2	0.5	0.25	2.2	141
SA5090747	52	0.5	14	1.1	104	50	27	10070829	66	1	4.4	0.05	1.44	0.5	13.4	0.5	0.25	2.3	304
SA5090748	14	0.5	11	0.6	40	50	6	10070831	131	1	5.4	0.05	2.11	0.5	17.3	0.5	0.25	5.2	153
SA5090749	40	0.5	23	1.2	73	50	17	10070832	35	1	2.7	0.05	1.86	0.5	17.6	0.5	0.25	0.6	22
SA5090750	9	0.5	14	1	31	50	4	10070833	71	1	2.5	0.05	1.91	0.5	16.5	0.5	0.25	0.25	34
SA5090751	12	0.5	28	1.6	26	50	6	10070834	19	1	2.1	0.05	1.58	0.5	15.5	0.5	0.6	0.25	5
SA5090752	24	0.5	68	4.9	73	50	14	10070835	54	1	1.4	0.05	0.61	0.5	7.8	0.5	0.25	0.25	5
SA5090753	13	0.5	23	1.2	46	50	5	10070836	30	1	1.7	0.05	1.90	0.5	17.5	0.5	0.25	0.25	12
SA5090754	14	0.5	20	1.2	44	50	5	10070837	18	1	2.5	0.05	1.36	0.5	13.2	0.5	0.25	0.25	5
SA5090755	77	0.5	28	1.4	116	50	11	10070838	28	1	2.4	0.05	1.90	0.5	17.4	0.5	0.25	0.25	5
SA5090756	-9	-9	-9	-9	-9	-9	-9	10070839	30	1	0.9	0.05	1.94	0.5	17.4	0.5	0.25	0.25	5
SA5090757	16	0.5	10	0.9	38	50	6	10070841	22	1	2.2	0.05	2.02	0.5	18.2	0.5	0.7	0.6	5
SA5090758	6	0.5	4	0.025	38	50	2	10070842	32	1	2.5	0.05	1.78	0.5	16.6	0.5	0.25	1.9	36
SA5090759	9	0.5	5	0.025	37	50	4	10070843	44	1	2.5	0.05	1.77	0.5	16.3	0.5	0.25	2.2	56
SA5090760	13	0.5	4	0.025	55	50	2	10070844	53	1	2.7	0.05	0.90	0.5	11.2	0.5	0.25	1.4	98
SA5090761	-9	-9	-9	-9	-9	-9	-9	10070845	37	1	3.9	0.05	2.05	0.5	23.2	0.5	0.25	0.25	101
SA5090762	76	0.5	22	2	93	50	62	10070846	16	1	2.5	0.05	1.57	0.5	16.1	0.5	0.25	0.25	15
SA5090763	53	0.5	20	1.7	79	50	55	10070847	28	1	2.5	0.05	2.07	0.5	19.6	0.5	0.25	0.25	31
SA5090764	65	0.5	23	1.8	153	50	23	10070848	25	1	2.9	0.05	1.74	0.5	19.6	0.5	0.25	0.25	27
SA5090765	63	0.5	22	1.7	125	50	55	10070849	25	1	2.6	0.05	1.79	0.5	18.0	0.5	0.25	0.25	42
SA5090766	52	0.5	25	2.2	101	50	52	10070851	26	1	2.7	0.05	1.70	0.5	26.0	0.5	0.25	1.7	55
SA5090767	29	0.5	32	2.6	71	50	34	10070852	24	1	3.9	0.05	2.00	0.5	16.8	0.5	0.25	0.6	33
SA5090768	63	1	30	2.6	105	50	40	10070853	24	1	2.7	0.05	1.85	0.5	17.3	0.5	0.25	0.25	59
SA5090769	80	0.5	15	1.1	117	50	26	10070854	25	1	3.7	0.05	1.99	0.5	18.2	0.5	0.25	0.6	91
SA5090770	81	0.5	22	1.9	140	50	47	10070855	24	1	4.1	0.05	1.90	0.5	18.3	0.5	0.25	0.25	152
SA5090771	48	0.5	13	1	70	50	26	10070856	12	1	3	0.05	1.57	0.5	16.0	0.5	0.25	1.8	18
SA5090772	53	0.5	24	1.4	108	50	5	10070857	31	1	3	0.05	1.63	0.5	17.8	0.5	0.25	0.25	5
SA5090773	-9	-9	-9	-9	-9	-9	-9	10070858	43	1	3.6	0.05	1.63	0.5	15.8	0.5	0.25	4.9	108
SA5090774	47	0.5	10	0.8	79	50	7	10070859	29	1	3.4	0.05	1.26	0.5	13.9	0.5	0.25	4	93
SA5090775	38	0.5	20	1.5	96	50	18	10070861	11	1	4.1	0.05	1.50	0.5	15.6	0.5	0.25	1.1	56
SA5090776	48	0.5	10	0.7	74	50	8	10070862	16	1	4.7	0.05	1.08	0.5	11.5	0.5	0.25	1.4	115

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
SA5090777	20	0.5	31	1.9	57	50	14	10070863	11	1	3.4	0.05	2.01	0.5	20.8	0.5	0.25	0.25	12
SA5090778	71	0.5	19	1.2	104	50	65	10070864	13	1	3.8	0.05	1.53	0.5	15.3	0.5	0.25	0.25	68
SA5090779	57	0.5	18	1.4	112	50	12	10070865	27	1	4.2	0.05	1.26	0.5	13.7	0.5	0.25	1.9	35
SA5090780	28	0.5	10	0.6	45	50	10	10070866	155	1	4.9	0.05	0.75	0.5	8.9	0.5	0.25	2.1	136
SA5090781	85	0.5	20	2.1	85	50	56	10070867	62	1	4.1	0.05	0.75	0.5	9.2	0.5	0.25	0.7	113
SA5090782	30	0.5	13	1	77	50	11	10070868	102	1	4.8	0.05	0.88	0.5	9.5	0.5	0.25	1.7	218
SA5090783	24	0.5	9	0.5	49	50	10	10070869	48	1	3.7	0.05	0.57	0.5	7.4	0.5	0.25	0.25	77
SA5090784	24	0.5	6	0.025	55	50	8	10070871	55	1	3.9	0.05	0.83	0.5	10.0	0.5	0.25	0.8	191
SA5090785	39	0.5	12	0.8	70	50	13	10070872	30	1	4.6	0.05	1.21	0.5	14.7	0.5	0.25	0.25	208
SA5090786	61	0.5	14	0.7	61	50	41	10070873	77	1	7.4	0.05	1.25	0.5	12.5	0.5	0.25	0.25	460
SA5090787	13	0.5	4	0.025	31	50	3	10070874	122	1	5.9	0.05	0.94	0.5	10.6	0.5	0.25	0.25	306
SA5090788	9	0.5	6	0.025	22	50	3	10070875	68	1	4.2	0.05	0.89	0.5	10.5	0.5	0.25	0.25	111
SA5090789	21	0.5	9	0.5	52	50	10	10070876	102	1	5.2	0.05	1.14	0.5	14.4	0.5	0.25	1.3	138
SA5090790	25	0.5	12	0.8	79	50	6	10070877	31	1	4.5	0.05	1.25	0.5	14.8	0.5	0.25	0.25	50
SA5090791	14	0.5	6	0.025	63	50	5	10070878	44	1	5.5	0.05	1.21	0.5	13.3	0.5	0.25	0.7	205
SA5090792	14	0.5	6	0.025	64	50	4	10070879	37	1	5.2	0.05	1.23	0.5	13.2	0.5	0.25	1.1	142
SA5090793	19	0.5	7	0.025	43	50	14	10070881	62	1	6.4	0.05	1.48	0.5	15.2	0.5	0.25	2	248
SA5090794	22	0.5	7	0.7	42	50	8	10070882	64	1	4.6	0.05	0.74	0.5	8.9	0.5	0.25	0.25	172
SA5090795	47	0.5	14	1	74	50	27	10070883	13	1	3.3	0.05	0.92	0.5	10.3	0.5	0.25	0.25	84
SA5090796	68	-9	17	-9	113	-9	24	10070884	11	1	3.3	0.05	1.56	0.5	15.5	0.5	0.25	0.25	25
SA5090797	4	0.5	5	0.025	34	50	1	10070885	133	1	5.7	0.05	1.59	0.5	15.6	0.5	0.25	1.4	392
SA5090798	30	0.5	7	0.025	49	50	22	10070886	27	1	3.2	0.05	1.64	0.5	16.4	0.5	0.25	0.25	45
SA5090799	16	0.5	6	0.025	51	50	5	10070887	17	1	4.4	0.05	1.60	0.5	15.5	0.5	0.25	0.25	131
SA5090800	36	0.5	16	0.8	69	50	12	10070888	12	1	3	0.05	1.80	0.5	16.8	0.5	0.25	0.25	17
SA5090801	40	0.5	22	1	56	50	12	10070889	15	1	3.2	0.05	1.71	0.5	17.0	0.5	0.25	0.25	17
SA5090802	77	0.5	20	1.5	125	50	32	10070891	27	1	2.9	0.05	1.73	0.5	17.1	0.5	0.25	2	27
SA5090803	80	0.5	18	1.5	121	50	15	10070892	67	1	3.9	0.05	1.75	0.5	16.2	0.5	0.25	0.25	61
SA5090804	51	0.5	17	1	90	50	12	10070893	69	1	3.1	0.05	1.21	0.5	11.4	0.5	0.25	2.9	141
SA5090805	73	0.5	19	2.4	77	50	76	10070894	60	1	3.5	0.05	1.23	0.5	12.0	0.5	0.25	0.25	216
SA5090806	45	0.5	13	0.025	73	50	14	10070895	55	1	3.5	0.05	0.88	0.5	9.7	0.5	0.25	0.25	150
SA5090807	22	0.5	9	0.025	46	50	8	10070896	69	1	4.3	0.05	0.95	0.5	10.9	0.5	0.25	2.2	252
SA5090808	20	0.5	5	0.025	40	50	6	10070897	126	1	6	0.05	1.21	0.5	12.4	0.5	0.25	0.25	309
SA5090809	23	0.5	9	0.025	38	50	6	10070898	91	1	4.4	0.05	0.98	0.5	10.9	0.5	0.25	0.8	176
SA5090810	40	0.5	14	1.1	70	50	18	10070899	48	1	4.7	0.05	1.28	0.5	14.2	0.5	0.25	0.25	103
SA5090811	32	0.5	11	0.9	58	50	15	10070901	50	1	4.5	0.05	1.18	0.5	13.7	0.5	0.25	0.25	98
SA5090812	48	0.5	15	1.1	110	50	23	10070902	45	1	4.6	0.05	1.18	0.5	12.6	0.5	0.25	3.6	130
SA5090813	21	0.5	7	0.025	26	50	5	10070903	51	1	4.2	0.05	0.88	0.5	9.9	0.5	0.25	2.7	129
SA5090814	21	0.5	10	0.8	89	50	13	10070904	142	1	9.7	0.05	1.94	0.5	19.9	0.5	0.25	3.9	318
SA5090815	76	0.5	13	1.4	113	50	41	10070905	46	1	2.9	0.05	1.16	0.5	15.8	0.5	0.25	0.25	68
SA5090816	163	1	18	2	109	50	73	10070906	11	1	4.6	0.05	0.96	0.5	12.0	0.5	0.25	2.5	17
SA5090817	11	0.5	6	0.025	126	50	8	10070907	47	1	7.6	0.05	1.43	0.5	14.0	0.5	0.25	0.6	345
SA5090818	43	0.5	13	0.8	65	50	14	10070908	56	1	3.8	0.05	0.86	0.5	12.1	0.5	0.25	0.25	147
SA5090819	80	0.5	14	1.2	93	50	40	10070909	34	1	4.8	0.05	1.24	0.5	14.0	0.5	0.25	3.3	114
SA5090820	53	0.5	10	0.6	93	50	26	10070911	46	1	3.1	0.05	0.66	0.5	14.1	0.5	0.25	0.25	186
SA5090821	81	0.5	13	1.3	124	50	34	10070912	38	1	5	0.05	1.35	0.5	16.0	0.5	0.25	0.9	169
SA5090822	88	0.5	14	1.7	112	50	45	10070913	38	1	5.9	0.05	1.62	0.5	17.2	0.5	0.25	3.2	176
SA5090823	78	0.5	15	1.2	111	50	33	10070914	27	1	4.5	0.05	1.11	0.5	12.2	0.5	0.25	2.1	83
SA5090824	27	0.5	9	0.025	60	50	12	10070915	101	1	8.1	0.05	1.33	0.5	13.3	0.5	0.25	2.7	226
SA5090825	137	0.5	19	1.8	123	50	55	10070916	29	1	4.6	0.05	1.14	0.5	12.8	0.5	0.25	4.2	75
SA5090826	-9	-9	-9	-9	-9	-9	-9	10070917	69	1	3.9	0.05	0.45	0.5	12.9	0.5	0.25	3.2	68
SA5090827	72	0.5	16	1.4	77	50	55	10070918	38	1	5.2	0.05	1.47	0.5	15.3	0.5	0.25	2.9	79
SA5090828	67	0.5	16	1.8	79	50	40	10070919	31	1	8.4	0.05	1.76	0.5	18.5	0.5	0.25	0.25	121
SA5090829	19	0.5	9	0.6	41	50	7	10070921	65	1	3.1	0.05	0.99	0.5	12.5	0.5	0.25	2.7	97
SA5090830	55	0.5	16	1.3	105	50	26	10070922	40	1	4.5	0.05	1.02	0.5	9.8	0.5	0.25	1.6	251
SA5090831	36	0.5	14	1.6	72	50	19	10070923	43	1	7.1	0.05	1.75	0.5	15.7	0.5	0.25	1.3	106
SA5090832	23	0.5	16	1	42	50	10	10070924	65	1	3.1	0.05	0.95	0.5	10.5	0.5	0.25	0.25	69
SA5090833	21	0.5	8	0.8	54	50	14	10070925	84	1	4.7	0.05	1.56	0.5	14.3	0.5	0.25	2.6	181
SA5090834	22	0.5	10	0.025	46	50	8	10070926	122	1	4.4	0.05	1.52	0.5	12.9	0.5	0.25	5.1	253
SA5090835	100	0.5	22	2.5	106	50	86	10070927	18	1	3.3	0.05	1.09	0.5	12.3	0.5	0.25	1.1	53

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
SA5090836	57	0.5	19	1.4	79	50	19	10070928	114	1	3.4	0.05	0.85	0.5	8.7	0.5	0.25	4.2	195
SA5090837	25	0.5	19	1.3	51	50	11	10070929	43	1	4	0.05	0.98	0.5	9.9	0.5	0.25	0.25	113
SA5090838	23	0.5	7	0.6	75	50	11	10070931	38	1	2.7	0.05	0.96	0.5	9.7	0.5	0.25	1.2	209
SA5090839	19	0.5	9	0.025	41	50	7	10070932	82	1	3.3	0.05	0.97	0.5	11.9	0.5	0.25	2.5	115
SA5090840	10	0.5	4	0.025	20	50	3	10070933	149	1	6.3	0.05	1.02	0.5	12.1	0.5	0.25	1.4	235
SA5090841	20	0.5	8	0.5	37	50	8	10070934	80	1	5.8	0.05	1.27	0.5	18.2	0.5	0.25	1.6	145
SA5090842	24	0.5	13	0.8	60	50	13	10070935	63	1	5.6	0.05	1.41	0.5	17.5	0.5	0.25	0.25	115
SA5090843	7	0.5	3	0.025	24	50	3	10070936	50	1	1.6	0.05	0.31	0.5	6.7	0.5	0.25	2.4	162
SA5090844	53	0.5	15	1.3	74	50	11	10070937	32	1	4.1	0.05	0.79	0.5	12.8	0.5	0.25	1.5	79
SA5090845	111	0.5	19	1.6	108	50	58	10070938	43	1	3.3	0.05	0.41	0.5	7.1	0.5	0.25	3.4	82
SA5090846	68	0.5	15	1.1	111	50	21	10070939	24	1	3.9	0.05	1.43	0.5	16.5	0.5	0.25	6	42
SA5090847	52	0.5	15	0.7	80	50	16	10070941	17	1	3.6	0.05	1.43	0.5	15.9	0.5	0.25	0.25	34
SA5090848	44	0.5	17	1.3	100	50	26	10070942	29	1	4.1	0.05	1.01	0.5	15.9	0.5	0.25	1.6	120
SA5090849	24	0.5	7	0.5	50	50	13	10070943	46	1	4.8	0.05	1.25	0.5	13.0	0.5	0.25	0.7	242
SA5090850	14	0.5	17	1.4	38	50	5	10070944	39	1	2.8	0.05	1.01	0.5	12.7	0.5	0.25	0.9	54
SA5090851	-9	-9	-9	-9	-9	-9	-9	10070945	74	1	4.9	0.05	1.25	0.5	13.8	0.5	0.25	1.5	68
SA5090852	78	0.5	14	1.5	94	50	47	10070946	22	1	4.1	0.05	1.22	0.5	13.6	0.5	0.25	2.4	72
SA5090853	7	0.5	6	0.025	113	50	8	10070947	29	1	9.6	0.05	1.29	0.5	13.1	0.5	0.25	0.25	183
SA5090854	16	-9	9	-9	43	-9	4	10070948	11	1	5.1	0.05	1.78	0.5	16.4	0.5	0.25	1.8	337
SA5090855	16	0.5	9	0.5	44	50	4	10070949	54	1	2.8	0.05	1.20	0.5	12.5	0.5	0.25	1	25
SA5090856	31	0.5	17	1	56	50	8	10070951	15	1	3.3	0.05	1.80	0.5	17.3	0.5	0.25	1.9	19
SA5090857	16	0.5	8	0.025	45	50	4	10070952	35	1	2.4	0.05	1.30	0.5	13.4	0.5	0.25	1.8	5
SA5090858	18	0.5	17	0.025	70	50	13	10070953	39	1	1.1	0.05	0.73	0.5	9.1	0.5	0.7	0.5	5
SA5090859	68	0.5	19	1.9	84	50	84	10070954	16	1	2.5	0.05	1.39	0.5	14.0	0.5	0.25	2.4	12
SA5090860	62	0.5	18	1.1	77	50	59	10070955	20	1	2.4	0.05	1.31	0.5	13.5	0.5	0.25	0.8	5
SA5090861	22	0.5	15	0.7	64	50	8	10070956	35	1	2.5	0.05	1.88	0.5	16.9	0.5	1.1	0.7	55
SA5090862	32	0.5	21	1.4	61	50	12	10070957	14	1	2.5	0.05	1.50	0.5	16.2	0.5	0.25	0.25	12
SA5090863	15	0.5	6	0.025	36	50	3	10070958	23	1	2.2	0.05	1.83	0.5	17.5	0.5	0.25	0.5	5
SA5090864	34	0.5	8	0.025	55	50	17	10070959	20	1	3.3	0.05	2.05	0.5	18.7	0.5	0.25	0.25	84
SA5090865	17	0.5	3	0.025	41	50	5	10070961	55	1	2.5	0.05	1.43	0.5	14.9	0.5	0.6	5.9	32
SA5090866	56	-9	20	-9	108	-9	41	10070962	18	1	2.1	0.05	1.25	0.5	12.4	0.5	1.3	0.25	5
SA5090867	26	0.5	15	0.9	55	50	18	10070963	37	1	2.9	0.05	2.24	0.5	19.7	0.5	0.25	4.2	41
SA5090868	30	1	16	0.6	60	50	18	10070964	24	1	3.3	0.05	1.47	0.5	14.4	0.5	0.25	2	5
SA5090869	-9	-9	-9	-9	-9	-9	-9	10070965	41	1	4.8	0.05	1.76	0.5	15.6	0.5	0.7	4.7	11
SA5090870	-9	-9	-9	-9	-9	-9	-9	10070966	75	1	0.8	0.05	0.93	0.5	9.5	0.5	0.8	1.6	20
SA5090871	78	0.5	24	2.2	94	50	77	10070967	28	1	2.7	0.05	2.36	0.5	19.5	0.5	0.25	0.9	53
SA5090872	19	0.5	13	0.6	54	50	7	10070968	25	1	1.5	0.05	1.62	0.5	15.4	0.5	0.25	1.2	5
SA5090873	27	0.5	16	0.7	51	50	26	10070969	19	1	1.6	0.05	3.16	0.5	25.2	0.5	0.6	1	5
SA5090874	9	0.5	8	0.7	35	50	4	10070971	13	1	1.8	0.05	3.20	0.5	24.8	0.5	0.6	4.6	5
SA5090875	13	0.5	10	0.9	40	50	4	10070972	10	1	2.7	0.05	2.22	0.5	19.4	0.5	1.8	3.3	13
SA5090876	25	0.5	10	0.9	42	50	17	10070973	23	1	2.2	0.05	2.59	0.5	22.5	0.5	0.5	1.8	27
SA5090877	31	0.5	16	0.025	48	50	5	10070974	78	1	3.4	0.05	1.37	0.5	13.5	0.5	0.25	4.9	28
SA5090878	31	0.5	19	1.2	57	50	7	10070975	160	1	5.2	0.05	1.52	0.5	13.6	0.5	0.25	0.25	64
SA5090879	9	0.5	8	0.6	35	50	4	10070976	15	1	1.7	0.05	3.18	0.5	24.9	0.5	0.25	1.5	13
SA5090880	21	0.5	10	0.6	42	50	7	10070977	150	1	5.3	0.05	1.30	0.5	11.9	0.5	0.25	2	107
SA5090881	26	0.5	11	0.025	50	50	13	10070978	145	1	5.1	0.05	1.69	0.5	13.8	0.5	0.25	3.3	174
SA5090882	18	0.5	12	1	41	50	7	10070979	79	1	3.4	0.05	1.28	0.5	12.5	0.5	0.25	1.9	44
SA5090883	30	0.5	15	1	57	50	19	10070981	120	1	2.4	0.05	1.14	0.5	18.6	0.5	0.25	3	262
SA5090884	62	0.5	22	1.7	203	50	37	10070982	120	1	1.8	0.05	1.44	0.5	15.4	0.5	0.25	3	197
SA5090885	135	0.5	36	3.2	239	50	72	10070983	23	1	1.4	0.05	1.06	0.5	14.0	0.5	0.25	3.6	37
SA5090886	27	0.5	16	2.2	225	50	23	10070984	234	1	3.6	0.05	2.54	0.5	43.6	0.5	0.25	3.8	83
SA5090887	48	0.5	45	4.2	462	50	37	10070985	14	1	1.6	0.05	1.47	0.5	15.7	0.5	0.25	2.5	26
SA5090888	32	0.5	17	1	101	50	21	10070986	76	1	1.6	0.05	1.54	0.5	15.5	0.5	0.25	7.1	103
SA5090889	60	0.5	34	2.8	371	50	39	10070987	20	1	1.5	0.05	1.37	0.5	14.9	0.5	0.25	4	40
SA5090890	157	0.5	13	1.2	114	50	31	10070988	38	1	1.8	0.05	1.54	0.5	18.4	0.5	0.25	4	173
SA5090891	82	0.5	22	1.8	149	50	49	10070989	54	1	1.6	0.05	2.07	0.5	22.1	0.5	0.25	3.1	95
SA5090892	137	0.5	7	0.9	101	50	38	10070991	140	1	2.9	0.05	2.02	0.5	43.0	1	0.25	4.1	354
SA5090893	72	0.5	30	2.2	299	50	49	10070992	85	1	1.6	0.05	1.97	0.5	22.2	0.5	0.25	4.2	117
SA5090894	50	0.5	43	4.2	470	50	38	10070993	23	1	1.7	0.05	1.45	0.5	15.7	0.5	0.25	2.3	52

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
SA5090895	50	0.5	18	1.8	102	50	38	10070994	93	1	1.1	0.05	1.02	0.5	11.3	0.5	0.25	3.8	223
SA5090896	143	0.5	23	2.3	165	50	71	10070995	26	1	4.8	0.05	7.28	0.5	59.3	0.5	0.25	4.2	25
SA5090897	10	0.5	4	0.025	64	50	10	10070996	23	1	2	0.05	5.33	0.5	40.8	0.5	0.25	1.9	24
SA5090898	134	0.5	27	2.4	255	50	82	10070997	20	1	2	0.05	6.18	0.5	57.9	0.5	0.25	5	11
SA5090899	140	0.5	16	1.9	105	50	75	10070998	26	1	0.4	0.05	16.09	0.5	150.2	0.5	1.9	5.7	14
SA5090900	76	0.5	31	2.5	461	50	37	10070999	45	1	1.3	0.05	1.99	0.5	23.8	0.5	0.25	4.8	129
SA5090901	130	1	32	2.7	394	50	76	10071001	61	1	2.2	0.05	3.37	0.5	32.8	0.5	1	6	71
SA5090902	93	0.5	32	2.6	433	50	51	10071002	63	1	2.6	0.05	2.41	0.5	24.3	0.5	0.25	4.1	145
SA5090903	48	0.5	25	1.7	116	50	45	10071003	43	1	2.8	0.05	3.06	0.5	29.6	0.5	0.25	4.5	51
SA5090904	94	0.5	37	3.2	518	50	64	10071004	22	1	1.5	0.05	2.54	0.5	26.6	0.5	0.25	2.7	21
SA5090905	10	0.5	5	0.025	22	50	8	10071005	75	1	0.6	0.05	0.26	0.5	5.2	0.5	0.7	1.5	127
SA5090906	109	0.5	24	2.6	292	50	74	10071006	43	1	2.3	0.05	2.71	0.5	25.6	0.5	0.25	4.8	33
SA5090907	11	0.5	19	1	189	50	11	10071007	94	1	3.1	0.05	2.40	0.5	27.3	0.5	0.25	3.7	315
SA5090908	108	0.5	31	2.6	374	50	59	10071008	37	1	1.4	0.05	2.72	0.5	26.3	0.5	1.8	3	38
SA5090909	68	0.5	27	1.8	168	50	69	10071009	22	1	1.7	0.05	2.31	0.5	21.7	0.5	0.25	1.7	18
SA5090910	15	0.5	12	1.2	118	50	19	10071011	54	1	1.5	0.05	2.21	0.5	20.3	0.5	0.25	1.3	112
SA5090911	-9	-9	-9	-9	-9	-9	-9	10071012	42	1	1.3	0.05	2.68	0.5	20.6	0.5	0.25	1.8	164
SA5090912	60	0.5	18	1.3	154	50	55	10071013	68	1	1.4	0.05	1.18	0.5	11.9	0.5	0.25	5.8	95
SA5090913	53	0.5	15	1.4	147	50	46	10071014	95	1	1.2	0.05	1.05	0.5	11.8	0.5	0.25	3	298
SA5090914	62	0.5	35	2.8	200	50	66	10071015	47	1	2.9	0.05	2.95	0.5	25.9	0.5	0.25	1.1	117
SA5090915	106	0.5	33	2.7	250	50	78	10071016	29	1	1.1	0.05	2.25	0.5	11.6	0.5	0.25	4	74
SA5090916	45	0.5	18	1.6	137	50	37	10071017	35	1	1.8	0.05	1.20	0.5	26.4	0.5	0.6	3	97
SA5090917	126	0.5	23	2.6	238	50	59	10071018	27	1	1.4	0.05	2.50	0.5	11.8	0.5	0.25	1.6	16
SA5090918	49	0.5	13	0.9	113	50	34	10071019	67	1	2	0.05	1.18	0.5	22.2	0.5	0.25	3.6	61
SA5090919	98	0.5	21	1.8	276	50	62	10071021	89	1	2.1	0.05	1.95	0.5	17.2	0.5	0.25	5.2	173
SA5090920	70	0.5	15	1.3	127	50	46	10071022	66	1	1.7	0.05	1.13	0.5	12.2	0.5	1	4.9	63
SA5090921	71	0.5	15	1.5	128	50	38	10071023	21	1	2.9	0.05	2.95	0.5	31.7	0.5	0.25	3.4	136
SA5090922	126	0.5	25	2.6	177	50	74	10071024	121	1	2.3	0.05	1.63	0.5	17.6	0.5	0.25	3.6	384
SA5090923	106	0.5	24	2	226	50	80	10071025	11	1	0.8	0.05	2.54	0.5	25.1	0.5	0.25	3.1	29
SA5090924	-9	-9	-9	-9	-9	-9	-9	10071026	38	1	1.2	0.05	2.75	0.5	26.4	0.5	0.25	2.8	43
SA5090925	103	0.5	40	3.3	784	50	66	10071027	21	1	1.6	0.05	2.51	0.5	25.3	0.5	0.6	3	26
SA5090926	73	0.5	36	2.6	226	50	56	10071028	14	1	0.9	0.05	1.96	0.5	22.8	0.5	0.25	1.7	34
SA5090927	98	0.5	64	4.6	506	50	88	10071029	21	1	0.9	0.05	2.59	0.5	24.9	0.5	0.25	2.3	30
SA5090928	63	0.5	24	1.8	172	50	43	10071031	75	1	1.2	0.05	1.26	0.5	13.5	0.5	0.25	4.3	113
SA5090929	81	0.5	18	1	228	50	41	10071032	69	1	1.4	0.05	0.97	0.5	12.9	0.5	0.25	3.6	247
SA5090930	17	0.5	16	1.8	504	50	31	10071033	169	1	3.7	0.05	1.46	0.5	34.2	0.5	0.25	2.4	105
SA5090931	32	0.5	17	1.6	97	50	20	10071034	89	1	1.1	0.05	1.19	0.5	34.2	0.5	0.25	5.5	59
SA5090932	37	0.5	14	1	162	50	32	10071035	32	1	1.6	0.05	3.76	0.5	35.5	0.5	0.25	5.2	132
SA5090933	101	0.5	25	2.2	292	50	67	10071036	26	1	1.7	0.05	2.42	0.5	24.1	0.5	0.25	4.7	46
SA5090934	81	0.5	49	3.3	187	50	69	10071037	62	1	3	0.05	3.54	0.5	30.1	0.5	0.25	2.8	32
SA5090935	10	0.5	9	0.025	69	50	13	10071038	108	1	2.4	0.05	2.48	0.5	19.5	0.5	0.25	4.1	75
SA5090936	168	0.5	22	2.5	195	50	94	10071039	24	1	1.4	0.05	2.52	0.5	27.5	0.5	0.25	6	16
SA5090937	26	0.5	18	1.3	140	50	30	10071041	38	1	3.1	0.05	2.58	0.5	26.5	0.5	0.6	3.4	137
SA5090938	4	0.5	4	0.025	24	50	5	10071042	74	1	1.2	0.05	0.28	0.5	7.3	0.5	0.25	3.5	281
SA5090939	156	1	20	2.3	146	50	86	10071043	24	1	0.9	0.05	2.53	0.5	25.9	0.5	0.25	3	34
SA5090940	164	0.5	27	3	339	50	89	10071044	21	1	1.5	0.05	2.50	0.5	25.3	0.5	0.25	3.5	16
SA5090941	55	0.5	12	0.9	88	50	36	10071045	30	1	2.4	0.05	5.74	0.5	45.7	0.5	0.7	1.9	61
SA5090942	102	0.5	18	1.6	171	50	62	10071046	55	1	2.1	0.05	1.37	0.5	16.7	0.5	0.25	4.5	112
SA5090943	52	0.5	13	0.9	93	50	40	10071047	72	1	1.9	0.05	1.33	0.5	15.3	0.5	0.25	4.6	109
SA5090944	37	0.5	12	0.7	96	50	31	10071048	54	1	1.9	0.05	1.28	0.5	14.9	0.5	0.25	1.5	130
SA5090945	93	0.5	20	2.2	218	50	54	10071049	57	1	2	0.05	1.85	0.5	19.2	0.5	0.25	1.8	135
SA5090946	68	0.5	20	1.5	188	50	53	10071051	37	1	1.8	0.05	2.30	0.5	22.3	0.5	0.25	4.7	58
SA5090947	41	0.5	13	0.8	94	50	37	10071052	69	1	1.7	0.05	4.24	0.5	32.0	0.5	0.25	3.3	177
SA5090948	36	0.5	15	1.1	128	50	45	10071053	70	1	1.4	0.05	3.73	0.5	31.3	0.5	0.8	3	35
SA5090949	42	0.5	14	1.2	87	50	33	10071054	48	1	4.1	0.05	3.88	0.5	38.7	0.5	0.25	3.2	138
SA5090950	-9	-9	-9	-9	-9	-9	-9	10071055	51	1	3.3	0.05	4.38	0.5	34.9	0.5	0.8	1.2	32
SA5090951	137	0.5	25	2.1	231	50	84	10071056	26	1	1.5	0.05	2.92	0.5	28.0	0.5	0.7	5	38
SA5090952	23	0.5	11	0.6	54	50	30	10071057	74	1	2.2	0.05	3.68	0.5	32.5	0.5	0.25	3.7	190
SA5090953	70	0.5	23	2.1	157	50	61	10071058	29	1	1.9	0.05	3.14	0.5	27.7	0.5	0.25	4.4	161
SA5090954	70	0.5	18	1.2	78	50	63	10071059	107	1	1	0.05	0.44	0.5	7.0	0.5	0.25	3.6	272

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
SA5090955	8	0.5	6	0.025	21	50	9	10071061	49	1	0.5	0.05	0.23	0.5	4.9	0.5	0.25	1.3	146
SA5090956	119	1	22	2.4	155	50	86	10071062	26	1	1.6	0.05	2.86	0.5	26.9	0.5	0.25	2	45
SA5090957	131	1	19	1.9	110	50	98	10071063	72	1	1.7	0.05	0.54	0.5	7.9	0.5	0.25	3.2	147
SA5090958	91	0.5	15	1.8	109	50	70	10071064	43	1	1.6	0.05	2.70	0.5	25.7	0.5	0.25	4.6	89
SA5090959	83	0.5	21	2	151	50	68	10071065	38	1	2	0.05	3.10	0.5	28.4	0.5	0.25	5	192
SA5090960	35	0.5	11	1	76	50	34	10071066	122	1	2.3	0.05	3.05	0.5	24.5	0.5	0.25	3.7	425
SA5090961	80	0.5	16	1.3	154	50	68	10071067	25	1	2.5	0.05	2.06	0.5	16.2	0.5	0.25	2.5	170
SA5090962	12	0.5	12	0.9	163	50	19	10071068	65	1	1	0.05	1.97	0.5	17.0	0.5	0.25	3.5	222
SA5090963	79	0.5	15	1.6	117	50	63	10071069	30	1	2.6	0.05	1.91	0.5	15.4	0.5	0.25	4	131
SA5090964	10	0.5	2	0.025	28	50	12	10071071	22	1	0.7	0.05	0.40	0.5	6.3	0.5	0.25	0.25	329
SA5090965	36	-9	7	-9	151	-9	31	10071072	60	1	1.5	0.05	0.33	0.5	6.7	0.5	0.25	1	176
SA5090966	106	0.5	14	0.8	82	50	66	10071073	18	1	6.8	0.05	3.16	0.5	27.1	0.5	0.25	1.4	654
SA5090967	11	0.5	4	0.8	32	50	13	10071074	23	1	5	0.05	3.05	0.5	24.6	0.5	0.25	2.3	1583
SA5090968	68	0.5	14	1.3	110	50	51	10071075	18	1	3.2	0.05	0.91	0.5	11.5	0.5	0.25	0.25	87
SA5090969	106	0.5	13	1.7	84	50	75	10071076	12	1	2.1	0.05	1.20	0.5	12.3	0.5	0.25	0.25	48
SA5090970	12	0.5	4	0.025	33	50	10	10071077	82	1	3.7	0.05	0.66	0.5	8.0	0.5	0.25	1.1	626
SA5090971	73	0.5	15	1.8	120	50	70	10071078	20	1	1.3	0.05	1.56	0.5	15.3	0.5	0.25	1.6	217
SA5090972	96	0.5	16	1.9	119	50	89	10071079	36	1	1.4	0.05	2.03	0.5	19.3	0.5	0.25	0.8	161
SA5090973	78	0.5	15	1.6	115	50	64	10071081	25	1	2.6	0.05	1.30	0.5	14.1	0.5	0.6	3.1	107
SA5090974	-9	-9	-9	-9	-9	-9	-9	10071082	38	1	2.3	0.05	2.15	0.5	20.5	0.5	0.25	2.2	118
SA5090975	2	0.5	42	2.4	51	50	20	10071083	41	1	1.2	0.05	3.44	0.5	24.8	0.5	0.25	3.4	96
SA5090976	4	0.5	14	0.8	128	50	24	10071084	45	1	1	0.05	1.88	0.5	14.7	0.5	0.25	2.7	54
SA5090977	38	0.5	15	0.9	95	50	34	10071085	13	1	1.1	0.05	8.95	0.5	93.0	0.5	0.25	1.1	14
SA5090978	34	0.5	20	1.6	190	50	47	10071086	12	1	1.1	0.05	4.30	0.5	41.5	0.5	1.2	5.1	41
SA5090979	126	0.5	20	2.3	200	50	96	10071087	18	1	1.4	0.05	2.55	0.5	28.0	0.5	0.8	2.7	42
SA5090980	78	0.5	15	1.6	114	50	64	10071088	29	1	2.4	0.05	1.33	0.5	13.5	0.5	0.25	0.9	112
SA5090981	62	0.5	25	2.2	212	50	58	10071089	16	1	0.9	0.05	3.04	0.5	34.0	0.5	0.25	1.1	74
SA5090982	61	0.5	12	0.9	74	50	45	10071091	24	1	1.1	0.05	6.11	0.5	50.0	0.5	1.7	0.25	19
SA5090983	167	1	19	2.7	127	50	120	10071092	16	1	1.8	0.05	3.09	0.5	29.2	0.5	0.9	1.5	70
SA5090984	13	0.5	2	0.025	58	50	6	10071093	1	1	0.9	0.05	2.54	0.5	30.3	0.5	0.25	2.8	71
SA5090985	51	0.5	18	1.1	160	50	67	10071094	87	1	1.9	0.05	3.35	0.5	23.6	0.5	0.25	6.4	287
SA5090986	91	0.5	20	1.8	137	50	88	10071095	30	1	4.1	0.05	4.20	0.5	42.4	0.5	1.2	2.7	36
SA5090987	134	2	18	1.9	131	170	111	10071096	29	1	1.3	0.05	1.00	0.5	10.9	0.5	0.25	2.5	364
SA5090988	87	0.5	23	2	141	50	87	10071097	33	1	2.6	0.05	3.40	0.5	30.3	0.5	0.25	3.2	124
SA5090989	150	1	18	2.3	117	50	127	10071098	12	1	0.9	0.05	8.40	0.5	76.8	0.5	1.7	4.8	34
SA5090990	-9	-9	-9	-9	-9	-9	-9	10071099	63	1	1.4	0.05	1.92	0.5	18.2	0.5	0.25	7.3	270
SA5090991	66	0.5	18	1.6	231	50	65	10071101	29	1	1.7	0.2	2.28	0.5	21.4	0.5	0.25	2.1	324
SA5090992	44	0.5	21	2.1	316	50	53	10071102	86	1	1.2	0.05	0.71	0.5	9.1	0.5	0.25	4.2	232
SA5090993	42	0.5	24	2	264	50	69	10071103	42	1	1.2	0.05	2.74	0.5	31.1	0.5	0.25	5.5	27
SA5090994	33	0.5	31	1.8	394	50	48	10071104	35	1	1.8	0.05	2.28	0.5	18.3	0.5	0.25	4.9	349
SA5090995	15	0.5	23	1.7	287	50	27	10071105	44	1	1.5	0.05	1.32	0.5	11.8	0.5	0.25	6.2	110
SA5090996	24	0.5	7	0.025	33	50	19	10071106	30	1	1.9	0.05	0.53	0.5	6.5	0.5	0.25	2.9	238
SA5090997	39	0.5	13	0.9	171	50	34	10071107	22	1	5.3	0.05	1.45	0.5	15.2	0.5	0.25	2.4	651
SA5090998	12	0.5	7	0.5	26	50	10	10071108	104	1	1.1	0.05	0.27	0.5	6.6	0.5	0.25	2.3	216
SA5090999	0.5	0.5	3	0.025	34	50	0.5	10071109	35	1	3.7	0.05	0.61	0.5	7.9	0.5	0.25	3.4	215
SA5091000	50	0.5	13	1.1	69	50	52	10071111	15	1	1.7	0.05	8.23	0.5	78.8	0.5	0.9	3.5	34
SA5091001	92	0.5	14	1.7	89	50	78	10071112	14	1	5.7	0.05	4.96	0.5	32.3	0.5	0.25	1	325
SA5091002	9	-9	4	-9	94	-9	12	10071113	24	1	2.1	0.05	2.56	0.5	15.0	0.5	0.25	1.6	208
SA5091003	12	0.5	6	0.025	51	50	20	10071114	62	1	5.4	0.05	9.31	0.5	56.4	0.5	0.25	2.2	64
SA5091004	22	0.5	9	0.7	83	50	29	10071115	-9	1	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091005	95	0.5	17	1.8	162	50	96	10071116	21	1	2.2	0.05	2.29	0.5	20.1	0.5	0.25	3.5	185
SA5091006	95	0.5	16	2	106	50	88	10071117	19	1	2	0.05	2.05	0.5	19.2	0.5	0.25	2.9	79
SA5091007	37	0.5	12	0.6	104	50	32	10071118	25	1	3.2	0.05	2.17	0.5	16.7	0.5	0.6	1	18
SA5091008	3	0.5	1	0.025	16	50	0.5	10071119	21	1	3.4	0.05	0.20	0.5	6.3	0.5	0.25	1.1	186
SA5091009	93	0.5	15	1.9	95	50	90	10071121	17	1	1.7	0.05	2.56	0.5	25.7	0.5	0.25	2.1	47
SA5091010	40	0.5	16	1.2	84	50	52	10071122	136	1	2.8	0.05	16.97	0.5	139.9	0.5	0.25	1.8	110
SA5091011	16	0.5	70	3	141	50	43	10071123	131	1	1.1	0.05	4.31	0.5	44.8	0.5	0.25	1	10
SA5091012	36	0.5	16	0.9	209	50	36	10071124	62	1	1.4	0.05	2.54	0.5	24.4	0.5	0.25	1.9	96
SA5091013	138	0.5	17	2.2	111	50	127	10071125	48	1	1	0.05	0.49	0.5	7.6	0.5	0.6	1.5	127

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
SA5091014	-9	-9	-9	-9	-9	-9	-9	10071126	28	1	0.7	0.05	4.26	0.5	45.5	0.5	0.25	2.7	5
SA5091015	108	0.5	34	2.5	201	50	87	10071127	71	1	1.3	0.05	2.55	0.5	36.9	0.5	0.25	1.8	5
SA5091016	8	0.5	19	1.4	102	50	14	10071128	38	1	0.6	0.05	1.53	0.5	18.1	0.5	0.25	2.3	62
SA5091017	118	0.5	18	2	196	50	100	10071129	25	1	1.3	0.05	1.39	0.5	13.8	0.5	0.25	1	83
SA5091018	8	0.5	10	0.025	134	50	13	10071131	46	1	1.4	0.05	1.69	0.5	17.0	0.5	0.5	5.5	61
SA5091019	6	0.5	13	1.1	335	50	9	10071132	67	1	1.1	0.05	3.11	0.5	45.0	0.5	0.25	3.1	45
SA5091020	25	0.5	20	1.4	91	50	49	10071133	114	1	2.4	0.05	16.72	0.5	138.1	0.5	0.25	4	51
SA5091021	60	0.5	26	2.5	624	50	68	10071134	90	1	1.2	0.05	0.71	0.5	9.3	0.5	0.25	5	363
SA5091022	-9	-9	-9	-9	-9	-9	-9	10071135	28	1	1	0.05	1.96	0.5	19.8	0.5	0.25	2.3	194
SA5091023	24	0.5	15	0.8	137	50	34	10071136	63	1	1.6	0.05	2.47	0.5	25.4	0.5	0.25	3.6	750
SA5091024	84	0.5	22	2.1	266	50	88	10071137	48	1	1.2	0.05	3.57	0.5	33.5	0.5	0.25	4.7	353
SA5091025	1	0.5	6	0.025	63	50	10	10071138	42	1	0.5	0.05	1.30	0.5	16.4	0.5	0.25	3.1	60
SA5091026	57	0.5	24	1.8	206	50	48	10071139	37	1	0.9	0.05	1.69	0.5	19.8	0.5	0.25	4.1	20
SA5091027	45	0.5	26	1	108	50	63	10071141	29	1	1.2	0.05	3.20	0.5	40.0	0.5	1	4.4	17
SA5091028	9	0.5	5	0.5	18	50	4	10071142	16	1	5.4	0.05	0.27	0.5	4.5	0.5	0.25	3.7	115
SA5091029	50	0.5	16	1.5	111	50	58	10071143	-9	1	-9	-9	1.76	-9	-9	-9	-9	-9	1466
SA5091030	74	0.5	10	0.6	66	50	73	10071144	13	1	0.9	0.05	0.28	0.5	4.8	0.5	0.25	1.6	129
SA5091031	1	0.5	4	0.025	24	50	0.5	10071145	41	1	2.6	0.05	0.79	0.5	11.0	0.5	0.25	1.4	125
SA5091032	48	0.5	16	1.4	103	50	53	10071146	53	1	3.8	0.05	2.47	0.5	22.4	0.5	0.25	0.25	43
SA5091033	57	0.5	18	1.5	127	50	59	10071147	51	1	4.4	0.05	2.54	0.5	23.8	0.5	0.25	1.7	105
SA5091034	55	0.5	15	1	114	50	64	10071148	59	1	5	0.05	6.08	0.5	39.9	0.5	0.25	3.5	261
SA5091035	127	1	16	1.9	110	50	117	10071149	44	1	2	0.05	2.33	0.5	22.0	0.5	1.4	4.2	47
SA5091036	2	0.5	1	0.025	24	50	0.5	10071151	13	1	1.8	0.05	3.13	0.5	23.1	0.5	0.25	3	235
SA5091037	124	0.5	16	1.2	123	50	104	10071152	162	1	4.6	0.05	1.59	0.5	13.3	0.5	0.25	4.5	304
SA5091038	21	0.5	18	1.6	101	50	27	10071153	43	1	4.6	0.05	2.18	0.5	21.6	0.5	0.25	2.7	444
SA5091039	21	0.5	29	1.5	78	50	32	10071154	59	1	4.2	0.05	2.06	0.5	22.0	0.5	0.25	2.8	93
SA5091040	28	0.5	14	0.9	132	50	35	10071155	50	1	1.6	0.05	2.42	0.5	25.1	0.5	0.25	3.2	520
SA5091041	73	0.5	21	1.6	151	50	82	10071156	49	1	3.5	0.05	2.51	0.5	27.6	0.5	0.25	3.9	116
SA5091042	-9	-9	-9	-9	-9	-9	-9	10071157	16	1	2.5	0.05	3.01	0.5	30.8	0.5	0.25	2.5	27
SA5091043	130	1	18	1.8	106	50	123	10071158	14	1	2.7	0.05	3.03	0.5	32.1	0.5	0.6	5.7	22
SA5091044	92	0.5	24	2.2	172	50	111	10071159	20	1	2.8	0.05	2.97	0.5	30.9	0.5	0.25	3.4	20
SA5091045	7	0.5	10	0.7	56	50	10	10071161	49	1	1.6	0.05	3.74	0.5	38.9	0.5	0.7	4.2	67
SA5091046	-9	-9	-9	-9	-9	-9	-9	10071162	6	1	2.7	0.05	3.00	0.5	29.3	0.5	0.7	2.7	14
SA5091047	-9	-9	-9	-9	-9	-9	-9	10071163	10	1	2.6	0.05	3.01	0.5	29.7	0.5	0.6	3.1	18
SA5091048	23	0.5	10	0.025	68	50	25	10071164	6	1	0.9	0.05	2.21	0.5	20.1	0.5	0.25	3.9	14
SA5091049	7	0.5	8	0.025	49	50	9	10071165	91	1	2.4	0.05	3.86	0.5	31.4	0.5	0.25	5.8	168
SA5091050	2	0.5	8	0.025	39	50	5	10071166	23	1	1.6	0.05	5.88	0.5	48.5	0.5	0.25	5.8	53
SA5091051	48	0.5	18	1.5	141	50	56	10071167	47	1	1	0.05	2.68	0.5	26.9	0.5	0.25	4.7	212
SA5091052	45	0.5	16	1.5	128	50	53	10071168	21	1	1	0.05	1.61	0.5	18.8	0.5	0.25	4.2	55
SA5091053	34	0.5	10	0.8	75	50	39	10071169	23	1	2.3	0.05	3.76	0.5	36.5	0.5	0.25	2.4	1469
SA5091054	43	0.5	17	1.6	148	50	54	10071171	38	1	1	0.05	2.79	0.5	32.3	0.5	0.25	2.9	177
SA5091055	32	0.5	15	1.1	151	50	48	10071172	35	1	0.6	0.05	2.75	0.5	32.2	0.5	0.9	3.7	39
SA5091056	5	0.5	2	0.025	31	50	3	10071173	39	1	0.3	0.05	0.11	0.5	5.0	0.5	0.9	48.1	43
SA5091057	6	0.5	3	0.025	430	50	10	10071174	69	1	1.3	0.05	2.67	0.5	44.1	0.5	0.25	1	1308
SA5091058	81	0.5	27	1.5	228	50	100	10071175	7	1	2.3	0.05	3.10	0.5	31.9	0.5	0.25	1	23
SA5091059	6	0.5	29	1.3	49	50	17	10071176	15	1	0.7	0.05	1.99	0.5	24.4	0.5	1	2.5	63
SA5091060	100	0.5	14	1.8	128	50	111	10071177	43	1	3.2	0.05	3.05	0.5	30.3	0.5	0.25	3.5	35
SA5091061	40	0.5	18	1	106	50	54	10071178	58	1	9.9	0.05	3.75	0.5	42.4	0.5	1.3	7.5	34
SA5091062	89	0.5	18	1.8	110	50	102	10071179	11	1	2.9	0.05	2.91	0.5	30.3	0.5	0.25	4	16
SA5091063	59	0.5	16	1.1	123	50	76	10071181	15	1	0.8	0.05	3.95	0.5	38.9	0.5	0.25	4.3	49
SA5091064	61	0.5	17	1.4	101	50	78	10071182	8	1	1.1	0.05	3.60	0.5	36.2	0.5	0.8	3.3	36
SA5091065	87	0.5	14	1.5	100	50	83	10071183	8	1	0.9	0.05	3.57	0.5	37.2	0.5	0.25	2.6	23
SA5091066	77	0.5	34	2.7	342	50	98	10071184	37	1	3.2	0.05	0.86	0.5	10.9	0.5	0.5	1.8	27
SA5091067	46	0.5	23	2	166	50	48	10071185	85	1	2.3	0.05	0.85	0.5	9.9	0.5	0.25	2.9	123
SA5091068	120	0.5	21	2.4	125	50	132	10071186	14	1	5.3	0.05	2.17	0.5	19.9	0.5	0.25	1.8	18
SA5091069	54	0.5	23	1.8	139	50	72	10071187	31	1	14.1	0.05	2.83	0.5	30.8	0.5	0.25	1.9	54

