Newfoundland Labrador

Natural Resources

Mines

A HIGH-DENSITY LAKE SEDIMENT AND WATER SURVEY IN TWO AREAS OF CENTRAL AND WESTERN LABRADOR

(NTS MAP AREAS 13E/1, 2 and 8 and LABRADOR PORTIONS OF 23I/12 (NORTH HALF), 23I/13, 23J/9, 15 and 16 and 23O/1, 2 and 7)

J.W. McConnell and M.J. Ricketts

Open File LAB/1585

St. John's, Newfoundland
October, 2011

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Cover: Photograph showing the Churchill River in foreground; sample 6254903 collected from the lake. Photograph by Jerry Ricketts.

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St. John's, Newfoundland
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ABSTRACT

A detailed lake sediment and water survey was conducted over two areas in central and western Labrador in 2006. Samples were collected from NTS map areas 13E/1, 2 and 8 in the Winokapau Lake area. In the Schefferville area, samples were collected from the Labrador portions of NTS map areas 23I/12 (north half), 23I/13, 23J/9, 15 and 16 and 23O/1, 2 and 7.

The Winokapau Lake area is underlain by a mid- to late-Precambrian mixed gneiss, granitoid and gabbroid crystalline terrane, which is part of the northern Grenville Province. There is one known occurrence of pyrite and four of copper in the area. The Schefferville survey area is part of the southeastern Churchill Province and is underlain predominantly by mid-Paleoproterozoic sedimentary and volcanic rocks of the Labrador Trough. There are numerous occurrences of mineralization including 36 pyrite, 29 copper and 2 zinc.

A nominal sample density of one per four square kilometres was used, although the presence of some areas without suitable lakes reduced the effective sample density. Samples of organic lake sediment were collected from 1004 sites and water samples were obtained from 1036 sites. Of these, 531 sediment samples and 541 water samples were collected in the Winokapau Lake area and 473 sediment samples and 495 water samples were collected in the Schefferville area. In addition, one site in twenty was sampled, in duplicate, for quality control. Sampling was conducted by float-equipped helicopter using a weighted tubular steel gravity sampler for sediment collection. Lake sediment was analyzed using four methods for 48 unique elements plus loss-on-ignition. In addition, 12 of these elements were analyzed by two methods for a total of 60 separate determinations. Lake water was analyzed for conductivity, pH, SO_4 and 25 elements. In addition, water samples from the Winokapau Lake area were analyzed for uranium in water.

The report provides summary statistics of the geochemical data, correlation analyses of selected sediment and water data, histograms, cumulative frequency plots, sample location maps and symbol maps showing the distribution of most elements and variables in sediment and water. The symbols are overlain on maps showing geology derived from 1:100 000-scale mapping in the Winokapau Lake area and 1:1 000 000-scale mapping in the Schefferville area. Drainage features are shown at 1:250 000 scale. The sample location maps show more detailed 1:50 000-scale drainage features.

There are many areas demarcated by samples having anomalous contents of various ore elements. Of particular interest are uranium and copper in the Winokapau Lake area and the base metals copper, nickel and zinc as well as gold in the Schefferville area.

INTRODUCTION

The field work for the survey was conducted during the summer of 2006 (Figure 1). The more easterly of the two areas was sampled from a camp located along the Trans-Labrador Highway in the southwest corner of NTS map area 13E/8 at UTM coordinates E537301 and N5901310. The westerly area was sampled from Schefferville using the facilities of the McGill Subarctic Research Station.

There were several reasons for selecting these areas for detailed-scale surveying. The eastern area, referred to in this report as the Winokapau Lake area, had anomalously high levels of uranium in sediment and water in an earlier reconnaissance survey (Friske *et al.*, 1993). It is also located close to the Trans-Labrador Highway making it readily accessible. The second area, referred to here as the Schefferville area, had high levels of gold, copper, nickel, zinc and antimony in sediment (Hornbrook *et al.*, 1989). In addition, there are known occurrences of copper and zinc mineralization.

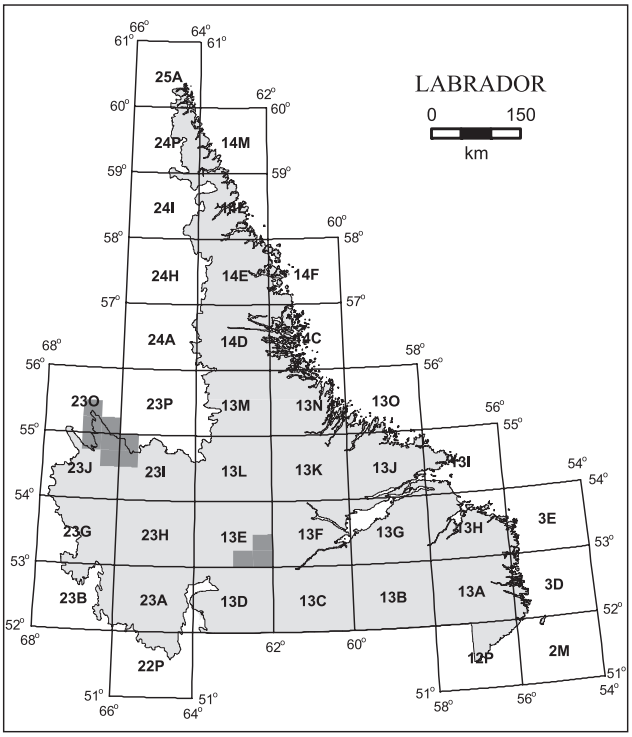


Figure 1. *Location of survey area.*

LOCATION, ACCESS AND PHYSIOGRAPHY

The survey in the Winokapau Lake area includes three NTS map areas, 13E/1, 2 and 8. The approximate centre of the area is located about 200 km west of Happy Valley–Goose Bay along the Trans-Labrador Highway. Most of NTS map area 13E/8 has subdued relief as do the north and southeast portions of NTS map area 13E/1 and much of the central and southwest part of 13E/2. More rugged areas are located north of Winokapau Lake, in the southwest portion of 13E/1 and in the area adjacent to the Churchill River in 13E/1.

The survey in the Schefferville area consists of the Labrador portion of seven 1:50 000 NTS map areas (23I/13, 23J/9, 15 and 16 and 23O/1, 2 and 7) and the north half of NTS 23I/12. The Québec town of Schefferville, although much reduced in population since the closure of the iron mines in 1982, still serves as the logistical base for the area. It is accessible by scheduled air service from Montreal and by passenger and freight rail service from Labrador City with connections to Sépt Isles, Québec provided by Tshiuetin Rail Transportation. Topographic relief is largely controlled by bedrock. Units of quartzites, arkoses and basalt have prominent relief whereas units of argillite, shale and siltstone have subdued relief. Tree cover is pervasive but sparse.

PREVIOUS GEOCHEMICAL SURVEYS

The two areas were included in the Labrador reconnaissance-scale lake surveys and had a sample density of 1 per 14 km^2 and were a component of the Geological Survey of Canada's National Geochemical Reconnaissance Program. The survey encompassing the Winokapau Lake area (Friske *et al.*, 1993) and that of the Schefferville area (Hornbrook and Friske, 1989) included analyses of LOI and 40 elements in sediment and U, fluoride and pH in water.

The principal element of interest in the reconnaissance survey that includes the Winokapau Lake area is uranium. The median uranium (U1) value in the reconnaissance survey of samples from NTS map area 13E is 2.2 ppm. Of the 1140 uranium analyses in the NTS map area 13E survey, 14 have values >20 ppm, and the highest has a value of 124 ppm. Eleven of these samples are found in NTS map areas 13E/1 and 13E/2 including the one with the highest value.

The reconnaissance survey in the Schefferville area has several elements of interest including high values in lake sediment of gold (Au), chromium (Cr), copper (Cu), nickel (Ni), antimony (Sb) and zinc (Zn).

Additionally, in the Schefferville area there are small portions of NTS map areas 23J/16 and 15 that were also sampled in a detailed-scale lake survey in 1979 (McConnell, 1980) that were sampled for their zinc potential. Originally released in analogue format with data maps, the samples were analyzed for additional elements and released as part of a larger database of detailed Labrador lake surveys (McConnell, 2009).

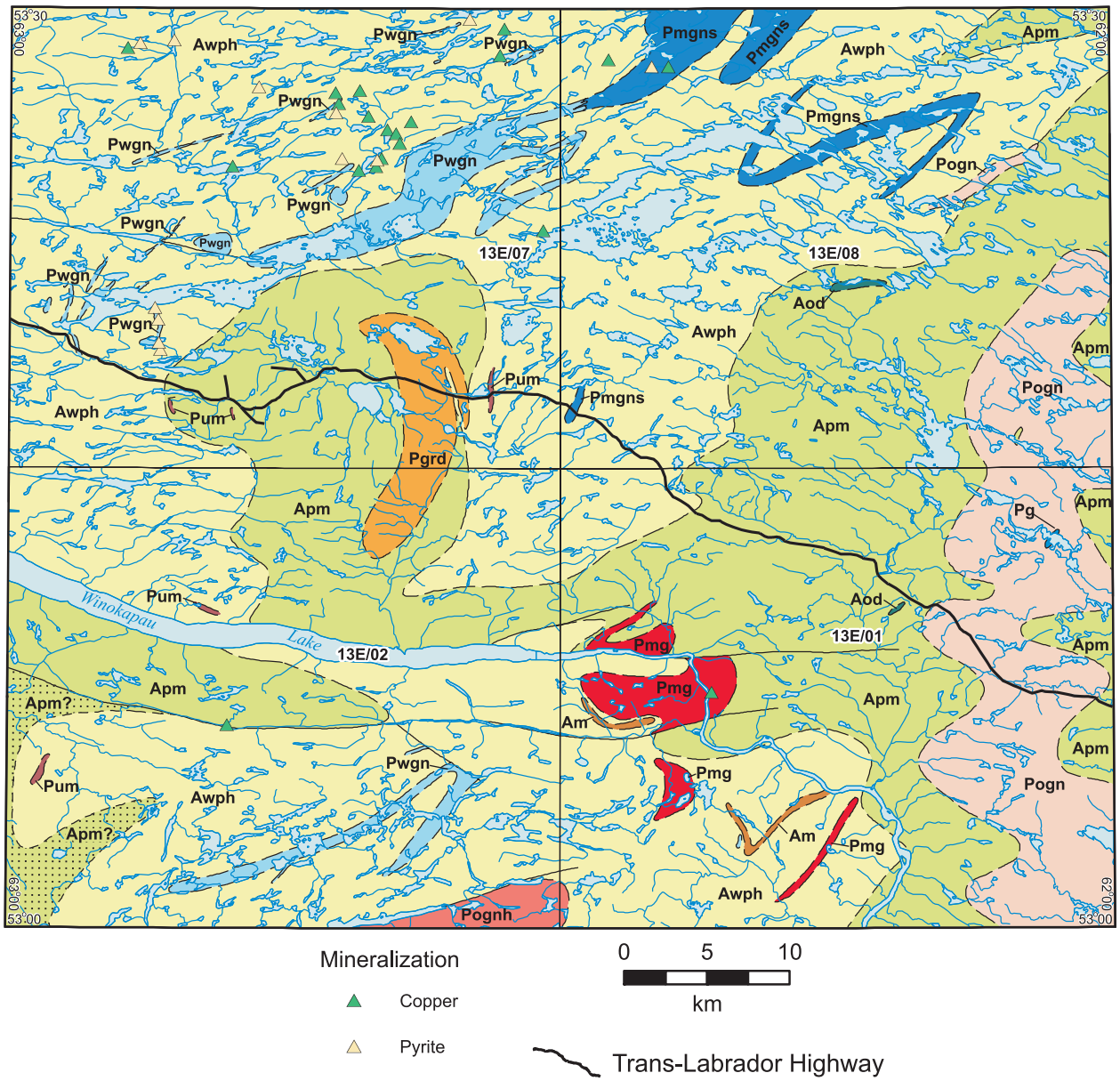
NTS map areas 23J/09 and 23J/16 were covered by a regional till survey (Liverman *et al.*, 1993) and were also included in a very low-density till survey (Thompson *et al.*, 1988).

GEOLOGY AND MINERALIZATION

WINOKAPAU LAKE AREA

The following abbreviated description of bedrock geology in the Winokapau Lake area is derived from Thomas *et al.* (2000). The survey area lies within a mid- to late-Precambrian mixed gneiss, granitoid and gabbroid crystalline terrane, which belongs to the northern Grenville Province. Rocks within the area of the lake survey are part of a widespread regional salient block, in part thrust-fault bounded, termed the Wilson Lake allochthon.

The geology of the Winokapau Lake survey area is shown in Figure 2. There are nine main bedrock units recognized, the oldest of which is the banded amphibolite to granulite-facies Disappointment Lake paragneiss. The paragneiss is derived from an aluminous sedimentary protolith. The granulite facies paragneiss (**Awph**) is welded, quartzofeldspathic, rusty pink to buff on weathered surfaces and exhibits a polygonal granoblastic texture. The gneiss contains numerous boudinaged mafic dykes and inclusions, probably related to gabbronoritic bodies (**Pwgn**; *see* below). The middle- to upper-amphibolite facies paragneiss (**Apm**) is less dense and more fissile than its granulite facies counterpart. Diabase dykes and boudins are also present in amphibolite



GEOLOGY

Mesoproterzoic or older

Pg	Foliated gabbro/quartz gabbro
Pgrd	Wilson Lake granodiorite
Pmg	Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
Pogn	Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
Pum	Pyroxene, magnetite-bearing ultramafic rocks
Pmgns	Beaver River gneiss: well-banded, mafic orthogneiss
Pwgn	Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

Am	White marble
Awph	Welded granulite facies quartzofeldspathic paragneiss
Aod	Banded diorite to quartz diorite within unit Apm
Apm?	Probably unit Apm
Apm	Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 2. *Geology of the Winokapau Lake survey area.*

paragneiss, as are zones of banded diorite and quartz diorite gneiss (**Aod**). Pegmatite occurs commonly in the amphibolite gneiss, but with concentrations southeast of Wilson Lake, south of Winokapau Lake, and northeast of the outlet from the lake of the Churchill River.

Marble (**Am**) is found at two places southeast of the east end of Winokapau Lake. It is bright white where fresh but has a dull grey surface that weathers in relief. Layering within the marble represents transposed bedding, and the marble may be derived from original, impure siliceous limestone interbeds within the paragneiss' protolith.

Intrusive bodies of noritic to gabbroic composition (**Pwgn**) occur throughout the granulite-facies paragneiss. They are deformed and elongated, likely derived from dykes and sills. Gabbronorite is massive and medium-grained with commonly chilled marginal contacts with paragneiss.

The Beaver River gneiss (**Pmgns**), found here only in NTS map area 13E/08, is dark green, and exhibits medium- to coarse-grained granoblastic texture. Compositional and mineralogical similarities, as well as local gradational contact relationships between Beaver River gneiss and unit **Pwgn** gabbronorites, suggest that the former is a more intensely deformed and metamorphosed equivalent of the latter.

Several small isolated peridotitic ultramafic bodies (**Pum**) occur within the granulite-facies paragneiss. They are dark green to black, massive, medium to coarse grained, and contain olivine, ortho- and clinopyroxene, brown biotite, serpentine and magnetite–ilmenite. These bodies are probably intrusive into the paragneiss or its precursor, and may be genetically related to **Pwgn** gabbronorite.

A large body of orthogneiss (**Pogn**) occurs along the eastern border of the map area 13E/08. The gneiss is pink, migmatitic, has a well developed banded and/or augen texture, and is probably derived from equigranular and porphyritic granite/granodiorite, as evidenced by the preservation of a porphyritic to megacrystic igneous-textured core. A hypersthene-bearing phase of this unit (**Pognh**) is present at the southern part of NTS map area 13E/02.

The Mouni Rapids pluton (**Pmg**) comprises three separate, tectonically dismembered segments of a small, possibly diapiric, body. All segments occur in the granulite-facies paragneiss, and two appear to occupy the cores of major regional folds. The third is stretched into an elongate northeast-trending mass. Composition of the rocks is mostly granitic to granodioritic, with local dioritic, quartz dioritic and hornblende granite variants. The mineralogy comprises clinopyroxene, hornblende, biotite, garnet, muscovite, chlorite, minor sillimanite, quartz, orthoclase, microcline and magnetite–ilmenite.

The Wilson Lake granodiorite body (**Pgrd**), which intrudes amphibolite facies paragneiss (**Apm**) just west of the centre of the map area, includes pink to white megacrystic, porphyritic and aplitic variants. The core of the body is massive and megacrystic, whereas the borders exhibit gneissic polygonal granoblastic and/or augen textures. White to pink aplite intermixed with pegmatite-rich material dominates in the western and northwestern parts of the body, whereas peg-

matite veins and dykes are common throughout. The Wilson Lake granodiorite contains quartz, orthoclase, microcline, biotite, muscovite, chlorite and magnetite–ilmenite.

Several outcrops of foliated gabbro to quartz gabbro (**Pg**) occur within the orthogneiss near the eastern boundary of the map area. Age and affinity are unknown.

There are few instances of mineralization known in the survey area (although there are many in adjacent NTS map area 13E/07). Four occurrences of copper and one of pyrite are present and are classified in MODS as "indications".

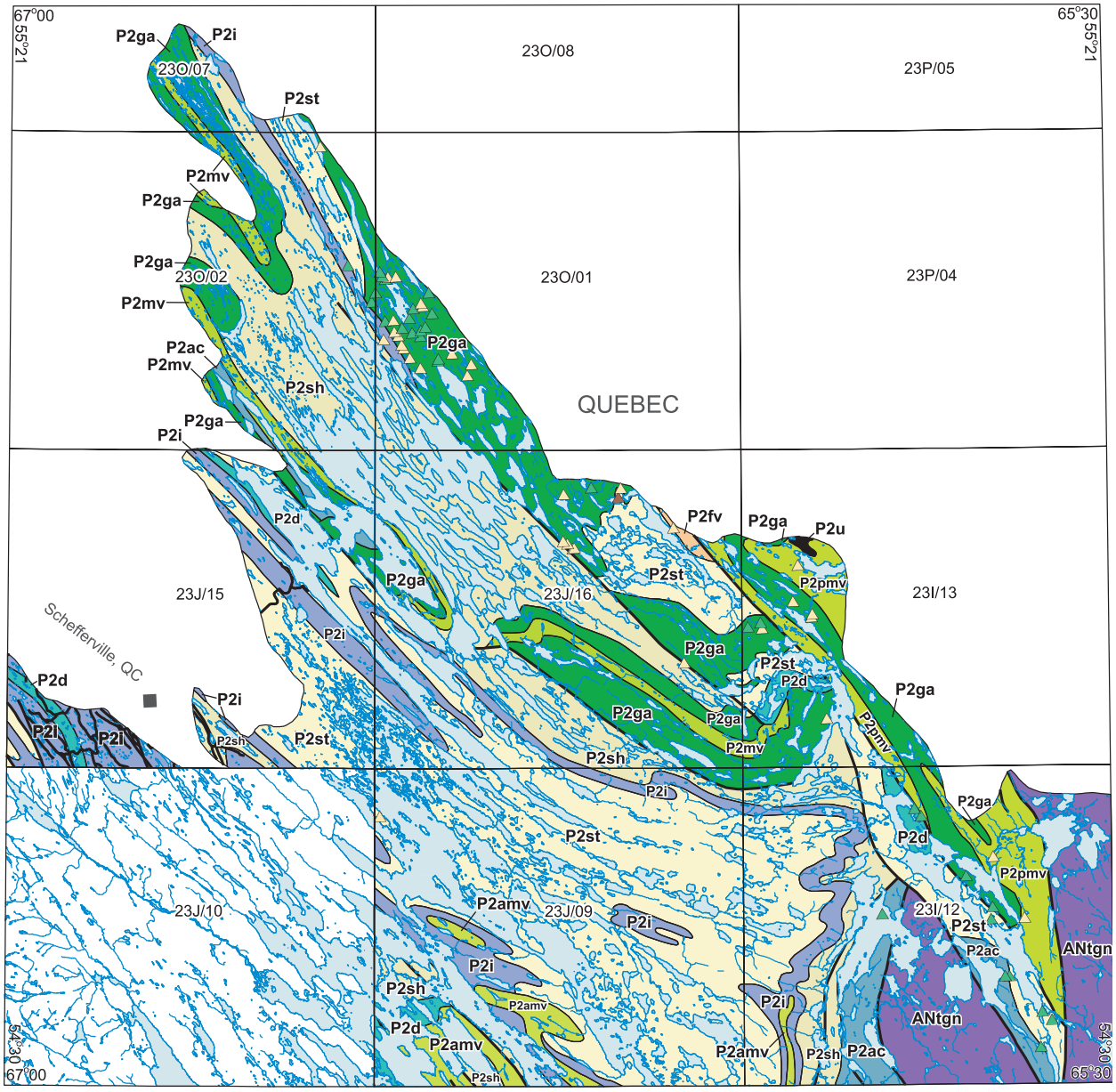
SCHEFFERVILLE AREA

The survey area lies within part of the southeastern Churchill Province. Except for a small region of Archean gneiss and tonalite in the extreme southeast, the area is underlain by mid-Paleoproterozoic sedimentary and volcanic rocks of the Labrador Trough, alternatively known as the New Quebec Orogen, formed during the collision of the core zone of the Southeast Churchill Province with the Superior craton (Wardle *et al.*, 2002). The sedimentary and volcanic rocks have been metamorphosed to greenschist facies. Intrusive into these are coeval mafic and ultramafic rocks. The stratified rocks are all part of the Kaniapiskau Supergroup. This area of the Trough is divided into the Howse zone to the northeast and the Schefferville zone to the southwest. The Howse zone is characterized predominantly by deep-water mafic volcanic rocks and the Schefferville zone by shallow-water volcano-sedimentary rocks (Swinden *et al.*, 1991).

The geology of the Schefferville survey area is shown in Figure 3. The following rock descriptions and unit designations are mostly from Wardle (1982a, b) and Wardle *et al.* (1997). There are twelve bedrock units recognized in the area, the oldest of which is Eastern Basement Metamorphic Complex (**ANtgn**), consisting of granodiorite–tonalite gneisses. Overlying this complex are the rocks of the Labrador Trough, comprising the Lower and Upper Knob Lake groups and the Doublet Group. The oldest unit in the Lower Knob Lake Group is the Seward Subgroup (**P2ac**) which, in the survey area consists primarily of red and grey arkosic sandstone, conglomerate and red shale. Overlying this is the Le Fer Formation (**P2sh**) consisting of grey shale, siltstone and greywacke of shallow- to deep-water origin. This, in turn, is overlain by the Bacchus Formation (**P2mv**), formerly considered a phase of the Le Fer Formation, consisting of pillow basalt and tuff. The youngest unit here in the Lower Knob Lake Group is the dolomitic Denault Formation (**P2d**).

The Upper Knob Lake Group overlies the Lower Knob Lake Group. The oldest units in this group are the Sokoman and Wishart formations (**P2i**). These consist of cherty ironstone and underlying quartzite. Overlying these are alkalic basalt flows, pyroclastic rocks and local peralkaline felsic volcanic rocks of the Nimish Formation (**P2amv**). The youngest member is the Menihek Formation (**P2st**) which consists of grey shale, siltstone and sandstone sequences of deep-water (turbidite) origin.

Overlying the Upper Knob Lake Group is the Doublet Group (**P2pmv**) consisting of pillow basalt, basaltic pyroclastic rocks and minor siltstone and greywacke. Intrusive into the sedimentary rocks of the Labrador Trough are the Wakuach Gabbro (**P2ga**), *ca.* 1884–1874 MA, and the



GEOLOGY

MID PALEOPROTEROZOIC

Stratified Rocks

Kaniapiskau Supergroup

	P2fv	Rhyolite, felsic pyroclastic rocks. Martin Lake rhyolite
Doublet Group	P2pmv	Pillow basalt, mafic pyroclastic rocks
Upper Knob Lake Group	P2st	Shale, siltstone, sandstone. Menihek Formation
	P2amv	Alkalic basalt, mafic pyroclastic rocks. Nimish Formation
	P2i	Ironstone, quartzite. Sokoman and Wishart formations
Lower Knob Lake Group	P2d	Dolomite. Denault Formation
	P2mv	Pillow basalt and tuff. Bacchus Formation
	P2sh	Grey shale, siltstone, greywacke. Le Fer Formation
Seward Subgroup	P2ac	Arkose, conglomerate

Intrusive Rocks

P2u	Retty peridotite
P2ga	Wakuach gabbro

NEOARCHEAN

Eastern Basement Metamorphic Complex	ANtgn	Metatonalite, tonalite gneiss

Mineralization

- Copper
- Zinc
- Pyrite
- Roads

0 5 10 km

Figure 3. *Geology of the Schefferville survey area.*

Retty Peridotite (**P2u**) consisting of ultramafic sills. The youngest rocks (**P2fv**) in the group are a unit of felsic volcanic rocks known as the Martin Lake rhyolite (Batterson and Liverman, 2000) which include rhyolite, ash-flow tuff and hypabyssal rhyolite intrusions.

There are many occurrences of non-ferrous metallic mineralization recorded in the survey area (Geological Survey of Newfoundland and Labrador, 2011). These include 36 instances of pyrite mineralization. Of these, 22 are classified as 'indications' and 14 as 'showings'. Twenty-one are associated with copper mineralization and several of these also have silver, zinc or lead associations. Most (27) occur in sediments of the Menihek Formation. Four others occur in the Doublet Group and three are in the Wakuach Gabbro.

There are 29 copper occurrences in the survey area. One of these, the Montgomery Lake deposit, is classified as a 'prospect' and is associated with gold mineralization. Seven others are showings and the remaining 21 are indications. One of the copper showings is also associated with gold, one with nickel and silver, and one with lead, zinc and silver. Most (23) of the occurrences are found in the Menihek Formation, 4 in the Wakuach Gabbro, one in the Denault Formation and one in the Seward Subgroup.

There are two zinc occurrences. One is a classified as a prospect and occurs as sphalerite mineralization in shales of the Menihek Formation. The second is an indication and is found with chalcopyrite in the Wakuach Gabbro.

To the north of the survey area in the Quebec portion of the Trough, principally within the Howse and Schefferville zones and their extensions, exploration companies are investigating Cu–Au–Ag, U–Au and U mineralization (Houle, 2009).

SURFICIAL GEOLOGY

The surficial geology in NTS map area 13E/1 in the Winokapau Lake area has been mapped at 1:50 000 scale (Ricketts, 1999). The entire Winokapau Lake survey area is included in the 1:1 000 000-scale surficial map (Klassen *et al.*, 1992). Most of the 13E/1 area is mapped as till veneer although there is considerable thicker lineated till-cover in the northeast of the map area and extensive glaciofluvial and colluvial deposits in the valleys of the Churchill River and its major tributaries. An area south of Winokapau Lake in the western part of the map area is mapped as concealed bedrock.

From the regional surficial map, most of NTS map areas 13E/2 and 13E/8 are mapped as undifferentiated till. The authors do not employ the term 'till veneer' used in the detailed mapping but in this area the two terms may denote similar material. An area mapped as 'drift poor' (*i.e.*, consisting of greater than 80% exposed bedrock, but with discontinuous areas of till and other surficial materials generally less than 1 m thick) is shown in the extreme north and northwest of NTS map area 13E/2. An area of about 40 km^2 in the west-central area is shown as ablation drift and an area of similar size in the south-central area is shown as 'drift poor'.

NTS map areas in the Schefferville area, 23J/9, 10, 15 and 16, have surficial maps at 1:50 000 scale (Liverman *et al.*, 1993a-h. All of the area has been mapped at 1:1 000 000 (Klassen *et al.*, 1992). The detailed map shows many more areas mapped as rock or concealed rock than does the reconnaissance map which show the same areas to be covered with undifferentiated till. Examination of aerial photographs and satellite imagery indicates that the bedrock is concealed by thin and discontinuous sediment or is exposed over much of the land area. Other units that have moderate extents include thick till, till veneer, lineated till and organics. Ice-flow indicators (Liverman *et al.*, 1993a-h) show two paleo directions of glacial movement – an early northerly one and a later northeasterly one.

SAMPLE COLLECTION

Samples of organic lake sediment were collected from 1004 sites and water samples were obtained from 1036 sites. Of these, 531 sediment samples and 541 water samples were collected in the Winokapau Lake area and 473 sediment samples and 495 water samples were collected in the Schefferville area. Additionally, approximately one site in 20 was sampled in duplicate; these duplicate samples were collected about 50 m apart. Generally, smaller lakes were sampled in this survey than was the case for the reconnaissance survey, in which the objective had been to obtain a more regional geochemical perspective. Normally, the centre of the lake (or if apparent from the air, the central basinal portion of the lake) was sampled. On some deep lakes (>25 m), no sample was retrieved in lake centres and a sample from a shallower site closer to shore was obtained. The collection procedure involves landing a float-equipped 206-B Jet Ranger helicopter on the lake surface and dropping a weighted tubular sampler fitted with a nylon rope for retrieval. A butterfly valve in the bottom of the tube opens upon impact with the sediment and closes upon retrieval, trapping the contained sediment. Samples are stored in water-resistant Kraft paper bags. Markings on the rope permit determination of the sample depth. Other observations made during sampling include GPS coordinates of the site, the nature of vegetation surrounding the lake, sediment colour, texture, composition and water colour.

Samples of lake water were collected before the sediment sampler was dropped to avoid water contamination. Samples were collected in purified, 125 mL Nalgene bottles. These were filled by immersing the bottles about 40 cm below the lake surface. Prior to sampling, the bottles were acid-leached in the laboratory, and washed with distilled and deionized water. Sampling of a typical site took about one minute between touchdown and takeoff.

SAMPLE PREPARATION AND ANALYSES

PREPARATION

Lake sediments were partially air-dried in the field prior to shipping to the departmental laboratory for final oven-drying at 40°C. The samples were then disaggregated using a mortar and pestle before being screened through a 180-micron stainless-steel sieve. The fine fraction was retained for chemical analyses. To monitor analytical precision, five percent of the samples were randomly selected, split and included as blind duplicates in all analytical procedures. Water samples were stored in a cool environment prior to shipping to St. John's. At the laboratory, waters were filtered using a 0.45 μm millipore filtration apparatus.

ANALYSES

Lake sediment was analyzed using four methods for 48 unique elements plus loss-on-ignition (LOI) as shown in Table 1. In addition, 12 of these elements were analyzed using a second method for a total of 60 separate determinations per sample. Some additional elements were analysed by INAA but were either below detection limit or were so unrepeatable as to be of no use. Elements which are analyzed using two methods, one of which gives preferable results for reasons of improved detection limit or precision, are distinguished by an asterisk. All analyses except INAA were performed in the geochemical laboratory of the Department of Natural Resources. The INAA analyses for samples were performed by Becquerel Laboratories. To enable the reader to readily distinguish the method of analysis for a given element, a suffix is attached to the element symbol when used in most tables and figures. The key to the suffixes is given in Table 1.

Lake water was analysed for conductivity, pH, SO_4 and 26 elements using the methods listed in Table 2. Uranium in water was analyzed by SGS Lakefield Research Limited using ICP-mass spectrometry. All other analyses were performed by the laboratory of the Department of Natural Resources.

Table 1. Analytical methods for lake-sediment samples

ELEMENTS and LOI	METHOD	METHOD SUFFIX	DIGESTION/ PREPARATION
As, Au, Ba, Br, (Ca), Ce, Co, Cr, Cs, Eu, Fe, Hf, La, Lu, Mo, Na, Nd, (Rb), Sb, Sc, Sm, Ta, Tb, Th, U, W, Yb, (Zr)	Instrumental Neutron Activation Analysis (INAA)	1	5 to 10 g in shrink-wrapped vial (total analysis)
Al, As, Ba, Be, Ca*, Cd, Ce, Co, Cr, Cu, Dy, Fe, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb*, Sc, Sr, Ti, V, Y, Zr*	Inductively Coupled Plasma-Emission Spectrometry (ICP-ES)[1]	2	Hf-$HClO_4$-HCl (total digestion)
Ag	Atomic Absorption Spectrometry (AA)[2]	6	HNO_3
F	Fluoride-ion specific electrode with digital ion analyzer[2]	9	2:1 Na_2CO_3:KNO_3 flux, fusion
Loss-on-ignition (LOI)	Gravimetric using muffle furnace raised to 500°C		

* Indicates preferable method of analysis
Brackets ( ) enclosing element name indicate less favoured method of analysis; use alternative method indicated by an asterick

[1] Finch, 1998; [2] Wagenbauer *et al.*, 1983

Table 2. Analytical methods for lake-water samples

ANALYSIS	METHOD	METHOD SUFFIX	PREPARATION
pH	Combination pH electrode		None
Conductivity	Conductivity sensor		None
Ca, Fe, K, Mg, Mn, Na, Si, SO_4	ICP-emission spectroscopy[1]	1	Filtration (0.45 µm) and HNO_3 acidification
Al, Ba, Be, Co, Cr, Cu, Li, Mo, Ni, P, Pb, Sr, Ti, V, Y, Zn	ICP-ultrasonic nebulizer[1]	2	Filtration (0.45 µm) and HNO_3 acidification
As	ICP-ultrasonic nebulizer[1]	2x	Filtration (0.45 µm) and HNO_3 acidification; $H\text{-}H_2O_2$
F	Fluoride-ion specific electrode with digital ion analyzer	9	Filtration (0.45 µm)
U,	ICP-mass spectrometry	3	Filtration (0.45 µm) and HNO_3 acidification

[1] Finch, 1998

Analytical and field data are provided in Appendix 1 for Winokapau Lake area and Appendix 2 for the Schefferville area.

DATA QUALITY

To ensure the reliability of the analytical data, three means of determining data accuracy and/or precision were employed. First, during sample collection, pairs of sediment samples and pairs of water samples were obtained from lakes. Analyses of these site duplicates give an appreciation of within-lake data variation. Site-duplicate sediment samples were retrieved and analyzed from 43 lakes and water duplicates were obtained from 45 lakes. The duplicate samples were taken about 50 m apart. Second, at the analytical stage, a standard of known composition was inserted within every batch of 20 samples. For sediment, four international reference standards composed of lake sediment material were used: LKSD-1, LKSD-2, LKSD-3 and LKSD-4. For water, standards used consisted both of naturally occurring water and synthetic standards created in the laboratory to predetermined compositions. The results of these standards were monitored to ensure analytical accuracy and precision. Third, a sample split to produce a laboratory duplicate, was included in every batch of 20 samples. These duplicates were compared to ensure adequate precision.

Site duplicates are useful because they give an appreciation of overall data variance occurring at both the sampling and analytical stages. As they consist of samples from the survey itself, they

may reveal limitations in the data that are specific to the region and which may not show up in the reference standards. Scatter plots of 60 variables for sediment analyses along with the Spearman correlation coefficient (r) are shown in Figures 4, 5 and 6. The higher the absolute value of r, the better the correlation with ±1.00 representing a perfect correlation. A comparison of coefficients for the same element by different methods is a useful way to select the more reliable method. Of the 12 elements analyzed by both ICP and INAA, most have similar coefficients. ICP analyses are preferable for two elements, Cr and Zr. For Cr2, r is 0.92 whereas for Cr1, r is 0.80. The corresponding figures for Zr2 and Zr1 are 0.95 and 0.34 respectively.

Scatter plots of 29 variables from site duplicates in water are shown in Figures 7 and 8. In general, except for variables with several samples near the detection limit, the correlations are stronger between water duplicates than between sediment duplicates. This is not surprising because water is a more homogeneous medium than sediment and, unlike sediment, is not prone to compositional modifications within a lake due to variations in depth, LOI, Fe/Mn oxide scavenging and bottom currents. Many elements have very strong correlations (r>0.9). Analyses of Be, Co, Mo, and Pb appear to be of little use in this survey, particularly for values near the detection limits.

DESCRIPTION AND DISCUSSION OF RESULTS

STATISTICAL ANALYSIS

Summary Statistics

To quantify the range and distribution characteristics of the element populations, summary statistics have been calculated for the sediment and water data. Analyses of the second sample of site duplicate pairs are excluded. Because of the strongly contrasting nature of the geology and geochemistry between the two survey areas, separate statistical tables are provided for each area. Statistics tabulated comprise the median, arithmetic mean, geometric mean, arithmetic standard deviation, logarithmic standard deviation, minimum and maximum. The geometric mean is included because the distributions of most element populations are more log-normal than normal. Statistics for sediment and water data for the Winokapau Lake area are presented in Tables 3 and 4, while the corresponding statistics for the Schefferville area are presented in Tables 5 and 6.

Histograms and Cumulative Frequency Curves

Histograms of the lake sediment and water variables are included in the symbol plot maps showing the distributions of those variables. These figures show the shape of the population distributions and may be useful when interpreting the distribution maps of these variables. Bars are coloured using the same colours as the dot symbols in the symbol maps so that the reader can see the portion of the population distribution that corresponds to each symbol. Cumulative frequency curves are also incorporated into these maps. The curves show the percentage of data accounted for by the progressive range of variable values. Inflections and breaks in the curve show changes in the distribution of the underlying population.

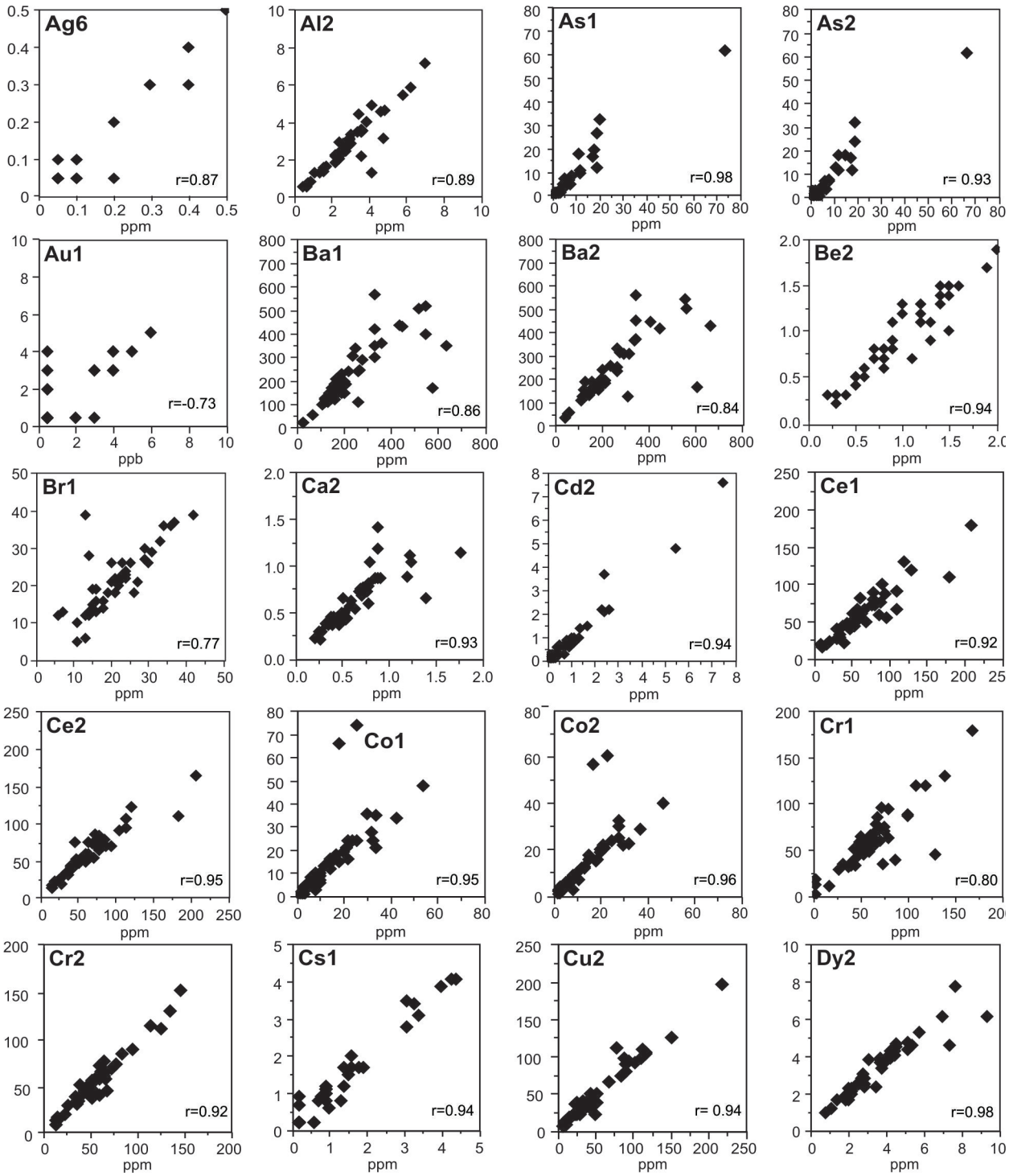


Figure 4. *Scatter plots of Ag6, Al2, As1, As2, Au1, Ba1, Ba2, Be2, Br1, Ca2, Cd2, Ce1, Ce2, Co1, Co2, Cr1, Cr2, Cs1, Cu2 and Dy2 in site duplicates of lake sediment.*

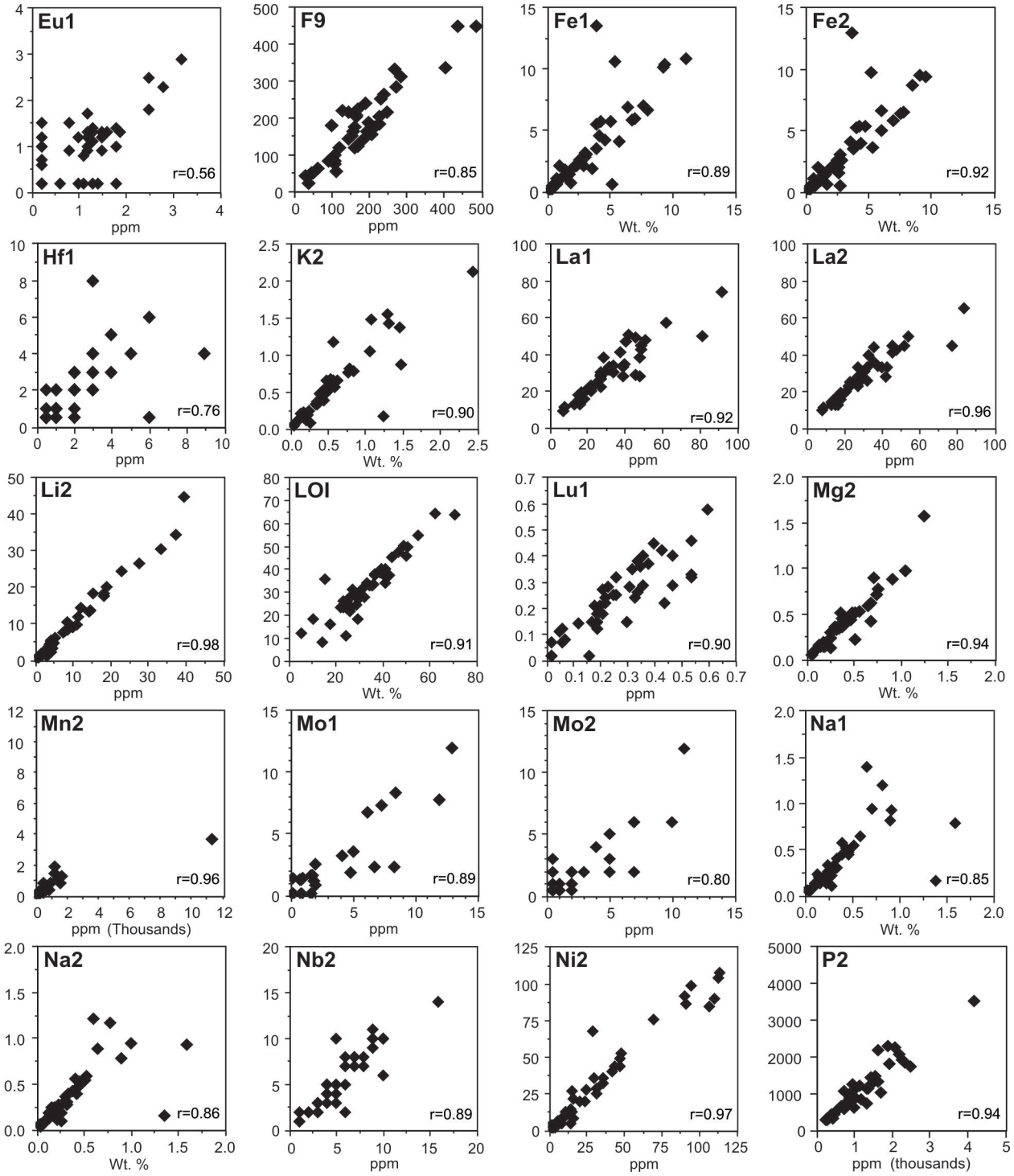


Figure 5. *Scatter plots of Eu1, F9, Fe1, Fe2, Hf1, K2, La1, La2, Li2, LOI, Lu1, Mg2, Mn2, Mo1, Mo2, Na1, Na2, Nb2, Ni2 and P2 in site duplicates of lake sediment.*

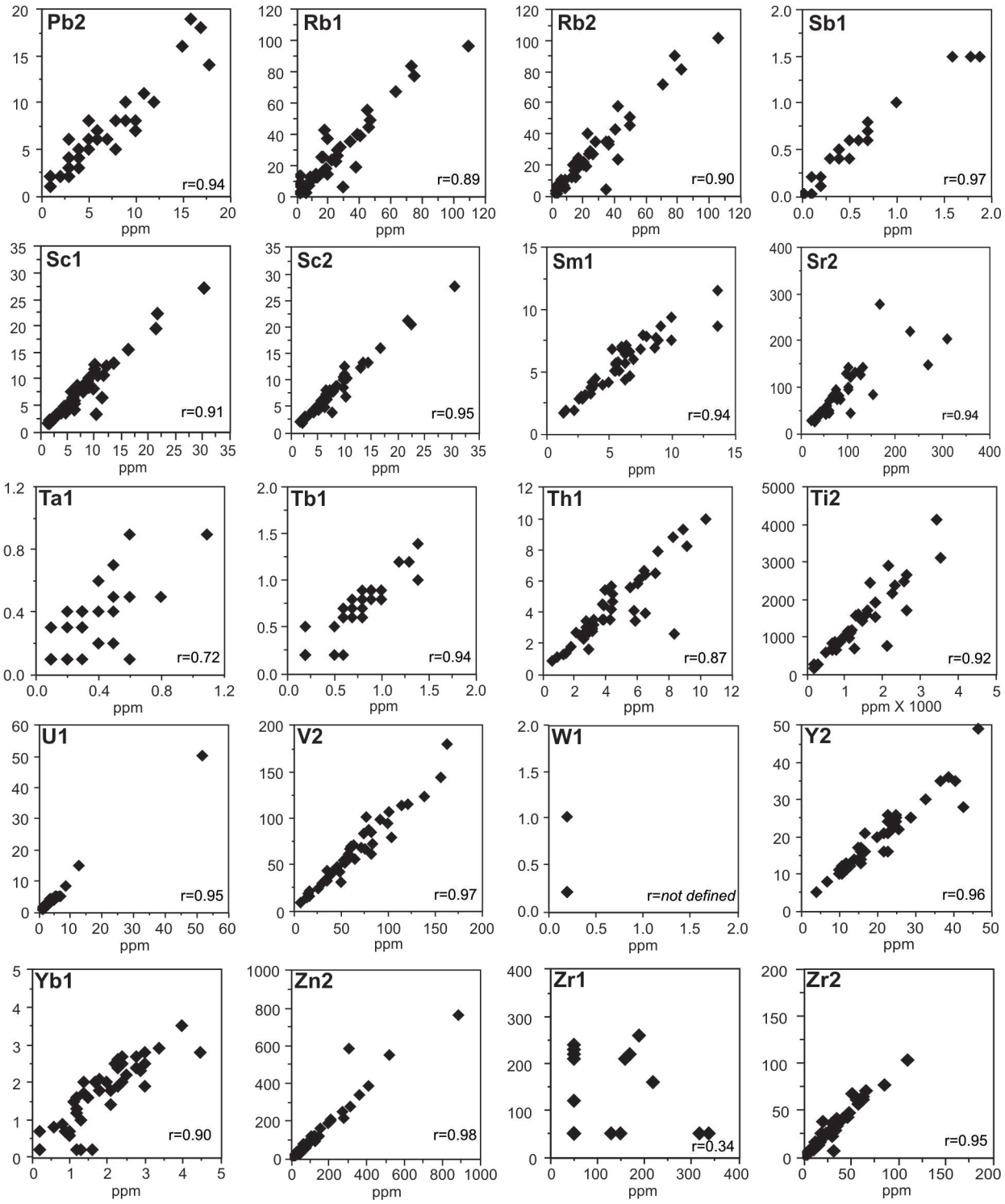


Figure 6. *Scatter plots of Pb2, Rb1, Rb2, Sb1, Sc1, Sc2, Sm1, Sr2, Ta1, Tb1, Th1, Ti2, U1, V2, W1, Y2, Yb1, Zn2, Zr1 and Zr2 in site duplicates of lake sediment.*

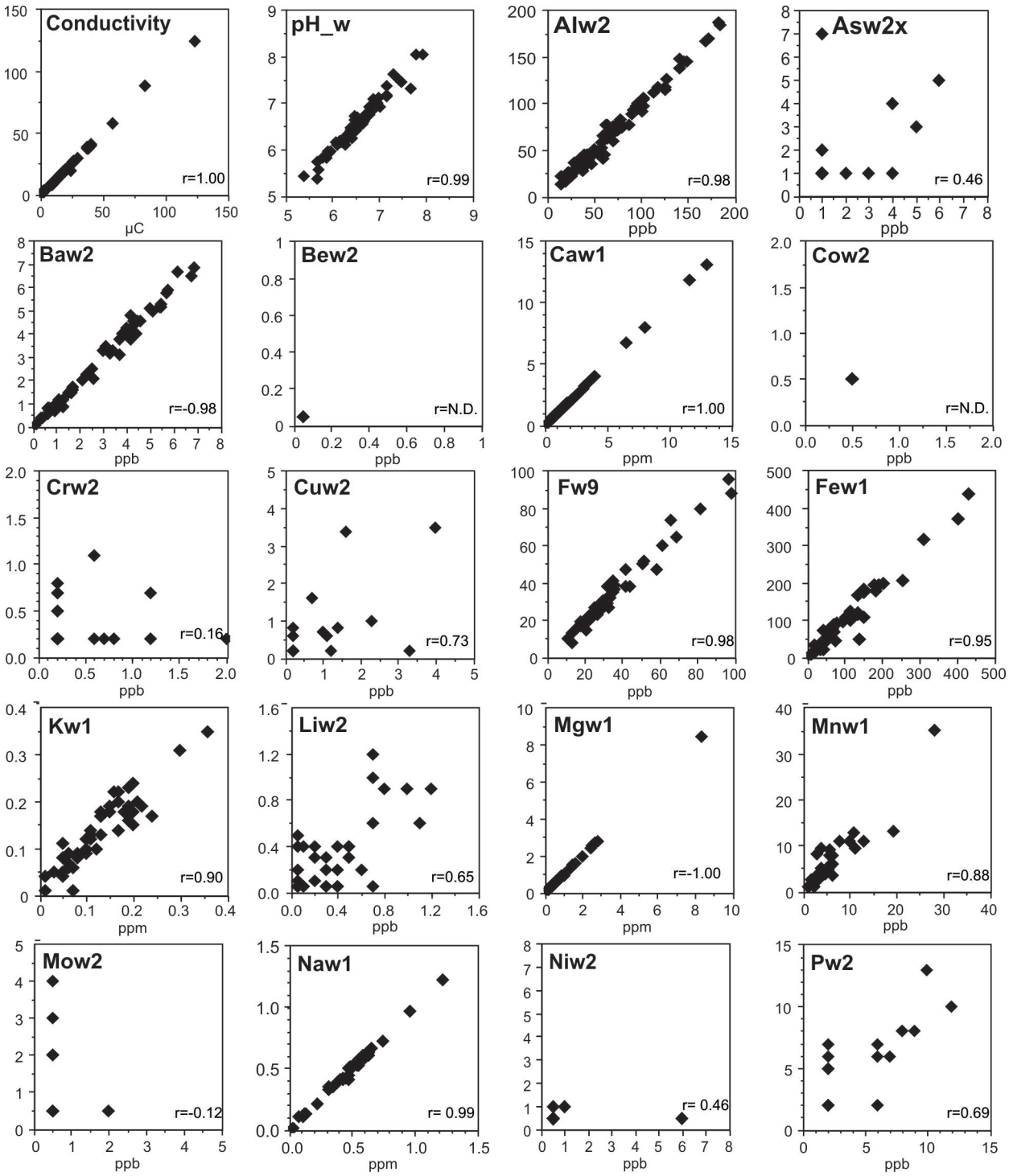


Figure 7. *Scatter plots of conductivity, pH, A1, As, Ba, Be, Ca, Co, Cr, Cu, F, Fe, K, Li, Mg, Mn, Mo, Na, Ni, and P in site duplicates of lake water.*