Appendix 1 - Open File 023I/0101

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
SA5090001	24	0.09	0.7	0.62	11	0.5	1.08	3	0.5	6.78	2.5	0.2	1.7	16	0.2	0.01	0.1	0.2	15
SA5090002	9	0.09	0.4	0.41	2.7	0.5	0.59	3	0.5	6.47	2.5	0.13	0.6	7.9	0.2	0.005	0.1	0.05	2
SA5090003	-9	0.14	0.4	0.5	4	0.5	0.61	0.5	0.5	-9	2.5	0.17	0.87	9.8	0.3	0.005	0.1	0.05	2
SA5090004	7	0.18	0.4	0.47	1.6	0.5	0.56	0.5	0.5	6.65	2.5	0.14	0.58	9.9	0.05	0.005	0.1	0.05	1
SA5090005	54	0.07	0.6	0.57	7.6	0.5	0.77	0.5	0.5	6.78	2.5	0.18	1.59	12.9	0.05	0.005	0.1	0.2	0.5
SA5090006	39	0.15	0.6	0.64	5.5	0.5	0.62	0.5	0.5	6.78	2.5	0.21	0.95	11.1	0.2	0.005	0.1	0.05	0.5
SA5090007	48	0.07	0.3	0.6	3.3	0.5	0.61	0.5	0.5	6.5	2.5	0.26	0.86	10.5	0.4	0.005	0.1	0.05	0.5
SA5090008	46	0.17	0.4	0.52	1.6	0.5	0.58	0.5	0.5	6.69	2.5	0.16	0.83	9.7	0.05	0.005	0.1	0.05	0.5
SA5090009	41	0.16	0.5	0.49	5.4	0.5	0.46	0.5	0.5	6.75	2.5	0.15	0.43	11.3	0.05	0.005	0.1	0.05	0.5
SA5090010	37	0.15	0.7	0.86	1.8	0.5	0.72	0.5	0.5	6.93	2.5	0.31	1.74	14.2	0.05	0.01	0.1	0.3	0.5
SA5090011	40	0.15	0.5	0.61	2.1	0.5	0.68	0.5	0.5	6.67	2.5	0.18	0.8	11	0.2	0.005	0.1	0.05	0.5
SA5090012	39	0.11	0.8	0.43	4.7	0.5	0.48	0.5	0.5	6.39	5	0.14	0.3	8.4	0.2	0.005	0.1	0.2	0.5
SA5090013	33	0.14	0.4	0.49	2.2	0.5	0.44	0.5	0.5	6.38	2.5	0.14	0.13	7.8	0.1	0.005	0.1	0.2	0.5
SA5090014	36	0.11	0.8	0.63	7.1	0.5	0.47	0.5	0.5	6.36	2.5	0.13	0.65	10.2	0.2	0.005	0.1	0.05	2
SA5090015	42	0.14	0.4	0.46	5.8	0.5	0.54	0.5	0.5	6.41	2.5	0.14	0.64	8.6	0.1	0.005	0.1	0.2	2
SA5090016	32	0.14	0.5	0.54	4.9	0.5	0.68	0.5	0.5	6.43	2.5	0.21	1.96	11.8	0.2	0.005	0.1	0.1	0.5
SA5090017	40	0.15	0.3	0.76	4.1	0.5	0.85	0.5	0.5	6.51	2.5	0.22	1.57	15.3	0.05	0.005	0.1	0.05	3
SA5090018	42	0.1	0.5	0.51	7.8	0.5	0.79	0.5	0.5	6.34	2.5	0.16	1.72	14.3	0.1	0.005	0.1	0.05	0.5
SA5090019	21	0.09	0.8	0.71	13.1	0.5	0.84	0.5	0.5	6.66	6	0.19	1.59	20.6	0.1	0.005	0.1	0.05	1
SA5090020	26	0.06	0.5	0.7	12.8	0.5	0.76	0.5	0.5	6.63	2.5	0.17	1.6	16.7	0.05	0.01	0.1	0.05	0.5
SA5090021	27	0.09	0.3	0.76	7.3	0.5	0.85	1	0.5	6.69	6	0.24	1.14	21.5	0.05	0.005	0.1	0.05	3
SA5090022	25	0.07	0.4	0.59	1.6	0.5	0.56	0.5	0.5	6.5	2.5	0.1	0.41	12.2	0.05	0.005	0.1	0.05	0.5
SA5090023	19	0.1	0.05	0.65	18.6	0.5	0.68	0.5	0.5	6.65	6	0.12	0.75	14.8	0.05	0.005	0.1	0.05	0.5
SA5090024	15	0.2	0.6	0.95	2.6	0.5	0.73	1	0.5	6.81	2.5	0.28	1.24	14	0.1	0.005	0.1	0.05	3
SA5090025	36	0.18	0.3	0.73	1.4	0.5	0.7	0.5	0.5	6.76	2.5	0.2	0.96	13.8	0.05	0.005	0.1	0.05	0.5
SA5090026	18	0.12	0.4	0.5	2.4	0.5	0.68	0.5	0.5	6.71	6	0.22	0.63	10.9	0.1	0.01	0.1	0.05	0.5
SA5090027	43	0.15	0.4	0.73	1.7	0.5	0.67	0.5	0.5	6.83	2.5	0.2	0.99	14	0.2	0.005	0.1	0.05	0.5
SA5090028	19	0.12	0.5	0.49	4.6	0.5	0.67	0.5	0.5	6.69	2.5	0.16	1.23	11.3	0.05	0.005	0.1	0.05	0.5
SA5090029	11	0.19	0.4	0.55	4	0.5	0.59	0.5	0.5	6.55	2.5	0.17	1.18	9.7	0.1	0.005	0.1	0.05	0.5
SA5090030	16	0.17	0.3	0.48	2.5	0.5	0.59	0.5	0.5	6.55	2.5	0.14	0.33	10	0.05	0.005	0.1	0.05	0.5
SA5090031	15	0.16	0.5	0.64	2	0.5	0.69	0.5	0.5	6.6	2.5	0.22	1.21	11.1	0.05	0.005	0.1	0.05	0.5
SA5090032	22	0.15	0.5	0.77	5.3	0.5	0.81	0.5	0.5	6.63	2.5	0.26	1.56	14.4	0.2	0.005	0.1	0.05	4
SA5090033	21	0.15	0.6	0.56	5.6	0.5	0.67	0.5	0.5	6.65	2.5	0.2	0.67	10.4	0.2	0.005	0.1	0.05	0.5
SA5090034	19	0.16	0.5	0.43	8.7	0.5	0.43	0.5	0.5	6.48	2.5	0.13	0.31	8.3	0.05	0.005	0.1	0.05	1
SA5090035	14	0.14	0.4	0.44	11.2	0.5	0.41	0.5	0.5	6.45	2.5	0.13	0.3	8.3	0.05	0.005	0.1	0.2	2
SA5090036	28	0.07	0.6	0.76	11.7	0.5	0.71	0.5	0.5	6.79	2.5	0.16	1.45	17.4	0.05	0.005	0.1	0.2	0.5
SA5090037	30	0.11	0.6	0.56	4	0.5	0.62	0.5	0.5	6.81	2.5	0.19	1.13	10.7	0.2	0.005	0.1	0.2	0.5
SA5090038	30	0.09	0.7	0.54	4.4	0.5	0.61	0.5	0.5	6.78	5	0.15	0.29	11.1	0.05	0.01	0.1	0.05	0.5
SA5090039	24	0.13	0.5	0.56	2.6	0.5	0.65	0.5	0.5	6.82	2.5	0.2	0.83	10.3	0.05	0.005	0.1	0.05	0.5
SA5090040	25	0.13	0.7	0.6	12.6	0.5	0.65	0.5	0.5	6.84	9	0.19	0.99	12.6	0.2	0.005	0.1	0.05	0.5
SA5090041	12	0.07	0.7	0.66	12.4	0.5	0.48	0.5	0.5	6.83	6	0.11	0.65	13.1	0.3	0.005	0.1	0.05	0.5
SA5090042	36	0.08	0.4	0.92	14.8	0.5	0.82	0.5	0.5	7.02	6	0.18	1.95	19.5	0.2	0.01	0.1	0.05	0.5
SA5090043	19	0.09	0.3	0.8	19.9	0.5	0.56	0.5	0.5	6.85	2.5	0.15	1.21	18.2	0.05	0.005	0.1	0.05	0.5
SA5090044	26	0.12	0.6	0.69	2.3	0.5	0.69	0.5	0.5	6.85	2.5	0.17	1.32	15	0.05	0.005	0.1	0.05	0.5
SA5090045	23	0.14	0.3	0.68	2.2	0.5	0.6	0.5	0.5	6.86	2.5	0.18	1.31	14.7	0.1	0.005	0.1	0.05	0.5
SA5090046	25	0.12	0.5	0.78	10.7	0.5	0.73	0.5	0.5	6.89	7	0.18	0.93	12.6	0.2	0.01	0.2	0.05	0.5
SA5090047	19	0.23	0.3	0.76	4.6	0.5	0.68	1	0.5	6.8	2.5	0.25	1.1	9.8	0.6	0.02	0.1	0.05	0.5
SA5090048	26	0.12	0.6	0.71	5.6	0.5	0.68	0.5	0.5	6.83	2.5	0.24	1.75	11.3	0.2	0.01	0.1	0.1	0.5
SA5090049	25	0.14	0.6	0.72	10.5	0.5	0.6	0.5	0.5	6.86	2.5	0.17	1.15	15.4	0.05	0.02	0.1	0.05	0.5
SA5090050	29	0.07	0.8	0.74	13	0.5	0.68	0.5	0.5	6.78	9	0.11	1.07	11.8	0.2	0.005	0.1	0.05	0.5
SA5090051	35	0.15	0.3	0.9	6.1	0.5	0.64	0.5	0.5	6.84	11	0.15	0.64	11.3	0.05	0.01	0.1	0.05	0.5
SA5090052	31	0.05	0.7	0.76	8.4	0.5	0.69	0.5	0.5	6.82	2.5	0.24	1.89	17.6	0.3	0.005	0.1	0.05	2
SA5090053	22	0.23	0.7	0.99	4.7	0.5	0.65	0.5	0.5	6.89	8	0.18	0.45	13.4	0.3	0.01	0.1	0.05	0.5
SA5090054	31	0.19	0.4	0.65	2.5	0.5	0.58	0.5	0.5	6.68	8	0.23	0.15	10.7	0.1	0.01	0.1	0.05	1
SA5090055	17	0.14	0.1	0.8	11.2	0.5	0.66	0.5	0.5	6.88	2.5	0.19	1.03	13.5	0.05	0.005	0.1	0.05	0.5
SA5090056	20	0.11	0.5	0.79	10.9	0.5	0.64	0.5	0.5	6.81	2.5	0.18	0.9	13.3	0.05	0.02	0.1	0.05	0.5
SA5090057	30	0.1	0.1	1.19	34.5	0.5	0.74	0.5	0.5	6.9	6	0.2	1.01	14.6	0.2	0.005	0.1	0.05	0.5
SA5090058	21	0.08	0.5	0.93	8.7	0.5	0.76	0.5	0.5	6.85	5	0.19	2.04	18.4	0.4	0.005	0.1	0.05	0.5
SA5090059	19	0.34	0.6	1.1	1.1	0.5	0.79	0.5	0.5	6.88	2.5	0.31	1.35	11.3	0.05	0.02	0.1	0.05	0.5
SA5090060	16	0.18	0.5	0.96	8.4	0.5	0.77	0.5	0.5	6.79	2.5	0.29	1.53	11	0.05	0.01	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090061	1	0.16	0.3	0.36	6	0.5	0.16	0.5	0.5	6.09	2.5	0.14	0.005	1.9	0.2	0.02	0.2	0.05	0.5
SA5090062	10	0.22	0.6	0.63	2.7	0.5	0.31	0.5	0.5	6.56	2.5	0.14	0.005	5.7	0.05	0.005	0.1	0.05	0.5
SA5090063	23	0.3	0.8	0.96	14.8	0.5	0.48	0.5	0.5	6.7	6	0.29	0.23	9.3	0.2	0.02	0.1	0.05	0.5
SA5090064	13	0.28	0.5	0.76	5.4	0.5	0.45	0.5	0.5	6.52	2.5	0.24	0.2	6.2	0.2	0.01	0.1	0.2	0.5
SA5090065	18	0.32	0.5	0.85	13.7	0.5	0.5	0.5	0.5	6.62	2.5	0.34	0.32	8.1	0.1	0.02	0.1	0.05	0.5
SA5090066	23	0.29	0.6	0.92	4.9	0.5	0.56	0.5	0.5	6.64	2.5	0.33	0.62	8.9	0.05	0.02	0.1	0.05	1
SA5090067	17	0.32	0.7	0.92	9.2	0.5	0.52	0.5	0.5	6.62	2.5	0.32	0.34	8.9	0.05	0.01	0.1	0.05	3
SA5090068	13	0.31	0.6	0.85	3.7	0.5	0.41	0.5	0.5	6.59	2.5	0.25	0.06	7.7	0.05	0.02	0.1	0.05	0.5
SA5090069	14	0.3	0.8	0.84	4.2	0.5	0.44	2	0.5	6.59	2.5	0.25	0.02	7.9	0.1	0.01	0.1	0.05	4
SA5090070	9	0.25	0.8	0.61	4.5	0.5	0.28	1	0.5	6.53	6	0.14	0.005	6	0.1	0.01	0.1	0.05	1
SA5090071	6	0.26	0.4	0.62	3.9	0.5	0.31	0.5	0.5	6.53	2.5	0.14	0.005	6.1	0.05	0.005	0.1	0.05	0.5
SA5090072	13	0.21	0.4	0.57	4.1	0.5	0.45	0.5	0.5	6.56	2.5	0.15	0.13	9.2	0.1	0.005	0.1	0.05	0.5
SA5090073	20	0.23	0.3	0.55	3.6	0.5	0.37	0.5	0.5	6.75	2.5	0.15	0.08	8.3	0.05	0.005	0.1	0.05	0.5
SA5090074	15	0.27	0.5	1.02	4.7	0.5	0.66	1	0.5	6.89	2.5	0.21	0.54	11.2	0.3	0.01	0.1	0.05	0.5
SA5090075	11	0.29	0.05	0.85	2.1	0.5	0.48	0.5	0.5	6.85	2.5	0.2	0.16	8.1	0.05	0.005	0.1	0.05	0.5
SA5090076	12	0.22	0.7	0.86	6.2	0.5	0.48	0.5	0.5	6.87	2.5	0.18	0.15	9.2	0.05	0.005	0.1	0.05	0.5
SA5090077	7	0.22	0.7	0.59	3.2	0.5	0.38	0.5	0.5	6.78	2.5	0.15	0.005	6.5	0.05	0.005	0.1	0.05	0.5
SA5090078	9	0.27	0.2	0.61	3.3	0.5	0.33	0.5	0.5	6.78	2.5	0.16	0.005	6.2	0.05	0.005	0.1	0.05	0.5
SA5090079	7	0.25	0.7	0.71	5	0.5	0.35	2	0.5	6.81	2.5	0.14	0.005	7.5	0.1	0.005	0.1	0.05	0.5
SA5090080	20	0.32	0.7	0.93	6.9	0.5	0.62	0.5	0.5	6.91	2.5	0.33	0.51	9.4	0.1	0.01	0.1	0.05	2
SA5090081	7	0.49	0.6	1.22	5.8	0.5	0.72	0.5	0.5	7.04	6	0.35	0.26	14.4	0.4	0.01	0.1	0.05	0.5
SA5090082	25	0.21	0.4	1.02	4	0.5	0.68	0.5	0.5	6.94	2.5	0.2	0.55	11.5	0.3	0.005	0.1	0.05	0.5
SA5090083	13	0.34	0.4	0.83	1.3	0.5	0.84	0.5	0.5	6.9	2.5	0.21	1.07	9.7	0.1	0.005	0.1	0.05	0.5
SA5090084	12	0.2	0.8	0.9	9.8	0.5	0.53	0.5	0.5	6.88	14	0.07	0.005	10.9	0.2	0.005	0.1	0.05	0.5
SA5090085	18	0.2	0.3	0.52	3.1	0.5	0.4	0.5	0.5	6.78	6	0.16	0.21	10.2	0.1	0.005	0.1	0.05	1
SA5090086	8	0.2	0.5	1	7.5	0.5	0.61	0.5	0.5	6.9	2.5	0.13	0.68	13.8	0.2	0.005	0.1	0.2	0.5
SA5090087	21	0.14	0.6	0.43	2.9	0.5	0.44	0.5	0.5	6.75	2.5	0.15	0.25	10.5	0.05	0.005	0.1	0.05	0.5
SA5090088	14	0.32	0.8	0.48	2.6	0.5	0.71	3	0.5	6.8	6	0.16	0.34	11.3	0.05	0.005	0.1	0.05	4
SA5090089	12	0.1	0.4	0.37	8.8	0.5	0.48	0.5	0.5	6.6	2.5	0.15	0.88	9.2	0.1	0.01	0.1	0.05	0.5
SA5090090	7	0.04	0.9	0.6	4.8	0.5	0.86	0.5	0.5	6.83	2.5	0.21	1.9	16.4	0.3	0.005	0.1	0.1	3
SA5090091	23	0.16	0.4	0.46	2.7	0.5	0.43	0.5	0.5	6.73	2.5	0.15	0.24	9.9	0.1	0.01	0.1	0.05	0.5
SA5090092	14	0.17	0.4	0.45	2.8	0.5	0.44	0.5	0.5	6.75	2.5	0.15	0.12	9.8	0.2	0.02	0.1	0.05	0.5
SA5090093	21	0.2	0.6	0.47	3.2	0.5	0.39	0.5	0.5	6.78	2.5	0.14	0.005	10	0.4	0.005	0.1	0.05	0.5
SA5090094	22	0.18	0.5	0.39	2.6	0.5	0.35	0.5	0.5	6.77	2.5	0.16	0.005	9.9	0.05	0.005	0.1	0.1	0.5
SA5090095	16	0.15	0.5	0.44	3.8	0.5	0.4	0.5	0.5	6.75	2.5	0.15	0.06	10.3	0.05	0.01	0.1	0.05	0.5
SA5090096	15	0.07	0.5	0.43	2.4	0.5	0.36	0.5	0.5	6.69	5	0.06	0.005	8.3	0.1	0.005	0.1	0.05	1
SA5090097	12	0.13	0.2	0.39	2.8	0.5	0.39	0.5	0.5	6.72	2.5	0.13	0.13	8.6	0.4	0.005	0.1	0.05	0.5
SA5090098	19	0.1	0.7	0.47	3.9	0.5	0.52	0.5	0.5	6.75	8	0.11	0.47	10.1	0.4	0.005	0.1	0.05	1
SA5090099	6	0.23	0.7	1.04	3	0.5	0.69	1	0.5	6.97	2.5	0.21	0.51	12.3	0.4	0.005	0.1	0.2	0.5
SA5090100	10	0.12	0.3	0.4	2.8	0.5	0.34	1	0.5	6.76	2.5	0.12	0.12	8.8	0.05	0.01	0.1	0.05	1
SA5090101	58	0.15	0.4	0.44	1.4	0.5	0.44	0.5	0.5	6.83	2.5	0.19	0.34	9.9	0.05	0.01	0.1	0.1	0.5
SA5090102	3	0.12	0.7	0.57	4.1	0.5	0.34	0.5	0.5	6.82	5	0.14	0.04	19.6	0.2	0.005	0.1	0.05	0.5
SA5090103	25	0.2	0.4	0.51	1.8	0.5	0.43	0.5	0.5	6.96	2.5	0.18	0.005	12.8	0.05	0.01	0.1	0.05	0.5
SA5090104	12	0.29	0.6	0.59	1.2	0.5	0.59	0.5	0.5	7.13	7	0.24	0.62	16.7	0.2	0.02	0.1	0.05	0.5
SA5090105	60	0.26	0.5	0.6	1.1	0.5	0.47	0.5	0.5	7.19	2.5	0.23	0.33	13.7	0.05	0.01	0.1	0.05	0.5
SA5090106	28	0.23	0.2	0.47	0.9	0.5	0.38	0.5	0.5	7.01	2.5	0.18	0.04	11.2	0.1	0.01	0.1	0.1	0.5
SA5090107	22	0.21	0.5	0.48	1.7	0.5	0.44	0.5	0.5	7.01	2.5	0.18	0.03	12	0.05	0.01	0.1	0.05	0.5
SA5090108	9	0.12	0.4	0.3	1.4	0.5	0.42	0.5	0.5	6.74	2.5	0.12	0.06	6.9	0.2	0.005	0.1	0.05	0.5
SA5090109	42	0.16	0.4	0.46	1.8	0.5	0.43	0.5	0.5	6.92	2.5	0.17	0.04	10.6	0.05	0.01	0.1	0.05	0.5
SA5090110	23	0.21	0.4	0.45	2.5	0.5	0.48	0.5	0.5	6.85	2.5	0.14	0.13	9.8	0.05	0.01	0.1	0.05	3
SA5090111	17	0.14	0.6	0.43	1.4	0.5	0.43	0.5	0.5	6.78	2.5	0.13	0.09	9.6	0.05	0.01	0.1	0.05	0.5
SA5090112	17	0.14	0.7	0.54	1.3	0.5	0.59	0.5	0.5	6.54	2.5	0.17	0.49	9.8	0.3	0.005	0.1	0.05	0.5
SA5090113	38	0.19	0.4	0.54	2.7	0.5	0.46	0.5	0.5	6.69	2.5	0.17	0.16	12.3	0.1	0.01	0.1	0.05	0.5
SA5090114	13	0.17	0.6	0.47	2.6	0.5	0.48	0.5	0.5	6.68	2.5	0.16	0.14	9.7	0.3	0.01	0.1	0.1	0.5
SA5090115	17	0.17	0.05	0.46	2	0.5	0.39	0.5	0.5	6.67	2.5	0.15	0.07	9.7	0.05	0.005	0.1	0.05	0.5
SA5090116	26	0.23	0.5	0.51	1.4	0.5	0.49	0.5	0.5	6.84	2.5	0.19	0.11	11.5	0.2	0.005	0.1	0.05	0.5
SA5090117	20	0.15	0.7	0.55	4.7	0.5	0.51	0.5	0.5	6.83	2.5	0.14	0.1	9.8	0.1	0.01	0.1	0.1	0.5
SA5090118	34	0.11	0.3	0.55	1.6	0.5	0.58	0.5	0.5	6.6	8	0.18	0.5	9.8	0.3	0.01	0.1	0.05	1
SA5090119	7	0.09	0.05	0.08	5.9	0.5	0.14	0.5	0.5	5.86	8	0.08	0.005	1.6	0.4	0.005	0.1	0.05	0.5
SA5090120	38	0.2	0.6	0.57	1.6	0.5	0.51	0.5	0.5	6.84	2.5	0.2	0.27	9.1	0.1	0.01	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090121	30	0.17	0.7	0.64	2.9	0.5	0.77	0.5	0.5	6.84	2.5	0.24	1.07	12.9	0.3	0.01	0.1	0.1	0.5
SA5090122	26	0.26	0.5	0.71	2.4	0.5	0.77	0.5	0.5	6.94	5	0.24	0.61	13.6	0.5	0.01	0.1	0.05	10
SA5090123	162	0.17	0.5	0.53	1.5	0.5	0.61	0.5	0.5	6.87	2.5	0.23	1.42	12.2	0.1	0.005	0.1	0.05	0.5
SA5090124	41	0.19	0.2	0.81	2.9	0.5	0.55	0.5	0.5	6.78	7	0.27	0.06	11.4	0.2	0.02	0.1	0.05	19
SA5090125	30	0.12	0.3	0.64	3.7	0.5	0.63	0.5	0.5	7.04	2.5	0.19	0.75	13	0.4	0.01	0.1	0.05	0.5
SA5090126	19	0.08	0.5	0.61	3	0.5	0.54	0.5	0.5	7.2	2.5	0.17	0.67	12.8	0.2	0.01	0.1	0.05	0.5
SA5090127	19	0.23	0.5	0.49	1.1	0.5	0.42	0.5	0.5	7.02	2.5	0.17	0.04	10.5	0.05	0.01	0.1	0.05	0.5
SA5090128	9	0.16	0.5	0.43	2.8	0.5	0.44	0.5	0.5	6.67	2.5	0.13	0.05	9.1	0.05	0.005	0.1	0.1	0.5
SA5090129	0.5	0.18	0.3	0.46	2.4	0.5	0.5	0.5	0.5	6.86	2.5	0.16	0.18	9.6	0.4	0.005	0.1	0.05	0.5
SA5090130	11	0.13	0.2	0.43	9.8	0.5	0.46	0.5	0.5	6.49	7	0.1	0.005	7	0.3	0.005	0.1	0.05	0.5
SA5090131	0.5	0.27	0.1	0.72	2.9	0.5	0.83	0.5	0.5	6.9	2.5	0.24	0.64	12.9	0.3	0.005	0.1	0.05	0.5
SA5090132	0.5	0.11	0.05	0.44	4.3	0.5	0.62	0.5	0.5	6.52	2.5	0.12	0.19	11.2	0.4	0.005	0.1	0.05	0.5
SA5090133	0.5	0.04	0.6	0.58	6.3	0.5	0.78	0.5	0.5	6.7	2.5	0.17	1.35	17.6	0.4	0.01	0.1	0.05	0.5
SA5090134	0.5	0.08	0.5	0.6	2.6	0.5	0.92	0.5	0.5	6.69	2.5	0.21	1.45	12.3	0.05	0.005	0.1	0.2	0.5
SA5090135	0.5	0.07	0.3	0.5	2.4	0.5	0.74	0.5	0.5	6.57	5	0.18	1.07	11	0.3	0.02	0.1	0.05	0.5
SA5090136	15	0.15	0.3	0.46	3.8	0.5	0.47	2	0.5	6.67	2.5	0.16	0.21	10.6	0.1	0.005	0.1	0.1	4
SA5090137	1	0.14	0.05	0.77	5.4	0.5	0.63	0.5	0.5	6.87	2.5	0.28	1.23	14.6	0.2	0.005	0.1	0.05	0.5
SA5090138	0.5	0.11	0.6	0.82	4	0.5	0.79	0.5	0.5	6.77	2.5	0.2	1.93	12.9	0.4	0.005	0.1	0.05	0.5
SA5090139	12	0.17	0.3	0.44	2.3	0.5	0.47	0.5	0.5	6.69	5	0.17	0.22	10.4	0.3	0.005	0.1	0.05	1
SA5090140	0.5	0.2	0.7	0.73	1.8	0.5	0.66	0.5	0.5	6.79	2.5	0.2	0.32	12.3	0.2	0.005	0.1	0.05	0.5
SA5090141	1	0.3	0.5	0.77	8.1	0.5	0.62	0.5	0.5	6.73	2.5	0.2	0.9	11.1	0.4	0.005	0.1	0.05	1
SA5090142	0.5	0.19	0.8	0.6	3.3	0.5	0.61	0.5	0.5	6.65	2.5	0.21	0.13	13.4	0.3	0.005	0.1	0.05	0.5
SA5090143	0.5	0.09	0.3	0.42	5.7	0.5	0.5	0.5	0.5	6.4	2.5	0.17	0.69	11.8	0.3	0.005	0.1	0.3	0.5
SA5090144	0.5	0.08	0.2	0.35	4.5	0.5	0.57	0.5	0.5	6.48	2.5	0.15	0.44	9.7	1.7	0.005	0.1	0.05	0.5
SA5090145	0.5	0.07	0.5	0.32	3.6	0.5	0.53	0.5	0.5	6.13	2.5	0.12	0.05	10.1	0.3	0.005	0.1	0.2	0.5
SA5090146	12	0.17	0.4	0.44	2.1	0.5	0.58	0.5	0.5	6.7	2.5	0.18	0.27	10	0.1	0.005	0.1	0.1	0.5
SA5090147	12	0.2	0.4	0.5	1.8	0.5	0.57	0.5	0.5	6.78	2.5	0.2	0.37	10.6	0.05	0.01	0.1	0.2	0.5
SA5090148	34	0.16	0.4	0.54	2	0.5	0.6	0.5	0.5	6.81	2.5	0.21	0.46	11.5	0.05	0.005	0.1	0.05	0.5
SA5090149	16	0.21	0.7	0.46	3.1	0.5	0.52	0.5	0.5	6.63	2.5	0.17	0.12	8.5	0.2	0.005	0.1	0.05	0.5
SA5090150	7	0.15	0.5	0.4	1.9	0.5	0.34	0.5	0.5	6.62	2.5	0.11	0.005	7.9	0.3	0.005	0.1	0.05	0.5
SA5090151	8	0.13	0.3	0.41	3.3	0.5	0.46	0.5	0.5	6.62	2.5	0.09	0.005	8	0.2	0.005	0.1	0.2	0.5
SA5090152	8	0.15	0.6	0.7	8.6	0.5	0.58	0.5	0.5	6.8	2.5	0.15	0.5	12.9	0.2	0.005	0.1	0.05	0.5
SA5090153	16	0.08	0.6	0.45	2.7	0.5	0.41	0.5	0.5	6.71	5	0.08	0.005	8.6	0.3	0.005	0.1	0.05	0.5
SA5090154	12	0.23	0.5	0.7	2.2	0.5	0.73	2	0.5	6.93	6	0.18	0.07	11.5	0.2	0.005	0.1	0.05	2
SA5090155	1	0.16	0.4	0.52	2.2	0.5	0.52	0.5	0.5	6.8	2.5	0.14	0.23	11.9	0.05	0.005	0.1	0.2	0.5
SA5090156	0.5	0.19	0.4	0.42	1.7	0.5	0.47	0.5	0.5	6.75	2.5	0.14	0.005	9.6	0.1	0.005	0.1	0.05	0.5
SA5090157	20	0.16	0.5	0.56	2	0.5	0.54	0.5	0.5	6.87	2.5	0.14	0.005	11.6	0.05	0.005	0.1	0.05	0.5
SA5090158	9	0.28	0.5	0.6	2.2	0.5	0.76	0.5	0.5	6.78	2.5	0.18	0.005	12.2	0.2	0.005	0.1	0.2	2
SA5090159	0.5	0.08	0.6	0.33	3.8	0.5	0.46	0.5	0.5	6.16	2.5	0.11	0.02	10.5	0.3	0.005	0.1	0.1	0.5
SA5090160	5	0.15	0.3	0.71	3.9	0.5	0.57	0.5	0.5	6.92	2.5	0.19	0.06	14.4	0.2	0.005	0.1	0.05	0.5
SA5090161	11	0.15	0.6	0.92	7.8	0.5	0.76	0.5	0.5	7.06	9	0.24	0.52	18.6	0.2	0.005	0.1	0.05	0.5
SA5090162	0.5	0.06	0.4	0.18	6.6	0.5	0.21	0.5	0.5	5.98	2.5	0.06	0.05	4	0.1	0.005	0.1	0.05	0.5
SA5090163	12	0.1	0.5	1.05	7.4	0.5	0.95	0.5	0.5	7.12	2.5	0.33	2.34	16.9	0.2	0.01	0.1	0.05	0.5
SA5090164	2	0.18	0.4	0.83	14.4	0.5	0.67	0.5	0.5	6.94	5	0.24	0.92	11.4	0.2	0.01	0.1	0.05	0.5
SA5090165	0.5	0.19	0.3	0.67	3.5	0.5	0.54	0.5	0.5	6.81	2.5	0.19	0.46	8.6	0.2	0.01	0.1	0.05	0.5
SA5090166	3	0.15	0.7	0.89	1.7	0.5	0.85	0.5	0.5	7.05	2.5	0.31	2.09	13.6	0.2	0.005	0.2	0.05	0.5
SA5090167	3	0.17	0.3	0.71	3	0.5	0.57	0.5	0.5	6.88	2.5	0.22	0.59	9.9	0.2	0.005	0.1	0.05	0.5
SA5090168	2	0.14	0.3	0.7	1	0.5	0.64	0.5	0.5	6.86	2.5	0.2	0.6	9.6	0.05	0.005	0.1	0.05	0.5
SA5090169	2	0.18	0.4	0.72	4.4	0.5	0.63	0.5	0.5	6.9	2.5	0.21	0.59	9.7	0.2	0.005	0.1	0.2	0.5
SA5090170	0.5	0.15	0.4	0.69	5.1	0.5	0.72	0.5	0.5	6.8	6	0.22	1.2	9.4	0.3	0.005	0.1	0.1	0.5
SA5090171	0.5	0.14	0.7	0.7	2.9	0.5	0.82	0.5	0.5	6.8	5	0.23	1.18	10.6	0.3	0.005	0.1	0.05	0.5
SA5090172	1	0.18	0.4	0.64	3.1	0.5	0.6	0.5	0.5	6.81	6	0.19	0.52	10.3	0.2	0.01	0.1	0.2	0.5
SA5090173	4	0.2	0.1	0.62	13.8	0.5	0.63	0.5	0.5	6.8	8	0.18	0.64	10.4	0.2	0.005	0.1	0.05	0.5
SA5090174	1	0.15	0.05	0.67	18.9	0.5	0.64	0.5	0.5	6.85	6	0.18	0.66	11.7	0.2	0.005	0.1	0.05	0.5
SA5090175	8	0.09	0.5	0.63	4.5	0.5	0.81	0.5	0.5	6.76	2.5	0.18	2.08	11.8	0.3	0.005	0.1	0.05	0.5
SA5090176	11	0.26	0.4	1.26	0.9	0.5	0.8	0.5	0.5	7.16	2.5	0.35	1.23	21.2	0.05	0.01	0.1	0.05	0.5
SA5090177	5	0.09	0.3	0.68	15.4	0.5	0.61	0.5	0.5	6.88	2.5	0.17	0.68	11.9	0.1	0.005	0.1	0.05	0.5
SA5090178	1	0.13	0.3	0.37	2.6	0.5	0.66	0.5	0.5	6.61	2.5	0.18	1.82	15.4	0.3	0.005	0.1	0.05	4
SA5090179	9	0.16	0.8	0.54	4.4	0.5	0.53	1	0.5	6.77	2.5	0.16	0.89	12.1	0.2	0.005	0.1	0.05	11
SA5090180	10	0.12	0.4	0.57	4.9	0.5	0.58	0.5	0.5	6.8	2.5	0.16	0.94	12.7	0.2	0.005	0.1	0.1	0.5

Appendix 1 - Open File 023I/0101

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
SA5090181	27	0.12	0.4	0.52	3.1	0.5	0.56	0.5	0.5	6.72	2.5	0.15	0.88	11.4	0.2	0.01	0.1	0.1	0.5
SA5090182	21	0.1	0.5	0.69	8.7	0.5	0.88	0.5	0.5	6.79	7	0.18	2.43	14.2	0.2	0.01	0.1	0.05	0.5
SA5090183	20	0.09	0.5	0.58	3.6	0.5	0.75	0.5	0.5	6.73	7	0.18	1.36	12.1	0.3	0.01	0.1	0.1	0.5
SA5090184	12	0.12	0.2	0.46	0.9	0.5	0.52	0.5	0.5	6.72	2.5	0.14	0.64	9.1	0.05	0.005	0.1	0.2	0.5
SA5090185	18	0.18	0.7	0.7	2.6	0.5	0.84	0.5	0.5	6.79	2.5	0.17	1.21	12.7	0.2	0.005	0.1	0.05	0.5
SA5090186	17	0.06	0.4	0.58	3.9	0.5	0.73	0.5	0.5	6.79	8	0.18	1.28	12	0.3	0.005	0.1	0.05	0.5
SA5090187	17	0.11	0.6	0.74	14.9	0.5	0.75	0.5	0.5	6.83	2.5	0.18	1.03	13.4	0.2	0.005	0.1	0.05	0.5
SA5090188	15	0.17	0.5	0.8	10.7	0.5	0.82	0.5	0.5	6.91	2.5	0.21	1.49	15	0.2	0.005	0.1	0.05	0.5
SA5090189	24	0.19	0.5	0.53	4.1	0.5	0.48	0.5	0.5	6.8	2.5	0.14	0.53	11.9	0.2	0.01	0.1	0.2	0.5
SA5090190	24	0.16	0.6	0.56	6	0.5	0.47	0.5	0.5	6.79	2.5	0.14	0.61	12.2	0.05	0.005	0.1	0.05	2
SA5090191	30	0.14	0.5	0.64	13.6	0.5	0.5	0.5	0.5	6.91	2.5	0.11	0.51	14.4	0.1	0.005	0.1	0.05	0.5
SA5090192	18	0.13	0.1	0.57	2.4	0.5	0.47	0.5	0.5	6.59	2.5	0.14	0.5	8.7	0.05	0.005	0.1	0.05	0.5
SA5090193	29	0.16	0.4	0.47	21.5	0.5	0.35	0.5	0.5	6.66	2.5	0.09	0.28	9	0.05	0.005	0.1	0.05	0.5
SA5090194	22	0.13	0.4	0.49	2.8	0.5	0.45	0.5	0.5	6.69	2.5	0.12	0.38	9.3	0.2	0.005	0.1	0.2	0.5
SA5090195	17	0.22	0.3	0.65	21.2	0.5	0.45	0.5	0.5	6.93	2.5	0.12	0.55	14.5	0.2	0.005	0.1	0.2	0.5
SA5090196	41	0.09	0.5	0.55	4.8	0.5	0.44	0.5	0.5	6.96	2.5	0.08	0.57	11.5	0.3	0.02	0.1	0.05	0.5
SA5090197	10	0.1	0.6	0.43	2.9	0.5	0.29	0.5	0.5	6.76	6	0.06	0.15	8.2	0.1	0.005	0.1	0.2	0.5
SA5090198	18	0.21	0.5	0.66	12.5	0.5	0.51	0.5	0.5	6.78	5	0.13	0.64	14.1	0.05	0.005	0.1	0.05	0.5
SA5090199	11	0.16	0.8	0.66	3	0.5	0.36	0.5	0.5	6.97	5	0.07	1.13	13.6	0.2	0.005	0.1	0.05	0.5
SA5090200	18	0.2	0.6	0.66	21	0.5	0.52	0.5	0.5	6.94	2.5	0.15	0.39	13.7	0.2	0.005	0.1	0.05	0.5
SA5090201	17	0.18	0.5	0.66	7.7	0.5	0.49	0.5	0.5	6.93	2.5	0.15	0.21	13	0.1	0.005	0.1	0.05	0.5
SA5090202	11	0.19	0.1	0.54	1.9	0.5	0.26	0.5	0.5	6.84	6	0.04	0.66	8.8	0.05	0.005	0.1	0.05	0.5
SA5090203	24	0.13	0.7	1.22	10.6	0.5	0.27	0.5	0.5	7.16	12	0.1	0.63	26.3	0.1	0.005	0.1	0.05	0.5
SA5090204	39	0.24	0.6	0.71	1.8	0.5	0.68	0.5	0.5	6.97	7	0.22	0.41	16.4	0.2	0.01	0.1	0.05	0.5
SA5090205	32	0.14	0.4	0.75	8.8	0.5	0.86	0.5	0.5	6.92	2.5	0.25	1.75	18.5	0.2	0.005	0.1	0.05	0.5
SA5090206	11	0.18	0.4	0.56	2	0.5	0.64	0.5	0.5	6.8	2.5	0.15	0.75	8.8	0.05	0.005	0.1	0.05	0.5
SA5090207	66	0.11	0.8	0.62	2.9	0.5	0.69	0.5	0.5	6.84	2.5	0.27	0.85	14.1	0.1	0.01	0.1	0.05	0.5
SA5090208	24	0.21	0.4	0.54	1.8	0.5	0.32	0.5	0.5	6.85	2.5	0.05	0.68	9.1	0.05	0.005	0.1	0.05	0.5
SA5090209	12	0.13	0.5	0.53	5.5	0.5	0.56	0.5	0.5	6.6	2.5	0.15	0.53	8.8	0.3	0.005	0.1	0.05	0.5
SA5090210	24	0.13	0.4	0.93	16.1	0.5	0.79	16	0.5	7	7	0.24	2.24	17.3	0.4	0.005	0.1	0.05	0.5
SA5090211	15	0.1	0.6	0.44	6.6	0.5	0.64	0.5	0.5	6.57	2.5	0.18	1.45	12	0.4	0.005	0.1	0.1	0.5
SA5090212	45	0.11	0.5	0.69	9.3	0.5	0.83	0.5	0.5	6.89	2.5	0.24	2.23	17.2	0.2	0.005	0.1	0.2	2
SA5090213	15	0.13	0.5	0.72	21.1	0.5	0.6	0.5	0.5	6.84	2.5	0.2	0.57	11.9	0.2	0.01	0.1	0.05	0.5
SA5090214	19	0.17	0.8	0.73	24.7	0.5	0.64	0.5	0.5	6.87	5	0.18	0.5	13.7	0.2	0.01	0.1	0.05	0.5
SA5090215	32	0.09	0.3	0.58	3.4	0.5	0.64	0.5	0.5	6.75	2.5	0.15	1.09	15	0.2	0.005	0.1	0.05	0.5
SA5090216	10	0.07	0.7	0.49	1.5	0.5	0.5	3	0.5	6.67	2.5	0.18	1.26	10.5	0.05	0.01	0.1	0.05	0.5
SA5090217	17	0.1	0.2	0.48	1.9	0.5	0.41	0.5	0.5	6.75	2.5	0.15	0.32	9.6	0.05	0.02	0.1	0.05	0.5
SA5090218	4	0.07	0.3	0.35	6.4	0.5	0.46	0.5	0.5	6.38	2.5	0.12	0.95	9.3	0.2	0.01	0.1	0.05	0.5
SA5090219	16	0.06	0.05	0.39	3.6	0.5	0.55	0.5	0.5	6.48	2.5	0.2	1.55	10	0.05	0.01	0.1	0.2	0.5
SA5090220	51	0.12	0.6	0.38	1.4	0.5	0.41	0.5	0.5	6.79	6	0.18	0.76	9.4	0.05	0.005	0.1	0.05	0.5
SA5090221	25	0.07	0.05	0.49	2.2	0.5	0.57	0.5	0.5	6.79	2.5	0.14	0.84	12	0.1	0.005	0.1	0.05	0.5
SA5090222	42	0.06	0.5	0.73	2.5	0.5	0.8	0.5	0.5	6.95	2.5	0.19	1.71	18.4	0.2	0.005	0.1	0.05	0.5
SA5090223	4	0.09	0.2	0.56	3.1	0.5	0.42	0.5	0.5	6.74	2.5	0.16	0.72	10.3	0.2	0.005	0.1	0.1	0.5
SA5090224	38	0.17	0.5	0.38	1.3	0.5	0.5	0.5	0.5	6.77	2.5	0.18	0.72	9.3	0.05	0.005	0.2	0.05	0.5
SA5090225	0.5	0.09	0.05	0.38	9.8	0.5	0.29	0.5	0.5	6.57	2.5	0.14	0.82	7.6	0.05	0.005	0.1	0.1	0.5
SA5090226	25	0.3	0.4	0.47	3.8	0.5	0.54	0.5	0.5	6.82	6	0.17	0.68	10.4	0.2	0.005	0.1	0.05	2
SA5090227	26	0.16	0.2	0.47	8.2	0.5	0.47	0.5	0.5	6.83	2.5	0.17	0.62	10.4	0.05	0.005	0.1	0.05	0.5
SA5090228	23	0.19	0.05	0.48	4.3	0.5	0.36	0.5	0.5	6.87	2.5	0.17	0.61	10.5	0.05	0.005	0.1	0.05	0.5
SA5090229	14	0.11	0.5	0.6	4.6	0.5	0.77	0.5	0.5	6.69	2.5	0.22	2.29	16.6	0.05	0.005	0.1	0.3	0.5
SA5090230	25	0.13	0.4	0.49	2.7	0.5	0.55	0.5	0.5	6.69	2.5	0.16	0.83	10.9	0.1	0.005	0.1	0.05	0.5
SA5090231	5	0.06	0.1	0.55	3.6	0.5	0.45	0.5	0.5	6.72	2.5	0.16	0.72	10.3	0.05	0.005	0.1	0.05	0.5
SA5090232	17	0.16	0.3	0.49	2.6	0.5	0.4	0.5	0.5	6.85	2.5	0.16	0.64	10.4	0.05	0.005	0.1	0.05	0.5
SA5090233	15	0.15	0.5	0.49	1.4	0.5	0.42	0.5	0.5	6.83	2.5	0.16	0.6	10.3	0.05	0.005	0.1	0.05	0.5
SA5090234	14	0.19	0.4	0.49	3.2	0.5	0.36	0.5	0.5	6.83	2.5	0.16	0.57	10.3	0.1	0.005	0.1	0.2	0.5
SA5090235	15	0.14	0.2	0.57	2.6	0.5	0.65	0.5	0.5	6.8	2.5	0.28	0.88	12.4	0.05	0.01	0.1	0.05	0.5
SA5090236	49	0.21	0.4	0.56	1.7	0.5	0.47	0.5	0.5	6.98	2.5	0.12	1.31	10.6	0.05	0.005	0.1	0.05	0.5
SA5090237	56	0.22	0.4	0.48	0.6	0.5	0.41	0.5	0.5	6.98	2.5	0.14	1.24	10.9	0.05	0.005	0.1	0.05	0.5
SA5090238	56	0.33	1.2	0.49	0.5	0.5	0.68	0.5	0.5	6.92	2.5	0.3	0.79	10.8	0.05	0.06	0.2	0.05	0.5
SA5090239	92	0.55	1.4	0.76	1.3	0.5	0.89	0.5	0.5	7.14	2.5	0.44	2.04	15.3	0.05	0.05	0.1	0.1	4
SA5090240	133	0.24	1.1	0.84	2	0.5	1.08	0.5	0.5	7.27	2.5	0.25	2.45	23.6	0.05	0.05	0.1	0.2	0.5

Appendix 1 - Open File 023I/0101

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
SA5090241	9	0.13	0.3	0.24	0.8	0.5	0.56	0.5	0.5	6.77	2.5	0.14	1.95	9.9	0.05	0.02	0.1	0.05	0.5
SA5090242	197	0.26	0.4	0.56	1.8	0.5	0.54	0.5	0.5	6.95	2.5	0.38	0.59	8.8	0.05	0.01	0.1	0.05	0.5
SA5090243	118	0.19	0.9	0.76	10.3	0.5	0.82	0.5	0.5	7.17	2.5	0.22	2.58	21.6	0.05	0.07	0.1	0.2	0.5
SA5090244	10	0.25	0.2	0.47	1.9	0.5	0.48	0.5	0.5	6.82	2.5	0.14	0.23	11.5	0.1	0.005	0.1	0.05	0.5
SA5090245	10	0.25	0.4	0.35	0.7	0.5	0.53	0.5	0.5	6.82	2.5	0.24	0.83	8.7	0.05	0.005	0.1	0.1	0.5
SA5090246	53	0.26	0.2	0.47	0.9	0.5	0.51	4	0.5	6.99	2.5	0.14	1.18	10.8	0.05	0.01	0.1	0.05	0.5
SA5090247	0.5	0.01	0.4	0.17	8	0.5	0.2	0.5	0.5	5.65	2.5	0.07	0.22	3.5	0.05	0.005	0.1	0.05	2
SA5090248	32	0.23	0.5	0.48	0.7	0.5	0.49	0.5	0.5	6.94	2.5	0.21	1.23	12.7	0.05	0.005	0.3	0.05	0.5
SA5090249	58	0.25	0.7	0.49	0.8	0.5	0.69	0.5	0.5	6.9	2.5	0.22	1.02	12.5	0.05	0.005	0.1	0.05	0.5
SA5090250	30	0.33	0.5	0.77	10.9	0.5	0.48	0.5	0.5	7.1	12	0.09	0.72	17.4	0.05	0.005	0.1	0.05	0.5
SA5090251	14	0.19	0.5	0.49	3	0.5	0.32	0.5	0.5	6.93	2.5	0.1	0.87	9.5	0.05	0.005	0.1	0.05	0.5
SA5090252	14	0.27	0.9	0.56	2	0.5	0.51	0.5	0.5	6.95	2.5	0.39	0.65	8.9	0.05	0.01	0.1	0.05	0.5
SA5090253	7	0.17	0.2	0.39	2.8	0.5	0.35	0.5	0.5	6.79	2.5	0.11	0.64	6.8	0.05	0.005	0.1	0.05	0.5
SA5090254	33	0.22	0.3	0.52	3.9	0.5	0.5	0.5	0.5	6.93	2.5	0.18	1.09	11.8	0.05	0.005	0.1	0.05	0.5
SA5090255	16	0.17	0.6	0.63	3.9	0.5	0.63	0.5	0.5	6.95	2.5	0.29	2.05	13.1	0.1	0.005	0.1	0.05	0.5
SA5090256	5	0.18	0.4	0.62	2.3	0.5	0.73	0.5	0.5	6.81	2.5	0.31	1.44	13.1	0.2	0.005	0.3	0.05	0.5
SA5090257	7	0.2	0.5	0.45	1.4	0.5	0.52	0.5	0.5	6.8	2.5	0.16	0.8	10	0.05	0.005	0.1	0.05	0.5
SA5090258	25	0.22	0.1	0.65	1.3	0.5	0.59	0.5	0.5	6.91	2.5	0.17	1.43	12.4	0.1	0.005	0.1	0.2	0.5
SA5090259	0.5	0.13	0.5	0.74	1.4	0.5	0.69	0.5	0.5	6.91	2.5	0.23	1.66	13.7	0.1	0.005	0.1	0.05	0.5
SA5090260	9	0.19	0.3	0.48	2.1	0.5	0.49	0.5	0.5	6.81	2.5	0.17	0.53	10	0.05	0.005	0.1	0.05	0.5
SA5090261	9	0.13	0.7	0.55	3.4	0.5	0.53	0.5	0.5	6.79	2.5	0.17	1.12	12.8	0.1	0.005	0.1	0.2	0.5
SA5090262	22	0.08	0.4	0.6	4.2	0.5	0.66	0.5	0.5	6.83	2.5	0.19	1.69	13	0.3	0.01	0.1	0.05	0.5
SA5090263	10	0.08	0.3	0.47	2.4	0.5	0.54	0.5	0.5	6.69	2.5	0.17	0.89	10.6	0.05	0.005	0.2	0.05	0.5
SA5090264	23	0.1	0.3	0.55	4.1	0.5	0.64	0.5	0.5	6.75	2.5	0.19	1.61	15.3	0.05	0.005	0.1	0.05	0.5
SA5090265	34	0.16	0.1	0.38	2.6	0.5	0.5	0.5	0.5	6.77	2.5	0.19	0.63	9.4	0.05	0.005	0.1	0.05	0.5
SA5090266	7	0.16	0.3	0.58	1.7	0.5	0.57	0.5	0.5	6.82	2.5	0.17	1.2	12.3	0.1	0.005	0.1	0.05	0.5
SA5090267	14	0.17	0.3	0.48	3.1	0.5	0.5	0.5	0.5	6.75	2.5	0.15	0.79	11	0.3	0.005	0.1	0.05	0.5
SA5090268	5	0.13	0.2	0.58	2.3	0.5	0.55	0.5	0.5	6.83	2.5	0.18	1.22	12	0.2	0.005	0.1	0.05	0.5
SA5090269	0.5	0.36	0.4	0.84	7.2	0.5	0.47	0.5	0.5	6.91	8	0.15	0.25	8.9	0.1	0.005	0.1	0.05	2
SA5090270	1	0.35	0.2	0.76	6.3	0.5	0.36	0.5	0.5	6.93	2.5	0.14	0.18	7.7	0.05	0.005	0.1	0.05	0.5
SA5090271	0.5	0.18	0.4	0.61	5	0.5	0.2	3	0.5	6.82	7	0.08	0.04	5	0.05	0.005	0.1	0.05	1
SA5090272	0.5	0.25	0.5	0.63	3.2	0.5	0.28	0.5	0.5	6.85	2.5	0.15	0.1	5.7	0.05	0.005	0.1	0.05	0.5
SA5090273	0.5	0.07	0.5	0.29	3.3	0.5	0.14	2	0.5	6.31	9	0.08	0.005	2.5	0.1	0.005	0.1	0.2	2
SA5090274	9	0.46	1	1.11	7.7	0.5	0.93	0.5	0.5	7.13	2.5	0.43	3.37	9.8	0.1	0.02	0.1	0.1	0.5
SA5090275	8	0.25	0.6	1.34	15.6	0.5	1	0.5	0.5	7.25	8	0.35	2.55	11.9	0.1	0.02	0.1	0.2	0.5
SA5090276	0.5	0.13	0.6	0.93	4.3	0.5	0.25	0.5	0.5	6.99	15	0.09	0.21	8.9	0.1	0.01	0.1	0.05	0.5
SA5090277	0.5	0.19	0.7	0.62	5.3	0.5	0.29	0.5	0.5	6.86	2.5	0.12	0.35	5.5	0.1	0.005	0.1	0.05	0.5
SA5090278	1	0.15	0.5	1.04	9.5	0.5	0.48	0.5	0.5	7.01	6	0.21	0.22	12	0.2	0.02	0.1	0.05	0.5
SA5090279	9	0.22	0.8	0.82	7.6	0.5	0.37	0.5	0.5	6.91	9	0.22	0.7	8.7	0.2	0.02	0.1	0.1	0.5
SA5090280	11	0.24	0.7	0.85	15.8	0.5	0.4	1	0.5	7.18	2.5	0.22	0.56	9.5	0.2	0.01	0.1	0.05	0.5
SA5090281	2	0.22	0.2	0.66	36.1	0.5	0.26	1	0.5	6.99	6	0.13	0.63	6.5	0.05	0.01	0.1	0.05	2
SA5090282	10	0.21	0.8	1.36	17.2	0.5	0.86	1	0.5	7.17	11	0.34	1.78	11.9	0.2	0.02	0.1	0.2	0.5
SA5090283	9	0.32	0.6	1.03	6.3	0.5	0.61	0.5	0.5	6.91	10	0.52	0.73	9.2	0.2	0.02	0.1	0.1	0.5
SA5090284	15	0.47	0.3	0.91	6.5	0.5	0.8	0.5	0.5	6.94	2.5	0.41	1.76	12.9	0.05	0.01	0.1	0.05	0.5
SA5090285	1	0.27	0.3	0.82	12.6	0.5	0.34	0.5	0.5	6.93	9	0.28	0.14	8.2	0.05	0.01	0.1	0.1	0.5
SA5090286	3	0.28	0.4	0.77	3.2	0.5	0.35	0.5	0.5	6.91	5	0.26	0.09	7.5	0.05	0.01	0.1	0.2	0.5
SA5090287	3	0.26	0.4	0.73	3.5	0.5	0.34	0.5	0.5	7.12	2.5	0.24	0.21	6.7	0.05	0.005	0.1	0.05	0.5
SA5090288	14	0.31	0.6	0.87	5	0.5	0.38	0.5	0.5	6.91	7	0.12	1.88	11.7	0.3	0.005	0.1	0.1	0.5
SA5090289	20	0.15	0.7	1.29	52.7	0.5	0.65	0.5	0.5	7.1	2.5	0.34	2	13.6	0.1	0.02	0.1	0.2	0.5
SA5090290	8	0.25	0.6	1.04	47.2	0.5	0.52	0.5	0.5	6.95	2.5	0.27	1.21	7.2	0.05	0.03	0.1	0.05	0.5
SA5090291	0.5	0.07	0.05	0.08	11.7	0.5	0.09	0.5	0.5	5.44	6	0.09	0.005	0.9	0.4	0.005	0.1	0.05	1
SA5090292	35	0.18	0.7	1.23	60.4	0.5	0.44	0.5	0.5	7.11	2.5	0.17	0.93	12.2	0.05	0.01	0.1	0.05	0.5
SA5090293	20	0.19	0.5	0.88	4.1	0.5	0.48	0.5	0.5	6.87	2.5	0.3	0.84	9.4	0.1	0.04	0.1	0.05	0.5
SA5090294	14	0.26	0.3	0.66	3.2	0.5	0.36	0.5	0.5	6.74	2.5	0.24	0.49	6.7	0.1	0.02	0.1	0.05	0.5
SA5090295	0.5	0.22	0.6	0.7	4.7	0.5	0.36	0.5	0.5	6.82	2.5	0.15	0.38	7.2	0.1	0.01	0.1	0.05	0.5
SA5090296	4	0.26	0.3	0.82	6.4	0.5	0.34	0.5	0.5	6.93	8	0.26	0.14	8.5	0.05	0.01	0.1	0.05	0.5
SA5090297	0.5	0.19	0.6	0.69	3.5	0.5	0.33	0.5	0.5	6.8	5	0.14	0.43	7	0.3	0.01	0.1	0.05	0.5
SA5090298	4	0.29	0.7	0.82	7	0.5	0.35	1	0.5	6.93	2.5	0.26	0.18	8.4	0.2	0.01	0.1	0.05	0.5
SA5090299	5	0.28	0.3	0.8	12.9	0.5	0.27	0.5	0.5	6.94	6	0.26	0.21	8	0.1	0.02	0.1	0.05	0.5
SA5090300	6	0.11	0.3	1.08	141.7	0.5	0.29	0.5	0.5	7.16	2.5	0.07	1.21	12.5	0.05	0.005	0.1	0.05	2