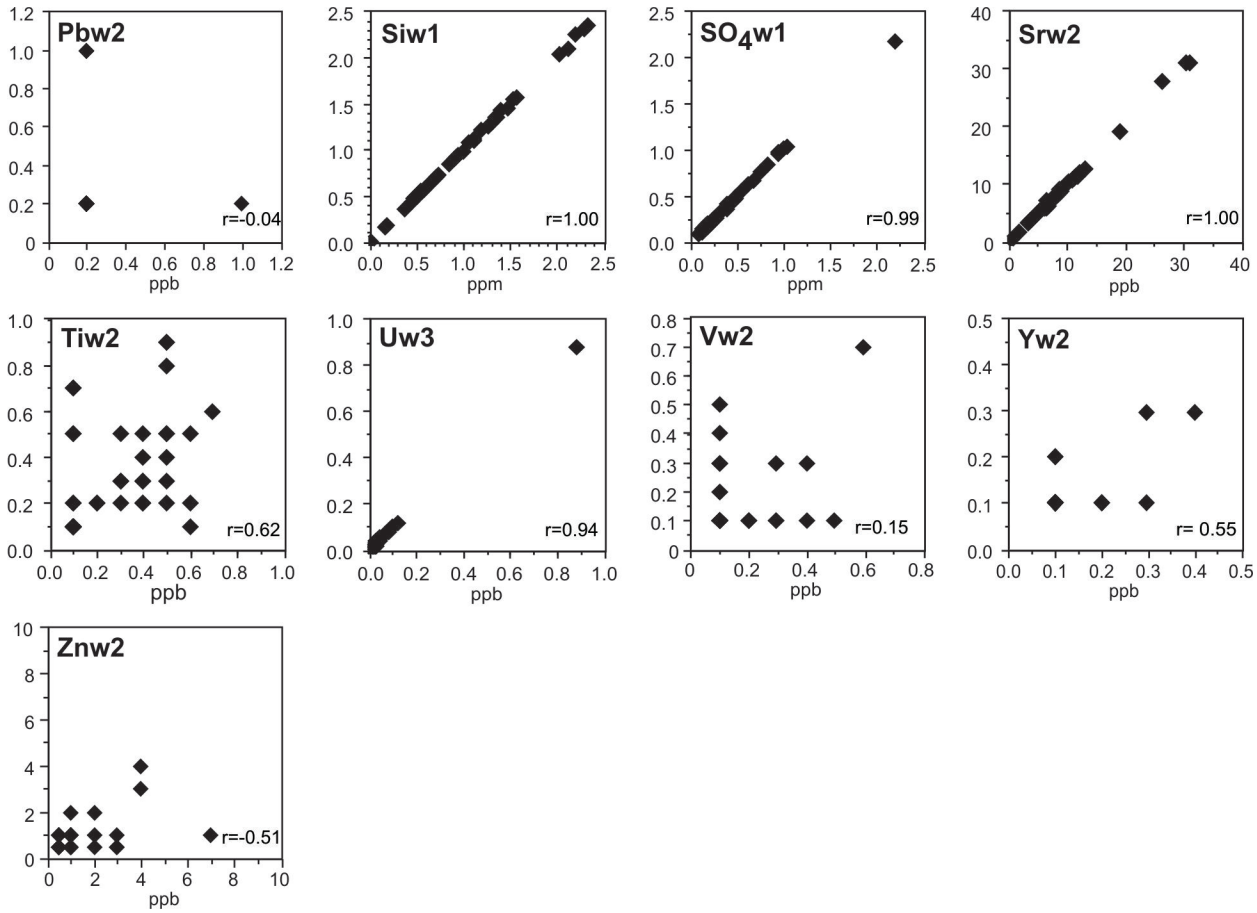


Figure 8. *Scatter plots of Pb, Si, SO_4, Sr, Ti, U, V, Y and Zn in site duplicates of lake water.*

Correlation Analysis of Sediment and Water Data in Winokapau Lake Area

Tables 7, 8 and 9 consist of matrices of Spearman correlation coefficients of some elements and variables in the Winokapau Lake area. The latter were selected from the larger analytical suite for economic interest, or to provide environmentally relevant information about the sample.

Table 7 lists the correlations coefficients of the sediment analyses. Many have high values but to emphasize the highest ones, coefficients ≥0.85 are highlighted in red. From inspection of the results of the reconnaissance survey, uranium and zinc were two elements of economic interest. No variables are strongly correlated with uranium. The only ore metals with moderately strong correlations with zinc are Ni2 (r=0.80) and Co2 (r=0.81). However, since all three also share moderate to strong correlations with iron (Fe2), the significance of the ore-metal correlations may be slight.

Table 8 includes water data from this area. In Table 8, correlation coefficients among the water variables are generally of lower value than among the sediment data. To emphasize the highest ones, coefficients ≥0.60 are highlighted in red. Neither uranium nor zinc has strong correlations with other variables.

Table 3. Summary statistics for lake-sediment data in the Winokapau Lake area; analytical values in ppm unless otherwise indicated (N=531)

Analysis	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Ag6	<0.1	0.06	0.05	0.12	0.11	0.05	2.7
Al2, wt. %	2.41	2.61	2.19	1.43	0.28	0.09	6.34
As1	<0.5	0.3	0.2	0.24	0.21	0.2	2
As2	<2	1.4	1.2	0.82	0.18	1	5
Au1, ppb	<1	0.6	0.5	0.61	0.14	0.5	9
Ba1	260	321	262	206.17	0.28	25	940
Ba2	278	336	278	207.31	0.27	11	933
Be2	0.8	0.8	0.7	0.45	0.27	0.1	3.2
Br1	17.0	17	15	8.18	0.24	2	51
Ca2, wt. %	0.71	0.8	0.7	0.47	0.26	0.03	2.53
Cd2	0.40	0.19	0.14	0.16	0.36	0.05	1.5
Ce1	56.0	76.1	64.1	44.65	0.27	2	369
Ce2	51	69	59	40.47	0.26	1	342
Co1	10	9	6	12.66	0.38	1	170
Co2	10	9	7	10.43	0.33	1	128
Cr1	57	58	44	37.27	0.39	2	300
Cr2	50	46	41	21.90	0.22	3	158
Cs1	<0.5	0	0	0.37	0.30	0.2	2.4
Cu2	20	28.9	20.0	53.43	0.34	1	1068
Dy2	3	3	3	4.07	0.24	0.1	90.1
Eu1	1.0	0.9	0.7	0.70	0.41	0.2	3.5
F9	136.0	144.8	123.9	76.01	0.26	22	419
Fe1, wt.%	2	3	2	3	0.39	0.1	28.9
Fe2, wt.%	1.74	2.23	1.57	2.23	0.38	0.07	24.64
Hf1	2.00	3.42	2.01	3.33	0.47	0.5	19
K2, wt. %	0.36	0.6	0.4	0.52	0.45	0.02	2.16
La1	32.00	34.96	29.83	20.49	0.25	5	190
La2	29	32	27	18.03	0.24	1	179
Li2	3	4	3	2.41	0.32	0.2	15.2
LOI, wt.%	32.3	33.2	29.1	14.92	0.25	2.4	89.1
Lu1	0.2	0.2	0.2	0.15	0.38	0.02	1.1
Mg2, wt.%	0.56	0.34	0.26	0.24	0.33	0.01	1.51
Mn2	384	403	211	1950.46	0.41	10	43927
Mo1	1.6	0.5	0.3	0.93	0.33	0.2	10
Mo2	2	0.65	0.56	0.68	0.17	0.5	9
Na1, wt.%	0.36	0.56	0.34	0.53	0.49	0.02	2.1
Na2, wt.%	0	0.6	0.3	0.53	0.47	0.02	2.28
Nb2	5	5	4	2.93	0.29	1	20
Ni2	9	12	8	10.36	0.38	1	101
P2	752	976	818	615.81	0.26	47	4492
Pb2	4	5	4	4.09	0.34	1	25
Rb1	12	17	11	14.72	0.46	2	68
Rb2	13	18	12	15.61	0.45	1	72
Sb1	<0.1	0.03	0.02	0.03	0.19	0.02	0.2
Sc1	5.4	6.0	5.1	3.36	0.26	0.7	26
Sc2	5.7	6.1	5.3	2.88	0.23	0.3	15.1
Se1	<1	0.5	0.5	0.00	0.00	0.5	0.5
Sm1	5.4	5.7	5.0	2.81	0.24	0.4	19.2
Sr2	113	142	113	96.73	0.30	4	427
Ta1	0.2	0.3	0.2	0.23	0.33	0.1	1.3
Tb1	0.6	0.6	0.5	0.36	0.31	0.2	2.4

Table 3. Continued

Analysis	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Th1	3.8	4.6	3.7	3.08	0.30	0.4	17.6
Ti2	1206	1376	1096	887	0.32	61	6082
U1	2.0	6.5	2.6	15.86	0.49	0.1	163
V2	44.00	48.45	41.43	28.75	0.25	3	376
W1	<1	0	0	0.12	0.11	0.2	1
Y2	16	16.7	14.8	8.81	0.22	1	101
Yb1	2	2	1	1.01	0.34	0.2	9.2
Zn2	46	48.1	41.9	24.01	0.24	2	143
Zr1	<100	127	87	121.25	0.35	50	600
Zr2	15	19.05	13.68	14.74	0.38	1	81
Lake area (km^2)	0.05	0.11	0.05	0.17	0.52	-0.01	1.6
Lake depth (m)	4.00	4.22	3.12	3.23	0.35	0.3	22

Table 4. Summary statistics for lake-water data in the Winokapau Lake area; analytical values in ppb unless otherwise indicated (N=541 except N=463 for Asw2x)

Element/ Variable	Detection Limit	Percentage of samples <D.L.	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Al	1	0	98	108	91	56.29	0.31	1	323
As	2	90	<2	<2	<2	0.65	0.14	1	5
Ba	0.1	0	4.1	4.4	4.0	1.93	0.22	0.1	24.9
Be	0.1	100	<0.1	<0.1	<0.1	0.00	0.00	0.05	0.05
Ca, ppm	N.A.	0	0.88	1.00	0.89	0.63	0.19	0.22	9.67
Cd	1	100	<1	<1	<1	0.00	0.00	0.5	0.5
Co	1	100	<1	<2	<2	0.00	0.00	0.5	0.5
Cr	0.5	88	<0.5	<0.5	<0.5	0.24	0.21	0.2	2.1
Cu	0.5	86	<0.5	<0.5	<0.5	0.66	0.28	0.2	9.7
F	1	0	31	37	33	18.8	0.20	12	114
Fe	10	1	139	165	126	119	0.35	5	900
K, ppm	0.01	0	0.14	0.15	0.12	0.08	0.30	0.01	0.74
Li	0.1	54	<0.1	0.2	0.1	0.25	0.46	0.05	1.4
Mg, ppm	0.01	0	0.39	0.41	0.38	0.19	0.18	0.08	1.77
Mn	0.5	0	3.4	3.7	3.2	2.0	0.24	1	15
Mo	1	93	<1	<1	<1	0.36	0.14	0.5	2
Na, ppm	0.02	0	0.56	0.55	0.53	0.14	0.12	0.15	1.13
Ni	1	95	<1	<1	<1	3.39	0.19	0.5	71
P	5	91	<5	<5	<5	1.7	0.16	2	15
Pb	1	97	<1	<1	<1	1.21	0.15	0.2	28
Si, ppm	0.01	0	0.96	0.91	0.69	0.58	0.38	0.03	3.81
SO4, ppm	0.01	0	0.18	0.19	0.18	0.06	0.13	0.08	0.5
Sr	1	1	7.3	7.5	6.9	2.85	0.20	0.5	27
Ti	0.1	12	0.3	0.4	0.3	0.28	0.38	0.05	1.7
U	0.005	14	0.025	0	0	0.22	0.57	0.005	2.2
V	0.2	83	<0.2	<0.2	<0.2	0.10	0.19	0.1	0.8
Y	0.1	82	<0.1	0	<0.1	0.06	0.21	0.05	0.5
Zn	1	56	<1	<1	<1	0.63	0.22	0.5	6
Conductivity, µS	N.A.	0	10	11	10.2	3.90	0.12	5	58
pH	N.A.	0	6.28	6.24	N.A.	0.42	N.A.	4.91	7.78

* N.A. not applicable; ** pH is defined as a logarithmic value

Table 5. Summary statistics for lake-sediment data in the Schefferville area; analytical values in ppm unless otherwise indicated (N=473)

Analysis	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Ag6	0.2	0.28	0.16	0.36	0.44	0.05	3.6
Al2, wt. %	3.20	3.33	2.84	1.60	0.28	0.15	8.55
As1	7.7	11.8	7.6	13.45	0.43	0.2	127
As2	8	11.5	8.2	11.56	0.37	1	107
Au1, ppb	2	2.2	1.5	1.97	0.40	0.5	26
Ba1	210	236	188	139.62	0.33	25	620
Ba2	219	244	201	136.65	0.30	16	614
Be2	1.0	1.1	0.9	0.63	0.28	0.1	5.6
Br1	18.0	20	17	12.06	0.26	1	129
Ca2, wt. %	0.56	0.6	0.5	0.31	0.24	0.03	2.26
Cd2	1.00	1.47	1.05	2.39	0.30	0.2	34.8
Ce1	50.0	50.3	43.6	23.92	0.27	2	200
Ce2	46	47	40	23.16	0.30	1	189
Co1	15	19	14	20.53	0.35	1	240
Co2	15	18	14	16.14	0.31	1	181
Cr1	62	69	52	41.97	0.41	2	340
Cr2	61	66	55	36.67	0.29	4	260
Cs1	2	2	2	1.31	0.34	0.2	7
Cu2	62	73.4	60.0	52.09	0.28	7	401
Dy2	3	3	3	2.34	0.28	0.1	27.6
Eu1	1.1	1.1	0.8	0.68	0.37	0.2	4.8
F9	218.0	229.1	200.8	113.48	0.24	21	884
Fe1, wt.%	4	5	4	4	0.31	0.4	43.5
Fe2, wt.%	3.60	4.56	3.55	3.93	0.31	0.35	36.5
Hf1	2.00	2.14	1.71	1.27	0.32	0.5	6
K2, wt. %	0.72	0.8	0.6	0.54	0.40	0.02	2.88
La1	26.00	27.99	23.79	16.87	0.27	1	199
La2	22	25	21	16.02	0.27	1	204
Li2	15	17	13	10.21	0.38	0.4	54.4
LOI, wt.%	30.5	33.3	28.8	17.93	0.25	2.8	96.2
Lu1	0.2	0.3	0.2	0.12	0.28	0.02	0.76
Mg2, wt.%	0.56	0.59	0.49	0.33	0.30	0.04	1.9
Mn2	383	852	407	2793.22	0.40	46	34626
Mo1	1.6	2.7	1.3	3.27	0.58	0.2	22
Mo2	2	2.55	1.68	2.61	0.40	0.5	17
Na1, wt.%	0.33	0.42	0.29	0.33	0.44	0.02	2.1
Na2, wt.%	0	0.4	0.3	0.31	0.42	0.01	2.03
Nb2	6	7	6	4.06	0.28	1	41
Ni2	42	52	39	47.55	0.34	2	621
P2	729	854	730	537.57	0.24	213	4178
Pb2	6	7	6	4.73	0.26	1	48
Rb1	35	39	29	25.39	0.40	2	130
Rb2	37	41	30	26.53	0.43	1	134
Sb1	<0.1	0.55	0.42	0.40	0.38	0.02	2.9
Sc1	10.0	10.7	8.9	5.77	0.30	0.3	31.6
Sc2	10.3	10.8	9.2	5.64	0.28	0.4	30.8
Se1	<1	0.6	0.5	0.87	0.16	0.5	12
Sm1	4.8	5.0	4.4	2.49	0.25	0.2	29.6
Sr2	51	58	49	33.64	0.26	8	313
Ta1	0.3	0.4	0.3	0.27	0.33	0.1	2.8
Tb1	0.6	0.6	0.5	0.32	0.27	0.2	2.5

Table 5. Continued

Analysis	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Th1	4.6	4.9	4.1	2.46	0.29	0.2	13.7
Ti2	1501	1631	1246	1003	0.38	26	5265
U1	2.4	3.0	2.4	2.29	0.31	0.1	17.5
V2	72.00	75.45	60.20	42.48	0.35	1	260
W1	<1	0	0	0.26	0.20	0.2	2
Y2	19	19.9	17.8	9.12	0.23	1	103
Yb1	2	2	1	0.77	0.30	0.2	4.8
Zn2	157	208.1	159.3	228.05	0.30	13	3031
Zr1	<100	77	64	62.48	0.23	50	370
Zr2	46	48.10	41.12	23.50	0.28	2	184
Lake area (km^2)	0.08	0.25	0.09	0.44	0.60	0.001	3.87
Lake depth (m)	3.00	3.84	2.80	3.51	0.34	0.5	22

Table 6. Summary statistics for lake-water data in the Schefferville area; analytical values in ppb unless otherwise indicated (N=496)

Element/ Variable	Detection Limit	Percentage of samples <D.L.	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Al	1	0	98	52	42	35.65	0.28	2	296
As	2	81	<2	<2	<2	1.02	0.20	1	9
Ba	0.1	0	4.1	1.4	1.1	1.20	0.28	0.1	10.5
Be	0.1	99.6	<0.1	<0.1	<0.1	0.00	0.02	0.05	0.1
Ca, ppm	N.A.	0	0.88	2.76	1.99	2.28	0.39	0.13	15.53
Cd	1	100	<1	<1	<1	0.00	0.00	0.5	0.5
Co	1	99.8	<1	<2	<2	0.02	0.01	0.5	1
Cr	0.5	86	<0.5	<0.5	<0.5	0.85	0.29	0.2	9.8
Cu	0.5	64	<0.5	0.74	<0.5	0.97	0.44	0.2	8.5
F	1	0	31	32	25	22.3	0.34	1	124
Fe	10	3	139	176	105	180	0.49	5	1251
K, ppm	0.01	0	0.14	0.11	0.08	0.10	0.40	0.01	0.79
Li	0.1	33	0.3	0.4	0.2	0.45	0.52	0.05	3.3
Mg, ppm	0.01	0	0.39	1.46	1.07	1.28	0.36	0.04	10.82
Mn	0.5	0	3.4	15.9	9.6	25.3	0.41	1	304
Mo	1	91	<1	<1	<1	0.54	0.19	0.5	3
Na, ppm	0.02	6	0.56	0.43	0.30	0.26	0.49	0.01	1.33
Ni	1	77	<1	<1	<1	1.41	0.26	0.5	18
P	5	45	<5	<5	<5	3.8	0.30	2	38
Pb	1	97	<1	<1	<1	0.21	0.13	0.2	3
Si, ppm	0.01	0	0.96	0.80	0.53	0.64	0.47	0.01	4.64
SO4, ppm	0.01	0	0.18	0.71	0.44	1.00	0.40	0.04	11.08
Sr	1	0	7.3	9.1	6.2	12.94	0.40	0.4	258
Ti	0.1	41	0.3	0.2	0.1	0.23	0.41	0.05	2
U	0.005	N.Anal.	N.Anal.	N.Anal.	N.Anal.	N.Anal.	N.Anal.	N.Anal.	N.Anal.
V	0.2	78	<0.2	0	<0.2	0.12	0.22	0.1	1.2
Y	0.1	79	<0.1	0	<0.1	0.12	0.23	0.05	1.6
Zn	1	56	<1	1.9	1.3	2.60	0.34	0.5	29
Conductivity, µS	N.A.	0	22	27	21.5	20.00	0.29	3	156
pH	N.A.	0	6.99	6.84	N.A.	0.67	N.A.	4.32	8.27

* N.A. - not applicable; ** pH is defined as a logarithmic value; *** N.Anal. - not analyzed

Table 7. Spearman correlation coefficients (r) for selected elements and variables in lake sediment in the Winokapau Lake area (N=531)