Appendix 1 - Open File 023I/0101

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
SA5090301	9	0.18	0.8	1.39	36	0.5	0.55	0.5	0.5	7.33	2.5	0.19	2.04	17.5	0.05	0.005	0.1	0.05	0.5
SA5090302	0.5	0.16	0.3	0.68	4.2	0.5	0.27	0.5	0.5	6.83	2.5	0.09	0.12	5.3	0.1	0.005	0.1	0.05	0.5
SA5090303	7	0.23	0.6	0.98	46.3	0.5	0.31	0.5	0.5	7.1	5	0.13	0.79	11.1	0.05	0.005	0.1	0.05	0.5
SA5090304	6	0.24	0.3	0.97	15	0.5	0.42	0.5	0.5	6.97	14	0.15	0.45	9.7	0.2	0.005	0.1	0.1	0.5
SA5090305	4	0.23	0.6	0.8	3.6	0.5	0.31	0.5	0.5	6.89	2.5	0.14	0.3	7.9	0.1	0.01	0.1	0.2	0.5
SA5090306	3	0.21	0.3	0.69	4.3	0.5	0.3	0.5	0.5	6.82	2.5	0.13	0.25	8	0.2	0.005	0.3	0.05	0.5
SA5090307	8	0.25	0.3	0.73	7.2	0.5	0.25	0.5	0.5	6.67	2.5	0.21	0.09	7.4	0.05	0.02	0.1	0.2	0.5
SA5090308	13	0.25	0.7	0.75	6.8	0.5	0.3	0.5	0.5	6.83	2.5	0.21	0.19	7.8	0.2	0.01	0.1	0.05	0.5
SA5090309	36	0.25	0.6	0.65	7.9	0.5	0.32	0.5	0.5	6.77	6	0.21	0.3	7.6	0.05	0.02	0.1	0.05	0.5
SA5090310	31	0.39	0.7	0.93	2.9	0.5	0.49	0.5	0.5	6.82	2.5	0.49	0.61	7.7	0.3	0.05	0.1	0.1	0.5
SA5090311	0.5	0.15	0.2	0.1	10.1	0.5	0.08	0.5	0.5	5.89	2.5	0.05	0.005	1.2	0.05	0.005	0.2	0.05	0.5
SA5090312	20	0.16	0.7	0.96	25.2	0.5	0.4	0.5	0.5	6.99	2.5	0.18	0.88	9.9	0.05	0.02	0.1	0.05	0.5
SA5090313	23	0.28	0.4	0.91	14.6	0.5	0.44	0.5	0.5	6.9	2.5	0.24	0.76	8	0.1	0.04	0.1	0.2	0.5
SA5090314	11	0.18	0.4	0.68	3.7	0.5	0.28	0.5	0.5	6.79	2.5	0.08	0.15	5.6	0.05	0.005	0.1	0.2	0.5
SA5090315	19	0.25	1.1	0.85	4.5	0.5	0.41	1	0.5	6.82	2.5	0.23	0.73	7.6	0.1	0.04	0.1	0.05	0.5
SA5090316	18	0.41	0.7	0.82	4.3	0.5	0.46	0.5	0.5	6.71	8	0.32	0.22	5	0.4	0.02	0.1	0.05	0.5
SA5090317	22	0.3	1.1	1.07	13.9	0.5	0.58	0.5	0.5	7	2.5	0.31	1.46	8.6	0.3	0.03	0.1	0.1	0.5
SA5090318	18	0.18	0.4	0.81	4.4	0.5	0.37	0.5	0.5	6.88	2.5	0.2	1.06	8	0.1	0.02	0.1	0.1	0.5
SA5090319	19	0.19	0.7	0.85	27.7	0.5	0.4	0.5	0.5	6.92	2.5	0.19	0.89	8.8	0.1	0.02	0.1	0.05	0.5
SA5090320	25	0.27	0.5	0.74	10.7	0.5	0.36	0.5	0.5	6.69	6	0.24	0.43	6.5	0.2	0.02	0.1	0.1	0.5
SA5090321	27	0.23	0.9	0.59	2.9	0.5	0.32	0.5	0.5	6.69	2.5	0.21	0.34	6.6	0.3	0.02	0.1	0.05	0.5
SA5090322	4	0.23	0.05	0.67	6.4	0.5	0.21	0.5	0.5	6.92	2.5	0.14	0.59	9.4	0.05	0.01	0.1	0.05	0.5
SA5090323	11	0.31	1.1	1.13	27.3	0.5	0.16	0.5	0.5	7.12	9	0.15	0.7	15.1	0.1	0.005	0.1	0.05	3
SA5090324	10	0.24	0.8	0.74	11	0.5	0.25	1	0.5	6.87	5	0.22	0.09	7.6	0.2	0.01	0.1	0.05	0.5
SA5090325	9	0.26	0.3	0.69	7.7	0.5	0.3	0.5	0.5	6.83	2.5	0.2	0.21	8.3	0.05	0.01	0.1	0.05	0.5
SA5090326	13	0.2	0.2	0.63	6.8	0.5	0.37	0.5	0.5	6.9	2.5	0.17	0.45	10.6	0.05	0.01	0.1	0.05	0.5
SA5090327	6	0.13	0.5	0.71	6.2	0.5	0.21	0.5	0.5	6.81	6	0.08	0.81	8.3	0.1	0.01	0.1	0.05	0.5
SA5090328	12	0.19	0.1	0.55	6	0.5	0.4	0.5	0.5	6.83	2.5	0.16	0.64	9.3	0.05	0.005	0.1	0.05	0.5
SA5090329	18	0.14	0.5	1.08	9.5	0.5	1.09	0.5	0.5	7.16	9	0.3	2.53	21.3	0.3	0.005	0.1	0.05	0.5
SA5090330	9	0.11	0.5	1.09	18.2	0.5	1.01	0.5	0.5	7.15	2.5	0.3	3.1	23.2	0.5	0.005	0.1	0.2	0.5
SA5090331	13	0.22	0.4	0.56	6.1	0.5	0.48	0.5	0.5	6.84	2.5	0.16	0.43	9.6	0.2	0.005	0.1	0.2	0.5
SA5090332	12	0.19	0.05	0.55	8.4	0.5	0.43	0.5	0.5	6.84	2.5	0.17	0.44	9.4	0.2	0.005	0.1	0.05	0.5
SA5090333	6	0.24	0.1	0.57	6.1	0.5	0.57	0.5	0.5	6.83	2.5	0.2	0.45	9.4	0.3	0.005	0.1	0.05	0.5
SA5090334	0.5	0.18	0.3	0.73	4.9	0.5	0.59	0.5	0.5	6.75	2.5	0.18	0.97	10.1	0.2	0.005	0.1	0.05	0.5
SA5090335	2	0.15	0.6	0.92	7.5	0.5	0.68	0.5	0.5	6.9	8	0.23	1.13	12.1	0.6	0.005	0.1	0.1	1
SA5090336	8	0.18	0.4	0.54	6.9	0.5	0.41	0.5	0.5	6.81	2.5	0.14	0.39	8.9	0.05	0.005	0.1	0.2	0.5
SA5090337	0.5	0.24	0.3	0.71	13.7	0.5	0.3	0.5	0.5	6.88	5	0.08	0.2	7	0.1	0.005	0.1	0.05	0.5
SA5090338	0.5	0.19	0.5	0.55	4.3	0.5	0.42	0.5	0.5	6.83	2.5	0.16	0.5	9.2	0.4	0.005	0.1	0.05	0.5
SA5090339	0.5	0.18	0.3	0.66	2.8	0.5	0.25	0.5	0.5	6.91	9	0.04	0.31	8.7	0.05	0.005	0.1	0.05	0.5
SA5090340	7	0.19	0.2	0.7	13.5	0.5	0.31	0.5	0.5	6.91	8	0.05	0.6	7.3	0.05	0.005	0.1	0.05	0.5
SA5090341	0.5	0.2	0.5	0.74	5.2	0.5	0.27	0.5	0.5	6.91	2.5	0.08	0.17	7.2	0.05	0.005	0.1	0.05	0.5
SA5090342	0.5	0.2	0.4	0.76	8	0.5	0.28	0.5	0.5	6.94	2.5	0.08	0.18	7.6	0.05	0.005	0.1	0.05	0.5
SA5090343	6	0.3	0.7	1.58	6.9	0.5	0.38	0.5	0.5	7.28	2.5	0.08	1.2	17.6	0.05	0.005	0.1	0.05	0.5
SA5090344	0.5	0.07	0.6	0.4	2.7	0.5	0.16	1	0.5	6.66	8	0.06	0.005	4.5	0.05	0.005	0.1	0.05	1
SA5090345	3	0.16	0.5	0.66	5.3	0.5	0.26	1	0.5	6.74	2.5	0.14	0.49	6.1	0.05	0.02	0.1	0.05	0.5
SA5090346	1	0.11	0.4	0.48	2.8	0.5	0.21	0.5	0.5	6.68	2.5	0.11	0.33	5.4	0.05	0.01	0.1	0.3	0.5
SA5090347	0.5	0.18	0.5	0.43	3.8	0.5	0.16	0.5	0.5	6.62	8	0.12	0.27	4.8	0.05	0.005	0.1	0.05	0.5
SA5090348	0.5	0.17	0.4	0.43	3.8	0.5	0.23	0.5	0.5	6.61	2.5	0.12	0.33	4.6	0.05	0.01	0.1	0.05	0.5
SA5090349	0.5	0.18	0.5	0.51	8.7	0.5	0.27	2	0.5	6.57	6	0.16	0.38	5	0.4	0.02	0.1	0.05	0.5
SA5090350	0.5	0.14	0.6	0.6	3	0.5	0.28	0.5	0.5	6.76	2.5	0.08	0.21	7.7	0.05	0.03	0.1	0.05	0.5
SA5090351	8	0.27	0.6	0.79	11.9	0.5	0.36	0.5	0.5	6.93	12	0.19	0.26	7.7	0.1	0.005	0.1	0.05	0.5
SA5090352	1	0.14	0.5	0.51	6.2	0.5	0.24	0.5	0.5	6.38	9	0.15	0.21	6.2	0.1	0.005	0.1	0.05	0.5
SA5090353	11	0.21	0.5	0.8	11.6	0.5	0.44	0.5	0.5	6.76	7	0.17	0.53	6.5	0.2	0.005	0.1	0.05	0.5
SA5090354	4	0.25	0.5	1.05	7.5	0.5	0.7	1	0.5	6.86	2.5	0.19	0.85	7.7	0.4	0.01	0.1	0.05	0.5
SA5090355	2	0.14	0.5	0.53	8.9	0.5	0.43	0.5	0.5	6.52	2.5	0.21	0.9	5.2	0.2	0.01	0.1	0.05	0.5
SA5090356	4	0.35	0.6	0.8	6.1	0.5	0.57	1	0.5	6.66	6	0.25	0.99	5.5	0.5	0.02	0.1	0.05	0.5
SA5090357	10	0.18	0.8	0.84	4	0.5	0.53	0.5	0.5	6.86	6	0.19	0.69	6.9	0.2	0.02	0.1	0.05	0.5
SA5090358	1	0.23	0.3	0.74	7.9	0.5	0.31	0.5	0.5	6.91	2.5	0.08	0.39	7	0.2	0.005	0.1	0.05	10
SA5090359	0.5	0.21	0.3	0.6	3.9	0.5	0.34	0.5	0.5	6.59	2.5	0.19	0.58	4.7	0.2	0.02	0.1	0.1	0.5
SA5090360	2	0.43	0.7	0.9	9.2	0.5	0.75	0.5	0.5	6.98	2.5	0.27	2.44	7.4	0.2	0.02	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090361	5	0.19	0.5	0.88	23.7	0.5	0.48	0.5	0.5	6.84	2.5	0.18	1.5	8	0.2	0.02	0.1	0.05	0.5
SA5090362	2	0.22	0.6	0.7	7.3	0.5	0.4	0.5	0.5	6.75	9	0.21	0.51	6.5	0.4	0.02	0.1	0.05	0.5
SA5090363	6	0.37	0.6	0.75	3.8	0.5	0.7	0.5	0.5	6.98	2.5	0.24	1.83	7.8	0.3	0.005	0.3	0.05	0.5
SA5090364	11	0.42	0.8	1.14	1.7	0.5	0.58	0.5	0.5	7.11	2.5	0.43	1.22	7.3	0.05	0.02	0.1	0.2	0.5
SA5090365	8	0.27	0.5	0.86	7.1	0.5	0.34	0.5	0.5	7.05	9	0.39	0.26	8.9	0.05	0.02	0.1	0.05	0.5
SA5090366	0.5	0.23	0.3	0.4	2.2	0.5	0.42	0.5	0.5	6.37	2.5	0.11	0.06	4.5	0.2	0.005	0.1	0.05	0.5
SA5090367	5	0.24	0.6	0.79	4.8	0.5	0.33	0.5	0.5	7.02	7	0.1	0.29	8.7	0.1	0.01	0.1	0.2	0.5
SA5090368	8	0.2	0.4	0.9	7.8	0.5	0.34	0.5	0.5	7.09	2.5	0.41	0.22	9	0.05	0.01	0.1	0.1	0.5
SA5090369	0.5	0.23	0.5	0.57	4.8	0.5	0.45	0.5	0.5	6.74	2.5	0.18	0.71	7.4	0.2	0.01	0.1	0.05	0.5
SA5090370	1	0.09	0.3	0.42	8.3	0.5	0.2	0.5	0.5	6.68	2.5	0.06	0.09	6.8	0.05	0.005	0.1	0.05	0.5
SA5090371	0.5	0.22	0.4	0.5	4	0.5	0.3	6	0.5	6.66	2.5	0.14	0.2	5.3	0.05	0.005	0.1	0.05	0.5
SA5090372	7	0.23	0.5	0.9	7.6	0.5	0.34	0.5	0.5	7.09	2.5	0.4	0.25	8.9	0.05	0.02	0.1	0.2	0.5
SA5090373	0.5	0.27	0.2	0.52	5.2	0.5	0.29	0.5	0.5	6.86	2.5	0.08	0.16	5.8	0.05	0.005	0.1	0.1	0.5
SA5090374	0.5	0.22	0.8	0.59	2.9	0.5	0.22	0.5	0.5	6.96	2.5	0.07	0.21	7.4	0.05	0.005	0.1	0.05	0.5
SA5090375	0.5	0.26	0.4	0.51	4.7	0.5	0.34	0.5	0.5	6.66	2.5	0.14	0.27	5.2	0.05	0.005	0.1	0.05	0.5
SA5090376	0.5	0.19	0.4	0.52	5.1	0.5	0.31	0.5	0.5	6.96	2.5	0.15	0.26	5.4	0.1	0.005	0.1	0.05	0.5
SA5090377	3	0.14	0.5	0.88	23.3	0.5	0.39	0.5	0.5	6.79	12	0.52	0.17	9.3	0.3	0.005	0.1	0.2	0.5
SA5090378	5	0.23	0.6	0.91	5.1	0.5	0.39	0.5	0.5	7.08	2.5	0.43	0.32	8.9	0.05	0.02	0.1	0.2	0.5
SA5090379	0.5	0.16	0.6	0.67	7.3	0.5	0.47	0.5	0.5	6.56	2.5	0.19	0.52	6.1	0.05	0.01	0.1	0.05	0.5
SA5090380	1	0.22	0.4	0.73	11	0.5	0.39	0.5	0.5	6.76	6	0.19	0.51	6.7	0.1	0.01	0.1	0.05	3
SA5090381	5	0.16	0.6	0.89	5.3	0.5	0.4	0.5	0.5	7.06	2.5	0.43	0.24	8.9	0.05	0.01	0.1	0.05	0.5
SA5090382	0.5	0.24	0.4	0.81	14.3	0.5	0.25	0.5	0.5	7.05	7	0.1	0.83	12.6	0.2	0.005	0.1	0.05	0.5
SA5090383	0.5	0.12	0.6	0.44	4.3	0.5	0.27	0.5	0.5	6.75	7	0.06	0.4	5.8	0.3	0.005	0.1	0.1	0.5
SA5090384	0.5	0.14	0.4	0.4	4.1	0.5	0.23	0.5	0.5	6.64	2.5	0.07	0.2	4.6	0.7	0.005	0.1	0.05	0.5
SA5090385	0.5	0.1	1	0.34	3.2	0.5	0.19	50	2	6.62	5	0.05	0.005	4.5	0.2	0.005	0.1	0.05	0.5
SA5090386	5	0.21	0.5	0.93	7.5	0.5	0.43	0.5	0.5	7.08	2.5	0.46	0.32	8.8	0.2	0.01	0.1	0.05	0.5
SA5090387	5	0.17	0.3	0.92	7.4	0.5	0.45	0.5	0.5	7.09	2.5	0.44	0.22	9.4	0.05	0.01	0.1	0.05	0.5
SA5090388	4	0.33	0.5	0.71	3.1	0.5	0.52	0.5	0.5	6.16	2.5	0.83	0.39	9.6	0.05	0.01	0.1	0.2	0.5
SA5090389	5	0.22	0.7	0.93	5.2	0.5	0.46	0.5	0.5	7.06	2.5	0.42	0.29	8.9	0.05	0.02	0.1	0.05	0.5
SA5090390	3	0.4	0.4	0.92	35.7	0.5	0.47	0.5	0.5	6.98	18	0.17	0.27	8.6	0.3	0.005	0.1	0.1	2
SA5090391	2	0.33	0.6	0.66	8.6	0.5	0.5	0.5	0.5	6.89	5	0.09	0.25	6.3	0.2	0.005	0.1	0.05	0.5
SA5090392	0.5	0.13	0.4	0.46	4.4	0.5	0.28	0.5	0.5	6.82	2.5	0.08	0.23	6.1	0.05	0.005	0.1	0.05	0.5
SA5090393	9	0.15	0.7	0.59	4.3	0.5	0.5	0.5	0.5	6.87	2.5	0.16	0.15	8.7	0.3	0.01	0.1	0.05	0.5
SA5090394	2	0.31	0.5	0.59	3.4	0.5	0.48	0.5	0.5	6.82	2.5	0.22	0.05	6.8	0.2	0.01	0.5	0.05	0.5
SA5090395	0.5	0.26	0.8	0.82	17.3	0.5	0.26	0.5	0.5	7.05	7	0.1	0.8	13	0.05	0.005	0.1	0.05	0.5
SA5090396	7	0.15	0.9	0.91	5.4	0.5	0.43	0.5	0.5	7.07	2.5	0.42	0.27	8.6	0.1	0.02	0.1	0.05	0.5
SA5090397	14	0.18	0.5	0.93	6.1	0.5	0.46	0.5	0.5	7.08	2.5	0.44	0.3	8.6	0.2	0.01	0.1	0.2	0.5
SA5090398	6	0.27	0.6	0.55	2.4	0.5	0.38	0.5	0.5	6.76	2.5	0.22	0.06	5.6	0.05	0.005	0.1	0.05	0.5
SA5090399	10	0.32	0.3	0.6	3.6	0.5	0.52	0.5	0.5	6.74	2.5	0.35	0.37	5.8	0.2	0.005	0.1	0.05	0.5
SA5090400	11	0.25	0.7	0.71	4.2	0.5	0.35	3	0.5	6.96	2.5	0.26	0.16	9	0.05	0.02	0.1	0.1	0.5
SA5090401	6	0.13	0.6	0.81	5.4	0.5	0.42	0.5	0.5	6.84	6	0.24	0.36	7.9	0.3	0.02	0.1	0.05	1
SA5090402	4	0.18	0.9	0.88	5.2	0.5	0.46	0.5	0.5	7.07	2.5	0.4	0.25	9.3	0.05	0.02	0.1	0.1	0.5
SA5090403	12	0.18	0.7	0.82	4.7	0.5	0.42	0.5	0.5	7.01	2.5	0.36	0.21	7.3	0.2	0.02	0.1	0.05	0.5
SA5090404	4	0.29	0.6	0.58	2.5	0.5	0.43	0.5	0.5	6.81	2.5	0.23	0.1	6.6	0.1	0.01	0.1	0.05	0.5
SA5090405	6	0.24	0.3	0.57	1.6	0.5	0.44	1	0.5	6.84	2.5	0.22	0.005	6.6	0.2	0.005	0.1	0.1	0.5
SA5090406	11	0.22	0.4	0.57	2.1	0.5	0.44	0.5	0.5	6.77	2.5	0.22	0.05	7	0.3	0.01	0.1	0.05	0.5
SA5090407	8	0.24	0.6	0.58	3.5	0.5	0.48	0.5	0.5	6.8	7	0.25	0.02	6.7	0.2	0.01	0.1	0.05	0.5
SA5090408	4	0.18	0.2	0.54	3.1	0.5	0.32	0.5	0.5	6.81	7	0.05	0.005	5.6	0.05	0.005	0.1	0.05	0.5
SA5090409	1	0.03	0.05	0.4	2.1	0.5	0.29	0.5	0.5	6.52	2.5	0.04	0.005	4.3	0.3	0.005	0.1	0.05	0.5
SA5090410	8	0.18	0.7	0.83	6.9	0.5	0.38	0.5	0.5	7	2.5	0.35	0.21	7.6	0.05	0.02	0.1	0.2	0.5
SA5090411	4	0.19	0.3	0.82	4.3	0.5	0.39	0.5	0.5	7.03	2.5	0.32	0.2	9.1	0.2	0.02	0.1	0.05	0.5
SA5090412	10	0.21	0.3	0.64	8.1	0.5	0.4	28	0.5	6.94	2.5	0.23	0.2	9	0.2	0.02	0.1	0.1	1
SA5090413	11	0.23	0.7	0.68	7.3	0.5	0.44	7	0.5	6.98	5	0.23	0.16	9.4	0.2	0.02	0.1	0.05	3
SA5090414	12	0.14	0.7	1.14	3.6	0.5	0.52	0.5	0.5	7.16	2.5	0.65	0.42	9.2	0.05	0.02	0.1	0.1	0.5
SA5090415	9	0.11	0.6	1.14	5.1	0.5	0.51	0.5	0.5	7.18	2.5	0.63	0.45	9.2	0.05	0.02	0.1	0.05	0.5
SA5090416	3	0.19	0.3	0.72	3.1	0.5	0.39	0.5	0.5	6.94	2.5	0.27	0.07	6.4	0.05	0.02	0.1	0.05	0.5
SA5090417	0.5	0.17	0.4	0.37	2.4	0.5	0.31	0.5	0.5	6.61	2.5	0.07	0.07	3.7	0.1	0.01	0.1	0.1	0.5
SA5090418	0.5	0.15	0.2	0.37	2.3	0.5	0.36	3	0.5	6.59	5	0.08	0.12	3.8	0.05	0.01	0.1	0.05	3
SA5090419	11	0.19	0.2	0.57	4	0.5	0.54	0.5	0.5	6.88	2.5	0.15	0.19	9.6	0.05	0.005	0.1	0.05	0.5
SA5090420	8	0.17	0.7	1.05	4.3	0.5	0.5	0.5	0.5	7.12	2.5	0.56	0.44	9.2	0.2	0.02	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090421	13	0.17	0.6	0.69	4.1	0.5	0.45	2	0.5	6.95	5	0.15	0.12	9.5	0.2	0.01	0.1	0.05	0.5
SA5090422	0.5	0.08	0.05	0.37	1.6	0.5	0.22	0.5	0.5	6.61	2.5	0.06	0.05	3.3	0.05	0.005	0.1	0.05	0.5
SA5090423	7	0.18	0.7	0.54	5.3	0.5	0.34	1	0.5	6.76	6	0.13	0.04	6.1	0.2	0.02	0.1	0.05	2
SA5090424	2	0.09	0.4	0.57	7.3	0.5	0.3	0.5	0.5	6.7	7	0.06	0.005	5.1	0.1	0.01	0.1	0.1	0.5
SA5090425	15	0.15	0.7	1	5	0.5	0.54	0.5	0.5	6.96	29	0.17	1	12.3	0.2	0.01	0.1	0.05	0.5
SA5090426	0.5	0.14	0.05	0.42	1.6	0.5	0.31	0.5	0.5	6.61	2.5	0.06	0.09	4.3	0.05	0.005	0.1	0.05	0.5
SA5090427	0.5	0.19	0.2	0.34	1.9	0.5	0.28	0.5	0.5	6.53	2.5	0.07	0.08	3.6	0.2	0.005	0.1	0.05	0.5
SA5090428	0.5	0.15	0.5	0.37	1.9	0.5	0.28	0.5	0.5	6.57	2.5	0.07	0.07	3.6	0.05	0.005	0.1	0.05	0.5
SA5090429	11	0.2	0.5	0.6	8.2	0.5	0.55	0.5	0.5	6.89	5	0.15	0.17	9.5	0.1	0.01	0.1	0.05	0.5
SA5090430	12	0.16	0.6	1.02	4.7	0.5	0.58	0.5	0.5	6.97	30	0.18	0.98	12.7	0.1	0.005	0.1	0.05	0.5
SA5090431	10	0.18	0.6	0.58	5.9	0.5	0.47	0.5	0.5	6.88	2.5	0.15	0.2	9.6	0.3	0.005	0.1	0.05	1
SA5090432	8	0.18	0.05	0.6	4.2	0.5	0.52	0.5	0.5	6.89	2.5	0.15	0.13	9.6	0.05	0.01	0.1	0.05	0.5
SA5090433	4	0.19	0.5	0.6	9.9	0.5	0.54	0.5	0.5	6.87	7	0.16	0.13	9.7	0.2	0.005	0.4	0.05	0.5
SA5090434	0.5	0.2	0.3	0.99	6.2	0.5	0.37	0.5	0.5	6.96	7	0.12	0.02	12	0.2	0.02	0.1	0.05	1
SA5090435	8	0.52	0.8	0.84	13.7	0.5	0.71	0.5	0.5	7.13	10	0.35	4.21	10.3	0.05	0.005	0.1	0.2	0.5
SA5090436	0.5	0.29	0.4	0.7	5.8	0.5	0.32	0.5	0.5	7	2.5	0.08	0.61	11.8	0.1	0.005	0.1	0.05	0.5
SA5090437	0.5	0.13	0.05	0.45	4.3	0.5	0.34	0.5	0.5	6.79	2.5	0.06	0.09	5.6	0.05	0.005	0.1	0.05	0.5
SA5090438	0.5	0.1	0.3	0.58	1.8	0.5	0.42	0.5	0.5	6.66	6	0.15	0.005	6.2	0.2	0.005	0.1	0.05	0.5
SA5090439	0.5	0.15	0.05	0.46	3.4	0.5	0.41	0.5	0.5	6.77	2.5	0.08	0.09	6	0.1	0.005	0.1	0.05	0.5
SA5090440	0.5	0.14	0.6	0.46	4.2	0.5	0.36	0.5	0.5	6.76	2.5	0.09	0.05	5.9	0.05	0.005	0.1	0.05	0.5
SA5090441	0.5	0.18	0.5	0.49	11.1	0.5	0.34	0.5	0.5	6.79	2.5	0.09	0.11	6.3	0.2	0.005	0.1	0.05	0.5
SA5090442	0.5	0.1	0.2	0.58	3.9	0.5	0.49	0.5	0.5	6.6	2.5	0.13	0.2	7.7	0.05	0.01	0.1	0.2	0.5
SA5090443	2	0.28	0.5	1.36	18	0.5	0.59	0.5	1	7.1	15	0.12	0.43	17.2	0.4	0.005	0.3	0.3	2
SA5090444	0.5	0.08	0.4	1.09	18.5	0.5	0.45	0.5	0.5	7.19	10	0.06	0.63	14.5	0.2	0.005	0.1	0.05	0.5
SA5090445	7	0.18	0.2	0.61	4.8	0.5	0.46	0.5	0.5	6.9	2.5	0.16	0.13	9.3	0.1	0.005	0.1	0.05	0.5
SA5090446	7	0.2	0.2	0.6	5.6	0.5	0.54	0.5	0.5	6.9	8	0.17	0.05	9.3	0.2	0.005	0.1	0.05	0.5
SA5090447	0.5	0.14	0.4	0.66	6.3	0.5	0.65	0.5	0.5	6.82	6	0.17	0.5	10.2	0.2	0.005	0.1	0.05	1
SA5090448	0.5	0.12	0.3	0.85	8.1	0.5	0.85	0.5	0.5	6.85	2.5	0.17	1.09	10	0.3	0.005	0.3	0.05	0.5
SA5090449	0.5	0.11	0.4	0.47	2.3	0.5	0.39	0.5	0.5	6.55	2.5	0.11	0.18	4.4	0.3	0.005	0.3	0.05	1
SA5090450	0.5	0.28	0.6	0.85	5	0.5	0.68	0.5	0.5	7.01	2.5	0.2	0.62	11.5	0.05	0.01	0.3	0.05	0.5
SA5090451	0.5	0.16	0.7	0.81	15.1	0.5	0.46	0.5	0.5	6.9	2.5	0.16	0.72	10.4	0.4	0.005	0.1	0.05	0.5
SA5090452	0.5	0.2	0.2	0.52	1.1	0.5	0.42	0.5	0.5	6.67	2.5	0.09	0.13	5.2	0.05	0.005	0.1	0.05	0.5
SA5090453	9	0.25	0.3	1.1	2.3	0.5	0.86	0.5	0.5	7.1	2.5	0.4	1	12.8	0.2	0.02	0.1	0.05	0.5
SA5090454	0.5	0.23	0.5	0.5	1.1	0.5	0.48	0.5	0.5	6.72	2.5	0.09	0.16	5.4	0.2	0.005	0.1	0.05	0.5
SA5090455	0.5	0.22	0.6	0.72	10.7	0.5	0.5	0.5	0.5	7.01	2.5	0.08	0.18	10.2	0.2	0.005	0.1	0.05	0.5
SA5090456	0.5	0.11	0.4	0.79	11	0.5	0.82	0.5	0.5	6.91	2.5	0.18	1.08	10.2	0.2	0.005	0.1	0.05	0.5
SA5090457	0.5	0.31	0.3	0.62	3.7	0.5	0.39	0.5	0.5	6.86	2.5	0.08	0.1	12.8	0.3	0.005	0.1	0.05	0.5
SA5090458	0.5	0.12	0.6	0.93	15.1	0.5	0.54	0.5	0.5	6.83	2.5	0.14	0.47	7.1	0.05	0.005	0.2	0.1	0.5
SA5090459	-9	0.14	0.2	0.65	8.4	0.5	0.46	0.5	1	-9	9	0.11	0.39	11.6	0.5	0.01	0.1	0.1	1
SA5090460	0.5	0.15	0.05	0.53	2	0.5	0.35	0.5	0.5	6.65	2.5	0.09	0.13	5.2	0.1	0.01	0.1	0.05	0.5
SA5090461	0.5	0.14	0.2	0.36	1.5	0.5	0.26	0.5	0.5	6.78	2.5	0.06	0.33	5	0.05	0.005	0.3	0.05	0.5
SA5090462	0.5	0.19	0.3	0.36	1.9	0.5	0.33	0.5	0.5	6.77	2.5	0.07	0.41	4.7	0.05	0.005	0.1	0.05	0.5
SA5090463	-9	0.2	0.2	0.68	3.1	0.5	0.44	0.5	0.5	6.85	2.5	0.14	0.56	8.3	0.1	0.005	0.1	0.05	0.5
SA5090464	0.5	0.14	0.8	0.76	8.7	0.5	0.58	0.5	1	6.81	6	0.14	0.26	8	0.3	0.01	0.5	0.2	1
SA5090465	0.5	0.25	0.4	0.65	5.5	0.5	0.47	2	0.5	6.89	2.5	0.08	0.19	7.7	0.3	0.005	0.1	0.05	0.5
SA5090466	0.5	0.15	0.1	0.54	3.5	0.5	0.47	0.5	0.5	6.69	2.5	0.09	0.19	6.2	0.1	0.005	0.1	0.05	0.5
SA5090467	0.5	0.06	0.6	0.77	3.2	0.5	0.58	0.5	0.5	6.75	2.5	0.07	0.3	9.4	0.3	0.005	0.1	0.05	0.5
SA5090468	0.5	0.21	0.2	0.53	3.8	0.5	0.45	0.5	0.5	6.75	2.5	0.1	0.08	5.9	0.05	0.005	0.1	0.05	0.5
SA5090469	10	0.14	0.7	0.95	9.5	0.5	0.71	2	0.5	6.98	2.5	0.17	1.07	11.3	0.05	0.005	0.1	0.05	1
SA5090470	0.5	0.13	0.3	0.41	1.5	0.5	0.29	0.5	0.5	6.84	2.5	0.06	0.33	6	0.1	0.005	0.1	0.05	0.5
SA5090471	0.5	0.19	0.05	0.43	3.4	0.5	0.26	0.5	0.5	6.75	2.5	0.08	0.2	5.5	0.3	0.005	0.7	0.2	0.5
SA5090472	0.5	0.2	0.05	0.43	1.7	0.5	0.35	0.5	0.5	6.76	2.5	0.08	0.18	5.3	0.1	0.005	0.1	0.05	0.5
SA5090473	0.5	0.21	0.5	0.59	3.7	0.5	0.58	0.5	0.5	6.69	2.5	0.15	0.64	8.8	0.4	0.005	0.3	0.2	0.5
SA5090474	0.5	0.19	0.6	0.39	2	0.5	0.35	0.5	0.5	6.78	2.5	0.06	0.31	5.3	0.1	0.005	0.3	0.05	0.5
SA5090475	1	0.21	0.05	0.6	3.8	0.5	0.62	0.5	0.5	6.72	2.5	0.15	0.64	9	0.3	0.005	0.3	0.05	0.5
SA5090476	0.5	0.18	0.4	0.43	1.5	0.5	0.4	0.5	0.5	6.57	2.5	0.09	0.05	5.5	0.1	0.005	0.1	0.05	1
SA5090477	0.5	0.13	0.05	0.43	2.9	0.5	0.44	0.5	0.5	6.53	2.5	0.08	0.07	5.2	0.2	0.005	0.1	0.05	0.5
SA5090478	10	0.23	0.5	0.59	7.8	0.5	0.5	0.5	0.5	6.89	2.5	0.15	0.06	9.3	0.05	0.01	0.1	0.05	0.5
SA5090479	1	0.05	0.4	0.62	6.4	0.5	0.55	0.5	0.5	6.84	2.5	0.05	0.4	9.6	0.05	0.005	0.4	0.05	1
SA5090480	5	0.19	0.4	0.95	2.8	0.5	0.54	0.5	0.5	7.02	2.5	0.38	0.35	8	0.2	0.03	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090481	8	0.23	0.5	0.92	4.4	0.5	0.5	0.5	0.5	6.94	2.5	0.27	0.45	7.9	0.1	0.03	0.1	0.05	0.5
SA5090482	0.5	0.09	0.4	0.34	2.7	0.5	0.26	0.5	0.5	6.43	2.5	0.05	0.005	2.9	0.05	0.005	0.1	0.1	0.5
SA5090483	1	0.17	0.6	1.1	4.4	0.5	0.55	0.5	0.5	7.14	2.5	0.55	0.36	9.1	0.05	0.02	0.1	0.1	0.5
SA5090484	1	0.16	0.9	0.93	3.2	0.5	0.45	0.5	0.5	7.02	2.5	0.19	0.18	7.3	0.05	0.03	0.1	0.05	0.5
SA5090485	4	0.23	0.05	0.67	9.9	0.5	0.41	4	0.5	6.9	2.5	0.24	0.05	6.2	0.4	0.02	0.1	0.05	0.5
SA5090486	8	0.2	0.3	0.54	10.2	0.5	0.37	0.5	0.5	6.75	2.5	0.14	0.09	5.9	0.3	0.01	0.1	0.05	0.5
SA5090487	5	0.19	0.1	0.53	5.8	0.5	0.37	0.5	0.5	6.76	2.5	0.13	0.005	5.7	0.3	0.01	0.4	0.05	0.5
SA5090488	6	0.24	0.4	0.54	5.4	0.5	0.37	0.5	0.5	6.75	2.5	0.12	0.02	5.6	0.2	0.02	0.1	0.05	0.5
SA5090489	0.5	0.18	0.3	0.38	2.2	0.5	0.29	0.5	0.5	6.63	2.5	0.07	0.11	3.8	0.2	0.01	0.1	0.05	0.5
SA5090490	9	0.24	0.1	0.68	4.5	0.5	0.44	0.5	0.5	6.89	2.5	0.25	0.03	6.2	0.3	0.02	0.1	0.05	0.5
SA5090491	7	0.19	0.2	0.6	10.3	0.5	0.52	0.5	0.5	6.88	2.5	0.16	0.15	9.4	0.2	0.005	0.1	0.2	0.5
SA5090492	8	0.21	0.2	0.61	14.6	0.5	0.51	0.5	0.5	6.88	7	0.16	0.21	9.5	0.3	0.005	0.1	0.1	0.5
SA5090493	6	0.27	0.6	0.81	2.8	0.5	0.55	0.5	0.5	7.02	2.5	0.14	0.54	10.7	0.1	0.01	0.1	0.1	0.5
SA5090494	9	0.2	0.4	0.59	9.5	0.5	0.6	0.5	0.5	6.89	2.5	0.16	0.25	9.4	0.05	0.005	0.2	0.05	0.5
SA5090495	2	0.24	0.5	1.04	5	0.5	0.48	0.5	0.5	6.94	2.5	0.12	0.24	7.8	0.2	0.005	0.1	0.05	0.5
SA5090496	8	0.2	0.1	0.57	11.7	0.5	0.56	0.5	0.5	6.87	2.5	0.16	0.24	9.2	0.2	0.005	0.1	0.05	0.5
SA5090497	8	0.2	0.4	0.59	8.3	0.5	0.52	0.5	0.5	6.85	2.5	0.15	0.26	9.2	0.3	0.005	0.6	0.05	0.5
SA5090498	0.5	0.2	0.05	0.64	8.9	0.5	0.5	0.5	0.5	6.92	2.5	0.14	0.25	9.4	0.3	0.01	0.1	0.05	0.5
SA5090499	0.5	0.3	0.5	0.97	14.4	0.5	0.46	0.5	0.5	7.19	9	0.09	1.03	15.4	0.1	0.005	0.1	0.05	0.5
SA5090500	3	0.17	0.05	0.56	6.9	0.5	0.55	0.5	0.5	6.89	2.5	0.14	0.25	9.6	0.2	0.005	0.1	0.1	0.5
SA5090501	0.5	0.25	0.3	0.68	3.4	0.5	0.3	8	0.5	6.99	2.5	0.05	0.96	7.1	0.2	0.005	0.1	0.05	0.5
SA5090502	0.5	0.1	0.8	1.56	6.8	0.5	0.43	0.5	0.5	7.19	24	0.06	1.08	14.7	0.1	0.005	0.1	0.05	0.5
SA5090503	6	0.18	0.3	0.64	3.3	0.5	0.52	0.5	0.5	6.93	6	0.13	0.005	8.5	0.3	0.005	0.1	0.2	0.5
SA5090504	6	0.18	0.3	0.6	7	0.5	0.55	0.5	0.5	6.88	6	0.15	0.11	9	0.3	0.005	0.1	0.05	0.5
SA5090505	33	0.21	0.5	0.61	7.4	0.5	0.51	0.5	0.5	6.87	11	0.16	0.07	9.5	0.2	0.005	0.1	0.05	0.5
SA5090506	37	0.19	0.2	0.59	9.4	0.5	0.46	0.5	0.5	6.85	5	0.15	0.05	9	0.2	0.01	0.1	0.05	0.5
SA5090507	5	0.16	0.2	0.65	4.6	0.5	0.61	0.5	0.5	6.77	7	0.17	0.24	9.8	0.5	0.01	0.1	0.05	0.5
SA5090508	10	0.19	0.2	0.61	6.2	0.5	0.52	0.5	0.5	6.88	7	0.16	0.05	9.7	0.4	0.005	0.1	0.05	0.5
SA5090509	4	0.18	0.3	0.57	1.8	0.5	0.76	0.5	0.5	6.77	2.5	0.24	0.98	9.4	0.3	0.005	0.6	0.1	0.5
SA5090510	6	0.17	0.3	0.73	3.8	0.5	0.73	0.5	1	6.81	2.5	0.2	0.94	11.8	0.6	0.01	0.1	0.1	0.5
SA5090511	0.5	0.13	0.05	0.56	2	0.5	0.36	0.5	0.5	6.86	2.5	0.07	0.005	9.9	0.1	0.005	0.2	0.05	0.5
SA5090512	-9	0.1	0.5	0.86	15.6	0.5	0.87	0.5	0.5	6.76	8	0.22	1.45	13	0.8	0.01	0.1	0.05	0.5
SA5090513	8	0.19	0.6	0.62	3.4	0.5	0.54	0.5	0.5	6.88	2.5	0.16	0.005	10.1	0.1	0.005	0.1	0.05	0.5
SA5090514	7	0.12	0.6	0.87	2.1	0.5	0.97	0.5	0.5	6.99	2.5	0.22	0.83	13.3	0.3	0.005	0.4	0.2	1
SA5090515	7	0.08	0.9	0.97	32.7	0.5	1.02	0.5	0.5	7.06	6	0.28	1.68	17.6	0.5	0.005	0.1	0.05	0.5
SA5090516	0.5	0.11	0.05	0.48	5.1	0.5	0.36	0.5	0.5	6.78	2.5	0.04	0.04	6.6	0.05	0.005	0.1	0.05	0.5
SA5090517	2	0.12	0.5	0.62	4	0.5	0.64	0.5	0.5	6.84	2.5	0.2	0.53	10.5	0.2	0.01	0.1	0.2	0.5
SA5090518	9	0.18	0.5	0.93	12.9	0.5	0.97	0.5	1	7.08	2.5	0.27	1.25	17.1	0.2	0.005	0.1	0.05	0.5
SA5090519	7	0.14	0.5	0.87	1.3	0.5	0.96	0.5	0.5	7.03	2.5	0.33	0.92	16.1	0.2	0.005	0.1	0.05	1
SA5090520	6	0.11	0.5	1.12	4.8	0.5	1.01	5	0.5	7.14	17	0.33	2.64	17.3	0.4	0.005	0.1	0.05	8
SA5090521	8	0.1	0.9	1.03	32.5	0.5	0.96	0.5	0.5	7.15	2.5	0.25	2.2	19.6	0.3	0.005	0.1	0.05	0.5
SA5090522	7	0.14	0.2	0.94	5.5	0.5	0.92	1	0.5	7.09	2.5	0.25	1.5	17.8	0.2	0.005	0.3	0.1	0.5
SA5090523	0.5	0.18	0.5	0.52	1.4	0.5	0.62	0.5	0.5	6.56	2.5	0.22	0.98	7.6	0.3	0.005	0.1	0.05	0.5
SA5090524	0.5	0.11	0.3	0.84	6	0.5	0.82	0.5	0.5	6.88	2.5	0.2	0.66	12.5	0.1	0.005	0.1	0.1	0.5
SA5090525	0.5	0.15	0.2	0.57	5.2	0.5	0.61	0.5	0.5	6.8	5	0.18	0.42	9.7	0.1	0.005	0.1	0.05	0.5
SA5090526	8	0.19	0.6	0.55	8.7	0.5	0.53	0.5	0.5	6.85	2.5	0.14	0.26	9.7	0.2	0.01	0.1	0.2	0.5
SA5090527	9	0.16	0.3	0.56	17.7	0.5	0.46	0.5	0.5	6.82	5	0.15	0.29	9.1	0.4	0.005	0.2	0.1	0.5
SA5090528	0.5	0.11	0.5	1.13	5.7	0.5	0.83	0.5	0.5	7.04	2.5	0.28	1.81	14.3	0.3	0.005	0.3	0.2	1
SA5090529	1	0.26	0.2	0.89	3.2	0.5	0.74	0.5	0.5	7.07	2.5	0.33	1.23	13.6	0.2	0.005	0.1	0.05	0.5
SA5090530	6	0.23	0.3	0.56	9	0.5	0.52	0.5	0.5	6.87	2.5	0.15	0.31	9.4	0.2	0.005	0.1	0.1	2
SA5090531	7	0.09	0.2	0.88	7.3	0.5	0.87	2	0.5	7.03	2.5	0.22	1.67	15.2	0.3	0.005	0.3	0.05	2
SA5090532	7	0.09	0.4	0.82	13.2	0.5	0.9	0.5	0.5	6.94	2.5	0.2	2.08	13.5	0.5	0.005	0.1	0.05	0.5
SA5090533	12	0.17	0.5	1.12	5.2	0.5	0.96	1	0.5	7.22	2.5	0.33	1.91	19.6	0.2	0.04	0.1	0.05	2
SA5090534	0.5	0.14	0.7	0.79	7.5	0.5	0.76	3	0.5	6.93	2.5	0.26	1.74	13.5	0.2	0.005	0.1	0.05	5
SA5090535	0.5	0.06	0.5	0.15	6.4	0.5	0.19	0.5	0.5	5.26	2.5	0.08	0.1	0.9	0.05	0.005	0.1	0.1	1
SA5090536	6	0.24	0.05	0.74	5.7	0.5	1.17	0.5	0.5	6.9	2.5	0.23	1.23	11.6	0.3	0.01	0.1	0.2	0.5
SA5090537	6	0.24	0.3	0.63	5	0.5	0.53	0.5	0.5	6.89	2.5	0.16	0.005	9.7	0.3	0.005	0.1	0.05	0.5
SA5090538	8	0.12	0.5	0.72	5.9	0.5	0.7	4	0.5	6.89	2.5	0.18	0.53	12.5	0.3	0.005	0.1	0.05	0.5
SA5090539	6	0.2	0.3	0.61	7.3	0.5	0.5	1	0.5	6.92	2.5	0.17	0.08	9.6	0.05	0.01	0.1	0.05	0.5
SA5090540	0.5	0.08	0.3	0.72	4.2	0.5	0.65	7	0.5	6.9	2.5	0.18	0.24	11.4	0.2	0.005	0.1	0.1	0.5

Appendix 1 - Open File 023I/0101

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
SA5090541	2	0.15	0.4	0.7	4.2	0.5	0.49	0.5	0.5	6.82	5	0.14	0.1	10.5	0.2	0.005	0.1	0.05	0.5
SA5090542	6	0.17	0.2	0.7	6.8	0.5	0.76	0.5	0.5	6.87	2.5	0.23	0.53	11.7	0.3	0.005	0.1	0.05	0.5
SA5090543	5	0.18	0.3	0.62	8.3	0.5	0.55	5	0.5	6.9	2.5	0.17	0.09	9.3	0.05	0.005	0.1	0.05	0.5
SA5090544	0.5	0.18	0.5	0.6	2.8	0.5	0.48	1	0.5	6.71	2.5	0.11	0.16	7.3	0.2	0.005	0.1	0.2	0.5
SA5090545	0.5	0.1	0.4	0.75	7.6	0.5	0.51	0.5	0.5	6.54	2.5	0.09	0.38	7.6	0.2	0.005	0.3	0.05	0.5
SA5090546	0.5	0.08	0.1	0.52	4.6	0.5	0.61	0.5	0.5	6.49	6	0.14	0.36	8.5	0.5	0.005	0.1	0.2	0.5
SA5090547	0.5	0.14	0.5	0.69	5.7	0.5	0.82	0.5	0.5	6.79	2.5	0.15	1.46	11.2	0.1	0.005	0.1	0.2	0.5
SA5090548	0.5	0.09	0.6	0.64	4.7	0.5	0.77	0.5	0.5	6.8	2.5	0.21	1.51	11.4	0.4	0.01	0.1	0.2	0.5
SA5090549	0.5	0.17	0.05	0.55	3.9	0.5	0.59	0.5	0.5	6.7	2.5	0.17	0.62	8.3	0.3	0.01	0.1	0.1	0.5
SA5090550	0.5	0.2	0.2	0.58	6.3	0.5	0.61	0.5	0.5	6.72	2.5	0.16	0.62	8.7	0.3	0.005	0.1	0.05	0.5
SA5090551	1	0.2	0.05	0.65	2.8	0.5	0.7	0.5	0.5	6.72	6	0.2	0.65	9.7	0.3	0.01	0.1	0.05	0.5
SA5090552	0.5	0.12	0.7	0.81	3	0.5	0.86	2	0.5	6.93	2.5	0.26	1.61	17.2	0.4	0.01	0.1	0.2	0.5
SA5090553	1	0.15	0.4	0.65	2.3	0.5	0.68	0.5	0.5	6.77	2.5	0.2	0.89	9.9	0.3	0.01	0.1	0.1	0.5
SA5090554	1	0.13	0.05	0.64	2.7	0.5	0.67	0.5	0.5	6.82	2.5	0.2	1.11	11	0.3	0.005	0.2	0.1	0.5
SA5090555	0.5	0.11	0.2	0.77	4.2	0.5	0.81	0.5	0.5	6.75	2.5	0.2	1.7	13.5	0.4	0.005	0.1	0.05	0.5
SA5090556	4	0.15	0.2	0.59	5.7	0.5	0.49	0.5	0.5	6.87	2.5	0.17	0.25	9.7	0.2	0.005	0.1	0.05	0.5
SA5090557	-9	0.14	0.6	0.74	9.7	0.5	0.91	0.5	0.5	6.92	2.5	0.26	2.29	13.5	0.5	0.005	0.1	0.2	0.5
SA5090558	1	0.11	0.5	0.79	14.9	0.5	1.02	0.5	0.5	6.97	2.5	0.35	2.63	16.8	0.5	0.005	0.1	0.05	1
SA5090559	0.5	0.07	0.05	0.55	3	0.5	0.72	0.5	0.5	6.55	2.5	0.14	1.31	11	0.3	0.005	0.1	0.1	0.5
SA5090560	0.5	0.1	0.5	0.5	3.7	0.5	0.62	0.5	0.5	6.46	2.5	0.13	0.3	8.8	0.3	0.005	0.1	0.1	0.5
SA5090561	0.5	0.06	0.3	0.59	7.1	0.5	0.71	3	0.5	6.69	2.5	0.21	1.78	11.4	0.5	0.005	0.1	0.05	0.5
SA5090562	0.5	0.11	0.3	0.73	11.5	0.5	0.79	0.5	0.5	6.84	2.5	0.23	1.64	15.8	0.4	0.005	0.1	0.2	0.5
SA5090563	3	0.1	0.2	0.54	3.7	0.5	0.83	0.5	1	6.81	2.5	0.24	1.99	12.9	0.4	0.005	0.1	0.05	0.5
SA5090564	2	0.16	0.3	0.64	3.1	0.5	0.95	0.5	0.5	6.92	2.5	0.24	2.19	14.7	0.4	0.005	0.1	0.05	0.5
SA5090565	-9	0.16	0.1	0.42	1	0.5	0.53	0.5	0.5	-9	2.5	0.15	0.22	6.7	0.2	0.005	0.1	0.05	2
SA5090566	5	0.16	0.3	0.69	1	0.5	0.96	0.5	0.5	7	2.5	0.25	1.77	15.3	0.2	0.005	0.4	0.05	1
SA5090567	2	0.12	0.3	0.58	3.2	0.5	0.72	0.5	0.5	6.83	2.5	0.17	0.73	11.6	0.3	0.005	0.1	0.05	0.5
SA5090568	27	0.16	0.4	0.69	2.4	0.5	0.9	0.5	0.5	6.93	7	0.28	1.56	11.9	0.3	0.005	0.1	0.05	0.5
SA5090569	31	0.26	0.05	0.69	2.1	0.5	0.72	0.5	0.5	7	5	0.32	0.3	11.1	0.3	0.005	0.1	0.05	1
SA5090570	18	0.24	0.3	0.92	1.3	0.5	0.69	0.5	0.5	7.08	2.5	0.32	0.76	13.9	0.2	0.01	0.1	0.05	0.5
SA5090571	21	0.09	0.3	0.71	3.9	0.5	0.81	0.5	0.5	6.9	2.5	0.26	0.94	12.8	0.4	0.01	0.1	0.05	0.5
SA5090572	14	0.18	0.3	0.58	1.7	0.5	0.65	0.5	0.5	6.77	2.5	0.22	0.29	9.4	0.2	0.005	0.3	0.3	0.5
SA5090573	8	0.1	0.5	0.73	9.4	0.5	0.78	1	0.5	6.77	2.5	0.21	1.25	12.3	0.4	0.005	0.1	0.05	0.5
SA5090574	22	0.12	0.2	0.68	4.1	0.5	0.76	0.5	0.5	6.78	2.5	0.18	0.42	11.6	0.4	0.005	0.1	0.05	0.5
SA5090575	23	0.12	0.4	0.7	2.8	0.5	0.88	0.5	0.5	6.93	6	0.29	1.67	11.6	0.4	0.005	0.1	0.05	0.5
SA5090576	2	0.07	0.5	0.76	3.4	0.5	0.77	0.5	0.5	6.86	2.5	0.23	0.81	12.4	0.3	0.005	0.1	0.2	0.5
SA5090577	8	0.09	0.2	0.98	16.3	0.5	0.99	0.5	0.5	6.84	2.5	0.27	3.12	15.5	0.4	0.005	0.1	0.2	0.5
SA5090578	7	0.1	0.5	0.71	9.1	0.5	0.67	0.5	0.5	6.88	2.5	0.19	1.8	12.4	0.5	0.005	0.1	0.05	0.5
SA5090579	10	0.11	0.2	0.72	12.6	0.5	0.7	0.5	0.5	6.91	2.5	0.18	0.79	13.1	0.2	0.005	0.1	0.05	0.5
SA5090580	6	0.12	0.5	0.85	21.8	0.5	0.73	0.5	0.5	6.81	2.5	0.18	1.77	15.1	0.5	0.005	0.1	0.05	0.5
SA5090581	3	0.18	0.05	0.75	4.1	0.5	0.72	0.5	0.5	6.84	2.5	0.18	0.81	11.2	0.3	0.005	0.6	0.05	0.5
SA5090582	7	0.12	0.05	0.61	3.5	0.5	0.58	0.5	0.5	6.73	8	0.22	0.67	9.5	0.2	0.005	0.1	0.05	1
SA5090583	4	0.13	0.6	0.62	3.7	0.5	0.66	0.5	0.5	6.81	2.5	0.18	1.34	11.1	0.3	0.01	0.3	0.2	2
SA5090584	13	0.2	0.3	0.73	11.3	0.5	0.8	0.5	0.5	6.96	6	0.27	0.55	12.6	0.3	0.005	0.1	0.05	0.5
SA5090585	12	0.25	0.3	0.67	2.3	0.5	0.63	0.5	0.5	6.95	9	0.28	0.07	11.3	0.2	0.005	0.1	0.05	0.5
SA5090586	11	0.17	0.2	0.56	3.4	0.5	0.64	0.5	0.5	6.92	2.5	0.21	0.27	9.2	0.2	0.01	0.1	0.05	0.5
SA5090587	11	0.27	0.2	0.72	3.5	0.5	0.68	0.5	0.5	7.05	2.5	0.27	1.22	12.9	0.2	0.01	0.1	0.05	0.5
SA5090588	11	0.22	0.3	0.71	3.2	0.5	0.67	0.5	0.5	7.05	2.5	0.26	1.24	13.1	0.2	0.01	0.1	0.05	0.5
SA5090589	14	0.42	0.2	0.75	2	0.5	0.77	0.5	0.5	7.05	22	0.26	0.82	13.8	0.2	0.01	0.1	0.05	0.5
SA5090590	21	0.18	0.5	0.72	0.8	0.5	0.71	0.5	0.5	6.99	2.5	0.27	1.36	11.8	0.2	0.01	0.1	0.05	0.5
SA5090591	9	0.1	0.1	0.68	5.4	0.5	0.63	0.5	0.5	6.8	7	0.23	1.39	10.4	0.5	0.005	0.1	0.05	2
SA5090592	15	0.11	0.6	0.6	3.3	0.5	0.81	1	0.5	6.92	8	0.25	1.93	14.2	0.2	0.005	0.1	0.05	5
SA5090593	35	0.14	0.3	0.7	2.9	0.5	0.75	1	0.5	7.03	2.5	0.27	1.91	15.4	0.4	0.005	0.1	0.2	1
SA5090594	28	0.25	0.2	0.71	2.9	0.5	0.8	0.5	0.5	7.05	10	0.29	2.1	15.3	0.3	0.005	0.1	0.05	4
SA5090595	28	0.16	0.05	0.51	1.8	0.5	0.67	0.5	0.5	6.79	2.5	0.25	1.34	10.7	0.3	0.005	0.1	0.2	0.5
SA5090596	21	0.08	0.05	0.59	8.6	0.5	0.75	0.5	0.5	6.8	2.5	0.22	1.81	13	0.4	0.005	0.1	0.05	0.5
SA5090597	1	0.06	0.5	0.41	7.7	0.5	0.43	0.5	0.5	6.58	2.5	0.07	1.11	10.9	0.2	0.005	0.1	0.05	1
SA5090598	40	0.14	0.4	0.49	1.2	0.5	0.55	0.5	0.5	6.86	2.5	0.24	1.03	10.4	0.3	0.01	0.1	0.05	0.5
SA5090599	35	0.13	0.1	0.48	1.5	0.5	0.58	0.5	0.5	6.87	2.5	0.24	1.19	10.8	0.3	0.01	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090600	8	0.16	0.3	0.57	0.25	0.5	0.59	0.5	0.5	6.84	2.5	0.23	0.45	9.7	0.1	0.005	0.1	0.05	0.5
SA5090601	28	0.12	0.1	0.47	1.4	0.5	0.54	0.5	0.5	6.85	2.5	0.23	1.21	10.5	0.2	0.01	0.1	0.05	0.5
SA5090602	7	0.11	0.05	0.33	1.6	0.5	0.49	0.5	0.5	6.56	2.5	0.15	0.72	8.4	0.4	0.005	0.4	0.1	0.5
SA5090603	23	0.12	0.1	0.41	3.9	0.5	0.42	0.5	0.5	6.76	2.5	0.2	1.07	9.8	0.3	0.005	0.3	0.05	0.5
SA5090604	20	0.11	0.05	0.48	1.5	0.5	0.55	0.5	0.5	6.74	2.5	0.23	1.57	9.7	0.4	0.005	0.1	0.05	0.5
SA5090605	2	0.07	0.2	0.68	3.3	0.5	0.51	0.5	0.5	6.63	2.5	0.2	1	12.9	0.4	0.01	0.1	0.1	5
SA5090606	22	0.16	0.5	0.45	5.8	0.5	0.42	0.5	0.5	6.79	2.5	0.2	1.12	9.9	0.4	0.005	0.1	0.05	0.5
SA5090607	5	0.13	0.05	0.44	2	0.5	0.46	0.5	0.5	6.71	2.5	0.18	0.98	9.1	0.3	0.005	0.1	0.2	0.5
SA5090608	0.5	0.09	0.05	0.61	2.8	0.5	0.7	0.5	0.5	6.92	2.5	0.28	2.77	16.8	0.4	0.005	0.1	0.05	0.5
SA5090609	6	0.08	0.4	0.62	3.1	0.5	0.72	0.5	1	6.95	2.5	0.26	2.59	16.4	0.4	0.01	0.3	0.1	0.5
SA5090610	5	0.09	0.4	0.51	2.4	0.5	0.63	0.5	0.5	6.86	2.5	0.24	1.82	13.3	0.4	0.005	0.1	0.05	0.5
SA5090611	6	0.16	0.2	0.45	9.6	0.5	0.55	0.5	0.5	6.82	2.5	0.25	1.16	11.6	0.3	0.005	0.1	0.2	0.5
SA5090612	14	0.15	0.3	0.5	1.4	0.5	0.53	0.5	0.5	6.88	2.5	0.26	1.1	11	0.1	0.005	0.1	0.05	0.5
SA5090613	21	0.15	0.1	0.49	1.3	0.5	0.51	0.5	0.5	6.67	2.5	0.19	1.18	10.3	0.1	0.005	0.1	0.05	0.5
SA5090614	10	0.16	0.1	0.43	2.2	0.5	0.49	0.5	0.5	6.78	2.5	0.18	0.77	10.1	0.1	0.005	0.1	0.05	0.5
SA5090615	0.5	0.15	0.2	0.49	6.1	0.5	0.59	0.5	0.5	6.75	2.5	0.19	2.04	13.1	0.3	0.005	0.4	0.05	0.5
SA5090616	17	0.12	0.2	0.63	2.3	0.5	0.66	0.5	0.5	6.86	2.5	0.26	1.97	14.7	0.4	0.01	0.1	0.05	0.5
SA5090617	26	0.09	0.2	0.45	1.7	0.5	0.57	0.5	0.5	6.75	2.5	0.23	1.25	8.9	0.1	0.01	0.1	0.2	0.5
SA5090618	11	0.07	0.5	0.68	4.9	0.5	0.68	0.5	0.5	6.97	2.5	0.2	2.63	16.2	0.3	0.005	0.1	0.05	0.5
SA5090619	12	0.14	0.3	0.64	1.7	0.5	0.56	0.5	0.5	6.94	2.5	0.27	1.14	11.3	0.2	0.005	0.1	0.05	5
SA5090620	9	0.21	0.5	0.65	0.8	0.5	0.62	0.5	0.5	7.02	2.5	0.27	1.29	11.9	0.2	0.005	0.1	0.1	0.5
SA5090621	2	0.19	0.2	0.59	1.1	0.5	0.52	0.5	0.5	6.86	2.5	0.21	0.86	9.5	0.1	0.005	0.1	0.2	0.5
SA5090622	14	0.15	0.3	0.64	4.3	0.5	0.66	0.5	0.5	6.74	2.5	0.21	1.69	11.6	0.4	0.005	0.4	0.05	0.5
SA5090623	11	0.06	0.3	0.74	6.3	0.5	0.66	0.5	0.5	6.87	2.5	0.2	2.12	16.2	0.4	0.005	0.1	0.1	0.5
SA5090624	10	0.22	0.4	0.76	3.6	0.5	0.57	0.5	0.5	7.04	2.5	0.26	1.32	14	0.3	0.005	0.1	0.05	0.5
SA5090625	12	0.23	0.8	0.76	3.5	0.5	0.59	0.5	0.5	7.03	2.5	0.26	1.26	13.7	0.3	0.005	0.1	0.05	0.5
SA5090626	15	0.17	0.1	0.59	2.4	0.5	0.59	0.5	0.5	6.8	2.5	0.19	0.83	8.5	0.3	0.005	0.1	0.05	4
SA5090627	8	0.14	0.6	0.42	2.1	0.5	0.33	0.5	0.5	6.62	2.5	0.14	0.26	7.1	0.1	0.005	0.1	0.05	0.5
SA5090628	2	0.18	0.2	0.75	5	0.5	0.52	0.5	0.5	6.9	2.5	0.2	1.11	12.3	0.3	0.005	0.1	0.05	0.5
SA5090629	4	0.17	0.4	0.99	12	0.5	0.69	0.5	0.5	7.03	10	0.25	2.08	15	0.5	0.005	0.1	0.05	3
SA5090630	10	0.19	0.2	0.59	1.9	0.5	0.55	0.5	0.5	6.96	2.5	0.23	0.74	10.2	0.2	0.005	0.1	0.2	0.5
SA5090631	10	0.25	0.5	0.69	5.3	0.5	0.45	0.5	0.5	6.92	7	0.17	0.33	9.6	0.2	0.005	0.1	0.05	0.5
SA5090632	12	0.19	0.3	0.59	5.8	0.5	0.48	0.5	0.5	6.83	2.5	0.19	0.53	9.9	0.3	0.005	0.1	0.05	0.5
SA5090633	13	0.15	0.2	0.61	5.5	0.5	0.48	0.5	0.5	6.83	2.5	0.19	0.66	10.2	0.4	0.005	0.1	0.05	0.5
SA5090634	14	0.15	0.6	0.98	8.2	0.5	0.6	0.5	0.5	6.96	2.5	0.2	1.95	17	0.3	0.005	0.1	0.1	0.5
SA5090635	10	0.16	0.2	0.66	10.1	0.5	0.41	0.5	0.5	6.86	2.5	0.17	0.67	10.9	0.2	0.005	0.1	0.05	0.5
SA5090636	11	0.32	0.6	0.57	3.4	0.5	0.26	0.5	0.5	7.07	6	0.06	1.12	12.1	0.1	0.005	0.1	0.05	2
SA5090637	12	0.06	0.3	0.4	1.5	0.5	0.09	0.5	0.5	6.87	2.5	0.04	1.08	8.3	0.1	0.005	0.1	0.05	0.5
SA5090638	24	0.14	0.3	0.61	1.3	0.5	0.19	0.5	0.5	7.01	2.5	0.06	0.81	13.2	0.3	0.005	0.1	0.2	0.5
SA5090639	7	0.25	0.1	0.68	5.2	0.5	0.45	0.5	0.5	6.92	6	0.17	0.34	9.4	0.2	0.005	0.1	0.2	0.5
SA5090640	25	0.17	0.2	0.57	7.7	0.5	0.35	0.5	0.5	6.89	2.5	0.15	0.53	11.9	0.4	0.005	0.3	0.3	0.5
SA5090641	35	0.21	0.5	0.69	9	0.5	0.32	0.5	0.5	7.05	2.5	0.1	0.74	12.6	0.1	0.005	0.1	0.05	0.5
SA5090642	25	0.17	0.3	0.57	2	0.5	0.42	0.5	0.5	6.9	2.5	0.15	0.58	12	0.3	0.005	0.1	0.05	1
SA5090643	58	0.1	0.6	0.45	1.5	0.5	0.44	0.5	0.5	6.77	2.5	0.1	0.46	10.7	0.3	0.005	0.1	0.05	0.5
SA5090644	36	0.08	0.6	0.39	1.5	0.5	0.34	0.5	0.5	6.64	2.5	0.12	0.59	9.3	0.2	0.005	0.5	0.05	1
SA5090645	38	0.18	0.1	0.64	1.2	0.5	0.58	0.5	0.5	6.88	2.5	0.2	0.76	13.7	0.2	0.005	0.1	0.3	1
SA5090646	40	0.13	0.8	0.69	2.7	0.5	0.61	0.5	0.5	6.89	5	0.25	1.41	13.3	0.1	0.02	0.1	0.2	1
SA5090647	16	0.09	0.5	0.53	2.7	0.5	0.45	0.5	0.5	6.71	2.5	0.18	1.19	11.9	0.3	0.005	0.1	0.2	2
SA5090648	7	0.08	0.1	0.39	5	0.5	0.3	0.5	0.5	6.69	2.5	0.13	0.72	10.7	0.2	0.005	0.1	0.3	1
SA5090649	11	0.07	0.2	0.36	1.7	0.5	0.26	0.5	0.5	6.55	2.5	0.14	0.23	9.5	0.05	0.01	0.4	0.4	2
SA5090650	22	0.11	0.05	0.43	1.5	0.5	0.49	1	0.5	6.79	2.5	0.23	1.27	13.3	0.2	0.01	0.1	0.1	1
SA5090651	82	0.16	0.05	0.71	0.7	0.5	0.59	0.5	0.5	7.12	2.5	0.33	1.56	15	0.1	0.01	0.3	0.2	2
SA5090652	139	0.21	0.7	0.5	0.8	0.5	0.54	0.5	0.5	7.13	2.5	0.36	1.67	13.3	0.2	0.02	0.7	0.05	2
SA5090653	132	0.18	0.05	0.52	1.3	0.5	0.57	0.5	0.5	7.09	2.5	0.29	1.64	11.9	0.2	0.01	0.4	0.3	0.5
SA5090654	23	0.12	0.9	0.2	2.1	0.5	0.28	0.5	0.5	6.58	2.5	0.16	0.57	5	0.1	0.005	0.1	0.3	2
SA5090655	47	0.15	1.3	0.37	0.25	0.5	0.41	0.5	0.5	7.01	2.5	0.19	0.88	8.3	0.05	0.005	0.1	0.05	1
SA5090656	87	0.18	0.6	0.72	2.3	0.5	0.67	0.5	0.5	7.11	2.5	0.35	1.83	11.8	0.2	0.04	0.1	0.05	1
SA5090657	139	0.2	0.4	0.48	0.25	0.5	0.5	0.5	0.5	7.12	2.5	0.35	1.74	12.8	0.4	0.04	0.1	0.5	2
SA5090658	186	0.18	0.2	0.34	0.9	0.5	0.42	0.5	0.5	6.99	2.5	0.27	1.48	9.1	0.1	0.02	0.1	0.05	1

Appendix 1 - Open File 023I/0101

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
SA5090659	104	0.18	0.1	0.5	0.9	0.5	0.49	0.5	0.5	7.1	2.5	0.33	1.41	12.9	0.05	0.01	0.3	0.3	1
SA5090660	7	0.24	0.05	0.25	1.8	0.5	0.26	0.5	0.5	6.78	2.5	0.18	0.39	6.4	0.4	0.01	0.1	0.3	2
SA5090661	1	0.16	0.05	0.32	5.8	0.5	0.29	0.5	0.5	6.31	2.5	0.15	0.54	9.6	0.6	0.005	0.1	0.3	2
SA5090662	38	0.09	0.6	0.56	4	0.5	0.55	0.5	0.5	6.82	2.5	0.19	1.55	13.8	0.3	0.01	0.1	0.3	1
SA5090663	36	0.1	0.05	0.43	2.8	0.5	0.38	0.5	0.5	6.65	2.5	0.13	0.32	10.3	0.3	0.01	0.1	0.3	1
SA5090664	3	0.09	0.4	0.24	3.3	0.5	0.29	0.5	0.5	6.18	2.5	0.14	0.22	5.4	0.2	0.01	0.1	0.3	1
SA5090665	28	0.13	0.4	0.55	6.6	0.5	0.48	0.5	0.5	6.87	2.5	0.14	0.54	12.5	0.1	0.005	0.1	0.1	1
SA5090666	0.5	0.13	0.05	0.25	2.8	0.5	0.09	0.5	0.5	6.64	2.5	0.05	0.09	4.2	0.2	0.005	0.1	0.2	0.5
SA5090667	45	0.06	0.2	0.55	5.3	0.5	0.24	0.5	0.5	6.84	6	0.07	0.5	13.3	0.1	0.005	0.2	0.3	1
SA5090668	15	0.11	0.6	0.52	2.1	0.5	0.26	0.5	0.5	6.83	2.5	0.08	0.49	11.6	0.2	0.01	0.4	0.2	2
SA5090669	20	0.1	0.5	0.45	5.3	1	0.42	0.5	0.5	6.74	2.5	0.13	0.54	11.2	0.6	0.02	0.1	0.5	2
SA5090670	13	0.08	0.1	0.44	3.7	0.5	0.45	0.5	0.5	6.72	2.5	0.13	0.49	10.8	0.4	0.01	0.1	0.2	2
SA5090671	24	0.09	0.1	0.43	2.9	0.5	0.49	0.5	0.5	6.83	2.5	0.13	0.37	11.8	0.5	0.005	0.1	0.1	2
SA5090672	0.5	0.09	0.3	0.35	1.9	0.5	0.41	0.5	0.5	6.65	2.5	0.13	0.56	9.8	0.3	0.005	0.1	0.2	1
SA5090673	5	0.11	0.5	0.4	4.1	0.5	0.41	0.5	0.5	6.65	2.5	0.14	0.4	9.8	0.4	0.005	0.1	0.5	5
SA5090674	12	0.07	0.4	0.37	4.9	0.5	0.41	0.5	0.5	6.3	2.5	0.12	0.41	9	0.4	0.005	0.1	0.4	2
SA5090675	0.5	0.13	0.3	0.3	1	0.5	0.43	0.5	0.5	6.39	2.5	0.19	0.08	7.6	0.2	0.005	0.1	0.3	1
SA5090676	87	0.08	0.3	0.34	1.6	0.5	0.43	0.5	0.5	6.53	2.5	0.26	0.35	7	0.2	0.005	0.1	0.1	0.5
SA5090677	112	0.11	0.05	0.31	0.8	0.5	0.39	0.5	0.5	6.68	2.5	0.3	0.25	8.6	0.3	0.005	0.1	0.3	1
SA5090678	5	0.06	0.3	0.24	2.9	0.5	0.29	0.5	0.5	6.22	2.5	0.13	0.22	5.6	0.2	0.005	0.1	0.4	2
SA5090679	54	0.13	0.2	0.33	1.9	0.5	0.47	0.5	0.5	6.82	2.5	0.21	0.9	9	0.1	0.005	0.1	0.3	0.5
SA5090680	24	0.06	0.6	0.43	6.2	0.5	0.43	0.5	0.5	6.84	5	0.16	1	14.3	0.5	0.01	0.1	0.2	2
SA5090681	20	0.13	0.3	0.4	2.3	0.5	0.47	0.5	0.5	6.69	2.5	0.16	0.41	10.8	0.3	0.01	0.1	0.4	2
SA5090682	0.5	0.03	0.5	0.32	6.8	0.5	0.29	0.5	0.5	6.67	2.5	0.06	0.86	12.5	0.1	0.005	0.1	0.2	2
SA5090683	22	0.12	0.2	0.52	8.9	0.5	0.46	0.5	0.5	6.87	2.5	0.13	0.66	12	0.3	0.005	0.1	0.05	2
SA5090684	24	0.08	0.3	0.48	5.3	0.5	0.43	0.5	0.5	6.9	2.5	0.12	0.53	15.6	0.2	0.005	0.1	0.4	1
SA5090685	17	0.07	0.4	0.55	3.9	0.5	0.37	0.5	0.5	6.93	2.5	0.09	0.48	14.6	0.2	0.005	0.1	0.2	1
SA5090686	24	0.1	0.6	0.4	2.3	0.5	0.47	0.5	0.5	6.68	2.5	0.16	0.37	10.6	0.2	0.01	0.1	0.05	2
SA5090687	7	0.08	0.3	0.32	5.3	0.5	0.27	0.5	5	6.28	2.5	0.11	0.1	7.6	0.7	0.005	0.1	0.4	2
SA5090688	17	0.06	0.7	0.42	1.8	0.5	0.3	0.5	0.5	6.8	5	0.06	0.2	12.4	0.3	0.005	0.1	0.3	2
SA5090689	15	0.09	1.1	0.75	12	0.5	0.39	0.5	0.5	7.16	17	0.07	1.35	19.4	0.05	0.005	0.1	0.05	1
SA5090690	15	0.12	0.1	0.46	1.7	0.5	0.31	0.5	0.5	6.96	20	0.07	0.94	10.4	0.1	0.005	0.1	0.3	4
SA5090691	17	0.16	0.5	0.68	13.9	0.5	0.44	0.5	0.5	7.04	10	0.11	0.43	15	0.05	0.005	0.1	0.1	3
SA5090692	15	0.16	0.3	0.65	7.8	0.5	0.45	0.5	0.5	7.03	9	0.11	0.42	14	0.2	0.005	0.1	0.4	3
SA5090693	12	0.08	0.05	0.36	3	0.5	0.28	0.5	0.5	6.7	2.5	0.09	0.44	9.1	0.3	0.005	0.1	0.2	2
SA5090694	27	0.11	0.8	0.48	8.8	0.5	0.49	0.5	0.5	6.8	2.5	0.14	0.59	12	0.2	0.005	0.1	0.3	2
SA5090695	28	0.13	0.2	0.57	10.6	0.5	0.51	0.5	0.5	6.92	2.5	0.13	0.66	13	0.1	0.005	0.1	0.4	1
SA5090696	17	0.05	0.4	0.44	2.4	0.5	0.53	0.5	0.5	6.4	2.5	0.11	0.96	10.2	0.4	0.005	0.1	0.4	2
SA5090697	27	0.1	0.4	0.37	2.3	0.5	0.38	0.5	0.5	6.7	2.5	0.14	0.3	12.9	0.3	0.005	0.1	0.3	2
SA5090698	40	0.12	0.05	0.37	1.2	0.5	0.5	0.5	0.5	6.68	2.5	0.2	0.36	10.8	0.2	0.01	0.1	0.3	2
SA5090699	8	0.1	0.7	0.48	7.1	0.5	0.53	0.5	0.5	6.81	11	0.15	1.06	12.9	0.3	0.01	0.1	0.2	3
SA5090700	23	0.06	0.3	0.5	6.9	0.5	0.5	0.5	0.5	6.78	9	0.16	1.44	14.4	0.4	0.01	0.1	0.1	3
SA5090701	107	0.12	0.5	0.48	0.25	0.5	0.54	0.5	0.5	6.97	5	0.31	1.06	10.5	0.05	0.005	0.1	0.2	2
SA5090702	34	0.1	0.6	0.37	1.5	0.5	0.58	0.5	0.5	6.9	2.5	0.21	1.24	10.4	0.2	0.02	0.1	0.2	1
SA5090703	30	0.16	0.2	0.39	1	0.5	0.53	0.5	0.5	6.75	6	0.17	1.36	9.6	0.3	0.03	0.1	0.2	2
SA5090704	20	0.1	0.6	0.33	0.7	0.5	0.41	0.5	0.5	6.75	2.5	0.17	0.72	8.1	0.2	0.02	0.1	0.1	2
SA5090705	3	0.09	0.2	0.18	1.2	0.5	0.35	0.5	0.5	6.55	2.5	0.16	0.33	4.9	0.1	0.005	0.7	0.4	3
SA5090706	12	0.07	0.1	0.24	3.6	0.5	0.29	0.5	0.5	6.33	2.5	0.11	0.2	5.8	0.2	0.005	0.1	0.2	1
SA5090707	74	0.18	0.3	0.41	2.4	0.5	0.48	0.5	0.5	6.93	2.5	0.27	0.91	11	0.3	0.02	0.1	0.05	1
SA5090708	0.5	0.07	0.05	0.51	5.3	0.5	0.53	0.5	0.5	6.7	2.5	0.16	1.49	14	0.4	0.01	0.1	0.2	1
SA5090709	24	0.12	0.2	0.53	21.3	0.5	0.45	0.5	0.5	6.86	2.5	0.13	0.69	12.1	0.2	0.005	0.1	0.1	2
SA5090710	6	0.16	0.2	0.37	1.5	0.5	0.54	0.5	0.5	6.56	2.5	0.17	0.35	9	0.1	0.01	0.1	0.05	2
SA5090711	0.5	0.04	0.05	0.4	3.8	0.5	0.52	0.5	0.5	6.65	2.5	0.16	1.03	11.1	0.3	0.02	0.1	0.2	1
SA5090712	12	0.06	0.05	0.43	6.2	0.5	0.45	0.5	0.5	6.72	2.5	0.15	1.1	11.8	0.4	0.01	0.1	0.2	1
SA5090713	71	0.1	0.2	0.53	3	0.5	0.45	0.5	0.5	6.9	2.5	0.26	0.74	15	0.2	0.01	0.3	0.2	2
SA5090714	30	0.1	0.2	0.29	1	0.5	0.38	0.5	0.5	6.63	2.5	0.15	0.04	8.1	0.1	0.005	0.1	0.4	1
SA5090715	104	0.11	0.3	0.36	0.7	0.5	0.39	0.5	0.5	6.9	2.5	0.28	0.77	9	0.2	0.02	0.1	0.3	2
SA5090716	38	0.07	0.05	0.3	1.5	0.5	0.39	0.5	0.5	6.82	2.5	0.17	1.07	8	0.2	0.02	0.1	0.3	0.5
SA5090717	28	0.12	0.1	0.29	1.6	0.5	0.37	0.5	0.5	6.65	2.5	0.15	0.07	8.2	0.2	0.005	0.1	0.3	1