	Al2	As2	Au1	Ca2	Co2	Cr1	Cs1	Cu2	Dy2	F9	Fe2	K2	La1	LOI	Mg2	Mn2	Mo2	Nb2	Ni2	Sb1	Sm1	Th1	Ti2	U1	Y2	Zn2	Zr2	depth _m	area _km2
Ag6	-0.05	0.05	0.05	-0.10	0.01	-0.00	-0.11	0.14	0.08	-0.04	0.05	-0.12	0.08	0.11	-0.09	-0.00	-0.05	0.03	0.04	-0.03	0.06	-0.02	-0.09	0.06	0.03	0.03	-0.08	0.11	-0.04
Al2	**1.00**	0.35	0.01	0.87	0.84	0.84	0.65	0.04	0.73	0.82	0.73	0.88	0.81	-0.53	0.90	0.91	-0.03	0.90	0.75	0.31	0.81	0.91	0.91	0.12	0.73	0.62	0.88	0.16	0.27
As2	0.35	**1.00**	0.10	0.31	0.31	0.32	0.27	0.20	0.42	0.36	0.28	0.25	0.41	-0.10	0.27	0.30	0.04	0.33	0.29	0.17	0.41	0.36	0.29	0.22	0.41	0.28	0.27	0.14	0.09
Au1	0.01	0.10	**1.00**	0.00	0.01	0.02	0.07	0.08	0.05	0.03	-0.01	-0.01	0.03	-0.01	-0.00	0.01	-0.04	0.01	-0.02	0.08	0.04	0.01	-0.00	0.07	0.06	0.01	0.01	0.06	-0.00
Ba2	0.89	0.31	0.00	0.83	0.70	0.73	0.68	-0.15	0.54	0.72	0.61	0.91	0.64	-0.57	0.90	0.82	-0.06	0.84	0.68	0.30	0.65	0.85	0.92	0.01	0.54	0.44	0.91	-0.03	0.16
Be2	0.86	0.39	0.05	0.68	0.76	0.76	0.55	0.32	0.87	0.75	0.70	0.63	0.86	-0.32	0.67	0.79	-0.04	0.78	0.66	0.22	0.86	0.80	0.69	0.36	0.86	0.64	0.67	0.35	0.25
Br1	-0.30	-0.01	0.01	-0.34	-0.18	-0.13	-0.42	0.65	0.10	-0.19	-0.04	-0.56	0.01	0.74	-0.48	-0.27	0.07	-0.28	-0.13	-0.30	-0.02	-0.33	-0.44	0.19	0.08	0.12	-0.53	0.59	0.06
Ca2	0.87	0.31	0.00	**1.00**	0.75	0.69	0.55	-0.05	0.59	0.79	0.62	0.82	0.68	-0.48	0.86	0.80	0.08	0.77	0.66	0.32	0.66	0.78	0.85	0.06	0.60	0.52	0.80	0.11	0.20
Cd2	-0.25	-0.01	0.01	-0.29	0.05	-0.09	-0.41	0.53	0.20	-0.15	0.16	-0.49	0.05	0.58	-0.38	-0.13	0.17	-0.15	0.08	-0.19	0.01	-0.28	-0.42	0.17	0.17	0.37	-0.45	0.42	0.10
Ce2	0.72	0.42	0.05	0.60	0.70	0.65	0.38	0.52	0.93	0.66	0.67	0.46	0.92	-0.12	0.53	0.67	0.05	0.67	0.63	0.20	0.90	0.73	0.56	0.36	0.91	0.68	0.51	0.44	0.31
Co2	0.84	0.31	0.01	0.75	**1.00**	0.77	0.48	0.08	0.72	0.72	0.86	0.71	0.75	-0.41	0.79	0.92	0.09	0.86	0.87	0.23	0.74	0.77	0.72	0.10	0.72	0.81	0.74	0.20	0.36
Cr1	0.84	0.32	0.02	0.69	0.77	**1.00**	0.52	0.11	0.67	0.74	0.68	0.71	0.77	-0.39	0.79	0.79	-0.06	0.78	0.77	0.15	0.77	0.82	0.76	0.20	0.67	0.61	0.73	0.21	0.27
Cs1	0.65	0.27	0.07	0.55	0.48	0.52	**1.00**	-0.07	0.37	0.61	0.37	0.72	0.49	-0.54	0.70	0.58	-0.07	0.64	0.40	0.26	0.48	0.69	0.72	0.21	0.37	0.25	0.71	-0.02	0.06
Cu2	0.04	0.20	0.08	-0.05	0.08	0.11	-0.07	**1.00**	0.45	0.13	0.11	-0.25	0.36	0.46	-0.18	0.00	0.05	0.00	0.07	-0.14	0.33	0.05	-0.14	0.52	0.41	0.29	-0.21	0.64	0.04
Dy2	0.73	0.42	0.05	0.59	0.72	0.67	0.37	0.45	**1.00**	0.64	0.71	0.47	0.89	-0.17	0.54	0.69	0.04	0.71	0.68	0.23	0.90	0.71	0.55	0.35	0.98	0.70	0.53	0.40	0.33
F9	0.82	0.36	0.03	0.79	0.72	0.74	0.61	0.13	0.64	**1.00**	0.65	0.73	0.73	-0.43	0.79	0.76	-0.03	0.76	0.65	0.20	0.72	0.79	0.76	0.24	0.64	0.58	0.73	0.21	0.23
Fe2	0.73	0.28	-0.01	0.62	0.86	0.68	0.37	0.11	0.71	0.65	**1.00**	0.58	0.69	-0.30	0.66	0.82	0.05	0.84	0.87	0.19	0.67	0.65	0.62	0.07	0.70	0.81	0.63	0.25	0.37
Hf1	0.85	0.25	-0.00	0.80	0.67	0.70	0.70	-0.27	0.45	0.70	0.55	0.96	0.59	-0.70	0.93	0.80	-0.08	0.81	0.61	0.31	0.61	0.86	0.93	-0.03	0.46	0.37	0.96	-0.11	0.23
K2	0.88	0.25	-0.01	0.82	0.71	0.71	0.72	-0.25	0.47	0.73	0.58	**1.00**	0.59	-0.72	0.97	0.83	-0.07	0.85	0.64	0.32	0.60	0.86	0.95	-0.02	0.49	0.41	0.98	-0.09	0.25
La1	0.81	0.41	0.03	0.68	0.75	0.77	0.49	0.36	0.89	0.73	0.69	0.59	**1.00**	-0.26	0.65	0.76	-0.01	0.75	0.67	0.22	0.97	0.86	0.67	0.34	0.87	0.65	0.64	0.33	0.28
LOI	-0.53	-0.10	-0.01	-0.48	-0.41	-0.39	-0.54	0.46	-0.17	-0.43	-0.30	-0.72	-0.26	**1.00**	-0.67	-0.54	0.05	-0.52	-0.32	-0.33	-0.31	-0.54	-0.62	0.03	-0.17	-0.08	-0.69	0.25	-0.23
Mg2	0.90	0.27	-0.00	0.86	0.79	0.79	0.70	-0.18	0.54	0.79	0.66	0.97	0.65	-0.67	**1.00**	0.88	-0.05	0.88	0.74	0.28	0.66	0.87	0.95	0.01	0.55	0.53	0.95	-0.01	0.27
Mn2	0.91	0.30	0.01	0.80	0.92	0.79	0.58	0.00	0.69	0.76	0.82	0.83	0.76	-0.54	0.88	**1.00**	-0.01	0.92	0.81	0.28	0.76	0.85	0.85	0.07	0.69	0.69	0.86	0.17	0.35
Mo2	-0.03	0.04	-0.04	0.08	0.09	-0.06	-0.07	0.05	0.04	-0.03	0.05	-0.07	-0.01	0.05	-0.05	-0.01	**1.00**	-0.02	0.06	0.09	-0.04	-0.08	-0.06	0.04	0.05	0.13	-0.07	0.09	0.05
Na2	0.87	0.24	-0.00	0.82	0.71	0.70	0.69	-0.28	0.46	0.71	0.58	1.00	0.58	-0.73	0.96	0.83	-0.06	0.84	0.64	0.33	0.59	0.85	0.94	-0.05	0.48	0.41	0.98	-0.11	0.26
Nb2	0.90	0.33	0.01	0.77	0.86	0.78	0.64	0.00	0.71	0.76	0.84	0.85	0.75	-0.52	0.88	0.92	-0.02	**1.00**	0.82	0.34	0.75	0.85	0.89	0.10	0.72	0.67	0.88	0.16	0.34
Ni2	0.75	0.29	-0.02	0.66	0.87	0.77	0.40	0.07	0.68	0.65	0.87	0.64	0.67	-0.32	0.74	0.81	0.06	0.82	**1.00**	0.21	0.67	0.68	0.64	0.01	0.68	0.80	0.67	0.17	0.35
P2	0.52	0.27	0.05	0.41	0.50	0.50	0.22	0.62	0.67	0.51	0.55	0.23	0.64	0.11	0.32	0.50	0.03	0.51	0.46	0.03	0.60	0.43	0.37	0.28	0.63	0.56	0.26	0.76	0.31
Pb2	0.69	0.21	-0.00	0.64	0.59	0.57	0.66	-0.31	0.40	0.56	0.52	0.83	0.48	-0.65	0.80	0.69	-0.05	0.73	0.56	0.27	0.48	0.73	0.79	0.02	0.40	0.29	0.85	-0.26	0.08
Rb2	0.89	0.28	0.00	0.80	0.72	0.74	0.74	-0.18	0.51	0.76	0.60	0.98	0.63	-0.69	0.95	0.84	-0.07	0.86	0.65	0.31	0.64	0.87	0.94	0.03	0.52	0.44	0.96	-0.03	0.24
Sb1	0.31	0.17	0.08	0.32	0.23	0.15	0.26	-0.14	0.23	0.20	0.19	0.32	0.22	-0.33	0.28	0.28	0.09	0.34	0.21	**1.00**	0.23	0.26	0.32	-0.02	0.26	0.10	0.31	-0.04	0.14
Sc2	0.96	0.36	0.02	0.82	0.86	0.85	0.63	0.10	0.79	0.81	0.78	0.84	0.84	-0.46	0.88	0.91	-0.03	0.93	0.81	0.31	0.84	0.91	0.89	0.15	0.79	0.67	0.86	0.20	0.31
Sm1	0.81	0.41	0.04	0.66	0.74	0.77	0.48	0.33	0.90	0.72	0.67	0.60	0.97	-0.31	0.66	0.76	-0.04	0.75	0.67	0.23	**1.00**	0.87	0.67	0.29	0.88	0.64	0.65	0.29	0.31
Sr2	0.90	0.31	0.00	0.93	0.74	0.72	0.66	-0.17	0.54	0.78	0.62	0.94	0.65	-0.61	0.94	0.83	-0.01	0.83	0.67	0.31	0.65	0.85	0.93	0.03	0.56	0.47	0.93	-0.02	0.21
Th1	0.91	0.36	0.01	0.78	0.77	0.82	0.69	0.05	0.71	0.79	0.65	0.86	0.86	-0.54	0.87	0.85	-0.08	0.85	0.68	0.26	0.87	**1.00**	0.88	0.20	0.70	0.53	0.89	0.08	0.24
Ti2	0.91	0.29	-0.00	0.85	0.72	0.76	0.72	-0.14	0.55	0.76	0.62	0.95	0.67	-0.62	0.95	0.85	-0.06	0.89	0.64	0.32	0.67	0.88	**1.00**	0.04	0.56	0.43	0.95	0.03	0.23
U1	0.12	0.22	0.07	0.06	0.10	0.20	0.21	0.52	0.35	0.24	0.07	-0.02	0.34	0.03	0.01	0.07	0.04	0.10	0.01	-0.02	0.29	0.20	0.04	**1.00**	0.32	0.12	0.01	0.27	-0.05
V2	0.66	0.33	0.06	0.53	0.71	0.66	0.30	0.36	0.77	0.61	0.80	0.42	0.74	-0.10	0.52	0.69	0.08	0.72	0.67	0.12	0.72	0.59	0.55	0.22	0.76	0.75	0.48	0.47	0.36
Y2	0.73	0.41	0.06	0.60	0.72	0.67	0.37	0.41	0.98	0.64	0.70	0.49	0.87	-0.17	0.55	0.69	0.05	0.72	0.68	0.26	0.88	0.70	0.56	0.32	**1.00**	0.71	0.54	0.37	0.35
Yb1	0.83	0.38	0.02	0.69	0.76	0.79	0.51	0.13	0.84	0.70	0.71	0.68	0.88	-0.38	0.72	0.79	-0.03	0.80	0.72	0.30	0.89	0.85	0.71	0.22	0.86	0.63	0.73	0.18	0.32
Zn2	0.62	0.28	0.01	0.52	0.81	0.61	0.25	0.29	0.70	0.58	0.81	0.41	0.65	-0.08	0.53	0.69	0.13	0.67	0.80	0.10	0.64	0.53	0.43	0.12	0.71	**1.00**	0.45	0.33	0.39
Zr2	0.88	0.27	0.01	0.80	0.74	0.73	0.71	-0.21	0.53	0.73	0.63	0.98	0.64	-0.69	0.95	0.86	-0.07	0.88	0.67	0.31	0.65	0.89	0.95	0.01	0.54	0.45	**1.00**	-0.07	0.26
depth_m	0.16	0.14	0.06	0.11	0.20	0.21	-0.02	0.64	0.40	0.21	0.25	-0.09	0.33	0.25	-0.01	0.17	0.09	0.16	0.17	-0.04	0.29	0.08	0.03	0.27	0.37	0.33	-0.07	**1.00**	0.27
area_km2	0.27	0.09	-0.00	0.20	0.36	0.27	0.06	0.04	0.33	0.23	0.37	0.25	0.28	-0.23	0.27	0.35	0.05	0.34	0.35	0.14	0.31	0.24	0.23	-0.05	0.35	0.39	0.26	0.27	**1.00**

r>|0.09| is significant at the 0.05 confidence level; r>|0.011| is significant at the 0.01 confidence level; correlations ≥0.84 are indicated in red

Table 8. Spearman correlation coefficients (r) for selected elements and variables in lake water in the Winokapau Lake area (N=541) except N = 463 for Asw2x)

	conduct	Alw2	Asw2x	Baw2	Caw1	Crw2	Cuw2	Fw9	Few1	Kw1	Liw2	Mgw1	Mnw1	Naw1	Siw1	SO4w1	Srw2	Tiw2	Uw3	Vw2	Yw2	Znw2	depth _m	area _km2
pH_w	0.65	-0.38	0.05	0.05	0.63	0.06	0.01	-0.04	-0.19	0.64	-0.00	0.68	-0.24	0.33	0.45	0.59	0.43	-0.22	-0.12	0.01	0.09	-0.34	0.09	0.24
conduct	**1.00**	0.12	-0.05	0.41	0.91	-0.03	0.05	-0.14	0.21	0.45	0.08	0.84	0.01	0.60	0.63	0.66	0.79	0.22	0.17	0.10	0.16	-0.07	-0.07	0.04
Alw2	0.12	**1.00**	-0.07	0.53	0.11	-0.02	0.09	0.24	0.38	-0.21	0.08	0.01	0.32	0.34	0.33	-0.01	0.32	0.69	0.46	0.06	0.19	0.40	0.11	-0.21
Asw2x	-0.05	-0.07	**1.00**	-0.02	-0.01	-0.09	0.01	0.06	-0.02	0.00	-0.08	-0.06	-0.04	0.00	0.01	-0.02	-0.02	-0.11	-0.08	-0.03	-0.14	-0.00	0.00	0.02
Baw2	0.41	0.53	-0.02	**1.00**	0.42	-0.02	0.02	0.13	0.45	0.02	0.05	0.29	0.28	0.42	0.48	0.08	0.74	0.55	0.42	0.08	0.13	0.24	-0.03	-0.18
Caw1	0.91	0.11	-0.01	0.42	**1.00**	-0.01	0.03	-0.14	0.24	0.37	0.05	0.69	0.05	0.61	0.58	0.63	0.82	0.22	0.16	0.10	0.11	-0.06	-0.06	0.09
Crw2	-0.03	-0.02	-0.09	-0.02	-0.01	**1.00**	0.05	0.04	0.03	0.06	0.10	0.00	0.03	0.00	0.03	0.02	-0.01	0.08	-0.06	0.02	0.16	-0.06	-0.06	0.06
Cuw2	0.05	0.09	0.01	0.02	0.03	0.05	**1.00**	-0.03	0.01	0.05	0.22	0.02	-0.01	0.03	0.01	0.05	0.03	0.09	-0.01	0.03	0.14	0.23	-0.03	-0.03
Fw9	-0.14	0.24	0.06	0.13	-0.14	0.04	-0.03	**1.00**	-0.06	0.00	-0.07	-0.13	0.03	0.16	0.09	-0.13	0.02	0.02	0.29	-0.22	-0.03	0.08	0.16	-0.20
Few1	0.21	0.38	-0.02	0.45	0.24	0.03	0.01	-0.06	**1.00**	-0.18	0.11	0.14	0.53	0.25	0.10	-0.11	0.39	0.63	0.15	0.14	0.02	0.22	-0.41	-0.13
Kw1	0.45	-0.21	0.00	0.02	0.37	0.06	0.05	0.00	-0.18	**1.00**	-0.13	0.49	-0.16	0.34	0.33	0.46	0.22	-0.11	-0.06	-0.10	0.09	-0.26	0.11	0.16
Liw2	0.08	0.08	-0.08	0.05	0.05	0.10	0.22	-0.07	0.11	-0.13	**1.00**	0.04	0.02	0.04	0.03	-0.03	0.14	0.24	0.21	0.21	0.25	0.05	-0.07	0.01
Mgw1	0.84	0.01	-0.06	0.29	0.69	0.00	0.02	-0.13	0.14	0.49	0.04	**1.00**	-0.04	0.38	0.57	0.58	0.61	0.12	0.03	0.06	0.17	-0.17	-0.05	0.11
Mnw1	0.01	0.32	-0.04	0.28	0.05	0.03	-0.01	0.03	0.53	-0.16	0.02	-0.04	**1.00**	0.02	0.14	-0.04	0.15	0.39	0.09	0.03	0.06	0.20	-0.16	-0.05
Naw1	0.60	0.34	0.00	0.42	0.61	0.00	0.03	0.16	0.25	0.34	0.04	0.38	0.02	**1.00**	0.55	0.38	0.64	0.35	0.39	-0.04	0.14	0.10	-0.08	-0.12
Siw1	0.63	0.33	0.01	0.48	0.58	0.03	0.01	0.09	0.10	0.33	0.03	0.57	0.14	0.55	**1.00**	0.51	0.66	0.32	0.32	0.04	0.25	-0.06	0.23	-0.02
SO4w1	0.66	-0.01	-0.02	0.08	0.63	0.02	0.05	-0.13	-0.11	0.46	-0.03	0.58	-0.04	0.38	0.51	**1.00**	0.42	0.06	0.02	0.09	0.18	-0.19	0.04	0.21
Srw2	0.79	0.32	-0.02	0.74	0.82	-0.01	0.03	0.02	0.39	0.22	0.14	0.61	0.15	0.64	0.66	0.42	**1.00**	0.44	0.40	0.13	0.17	0.05	-0.07	-0.05
Tiw2	0.22	0.69	-0.11	0.55	0.22	0.08	0.09	0.02	0.63	-0.11	0.24	0.12	0.39	0.35	0.32	0.06	0.44	**1.00**	0.41	0.23	0.27	0.31	-0.11	-0.09
Uw3	0.17	0.46	-0.08	0.42	0.16	-0.06	-0.01	0.29	0.15	-0.06	0.21	0.03	0.09	0.39	0.32	0.02	0.40	0.41	**1.00**	0.08	0.16	0.15	0.07	-0.16
Vw2	0.10	0.06	-0.03	0.08	0.10	0.02	0.03	-0.22	0.14	-0.10	0.21	0.06	0.03	-0.04	0.04	0.09	0.13	0.23	0.08	**1.00**	0.08	0.05	-0.06	0.07
Yw2	0.16	0.19	-0.14	0.13	0.11	0.16	0.14	-0.03	0.02	0.09	0.25	0.17	0.06	0.14	0.25	0.18	0.17	0.27	0.16	0.08	**1.00**	-0.06	0.10	0.01
Znw2	-0.07	0.40	-0.00	0.24	-0.06	-0.06	0.23	0.08	0.22	-0.26	0.05	-0.17	0.20	0.10	-0.06	-0.19	0.05	0.31	0.15	0.05	-0.06	**1.00**	-0.09	-0.22
depth_m	-0.07	0.11	0.00	-0.03	-0.06	-0.06	-0.03	0.16	-0.41	0.11	-0.07	-0.05	-0.16	-0.08	0.23	0.04	-0.07	-0.11	0.07	-0.06	0.10	-0.09	**1.00**	0.27
area_km2	0.04	-0.21	0.02	-0.18	0.09	0.06	-0.03	-0.20	-0.13	0.16	0.01	0.11	-0.05	-0.12	-0.02	0.21	-0.05	-0.09	-0.16	0.07	0.01	-0.22	0.27	**1.00**

r>|0.09| is significant at the 0.05 confidence level; r>|0.011| is significant at the 0.01 confidence level; correlations ≥0.60 are indicated in red

Table 9. Spearman correlation coefficients (r) for selected elements and variables in lake sediment with lake water data in the Winokapau Lake area (N=531) except N = 455 for Asw2x)

	pH_w	conduct	Alw2	Asw2x	Baw2	Caw1	Crw2	Cuw2	Fw9	Few1	Kw1	Liw2	Mgw1	Mnw1	Naw1	Siw1	SO4w1	Srw2	Tiw2	Uw3	Vw2	Yw2	Znw2
Ag6	-0.02	-0.04	0.05	-0.05	0.05	-0.06	0.04	-0.01	0.11	-0.06	-0.06	0.04	-0.06	-0.05	0.04	0.06	-0.04	-0.01	-0.05	0.01	-0.06	0.08	-0.05
Al2	0.28	0.10	-0.05	0.04	-0.03	0.12	0.09	0.02	-0.04	-0.09	0.19	-0.04	0.12	0.11	0.00	0.29	0.26	0.05	-0.01	-0.04	-0.01	0.06	-0.14
As2	0.04	-0.01	-0.04	0.04	0.03	-0.00	-0.03	-0.05	0.05	-0.09	-0.02	0.00	-0.02	-0.04	-0.02	0.10	0.05	0.06	0.03	0.07	0.05	0.07	-0.10
Au1	0.01	0.03	-0.01	-0.03	0.02	0.02	-0.04	0.01	-0.07	-0.02	0.07	0.03	0.01	-0.03	0.06	0.07	0.02	0.03	0.01	0.06	0.02	0.08	0.00
Ba2	0.15	0.04	-0.08	0.01	0.02	0.05	0.09	0.01	-0.07	0.05	0.12	-0.05	0.06	0.20	-0.02	0.19	0.17	0.04	0.03	-0.09	0.00	0.03	-0.10
Be2	0.24	0.00	-0.01	0.08	-0.01	0.04	0.04	-0.02	0.14	-0.25	0.18	-0.05	-0.02	-0.00	0.06	0.30	0.16	0.02	-0.07	0.11	-0.07	0.08	-0.12
Br1	-0.09	-0.17	0.10	-0.01	-0.03	-0.17	-0.06	-0.05	0.18	-0.30	-0.04	-0.06	-0.18	-0.21	-0.16	-0.07	-0.16	-0.14	-0.15	0.06	-0.03	-0.00	0.03
Ca2	0.30	0.26	-0.02	0.04	0.02	0.29	0.07	0.02	-0.11	-0.01	0.18	-0.03	0.23	0.10	0.09	0.29	0.35	0.18	0.05	-0.03	-0.01	0.07	-0.15
Cd2	0.06	-0.03	-0.06	0.06	-0.10	-0.06	-0.08	-0.06	0.09	-0.31	-0.03	0.03	-0.00	-0.26	-0.21	-0.03	-0.07	-0.08	-0.22	0.02	0.01	0.01	-0.06
Ce2	0.18	0.00	0.02	0.07	-0.01	0.04	0.03	0.01	0.15	-0.25	0.08	0.02	-0.02	-0.02	-0.04	0.25	0.17	0.04	-0.05	0.08	-0.03	0.12	-0.13
Co2	0.44	0.22	-0.20	0.06	-0.06	0.22	0.03	-0.00	-0.07	-0.17	0.24	-0.03	0.27	0.00	-0.01	0.33	0.35	0.12	-0.13	-0.10	0.00	0.05	-0.23
Cr1	0.24	0.04	-0.09	0.05	-0.02	0.01	0.01	-0.06	0.01	-0.09	0.19	-0.09	0.15	0.07	-0.07	0.23	0.17	0.01	-0.04	0.01	0.02	-0.03	-0.13
Cs1	0.15	0.05	-0.00	-0.03	0.06	0.06	0.05	0.06	0.09	0.07	0.16	0.00	0.04	0.20	0.12	0.25	0.11	0.09	0.11	0.14	-0.02	0.06	-0.04
Cu2	-0.14	-0.18	0.30	0.01	0.03	-0.17	-0.12	-0.04	0.34	-0.36	-0.13	-0.01	-0.22	-0.14	-0.14	0.06	-0.13	-0.10	-0.05	0.26	-0.06	0.08	0.07
Dy2	0.21	-0.01	-0.06	0.06	-0.07	0.02	0.05	-0.01	0.07	-0.27	0.11	0.04	-0.00	-0.06	-0.08	0.23	0.15	-0.00	-0.10	0.06	-0.03	0.14	-0.17
F9	0.27	0.12	-0.02	0.08	0.03	0.16	0.03	0.01	0.11	-0.05	0.16	-0.01	0.10	0.10	0.06	0.27	0.23	0.12	0.03	0.08	-0.03	0.05	-0.11
Fe2	0.36	0.15	-0.21	0.04	-0.03	0.18	0.02	0.02	-0.07	-0.09	0.18	-0.03	0.16	0.03	-0.05	0.24	0.23	0.09	-0.12	-0.11	0.02	0.03	-0.18
Hf1	0.21	0.10	-0.12	0.04	-0.05	0.13	0.08	0.03	-0.10	0.10	0.18	-0.05	0.12	0.22	0.04	0.19	0.27	0.05	0.04	-0.11	0.01	-0.02	-0.13
K2	0.22	0.13	-0.11	0.02	-0.02	0.15	0.10	0.02	-0.12	0.11	0.19	-0.04	0.16	0.22	0.04	0.23	0.28	0.07	0.07	-0.08	0.04	0.02	-0.13
La1	0.22	0.00	-0.03	0.05	-0.04	0.04	0.05	0.03	0.15	-0.22	0.12	-0.01	-0.01	0.02	-0.02	0.25	0.20	0.02	-0.08	0.05	-0.05	0.09	-0.16
LOI	-0.27	-0.25	0.04	-0.01	-0.10	-0.26	-0.13	-0.06	0.09	-0.25	-0.22	-0.01	-0.28	-0.25	-0.22	-0.35	-0.36	-0.22	-0.20	-0.04	-0.03	-0.07	0.09
Mg2	0.30	0.17	-0.11	0.03	0.01	0.18	0.07	0.00	-0.11	0.08	0.23	-0.05	0.23	0.19	0.03	0.27	0.30	0.11	0.05	-0.07	0.04	0.02	-0.15
Mn2	0.39	0.18	-0.16	0.03	-0.04	0.20	0.06	0.02	-0.08	-0.09	0.25	-0.04	0.21	0.11	0.02	0.33	0.32	0.11	-0.06	-0.08	-0.01	0.04	-0.20
Mo2	0.17	0.20	-0.05	0.03	-0.01	0.19	0.03	0.05	-0.09	-0.12	0.09	-0.05	0.17	-0.15	0.07	0.14	0.24	0.11	-0.03	0.01	0.10	0.05	-0.08
Na2	0.23	0.14	-0.11	0.02	-0.02	0.16	0.09	0.02	-0.15	0.12	0.18	-0.04	0.17	0.22	0.04	0.23	0.29	0.08	0.08	-0.09	0.04	0.02	-0.13
Nb2	0.31	0.12	-0.14	0.00	-0.03	0.15	0.09	0.01	-0.11	-0.04	0.20	-0.04	0.14	0.12	-0.01	0.28	0.26	0.07	-0.02	-0.07	0.02	0.07	-0.21
Ni2	0.33	0.09	-0.28	0.03	-0.11	0.06	-0.01	0.00	-0.14	-0.14	0.18	-0.05	0.21	0.01	-0.19	0.15	0.22	-0.02	-0.18	-0.20	0.03	0.01	-0.20
P2	0.13	-0.03	0.14	-0.02	-0.01	-0.00	-0.02	-0.01	0.12	-0.29	0.09	-0.04	-0.03	-0.04	-0.07	0.23	0.10	-0.03	-0.06	0.06	-0.04	0.09	-0.06
Pb2	0.16	0.10	-0.10	-0.04	0.08	0.10	0.09	0.04	-0.04	0.17	0.15	-0.02	0.12	0.24	0.08	0.20	0.18	0.12	0.09	-0.01	-0.01	0.07	-0.08
Rb2	0.23	0.10	-0.10	0.03	-0.00	0.13	0.09	0.01	-0.07	0.07	0.20	-0.06	0.13	0.20	0.06	0.24	0.25	0.07	0.06	-0.05	0.01	0.01	-0.11
Sb1	0.21	0.11	-0.21	-0.06	-0.13	0.11	0.17	0.07	-0.28	-0.09	0.14	0.13	0.12	-0.03	-0.04	0.09	0.20	0.01	-0.01	-0.13	0.08	0.14	-0.19
Sc2	0.27	0.05	-0.12	0.03	-0.07	0.07	0.08	-0.01	-0.03	-0.12	0.19	-0.05	0.09	0.08	-0.06	0.23	0.22	0.01	-0.05	-0.06	-0.01	0.04	-0.18
Sm1	0.21	-0.02	-0.04	0.06	-0.06	0.02	0.07	0.02	0.13	-0.20	0.12	0.00	-0.02	0.04	-0.03	0.23	0.18	-0.00	-0.07	0.01	-0.04	0.09	-0.15
Sr2	0.23	0.16	-0.06	0.02	0.04	0.19	0.09	0.02	-0.11	0.07	0.16	-0.01	0.17	0.18	0.06	0.26	0.29	0.14	0.08	-0.04	0.02	0.05	-0.14
Th1	0.19	0.02	-0.06	0.06	-0.03	0.06	0.07	0.03	0.10	-0.03	0.15	-0.03	0.03	0.16	0.03	0.23	0.20	0.03	0.02	0.01	-0.03	0.04	-0.12
Ti2	0.22	0.13	-0.02	0.01	0.03	0.16	0.11	0.02	-0.08	0.08	0.20	-0.06	0.14	0.22	0.06	0.29	0.28	0.10	0.11	-0.04	0.03	0.05	-0.13
U1	-0.10	-0.04	0.26	-0.03	0.19	-0.03	-0.07	-0.05	0.36	-0.13	-0.13	0.16	-0.14	-0.04	0.16	0.20	-0.06	0.17	0.16	0.79	0.02	0.13	0.03
V2	0.26	0.08	-0.06	0.08	0.04	0.12	0.06	-0.03	0.01	-0.17	0.17	-0.09	0.06	-0.02	0.02	0.32	0.17	0.10	-0.06	-0.01	0.02	0.07	-0.17
Y2	0.23	-0.00	-0.11	0.05	-0.08	0.03	0.05	-0.01	0.00	-0.27	0.12	0.04	0.00	-0.07	-0.08	0.19	0.16	-0.01	-0.11	0.03	-0.02	0.14	-0.19
Yb1	0.25	0.01	-0.17	0.06	-0.10	0.04	0.05	0.01	-0.05	-0.16	0.16	0.01	0.03	0.01	-0.04	0.17	0.18	-0.00	-0.10	-0.03	-0.01	0.04	-0.17
Zn2	0.38	0.13	-0.26	0.11	-0.11	0.15	-0.05	-0.04	-0.06	-0.27	0.16	-0.02	0.16	-0.12	-0.14	0.17	0.19	0.04	-0.24	-0.13	0.02	-0.00	-0.21
Zr2	0.22	0.10	-0.12	0.03	-0.03	0.13	0.08	0.02	-0.10	0.10	0.17	-0.05	0.11	0.23	0.04	0.21	0.26	0.06	0.06	-0.08	0.02	0.00	-0.12

r>|0.09| is significant at the 0.05 confidence level; r>|0.011| is significant at the 0.01 confidence level; correlations ≥0.30 are indicated in red

Table 9 includes all the water data and a selection of sediment variables from the Winokapau Lake area. In general, correlations are quite low. Coefficients ≥0.30 are highlighted in red. Even at this low cutoff value, uranium has no correlations of interest. The highest correlation for zinc in sediment is with pH (r=0.38).

Correlation Analysis of Sediment and Water Data in the Schefferville Area

Tables 10, 11 and 12 provide matrices of Spearman correlation coefficients of selected elements and variables in the Schefferville area data. Table 10 includes sediment variables. As in Table 7, coefficients ≥0.85 are highlighted in red. Of the ore metals, only Cr1, Ni2 and Ti2 display any of these very strong correlations. Cr1 shares strong correlations with Al2, Mg2, Sc2 and Ti2. Ni2 has a correlation of 0.86 with Co2 but both share quite strong correlations with Fe2 (r=0.81 and 0.78 respectively) suggesting that both Ni2 and Co2 may be experiencing Fe–Mn hydroxide scavenging. Ti2 shares strong correlations with Al2, Ba2, Cr1, Na2, Sc2 and V2 and has an extremely strong correlation with Mg2 (r=0.97). The environmental parameters, LOI and Fe2 also have some quite significant correlations with several variables, and it may be worth applying a multivariate technique, such as regression analysis, to the data from this area to see whether some of the environmental 'noise' can be removed.

Table 11 includes all the water data and a selection of sediment variables from the Schefferville area. As with the corresponding data from Winokapau Lake area, coefficients ≥0.60 are highlighted in red. None of the ore metals have correlation coefficients that exceed this threshold.

Table 12 includes all the water data and a selection of sediment variables from the Schefferville area. Of the ore metals in water, only Znw2 shows a moderate (negative) correlation with Sc2 (r=-0.30). Of the ore metals in sediment, Co2 has a coefficient of 0.42 with SO4w1, Cu2 has a -0.33 correlation with Few1 and Ni2 has a 0.45 correlation with SO4w1. U1 has a correlation coefficient of -0.36 with Few1, 0.45 with Kw1, and 0.30 with SO4w1. Zn2 also has a correlation coefficient of 0.30 with SO4w1.

ELEMENT DISTRIBUTION IN LAKE SEDIMENT AND WATER

Symbol plot maps were produced for the various elements and variables selected for having economic interest for providing information about a sample's environmental parameters which might influence the abundance of other elements in the sample for reasons other than geochemical abundance in the water column. For most variables, data were classified using natural breaks (Jenks' Optimization) to depict naturally occurring divisions in the data in the hope of reflecting underlying geochemical or mineralogical processes. In some cases, the intervals were adjusted manually to better display the dispersion patterns or emphasize higher values. For discussion purposes the term 'high value' will refer to the highest interval on the associated dot plot map shown by red dots, and the term 'elevated value' will refer to the second highest interval shown by orange dots.

Histograms with overlaid probability plots are included in each figure. These show the extent and shape of the distribution. The horizontal axes on most histograms are logarithmic because

Table 10. Spearman correlation coefficients (r) for selected elements and variables in lake sediment in the Schefferville area (N=472)

	Al2	As2	Au1	Ca2	Co2	Cr1	Cs1	Cu2	Dy2	F9	Fe2	K2	La1	LOI	Mg2	Mn2	Mo2	Nb2	Ni2	Sb1	Sm1	Th1	Ti2	U1	Y2	Zn2	Zr2	depth _m	area _km2
Ag6	0.07	0.12	0.29	-0.38	0.11	0.05	0.19	0.44	0.32	0.09	0.19	0.02	0.13	0.01	-0.10	0.11	0.21	0.08	0.24	0.36	0.22	0.14	-0.11	0.26	0.27	0.39	0.09	0.52	-0.09
Al2	**1.00**	0.33	0.45	0.26	0.61	0.88	0.80	0.27	0.44	0.80	0.62	0.90	0.53	-0.67	0.88	0.58	0.10	0.74	0.54	0.49	0.50	0.85	0.89	0.42	0.41	0.33	0.84	0.38	0.35
As2	0.33	**1.00**	0.15	0.13	0.40	0.24	0.25	0.29	0.41	0.46	0.58	0.42	0.51	-0.30	0.36	0.53	0.55	0.59	0.48	0.62	0.37	0.41	0.30	0.56	0.48	0.52	0.57	0.18	0.40
Au1	0.45	0.15	**1.00**	0.02	0.40	0.48	0.37	0.48	0.36	0.28	0.36	0.31	0.30	-0.39	0.40	0.29	0.03	0.33	0.45	0.37	0.34	0.38	0.41	0.25	0.31	0.31	0.35	0.32	0.11
Ba2	0.88	0.42	0.30	0.32	0.49	0.74	0.78	0.07	0.31	0.84	0.54	0.96	0.51	-0.63	0.85	0.60	0.16	0.74	0.40	0.48	0.40	0.86	0.85	0.47	0.32	0.24	0.89	0.26	0.34
Be2	0.75	0.52	0.31	-0.01	0.63	0.55	0.78	0.28	0.65	0.75	0.70	0.78	0.68	-0.52	0.58	0.63	0.29	0.74	0.62	0.58	0.66	0.82	0.53	0.66	0.66	0.54	0.82	0.45	0.33
Br1	-0.28	-0.23	-0.09	-0.20	-0.17	-0.20	-0.17	0.11	-0.02	-0.27	-0.25	-0.34	-0.18	0.59	-0.36	-0.23	0.17	-0.38	-0.11	-0.15	-0.09	-0.22	-0.38	-0.12	-0.01	0.03	-0.33	0.25	-0.09
Ca2	0.26	0.13	0.02	**1.00**	0.28	0.40	0.05	-0.05	-0.01	0.15	0.17	0.23	0.10	-0.22	0.55	0.42	-0.00	0.23	0.20	-0.01	0.01	0.13	0.49	0.00	0.05	-0.01	0.22	-0.04	0.33
Cd2	-0.03	0.47	0.14	-0.10	0.23	-0.05	0.03	0.46	0.52	0.08	0.28	-0.03	0.42	0.03	-0.05	0.28	0.44	0.18	0.41	0.50	0.41	0.07	-0.13	0.47	0.59	0.76	0.15	0.19	0.12
Ce2	0.58	0.46	0.33	-0.05	0.49	0.47	0.50	0.54	0.77	0.51	0.55	0.50	0.85	-0.38	0.41	0.37	0.21	0.56	0.62	0.51	0.84	0.64	0.40	0.54	0.75	0.54	0.61	0.27	0.35
Co2	0.61	0.40	0.40	0.28	**1.00**	0.61	0.49	0.38	0.57	0.40	0.78	0.46	0.43	-0.49	0.61	0.69	0.15	0.66	0.86	0.34	0.49	0.47	0.57	0.34	0.49	0.54	0.49	0.31	0.38
Cr1	0.88	0.24	0.48	0.40	0.61	**1.00**	0.68	0.36	0.40	0.61	0.58	0.71	0.43	-0.58	0.89	0.55	0.08	0.66	0.58	0.39	0.43	0.71	0.90	0.28	0.35	0.28	0.68	0.33	0.34
Cs1	0.80	0.25	0.37	0.05	0.49	0.68	**1.00**	0.18	0.42	0.75	0.49	0.83	0.46	-0.54	0.65	0.46	0.08	0.59	0.43	0.43	0.49	0.84	0.64	0.49	0.40	0.35	0.77	0.33	0.19
Cu2	0.27	0.29	0.48	-0.05	0.38	0.36	0.18	**1.00**	0.67	0.11	0.31	0.05	0.50	-0.17	0.21	0.15	0.20	0.19	0.62	0.45	0.61	0.23	0.18	0.27	0.62	0.58	0.21	0.36	0.18
Dy2	0.44	0.41	0.36	-0.01	0.57	0.40	0.42	0.67	**1.00**	0.33	0.57	0.31	0.77	-0.36	0.32	0.45	0.25	0.46	0.74	0.46	0.91	0.48	0.27	0.54	0.93	0.67	0.47	0.34	0.34
F9	0.80	0.46	0.28	0.15	0.40	0.61	0.75	0.11	0.33	**1.00**	0.51	0.90	0.53	-0.53	0.71	0.54	0.20	0.71	0.35	0.54	0.41	0.83	0.69	0.59	0.38	0.27	0.87	0.34	0.31
Fe2	0.62	0.58	0.36	0.17	0.78	0.58	0.49	0.31	0.57	0.51	**1.00**	0.54	0.50	-0.51	0.60	0.78	0.26	0.88	0.81	0.50	0.48	0.56	0.54	0.51	0.49	0.50	0.61	0.35	0.39
Hf1	0.79	0.48	0.27	0.36	0.46	0.67	0.68	0.09	0.35	0.79	0.55	0.87	0.58	-0.61	0.80	0.61	0.17	0.75	0.41	0.56	0.43	0.80	0.79	0.54	0.41	0.25	0.90	0.21	0.42
K2	0.90	0.42	0.31	0.23	0.46	0.71	0.83	0.05	0.31	0.90	0.54	**1.00**	0.53	-0.62	0.82	0.57	0.15	0.75	0.37	0.52	0.41	0.90	0.82	0.53	0.35	0.24	0.93	0.29	0.32
La1	0.53	0.51	0.30	0.10	0.43	0.43	0.46	0.50	0.77	0.53	0.50	0.53	**1.00**	-0.39	0.44	0.41	0.28	0.55	0.57	0.55	0.88	0.64	0.40	0.64	0.82	0.55	0.66	0.27	0.38
LOI	-0.67	-0.30	-0.39	-0.22	-0.49	-0.58	-0.54	-0.17	-0.36	-0.53	-0.51	-0.62	-0.39	**1.00**	-0.66	-0.49	0.05	-0.60	-0.41	-0.43	-0.39	-0.57	-0.66	-0.35	-0.31	-0.25	-0.63	-0.24	-0.32
Mg2	0.88	0.36	0.40	0.55	0.61	0.89	0.65	0.21	0.32	0.71	0.60	0.82	0.44	-0.66	**1.00**	0.66	0.10	0.75	0.54	0.44	0.35	0.71	0.97	0.34	0.33	0.25	0.79	0.26	0.43
Mn2	0.58	0.53	0.29	0.42	0.69	0.55	0.46	0.15	0.45	0.54	0.78	0.57	0.41	-0.49	0.66	**1.00**	0.24	0.76	0.63	0.40	0.34	0.50	0.60	0.43	0.46	0.46	0.62	0.32	0.40
Mo2	0.10	0.55	0.03	-0.00	0.15	0.08	0.08	0.20	0.25	0.20	0.26	0.15	0.28	0.05	0.10	0.24	**1.00**	0.22	0.24	0.41	0.21	0.16	0.06	0.41	0.34	0.34	0.25	0.28	0.22
Na2	0.74	0.43	0.21	0.58	0.44	0.68	0.52	-0.02	0.18	0.68	0.48	0.81	0.42	-0.60	0.88	0.60	0.12	0.70	0.34	0.41	0.25	0.63	0.88	0.35	0.24	0.16	0.77	0.06	0.45
Nb2	0.74	0.59	0.33	0.23	0.66	0.66	0.59	0.19	0.46	0.71	0.88	0.75	0.55	-0.60	0.75	0.76	0.22	**1.00**	0.66	0.58	0.42	0.69	0.73	0.57	0.43	0.38	0.80	0.30	0.40
Ni2	0.54	0.48	0.45	0.20	0.86	0.58	0.43	0.62	0.74	0.35	0.81	0.37	0.57	-0.41	0.54	0.63	0.24	0.66	**1.00**	0.45	0.63	0.46	0.47	0.44	0.65	0.67	0.48	0.33	0.38
P2	0.29	0.29	0.27	-0.13	0.30	0.30	0.17	0.39	0.36	0.21	0.39	0.17	0.22	-0.00	0.21	0.36	0.28	0.30	0.38	0.28	0.27	0.26	0.21	0.15	0.34	0.35	0.24	0.44	0.17
Pb2	0.47	0.53	0.27	-0.18	0.40	0.35	0.57	0.33	0.52	0.52	0.53	0.54	0.58	-0.31	0.34	0.40	0.25	0.57	0.48	0.58	0.52	0.60	0.33	0.56	0.47	0.47	0.61	0.17	0.18
Rb2	0.92	0.37	0.36	0.17	0.49	0.75	0.90	0.12	0.37	0.88	0.55	0.98	0.52	-0.62	0.80	0.55	0.13	0.72	0.42	0.50	0.45	0.92	0.80	0.51	0.38	0.28	0.91	0.33	0.29
Sb1	0.49	0.62	0.37	-0.01	0.34	0.39	0.43	0.45	0.46	0.54	0.50	0.52	0.55	-0.43	0.44	0.40	0.41	0.58	0.45	**1.00**	0.46	0.54	0.41	0.69	0.52	0.53	0.67	0.33	0.26
Sc2	0.89	0.24	0.51	0.36	0.67	0.94	0.67	0.42	0.49	0.58	0.63	0.69	0.43	-0.62	0.87	0.56	0.04	0.66	0.64	0.38	0.49	0.69	0.87	0.25	0.41	0.33	0.67	0.33	0.36
Sm1	0.50	0.37	0.34	0.01	0.49	0.43	0.49	0.61	0.91	0.41	0.48	0.41	0.88	-0.39	0.35	0.34	0.21	0.42	0.63	0.46	**1.00**	0.59	0.32	0.54	0.89	0.59	0.54	0.29	0.31
Sr2	0.60	0.42	0.10	0.66	0.35	0.54	0.41	-0.07	0.13	0.56	0.37	0.69	0.40	-0.51	0.74	0.53	0.16	0.56	0.26	0.35	0.24	0.54	0.73	0.33	0.22	0.14	0.67	0.03	0.39
Th1	0.85	0.41	0.38	0.13	0.47	0.71	0.84	0.23	0.48	0.83	0.56	0.90	0.64	-0.57	0.71	0.50	0.16	0.69	0.46	0.54	0.59	**1.00**	0.69	0.59	0.48	0.30	0.89	0.36	0.31
Ti2	0.89	0.30	0.41	0.49	0.57	0.90	0.64	0.18	0.27	0.69	0.54	0.82	0.40	-0.66	0.97	0.60	0.06	0.73	0.47	0.41	0.32	0.69	**1.00**	0.28	0.26	0.18	0.77	0.22	0.38
U1	0.42	0.56	0.25	0.00	0.34	0.28	0.49	0.27	0.54	0.59	0.51	0.53	0.64	-0.35	0.34	0.43	0.41	0.57	0.44	0.69	0.54	0.59	0.28	**1.00**	0.59	0.45	0.65	0.37	0.32
V2	0.92	0.39	0.51	0.32	0.63	0.89	0.72	0.31	0.40	0.73	0.67	0.82	0.45	-0.64	0.91	0.64	0.17	0.79	0.58	0.56	0.40	0.77	0.91	0.42	0.37	0.30	0.81	0.37	0.36
Y2	0.41	0.48	0.31	0.05	0.49	0.35	0.40	0.62	0.93	0.38	0.49	0.35	0.82	-0.31	0.33	0.46	0.34	0.43	0.65	0.52	0.89	0.48	0.26	0.59	**1.00**	0.69	0.53	0.33	0.38
Yb1	0.59	0.53	0.37	0.13	0.55	0.54	0.48	0.58	0.81	0.49	0.58	0.49	0.81	-0.39	0.50	0.51	0.34	0.57	0.67	0.58	0.81	0.58	0.46	0.56	0.85	0.62	0.64	0.34	0.39
Zn2	0.33	0.52	0.31	-0.01	0.54	0.28	0.35	0.58	0.67	0.27	0.50	0.24	0.55	-0.25	0.25	0.46	0.34	0.38	0.67	0.53	0.59	0.30	0.18	0.45	0.69	**1.00**	0.37	0.26	0.23
Zr2	0.84	0.57	0.35	0.22	0.49	0.68	0.77	0.21	0.47	0.87	0.61	0.93	0.66	-0.63	0.79	0.62	0.25	0.80	0.48	0.67	0.54	0.89	0.77	0.65	0.53	0.37	**1.00**	0.32	0.40
depth_m	0.38	0.18	0.32	-0.04	0.31	0.33	0.33	0.36	0.34	0.34	0.35	0.29	0.27	-0.24	0.26	0.32	0.28	0.30	0.33	0.33	0.29	0.36	0.22	0.37	0.33	0.26	0.32	**1.00**	0.24
area_km2	0.35	0.40	0.11	0.33	0.38	0.34	0.19	0.18	0.34	0.31	0.39	0.32	0.38	-0.32	0.43	0.40	0.22	0.40	0.38	0.26	0.31	0.31	0.38	0.32	0.38	0.23	0.40	0.24	**1.00**

r>|0.09| is significant at the 0.05 confidence level; r>|0.012| is significant at the 0.01 confidence level; correlations ≥0.85 are indicated in red

Table 11. Spearman correlation coefficients (r) for selected elements and variables in lake water in the Schefferville area (N=496)

	conduct	Alw2	Asw2x	Baw2	Caw1	Crw2	Cuw2	Fw9	Few1	Kw1	Liw2	Mgw1	Mnw1	Naw1	Niw2	Pw2	Siw1	SO4w1	Srw2	Tiw2	Vw2	Yw2	Znw2	depth _m	area _km2
pH_w	0.82	-0.40	0.11	0.14	0.88	-0.29	0.23	0.27	-0.31	0.40	0.28	0.80	-0.06	0.51	-0.03	-0.14	0.63	0.46	0.72	-0.27	-0.05	-0.03	-0.28	0.17	0.13
conduct	**1.00**	-0.27	0.07	0.30	0.95	-0.19	0.18	0.35	-0.18	0.45	0.43	0.93	0.10	0.56	0.15	-0.16	0.70	0.69	0.78	-0.32	-0.03	0.02	-0.12	0.04	0.09
Alw2	-0.27	**1.00**	-0.05	0.34	-0.26	0.08	0.10	-0.15	0.56	-0.35	-0.03	-0.30	0.14	-0.11	0.29	0.21	-0.16	-0.19	-0.24	0.60	0.04	0.30	0.39	-0.33	-0.30
Asw2x	0.07	-0.05	**1.00**	0.11	0.09	-0.11	0.06	0.06	0.01	0.14	0.09	0.09	0.00	0.10	0.05	0.12	0.05	0.01	0.11	-0.06	-0.04	-0.03	0.00	-0.03	0.03
Baw2	0.30	0.34	0.11	**1.00**	0.31	0.01	0.14	0.13	0.33	0.23	0.15	0.24	0.29	0.21	0.30	0.26	0.18	0.16	0.29	0.16	0.06	0.17	0.20	-0.25	0.06
Caw1	0.95	-0.26	0.09	0.31	**1.00**	-0.25	0.20	0.33	-0.15	0.39	0.36	0.89	0.05	0.55	0.11	-0.14	0.69	0.58	0.81	-0.27	-0.03	0.01	-0.16	0.05	0.08
Crw2	-0.19	0.08	-0.11	0.01	-0.25	**1.00**	-0.08	-0.09	0.08	-0.07	-0.02	-0.22	0.20	-0.24	-0.00	0.04	-0.16	-0.11	-0.24	0.09	-0.02	0.05	0.10	0.01	-0.01
Cuw2	0.18	0.10	0.06	0.14	0.20	-0.08	**1.00**	-0.08	0.05	0.11	0.16	0.16	0.02	0.17	0.22	0.10	0.15	0.05	0.24	0.11	0.04	0.23	0.35	-0.04	-0.04
Fw9	0.35	-0.15	0.06	0.13	0.33	-0.09	-0.08	**1.00**	-0.10	0.23	0.28	0.32	0.04	0.20	-0.04	-0.05	0.29	0.28	0.27	-0.16	-0.08	-0.10	-0.14	0.02	0.05
Few1	-0.18	0.56	0.01	0.33	-0.15	0.08	0.05	-0.10	**1.00**	-0.28	0.01	-0.14	0.50	0.01	0.13	0.41	-0.16	-0.27	-0.06	0.48	0.07	0.15	0.41	-0.57	-0.22
Kw1	0.45	-0.35	0.14	0.23	0.39	-0.07	0.11	0.23	-0.28	**1.00**	0.31	0.41	0.06	0.42	0.10	0.08	0.30	0.38	0.46	-0.28	-0.03	-0.04	-0.03	0.06	0.32
Liw2	0.43	-0.03	0.09	0.15	0.36	-0.02	0.16	0.28	0.01	0.31	**1.00**	0.44	0.12	0.29	0.21	-0.06	0.29	0.39	0.37	-0.12	0.00	-0.04	0.01	-0.11	0.04
Mgw1	0.93	-0.30	0.09	0.24	0.89	-0.22	0.16	0.32	-0.14	0.41	0.44	**1.00**	0.13	0.57	0.11	-0.11	0.65	0.63	0.76	-0.27	-0.05	0.02	-0.16	0.02	0.09
Mnw1	0.10	0.14	0.00	0.29	0.05	0.20	0.02	0.04	0.50	0.06	0.12	0.13	**1.00**	0.09	0.04	0.25	0.05	0.04	0.10	0.10	0.05	0.10	0.26	-0.28	-0.00
Naw1	0.56	-0.11	0.10	0.21	0.55	-0.24	0.17	0.20	0.01	0.42	0.29	0.57	0.09	**1.00**	0.20	0.19	0.50	0.41	0.76	-0.04	-0.06	0.12	0.04	-0.22	0.16
Niw2	0.15	0.29	0.05	0.30	0.11	-0.00	0.22	-0.04	0.13	0.10	0.21	0.11	0.04	0.20	**1.00**	0.03	0.16	0.24	0.15	0.08	0.04	0.14	0.40	-0.21	-0.16
Pw2	-0.16	0.21	0.12	0.26	-0.14	0.04	0.10	-0.05	0.41	0.08	-0.06	-0.11	0.25	0.19	0.03	**1.00**	-0.28	-0.25	0.08	0.35	0.03	0.05	0.23	-0.37	0.11
Siw1	0.70	-0.16	0.05	0.18	0.69	-0.16	0.15	0.29	-0.16	0.30	0.29	0.65	0.05	0.50	0.16	-0.28	**1.00**	0.55	0.58	-0.19	-0.03	0.13	-0.09	0.08	-0.07
SO4w1	0.69	-0.19	0.01	0.16	0.58	-0.11	0.05	0.28	-0.27	0.38	0.39	0.63	0.04	0.41	0.24	-0.25	0.55	**1.00**	0.45	-0.29	0.02	-0.03	-0.06	0.11	0.14
Srw2	0.78	-0.24	0.11	0.29	0.81	-0.24	0.24	0.27	-0.06	0.46	0.37	0.76	0.10	0.76	0.15	0.08	0.58	0.45	**1.00**	-0.22	-0.10	0.10	0.03	-0.13	0.11
Tiw2	-0.32	0.60	-0.06	0.16	-0.27	0.09	0.11	-0.16	0.48	-0.28	-0.12	-0.27	0.10	-0.04	0.08	0.35	-0.19	-0.29	-0.22	**1.00**	0.10	0.30	0.27	-0.24	-0.13
Vw2	-0.03	0.04	-0.04	0.06	-0.03	-0.02	0.04	-0.08	0.07	-0.03	0.00	-0.05	0.05	-0.06	0.04	0.03	-0.03	0.02	-0.10	0.10	**1.00**	-0.02	0.05	-0.06	0.00
Yw2	0.02	0.30	-0.03	0.17	0.01	0.05	0.23	-0.10	0.15	-0.04	-0.04	0.02	0.10	0.12	0.14	0.05	0.13	-0.03	0.10	0.30	-0.02	**1.00**	0.24	-0.14	-0.05
Znw2	-0.12	0.39	0.00	0.20	-0.16	0.10	0.35	-0.14	0.41	-0.03	0.01	-0.16	0.26	0.04	0.40	0.23	-0.09	-0.06	0.03	0.27	0.05	0.24	**1.00**	-0.32	-0.21
depth_m	0.04	-0.33	-0.03	-0.25	0.05	0.01	-0.04	0.02	-0.57	0.06	-0.11	0.02	-0.28	-0.22	-0.21	-0.37	0.08	0.11	-0.13	-0.24	-0.06	-0.14	-0.32	**1.00**	0.24
area_km2	0.09	-0.30	0.03	0.06	0.08	-0.01	-0.04	0.05	-0.22	0.32	0.04	0.09	-0.00	0.16	-0.16	0.11	-0.07	0.14	0.11	-0.13	0.00	-0.05	-0.21	0.24	**1.00**

r>|0.09| is significant at the 0.05 confidence level; r>|0.011| is significant at the 0.01 confidence level; correlations ≥0.60 are indicated in red