Appendix 1 - Open File 023I/0101

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
SA5090718	46	0.15	0.3	0.27	0.7	0.5	0.36	0.5	0.5	6.81	2.5	0.2	0.61	5.7	0.1	0.01	0.1	0.2	0.5
SA5090719	73	0.03	0.05	0.2	1.8	0.5	0.2	0.5	0.5	6.62	2.5	0.12	0.12	6.7	0.2	0.005	0.1	0.2	2
SA5090720	20	0.09	0.3	0.22	1.3	0.5	0.27	0.5	0.5	6.47	2.5	0.11	0.18	6.9	0.2	0.005	0.1	0.4	2
SA5090721	92	0.17	0.6	0.44	2.8	0.5	0.5	0.5	0.5	6.9	2.5	0.29	1.13	11.7	0.3	0.01	0.1	0.3	1
SA5090722	0.5	0.16	0.1	0.43	2.6	0.5	0.52	0.5	0.5	6.72	2.5	0.21	0.63	10.9	0.4	0.01	0.1	0.3	1
SA5090723	14	0.07	0.2	0.37	2.9	0.5	0.35	0.5	0.5	6.72	2.5	0.17	0.36	10	0.2	0.005	0.1	0.3	2
SA5090724	9	0.14	0.2	0.38	1.8	0.5	0.43	0.5	0.5	6.66	2.5	0.22	0.47	10.4	0.4	0.02	0.1	0.4	1
SA5090725	0.5	0.06	0.4	0.4	2	0.5	0.36	0.5	0.5	6.72	2.5	0.13	0.47	9.4	0.2	0.005	0.1	0.3	1
SA5090726	0.5	0.08	0.3	0.48	2.8	0.5	0.56	0.5	0.5	6.69	2.5	0.22	1.26	12.5	0.7	0.02	0.1	0.3	1
SA5090727	9	0.14	0.3	0.42	1.8	0.5	0.42	0.5	0.5	6.65	2.5	0.17	0.66	10.6	0.4	0.02	0.1	0.2	1
SA5090728	0.5	0.11	0.7	0.4	2.6	0.5	0.41	0.5	0.5	6.62	2.5	0.15	0.48	9.8	0.4	0.005	0.1	0.2	1
SA5090729	0.5	0.06	0.05	0.46	3.7	0.5	0.55	0.5	0.5	6.66	2.5	0.21	1.65	12.1	0.6	0.01	0.6	0.3	1
SA5090730	9	0.11	0.5	1.09	9.4	0.5	0.81	0.5	0.5	7.15	9	0.36	1.99	19.5	0.4	0.005	0.1	0.2	1
SA5090731	4	0.18	0.5	0.86	1.5	0.5	0.71	0.5	0.5	7.12	2.5	0.32	2.49	13.8	0.4	0.005	0.1	0.05	1
SA5090732	0.5	0.08	0.05	0.06	1.6	0.5	0.09	0.5	0.5	5.7	2.5	0.08	0.21	1.2	0.1	0.005	0.1	0.2	2
SA5090733	18	0.13	0.05	0.39	1.9	0.5	0.39	0.5	0.5	6.73	2.5	0.22	0.51	10.4	0.6	0.02	0.1	0.3	1
SA5090734	0.5	0.1	0.05	0.73	6.9	0.5	0.4	0.5	0.5	6.82	8	0.15	0.44	14.2	0.3	0.005	0.1	0.3	1
SA5090735	0.5	0.14	0.2	0.61	1.8	0.5	0.5	0.5	0.5	6.9	2.5	0.23	0.65	12.2	0.2	0.005	0.1	0.4	1
SA5090736	7	0.08	0.4	0.84	0.25	0.5	0.89	0.5	0.5	7.05	2.5	0.27	1.29	13.9	0.05	0.005	0.1	0.1	0.5
SA5090737	1	0.2	0.8	0.61	2.1	0.5	0.55	0.5	0.5	6.82	2.5	0.27	0.57	11.2	0.3	0.005	0.1	0.3	1
SA5090738	0.5	0.15	0.4	0.61	3.4	0.5	0.55	0.5	3	6.77	2.5	0.26	0.72	11.1	0.5	0.01	0.1	0.2	2
SA5090739	4	0.1	0.05	0.71	10.4	0.5	0.6	0.5	0.5	6.87	2.5	0.21	0.82	12.8	0.3	0.005	0.1	0.05	0.5
SA5090740	4	0.12	0.3	0.72	12.8	0.5	0.59	2	0.5	6.87	2.5	0.2	1.01	13.5	0.3	0.01	0.1	0.1	1
SA5090741	0.5	0.16	0.05	0.48	2.8	0.5	0.39	0.5	0.5	6.65	2.5	0.15	0.33	9.4	0.5	0.005	0.1	0.3	2
SA5090742	0.5	0.05	0.4	0.83	9.3	0.5	0.59	0.5	0.5	6.92	2.5	0.17	1.56	20.7	0.4	0.005	0.1	0.3	2
SA5090743	23	0.28	0.1	0.84	3.2	0.5	0.58	0.5	0.5	7.17	6	0.17	1.15	14.6	0.2	0.005	0.1	0.3	1
SA5090744	0.5	0.13	0.05	0.48	3.4	0.5	0.4	0.5	0.5	6.57	2.5	0.14	0.32	9.4	0.3	0.005	0.1	0.2	1
SA5090745	0.5	0.1	0.3	0.43	2.8	0.5	0.41	2	0.5	6.6	2.5	0.13	0.39	8.2	0.3	0.005	0.1	0.05	1
SA5090746	0.5	0.13	0.2	0.48	2.3	0.5	0.44	0.5	0.5	6.6	2.5	0.16	0.34	9.4	0.3	0.005	0.1	0.2	1
SA5090747	31	0.02	0.2	0.47	4.9	0.5	0.44	0.5	0.5	6.77	2.5	0.13	0.58	11.7	0.1	0.005	0.1	0.05	1
SA5090748	24	0.09	0.7	0.57	3.7	0.5	0.58	0.5	0.5	6.82	2.5	0.24	1.82	16.1	0.4	0.02	0.1	0.2	2
SA5090749	93	0.13	0.3	0.44	1.4	0.5	0.51	0.5	0.5	7.01	2.5	0.29	1.06	12	0.1	0.01	0.1	0.2	2
SA5090750	116	0.05	0.3	0.46	1.6	1	0.58	0.5	1	7.01	2.5	0.24	1.26	13.8	0.2	0.005	0.1	0.3	1
SA5090751	95	0.16	0.3	0.38	0.25	0.5	0.57	0.5	0.5	6.99	2.5	0.28	1.68	12.4	0.05	0.03	0.1	0.2	1
SA5090752	25	0.11	0.05	0.18	0.5	0.5	0.34	0.5	0.5	7.03	2.5	0.14	0.38	4.4	0.2	0.005	0.1	0.2	2
SA5090753	136	0.06	0.7	0.51	0.8	0.5	0.67	0.5	0.5	7.08	2.5	0.27	1.89	11.4	0.3	0.02	0.1	0.1	2
SA5090754	91	0.07	0.05	0.3	0.25	0.5	0.48	1	0.5	6.94	2.5	0.23	0.72	10.3	0.1	0.005	0.1	0.4	4
SA5090755	101	0.14	0.7	0.44	0.7	0.5	0.55	0.5	0.5	7.05	2.5	0.31	1.2	12	0.05	0.005	0.1	0.05	2
SA5090756	115	0.21	0.4	0.4	0.5	0.5	0.62	0.5	0.5	7.12	2.5	0.23	2.12	9.3	0.1	0.005	0.1	0.05	1
SA5090757	135	0.16	0.6	0.42	0.8	0.5	0.58	0.5	0.5	7.08	2.5	0.27	1.26	11.9	0.05	0.01	0.1	0.3	0.5
SA5090758	105	0.06	0.7	0.45	0.8	0.5	0.82	0.5	0.5	7.02	2.5	0.21	2.47	12	0.2	0.005	0.1	0.2	0.5
SA5090759	92	0.1	0.6	0.47	1.5	1	0.73	0.5	0.5	7	2.5	0.2	1.61	12	0.3	0.005	0.1	0.3	1
SA5090760	95	0.13	1.4	0.48	1.1	0.5	0.44	2	0.5	6.67	2.5	0.16	0.01	5.8	0.1	0.005	0.4	0.05	3
SA5090761	422	0.23	2	0.79	1	0.5	0.87	0.5	0.5	7.11	2.5	0.28	2	13.6	0.3	0.01	0.1	0.2	2
SA5090762	249	0.22	1.2	0.43	1.5	0.5	0.59	0.5	0.5	7	2.5	0.2	0.98	9.2	0.2	0.02	0.1	0.3	2
SA5090763	153	0.15	0.5	0.54	1.2	0.5	0.64	0.5	0.5	7.09	2.5	0.31	1.69	12.3	0.2	0.02	0.1	0.1	2
SA5090764	225	0.21	1.1	0.47	2.8	0.5	0.61	0.5	0.5	7.04	2.5	0.21	1.18	10.2	0.2	0.02	0.4	0.2	2
SA5090765	197	0.21	1.3	0.49	4.9	0.5	0.61	0.5	0.5	7.05	2.5	0.22	1.18	10.3	0.1	0.02	0.1	0.05	1
SA5090766	194	0.22	1	0.45	3.2	0.5	0.58	0.5	0.5	7.16	2.5	0.19	1.1	10.7	0.3	0.02	0.1	0.05	1
SA5090767	324	0.34	1.5	0.67	1.1	0.5	0.8	0.5	0.5	7.01	2.5	0.21	1.47	12.4	0.4	0.02	0.1	0.3	2
SA5090768	175	0.19	1.1	0.49	2.2	0.5	0.63	0.5	0.5	7.05	2.5	0.21	1.22	11.5	0.2	0.01	0.1	0.2	1
SA5090769	62	0.24	0.4	0.57	1.8	0.5	0.6	0.5	0.5	7.07	2.5	0.27	1.38	13.2	0.2	0.005	0.1	0.05	1
SA5090770	63	0.19	0.7	0.56	3.8	0.5	0.55	0.5	0.5	7.12	2.5	0.17	1.57	12.7	0.4	0.02	0.1	0.3	0.5
SA5090771	45	0.25	0.5	0.45	0.25	0.5	0.5	2	0.5	7.02	2.5	0.23	0.63	10.1	0.05	0.005	0.1	0.05	2
SA5090772	9	0.28	0.05	0.48	0.25	0.5	0.66	0.5	0.5	7.08	2.5	0.37	1.88	15	0.1	0.005	0.1	0.1	1
SA5090773	30	0.22	0.4	0.52	2.5	0.5	0.65	0.5	0.5	7.03	2.5	0.23	1.58	14	0.2	0.01	0.1	0.05	2
SA5090774	28	0.2	0.5	0.47	2.9	0.5	0.62	0.5	0.5	6.95	2.5	0.2	1.69	12.5	0.2	0.005	0.1	0.1	2
SA5090775	24	0.22	0.3	0.52	2.6	0.5	0.56	2	0.5	7.02	2.5	0.17	1.32	12.5	0.1	0.005	0.1	0.4	3
SA5090776	17	0.17	0.1	0.38	1.5	0.5	0.47	0.5	0.5	6.84	2.5	0.1	0.96	10	0.3	0.005	0.1	0.3	1

Appendix 1 - Open File 023I/0101

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
SA5090777	330	0.35	1.2	0.66	0.7	1	0.84	0.5	0.5	7.19	2.5	0.22	1.35	12.1	0.2	0.02	0.1	0.1	1
SA5090778	25	0.2	0.4	0.52	6.3	0.5	0.55	0.5	0.5	7.04	2.5	0.17	1.29	12.6	0.1	0.005	0.1	0.05	3
SA5090779	13	0.15	0.2	0.58	1.7	0.5	0.7	4	0.5	6.98	2.5	0.18	1.37	11.3	0.1	0.005	0.1	0.2	2
SA5090780	0.5	0.03	0.3	0.34	3	0.5	0.52	0.5	0.5	6.37	2.5	0.14	1.3	8.4	0.6	0.005	0.1	0.2	1
SA5090781	0.5	0.11	0.1	0.36	2.7	0.5	0.39	0.5	0.5	6.62	2.5	0.11	0.61	7.3	0.2	0.005	0.1	0.3	1
SA5090782	1	0.07	0.2	0.41	3.6	0.5	0.42	0.5	0.5	6.6	2.5	0.08	0.72	9	1.5	0.005	0.1	0.2	2
SA5090783	0.5	0.07	0.05	0.31	3.2	0.5	0.35	0.5	0.5	6.43	2.5	0.09	0.25	5.6	0.2	0.005	0.1	0.2	1
SA5090784	6	0.03	0.2	0.45	3.5	0.5	0.39	0.5	0.5	6.61	2.5	0.08	0.53	8.4	0.3	0.01	0.1	0.4	1
SA5090785	15	0.11	0.5	0.56	3.5	0.5	0.63	0.5	0.5	6.89	2.5	0.14	0.86	10.7	0.2	0.005	0.1	0.2	1
SA5090786	2	0.06	0.9	0.47	10.4	0.5	0.54	0.5	0.5	6.76	8	0.09	1.08	12.5	0.3	0.005	0.1	0.4	3
SA5090787	0.5	0.005	0.3	0.42	2.2	0.5	0.59	0.5	0.5	6.41	2.5	0.11	1.72	10.2	1	0.005	0.1	0.05	2
SA5090788	2	0.07	0.1	0.36	1.5	0.5	0.63	0.5	0.5	6.06	2.5	0.13	1.12	10	0.4	0.005	0.1	0.3	2
SA5090789	4	0.15	0.3	0.6	2	0.5	0.75	0.5	0.5	6.82	5	0.16	1.45	11.4	0.5	0.005	0.4	0.4	2
SA5090790	13	0.15	0.05	0.57	2.5	0.5	0.63	0.5	0.5	6.97	2.5	0.17	1.44	11.5	0.2	0.005	0.1	0.3	2
SA5090791	9	0.06	0.4	0.58	1.5	0.5	0.57	0.5	0.5	6.9	2.5	0.06	0.8	11.3	0.3	0.005	0.1	0.05	1
SA5090792	8	0.07	0.05	0.58	1.2	0.5	0.54	0.5	0.5	6.9	2.5	0.07	0.79	11.3	0.2	0.005	0.1	0.05	2
SA5090793	27	0.1	0.5	0.63	4.5	0.5	0.62	1	0.5	6.84	16	0.13	1.29	14.1	0.3	0.005	0.1	0.3	4
SA5090794	0.5	0.06	0.3	0.38	6.6	0.5	0.34	0.5	2	6.34	9	0.07	0.46	8	0.05	0.005	0.3	0.1	4
SA5090795	22	0.17	0.3	0.36	4.2	0.5	0.38	0.5	0.5	6.83	5	0.11	0.97	7.8	0.2	0.005	0.1	0.1	2
SA5090796	49	0.16	0.4	0.48	1.8	0.5	0.52	0.5	0.5	7.02	5	0.25	1.3	12.3	0.05	0.005	0.1	0.1	2
SA5090797	29	0.17	0.5	0.55	4.2	0.5	0.9	2	0.5	6.92	5	0.26	3.19	17.5	0.7	0.02	0.1	0.2	5
SA5090798	37	0.13	0.5	0.48	0.6	0.5	0.74	2	0.5	7.05	5	0.29	2.81	16.9	0.2	0.005	0.1	0.2	3
SA5090799	57	0.24	0.7	0.51	2.1	0.5	0.52	1	0.5	7.03	8	0.25	1.21	12.2	0.2	0.005	0.1	0.1	4
SA5090800	98	0.15	0.4	0.46	1.2	0.5	0.57	0.5	0.5	7.07	2.5	0.36	1.53	13.6	0.2	0.01	0.1	0.05	2
SA5090801	80	0.18	0.5	0.48	1.3	0.5	0.58	0.5	0.5	7.08	2.5	0.31	1.37	13.1	0.2	0.005	0.1	0.2	1
SA5090802	79	0.15	0.7	0.48	2.4	0.5	0.59	2	0.5	7.05	2.5	0.31	1.44	13	0.05	0.005	0.1	0.2	5
SA5090803	69	0.13	0.8	0.5	3.7	0.5	0.55	0.5	0.5	7.03	2.5	0.28	1.32	12.9	1.2	0.005	0.1	0.05	1
SA5090804	13	0.1	0.4	0.36	2.3	0.5	0.47	0.5	0.5	6.71	2.5	0.16	0.65	8.8	0.2	0.005	0.1	0.1	1
SA5090805	41	0.06	0.5	0.45	2.8	0.5	0.52	0.5	0.5	6.72	2.5	0.14	0.62	10.1	0.3	0.005	0.1	0.2	1
SA5090806	22	0.09	0.4	0.38	2.1	0.5	0.44	0.5	0.5	6.64	2.5	0.12	0.29	7.6	1.4	0.005	0.1	0.3	1
SA5090807	10	0.07	0.3	0.48	3.1	0.5	0.42	0.5	0.5	6.66	2.5	0.1	0.47	8.2	0.7	0.005	0.1	0.1	2
SA5090808	3	0.02	0.3	0.53	4.9	0.5	0.72	0.5	0.5	6.68	2.5	0.14	2.06	12.4	0.5	0.005	0.3	0.5	2
SA5090809	15	0.05	0.05	0.4	2	0.5	0.69	0.5	0.5	6.6	2.5	0.17	0.89	10.1	0.3	0.01	0.1	0.2	1
SA5090810	32	0.1	0.2	0.55	2.1	0.5	0.63	0.5	0.5	6.88	2.5	0.16	0.77	13.1	0.3	0.005	0.1	0.1	2
SA5090811	30	0.09	0.3	0.53	1.2	0.5	0.64	0.5	0.5	6.75	2.5	0.14	0.61	12.5	0.3	0.005	0.1	0.3	1
SA5090812	31	0.05	0.5	0.53	2.2	0.5	0.6	0.5	0.5	6.85	2.5	0.14	0.69	12.4	0.3	0.005	0.1	0.05	0.5
SA5090813	10	0.08	0.2	0.37	2.5	0.5	0.45	0.5	0.5	6.71	2.5	0.13	0.72	8.8	0.3	0.005	0.1	0.3	1
SA5090814	0.5	0.12	0.4	1.42	11.3	0.5	0.57	1	0.5	6.97	8	0.2	0.64	10.7	0.6	0.01	0.1	0.5	2
SA5090815	6	0.07	0.7	0.9	4.3	0.5	0.44	0.5	0.5	6.92	2.5	0.08	0.45	7.2	0.2	0.005	0.1	0.1	1
SA5090816	5	0.17	0.8	0.63	5.9	0.5	0.31	0.5	0.5	6.93	5	0.1	0.06	5.6	0.2	0.005	0.1	0.05	3
SA5090817	3	0.005	0.4	0.91	11.9	0.5	0.25	0.5	0.5	6.87	10	0.07	0.73	8.6	0.3	0.005	0.1	0.05	2
SA5090818	25	0.15	0.05	0.37	2.1	0.5	0.42	0.5	0.5	6.69	7	0.12	0.36	7.4	0.3	0.01	0.1	0.3	1
SA5090819	12	0.14	0.1	0.63	6.7	0.5	0.45	0.5	0.5	6.94	2.5	0.19	0.84	10.2	0.2	0.005	0.1	0.1	4
SA5090820	0.5	0.05	0.4	0.49	2.9	0.5	0.24	0.5	0.5	6.59	6	0.09	0.14	4.6	0.3	0.005	0.1	0.05	3
SA5090821	10	0.13	0.05	0.67	10.2	0.5	0.5	0.5	0.5	6.97	5	0.19	1.08	11.6	0.2	0.005	0.1	0.3	0.5
SA5090822	7	0.11	0.3	0.91	6.8	0.5	0.64	0.5	0.5	7.06	2.5	0.19	1.57	14.5	0.2	0.005	0.1	0.1	1
SA5090823	14	0.14	0.2	0.47	5.6	0.5	0.39	0.5	0.5	6.89	2.5	0.17	0.7	9.9	0.2	0.005	0.1	0.3	0.5
SA5090824	0.5	0.03	0.2	0.6	9.5	0.5	0.6	0.5	0.5	6.87	2.5	0.17	2.1	13.6	0.4	0.005	0.1	0.2	1
SA5090825	13	0.16	0.4	0.47	5.3	0.5	0.38	0.5	0.5	6.88	2.5	0.18	0.77	10.1	0.2	0.005	0.1	0.2	2
SA5090826	0.5	0.27	0.2	0.35	9.3	0.5	0.25	0.5	0.5	6.71	11	0.16	0.005	4.6	0.2	0.005	0.1	0.2	3
SA5090827	19	0.14	0.5	0.64	3	0.5	0.57	0.5	0.5	6.99	2.5	0.2	0.5	13.6	0.3	0.005	0.1	0.1	2
SA5090828	78	0.27	0.05	0.74	3.6	0.5	0.74	0.5	0.5	7.11	6	0.15	0.55	17.7	0.2	0.005	0.1	0.3	1
SA5090829	49	0.05	0.5	0.56	1.2	0.5	0.59	0.5	0.5	6.78	2.5	0.2	0.4	9.9	0.3	0.01	0.1	0.3	2
SA5090830	26	0.1	0.3	0.4	4.5	0.5	0.25	0.5	0.5	6.67	2.5	0.11	0.31	8.7	0.5	0.005	0.1	0.2	1
SA5090831	38	0.14	0.6	0.64	2.8	0.5	0.38	0.5	0.5	6.99	2.5	0.11	0.66	15.5	0.2	0.005	0.1	0.4	1
SA5090832	41	0.07	0.05	0.34	1.4	0.5	0.38	0.5	0.5	6.6	2.5	0.13	0.46	8.4	0.05	0.01	0.1	0.2	0.5
SA5090833	34	0.05	0.1	0.59	2.9	0.5	0.47	0.5	0.5	6.84	2.5	0.19	1.53	13.8	0.5	0.005	0.1	0.5	2
SA5090834	25	0.06	0.3	0.44	4.3	0.5	0.41	0.5	0.5	6.76	2.5	0.18	1.2	12.5	0.5	0.01	0.1	0.3	1
SA5090835	20	0.12	0.05	0.39	1.1	0.5	0.4	0.5	0.5	6.72	2.5	0.13	0.41	10.5	0.05	0.005	0.1	0.05	0.5

Appendix 1 - Open File 023I/0101

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
SA5090836	0.5	0.06	0.1	0.27	3.8	0.5	0.33	0.5	0.5	6.29	2.5	0.13	0.3	7.8	0.3	0.005	0.1	0.2	1
SA5090837	38	0.05	0.6	0.37	1.1	0.5	0.34	0.5	0.5	6.65	2.5	0.12	0.32	8.7	0.05	0.04	0.1	0.4	2
SA5090838	4	0.02	0.3	0.39	2.1	0.5	0.24	0.5	0.5	6.56	2.5	0.06	0.36	9.9	0.3	0.005	0.1	0.2	0.5
SA5090839	45	0.07	0.7	0.55	1.5	0.5	0.52	0.5	0.5	6.69	2.5	0.2	0.36	10	0.6	0.005	0.1	0.2	2
SA5090840	0.5	0.02	0.5	0.48	2.5	0.5	0.63	0.5	0.5	6.85	8	0.17	1.91	13.9	0.6	0.005	0.1	0.3	2
SA5090841	18	0.12	0.5	0.6	5.7	0.5	0.65	0.5	0.5	6.93	5	0.18	1.3	17	0.3	0.005	0.1	0.2	0.5
SA5090842	23	0.06	0.5	0.69	3.3	0.5	0.74	0.5	0.5	5.6	2.5	0.2	1.79	19.6	0.2	0.005	0.1	0.1	1
SA5090843	0.5	0.01	0.2	0.12	4.5	0.5	0.14	0.5	0.5	6.67	2.5	0.06	0.16	3	0.4	0.005	0.1	0.05	2
SA5090844	2	0.09	0.3	0.36	0.9	0.5	0.34	0.5	0.5	6.69	2.5	0.12	0.44	9	0.05	0.005	0.1	0.2	1
SA5090845	0.5	0.09	0.3	0.24	1.2	0.5	0.18	0.5	0.5	6.16	2.5	0.07	0.02	4.9	0.05	0.005	0.1	0.2	1
SA5090846	47	0.15	0.1	0.44	2.3	0.5	0.45	0.5	0.5	6.93	2.5	0.25	1.06	12.2	0.1	0.01	0.1	0.4	1
SA5090847	51	0.14	0.1	0.44	2.6	0.5	0.46	0.5	0.5	6.88	2.5	0.25	1.02	11.9	0.1	0.005	0.1	0.1	0.5
SA5090848	10	0.14	0.05	0.43	2	0.5	0.38	0.5	0.5	6.77	2.5	0.15	0.59	9.8	0.2	0.005	0.1	0.2	2
SA5090849	5	0.14	0.2	0.53	1.3	0.5	0.46	0.5	0.5	6.82	5	0.15	0.6	11.9	0.4	0.005	0.1	0.1	2
SA5090850	6	0.17	0.3	0.44	1	0.5	0.56	0.5	0.5	6.77	2.5	0.33	1.74	10.3	0.2	0.005	0.1	0.2	4
SA5090851	3	0.23	0.1	0.61	6.9	0.5	0.31	0.5	0.5	6.88	2.5	0.17	0.17	9.8	0.2	0.005	0.1	0.1	0.5
SA5090852	7	0.18	0.2	0.59	7	0.5	0.33	0.5	0.5	6.87	2.5	0.18	0.09	9.8	0.2	0.01	0.1	0.3	1
SA5090853	0.5	0.03	0.5	0.63	4.1	0.5	0.34	0.5	0.5	6.82	2.5	0.07	0.65	10.5	0.1	0.005	0.1	0.3	1
SA5090854	0.5	0.14	0.9	0.75	4.5	0.5	0.21	0.5	0.5	6.98	2.5	0.32	0.21	8.6	0.3	0.01	0.1	0.05	0.5
SA5090855	1	0.2	0.2	0.43	1.4	0.5	0.42	0.5	0.5	6.82	2.5	0.24	0.54	10.2	0.4	0.005	0.1	0.2	1
SA5090856	80	0.19	0.5	0.49	1.8	0.5	0.5	0.5	0.5	7.05	2.5	0.33	1.46	14.4	0.1	0.005	0.2	0.4	1
SA5090857	16	0.17	0.4	0.4	0.6	0.5	0.43	0.5	0.5	6.87	2.5	0.32	1.08	10.6	0.1	0.005	0.1	0.4	0.5
SA5090858	22	0.06	0.7	0.24	0.25	0.5	0.44	0.5	0.5	6.63	6	0.21	1.62	6.6	0.3	0.005	0.9	0.05	0.5
SA5090859	87	0.17	0.2	0.39	1	0.5	0.43	0.5	0.5	6.93	2.5	0.3	1.14	9.7	0.05	0.005	1.1	0.05	0.5
SA5090860	82	0.18	0.8	0.38	0.7	0.5	0.39	0.5	0.5	6.91	2.5	0.29	0.89	8.8	0.1	0.01	0.1	0.05	0.5
SA5090861	36	0.19	0.5	0.51	0.6	0.5	0.6	0.5	0.5	7.1	2.5	0.34	1.9	14.7	0.1	0.01	0.4	0.05	0.5
SA5090862	19	0.31	0.3	0.53	0.25	0.5	0.61	0.5	0.5	7.05	2.5	0.29	1.22	12.6	0.2	0.005	1.3	0.05	0.5
SA5090863	16	0.3	1	0.51	0.25	0.5	0.57	11	0.5	7.07	2.5	0.33	1.54	13.3	0.2	0.02	1	0.05	0.5
SA5090864	60	0.21	1.1	0.59	1.3	0.5	0.68	0.5	0.5	7.06	2.5	0.33	1.96	14.3	0.2	0.01	0.2	0.05	0.5
SA5090865	64	0.24	0.9	0.42	1.3	0.5	0.63	0.5	0.5	6.9	2.5	0.32	1.52	10.4	0.4	0.005	0.3	0.05	0.5
SA5090866	119	0.16	0.3	0.37	0.6	0.5	0.37	0.5	0.5	6.87	2.5	0.26	0.87	8.1	0.05	0.01	0.4	0.05	0.5
SA5090867	210	0.23	0.8	0.57	1.4	0.5	0.64	0.5	0.5	7.09	2.5	0.42	1.62	14.3	0.2	0.005	0.9	0.05	2
SA5090868	116	0.19	0.8	0.41	0.25	0.5	0.44	0.5	0.5	6.94	2.5	0.31	1.21	10.2	0.2	0.01	0.7	0.05	0.5
SA5090869	117	0.17	0.9	0.45	0.6	0.5	0.49	0.5	0.5	6.99	2.5	0.35	1.79	12.5	0.3	0.01	1.6	0.05	1
SA5090870	44	0.16	0.4	0.19	0.6	0.5	0.3	0.5	0.5	6.76	2.5	0.19	1.27	6.5	0.3	0.005	0.6	0.05	0.5
SA5090871	177	0.17	1	0.52	0.9	0.5	0.56	1	40	7.08	2.5	0.42	2.53	15	0.2	0.03	0.7	0.05	0.5
SA5090872	180	0.16	1	0.48	0.25	0.5	0.54	0.5	0.5	7	2.5	0.27	1.49	9.9	0.3	0.01	1.7	0.05	0.5
SA5090873	185	0.2	0.8	0.65	0.5	0.5	0.54	0.5	0.5	6.99	2.5	0.63	2.15	15.1	0.3	0.06	0.5	0.05	0.5
SA5090874	98	0.19	0.6	0.57	1.3	0.5	0.58	0.5	0.5	7.23	2.5	0.49	2.07	16.9	0.3	0.03	1	0.05	1
SA5090875	53	0.15	0.5	0.52	0.25	0.5	0.55	0.5	0.5	7.14	2.5	0.33	2.26	17.5	0.3	0.02	0.3	0.05	0.5
SA5090876	116	0.17	0.7	0.62	1.2	0.5	0.66	0.5	0.5	7.18	2.5	0.48	2.38	17.2	0.2	0.02	1.1	0.05	0.5
SA5090877	46	0.12	0.9	0.47	1.1	0.5	0.57	0.5	0.5	6.89	2.5	0.23	1	11.9	0.2	0.005	0.7	0.05	2
SA5090878	16	0.09	0.3	0.41	1.2	0.5	0.5	0.5	0.5	6.74	2.5	0.24	1.66	13.5	0.5	0.01	0.6	0.05	0.5
SA5090879	97	0.19	0.7	0.56	1.1	0.5	0.55	0.5	0.5	7.23	2.5	0.48	2.09	17.3	0.2	0.005	0.8	0.05	0.5
SA5090880	11	0.05	0.7	0.4	4.3	0.5	0.44	0.5	0.5	6.52	7	0.19	1.09	11.5	0.6	0.01	0.6	0.05	1
SA5090881	17	0.08	0.5	0.45	4.3	0.5	0.46	0.5	0.5	6.75	2.5	0.23	1.4	14.5	0.6	0.01	2	0.05	1
SA5090882	1	0.07	0.8	0.41	1.1	0.5	0.48	16	0.5	6.71	2.5	0.23	1.25	10.7	0.05	0.005	1.5	0.05	1
SA5090883	1	0.05	0.8	0.85	9.4	0.5	0.41	3	0.5	5.88	2.5	1.56	0.25	4.8	0.9	0.01	0.6	0.05	4
SA5090884	0.5	0.03	0.8	0.61	2.6	0.5	0.29	0.5	0.5	6.48	6	0.84	0.47	4.2	1	0.02	1.5	0.05	2
SA5090885	7	0.09	0.8	0.62	1.9	0.5	0.34	2	0.5	6.71	2.5	0.52	0.49	3.5	0.4	0.02	0.1	0.05	1
SA5090886	0.5	0.18	1.6	1.2	55	0.5	0.65	3	0.5	4.84	2.5	4.45	0.92	6.9	0.4	0.02	0.7	0.05	9
SA5090887	0.5	0.1	0.8	0.56	1.6	0.5	0.26	0.5	0.5	6.66	2.5	0.9	0.56	4.1	0.05	0.01	0.4	0.1	0.5
SA5090888	0.5	0.08	0.7	0.5	5	0.5	0.33	2	0.5	6.53	2.5	0.83	0.34	3.7	0.4	0.02	0.7	0.05	4
SA5090889	1	0.1	0.4	0.53	2.5	0.5	0.19	1	0.5	6.61	2.5	0.89	0.44	3.8	0.4	0.01	1.3	0.05	1
SA5090890	3	0.08	0.6	0.66	11.3	0.5	0.31	1	0.5	6.64	2.5	1.44	0.44	4.5	0.5	0.03	0.1	0.05	2
SA5090891	7	0.03	0.8	1.28	2.8	0.5	0.45	0.5	0.5	7.08	7	0.55	0.58	6.5	0.4	0.02	0.5	0.05	2
SA5090892	0.5	0.12	0.9	0.88	34.6	0.5	0.35	5	0.5	4.49	2.5	3.58	0.67	6	0.3	0.06	0.5	0.05	4
SA5090893	9	0.14	1.2	0.91	35.2	0.5	0.37	0.5	0.5	6.7	2.5	1.65	0.94	5.7	0.3	0.03	0.1	0.05	2
SA5090894	1	0.13	0.9	0.56	2.3	0.5	0.25	0.5	0.5	6.69	2.5	0.92	0.6	4	0.2	0.01	0.7	0.05	2

Appendix 1 - Open File 023I/0101

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
SA5090895	0.5	0.11	0.6	0.55	7.8	0.5	0.22	0.5	0.5	6.57	2.5	0.23	0.35	2.6	0.5	0.02	0.3	0.05	2
SA5090896	0.5	0.28	1.4	2.23	3.9	0.5	0.36	0.5	0.5	7.51	2.5	2.57	0.82	14.9	0.1	0.03	1.1	0.05	0.5
SA5090897	11	0.12	1.5	1.32	1.7	0.5	0.35	0.5	0.5	7.43	2.5	1.02	0.68	8.3	0.2	0.005	0.3	0.05	0.5
SA5090898	0.5	0.11	2	3.56	1.6	0.5	0.23	0.5	0.5	7.68	2.5	0.64	0.56	8.2	0.2	0.05	1.1	0.05	0.5
SA5090899	0.5	0.005	2.7	10.53	1.6	0.5	0.005	0.5	2	8.15	2.5	0.27	0.22	10.5	0.05	0.03	0.3	0.05	0.5
SA5090900	5	0.14	0.8	0.87	8.4	0.5	0.26	0.5	0.5	6.68	2.5	1.75	0.82	5.5	0.4	0.03	0.3	0.05	1
SA5090901	1	0.18	1	1.62	2.6	0.5	0.32	2	0.5	7.23	7	0.72	1.36	7.9	0.3	0.04	0.3	0.05	3
SA5090902	5	0.13	0.8	1.12	13.3	0.5	0.28	1	0.5	7	9	1.3	0.94	6.3	0.6	0.04	0.1	0.05	3
SA5090903	5	0.07	0.9	1.59	3.7	0.5	0.42	0.5	0.5	7.28	8	0.53	1.39	6.8	0.3	0.02	0.4	0.05	2
SA5090904	5	0.12	1.5	1.22	1.1	0.5	0.3	0.5	0.5	7.11	2.5	1.06	0.91	6.3	0.2	0.02	0.1	0.05	1
SA5090905	0.5	0.02	0.6	0.17	0.8	0.5	0.005	0.5	0.5	5.54	2.5	0.08	0.005	0.6	0.2	0.005	0.1	0.05	2
SA5090906	3	0.16	0.8	1.38	1.5	0.5	0.33	0.5	0.5	7.2	2.5	0.55	1.13	7.3	0.4	0.02	0.6	0.05	0.5
SA5090907	2	0.08	1.1	1.23	8	0.5	0.3	4	0.5	6.73	2.5	2.04	0.55	6	0.2	0.01	0.4	0.05	3
SA5090908	2	0.12	0.9	1.29	1.9	0.5	0.27	0.5	0.5	7	2.5	1.13	0.92	6.6	0.4	0.02	0.9	0.05	1
SA5090909	1	0.14	0.8	0.85	2.3	0.5	0.33	0.5	0.5	7.06	2.5	0.67	0.54	8.1	0.3	0.02	0.1	0.05	0.5
SA5090910	8	0.04	1	1.08	7.4	0.5	0.37	1	0.5	7.11	2.5	0.14	0.96	7.4	0.3	0.005	1.1	0.05	1
SA5090911	5	0.04	1	0.9	8.6	0.5	0.23	0.5	0.5	7.11	2.5	0.13	0.34	6.8	0.3	0.005	0.1	0.05	1
SA5090912	0.5	0.1	0.4	0.6	2.8	0.5	0.17	0.5	0.5	6.78	6	0.17	0.14	3.4	0.4	0.02	0.4	0.05	0.5
SA5090913	0.5	0.02	0.7	0.72	5.7	0.5	0.16	0.5	0.5	6.6	2.5	0.16	0.24	4	0.5	0.02	0.6	0.05	1
SA5090914	33	0.12	1	1.17	3.1	0.5	0.42	0.5	0.5	7.2	2.5	0.46	1.27	13.9	0.3	0.04	0.5	0.05	0.5
SA5090915	12	0.07	1.1	1.14	10.2	0.5	0.39	0.5	0.5	6.79	2.5	0.57	1.21	6	0.4	0.02	0.7	0.05	0.5
SA5090916	0.5	0.03	0.9	0.54	3.5	0.5	0.21	0.5	0.5	7.11	2.5	0.15	0.41	3.7	0.2	0.005	0.5	0.05	1
SA5090917	0.5	0.1	0.9	1.2	1.1	0.5	0.3	0.5	0.5	6.73	2.5	1.03	0.85	6.3	0.4	0.02	0.1	0.05	0.5
SA5090918	0.5	0.06	0.6	0.62	1.8	0.5	0.15	0.5	0.5	7.12	2.5	0.18	0.21	2.9	0.3	0.005	0.6	0.05	0.5
SA5090919	0.5	0.05	1	0.99	5.2	0.5	0.17	0.5	0.5	6.98	2.5	0.27	0.75	4.3	0.6	0.01	0.5	0.05	1
SA5090920	0.5	0.09	0.7	0.62	1.4	0.5	0.18	0.5	0.5	6.8	2.5	0.17	0.08	2.9	0.4	0.01	0.2	0.05	0.5
SA5090921	5	0.12	1.3	1.92	28.5	0.5	0.49	2	0.5	7.37	2.5	0.61	0.32	10.1	0.4	0.01	0.5	0.05	2
SA5090922	0.5	0.03	0.7	1.31	7.4	0.5	0.2	0.5	0.5	6.9	8	0.41	0.31	5.2	0.8	0.02	0.8	0.05	1
SA5090923	8	0.11	0.8	1.18	4.8	0.5	0.44	0.5	0.5	7.18	2.5	0.87	1.09	6.7	0.1	0.01	0.7	0.05	0.5
SA5090924	7	0.08	1.2	1.22	4.4	0.5	0.42	0.5	0.5	7.23	2.5	0.95	1.28	8.3	0.2	0.02	0.8	0.05	0.5
SA5090925	7	0.12	1.4	1.25	3.3	0.5	0.33	0.5	0.5	7.19	2.5	0.98	0.93	6.3	0.5	0.01	0.9	0.05	0.5
SA5090926	2	0.15	1.3	1.14	3.8	0.5	0.35	0.5	0.5	7.13	2.5	1.02	1.35	4.4	0.2	0.005	0.4	0.05	0.5
SA5090927	6	0.11	1.6	1.16	5.3	0.5	0.42	0.5	0.5	7.2	2.5	0.93	1.27	7	0.2	0.01	0.9	0.05	0.5
SA5090928	0.5	0.005	0.8	0.73	2.9	0.5	0.15	0.5	0.5	6.88	2.5	0.2	0.32	3	0.4	0.02	1	0.05	1
SA5090929	0.5	0.03	0.9	0.58	6.6	0.5	0.22	0.5	0.5	6.57	2.5	0.6	0.56	2.5	0.5	0.02	0.1	0.05	2
SA5090930	0.5	0.16	1.1	0.76	26.2	0.5	0.35	2	0.5	4.66	2.5	3.02	1.01	4.1	0.1	0.005	0.1	0.05	9
SA5090931	0.5	0.06	0.6	0.7	2.4	0.5	0.29	0.5	0.5	6.77	2.5	0.37	0.82	3	0.3	0.02	0.1	0.05	2
SA5090932	22	0.1	1.1	1.66	4.4	0.5	0.63	0.5	0.5	7.32	2.5	1.46	2.39	10.3	0.3	0.005	0.1	0.05	1
SA5090933	5	0.15	1.2	1.07	3.8	0.5	0.28	0.5	0.5	7.18	2.5	0.65	0.81	6.1	0.3	0.01	0.1	0.05	1
SA5090934	0.5	0.03	0.6	1.44	3.6	0.5	0.29	0.5	0.5	7.37	2.5	0.52	0.76	8.8	0.3	0.03	1.5	0.05	1
SA5090935	0.5	0.005	0.7	0.84	3.5	0.5	0.28	1	0.5	6.97	2.5	0.51	0.74	9.3	0.3	0.01	0.6	0.05	1
SA5090936	3	0.09	1	1.21	0.9	0.5	0.32	0.5	0.5	7.14	2.5	1.05	0.84	6.4	0.2	0.02	1.2	0.05	1
SA5090937	17	0.04	1.2	1.41	6.1	0.5	0.46	0.5	0.5	7.16	6	0.4	1.09	8.7	0.4	0.02	0.2	0.05	0.5
SA5090938	0.5	0.005	0.3	0.19	8.4	0.5	0.005	0.5	0.5	5.15	2.5	0.11	0.005	1.1	0.2	0.005	0.7	0.05	2
SA5090939	12	0.12	1.3	1.19	3.1	0.5	0.45	0.5	0.5	7.12	2.5	0.89	1.11	6.3	0.3	0.01	0.4	0.05	3
SA5090940	5	0.1	1	1.19	1.1	0.5	0.33	0.5	0.5	7.13	2.5	1.05	0.86	6.2	0.2	0.02	0.9	0.05	0.5
SA5090941	12	0.34	1.3	2.3	2.8	0.5	0.26	0.5	0.5	7.58	2.5	0.47	0.32	14.2	0.3	0.05	0.7	0.05	0.5
SA5090942	3	0.13	0.6	1.03	3.1	0.5	0.3	3	0.5	7.06	5	0.28	0.47	4.1	0.4	0.02	0.2	0.05	0.5
SA5090943	0.5	0.04	1.2	0.96	4.3	0.5	0.28	0.5	0.5	6.92	6	0.24	0.38	4.1	0.5	0.02	0.5	0.05	1
SA5090944	0.5	0.06	0.8	0.97	2	0.5	0.12	0.5	0.5	6.86	2.5	0.17	0.18	3.8	0.3	0.01	0.6	0.05	0.5
SA5090945	0.5	0.08	0.9	1.01	4.4	0.5	0.27	0.5	0.5	6.92	2.5	0.75	0.85	5	0.4	0.01	0.4	0.05	1
SA5090946	4	0.12	1	1.13	3.5	0.5	0.29	0.5	0.5	7.12	2.5	0.57	0.99	6	0.3	0.01	1.3	0.05	1
SA5090947	6	0.07	1.1	1.37	4.3	0.5	0.37	0.5	0.5	7.36	2.5	0.51	1.37	10.4	0.4	0.02	0.8	0.05	0.5
SA5090948	10	0.13	1.4	1.29	2.2	0.5	0.45	0.5	0.5	7.33	2.5	0.66	0.89	7.6	0.8	0.03	0.1	0.05	0.5
SA5090949	0.5	0.13	0.9	2.51	10.4	0.5	0.26	0.5	0.5	7.51	6	0.31	0.22	9.9	0.3	0.03	0.6	0.05	1
SA5090950	0.5	0.03	1	1	2.4	0.5	0.4	0.5	0.5	7.31	2.5	1.24	1.55	9.9	0.4	0.06	0.4	0.05	2
SA5090951	5	0.15	0.7	1.42	5	0.5	0.29	0.5	2	7.23	2.5	0.89	0.87	8.2	0.3	0.03	0.1	0.05	0.5
SA5090952	3	0.02	1.7	2.12	12.3	0.5	0.42	2	0.5	7.36	2.5	0.46	1.95	10.6	0.3	0.04	0.1	0.05	0.5
SA5090953	5	0.15	1	1.53	6.8	0.5	0.34	0.5	0.5	7.24	2.5	0.6	2.01	7.7	0.4	0.03	0.5	0.05	0.5
SA5090954	0.5	0.06	0.7	0.38	5.7	0.5	0.12	0.5	0.5	6.13	5	0.16	0.005	1.6	0.6	0.02	0.6	0.05	2

Appendix 1 - Open File 023I/0101

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
SA5090955	0.5	0.02	0.8	0.19	23.9	0.5	0.005	0.5	0.5	5.44	6	0.06	0.04	0.7	0.4	0.005	0.1	0.05	3
SA5090956	6	0.13	0.7	1.38	5.1	0.5	0.33	0.5	0.5	7.18	6	0.91	0.8	8.1	0.3	0.03	0.2	0.05	2
SA5090957	0.5	0.05	0.7	0.47	6	0.5	0.08	0.5	0.5	6.38	6	0.19	0.15	2.2	0.5	0.02	0.7	0.05	3
SA5090958	7	0.17	1	1.27	7.2	0.5	0.32	2	0.5	7.17	2.5	0.76	0.72	8.9	0.4	0.04	1.5	0.05	2
SA5090959	4	0.15	1	1.52	8.4	0.5	0.29	1	0.5	7.21	7	0.6	2.05	7.7	0.4	0.04	0.5	0.05	2
SA5090960	8	0.005	1.4	1.39	31.7	0.5	0.26	0.5	0.5	7.06	2.5	0.48	1.17	7.6	0.4	0.03	0.1	0.05	1
SA5090961	2	0.15	0.4	0.67	15.3	0.5	0.18	0.5	0.5	7.02	7	0.23	0.14	5.6	0.4	0.02	0.4	0.05	1
SA5090962	0.5	0.05	1.2	0.71	6.2	0.5	0.14	0.5	0.5	6.92	2.5	0.14	0.03	5.4	0.3	0.005	0.1	0.05	0.5
SA5090963	1	0.16	0.9	0.63	9.5	0.5	0.12	1	0.5	6.96	6	0.23	0.09	5.4	0.3	0.02	0.2	0.05	2
SA5090964	0.5	0.04	0.4	0.22	5.8	0.5	0.005	0.5	0.5	5.49	7	0.08	0.005	1.9	0.4	0.005	0.5	0.05	0.5
SA5090965	0.5	0.005	0.5	0.18	6.5	0.5	0.005	0.5	0.5	5.11	2.5	0.08	0.36	1.7	0.4	0.005	0.3	0.05	1
SA5090966	3	0.09	0.9	1.41	33.8	0.5	0.2	0.5	0.5	7.3	20	0.1	0.82	14.3	0.1	0.005	0.1	0.05	1
SA5090967	9	0.15	1.1	1.28	15.1	0.5	0.12	0.5	0.5	7.26	24	0.11	0.69	13.8	0.3	0.01	1.2	0.05	0.5
SA5090968	0.5	0.23	0.9	0.57	8.1	0.5	0.11	0.5	0.5	6.8	2.5	0.17	0.11	4.6	0.3	0.01	0.6	0.05	0.5
SA5090969	1	0.14	0.7	0.56	3.9	0.5	0.09	2	0.5	6.85	2.5	0.19	0.005	4.5	0.2	0.02	0.7	0.05	0.5
SA5090970	0.5	0.11	0.6	0.28	26.8	0.5	0.005	0.5	0.5	5.48	2.5	0.16	0.03	2.7	0.5	0.01	1.1	0.05	2
SA5090971	5	0.12	0.7	0.8	5.1	0.5	0.16	0.5	0.5	6.92	2.5	0.2	0.09	6	0.3	0.02	0.8	0.05	0.5
SA5090972	3	0.08	1.1	0.94	7.3	0.5	0.24	0.5	0.5	7.04	2.5	0.25	0.42	5.6	0.3	0.03	0.9	0.05	0.5
SA5090973	5	0.19	0.7	0.58	6.3	0.5	0.1	0.5	0.5	6.86	2.5	0.2	0.005	4.7	0.4	0.005	1	0.05	0.5
SA5090974	5	0.18	0.8	0.88	7.8	0.5	0.18	0.5	0.5	7.09	2.5	0.37	0.27	6.6	0.5	0.03	0.5	0.05	0.5
SA5090975	0.5	0.01	1.3	0.59	2.6	0.5	0.13	2	0.5	7.11	2.5	0.86	0.09	6	0.1	0.05	0.8	0.05	0.5
SA5090976	0.5	0.05	1	0.53	3.9	0.5	0.03	1	0.5	6.79	2.5	0.33	0.01	4.7	0.2	0.01	1	0.05	1
SA5090977	48	0.79	2.1	5.9	5	0.5	1.09	0.5	0.5	7.84	2.5	2.12	2.24	37.1	0.2	0.07	1.1	0.05	0.5
SA5090978	10	0.05	1.4	2.45	0.8	0.5	0.35	0.5	0.5	7.55	2.5	0.32	0.36	12.9	0.1	0.02	0.5	0.05	0.5
SA5090979	19	0.24	0.9	1.6	6.1	0.5	0.54	0.5	0.5	7.32	2.5	0.5	0.87	12.6	0.2	0.02	0.8	0.05	0.5
SA5090980	2	0.13	0.7	0.57	5.4	0.5	0.12	0.5	0.5	6.87	5	0.2	0.005	4.6	0.4	0.02	0.4	0.05	0.5
SA5090981	24	0.22	1.1	1.99	8.3	0.5	0.58	0.5	0.5	7.4	2.5	0.62	0.85	14.9	0.3	0.02	0.4	0.05	1
SA5090982	0.5	0.05	0.8	2.42	1.8	0.5	0.09	0.5	0.5	7.51	2.5	0.33	0.07	17.8	0.4	0.01	0.1	0.05	0.5
SA5090983	13	0.12	0.8	1.49	4.8	0.5	0.41	0.5	0.5	7.39	2.5	0.53	0.92	12	0.4	0.03	1.5	0.05	0.5
SA5090984	11	0.18	0.8	1.98	3	0.5	0.38	0.5	0.5	7.2	2.5	0.15	1.86	10.4	0.05	0.005	0.6	0.05	0.5
SA5090985	0.5	0.05	1.4	0.64	15.6	0.5	0.54	2	0.5	7.5	2.5	0.3	1.86	25.9	0.5	0.03	0.1	0.05	6
SA5090986	21	0.03	1.2	2.4	3.7	0.5	0.6	0.5	0.5	6.71	9	0.77	0.66	14.3	0.4	0.05	0.6	0.05	0.5
SA5090987	3	0.06	1	0.53	15.3	0.5	0.19	0.5	0.5	7.3	11	0.18	0.2	4.9	0.5	0.04	1.1	0.05	0.5
SA5090988	22	0.06	0.8	1.31	13.3	0.5	0.42	0.5	0.5	7.83	2.5	0.7	0.98	13.9	0.3	0.04	1.1	0.05	0.5
SA5090989	0.5	0.005	1.8	5.34	2	0.5	0.05	0.5	1	7.85	5	0.58	0.71	14.6	0.3	0.04	0.5	0.05	0.5
SA5090990	9	0.07	0.8	0.63	8.5	0.5	0.53	1	0.5	7	8	0.32	0.5	14.2	0.4	0.02	0.9	0.05	4
SA5090991	9	0.06	1.1	0.91	12.8	0.5	0.42	0.5	1	7.08	6	0.22	0.36	14.1	0.3	0.02	2	0.05	0.5
SA5090992	0.5	0.08	0.5	0.38	9.5	0.5	0.19	0.5	0.5	6.25	2.5	0.12	0.04	5	0.3	0.01	0.5	0.05	4
SA5090993	23	0.23	0.9	1.76	0.6	0.5	0.58	0.5	0.5	7.31	2.5	0.68	1.47	22.5	0.2	0.03	1.4	0.05	2
SA5090994	2	0.03	0.9	0.54	37.4	0.5	0.3	0.5	0.5	7.02	2.5	0.28	0.81	17.8	0.3	0.02	1.2	0.05	2
SA5090995	0.5	0.005	1.1	0.29	1.8	0.5	0.27	2	0.5	6.71	2.5	0.15	0.17	10.8	0.3	0.005	0.1	0.05	3
SA5090996	0.5	0.05	0.4	0.29	8.7	0.5	0.005	0.5	0.5	6.04	2.5	0.07	0.05	3	0.3	0.005	0.4	0.05	0.5
SA5090997	12	0.15	0.9	0.7	17.4	0.5	0.27	0.5	0.5	6.88	7	0.22	0.66	8	0.3	0.02	0.5	0.05	1
SA5090998	0.5	0.02	0.6	0.15	14.3	0.5	0.005	0.5	0.5	5.04	2.5	0.08	0.005	1.2	0.4	0.005	0.1	0.05	2
SA5090999	0.5	0.02	0.9	0.39	14.5	0.5	0.005	0.5	0.5	6.31	2.5	0.1	0.04	3.3	0.3	0.005	0.4	0.05	2
SA5091000	0.5	0.02	1.8	5.39	1.8	0.5	0.02	0.5	0.5	7.81	2.5	0.58	0.73	14.4	0.2	0.04	0.1	0.05	1
SA5091001	2	0.05	1.1	0.78	33.9	0.5	0.21	0.5	0.5	7.38	2.5	0.17	2.1	9.4	0.2	0.005	0.3	0.05	0.5
SA5091002	0.5	0.005	0.9	0.32	6.7	0.5	0.005	0.5	0.5	6.72	2.5	0.14	0.44	4	0.2	0.005	0.7	0.05	0.5
SA5091003	1	0.11	1.7	1.03	10.6	0.5	0.27	0.5	0.5	7.64	6	0.49	1.53	14.3	0.3	0.02	0.7	0.05	0.5
SA5091004	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
SA5091005	8	0.13	1	0.83	9.1	0.5	0.36	0.5	0.5	7.14	2.5	0.3	0.35	6.5	0.3	0.02	0.6	0.05	0.5
SA5091006	3	0.19	0.7	0.76	7.4	0.5	0.24	0.5	0.5	7.07	2.5	0.28	0.16	6	0.3	0.02	0.7	0.05	0.5
SA5091007	0.5	0.19	0.8	0.41	1.7	0.5	0.18	0.5	0.5	7.04	2.5	0.15	0.02	4.7	0.2	0.01	0.3	0.05	0.5
SA5091008	0.5	0.07	0.5	0.1	14.3	0.5	0.04	0.5	0.5	6.05	6	0.06	0.03	1.7	0.2	0.005	0.5	0.05	1
SA5091009	6	0.15	0.6	1.24	3.2	0.5	0.41	0.5	0.5	7.11	2.5	0.76	0.75	9	0.4	0.02	0.3	0.05	0.5
SA5091010	8	0.22	3	4.17	16.7	0.5	0.76	4	1	7.16	2.5	15.32	2.01	310.6	0.2	0.02	0.1	0.05	0.5
SA5091011	8	0.1	1	2.87	1.4	0.5	0.54	4	1	7.5	2.5	0.88	1.09	9.5	0.3	0.03	0.1	0.05	0.5
SA5091012	0.5	0.08	1	1.57	1.3	0.5	0.26	4	0.5	7.18	2.5	0.41	0.12	8.6	0.1	0.01	0.8	0.05	1
SA5091013	0.5	0.11	0.2	0.4	3.2	0.5	0.17	1	0.5	6.33	2.5	0.11	0.09	1.6	0.3	0.005	0.1	0.05	2

Appendix 1 - Open File 023I/0101

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
SA5091014	12	0.19	1.2	2.6	0.25	0.5	0.58	0.5	0.5	7.48	2.5	1.21	1.27	16.9	0.2	0.03	0.2	0.05	0.5
SA5091015	24	0.51	0.8	2.6	0.6	0.5	0.51	2	0.5	7.39	2.5	0.99	1.69	9.9	0.2	0.02	0.4	0.05	2
SA5091016	17	0.09	1.1	0.88	3.2	0.5	0.99	2	0.5	7.01	2.5	0.3	1.73	11.2	0.2	0.02	0.8	0.05	2
SA5091017	8	0.1	0.7	0.53	2.2	0.5	0.6	0.5	0.5	6.91	2.5	0.25	0.74	9	0.2	0.01	0.1	0.05	0.5
SA5091018	8	0.005	1	0.56	1.5	0.5	0.89	2	0.5	7.01	2.5	0.3	1.13	11.8	0.3	0.02	0.3	0.05	4
SA5091019	71	0.42	1.4	2.25	31.1	0.5	0.69	1	0.5	6.89	2.5	4.04	1.33	11.8	0.3	0.005	0.9	0.05	3
SA5091020	15	0.16	2.7	4.03	10.8	0.5	0.78	0.5	0.5	7.18	2.5	14.54	1.97	305.4	0.05	0.02	0.6	0.05	0.5
SA5091021	0.5	0.02	0.8	0.38	9.5	0.5	0.32	0.5	0.5	6.19	2.5	0.13	0.06	4.7	0.4	0.01	0.8	0.05	2
SA5091022	12	0.05	1.1	0.93	14.2	0.5	0.67	0.5	0.5	7.05	7	0.29	0.22	13.1	0.3	0.02	0.1	0.05	2
SA5091023	25	0.04	1	1.45	53.3	0.5	0.98	0.5	0.5	7.19	7	0.29	1.3	15.1	0.4	0.02	0.4	0.05	1
SA5091024	21	0.15	1	1.79	22.4	0.5	0.94	2	0.5	7.33	6	0.56	1.7	26.5	0.3	0.03	1.2	0.05	4
SA5091025	11	0.08	0.9	1	1.9	0.5	0.46	0.5	0.5	6.69	2.5	0.51	0.09	5.1	0.2	0.01	0.3	0.05	1
SA5091026	20	0.16	1.2	1.05	3.2	0.5	0.75	0.5	0.5	7.09	2.5	0.36	0.84	8.9	0.2	0.02	0.1	0.05	1
SA5091027	20	0.3	1.6	2.13	1.1	0.5	0.69	0.5	0.5	7.18	2.5	1.65	1.59	13.8	0.3	0.02	0.1	0.05	0.5
SA5091028	0.5	0.005	0.3	0.1	19.7	0.5	0.24	0.5	0.5	5.88	2.5	0.03	0.14	2.7	0.2	0.005	0.1	0.05	3
SA5091029	-9	0.47	-9	0.95	46.7	-9	0.77	-9	-9	-9	-9	0.57	1.79	-9	-9	0.04	-9	-9	-9
SA5091030	0.5	0.09	0.4	0.19	7.5	0.5	0.2	0.5	0.5	6.16	2.5	0.08	0.04	1.1	0.3	0.005	1.2	0.05	2
SA5091031	5	0.05	0.5	0.49	6.1	0.5	0.44	0.5	0.5	6.57	2.5	0.11	0.09	3.7	0.3	0.005	0.1	0.05	0.5
SA5091032	3	0.18	0.7	0.79	2.2	0.5	0.59	0.5	0.5	7.03	2.5	0.43	0.25	6	0.4	0.03	0.8	0.05	0.5
SA5091033	3	0.19	1.1	0.85	5.5	0.5	0.62	0.5	0.5	7.08	6	0.42	0.22	6.3	0.3	0.03	0.1	0.05	1
SA5091034	0.5	0.12	1.3	0.89	20.8	0.5	0.5	0.5	0.5	7.41	2.5	0.4	1.41	9.4	0.4	0.02	0.1	0.05	0.5
SA5091035	3	0.12	0.9	0.9	3.3	0.5	0.42	0.5	0.5	7.11	2.5	0.4	0.27	6.9	0.3	0.02	0.1	0.05	0.5
SA5091036	0.5	0.04	1.1	0.55	5.1	0.5	0.25	0.5	0.5	7.15	2.5	0.09	0.55	5	0.3	0.005	0.7	0.05	0.5
SA5091037	0.5	0.08	0.7	0.56	5.4	0.5	0.28	0.5	0.5	6.35	2.5	0.31	0.19	3.5	1	0.03	0.7	0.05	1
SA5091038	5	0.1	0.6	1.06	7.6	0.5	0.76	0.5	0.5	7.16	2.5	0.16	0.53	7.7	0.4	0.01	0.9	0.05	0.5
SA5091039	30	0.15	1.3	0.83	2.3	0.5	1.01	5	0.5	7.01	2.5	0.91	1.71	7.9	0.4	0.02	0.1	0.05	0.5
SA5091040	33	0.01	1.2	1.43	20.9	0.5	0.99	0.5	0.5	7.19	2.5	0.3	1.39	15.2	0.4	0.02	0.1	0.05	1
SA5091041	29	0.19	1.4	1.37	6.5	0.5	0.84	0.5	0.5	7.2	6	0.78	0.96	12.8	0.3	0.04	0.5	0.05	0.5
SA5091042	16	0.15	1.4	1.57	1.7	0.5	0.63	0.5	0.5	7.3	2.5	0.65	0.93	15.9	0.2	0.03	0.6	0.05	0.5
SA5091043	14	0.16	1.3	1.65	0.7	0.5	0.6	0.5	0.5	7.32	2.5	0.73	1	16.1	0.1	0.05	1.2	0.05	0.5
SA5091044	15	0.18	1	1.6	1.6	0.5	0.62	0.5	0.5	7.31	2.5	0.69	1.02	16	0.3	0.04	0.6	0.05	0.5
SA5091045	5	0.12	1.3	1.61	5	0.5	0.82	0.5	0.5	7.33	2.5	0.22	0.74	14.1	0.3	0.01	1.3	0.05	1
SA5091046	15	0.17	1.2	1.59	2.8	0.5	0.63	0.5	0.5	7.31	2.5	0.7	0.98	16	0.3	0.02	0.1	0.05	0.5
SA5091047	16	0.15	1.1	1.6	2.8	0.5	0.6	0.5	0.5	7.32	2.5	0.7	1.03	15.9	0.2	0.02	0.1	0.05	0.5
SA5091048	3	0.32	0.8	0.82	2.1	0.5	0.38	0.5	4	7.19	2.5	0.35	0.18	7.9	0.1	0.01	1.1	0.05	0.5
SA5091049	6	0.19	0.7	1.65	17	0.5	0.91	2	0.5	7.39	2.5	0.25	0.89	14.3	0.5	0.02	0.1	0.05	0.5
SA5091050	27	0.75	1.6	1.88	9.9	0.5	1.19	0.5	0.5	7.56	2.5	0.63	2.04	23.1	0.3	0.01	1.3	0.05	0.5
SA5091051	25	0.16	1	1.49	27.7	0.5	0.82	0.5	0.5	7.3	2.5	0.37	1.22	12.3	0.5	0.02	0.5	0.05	0.5
SA5091052	20	0.11	1.2	1.01	15.7	0.5	0.68	0.5	0.5	7.05	2.5	0.34	0.58	7.9	0.2	0.02	0.7	0.05	0.5
SA5091053	30	0.04	1.5	2.54	209.8	0.5	1.02	0.5	0.5	7.45	7	0.43	1.94	22.4	0.3	0.005	0.9	0.05	0.5
SA5091054	34	0.23	1.1	1.85	8.4	0.5	0.88	0.5	0.5	7.32	5	0.51	1.28	15.7	0.4	0.06	0.4	0.05	0.5
SA5091055	32	0.2	1.3	1.87	2.4	0.5	0.91	0.5	0.5	7.32	2.5	0.54	1.76	14.4	0.4	0.02	0.5	0.05	0.5
SA5091056	0.5	0.005	0.3	0.06	7.3	0.5	0.16	0.5	0.5	5.17	2.5	0.07	0.005	0.4	0.4	0.005	0.8	0.05	21
SA5091057	60	0.8	2.5	3.09	131.1	0.5	0.94	3	0.5	7.4	12	1.83	3.93	13.2	0.1	0.01	0.1	0.05	3
SA5091058	17	0.16	1.4	1.63	6	0.5	0.65	0.5	0.5	7.33	2.5	0.69	1.04	16	0.3	0.02	0.1	0.05	0.5
SA5091059	20	0.13	1	1.33	4	0.5	0.86	0.5	0.5	7.23	2.5	0.4	2.07	10.7	0.2	0.01	0.7	0.05	0.5
SA5091060	16	0.14	0.9	1.6	2.8	0.5	0.62	0.5	0.5	7	2.5	0.68	0.91	18.5	0.2	0.03	0.8	0.05	0.5
SA5091061	16	0.08	1.1	2.7	2	0.5	0.76	0.5	0.5	7.32	9	1.37	0.28	69	0.2	0.07	0.6	0.05	0.5
SA5091062	13	0.17	1	1.58	1.5	0.5	0.59	0.5	0.5	7.43	2.5	0.68	0.94	17.4	0.3	0.02	0.1	0.05	0.5
SA5091063	26	0.12	1.8	2	12.6	0.5	0.8	0.5	0.5	7.43	5	0.74	1.07	13.8	0.2	0.02	0.1	0.05	0.5
SA5091064	25	0.15	1.1	1.82	11.6	0.5	0.73	0.5	0.5	7.4	2.5	0.67	0.91	13.3	0.4	0.02	1.2	0.05	0.5
SA5091065	27	0.13	1.1	1.81	8.3	0.5	0.7	0.5	0.5	7.41	2.5	0.65	0.79	12.9	0.1	0.03	0.1	0.05	0.5
SA5091066	0.5	0.09	0.7	0.52	5.4	0.5	0.45	0.5	0.5	6.73	2.5	0.26	0.95	6.3	0.2	0.04	0.3	0.05	0.5
SA5091067	0.5	0.005	0.6	0.46	5.3	0.5	0.5	3	0.5	6.6	2.5	0.15	0.49	4.2	0.5	0.02	0.7	0.05	1
SA5091068	1	0.12	0.8	0.83	0.9	0.5	0.52	0.5	0.5	7.1	2.5	0.4	0.68	17.5	0.2	0.04	0.5	0.05	0.5
SA5091069	18	0.13	0.7	1.68	10.2	0.5	0.68	0.5	0.5	7.27	7	0.79	0.46	33.5	0.2	0.05	0.9	0.05	0.5