Table 12. Spearman correlation coefficients (r) for selected elements and variables in lake sediment with lake water data in the Schefferville area (N=471)

	pH_w	conduct	Alw2	Asw2x	Baw2	Caw1	Crw2	Cuw2	Fw9	Few1	Kw1	Liw2	Mgw1	Mnw1	Naw1	Niw2	Pw2	Siw1	SO4w1	Srw2	Tiw2	Vw2	Yw2	Znw2
Ag6	0.01	-0.03	-0.12	-0.03	-0.23	-0.06	-0.01	0.05	0.02	-0.32	0.01	-0.04	-0.06	-0.18	-0.08	0.05	-0.25	0.11	0.17	-0.10	-0.10	-0.01	-0.05	-0.05
Al2	0.08	-0.07	-0.21	-0.06	-0.16	-0.04	0.00	-0.04	0.04	-0.31	-0.01	-0.12	-0.06	-0.09	-0.10	-0.25	-0.11	-0.02	0.06	-0.15	-0.03	0.03	-0.14	-0.23
As2	0.12	0.09	-0.29	0.11	0.11	0.10	-0.01	0.09	-0.01	-0.08	0.34	-0.01	0.08	0.11	0.17	-0.02	0.15	0.03	0.07	0.24	-0.13	-0.09	0.02	0.06
Au1	0.04	-0.04	-0.07	-0.05	-0.12	-0.05	0.05	-0.04	-0.02	-0.20	-0.07	-0.10	-0.07	-0.09	-0.11	0.00	-0.20	0.12	0.18	-0.15	-0.02	-0.02	-0.09	-0.13
Ba2	0.18	0.00	-0.27	0.01	-0.06	0.05	-0.05	0.04	0.07	-0.24	0.10	-0.10	0.02	-0.03	-0.00	-0.26	0.03	-0.03	-0.02	0.02	-0.03	-0.03	-0.10	-0.19
Be2	0.20	0.12	-0.37	-0.02	-0.14	0.11	-0.02	0.06	0.09	-0.38	0.25	0.08	0.12	-0.07	0.01	-0.19	-0.14	0.11	0.25	0.07	-0.19	-0.06	-0.10	-0.18
Br1	-0.14	-0.18	0.01	-0.04	-0.21	-0.16	0.01	-0.04	-0.10	-0.10	-0.18	-0.06	-0.17	-0.26	-0.27	-0.12	-0.15	-0.25	-0.12	-0.23	-0.05	0.02	-0.15	-0.07
Ca2	0.34	0.27	-0.17	0.04	0.15	0.35	-0.10	0.03	0.06	-0.02	0.08	-0.02	0.28	0.06	0.19	-0.14	0.06	0.07	0.06	0.29	-0.05	0.05	-0.05	-0.22
Cd2	0.03	0.08	-0.18	0.03	-0.06	0.04	0.02	0.08	-0.07	-0.16	0.29	0.08	0.09	0.06	0.22	0.10	-0.08	0.15	0.19	0.18	-0.14	-0.08	0.08	0.12
Ce2	0.01	-0.03	-0.10	-0.00	-0.00	-0.04	0.02	0.10	-0.01	-0.30	0.21	-0.01	-0.10	-0.10	0.05	0.02	-0.13	0.05	0.21	-0.03	-0.11	-0.02	0.03	-0.01
Co2	0.12	0.15	-0.29	-0.01	-0.02	0.12	-0.00	-0.06	0.17	-0.23	0.14	0.13	0.15	0.04	0.04	-0.05	-0.20	0.16	0.42	0.03	-0.23	0.04	-0.21	-0.16
Cr1	0.07	-0.08	-0.18	-0.07	-0.15	-0.04	-0.01	-0.06	0.02	-0.27	-0.08	-0.18	-0.09	-0.11	-0.10	-0.26	-0.15	-0.01	0.07	-0.18	-0.01	0.08	-0.17	-0.27
Cs1	0.17	0.05	-0.25	-0.03	-0.26	0.05	-0.04	0.03	0.13	-0.30	0.02	-0.00	0.05	-0.12	-0.02	-0.25	-0.11	0.08	0.14	-0.01	-0.05	-0.04	-0.13	-0.20
Cu2	-0.04	-0.09	0.04	-0.05	-0.08	-0.09	0.03	0.05	-0.06	-0.33	0.01	-0.12	-0.17	-0.27	-0.03	0.19	-0.28	0.09	0.23	-0.13	-0.07	0.01	-0.00	-0.03
Dy2	0.14	0.12	-0.23	-0.04	-0.12	0.10	-0.02	0.07	0.03	-0.43	0.26	0.08	0.07	-0.15	0.12	0.04	-0.30	0.24	0.41	0.08	-0.24	-0.04	-0.02	-0.11
F9	0.18	0.03	-0.29	0.06	-0.07	0.06	-0.06	0.11	0.04	-0.29	0.17	-0.04	0.06	-0.05	-0.03	-0.21	0.01	-0.02	-0.00	0.02	-0.05	0.02	-0.07	-0.15
Fe2	0.16	0.22	-0.36	-0.02	0.03	0.17	0.03	-0.02	0.11	-0.22	0.28	0.11	0.19	0.14	0.03	-0.04	-0.18	0.21	0.39	0.07	-0.26	0.02	-0.12	-0.14
Hf1	0.15	0.03	-0.28	0.00	-0.07	0.04	-0.02	0.02	0.01	-0.23	0.19	-0.02	0.06	0.02	0.06	-0.25	0.07	-0.05	0.01	0.07	-0.04	-0.03	-0.04	-0.18
K2	0.19	0.02	-0.30	0.01	-0.12	0.05	-0.04	0.05	0.05	-0.27	0.11	-0.06	0.05	-0.03	-0.01	-0.28	0.03	-0.01	0.00	0.02	-0.04	-0.02	-0.08	-0.19
La1	0.20	0.11	-0.20	0.04	-0.01	0.12	-0.02	0.15	-0.03	-0.36	0.33	0.01	0.06	-0.10	0.12	-0.03	-0.10	0.12	0.23	0.15	-0.14	-0.04	0.05	-0.03
LOI	-0.25	-0.20	0.15	0.05	0.02	-0.19	0.08	-0.05	-0.14	0.24	-0.14	-0.06	-0.20	0.03	-0.27	0.02	0.11	-0.32	-0.25	-0.17	0.05	0.03	-0.08	0.13
Mg2	0.18	0.02	-0.28	-0.02	-0.07	0.06	-0.05	-0.05	0.04	-0.24	0.05	-0.13	0.05	-0.03	0.01	-0.25	-0.03	0.02	0.04	-0.02	-0.04	0.06	-0.14	-0.28
Mn2	0.32	0.24	-0.49	-0.00	-0.02	0.25	0.00	0.02	0.12	-0.25	0.27	0.08	0.28	0.20	0.11	-0.18	-0.11	0.20	0.23	0.19	-0.24	0.04	-0.11	-0.23
Mo2	-0.02	-0.08	-0.27	0.07	-0.11	-0.08	0.08	-0.05	-0.08	-0.17	0.18	-0.14	-0.08	-0.02	0.01	-0.12	0.04	-0.09	-0.09	0.04	-0.12	-0.06	-0.05	-0.02
Na2	0.14	0.01	-0.27	0.03	0.01	0.05	-0.01	0.01	0.01	-0.10	0.14	-0.09	0.05	0.11	0.11	-0.24	0.15	-0.06	-0.07	0.10	-0.01	0.01	-0.04	-0.15
Nb2	0.15	0.13	-0.35	0.02	0.03	0.11	0.01	0.02	0.06	-0.22	0.29	0.05	0.12	0.13	0.01	-0.11	-0.06	0.11	0.21	0.05	-0.16	0.08	-0.08	-0.14
Ni2	0.12	0.15	-0.25	-0.02	-0.01	0.12	0.01	0.00	0.09	-0.29	0.19	0.07	0.12	-0.01	0.06	0.09	-0.25	0.21	0.45	0.04	-0.26	0.02	-0.16	-0.10
P2	-0.12	-0.25	-0.11	0.00	-0.09	-0.22	0.04	0.00	-0.08	-0.18	-0.05	-0.15	-0.24	-0.11	-0.22	-0.09	-0.12	-0.19	-0.06	-0.32	-0.02	-0.01	-0.13	-0.17
Pb2	0.06	0.01	-0.29	-0.03	-0.13	-0.02	-0.00	0.11	0.05	-0.28	0.23	0.02	-0.05	-0.03	-0.01	-0.02	-0.07	0.03	0.18	0.06	-0.18	-0.10	-0.06	0.05
Rb2	0.19	0.02	-0.28	-0.02	-0.17	0.05	-0.06	0.04	0.07	-0.29	0.07	-0.06	0.04	-0.07	-0.03	-0.27	-0.03	0.02	0.04	-0.01	-0.04	-0.01	-0.11	-0.21
Sb1	-0.01	-0.07	-0.20	-0.00	-0.13	-0.10	0.06	0.05	-0.13	-0.24	0.22	-0.09	-0.05	-0.02	0.09	-0.04	0.03	-0.02	0.08	0.03	-0.05	-0.07	0.02	0.03
Sc2	0.07	-0.04	-0.19	-0.07	-0.16	-0.01	-0.02	-0.10	0.06	-0.30	-0.09	-0.14	-0.06	-0.12	-0.08	-0.21	-0.21	0.04	0.15	-0.18	-0.06	0.07	-0.17	-0.30
Sm1	0.15	0.10	-0.16	0.00	-0.08	0.09	-0.04	0.10	0.02	-0.40	0.21	0.04	0.04	-0.17	0.13	-0.01	-0.23	0.18	0.35	0.08	-0.17	-0.05	0.01	-0.08
Sr2	0.21	0.08	-0.27	0.06	0.02	0.14	-0.06	0.03	0.03	-0.10	0.15	-0.07	0.11	0.08	0.21	-0.20	0.14	-0.03	-0.06	0.28	-0.04	-0.06	-0.02	-0.11
Th1	0.19	0.05	-0.25	0.02	-0.12	0.07	-0.08	0.07	0.05	-0.33	0.08	-0.05	0.05	-0.12	-0.01	-0.22	-0.08	0.01	0.10	-0.00	-0.09	-0.05	-0.10	-0.22
Ti2	0.09	-0.08	-0.22	-0.03	-0.08	-0.04	-0.01	-0.07	0.04	-0.20	0.00	-0.14	-0.06	-0.02	-0.04	-0.26	-0.01	-0.05	-0.01	-0.11	0.02	0.08	-0.13	-0.25
U1	0.25	0.27	-0.34	0.05	-0.01	0.21	-0.00	0.11	0.01	-0.36	0.45	0.09	0.26	0.04	0.16	-0.03	-0.07	0.17	0.30	0.26	-0.22	-0.10	0.03	-0.03
V2	0.07	-0.06	-0.26	-0.05	-0.15	-0.05	0.02	-0.07	0.02	-0.29	0.01	-0.14	-0.05	-0.05	-0.09	-0.23	-0.10	-0.00	0.08	-0.15	-0.05	0.06	-0.14	-0.26
Y2	0.18	0.12	-0.29	0.01	-0.13	0.10	-0.02	0.10	-0.02	-0.42	0.30	0.06	0.10	-0.13	0.17	-0.03	-0.21	0.20	0.32	0.14	-0.22	-0.03	-0.01	-0.11
Yb1	0.10	0.03	-0.25	-0.03	-0.11	0.01	0.02	0.07	-0.04	-0.36	0.24	-0.05	-0.01	-0.09	0.08	-0.06	-0.15	0.11	0.24	0.02	-0.16	-0.01	-0.03	-0.08
Zn2	0.10	0.07	-0.23	0.01	-0.12	0.06	-0.02	0.06	0.05	-0.22	0.21	0.03	0.05	-0.00	0.17	0.04	-0.14	0.19	0.30	0.16	-0.17	-0.06	-0.05	0.09
Zr2	0.20	0.05	-0.31	0.03	-0.10	0.06	-0.07	0.07	0.02	-0.31	0.22	-0.04	0.07	-0.03	0.08	-0.22	0.03	0.03	0.06	0.09	-0.07	-0.04	-0.04	-0.18

r>|0.09| is significant at the 0.05 confidence level; r>|0.012| is significant at the 0.01 confidence level; correlations ≥0.30 are indicated in red

most distributions more closely approximate log distributions than arithmetic ones. An exception is that of LOI. The histogram bars are colour coded to mirror the dot colours in the corresponding dot map. The probability plots allow the reader to determine what percentile ranges apply to each symbol class. Inflections in the curve reflect underlying breaks in the population.

The distribution maps of the remaining elements and variables in the Winokapau Lake and Schefferville areas, which are not discussed below, are shown in Appendices 3 and 4 in alphabetical order without discussion. The distribution maps of the remaining Winokapau elements and variables are shown in Figures 39–109 (Appendix 3). The maps of the remaining Schefferville elements and variables are shown in Figures 110–182 (Appendix 4). Elements with all or most of the analyses below detection limit are not included.

Winokapau Lake Area

The locations of sample sites, identified with the last 4 digits of a sample's field number, are shown in relation to bedrock geology and 1:50 000-scale drainage features in Figure 9. The geological data are from the digital 1:100 000 geology map of Wilson Lake area (Thomas *et al.*, 2000). References to NTS map areas will be made frequently.

Winokapau Lake Area – Lake-sediment Data

Loss-on-ignition (LOI) and Iron

Symbol plots of the distribution of LOI and iron (Fe2) are shown in Figures 10 and 11. The plot of LOI is different than most others in that the intervals are based not on the Jenks' distribution but on quantile divisions of the data. In this case each of the five symbol intervals includes 20% of the data. LOI is shown because, like iron, it can be regarded as an environmental parameter influencing the element content in sediment unrelated to bedrock source.

The distribution of iron (Fe2) in lake sediment might be regarded as a proxy for oxidizing conditions in the water column and the lake bottom. Unusually high iron likely indicates conditions that encourage precipitation of iron (hydr)oxides; these oxides often act as 'sinks' for some metals, particularly Co and Zn. High sediment contents of metals that show a strong correlation with Fe should be interpreted in light of the iron content of the sediment (Table ?).

Uranium

The distribution of uranium (U1) is shown in Figure 12. The histogram shows the distribution to be skewed positively with ranges coded green through red deviating from a Normal population. Most of the samples in the upper range plot in distinct spatial clusters; one is located in NTS map area 13E/02 and another in 13E/01. Both overlie quartzofeldspathic paragneiss (unit Apm). The highest value, 163 ppm, is found in the western cluster. The second highest value (133 ppm) is from an isolated sample from a small lake straddling the contact of an orthogneiss (Pogn) and a paragneiss (Apm).

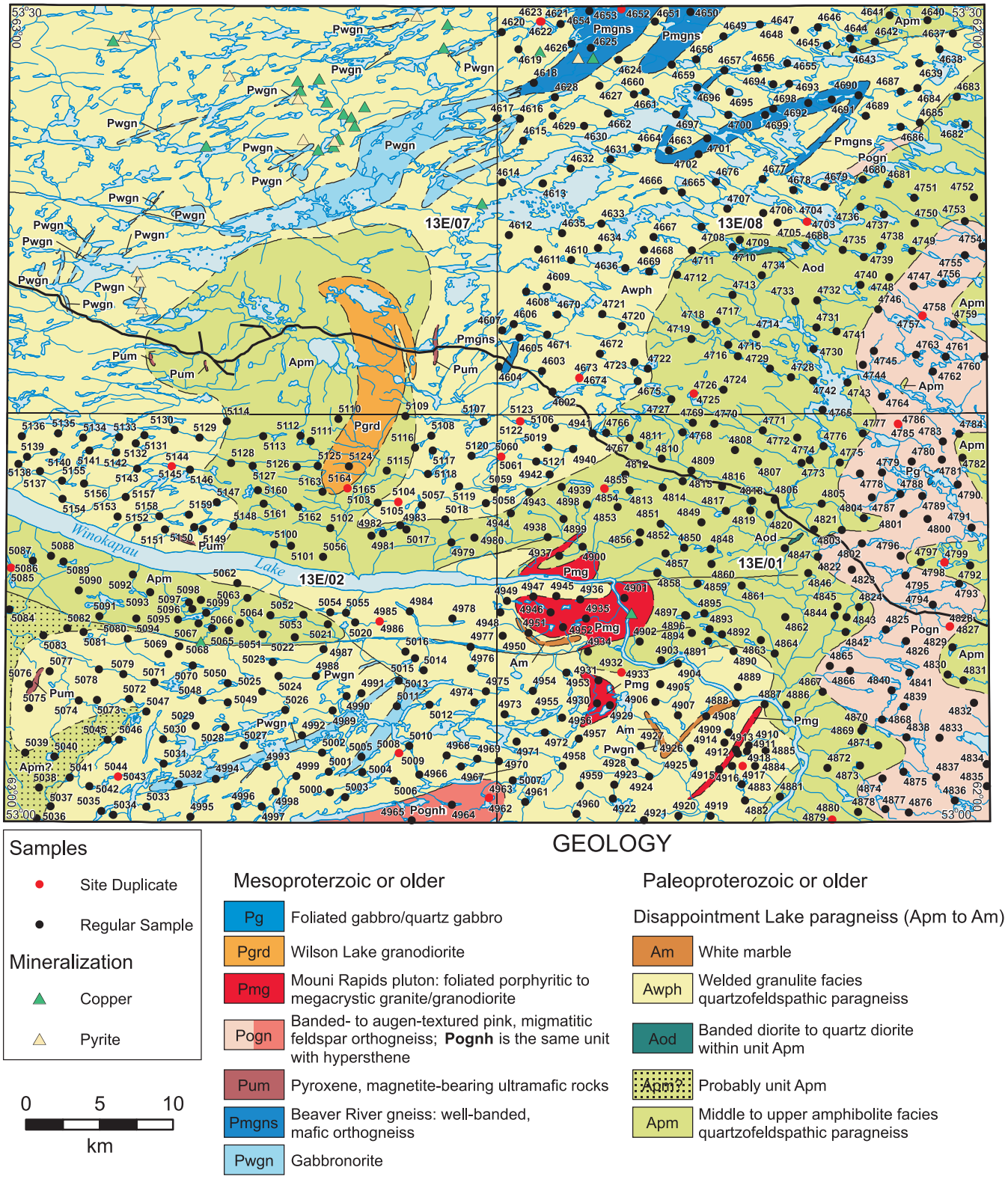


Figure 9. *Sample locations, geology and 1:50 000-scale drainage in theWinokapau Lake area in NTS map areas 13E/01, 02 and 08.*

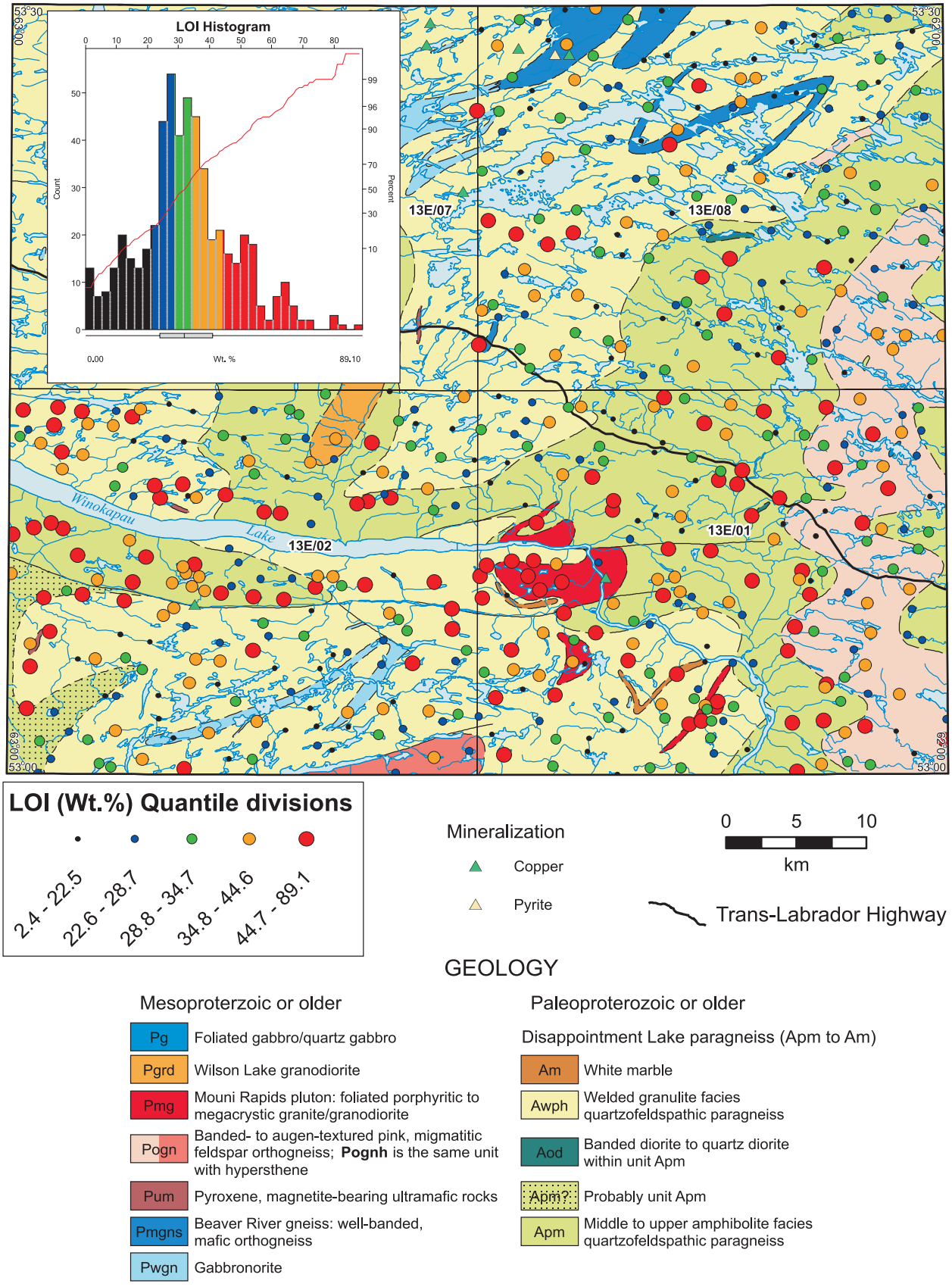


Figure 10. *Loss-on-ignition (LOI) in lake sediment in the Winokapau Lake area.*

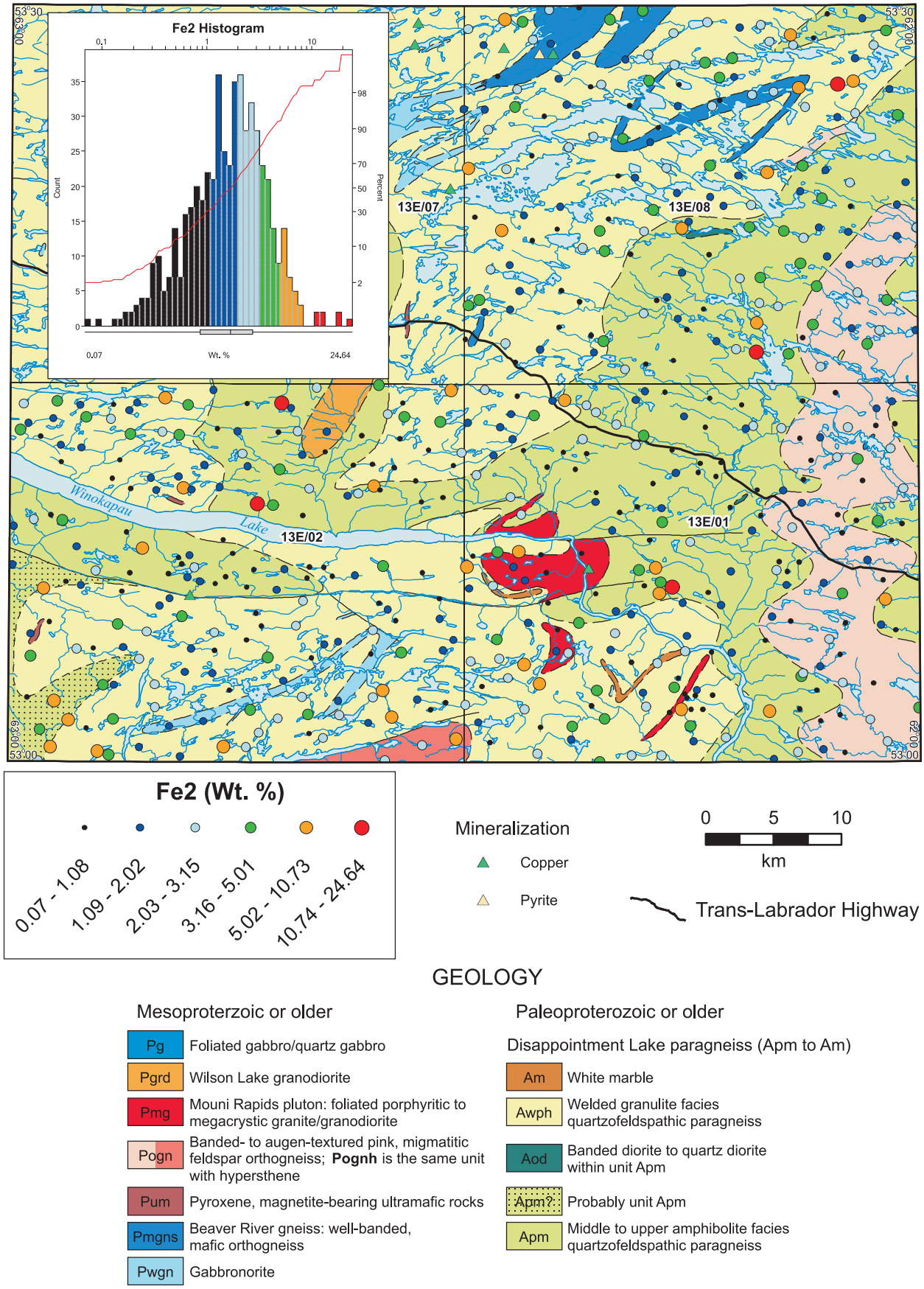


Figure 11. *Iron (Fe2) in lake sediment in the Winokapau Lake area.*

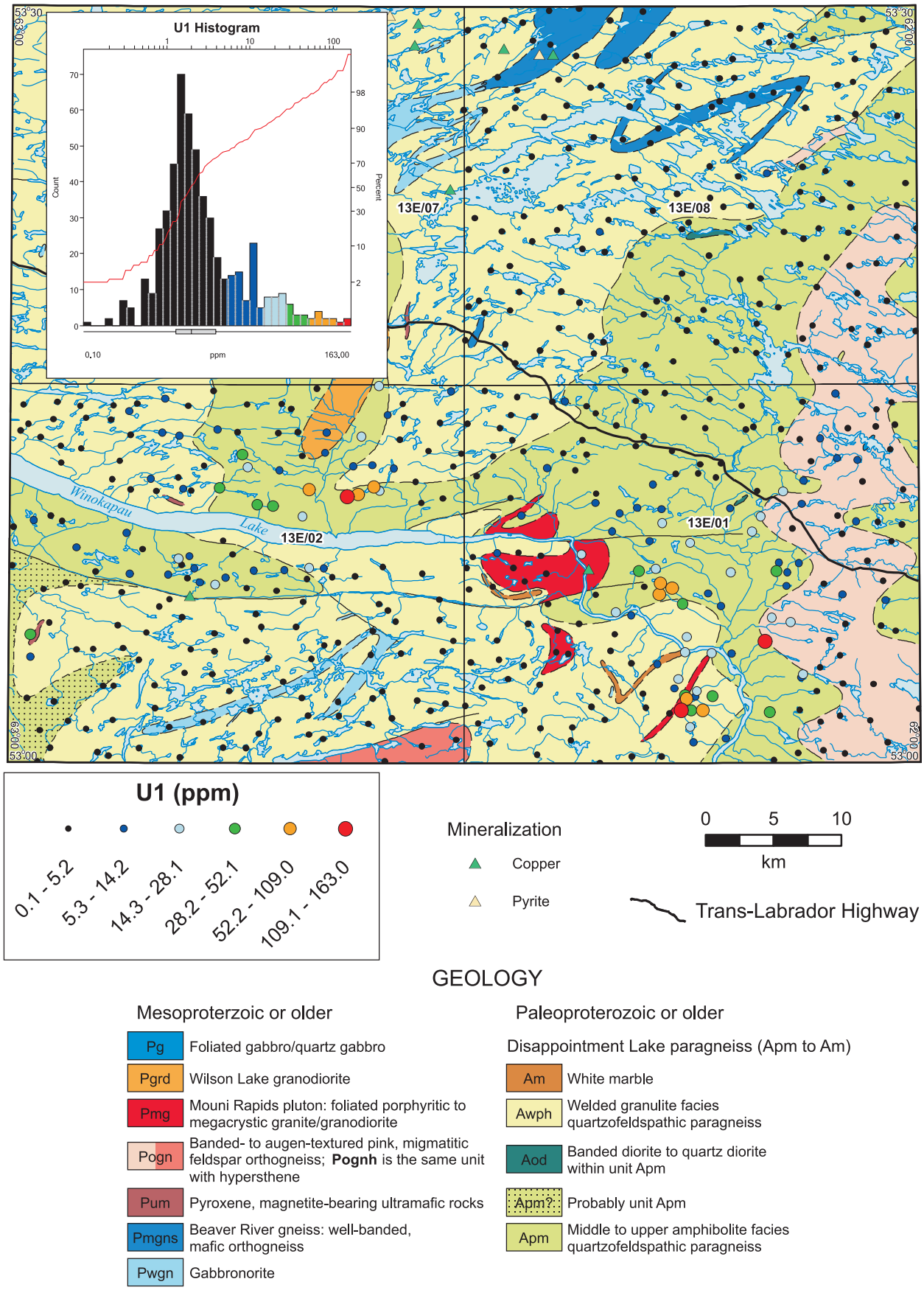


Figure 12. *Uranium (U1) in lake sediment in the Winokapau Lake area.*

Gold

The distribution of gold (Au1) is shown in Figure 13. The gold values are quite low in the Winokapau area and the high and elevated values are scattered through the three NTS areas sampled. The highest two values are only 9 and 7 ppb found in NTS map areas 13E/1 and 13E/8 respectively. The first sample is from a lake that overlies marble (Am) with additional drainage from the quartzofeldspathic paragneiss (Awph). The second sample is from a lake overlying migmatitic feldspar orthogneiss (Pogn). In some other areas, arsenic and/or antimony act as pathfinders for gold mineralization. However, Table 7 indicates that there is only a very weak statistical correlation (0.10) between gold and arsenic (As2) and no significant correlation (0.08) with antimony (Sb1). Plots of these elements may be found in Appendix 3.

Base Metals

The base metals copper (Cu2) and molybdenum (Mo2) are plotted in Figures 14 and 15. There is one very high copper value (1068 ppm) with two nearby elevated values located in NTS map 13E/1. The high copper value is the highest in the survey and coincides with the highest copper-in-water analysis. Together, these analyses suggest the presence of hitherto unrecognized copper mineralization in the catchment basin. There is also a sample with elevated copper (216 ppm) from a lake in NTS `map area 13E/2. All samples are from lakes overlying quartzofeldspathic paragneiss (Apm). The high and elevated values plot as distinct outliers in the histogram in Figure 14.

Most values of molybdenum are below the detection limit of 1 ppm. The two samples with the highest values, 8 and 9 ppm, are in adjacent lakes in NTS map area 13E/8 overlying paragneiss (Awph). Samples with elevated values are from lakes in all three NTS areas and overlie various rock types.

Chromium

The distribution of chromium (Cr1) is shown in Figure 16. A cluster of six high and elevated values is found in NTS area 13E/2. Five of the samples are from lakes overlying paragneiss Unit APM and one sample is from a lake overlying paragneiss Unit Awph. The sample with the highest chromium value (300 ppm) is found in a lake overlying paragneiss Unit Awph in NTS map rea 13E/8. Thirteen other samples with elevated values are found scattered or loosely clustered throughout the survey area. The histogram and cumulative frequency curve both show a distinct break corresponding to the high interval.

Winokapau Lake Area – Lake-water Data

pHw

The distribution of the pH of water samples is shown in Figure 17. The intervals are based on 5 quantile divisions rather the Jenks' algorithm. Values in a general way reflect the nature of the bedrock underlying the catchment basins of the samples. Many of the most acidic samples

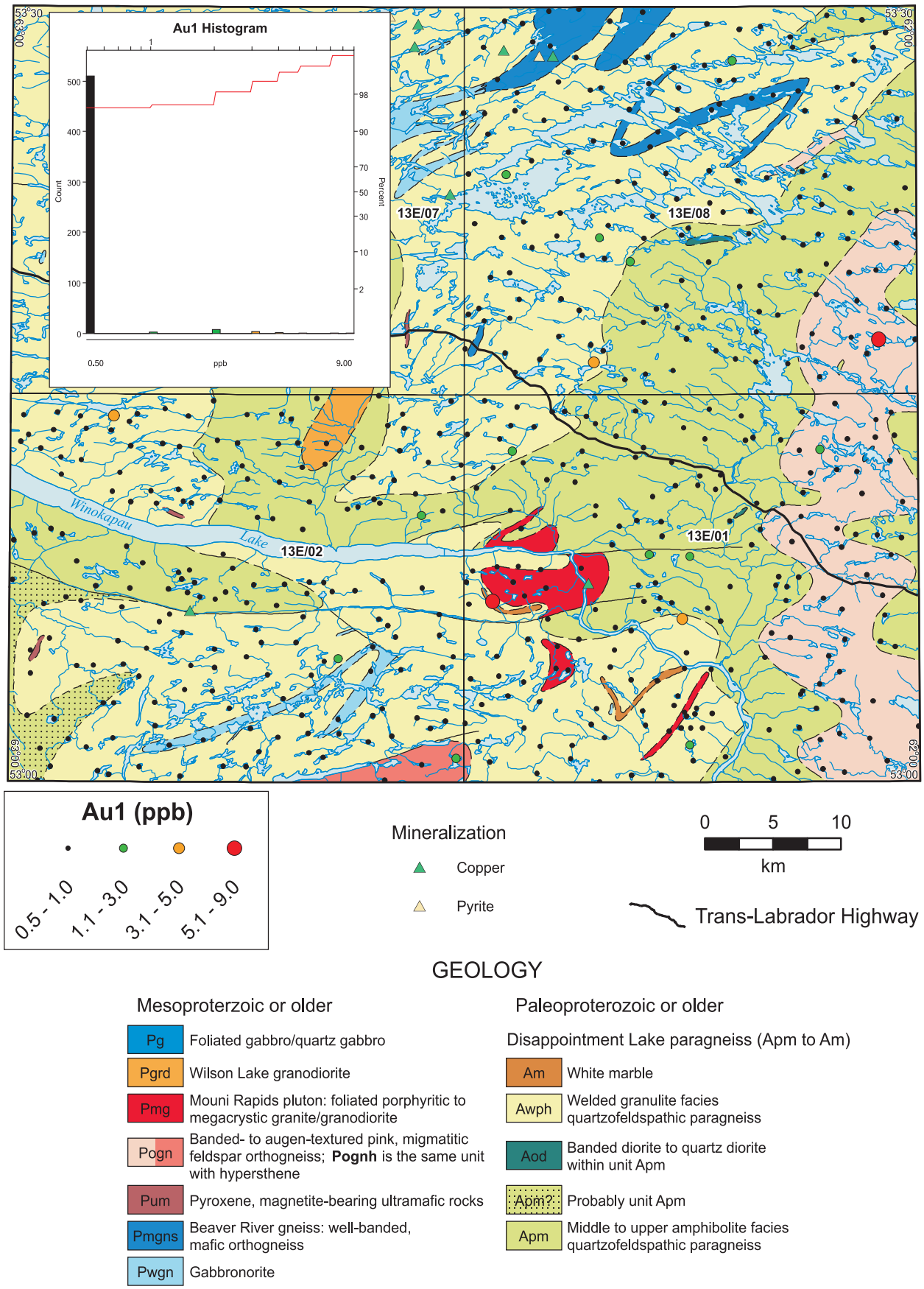
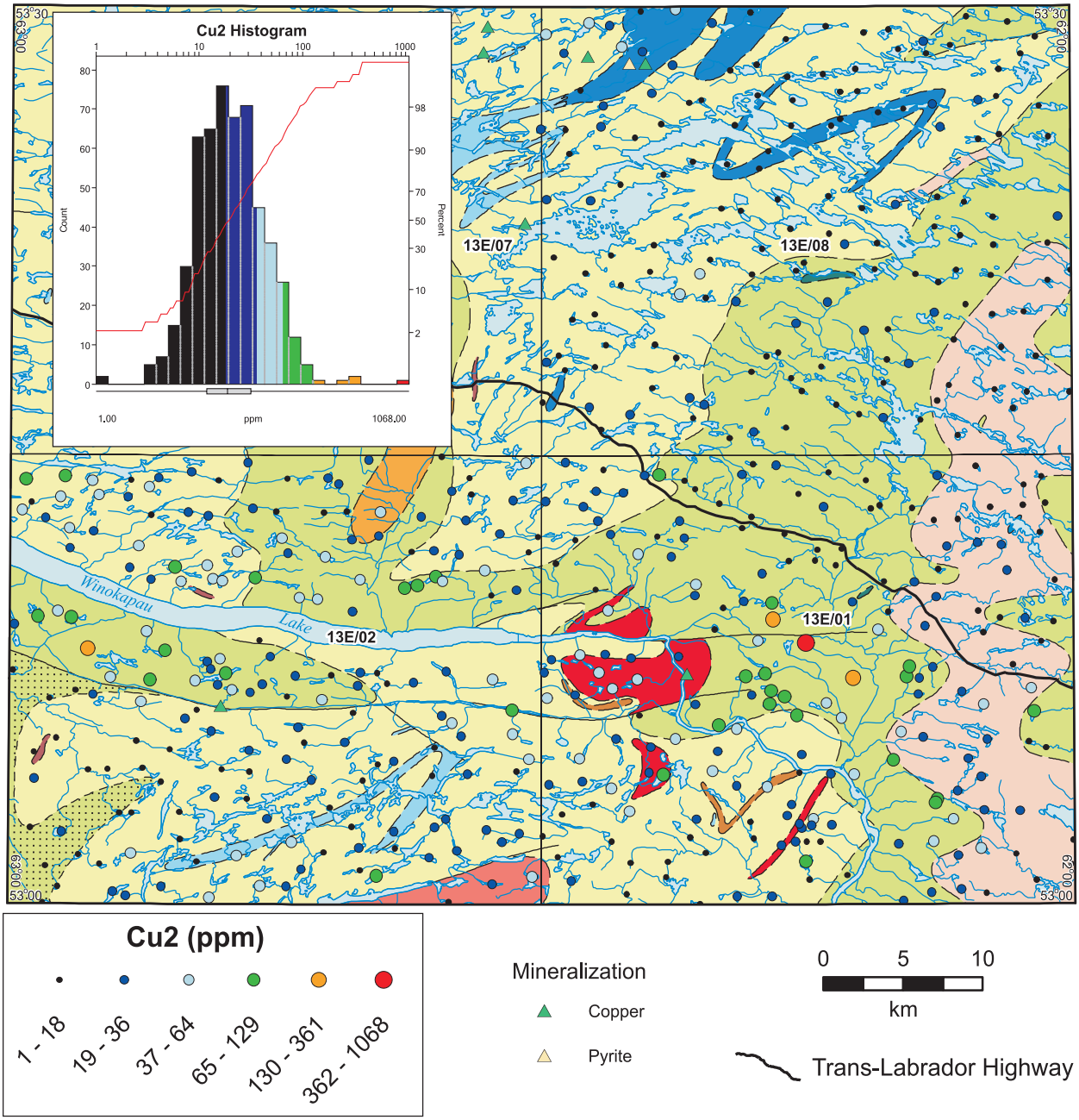


Figure 13. *Gold (Au1) in lake sediment in the Winokapau Lake area.*



Cu2 (ppm)

- 1 - 18
- 19 - 36
- 37 - 64
- 65 - 129
- 130 - 361
- 362 - 1068

Mineralization

- Copper
- Pyrite

0 5 10 km

Trans-Labrador Highway

GEOLOGY

Mesoproterzoic or older

- Pg — Foliated gabbro/quartz gabbro
- Pgrd — Wilson Lake granodiorite
- Pmg — Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
- Pogn — Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
- Pum — Pyroxene, magnetite-bearing ultramafic rocks
- Pmgns — Beaver River gneiss: well-banded, mafic orthogneiss
- Pwgn — Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

- Am — White marble
- Awph — Welded granulite facies quartzofeldspathic paragneiss
- Aod — Banded diorite to quartz diorite within unit Apm
- Apm? — Probably unit Apm
- Apm — Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 14. *Copper (Cu2) in lake sediment in the Winokapau Lake area.*

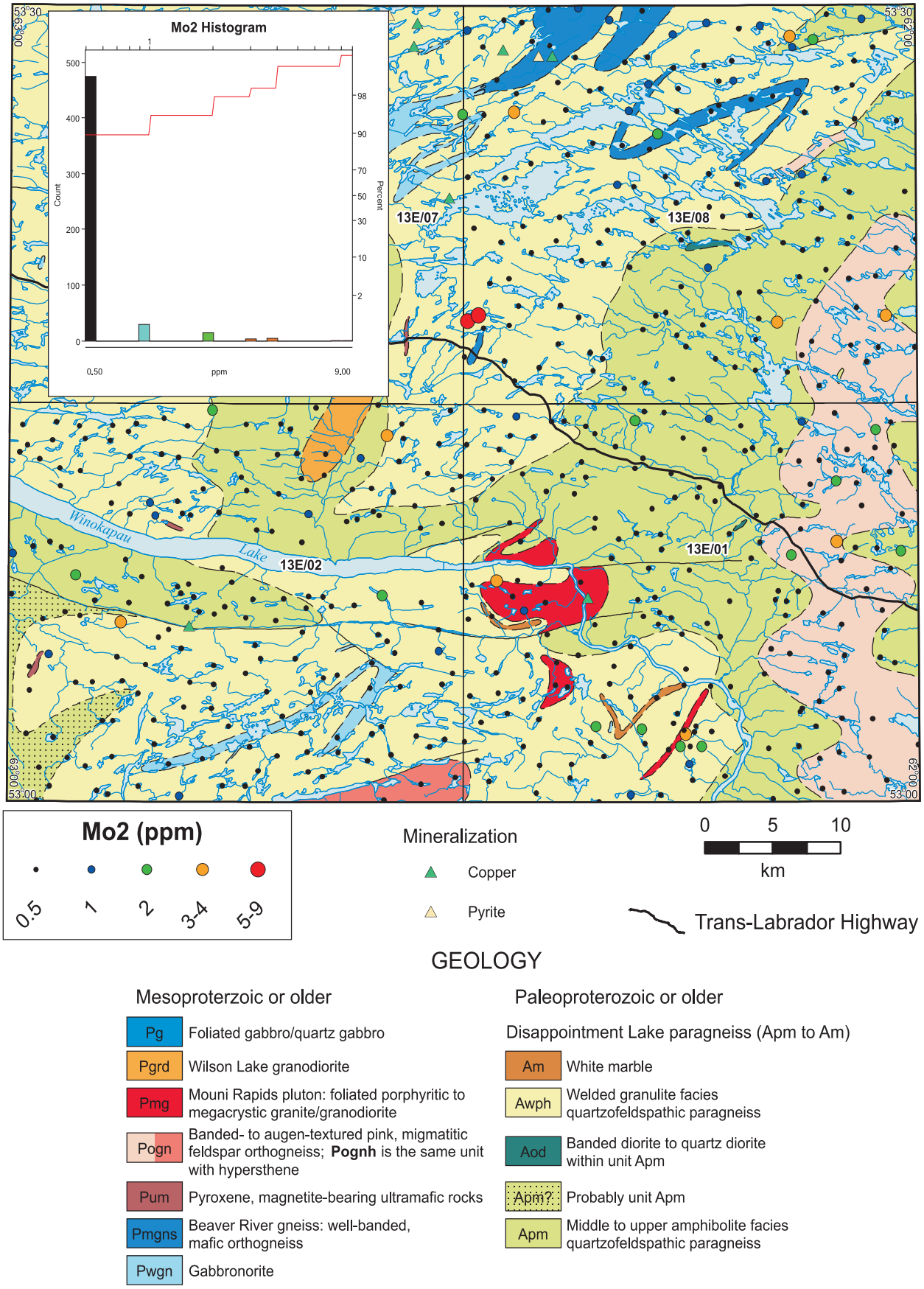
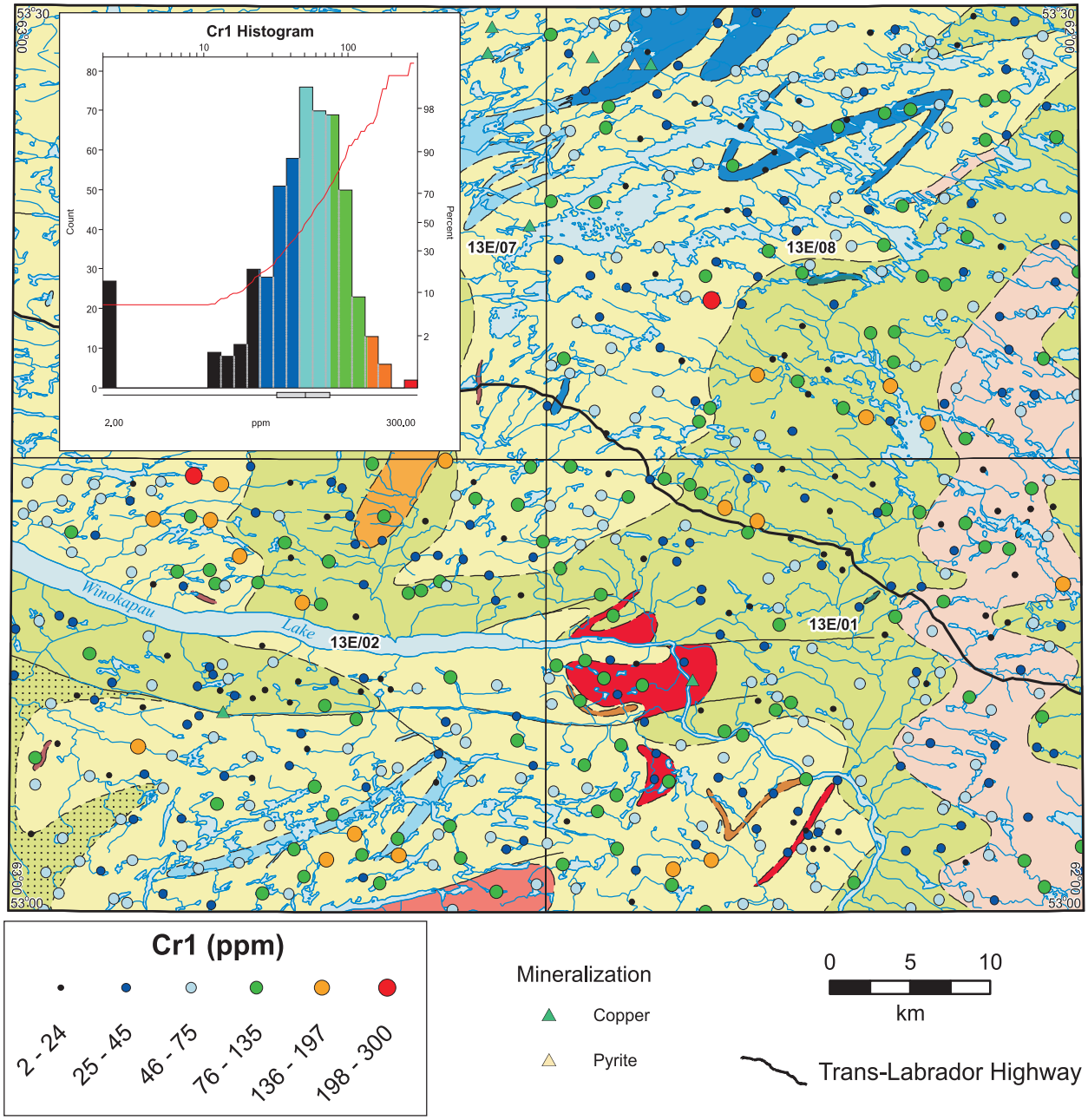


Figure 15. *Molybdenum (Mo2) in lake sediment in the Winokapau Lake area.*



Cr1 (ppm)

2 - 24
25 - 45
46 - 75
76 - 135
136 - 197
198 - 300

Mineralization

Copper

Pyrite

0 5 10
km

Trans-Labrador Highway

GEOLOGY

Mesoproterzoic or older

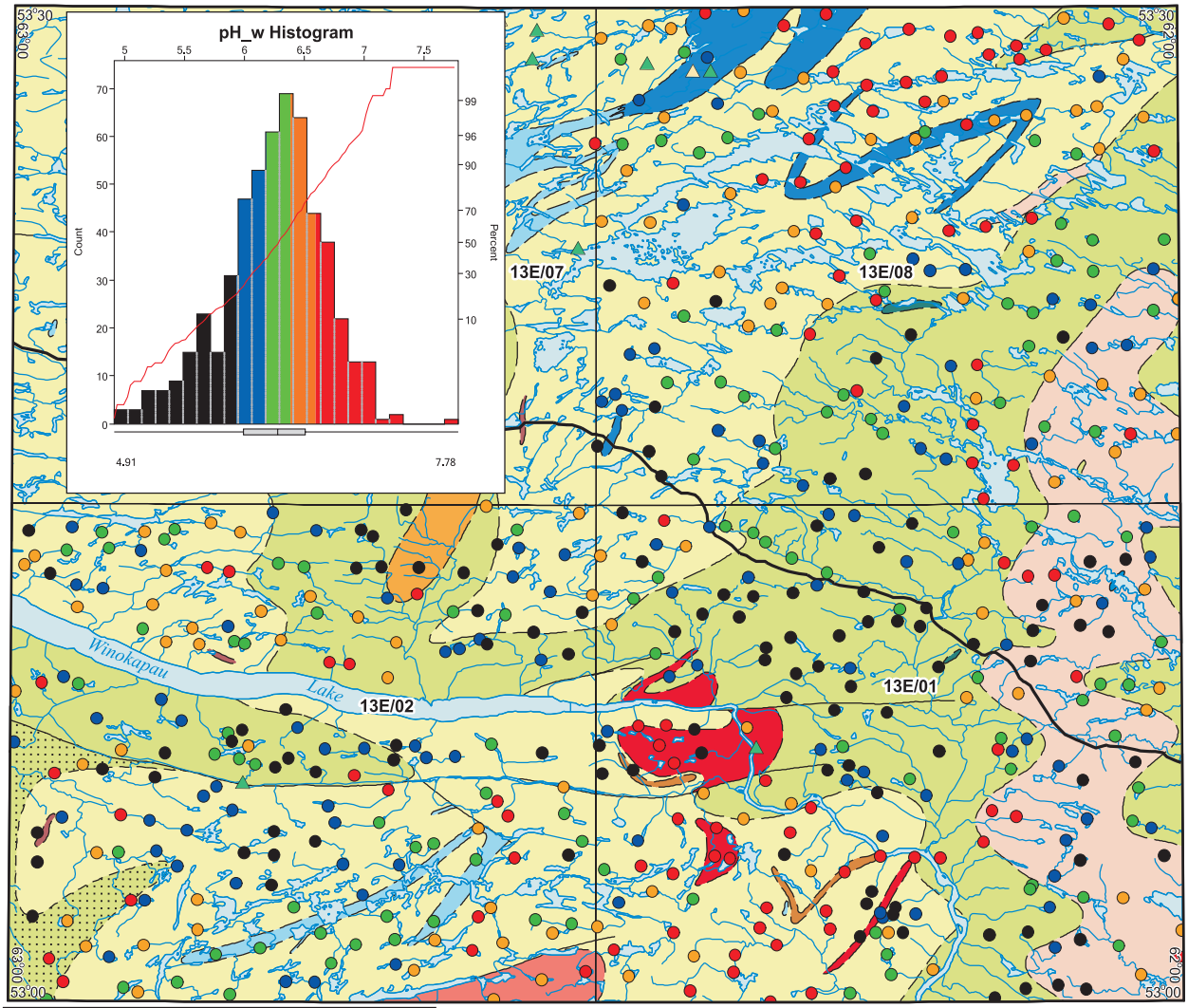
Pg	Foliated gabbro/quartz gabbro
Pgrd	Wilson Lake granodiorite
Pmg	Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
Pogn	Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
Pum	Pyroxene, magnetite-bearing ultramafic rocks
Pmgns	Beaver River gneiss: well-banded, mafic orthogneiss
Pwgn	Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

Am	White marble
Awph	Welded granulite facies quartzofeldspathic paragneiss
Aod	Banded diorite to quartz diorite within unit Apm
Apm?	Probably unit Apm
Apm	Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 16. *Chromium (Cr1) in lake sediment in the Winokapau Lake area.*



pH_w (quantile divisions)

- 4.91 - 5.93
- 5.94 - 6.18
- 6.19 - 6.38
- 6.39 - 6.59
- 6.60 - 7.78

Mineralization

- Copper
- Pyrite

0 5 10 km

Trans-Labrador Highway

GEOLOGY

Mesoproterozoic or older

- Pg — Foliated gabbro/quartz gabbro
- Pgrd — Wilson Lake granodiorite
- Pmg — Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
- Pogn — Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
- Pum — Pyroxene, magnetite-bearing ultramafic rocks
- Pmgns — Beaver River gneiss: well-banded, mafic orthogneiss
- Pwgn — Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

- Am — White marble
- Awph — Welded granulite facies quartzofeldspathic paragneiss
- Aod — Banded diorite to quartz diorite within unit Apm
- Apm? — Probably unit Apm
- Apm — Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 17. *pH (pH_w) of lake water in the Winokapau Lake area.*

(pH<5.94) are found in lakes overlying the paragneiss of Unit Apm in NTS map areas 13E/1 and 13E/2. Samples overlying Unit Apm in 13E/8 tend to more alkaline. Some of the most alkaline samples (pH >6.59) are found over the paragneiss of Unit Awph in the northern part of NTS map area 13E/8 and in the southern part of 13E/1. The waters obtained over the Beaver River gneiss (Unit Pmgns) and the marble (Unit Am) are also relatively alkaline.