Appendix 2 – Figures 33-79
Symbol Plots of Element Distributions of Sediment Data for the Knox Lake Area

Figure 33. Silver (Ag6) in lake sediment 169
Figure 34. Aluminum (Al2) in lake sediment 170
Figure 35. Arsenic (As2) in lake sediment 171
Figure 36. Gold (Au1) in lake sediment 172
Figure 37. Barium (Ba1) in lake sediment 173
Figure 38. Barium (Ba2) in lake sediment 174
Figure 39. Beryllium (Be2) in lake sediment 175
Figure 40. Bromine (Br1) in lake sediment 176
Figure 41. Calcium (Ca2) in lake sediment 177
Figure 42. Cadmium (Cd2) in lake sediment 178
Figure 43. Cerium (Ce1) in lake sediment 179
Figure 44. Cerium (Ce2) in lake sediment 180
Figure 45. Cobalt (Co1) in lake sediment 181
Figure 46. Cobalt (Co2) in lake sediment 182
Figure 47. Chromium (Cr1) in lake sediment 183
Figure 48. Chromium (Cr2) in lake sediment 184
Figure 49. Cesium (Cs1) in lake sediment 185
Figure 50. Copper (Cu2) in lake sediment 186
Figure 51. Dysprosium (Dy2) in lake sediment 187
Figure 52. Europium (Eu1) in lake sediment 188
Figure 53. Iron (Fe1) in lake sediment 189
Figure 54. Hafnium (Hf1) in lake sediment 190
Figure 55. Potassium (K2) in lake sediment 191
Figure 56. Lanthanum (La1) in lake sediment 192
Figure 57 Lanthanum (La2) in lake sediment 193
Figure 58. Lithium (Li2) in lake sediment 194
Figure 59. Lutetium (Lu1) in lake sediment 195
Figure 60. Magnesium (Mg2) in lake sediment 196
Figure 61. Molybdenum (Mo1) in lake sediment 197
Figure 62. Molybdenum (Mo2) in lake sediment 198
Figure 63. Sodium (Na2) in lake sediment 199
Figure 64. Niobium (Nb2) in lake sediment 200
Figure 65. Rubidium (Rb1) in lake sediment 201
Figure 66. Rubidium (Rb2) in lake sediment 202
Figure 67. Antimony (Sb1) in lake sediment 203
Figure 68. Scandium (Sc1) in lake sediment 204
Figure 69. Scandium (Sc2) in lake sediment 205
Figure 70. Strontium (Sr2) in lake sediment 206
Figure 71. Tantalum (Ta1) in lake sediment 207
Figure 72. Terbium (Tb1) in lake sediment 208
Figure 73. Thorium (Th1) in lake sediment 209
Figure 74. Titanium (Ti2) in lake sediment 210
Figure 75. Vanadium (V2) in lake sediment 211
Figure 76. Ytterbium (Yb1) in lake sediment 212
Figure 77. Zinc (Zn2) in lake sediment 213
Figure 78. Zirconium (Zr1) in lake sediment 214
Figure 79. Zirconium (Zr2) in lake sediment 215

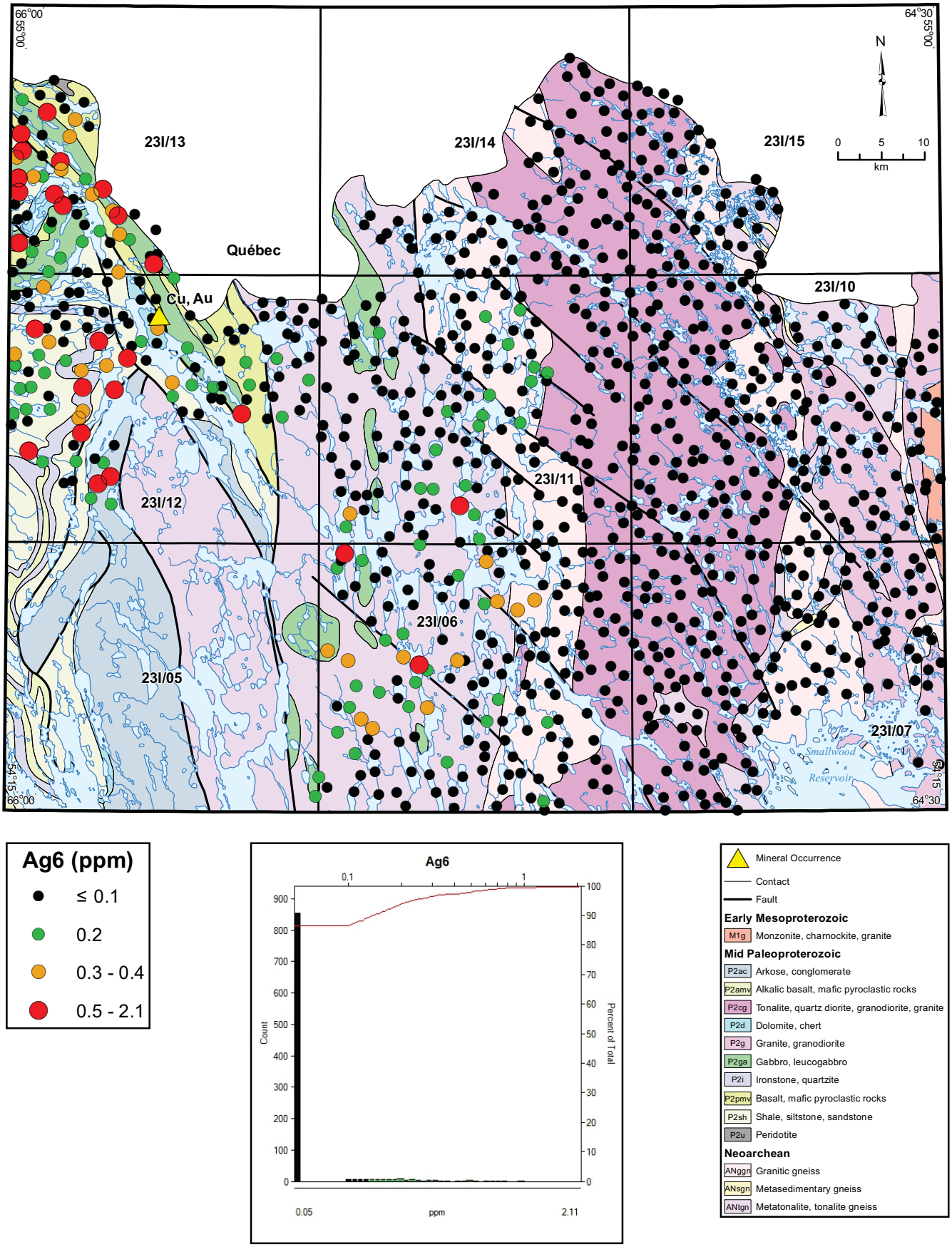


Figure 33. *Silver (Ag6) in lake sediment.*

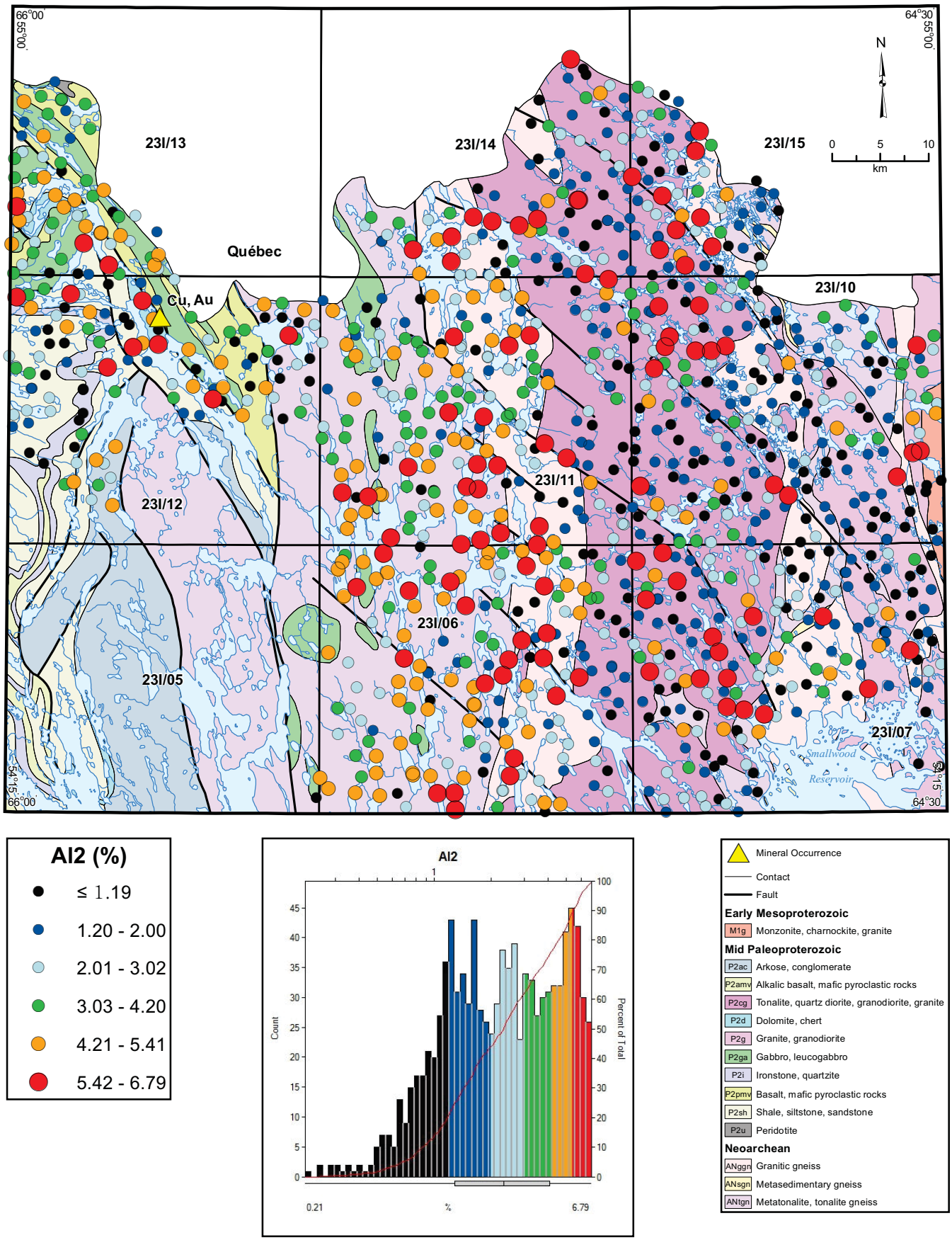


Figure 34. *Aluminum (Al2) in lake sediment.*

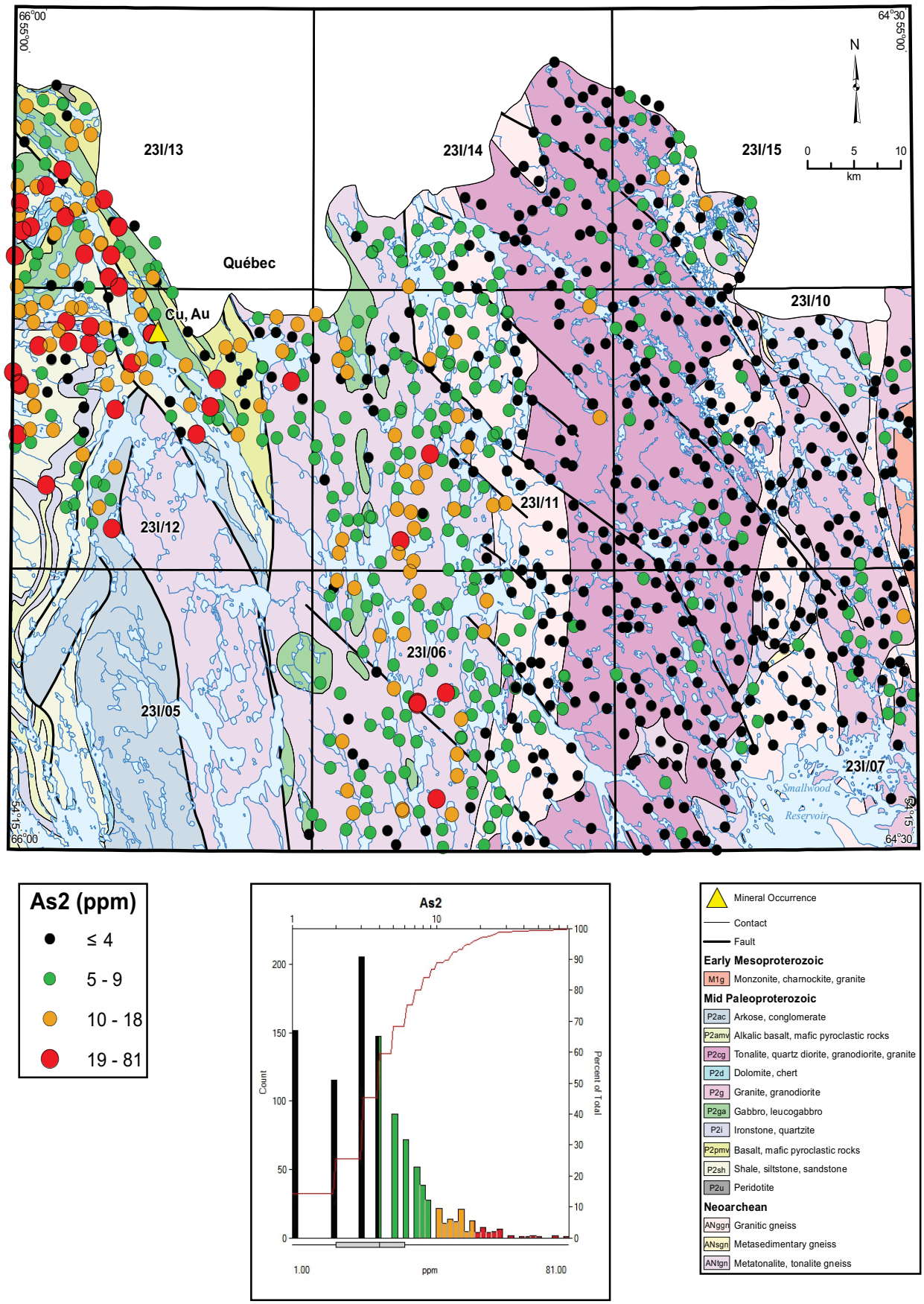


Figure 35. *Arsenic (As2) in lake sediment.*

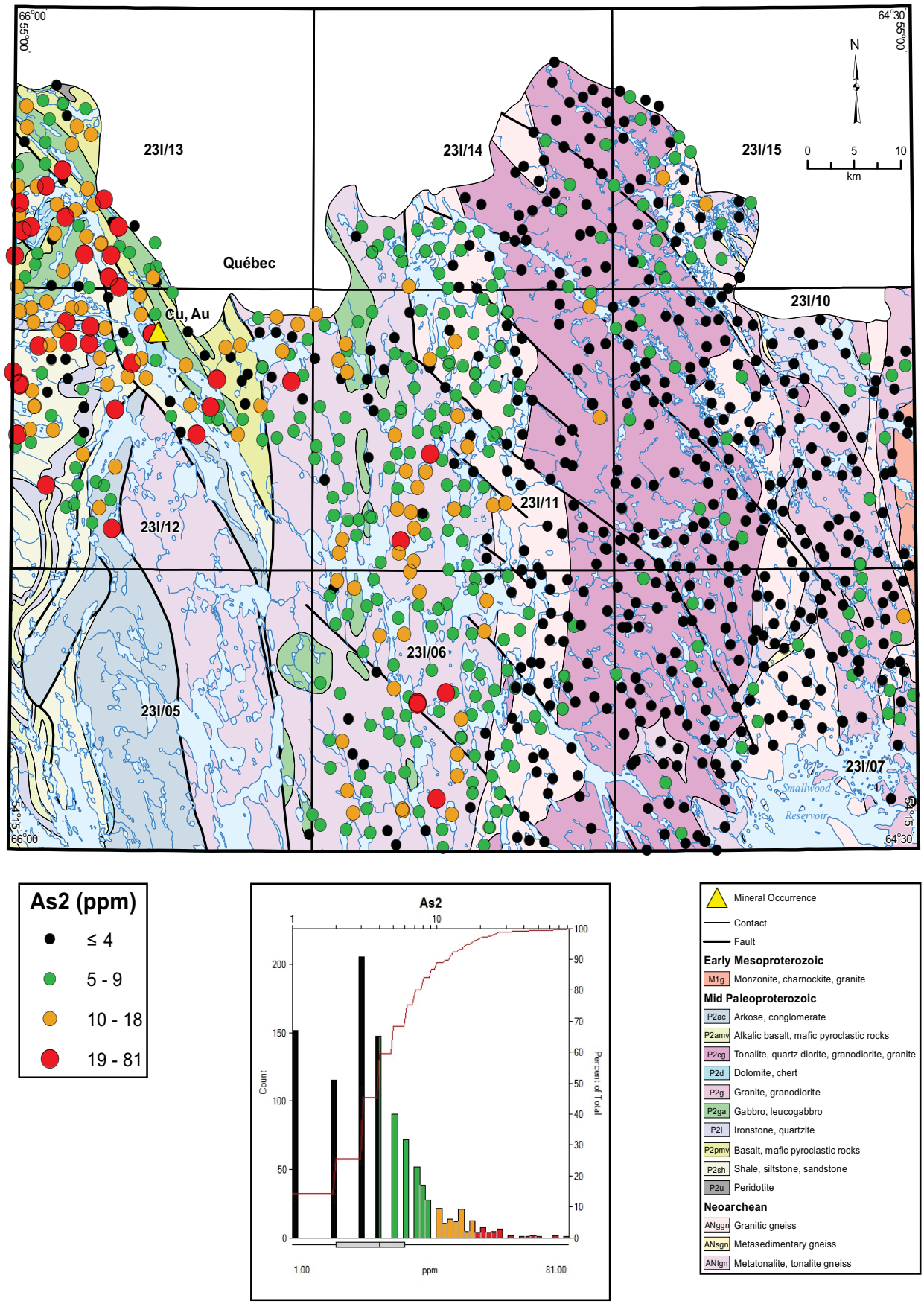


Figure 36. *Gold (Au1) in lake sediment.*

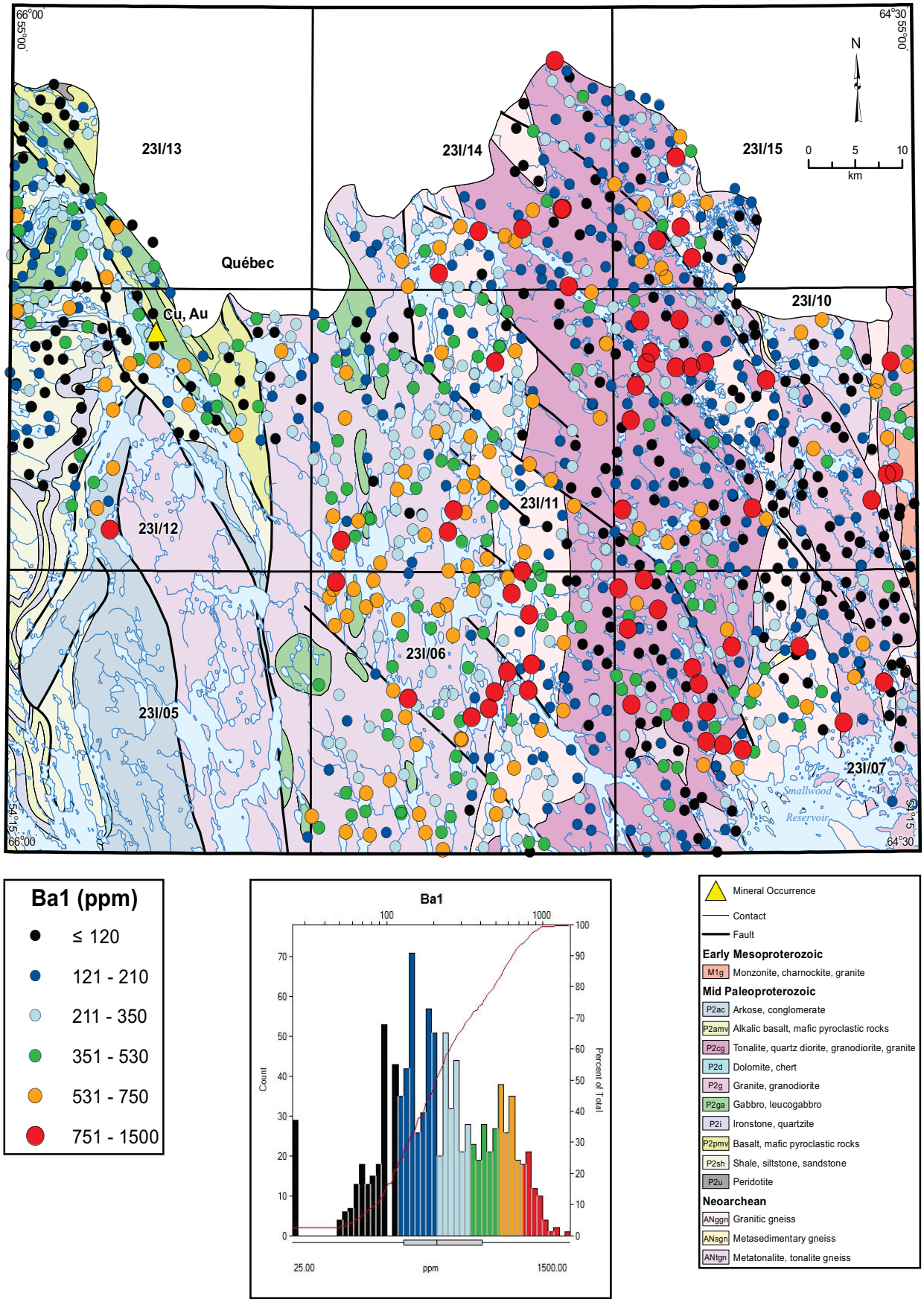


Figure 37. *Barium (Ba1) in lake sediment.*

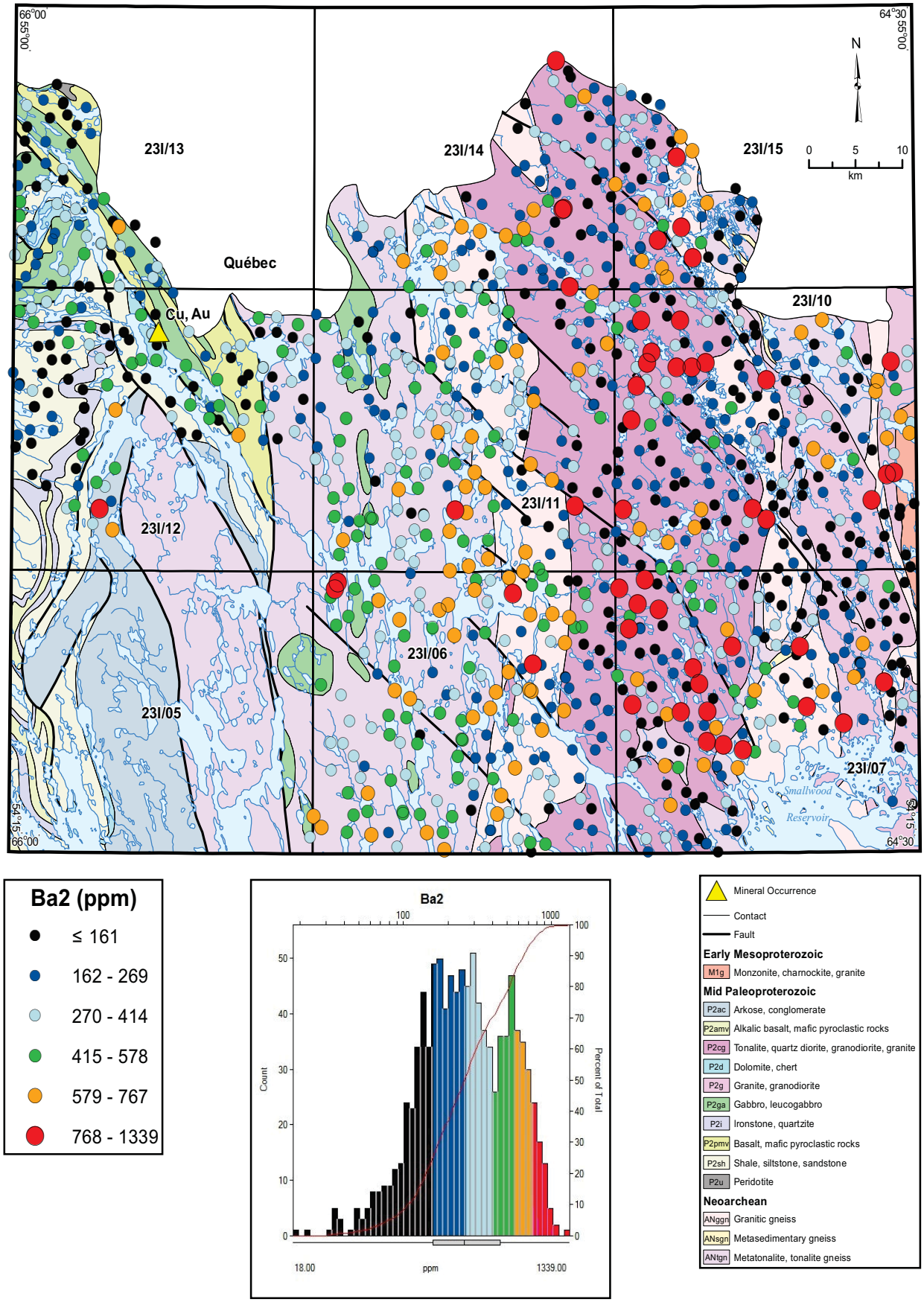


Figure 38. *Barium (Ba2) in lake sediment.*

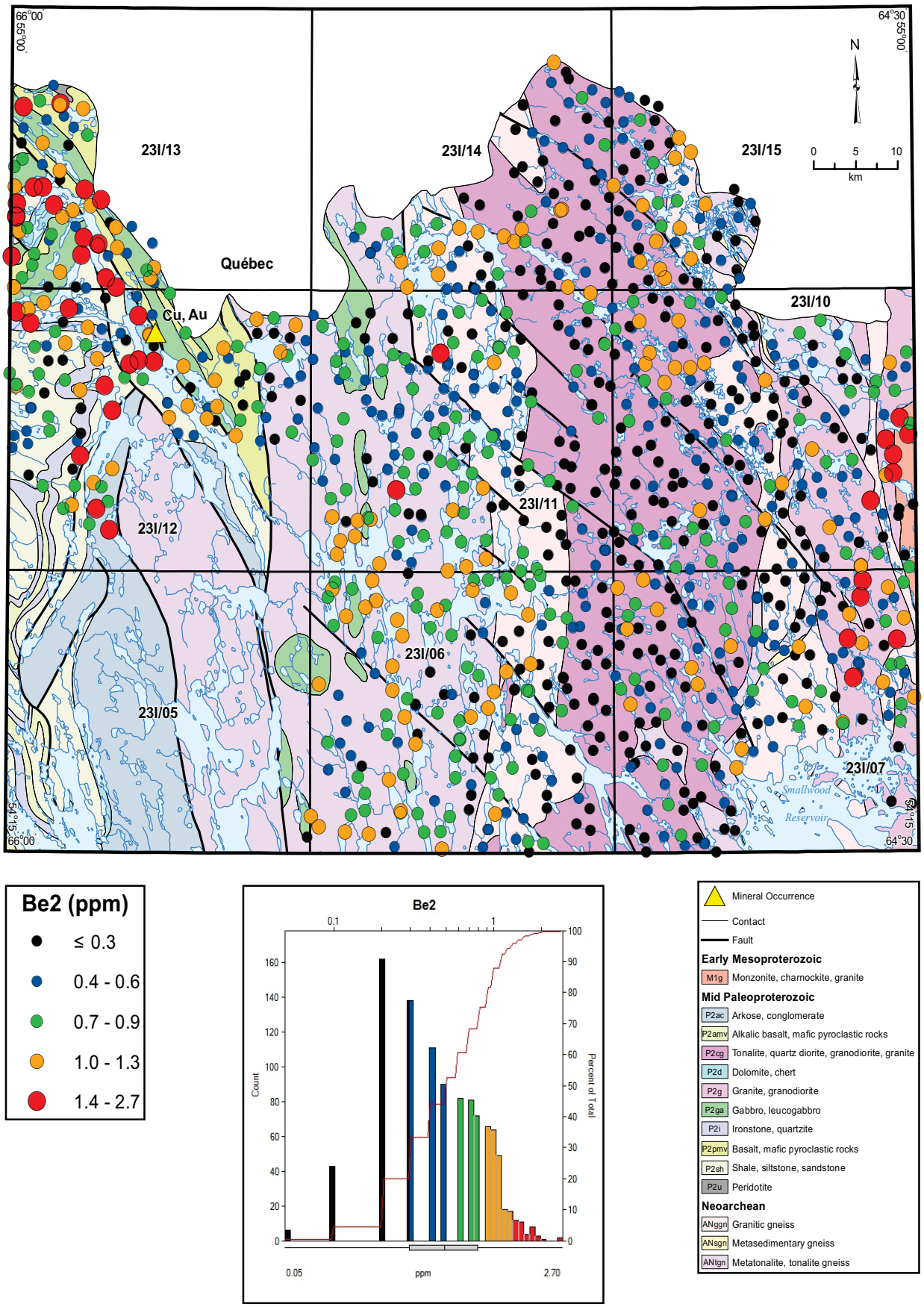


Figure 39. *Beryllium (Be2) in lake sediment.*

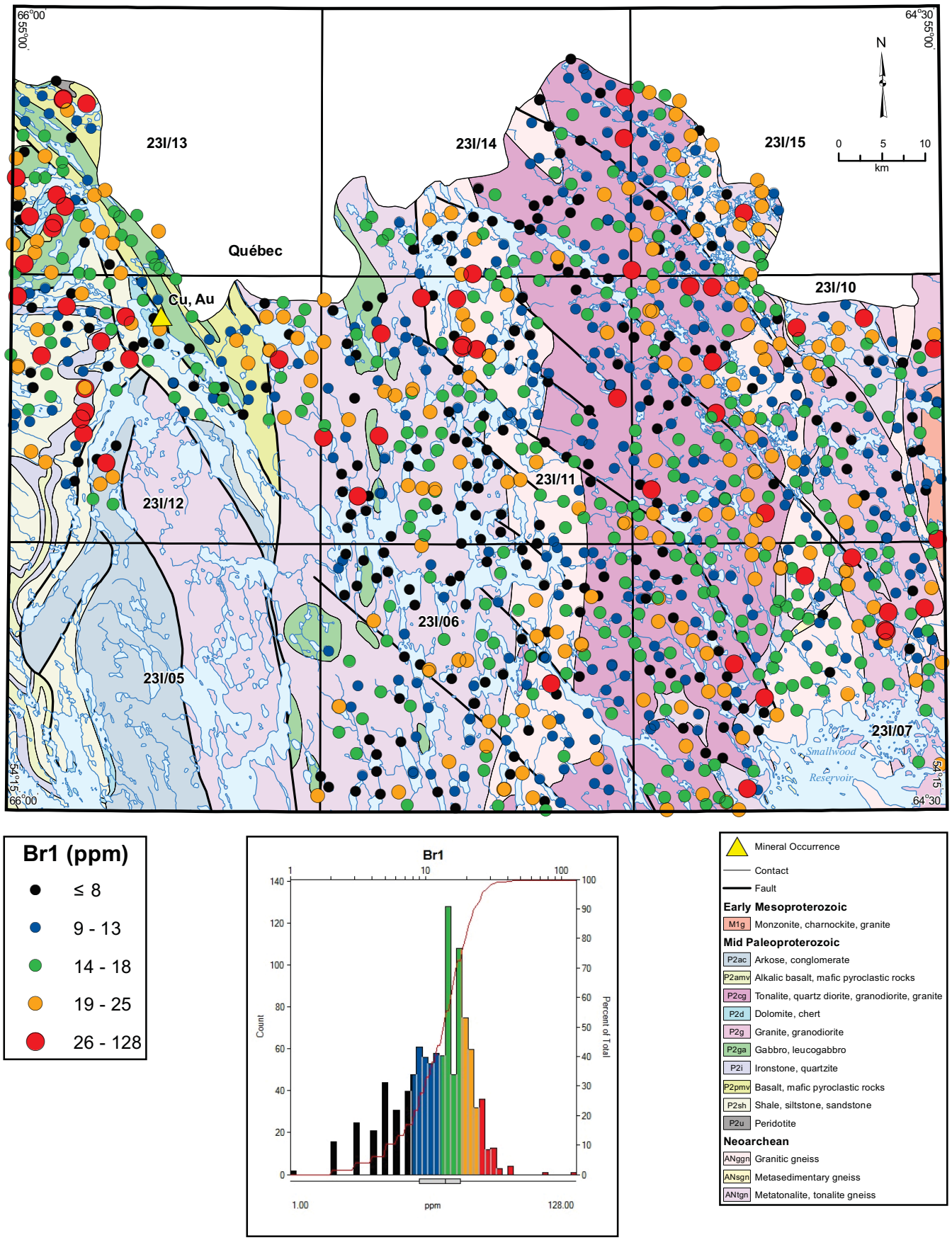


Figure 40. *Bromine (Br1) in lake sediment.*

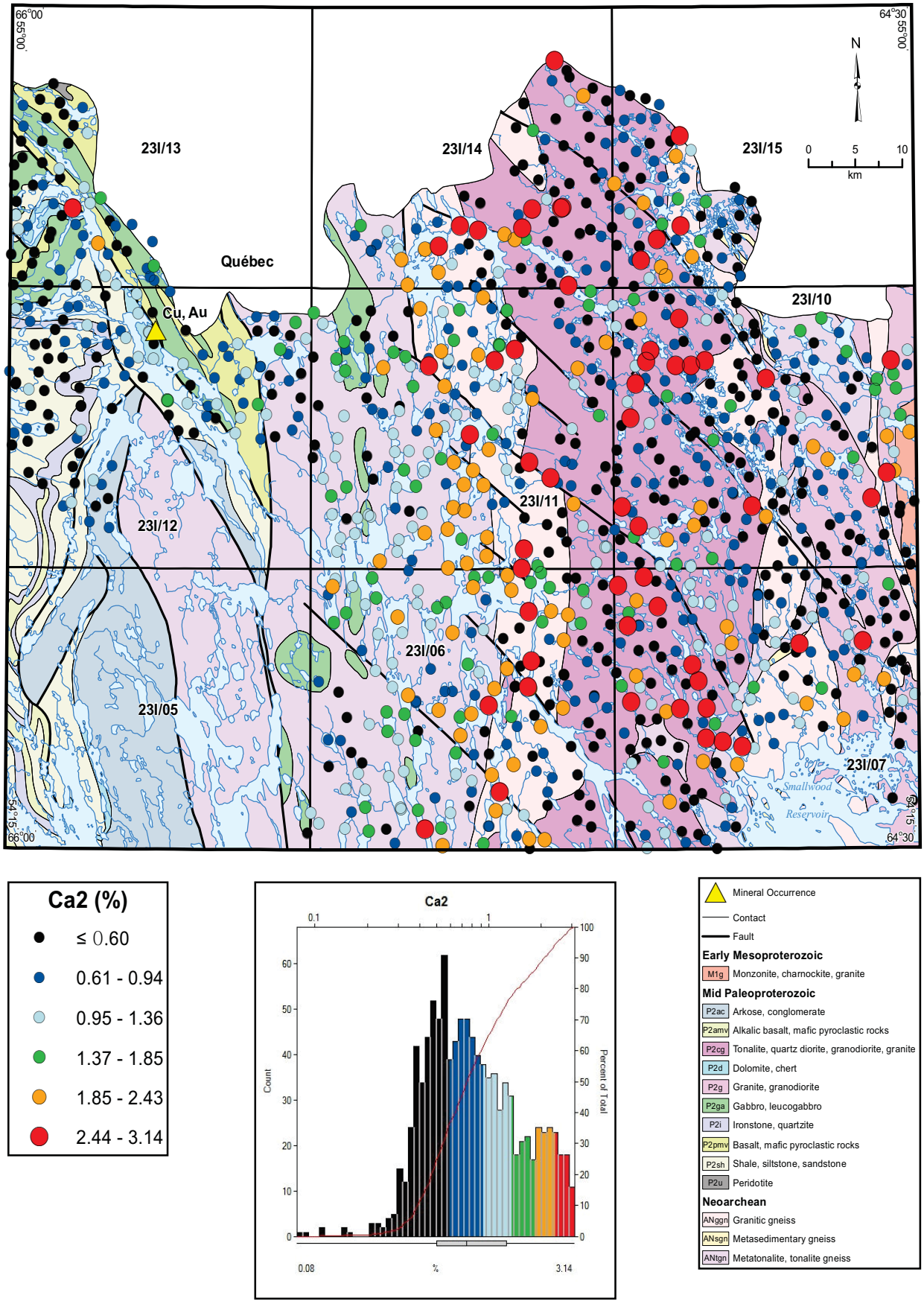
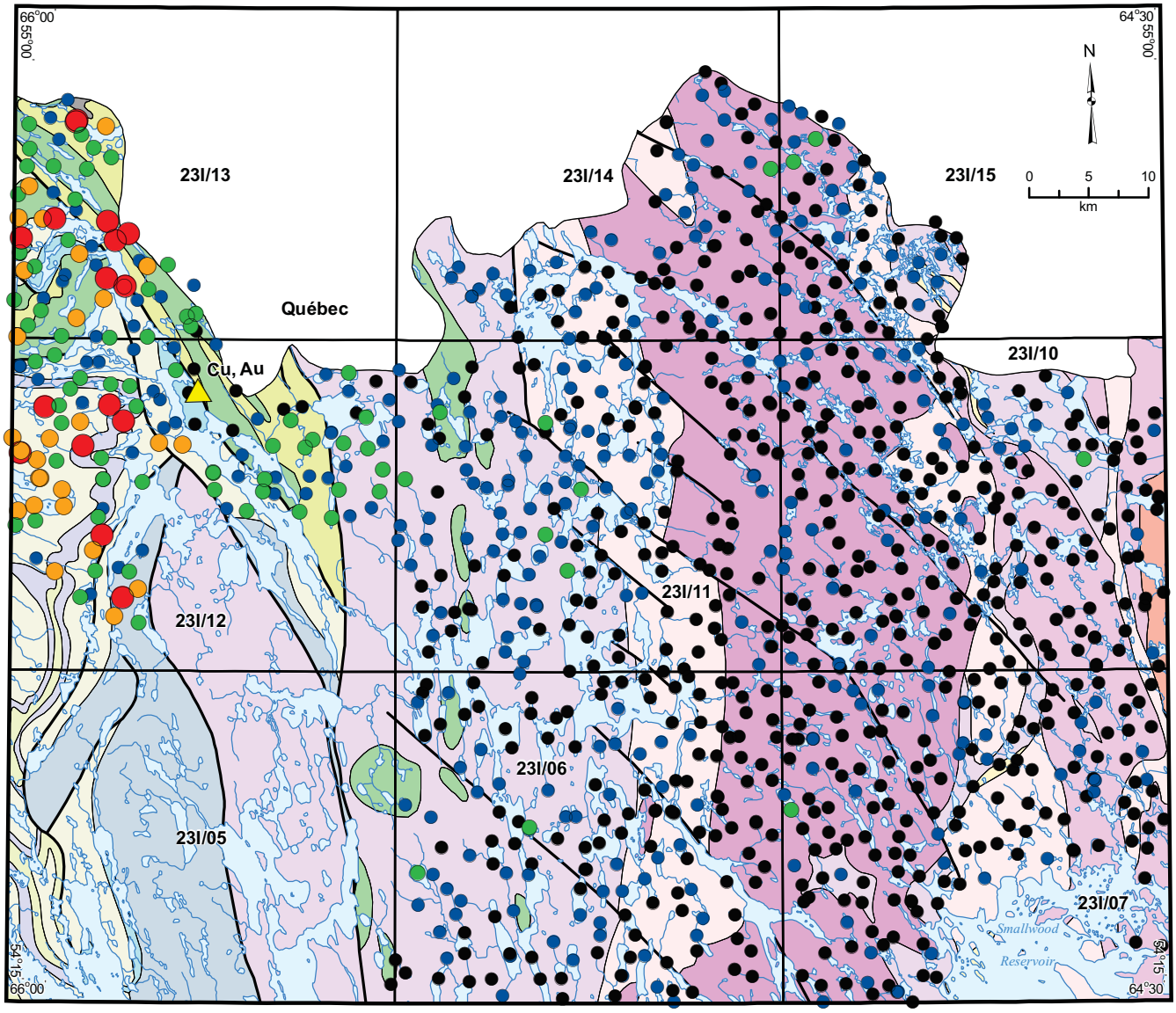
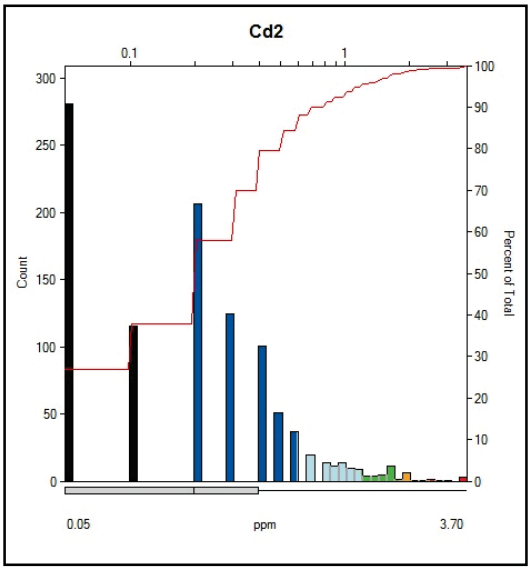


Figure 41. *Calcium (Ca2) in lake sediment.*



Cd2 (ppm)

- ≤ 0.2
- 0.3 - 0.6
- 0.7 - 1.2
- 1.3 - 1.8
- 1.9 - 3.7



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g Monzonite, charnockite, granite

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- P2ac Arkose, conglomerate
- P2amv Alkalic basalt, mafic pyroclastic rocks
- P2cg Tonalite, quartz diorite, granodiorite, granite
- P2d Dolomite, chert
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

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

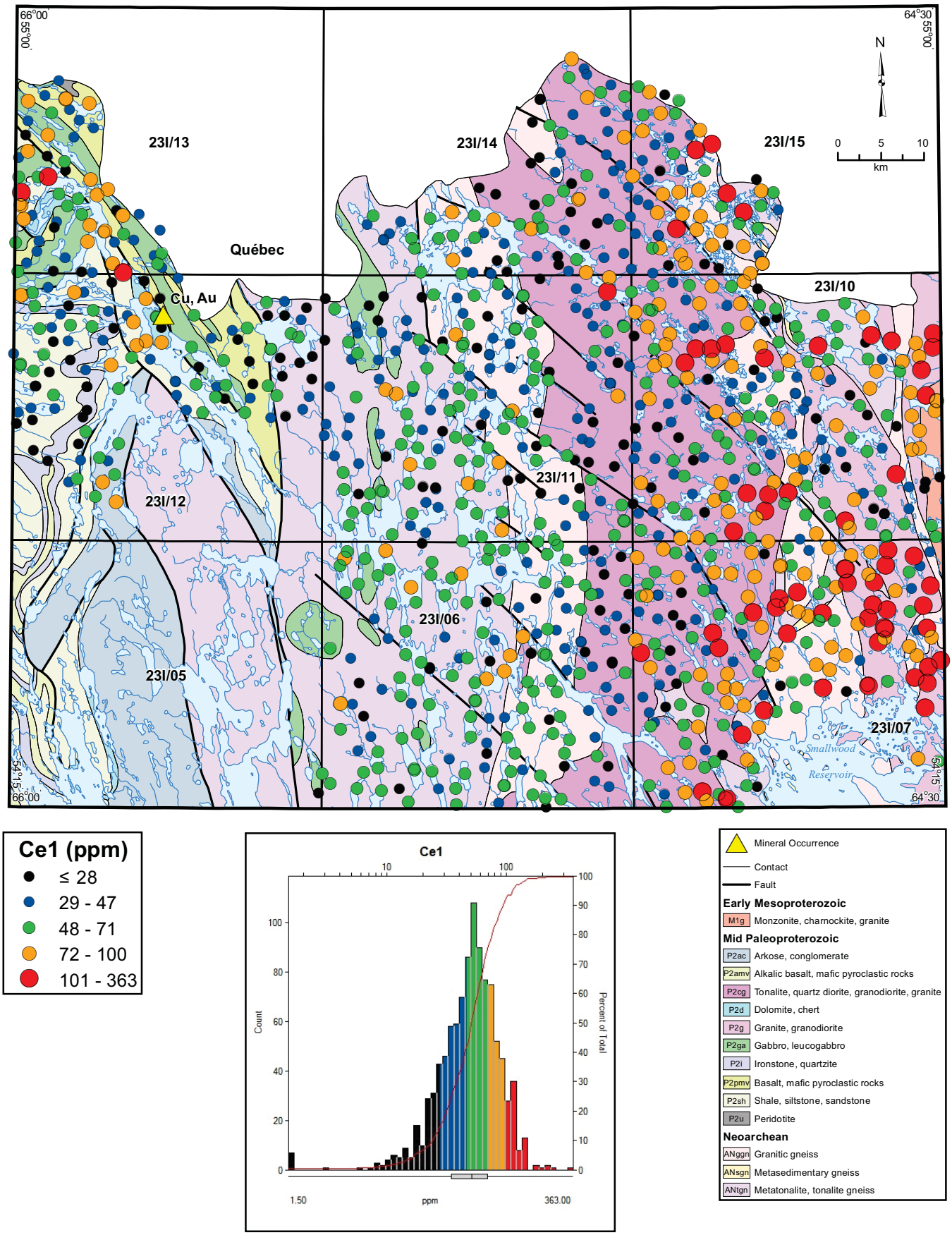


Figure 43. *Cerium (Ce1) in lake sediment.*

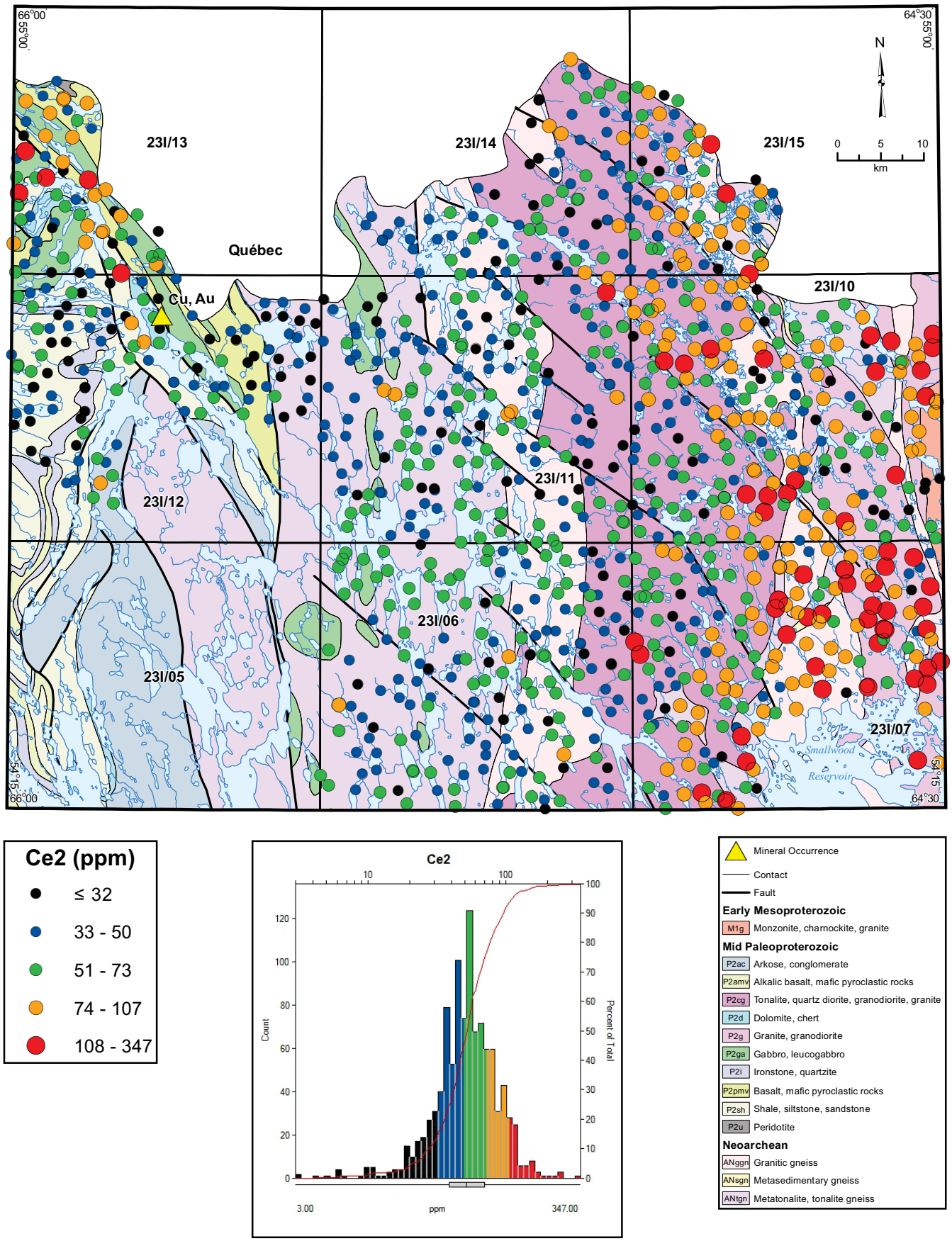


Figure 44. *Cerium (Ce2) in lake sediment.*

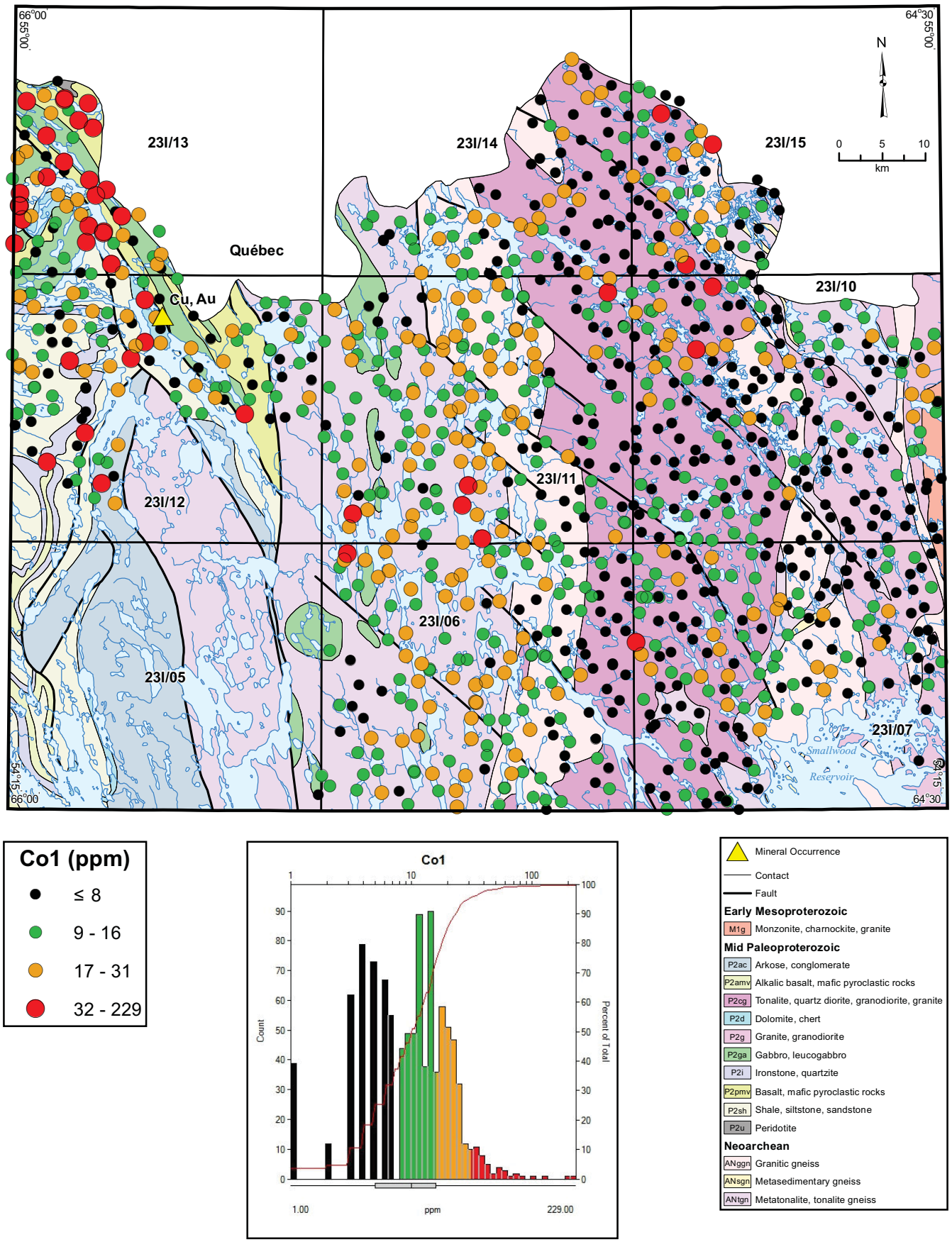


Figure 45. *Cobalt (Co1) in lake sediment.*

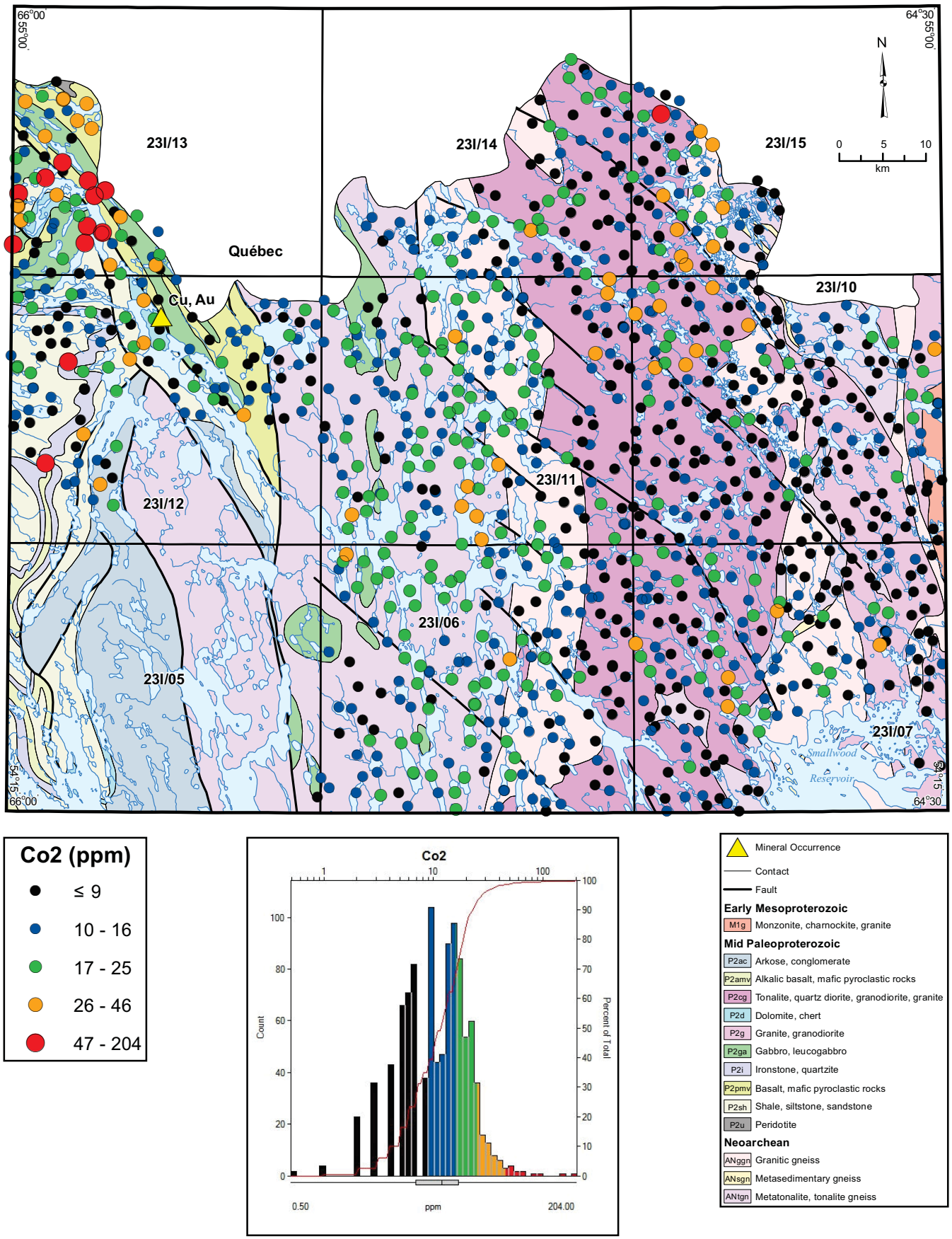


Figure 46. *Cobalt (Co2) in lake sediment.*

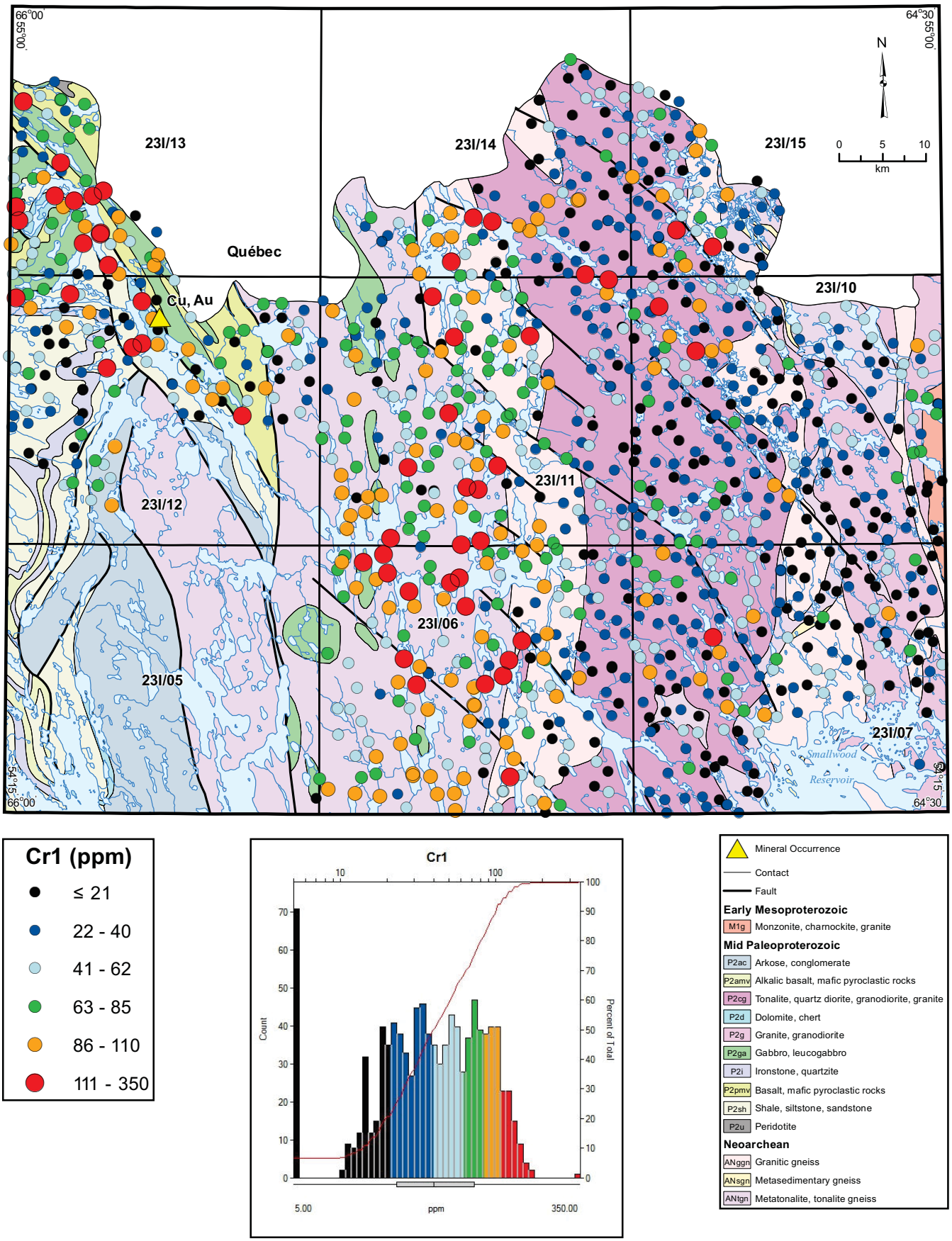


Figure 47. *Chromium (Cr1) in lake sediment.*

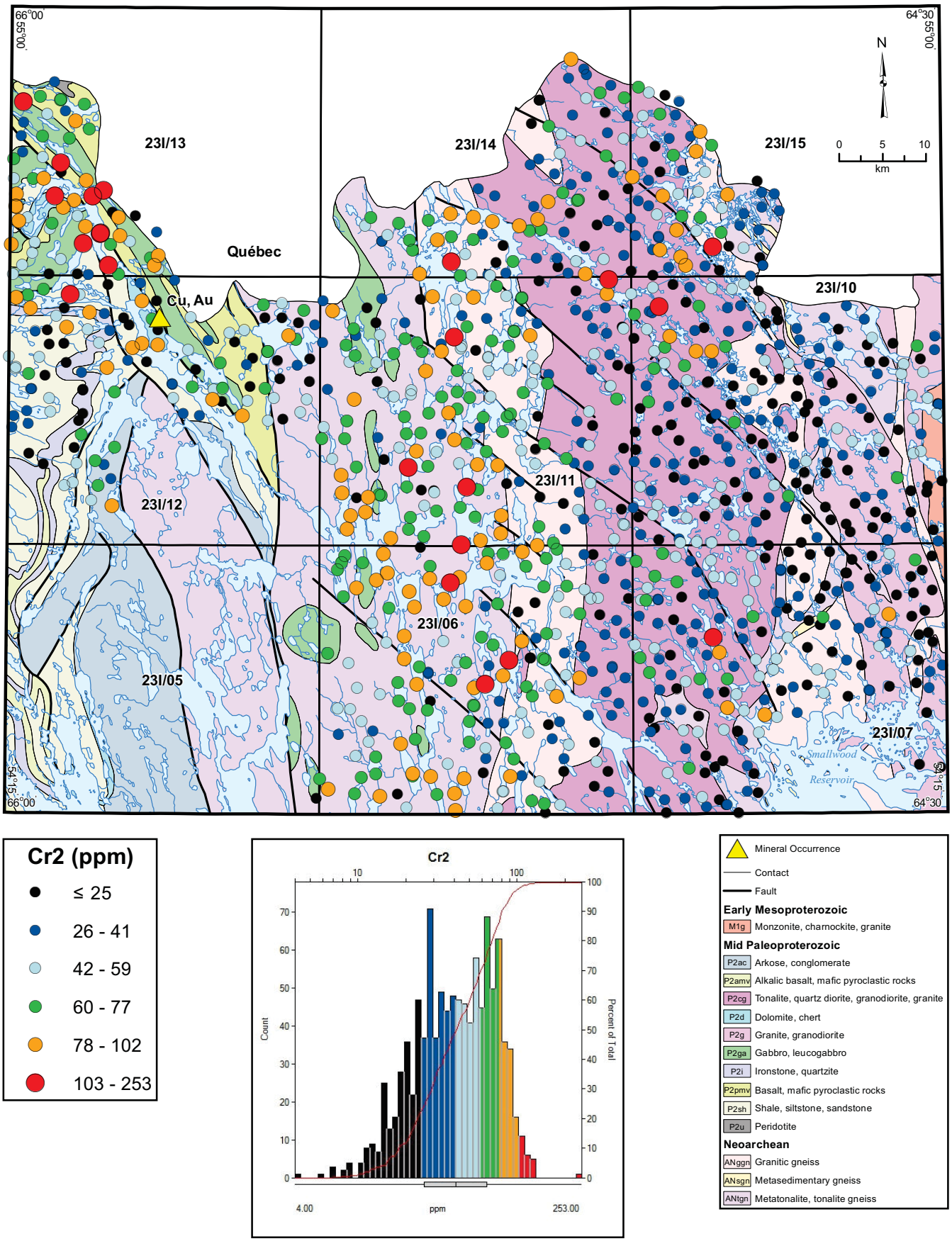


Figure 48. *Chromium (Cr2) in lake sediment.*

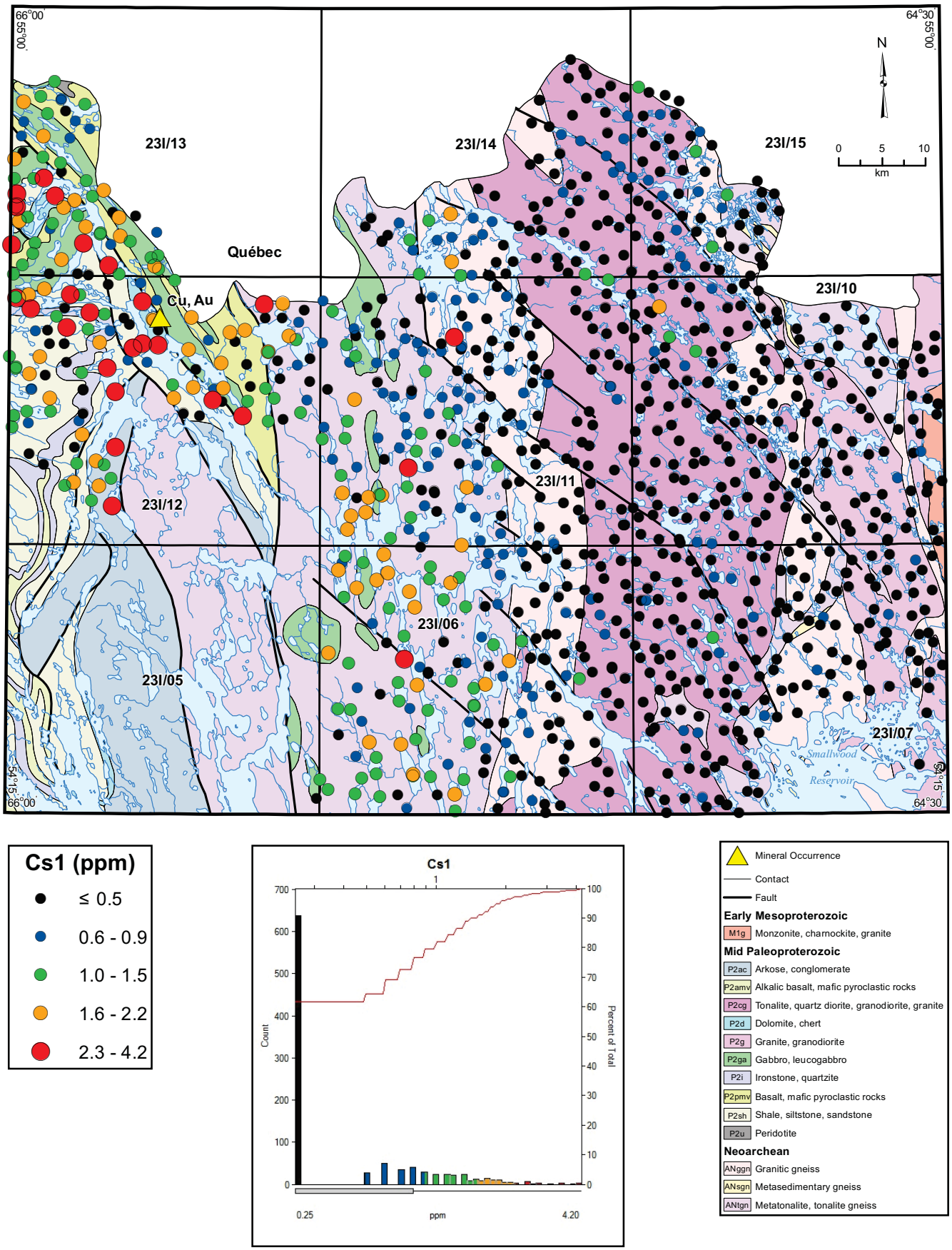


Figure 49. *Cesium (Cs1) in lake sediment.*

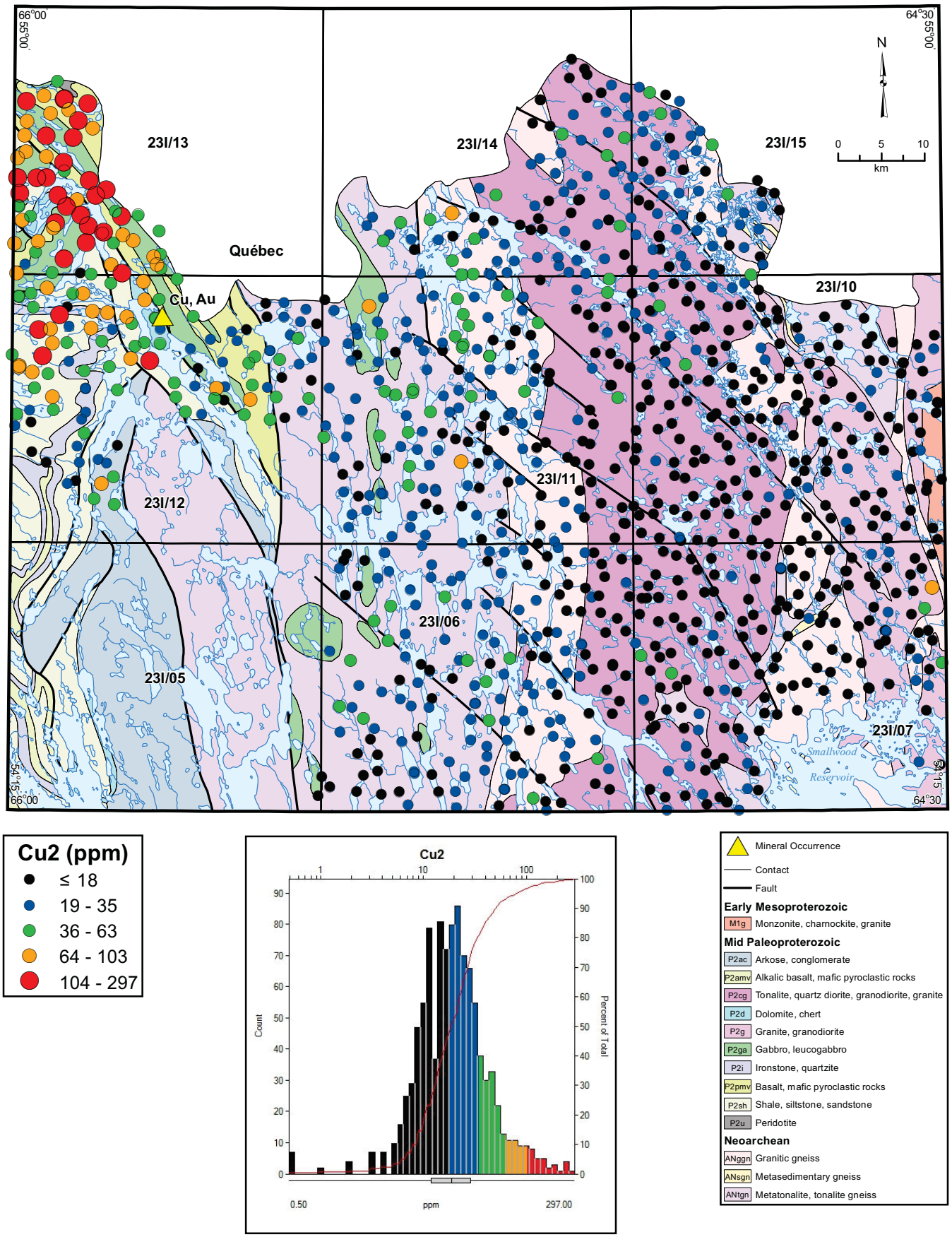


Figure 50. *Copper (Cu2) in lake sediment.*

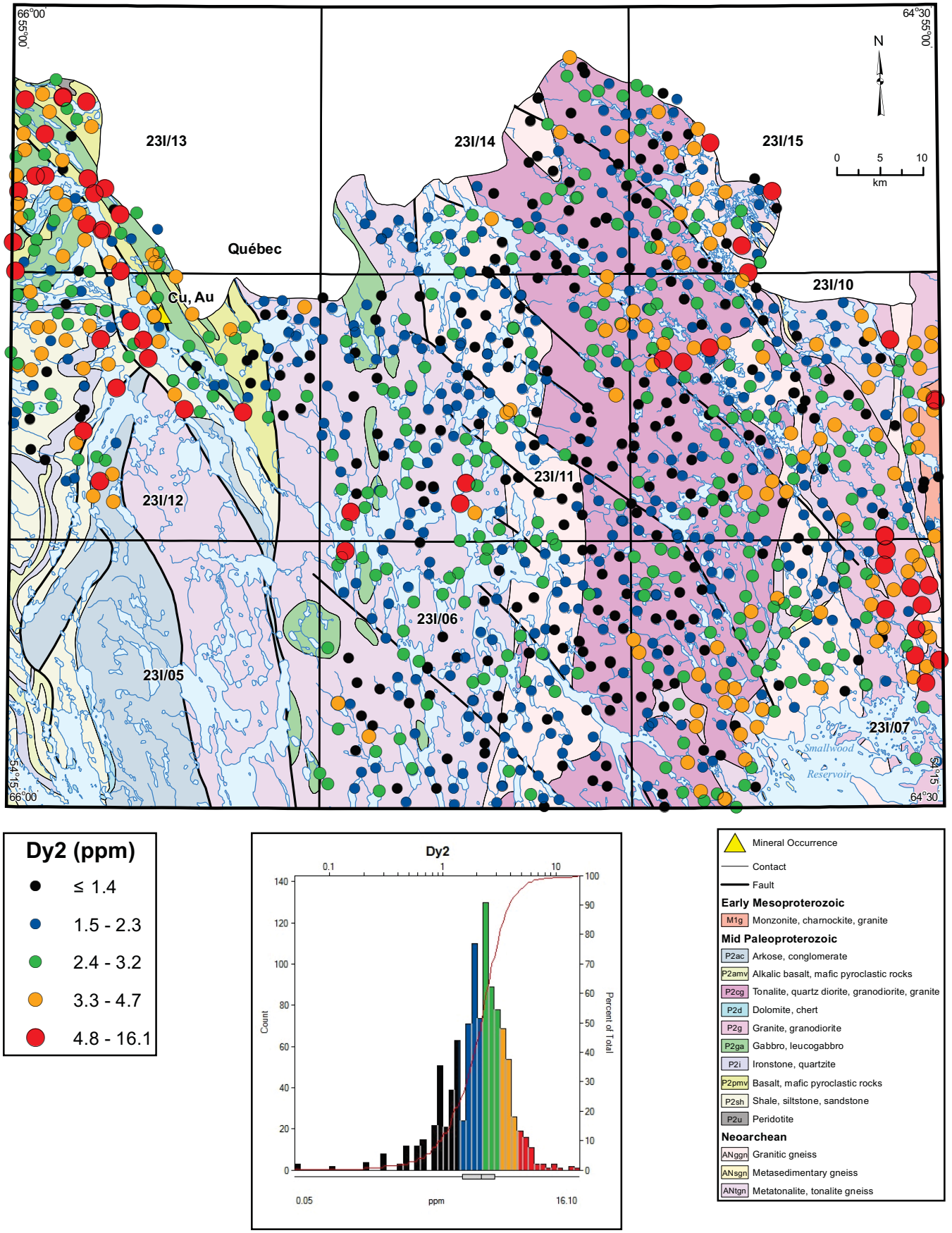


Figure 51. *Dysprosium (Dy2) in lake sediment.*

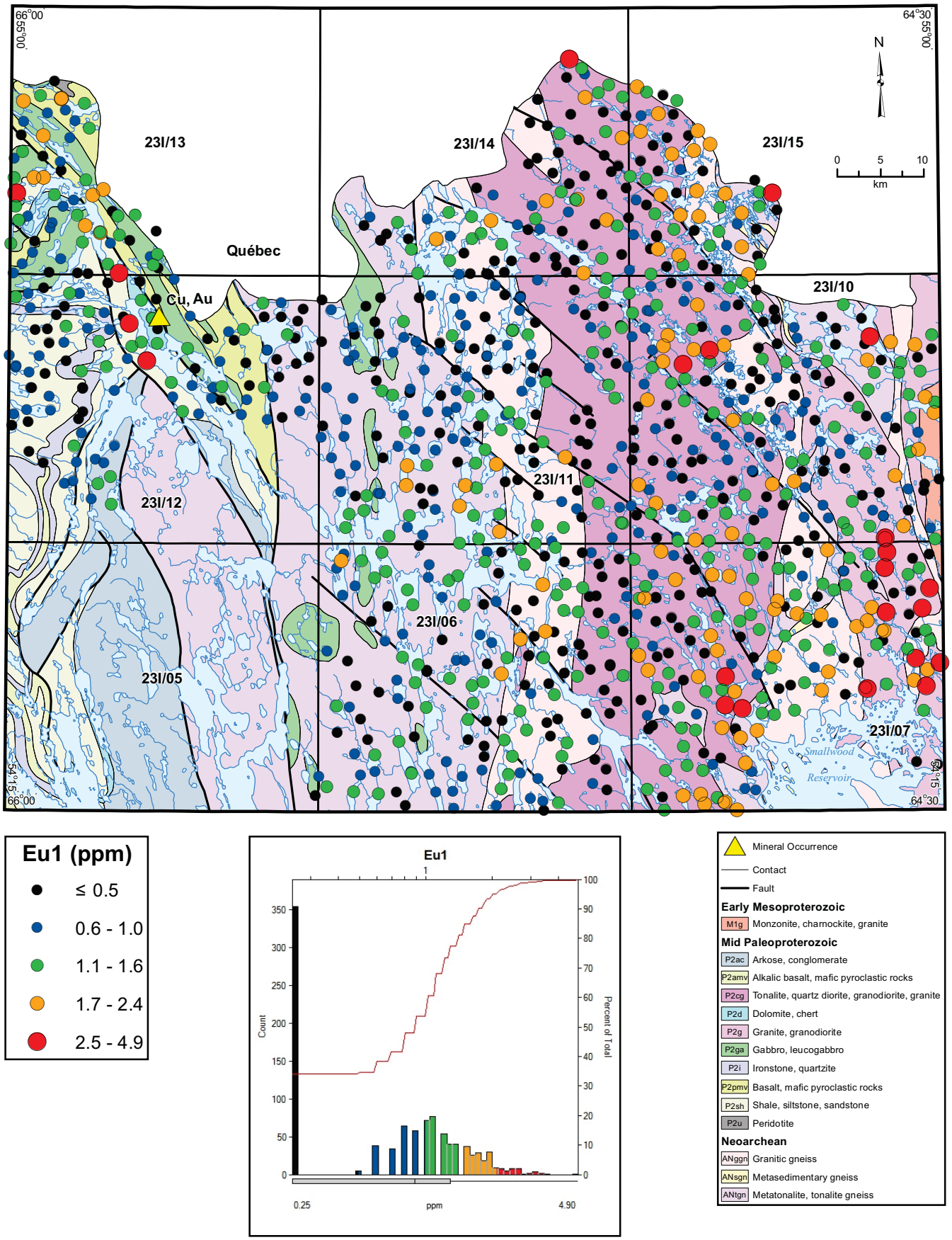


Figure 52. *Europium (Eu1) in lake sediment.*

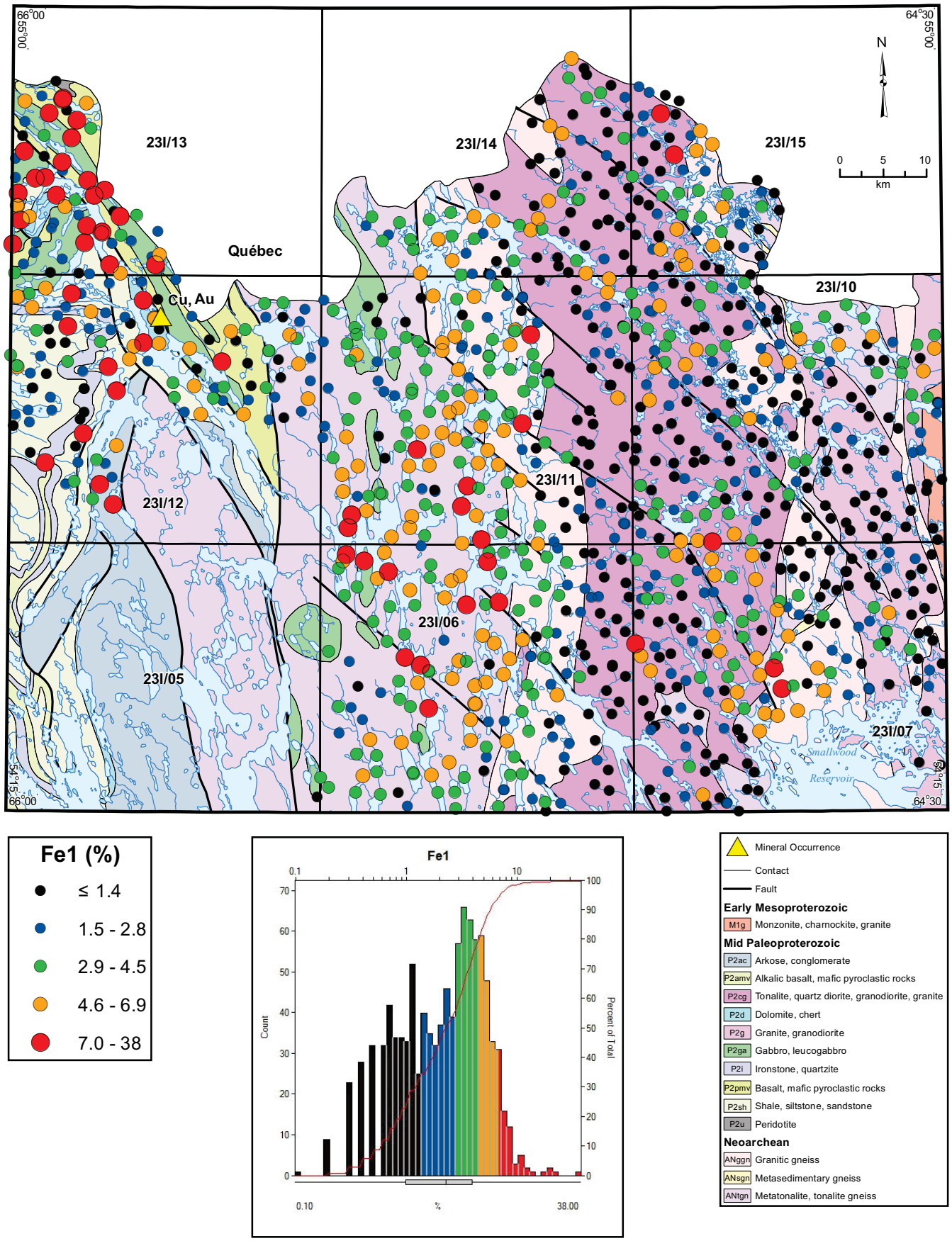


Figure 53. *Iron (Fe1) in lake sediment.*

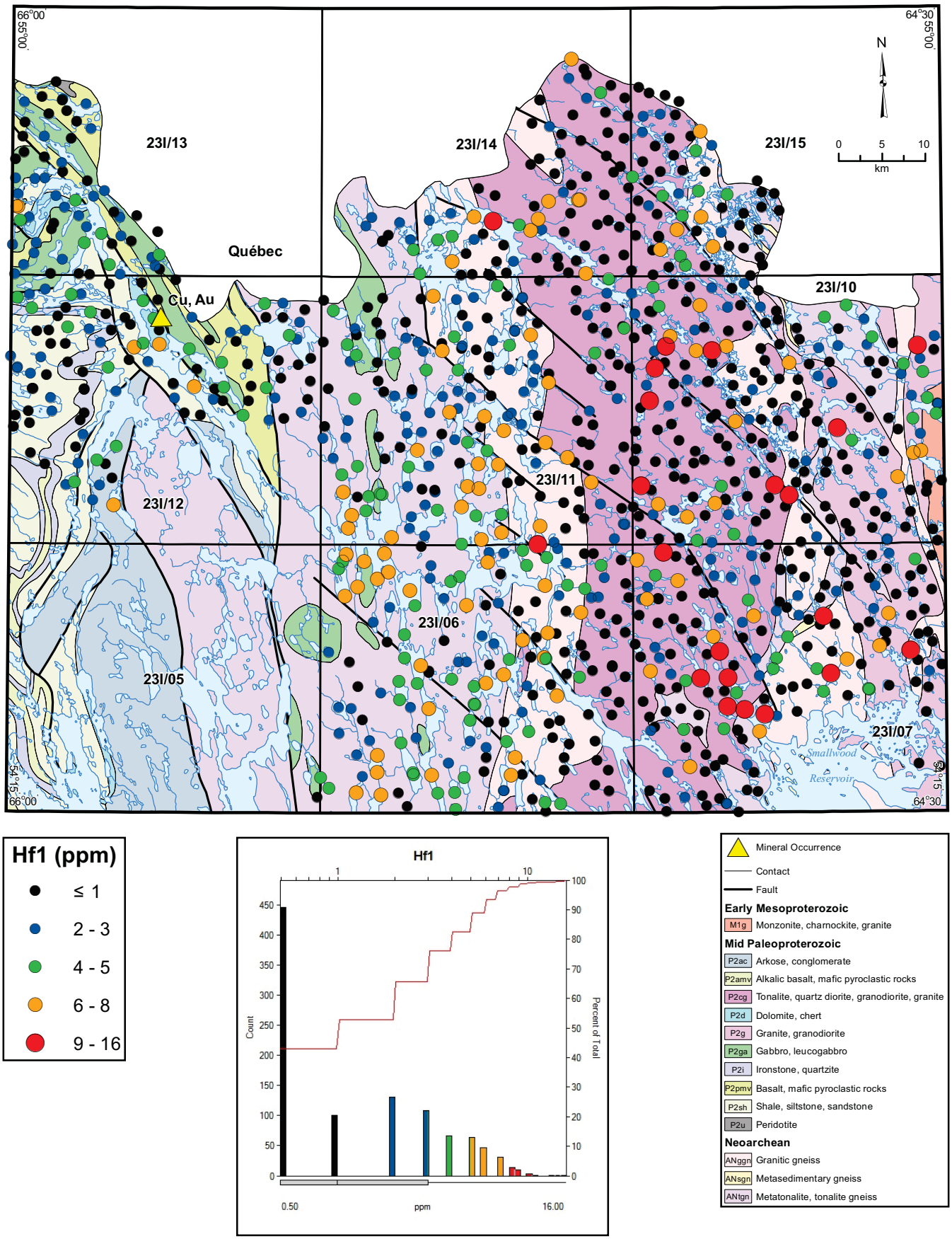


Figure 54. *Hafnium (Hf1) in lake sediment.*

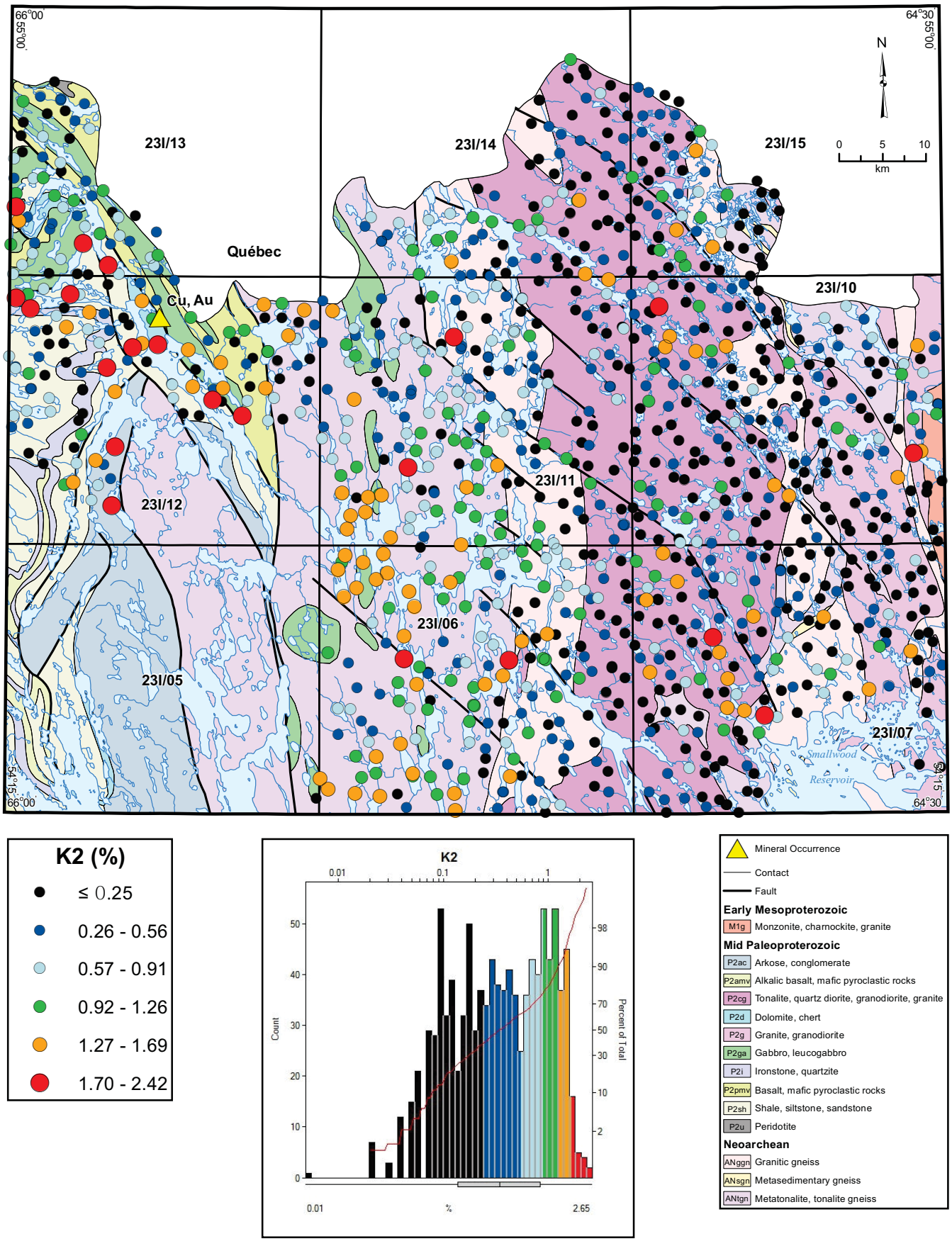


Figure 55. *Potassium (K2) in lake sediment.*

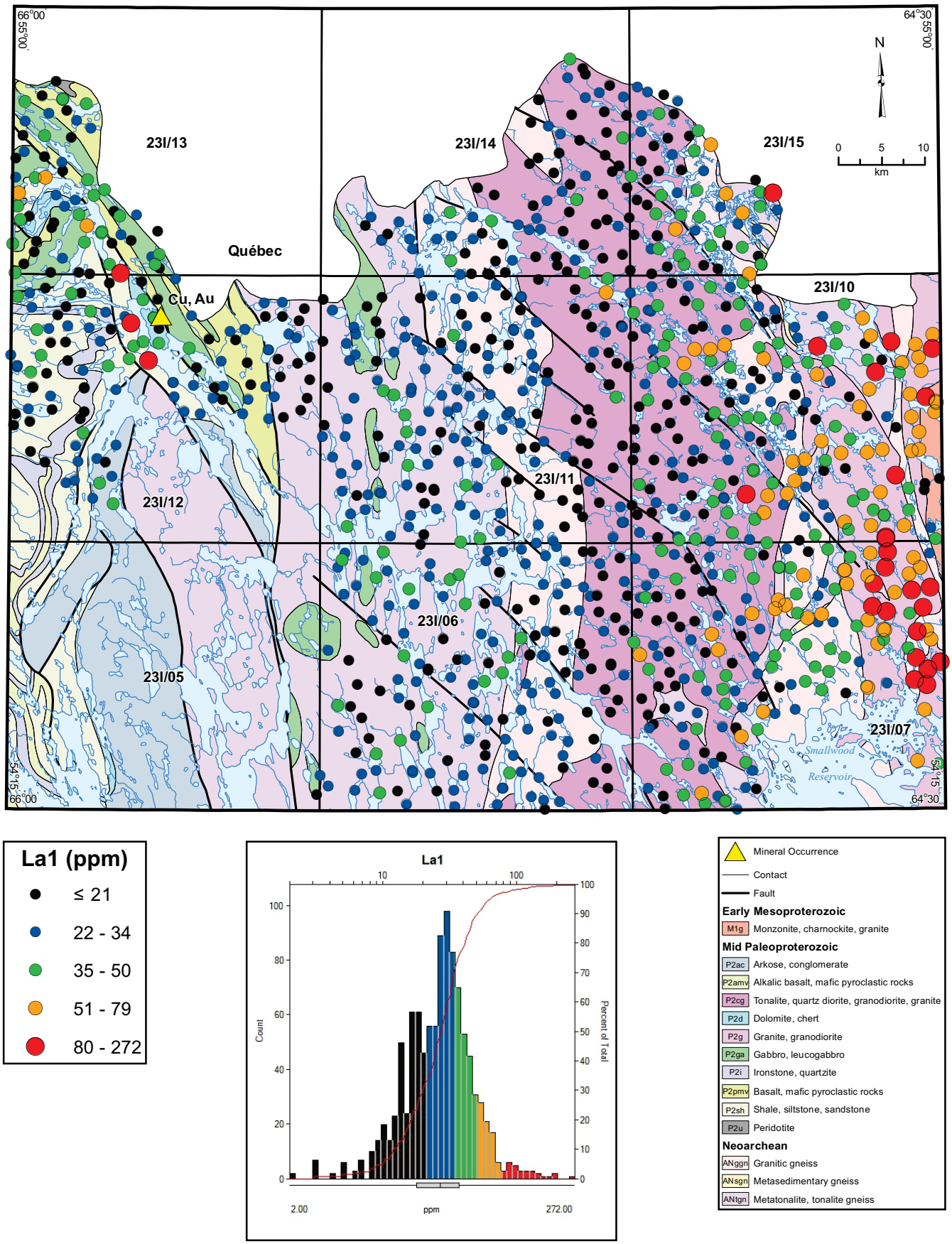


Figure 56. *Lanthanum (La1) in lake sediment.*

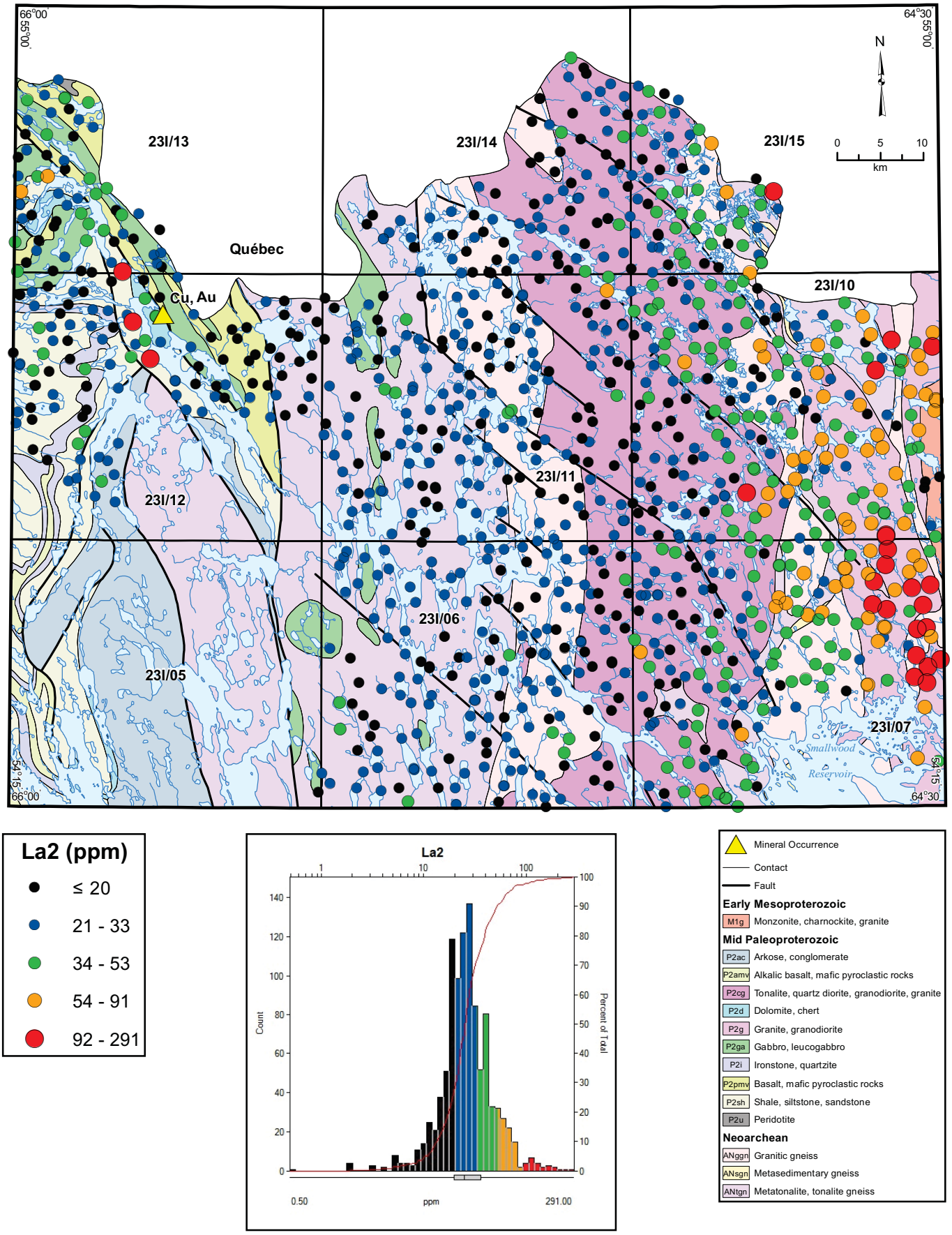


Figure 57. *Lanthanum (La2) in lake sediment.*

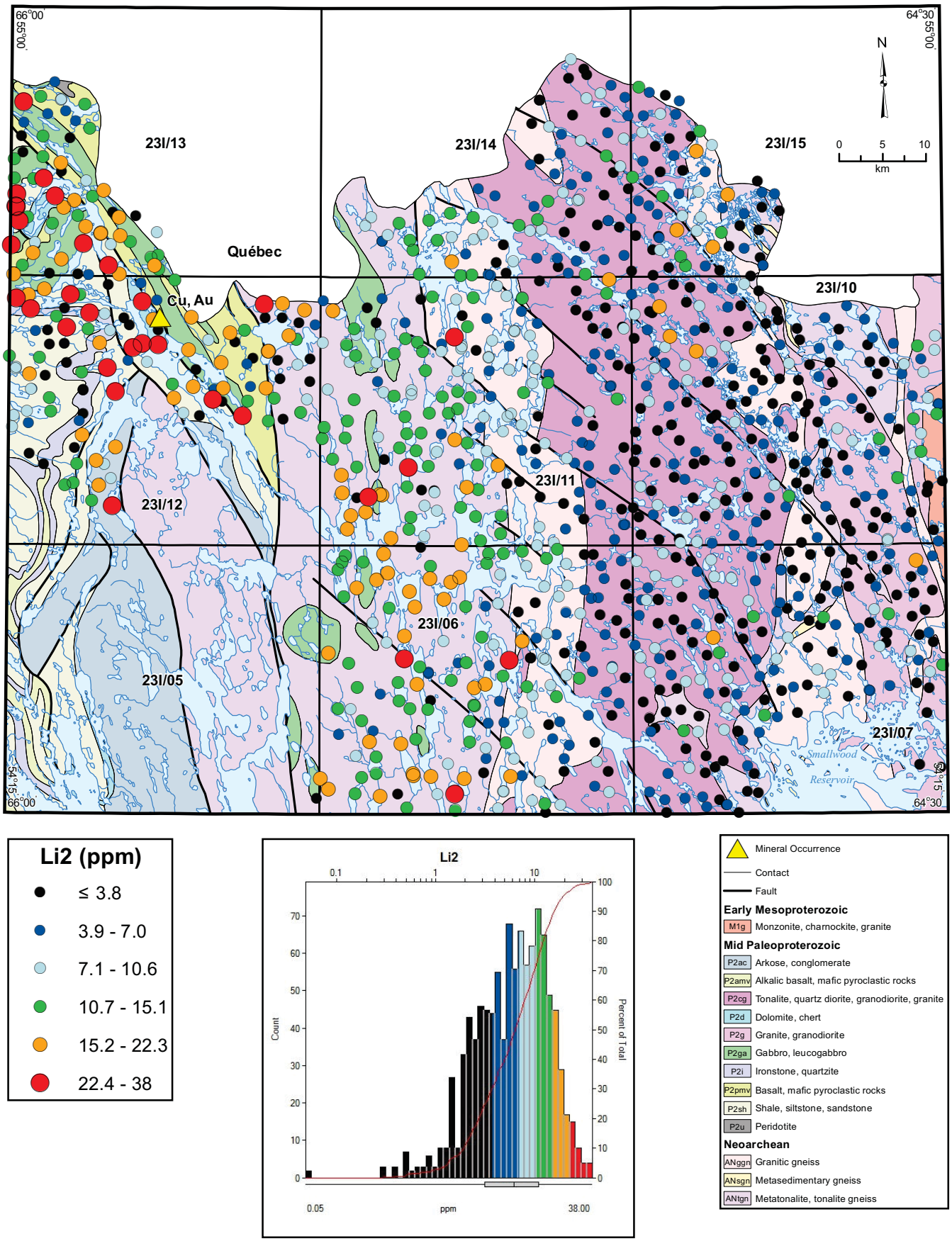


Figure 58. *Lithium (Li2) in lake sediment.*

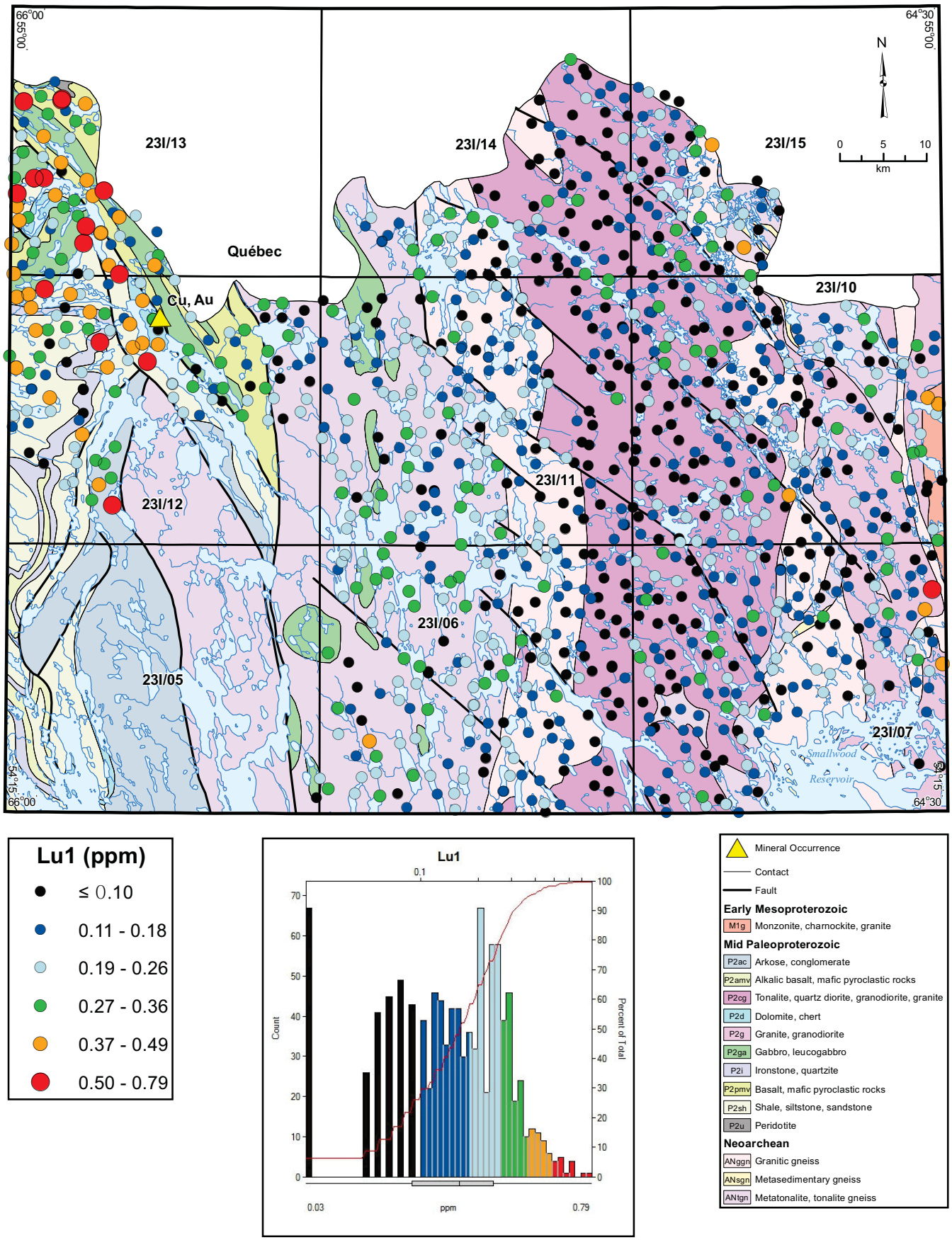


Figure 59. *Lutetium (Lu1) in lake sediment.*

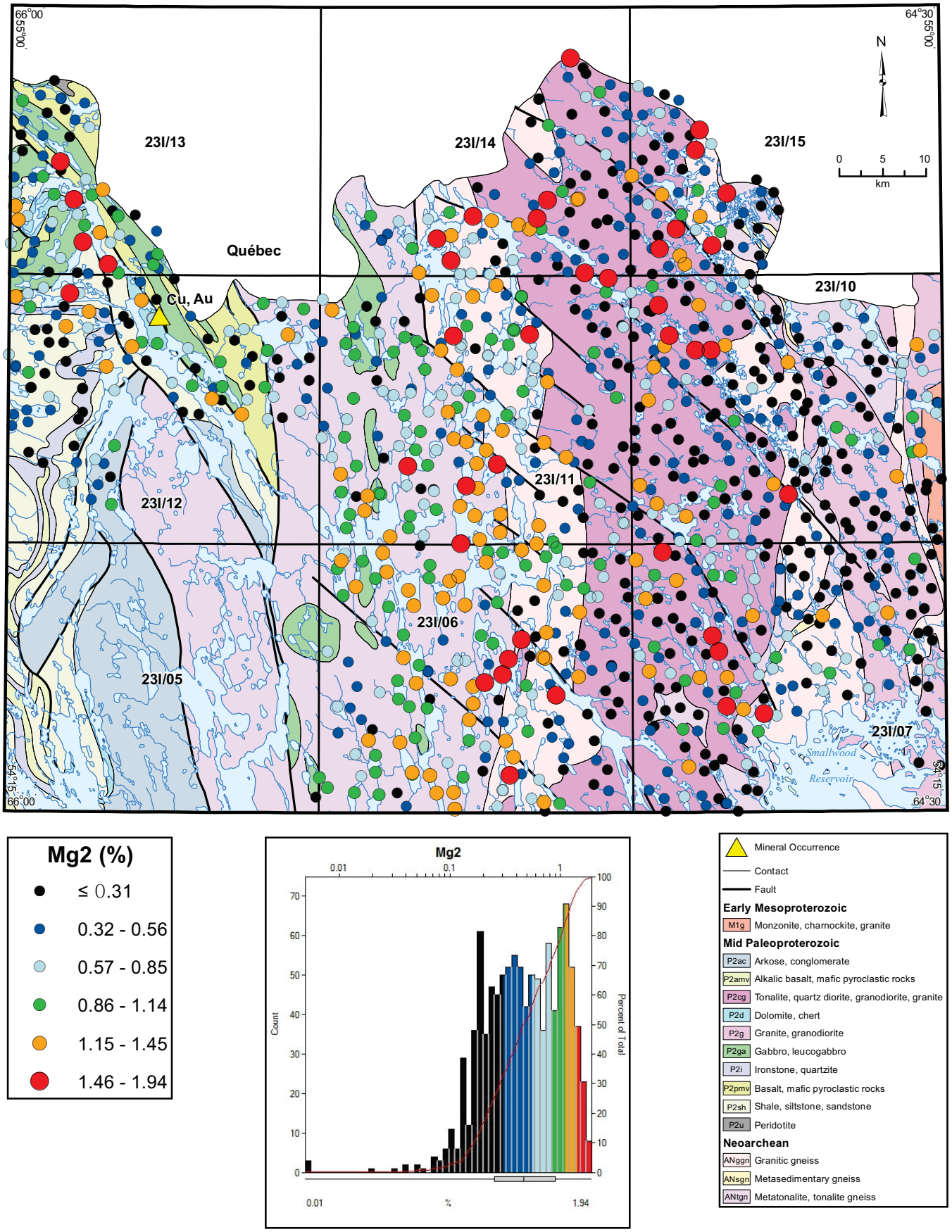


Figure 60. *Magnesium (Mg2) in lake sediment.*

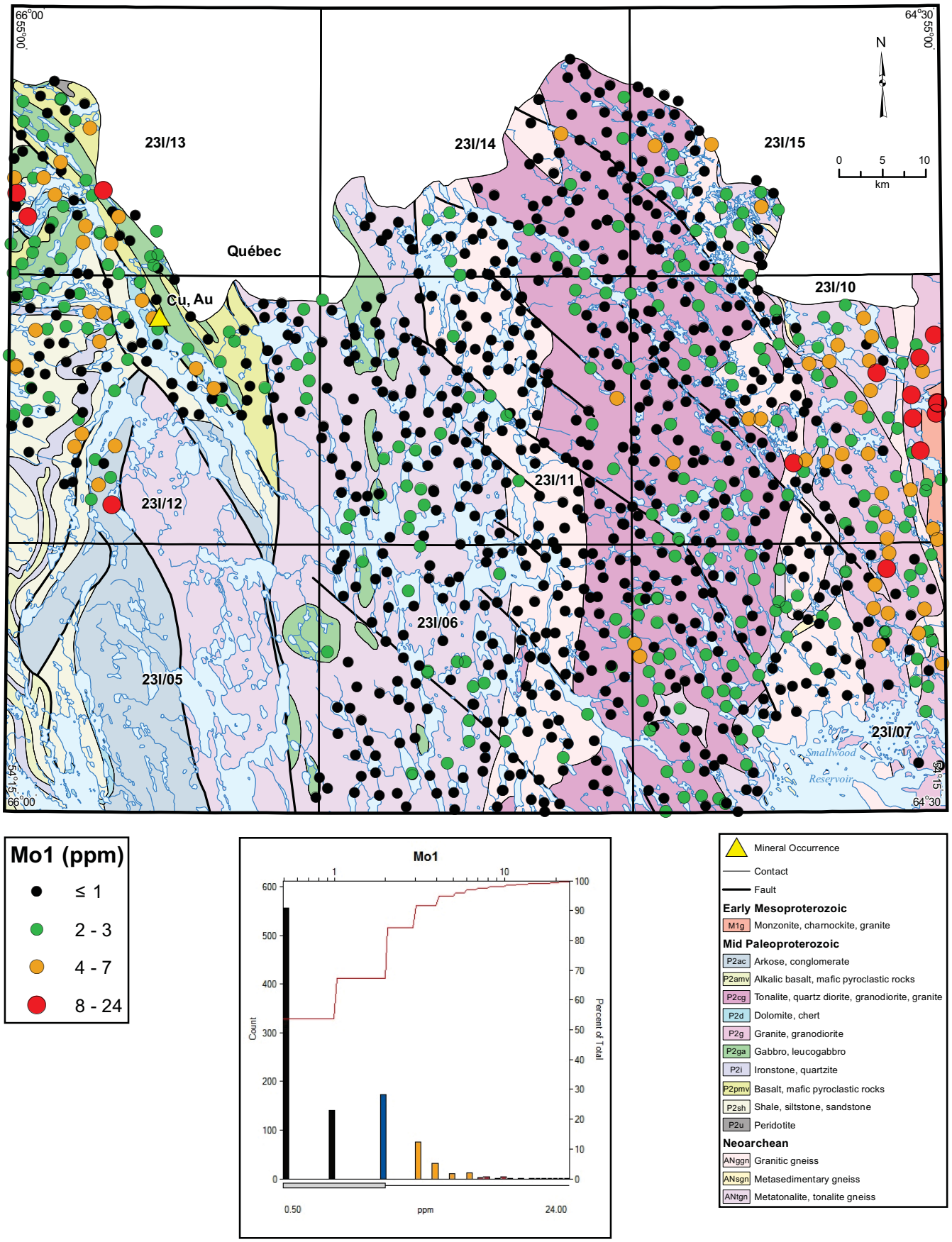


Figure 61. *Molybdenum (Mo1) in lake sediment.*

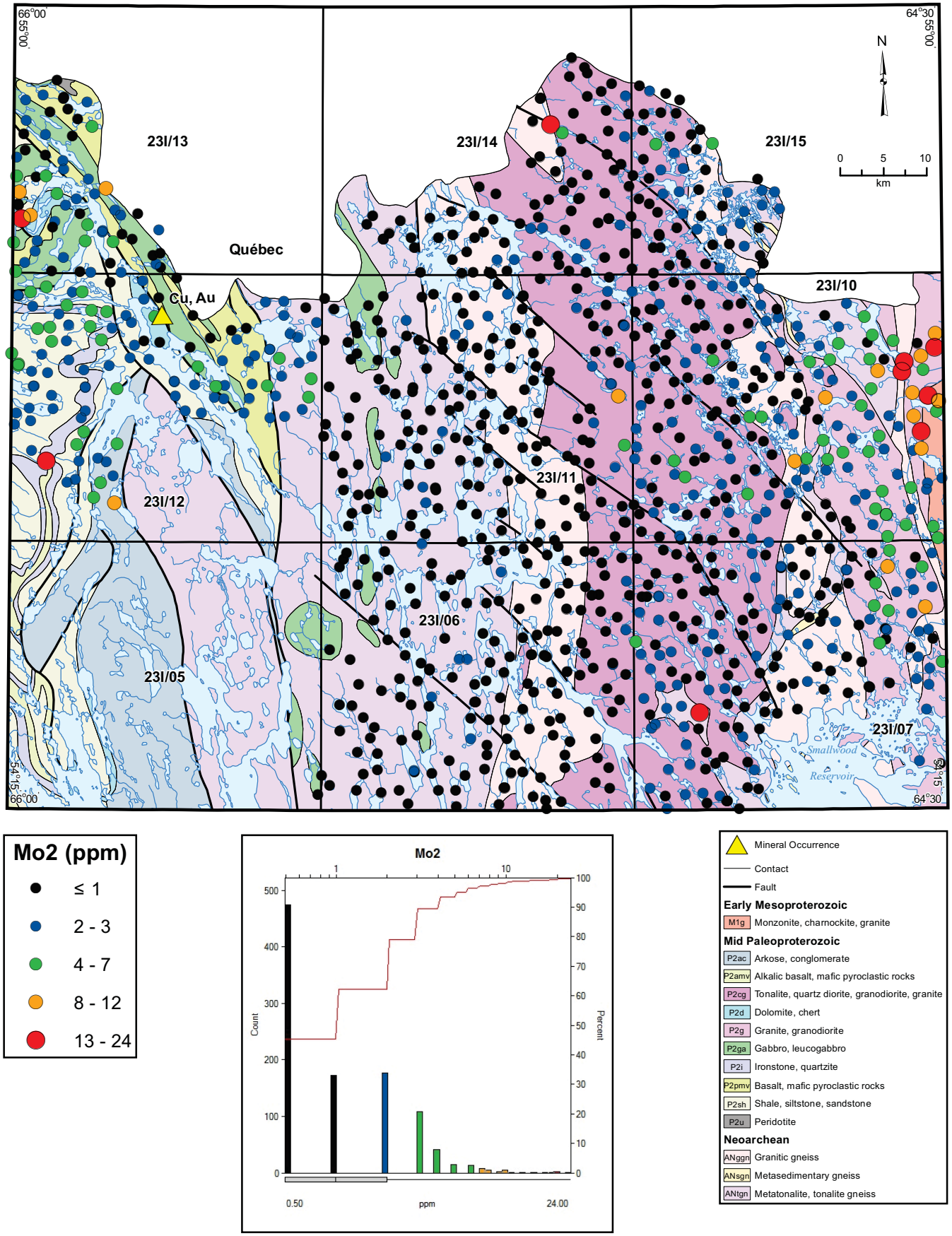
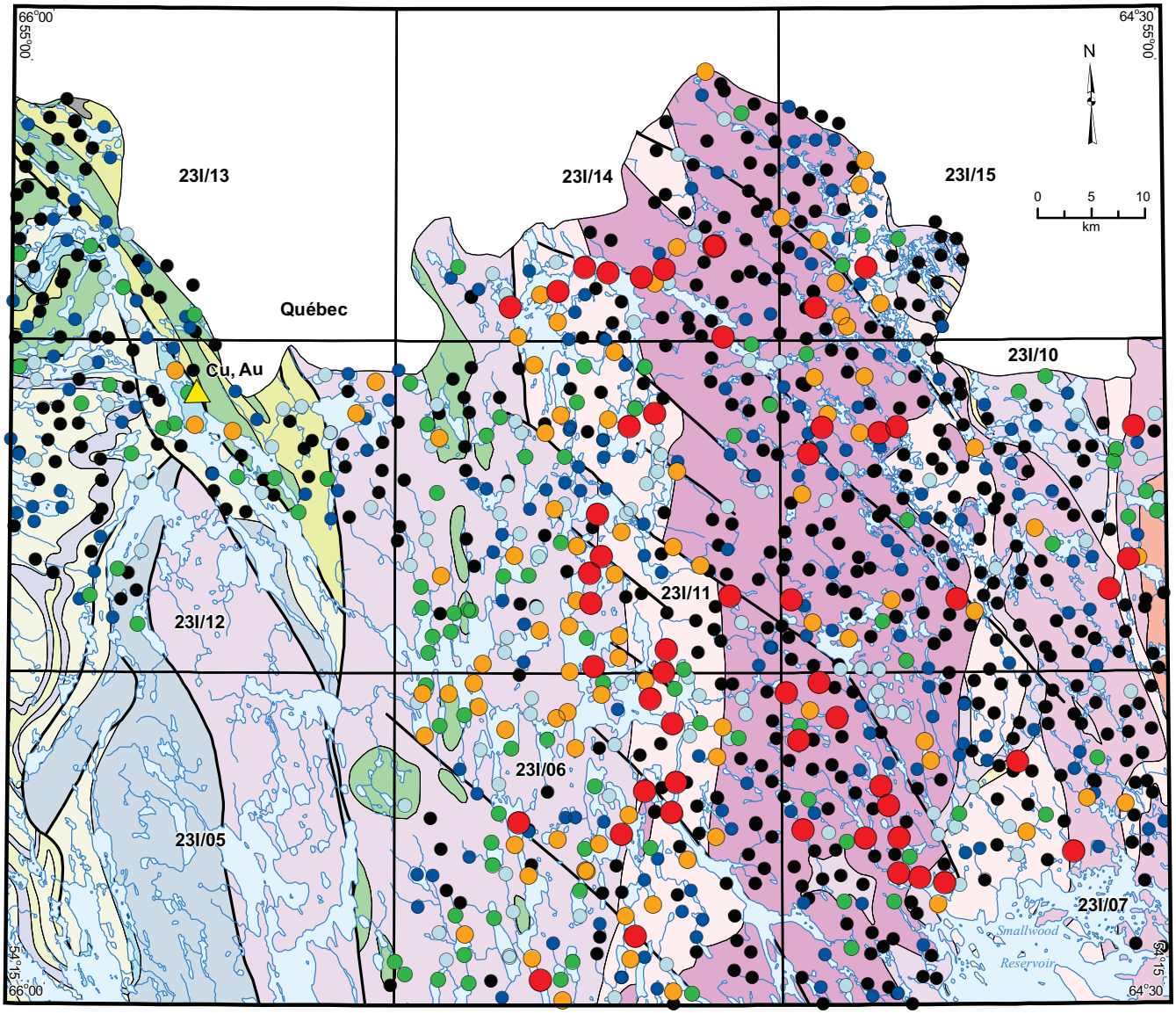
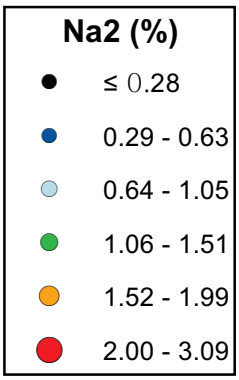
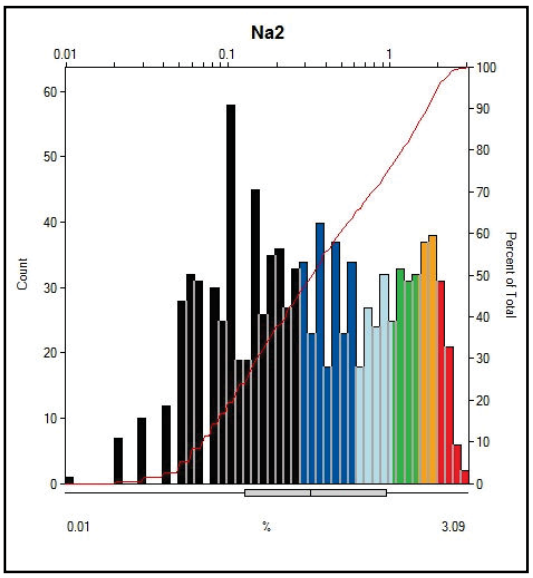


Figure 62. *Molybdenum (Mo2) in lake sediment.*







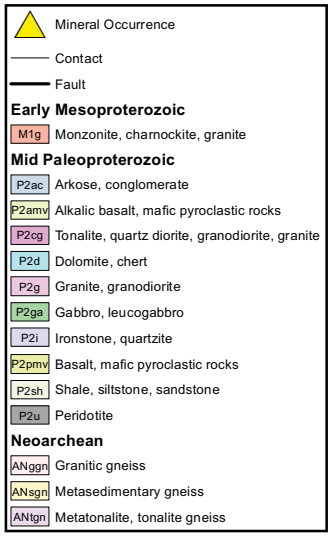


Figure 63. *Sodium (Na2) in lake sediment.*

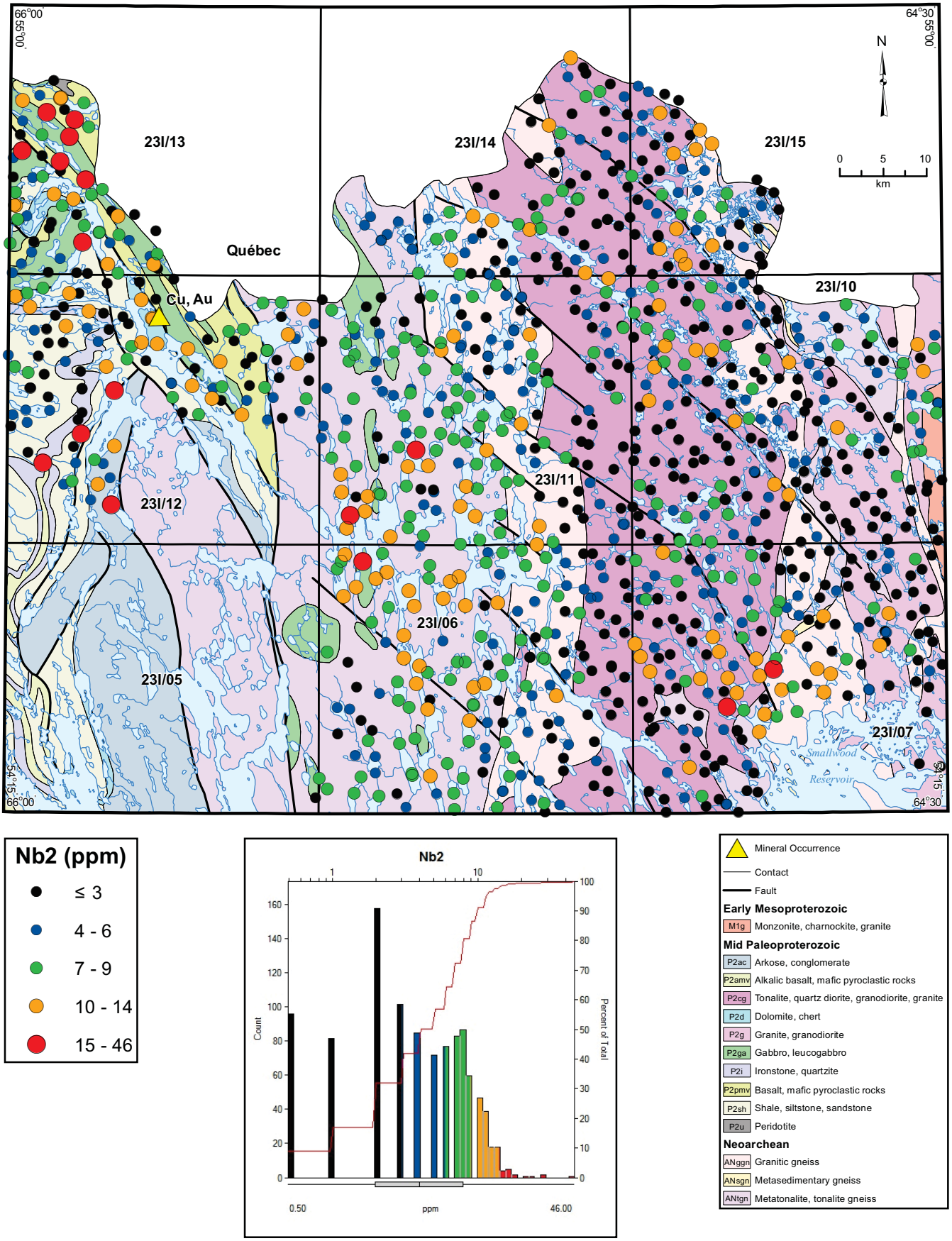


Figure 64. *Niobium (Nb2) in lake sediment.*

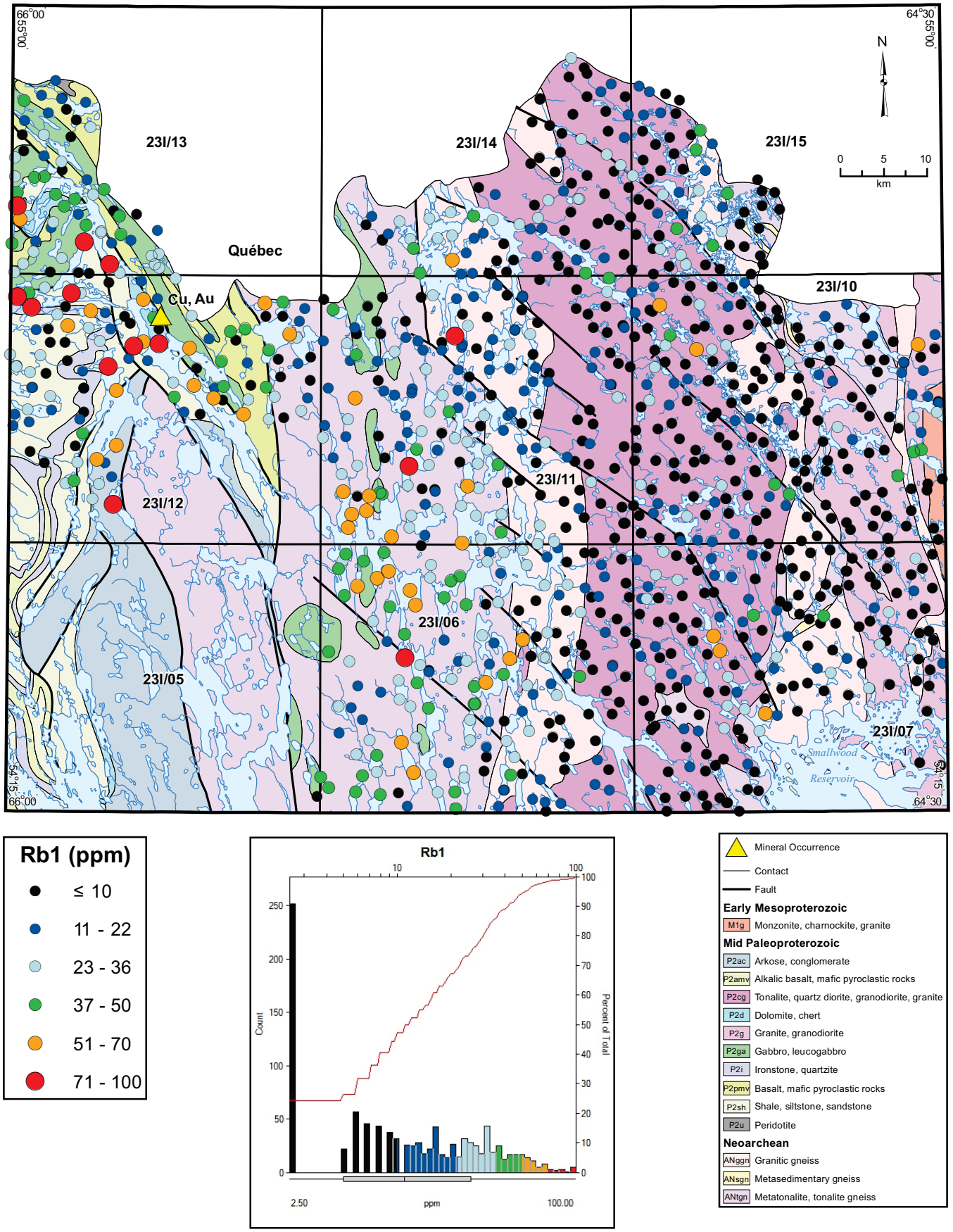
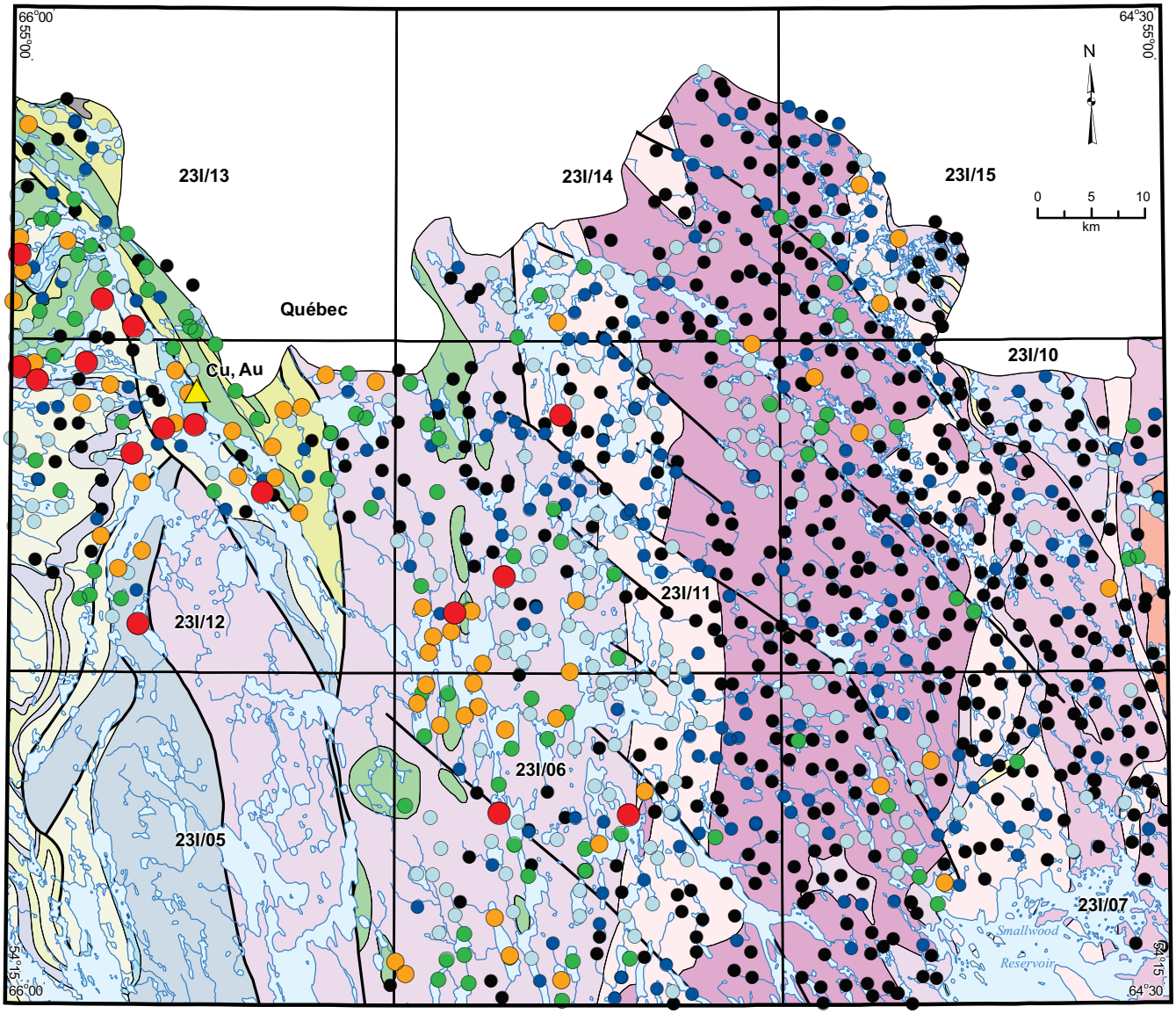
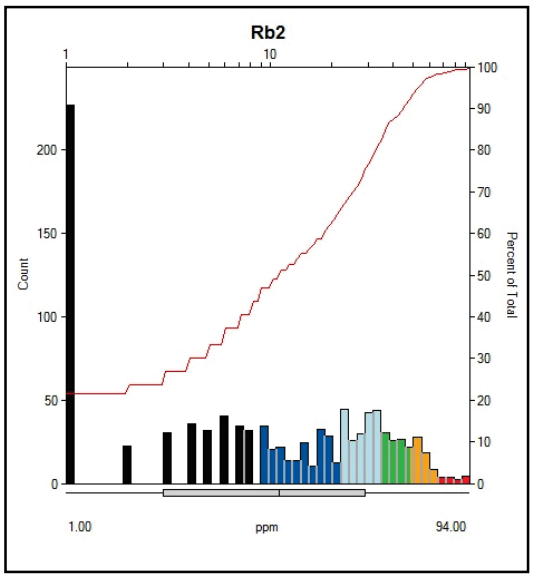


Figure 65. *Rubidium (Rb1) in lake sediment.*



Rb2 (ppm)

- ≤ 9
- 10 - 22
- 23 - 35
- 36 - 48
- 49 - 65
- 66 - 98



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g Monzonite, charnockite, granite

Mid Paleoproterozoic

- P2ac Arkose, conglomerate
- P2amv Alkalic basalt, mafic pyroclastic rocks
- P2cg Tonalite, quartz diorite, granodiorite, granite
- P2d Dolomite, chert
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

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

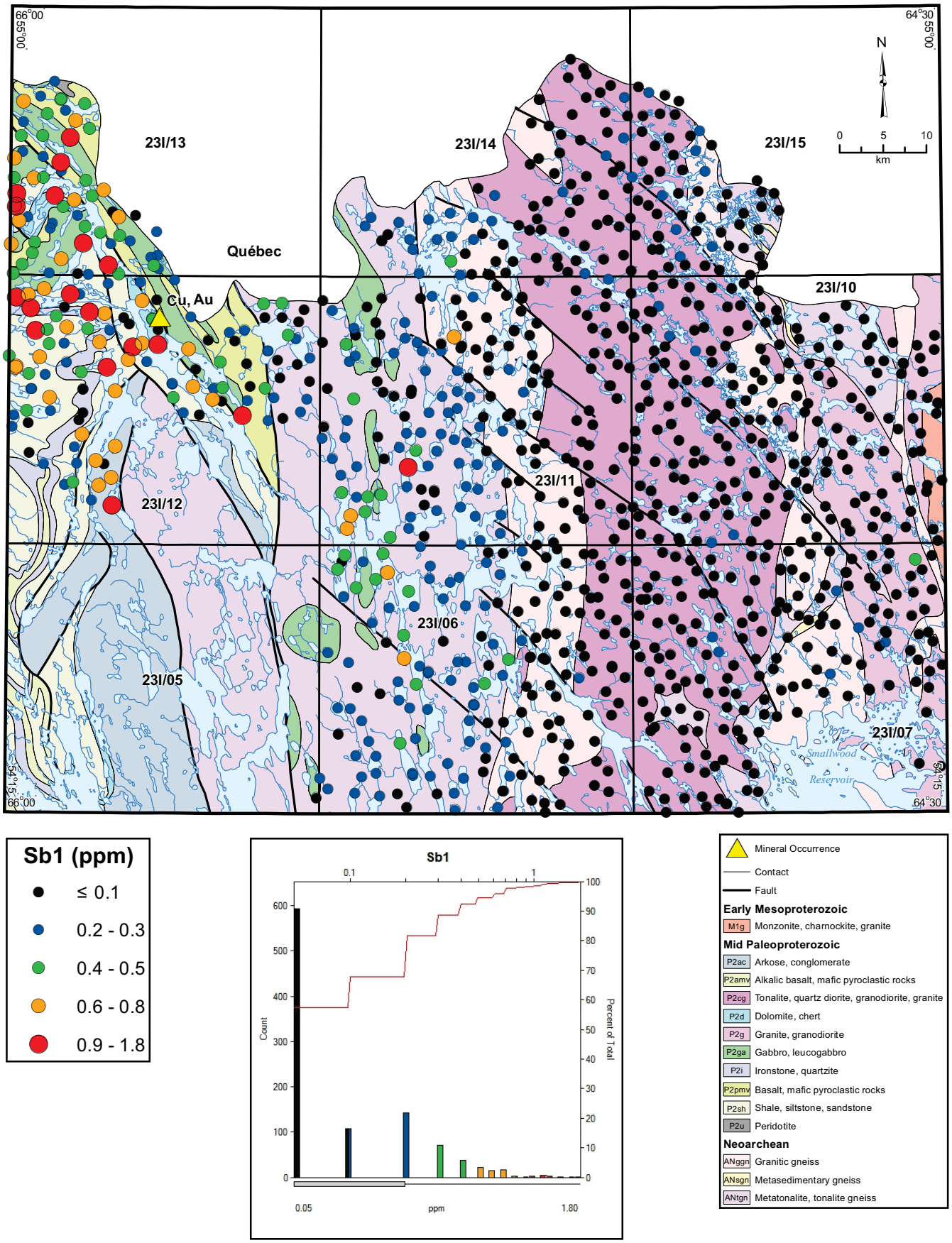


Figure 67. *Antimony (Sb1) in lake sediment.*

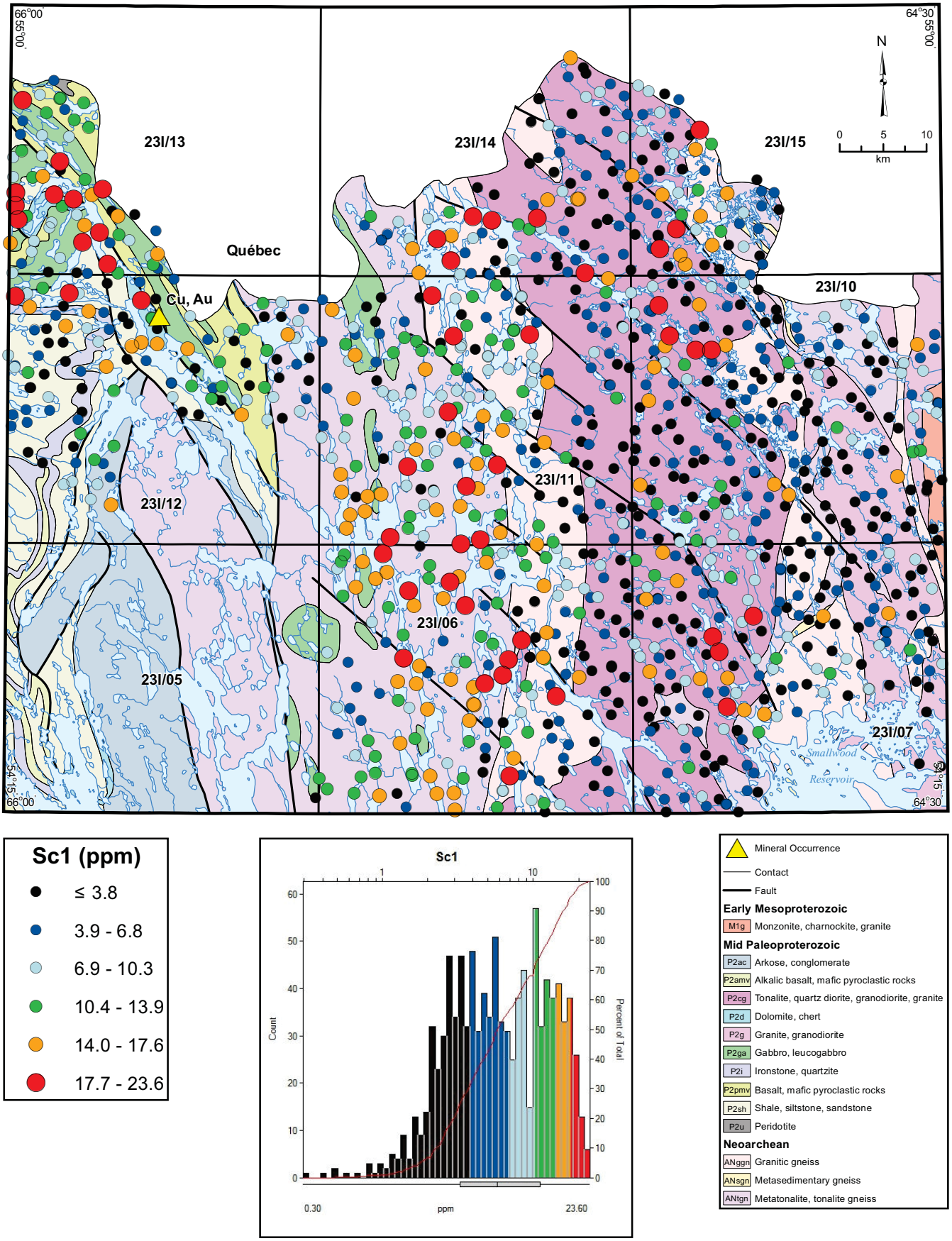
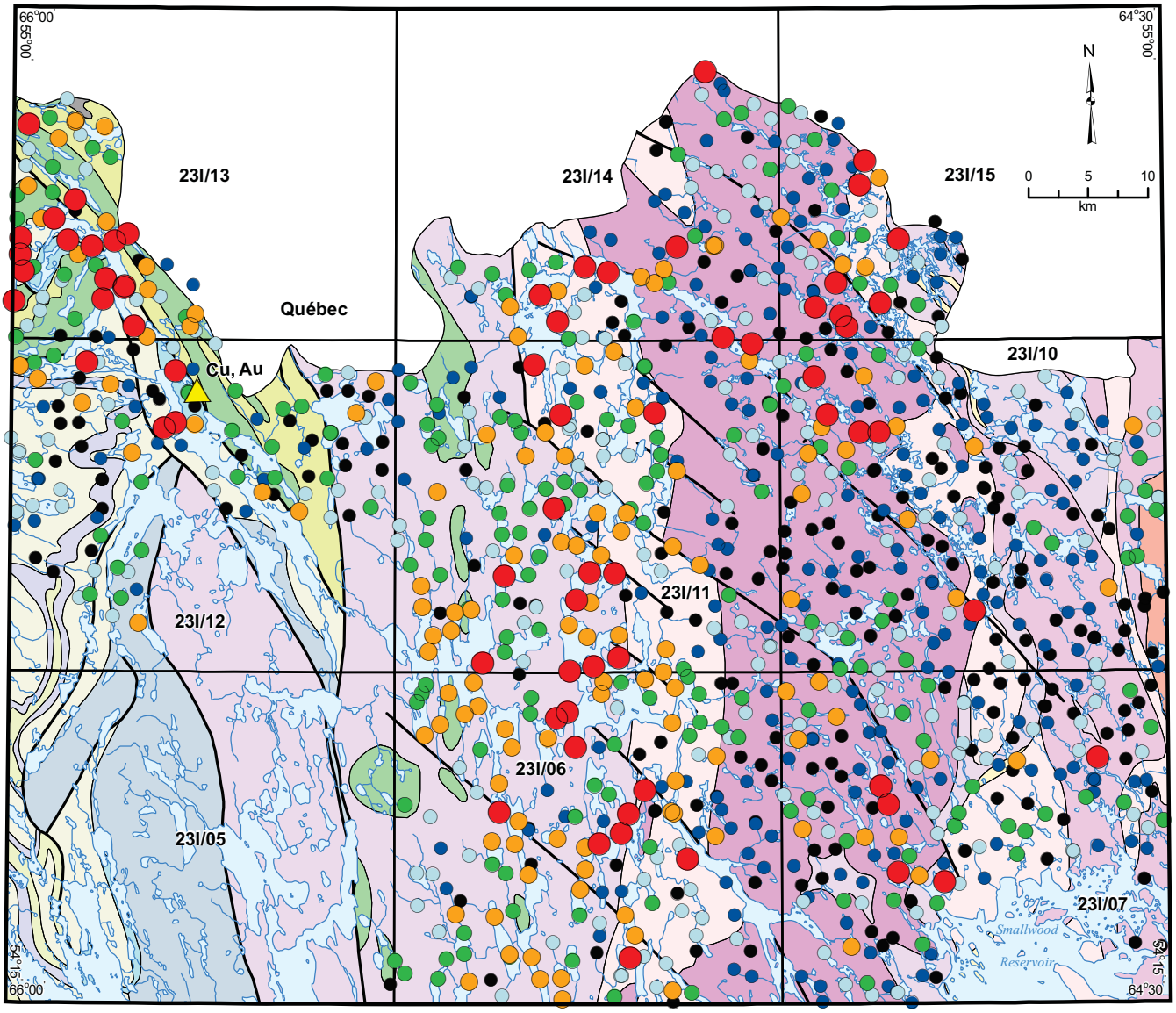
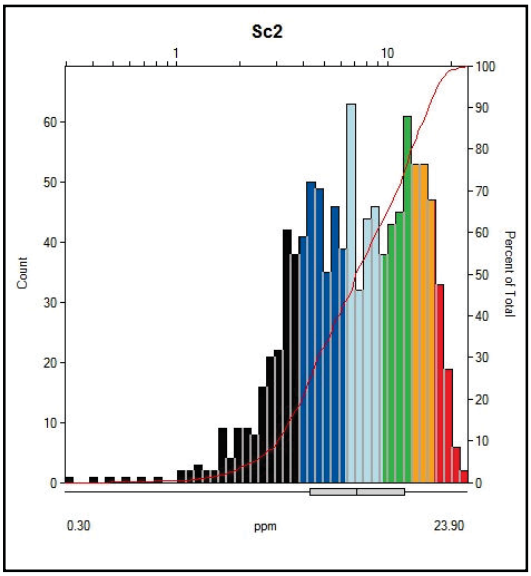


Figure 68. *Scandium (Sc1) in lake sediment.*



Sc2 (ppm)

- ≤ 3.9
- 4.0 - 6.3
- 6.4 - 9.5
- 9.6 - 13.1
- 13.2 - 16.6
- 16.7 - 23.9



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- P2d Dolomite, chert
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

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

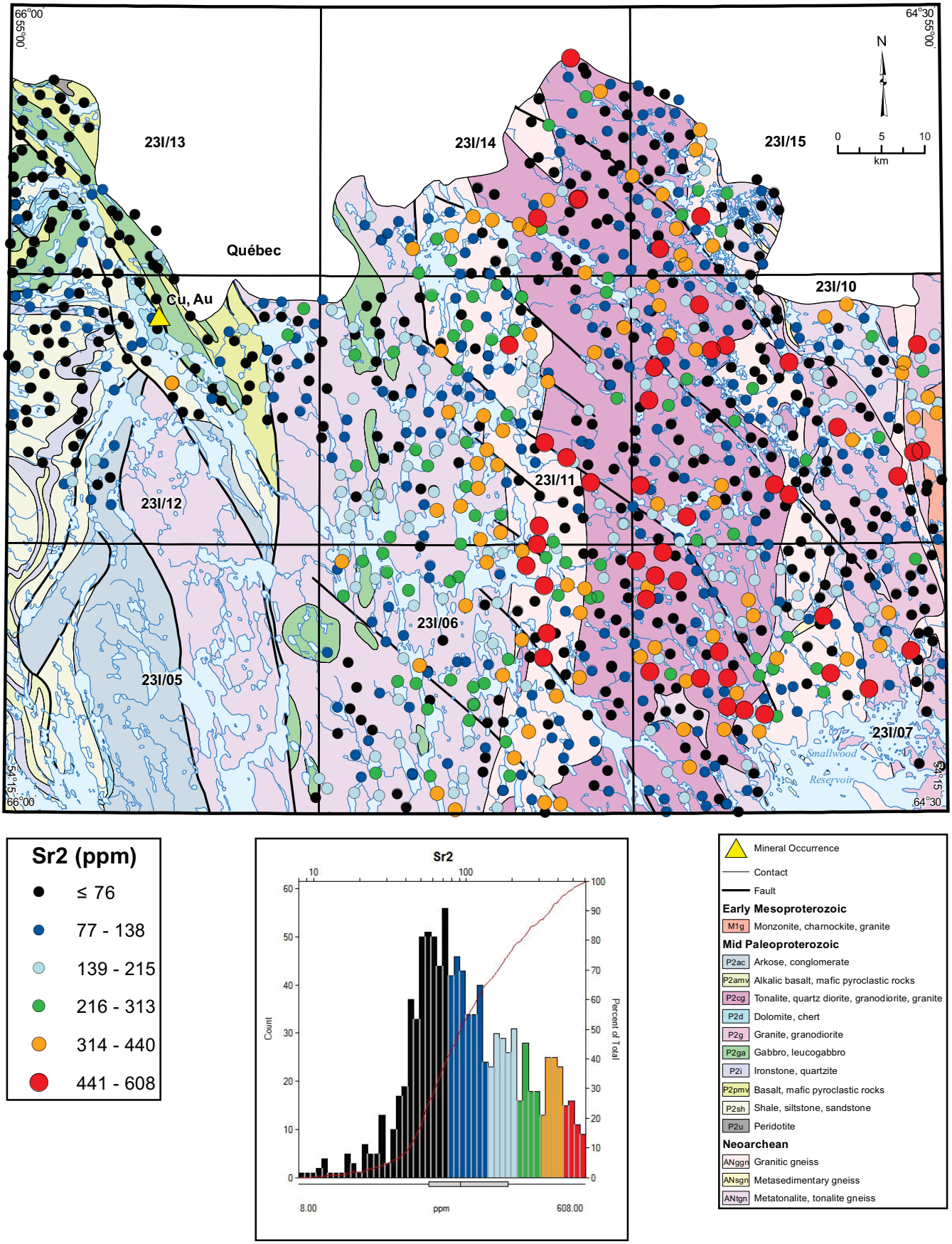


Figure 70. *Strontium (Sr2) in lake sediment.*

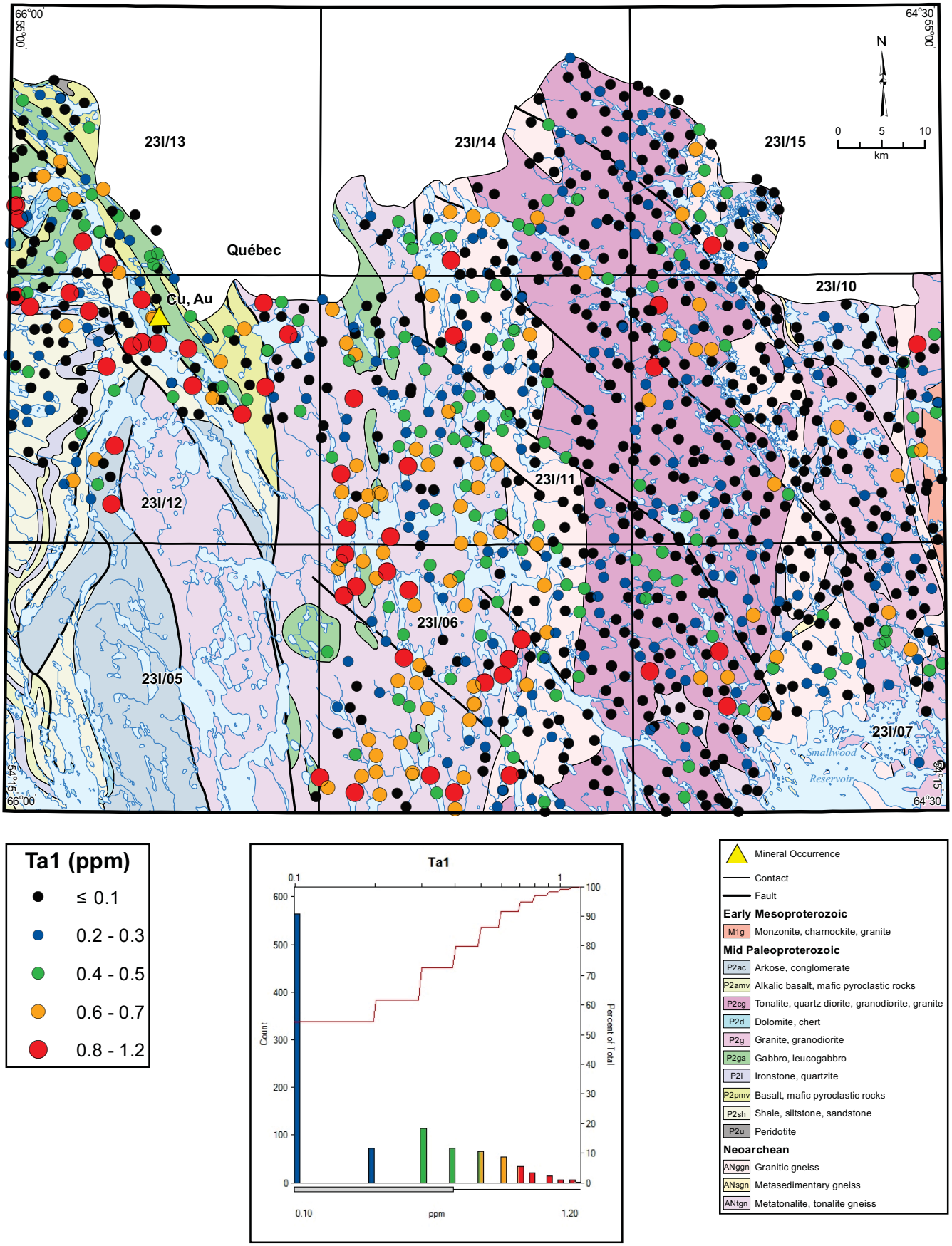


Figure 71. *Tantalum (Ta1) in lake sediment.*

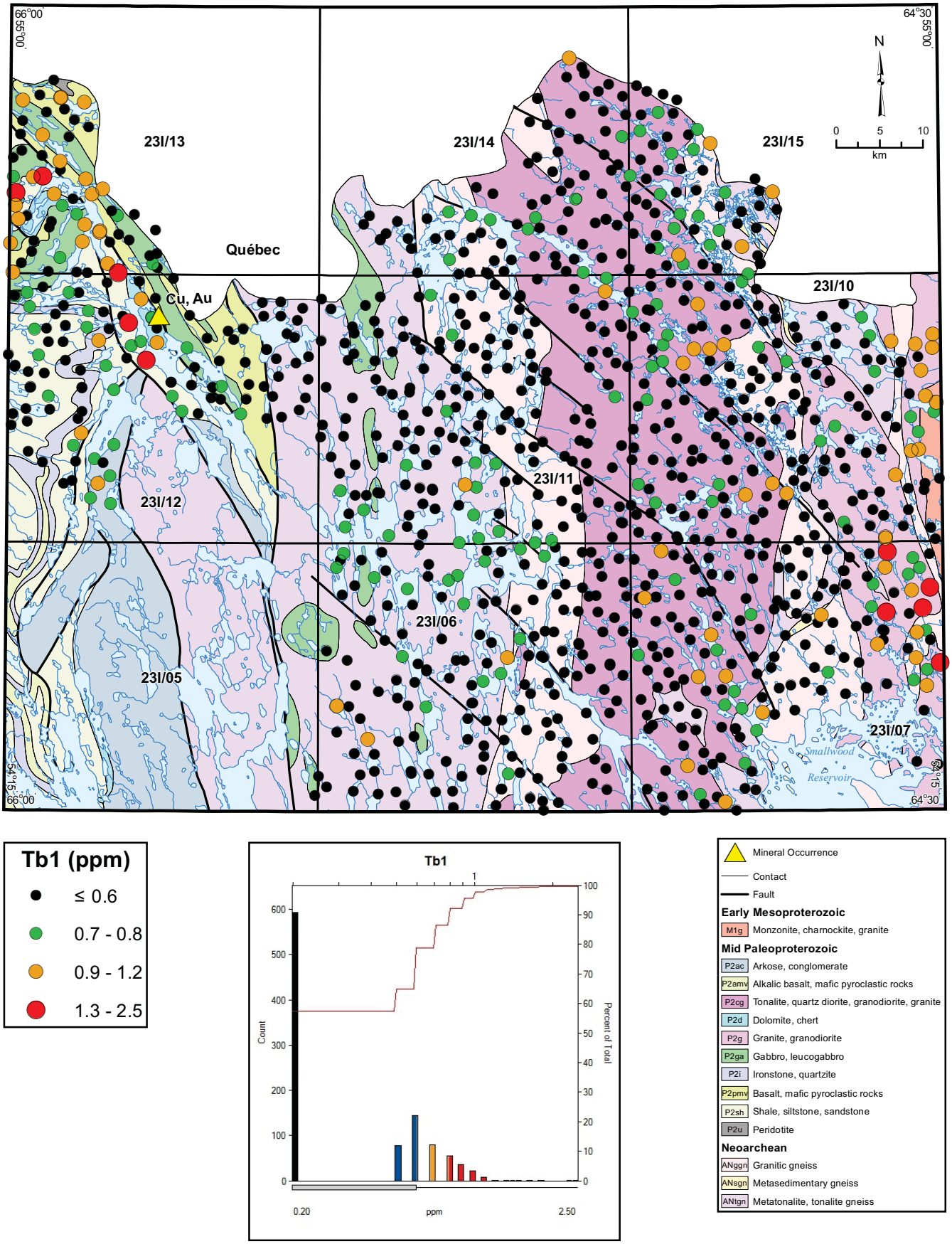


Figure 72. *Terbium (Tb1) in lake sediment.*

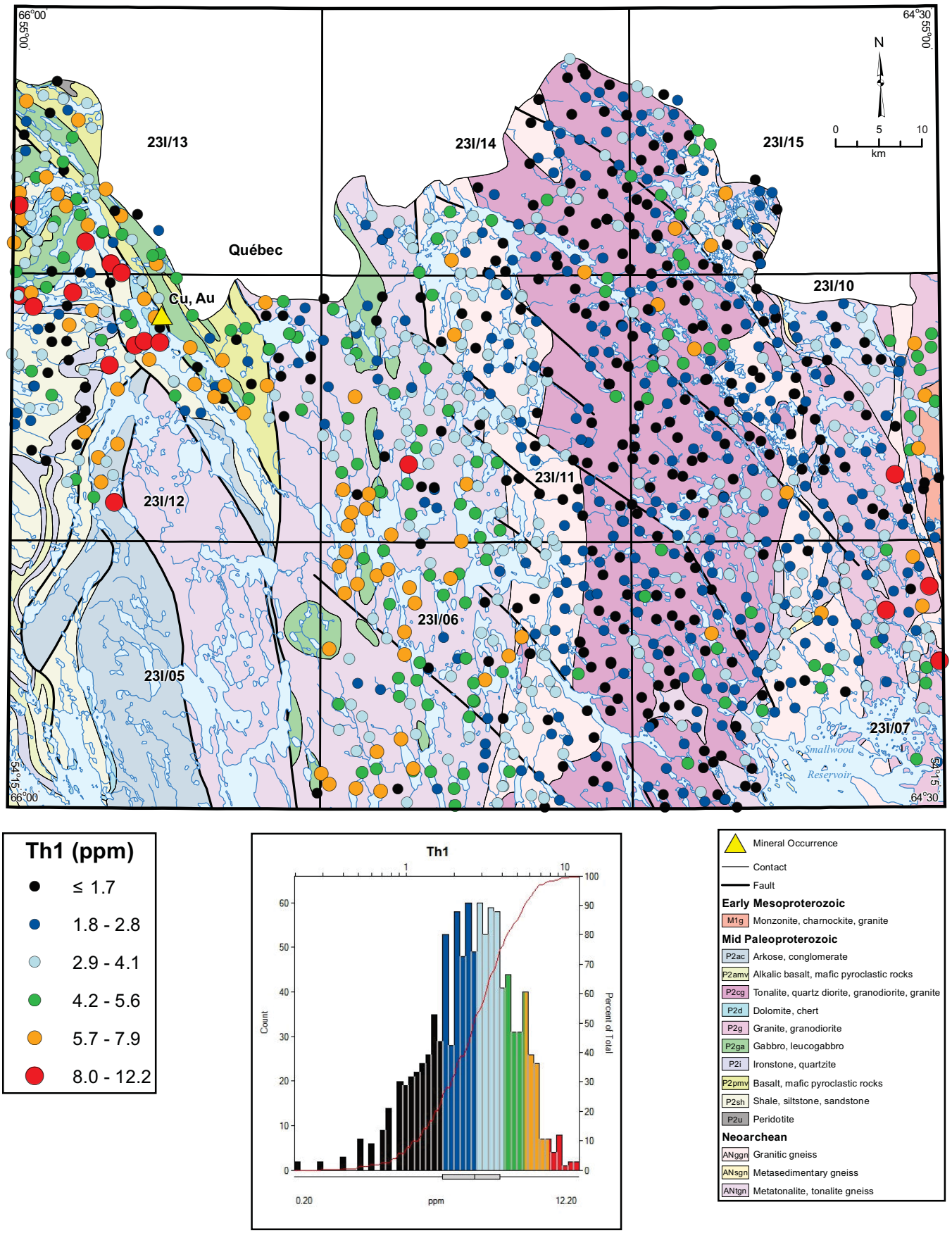


Figure 73. *Thorium (Th1) in lake sediment.*

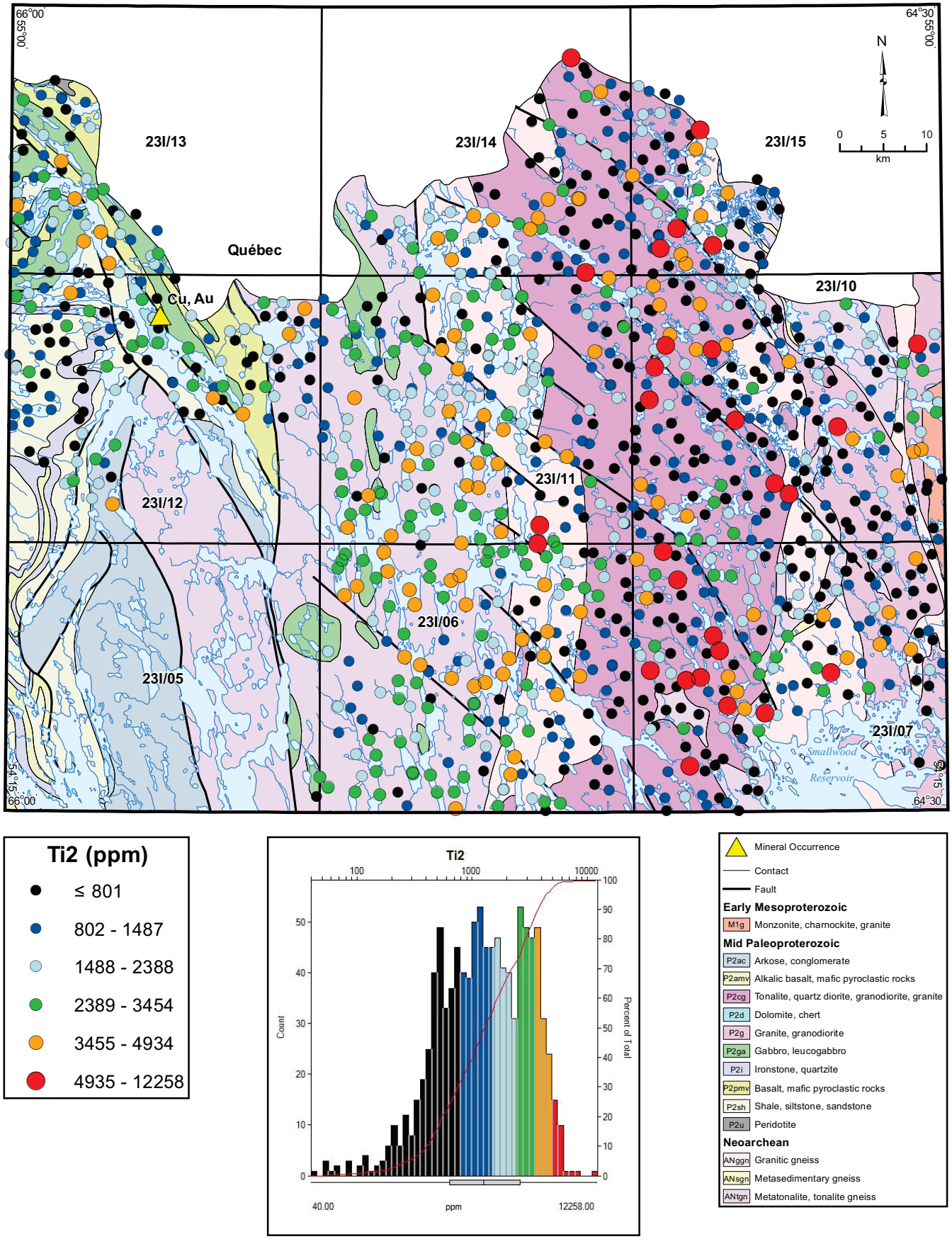


Figure 74. *Titanium (Ti1) in lake sediment.*

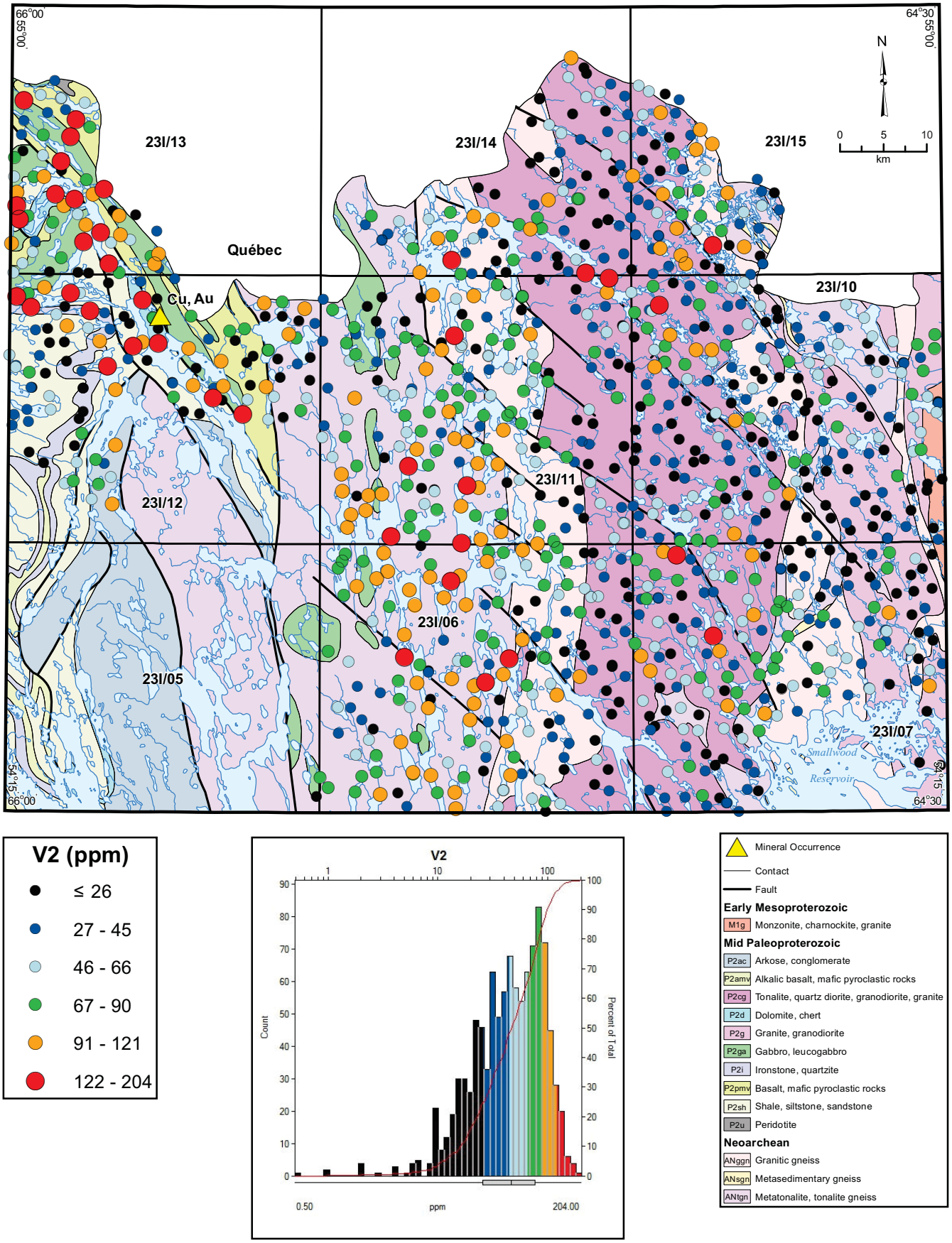
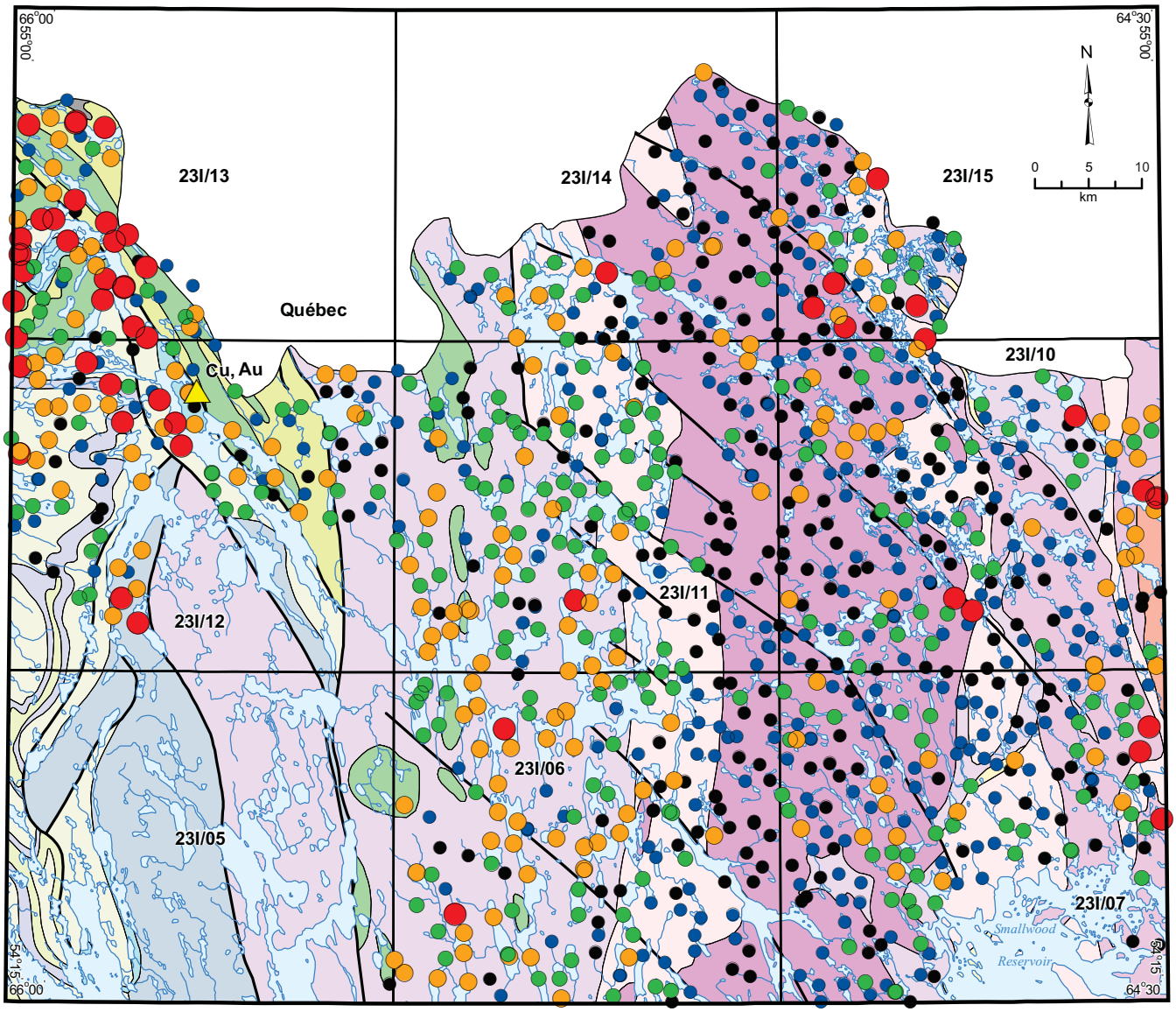
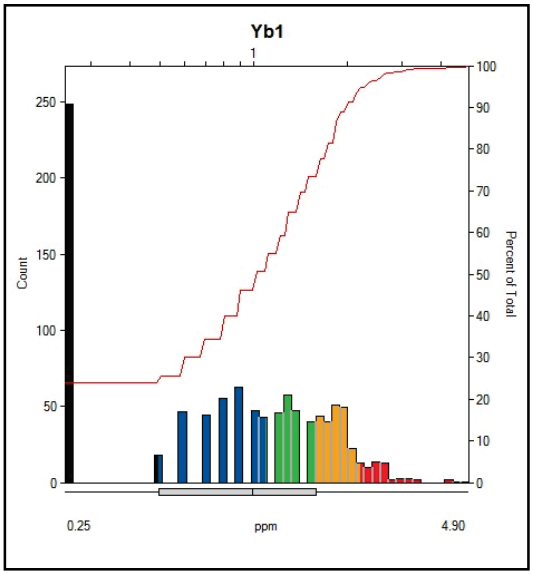


Figure 75. *Vanadium (V2) in lake sediment.*



Yb1 (ppm)

- ● ≤ 0.5
- ● 0.6 - 1.1
- ● 1.2 - 1.6
- ● 1.7 - 2.2
- ● 2.3 - 4.9



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g Monzonite, charnockite, granite

Mid Paleoproterozoic

- P2ac Arkose, conglomerate
- P2amv Alkalic basalt, mafic pyroclastic rocks
- P2cg Tonalite, quartz diorite, granodiorite, granite
- P2d Dolomite, chert
- P2g Granite, granodiorite
- P2ga Gabbro, leucogabbro
- P2i Ironstone, quartzite
- P2pmv Basalt, mafic pyroclastic rocks
- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 76. *Ytterbium (Yb1) in lake sediment.*

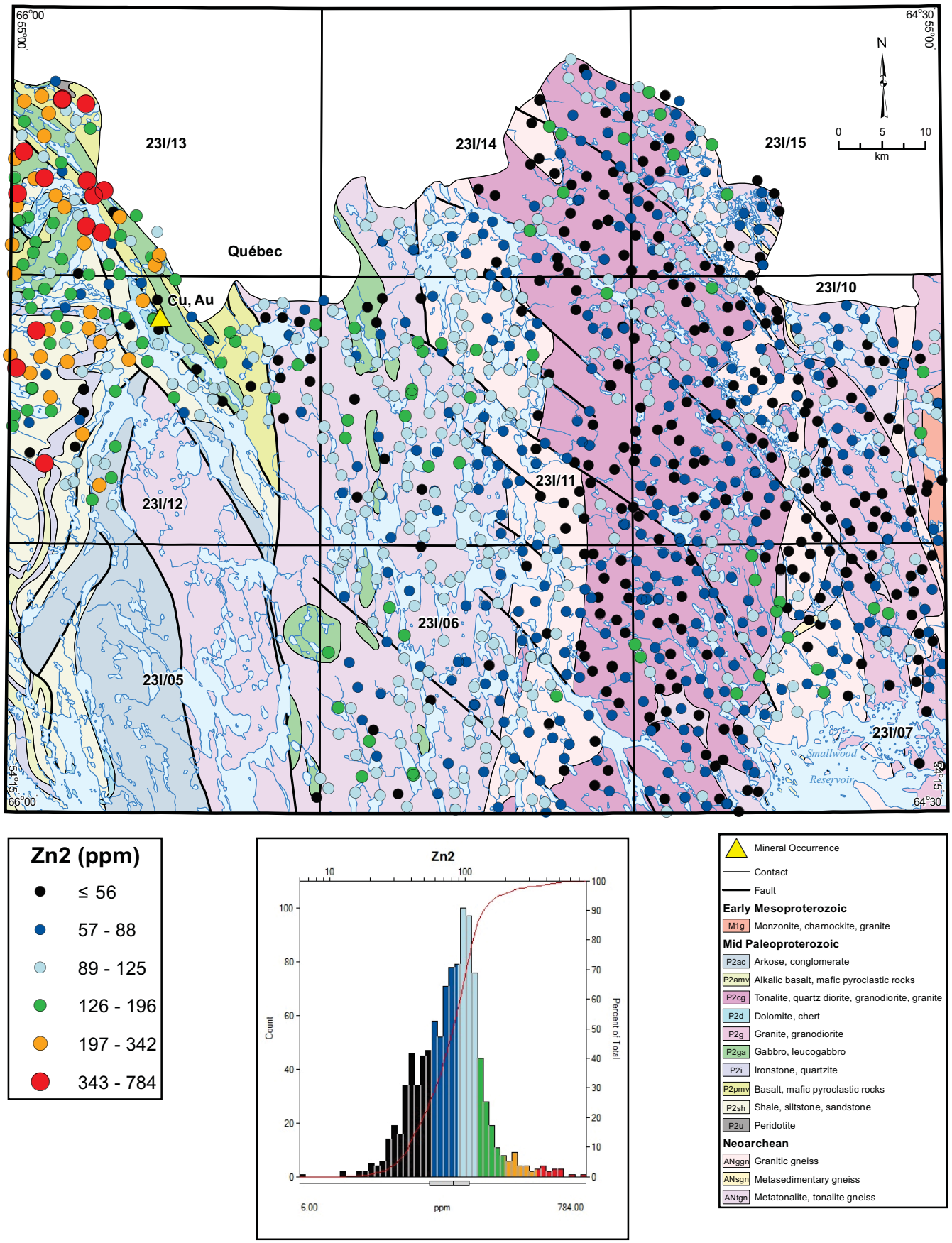
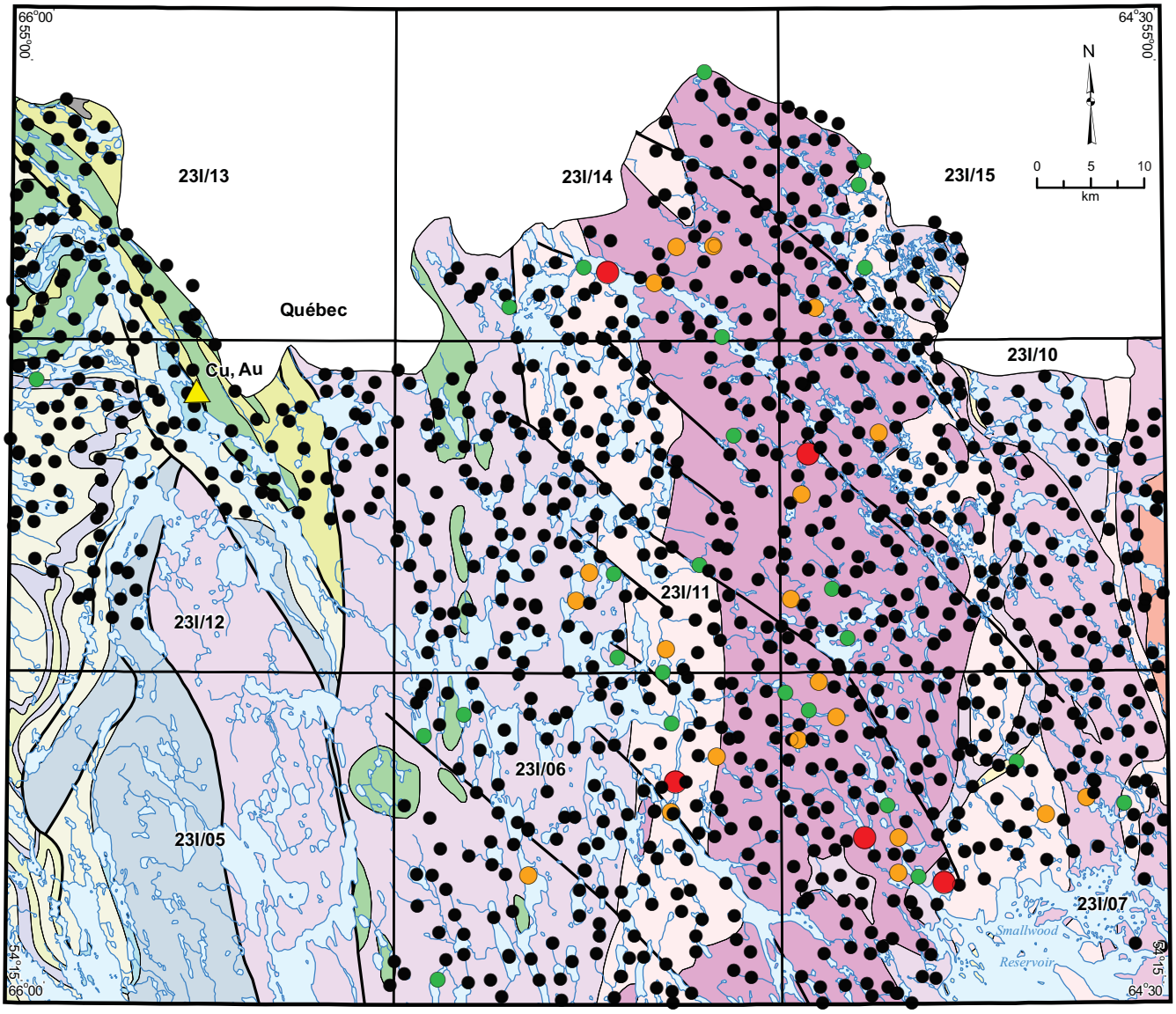
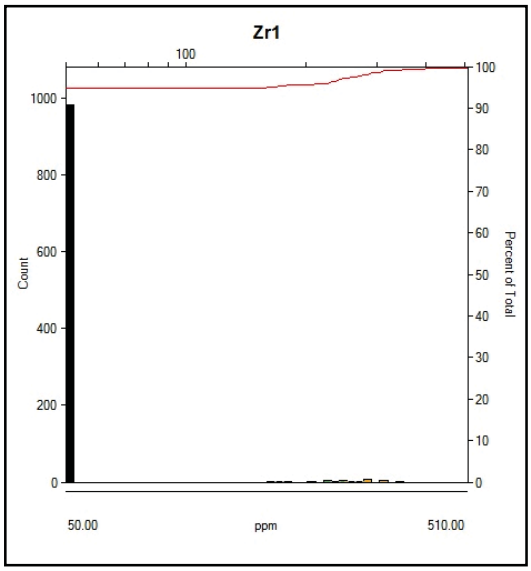


Figure 77. *Zinc (Zn2) in lake sediment.*



Zr1 (ppm)

- ≤ 50
- 51 - 250
- 251 - 350
- 351 - 510



- Mineral Occurrence
- Contact
- Fault

Early Mesoproterozoic

- M1g — Monzonite, charnockite, granite

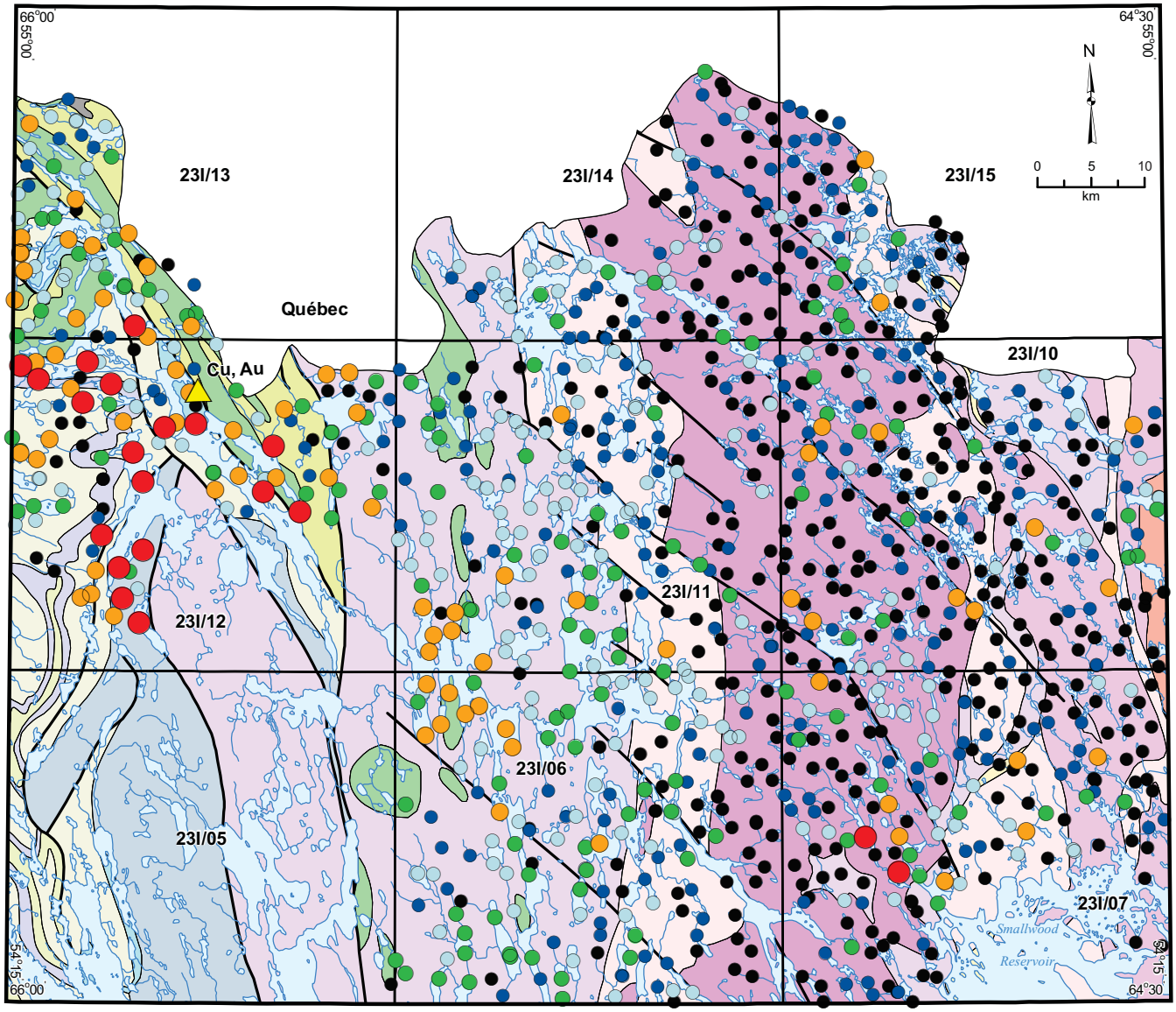
Mid Paleoproterozoic

- P2ac — Arkose, conglomerate
- P2amv — Alkalic basalt, mafic pyroclastic rocks
- P2cg — Tonalite, quartz diorite, granodiorite, granite
- P2d — Dolomite, chert
- P2g — Granite, granodiorite
- P2ga — Gabbro, leucogabbro
- P2i — Ironstone, quartzite
- P2pmv — Basalt, mafic pyroclastic rocks
- P2sh — Shale, siltstone, sandstone
- P2u — Peridotite

Neoarchean

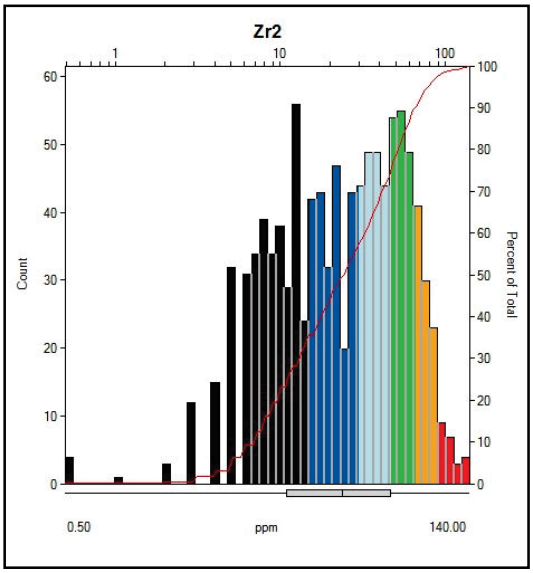
- ANggn — Granitic gneiss
- ANsgn — Metasedimentary gneiss
- ANtgn — Metatonalite, tonalite gneiss

Figure 78. *Zirconium (Zr1) in lake sediment.*



Zr2 (ppm)

- ≤ 16
- 17 - 31
- 32 - 48
- 49 - 66
- 67 - 91
- 92 - 140



- Mineral Occurrence
- Contact
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Early Mesoproterozoic

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- P2sh Shale, siltstone, sandstone
- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 79. *Zirconium (Zr2) in lake sediment.*

Appendix 3 – Figures 80-95
Symbol Plots of Element Distributions of Water Data for the Knox Lake Area

Figure 80. Barium (Baw2) in lake water 217
Figure 81. Conductivity (Cond) in lake water 218
Figure 82. Chromium (Crw2) in lake water 219
Figure 83. Copper (Cuw2) in lake water 220
Figure 84. Iron (Few1) in lake water 221
Figure 85. Magnesium (Mgw1) in lake water 222
Figure 86. Nickel (Niw2) in lake water 223
Figure 87. Phosphorus (Pw2) in lake water 224
Figure 88. Lead (Pbw2) in lake water 225
Figure 89. pH in lake water 226
Figure 90. Sulphur (Sw1) in lake water 227
Figure 91. Silicon (Siw1) in lake water 228
Figure 92. Strontium (Srw2) in lake water 229
Figure 93. Titanium (Tiw2) in lake water 230
Figure 94. Vanadium (Vw2) in lake water 231
Figure 95. Zinc (Znw2) in lake water 232

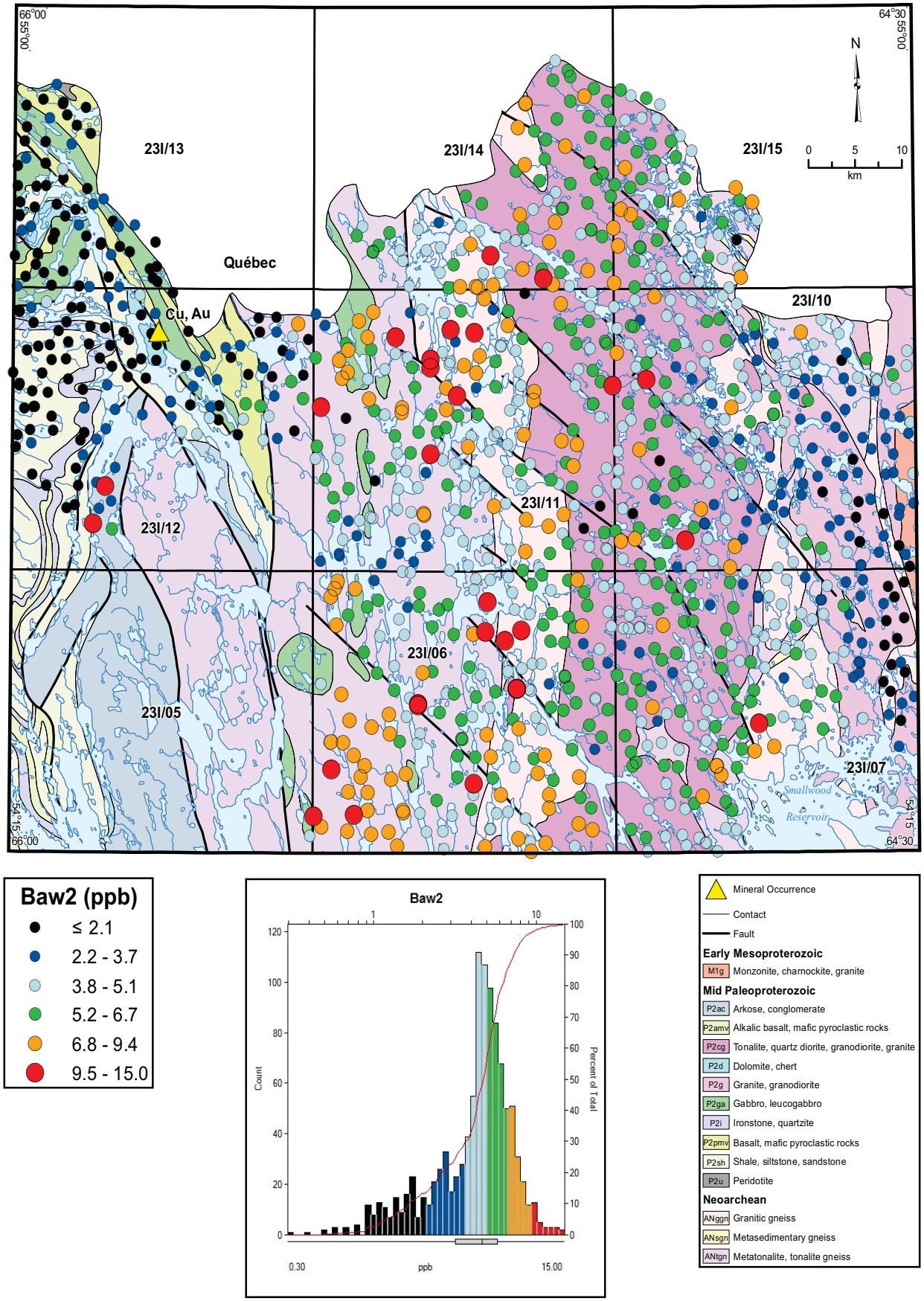


Figure 80. *Barium (Baw2) in lake water.*

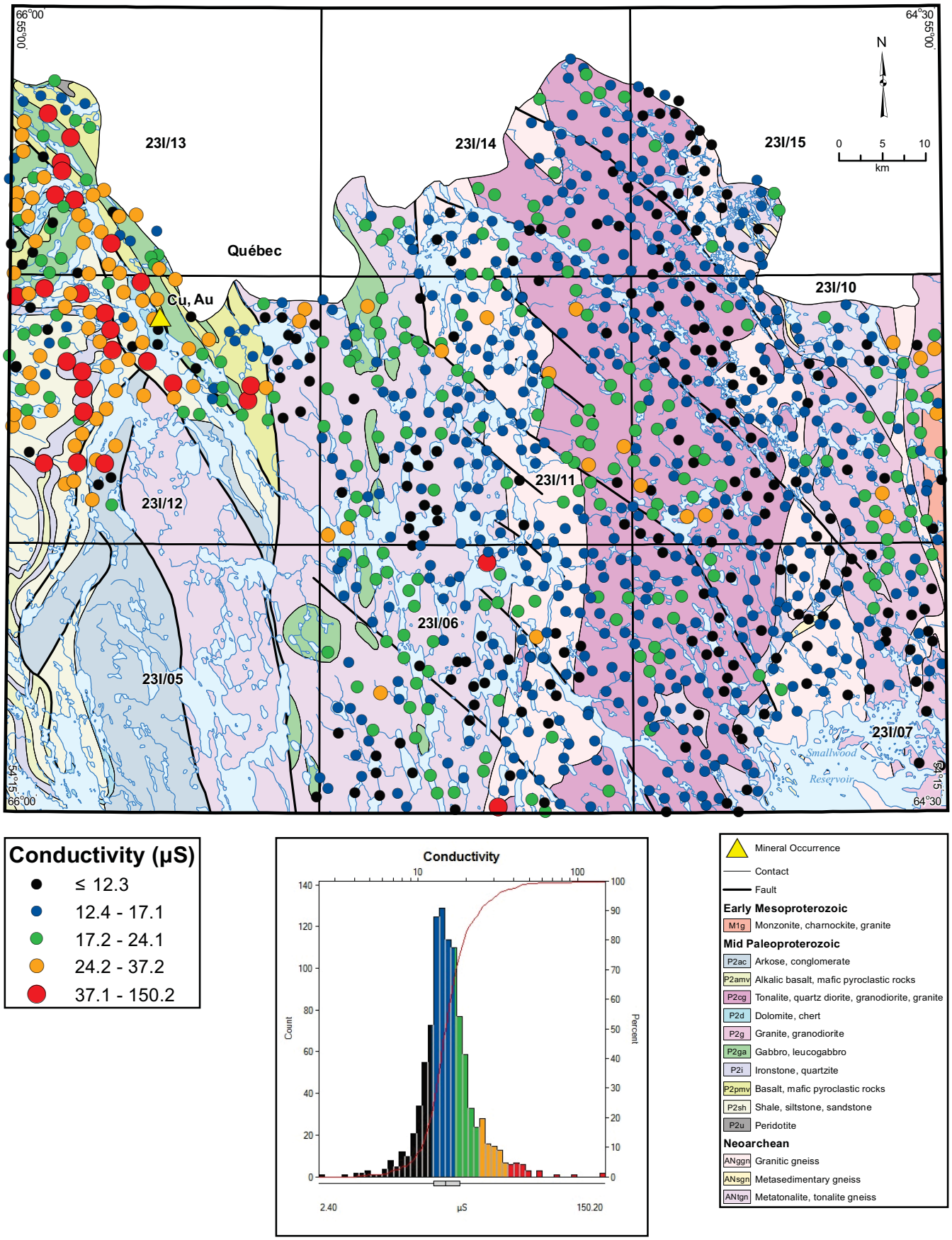


Figure 81. *Conductivity (Cond) in lake water.*

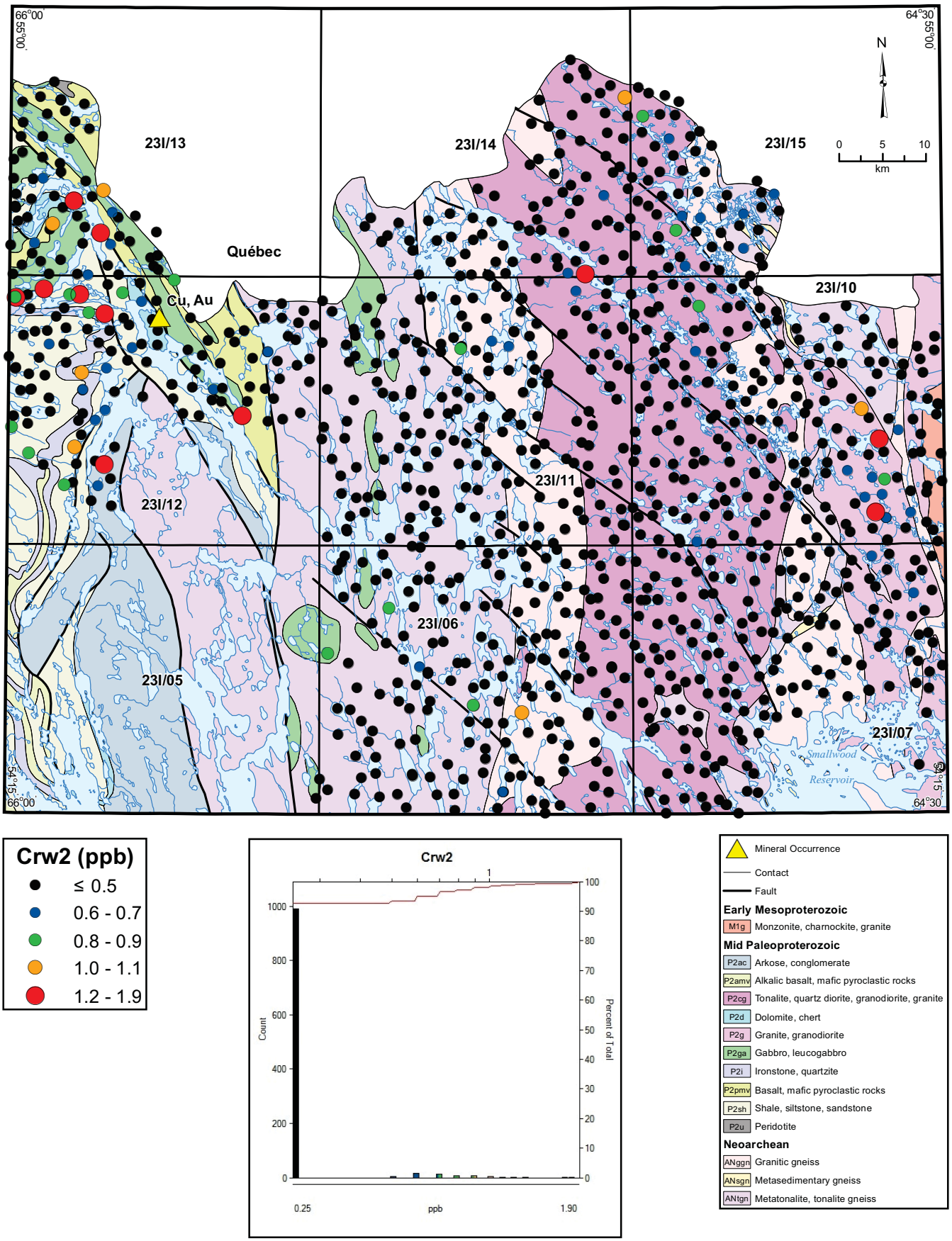


Figure 82. *Chromium (Crw2) in lake water.*

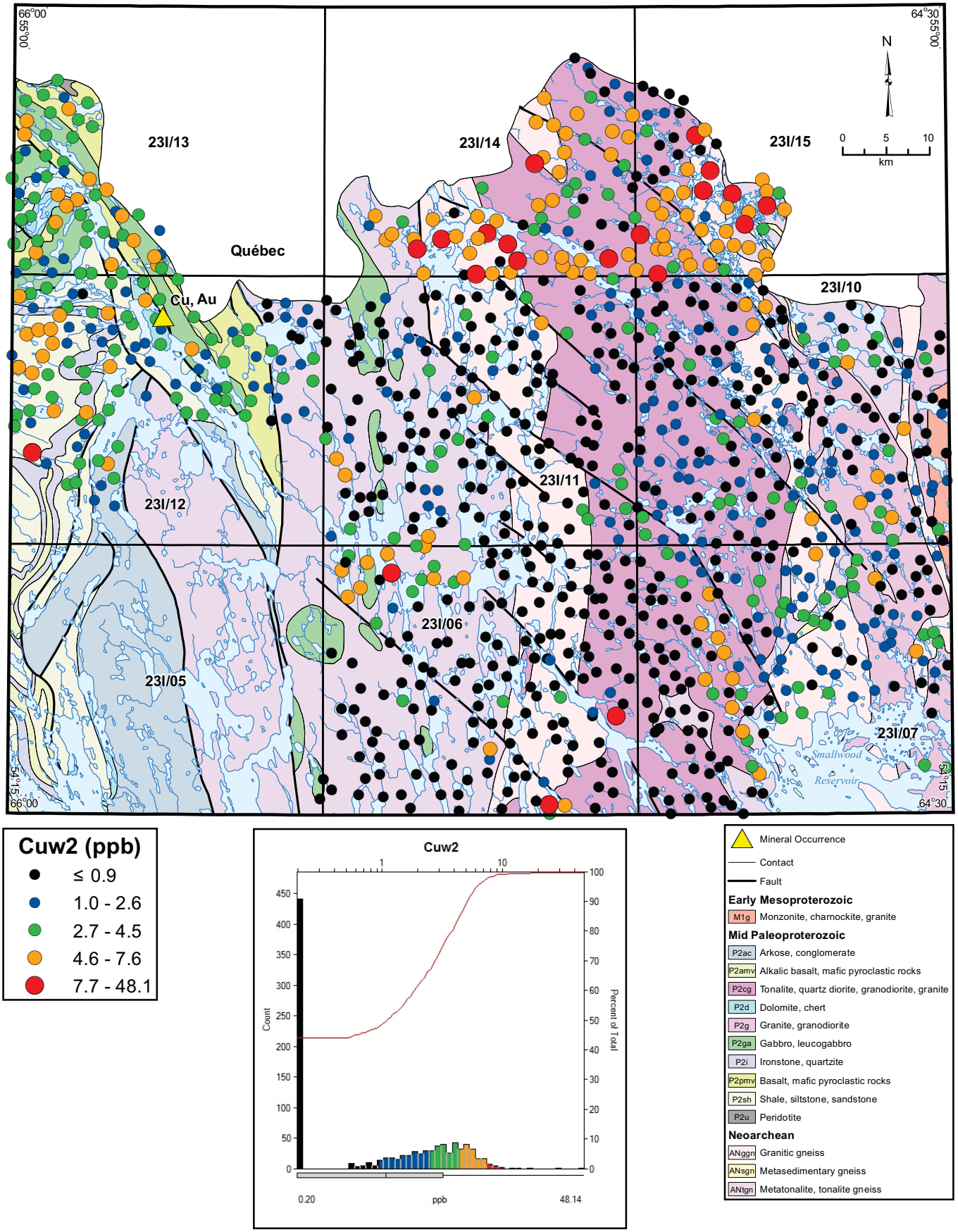


Figure 83. *Copper (Cuw2) in lake water.*

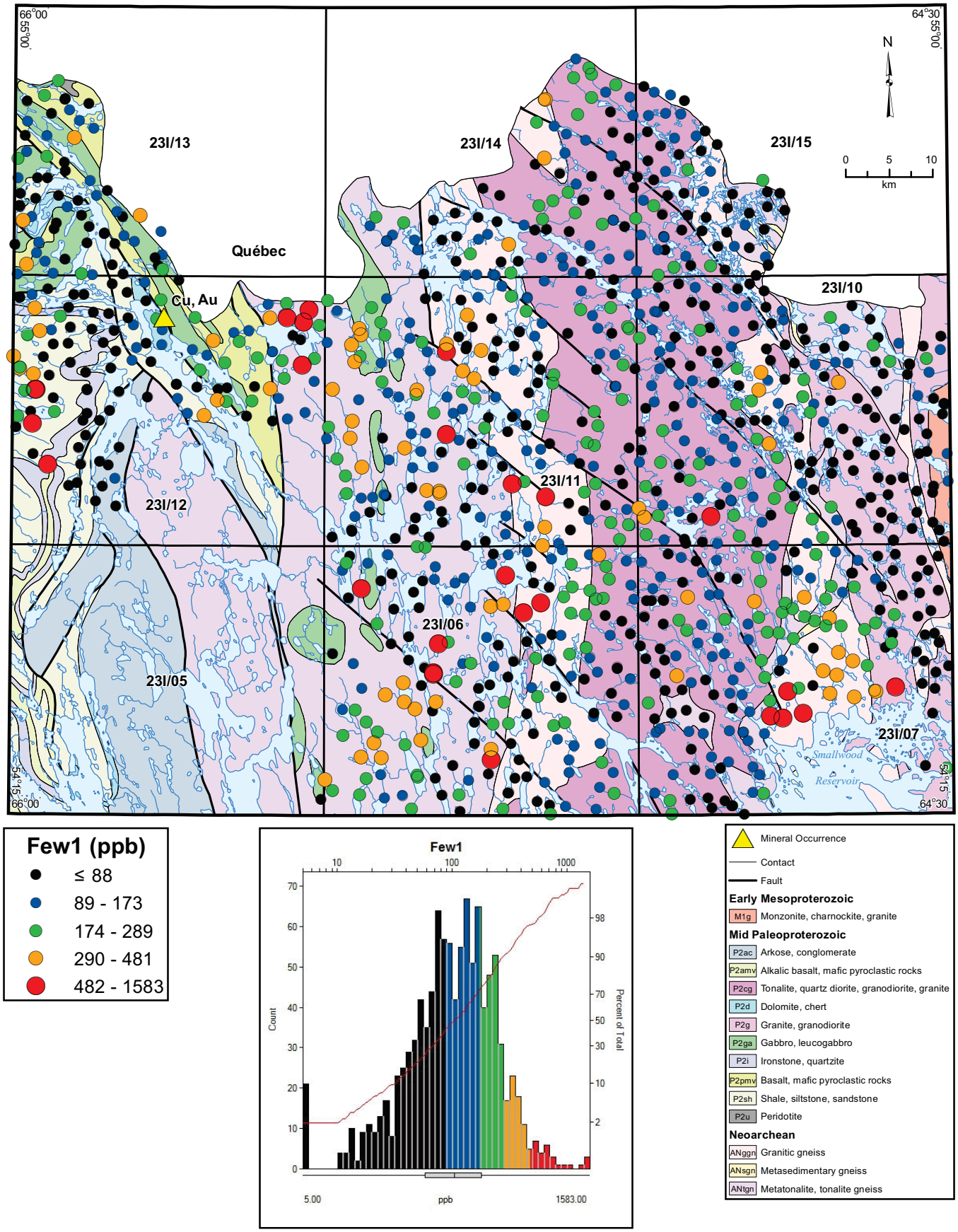


Figure 84. *Iron (Few1) in lake water.*

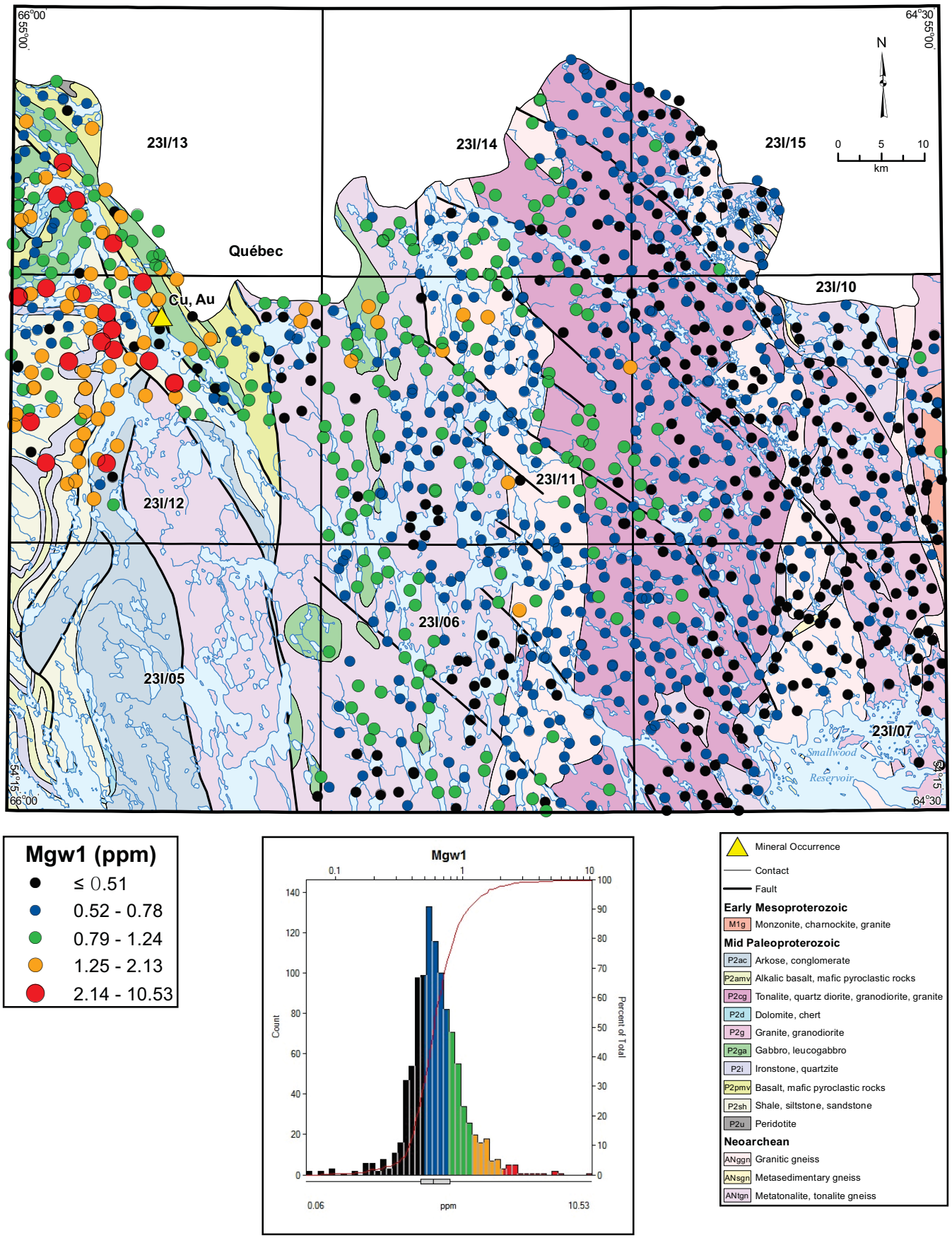


Figure 85. *Magnesium (Mgw1) in lake water.*

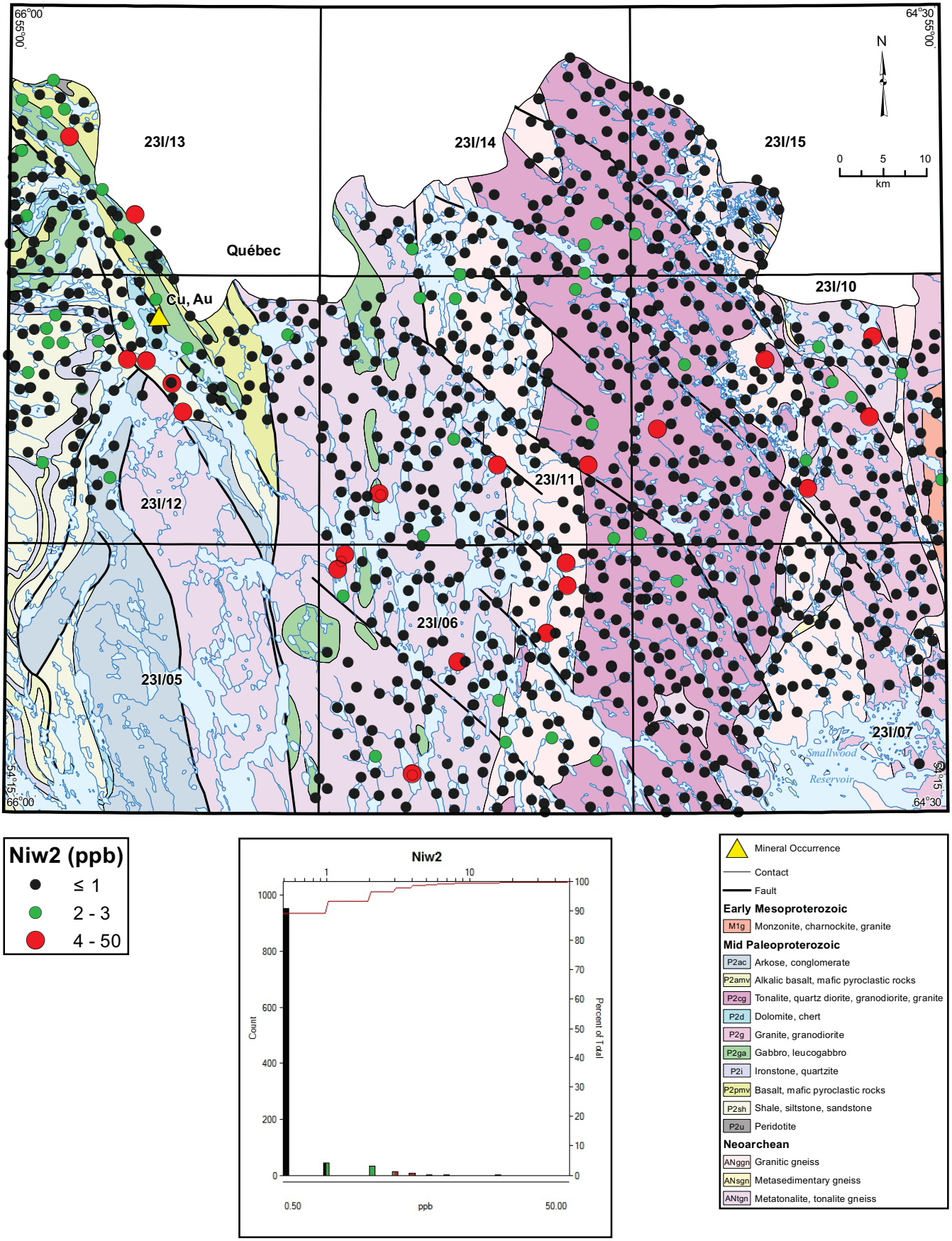


Figure 86. *Nickel (Niw2) in lake water.*

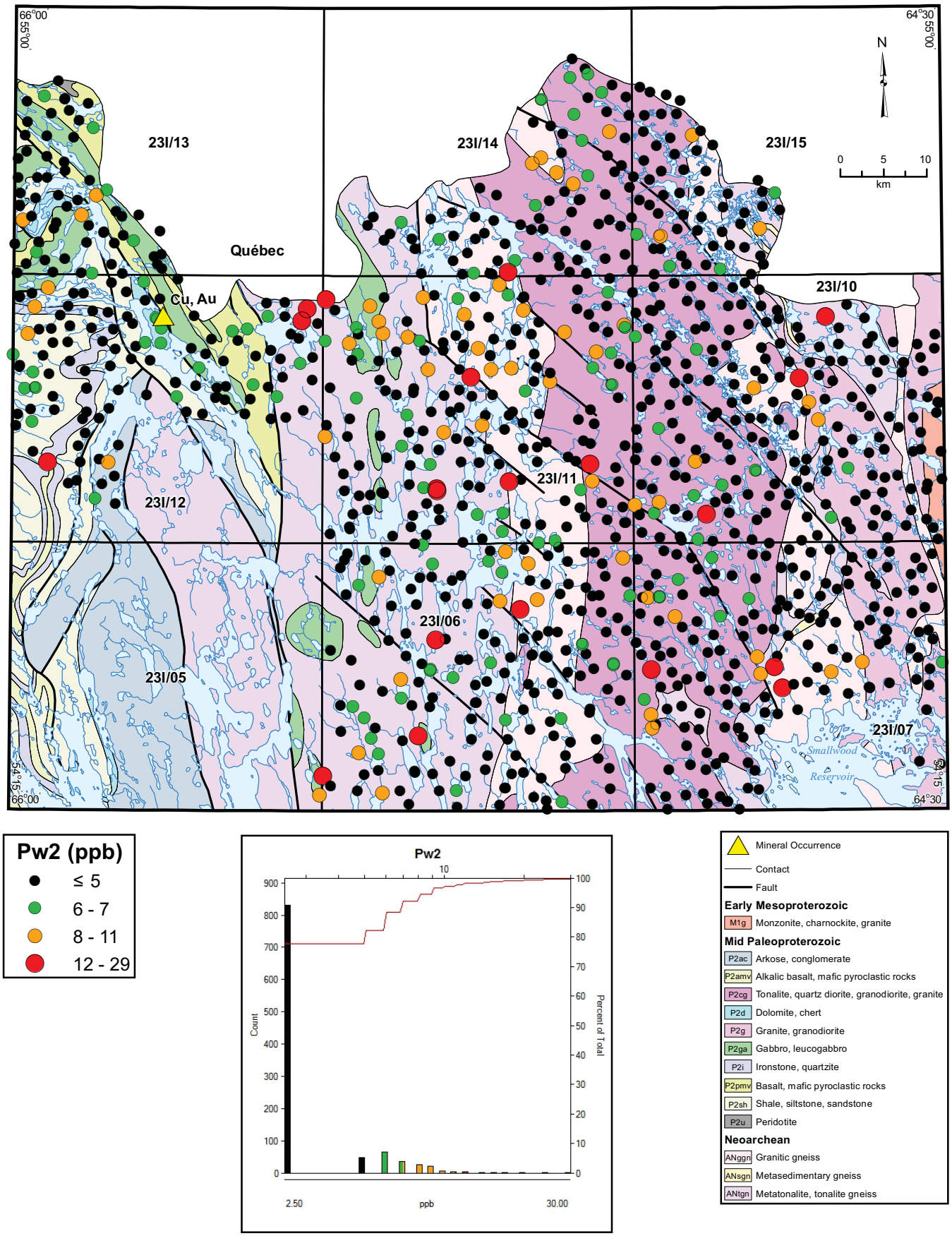
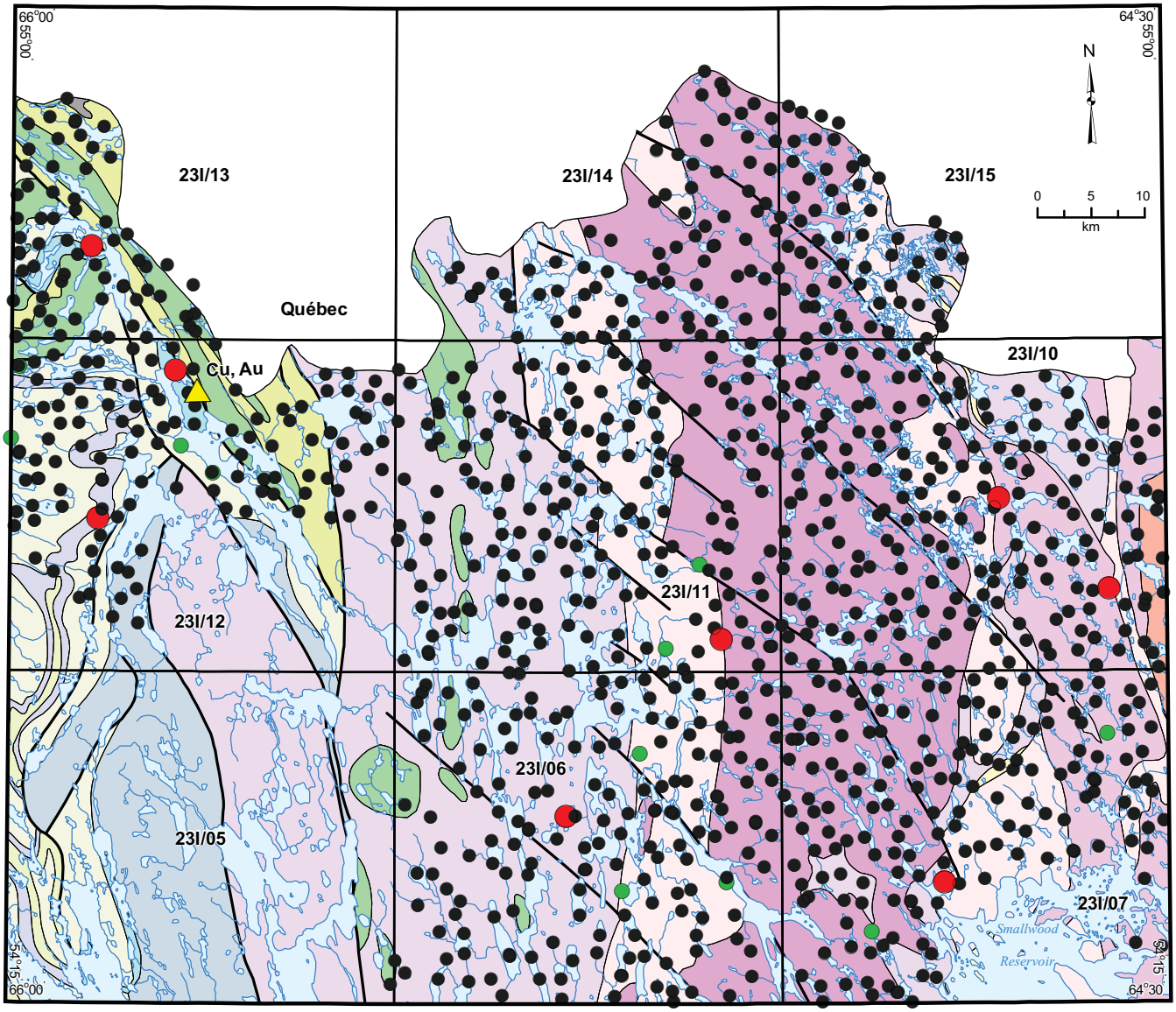
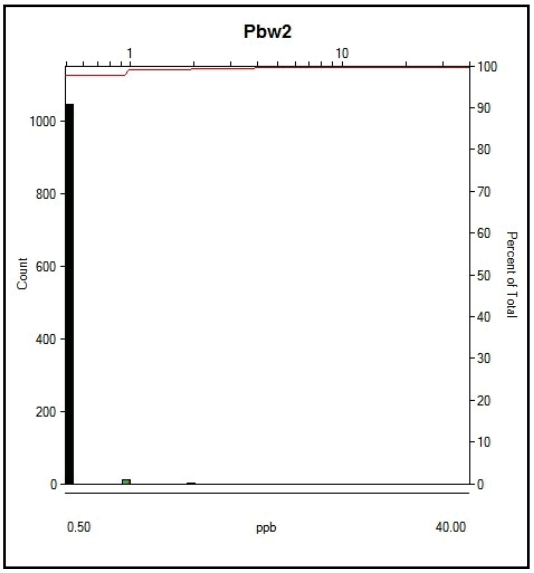


Figure 87. *Phosphorus (Pw2) in lake water.*



Pbw2 (ppb)

- ≤ 1
- 1
- 2 - 40



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- P2u Peridotite

Neoarchean

- ANggn Granitic gneiss
- ANsgn Metasedimentary gneiss
- ANtgn Metatonalite, tonalite gneiss

Figure 88. *Lead (Pbw2) in lake water.*

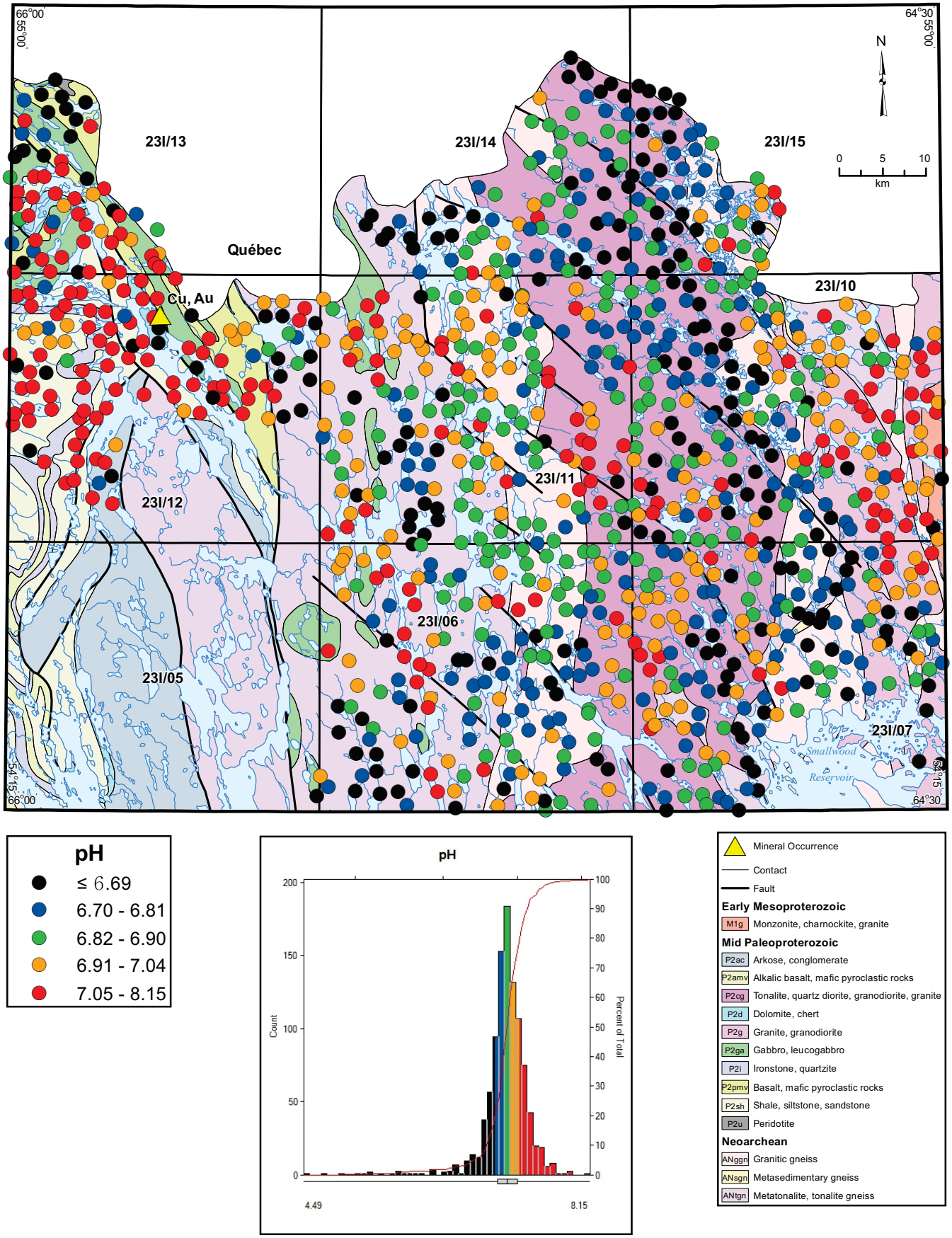

Figure 89. *pH in lake water.*

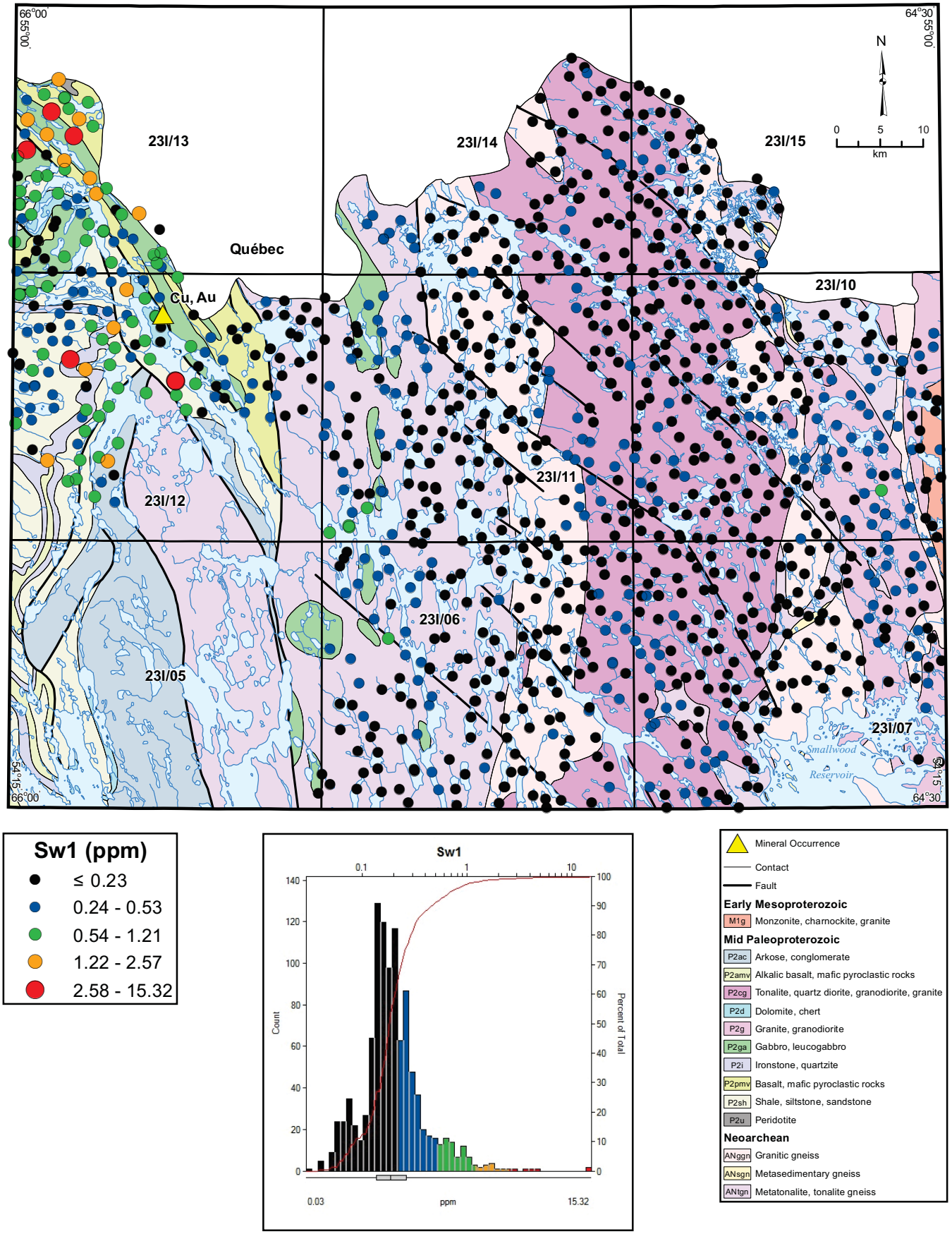

Figure 90. *Sulphur (Sw1) in lake water.*

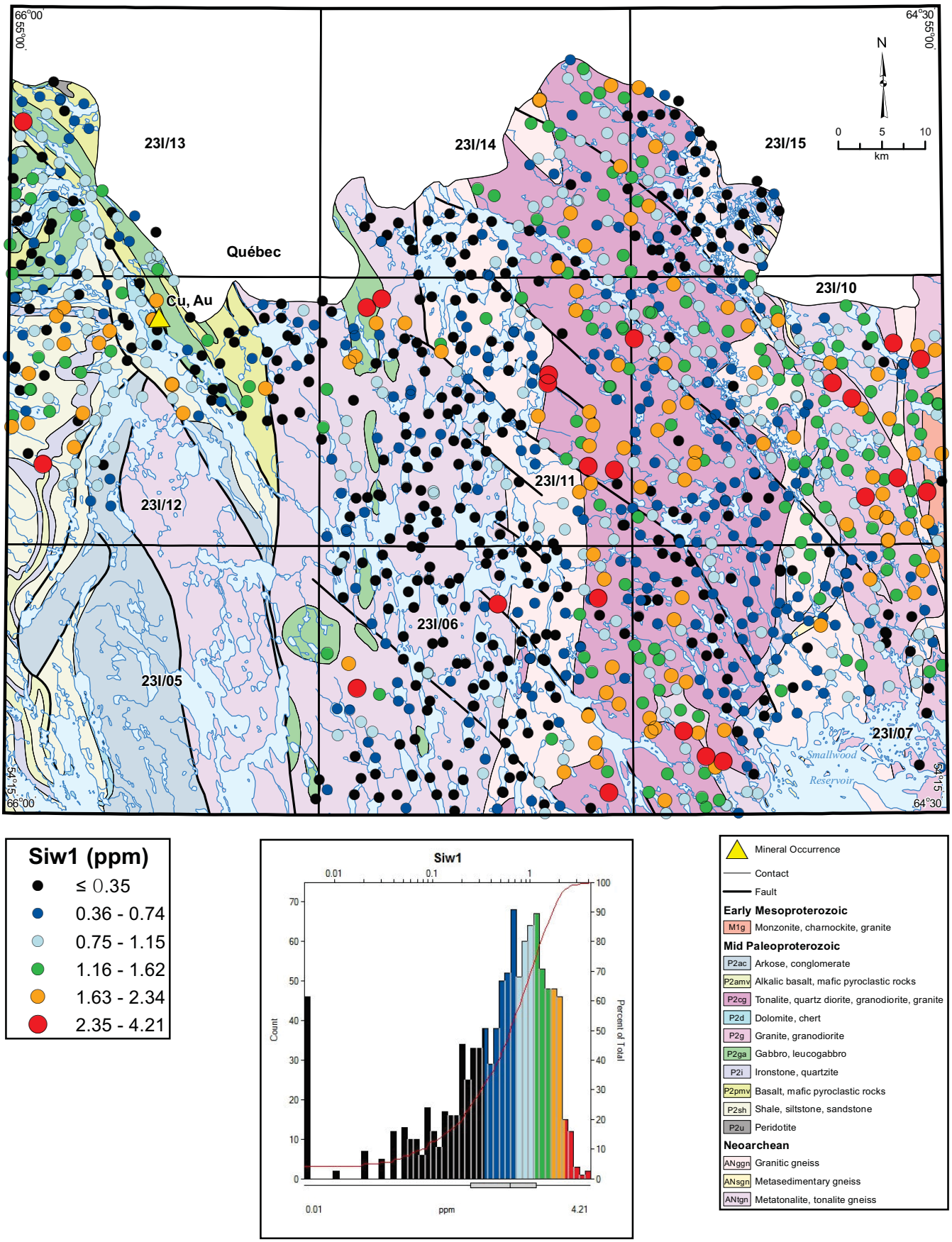

Figure 91. *Silicon (Siw1) in lake water.*

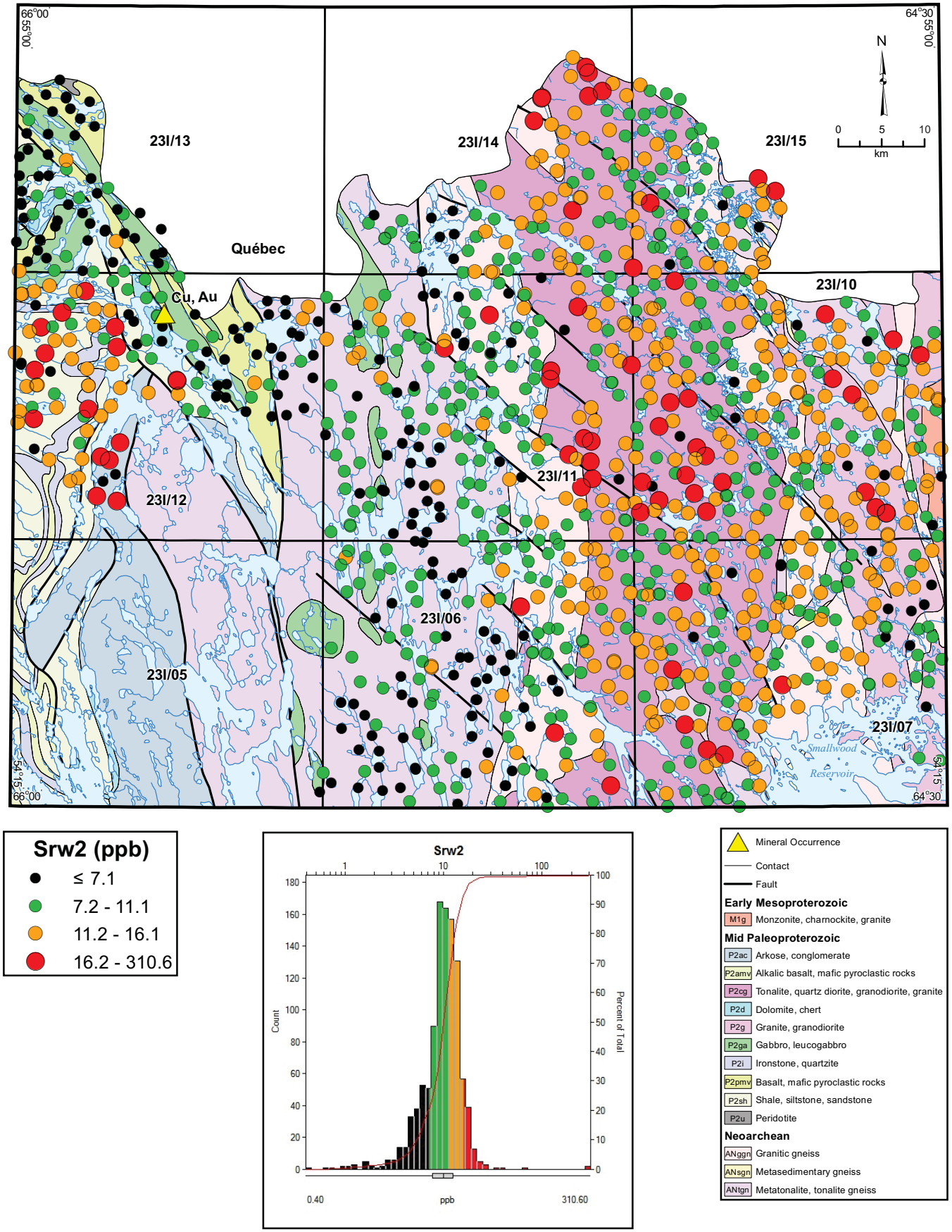

Figure 92. *Strontium (Srw2) in lake water.*

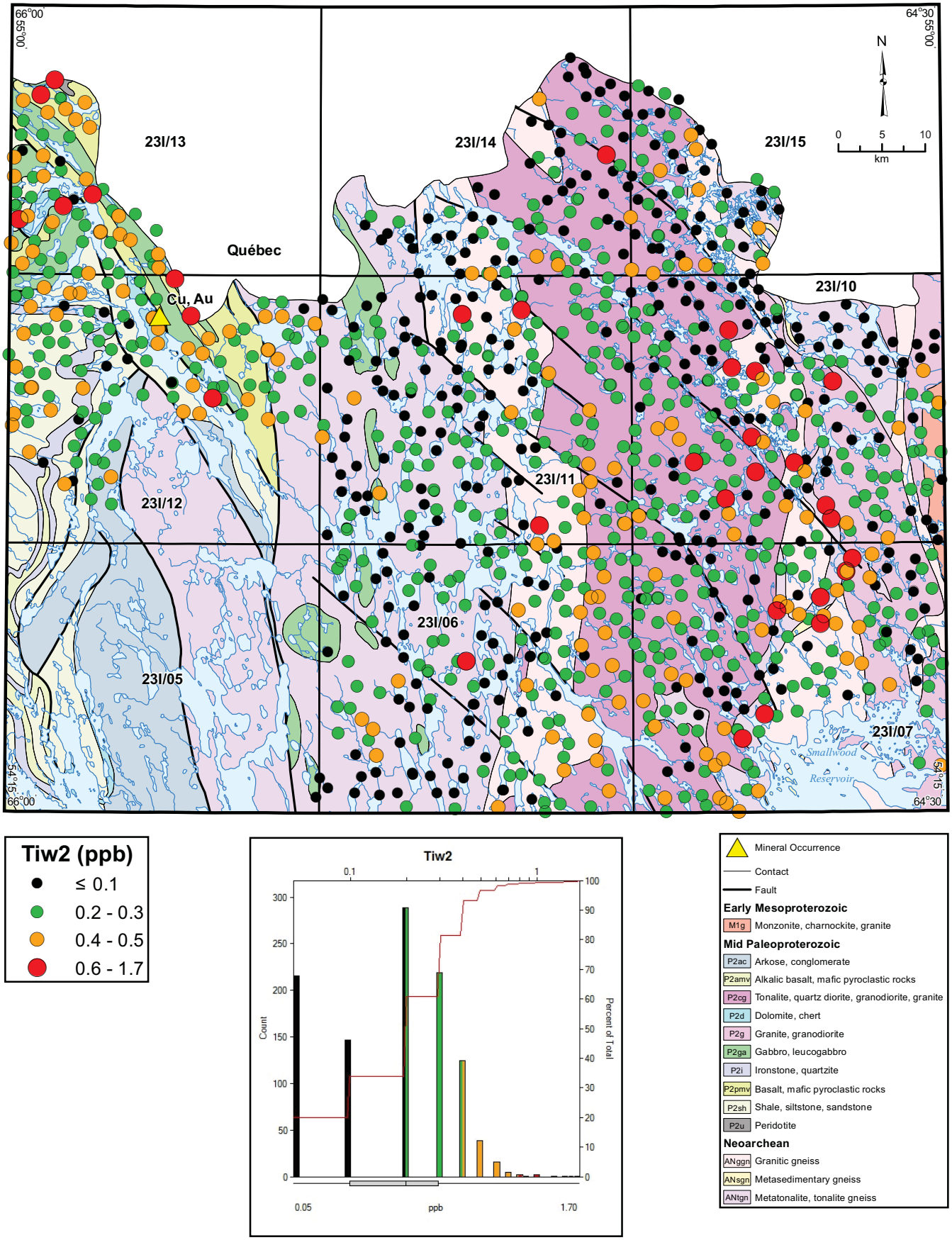

Figure 93. *Titanium (Tiw2) in lake water.*

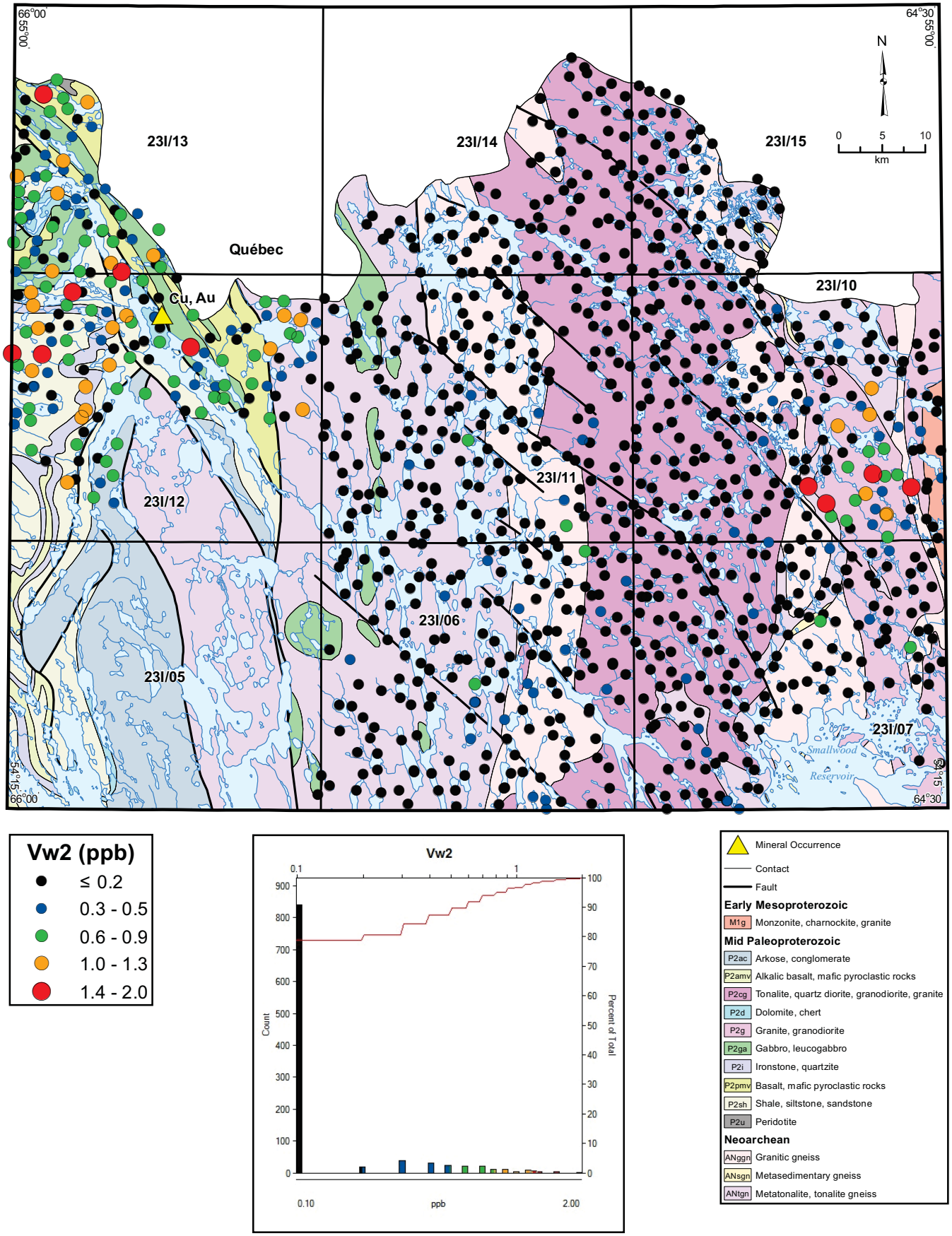

Figure 94. *Vanadium (Vw2) in lake water.*

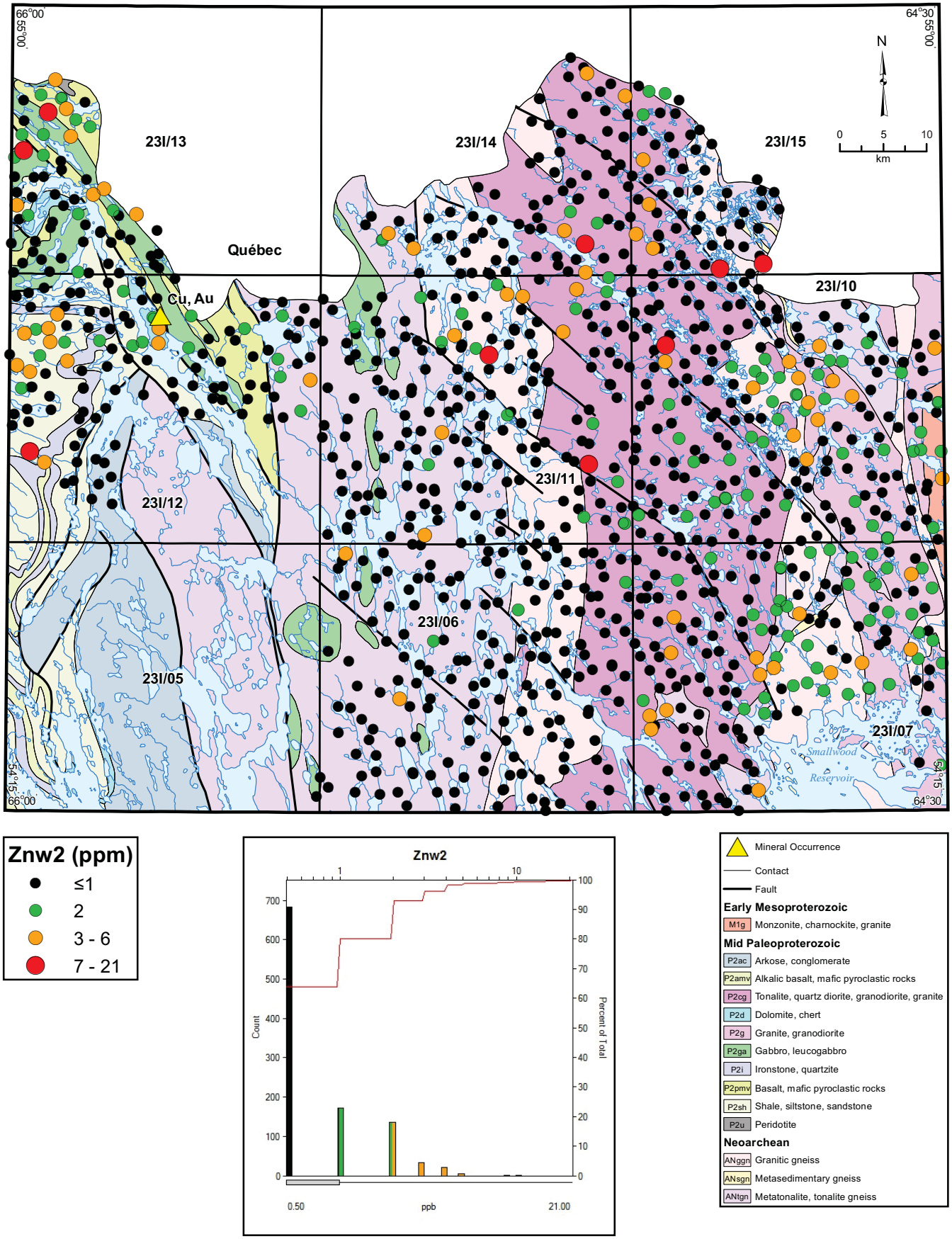

Figure 95. *Zinc (Znw2) in lake water.*