Conductivity

The distribution of conductivity (Figure 18) shows some grouping of values by rock type. The histogram and breaks in the cumulative frequency curve show that the two highest intervals form outliers at the high end of the distribution. Sample values belonging to the highest two intervals as shown by the red and orange dots, are located primarily over and down-ice of the marble unit (Am) in NTS map area 13E/1. This suggests that glacial dispersion toward the east may have been significant in this area or that marble subcrops and outcrops may occur farther to the east than is indicated by bedrock mapping. Interestingly, the most conductive sample (58 μC), shown by the red dot, is also the most alkaline sample with a pH of 7.78.

A cluster of moderately conductive samples, dominated by green dots, is located in the north of NTS map area 13E/8 overlying paragneiss of Unit Awph and the Beaver Gneiss (Unit Pmgns).

Calcium

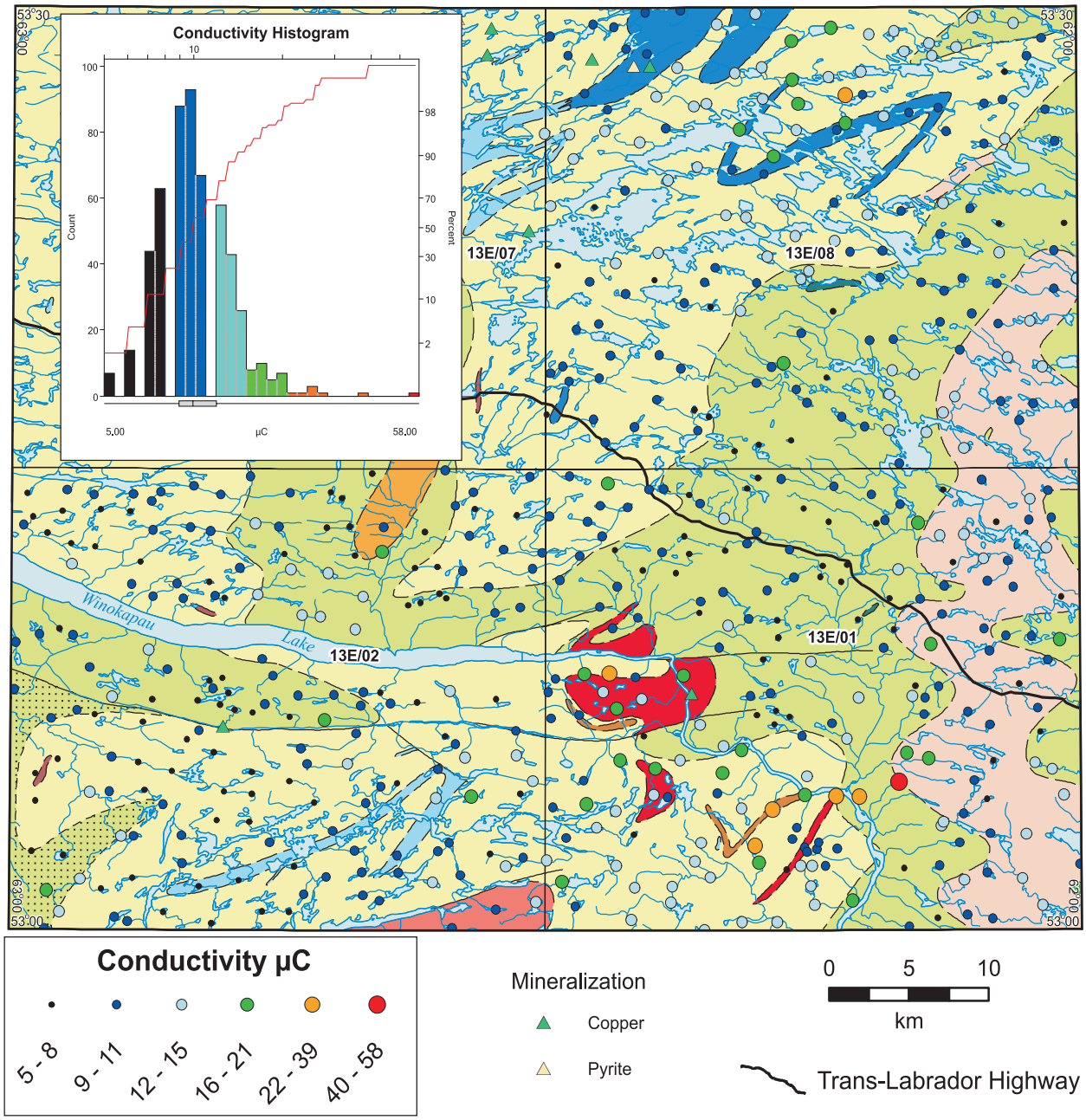
The distribution of calcium in water is shown in Figure 19. It is remarkably similar to that of conductivity and reinforces the hypothesis that water values to the east of the mapped marble in NTS area 13E/1 are derived in part either from till transported to the east or from unmapped marble bedrock.

Uranium

The distribution of uranium in water (Uw3) is shown in Figure 20. The focus of elevated and high values is similar to that of the distribution of uranium in sediment (Figure 12). There is a cluster in NTS area 13E/2 over paragneiss unit Apm and in 13E/1 over paragneiss unit Pwgn and over the Mouni Rapids pluton, Pmg. There is also an isolated high value sample (1.7 ppb Uw3) over the main outcrop of the pluton about 13 km northwest of the southern cluster. The three-sample cluster of elevated uranium in sediment values overlying Unit Apm in NTS area 13E/1 has a corresponding anomaly of slightly lower values (green dots) in the plot of uranium in water.

Copper

The distribution of copper in water (Cuw2) is shown in Figure 21. The most interesting feature is the three-sample cluster of one high, and two elevated, copper values in NTS map area 13E/1.The high copper value (9.7 ppb) is the highest analysis in the entire survey. Copper values in sediment samples from these three sites also plot in corresponding high and elevated intervals (Figure 14). Three samples with elevated values are located in NTS map area 13E/2. Two of



GEOLOGY

Mesoproterozoic or older

Pg	Foliated gabbro/quartz gabbro
Pgrd	Wilson Lake granodiorite
Pmg	Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
Pogn	Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
Pum	Pyroxene, magnetite-bearing ultramafic rocks
Pmgns	Beaver River gneiss: well-banded, mafic orthogneiss
Pwgn	Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

Am	White marble
Awph	Welded granulite facies quartzofeldspathic paragneiss
Aod	Banded diorite to quartz diorite within unit Apm
Apm?	Probably unit Apm
Apm	Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 18. *Conductivity of lake water in the Winokapau Lake area.*

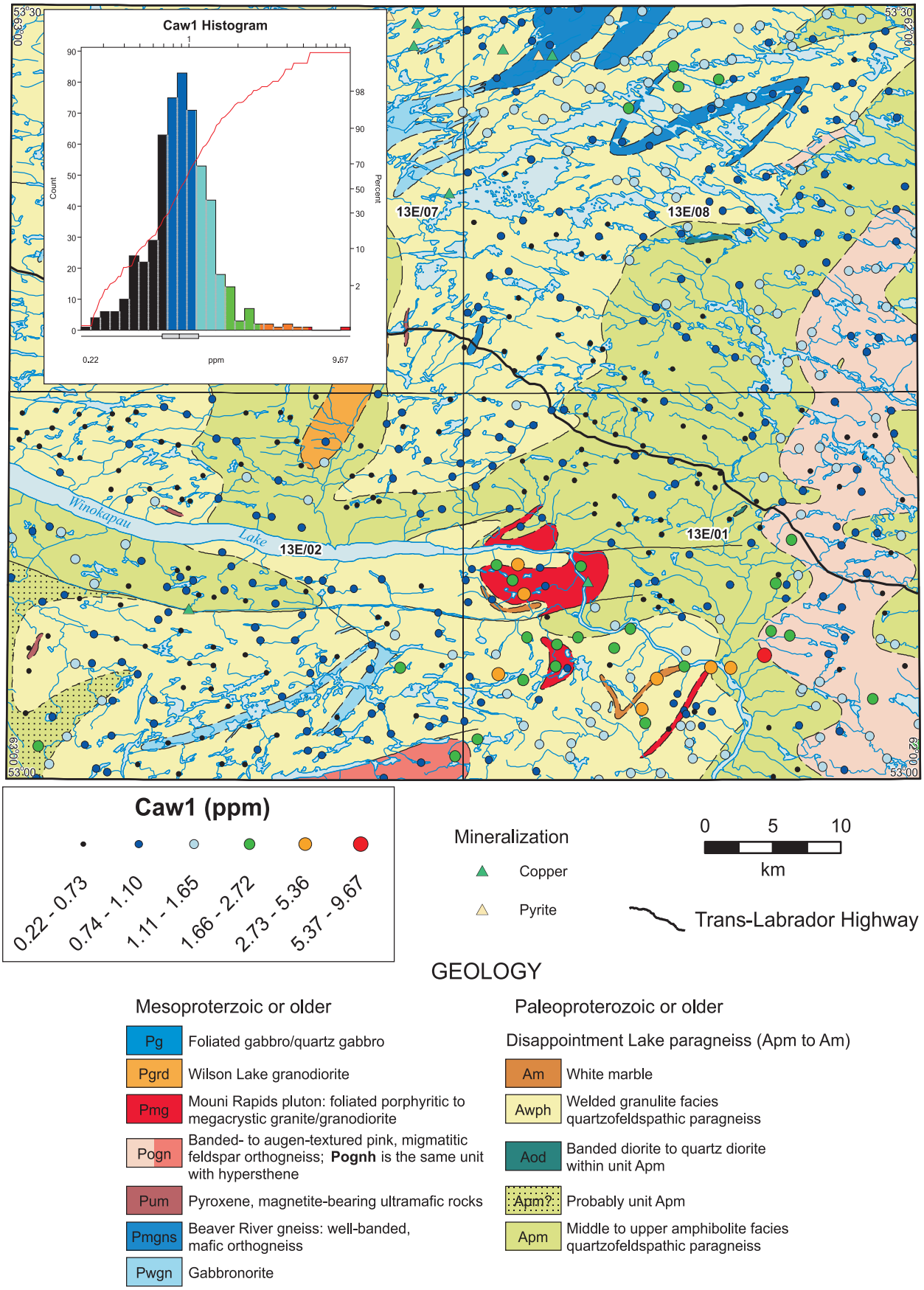


Figure 19. *Calcium (Caw1) in lake water in the Winokapau Lake area.*

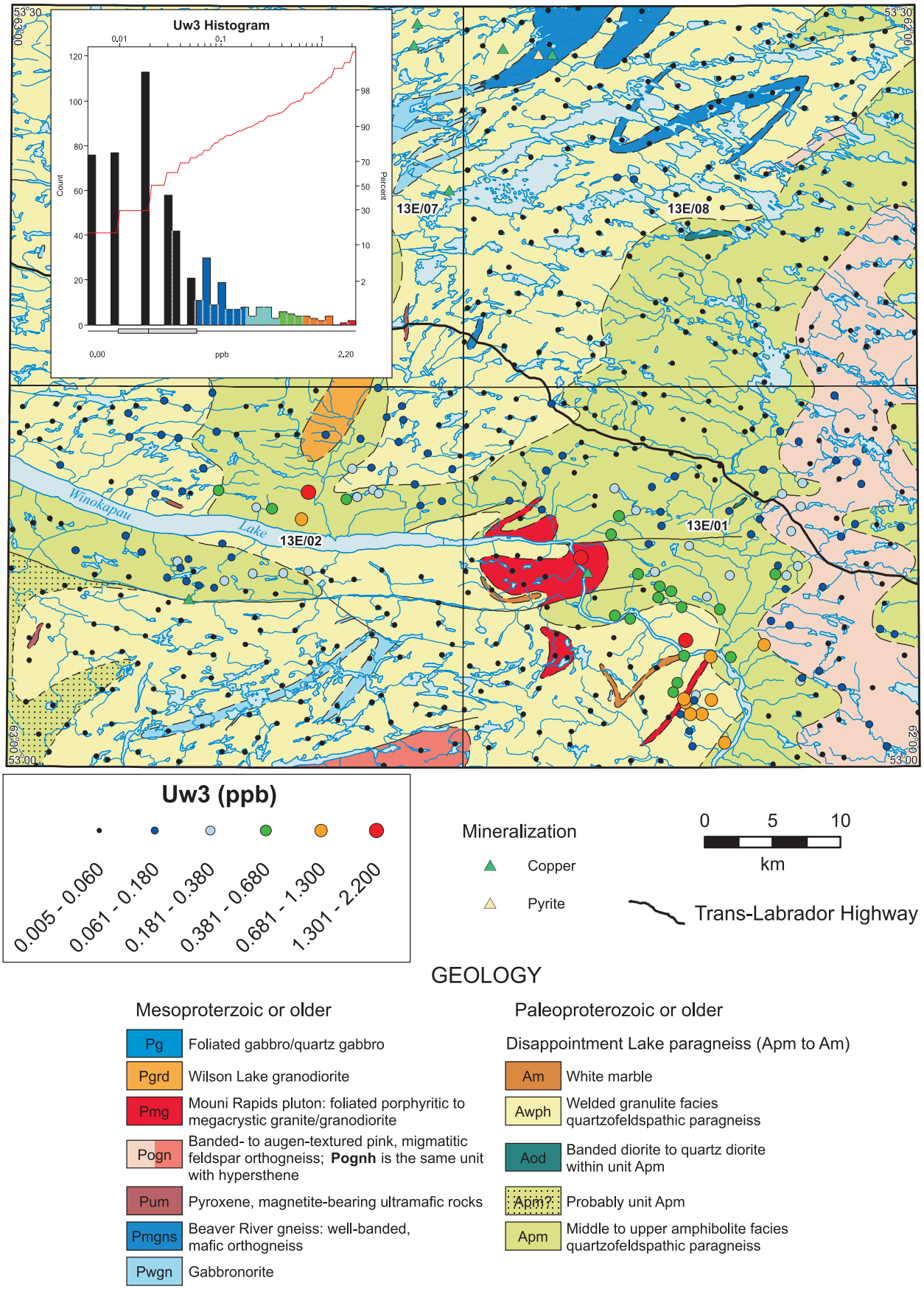
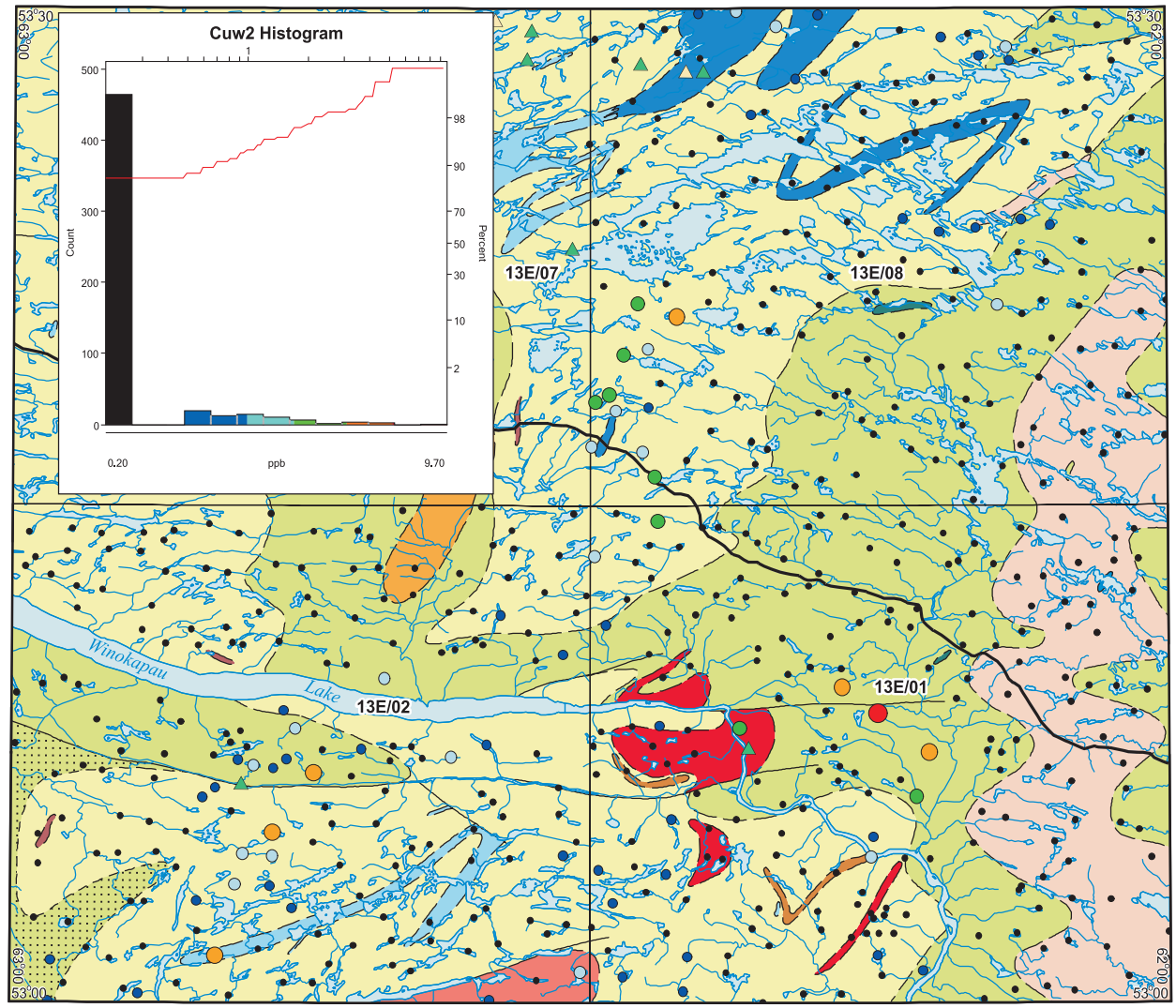


Figure 20. *Uranium (Uw3) in lake water in the Winokapau Lake area.*



Cuw2 (ppb)

0.2 | 0.3 - 1.0 | 1.1 - 1.7 | 1.8 - 3.1 | 3.2 - 5.2 | 5.3 - 9.7

Mineralization

- Copper
- Pyrite

0 5 10 km

Trans-Labrador Highway

GEOLOGY

Mesoproterzoic or older

- Pg — Foliated gabbro/quartz gabbro
- Pgrd — Wilson Lake granodiorite
- Pmg — Mouni Rapids pluton: foliated porphyritic to megacrystic granite/granodiorite
- Pogn — Banded- to augen-textured pink, migmatitic feldspar orthogneiss; **Pognh** is the same unit with hypersthene
- Pum — Pyroxene, magnetite-bearing ultramafic rocks
- Pmgns — Beaver River gneiss: well-banded, mafic orthogneiss
- Pwgn — Gabbronorite

Paleoproterozoic or older

Disappointment Lake paragneiss (Apm to Am)

- Am — White marble
- Awph — Welded granulite facies quartzofeldspathic paragneiss
- Aod — Banded diorite to quartz diorite within unit Apm
- Apm? — Probably unit Apm
- Apm — Middle to upper amphibolite facies quartzofeldspathic paragneiss

Figure 21. *Copper (Cuw2) in lake water in the Winokapau Lake area.*

these are within four kilometres, and generally down-ice, of a known copper occurrence. A final sample with elevated copper is located in NTS map area 13E/8 from a lake overlying paragneiss of Unit Awph. Four samples with values >96th percentile (green dots) are in proximity to this sample.

Schefferville Area

The locations of sample sites, identified with the last 3 digits of a sample's field number, are shown in relation to bedrock geology and 1:50 000 scale drainage features in Figures 22 and 23. The bedrock data are from the digital 1:1 000 000 geology map of Labrador (Wardle *et al.*, 1997). References to NTS areas will be made frequently.

Schefferville Area – Lake-sediment Data

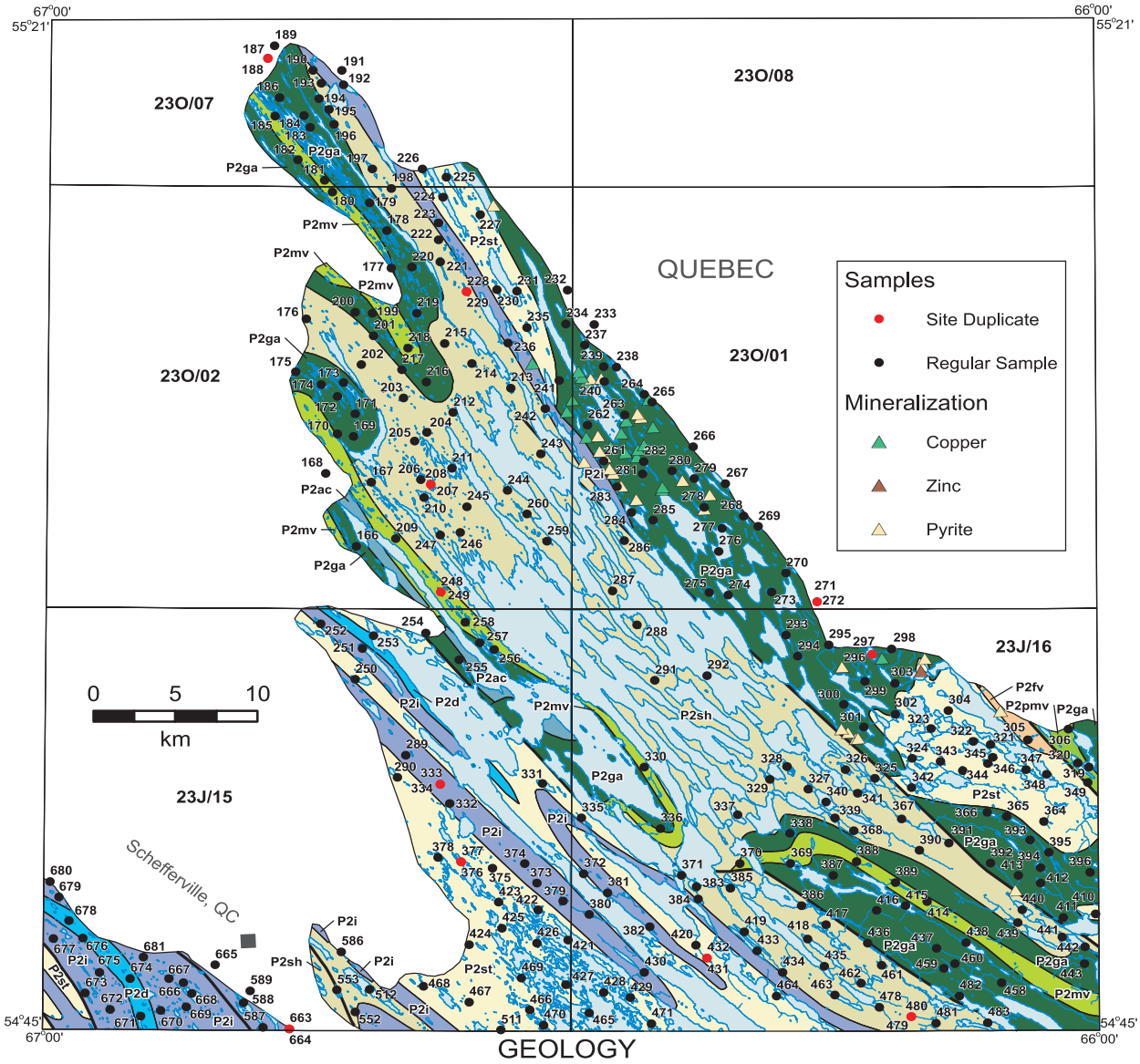
Loss-on-ignition, Depth and Iron

Symbol plots of the distribution of LOI, sample depth (depth_m) and iron (Fe2) are shown in Figures 24, 25 and 26, respectively. All three variables are considered to be environmental parameters influencing the content of certain elements in the sediment in ways independent of bedrock source. The plot of LOI uses intervals that are based on quantile divisions of the data. The distribution of sample depth shows a variation with some geographic areas tending to have generally shallow lakes and some others having deep ones. Copper (Cu2) is one element whose concentration in sediment appears affected by sample depth and the two variables have a Spearman correlation coefficient of 0.36 (Table 10). The distribution of iron shows a strong geographic control on values. All of the samples with high values and most of those with elevated values are found in NTS map areas 23I/13 and 23J/16.

Gold and Antimony

The distribution of gold is shown in Figure 27. Most samples (63%) have values ≥ the detection limit and 20% have values ≥ 3 ppb. But despite this fairly high background value of gold, only one sample has a high gold value (26 ppb) and only two are classified as elevated (9 and 10 ppb). The sample with 26 ppb and one of the samples with an elevated value (10 ppb) are located about 5 km apart in NTS area 23J/9 in lakes overlying the shale, siltstone and sandstone of the Menihek Formation. The other sample with an elevated gold value is located about 9 km north of the 26 ppb sample in NTS map area 23J/16 from a lake draining similar sedimentary rocks of the Le Fer Formation.

Antimony (Sb1) is a pathfinder element for gold in some areas and here the two elements have a correlation coefficient of 0.37 (Table 10). For this reason the distribution of antimony (Sb1) is also shown (Figure 28). The two samples with elevated gold values also have moderately elevated values of antimony (green dots). A sample with elevated antimony is located 3 km southeast of the lake with the highest gold value.



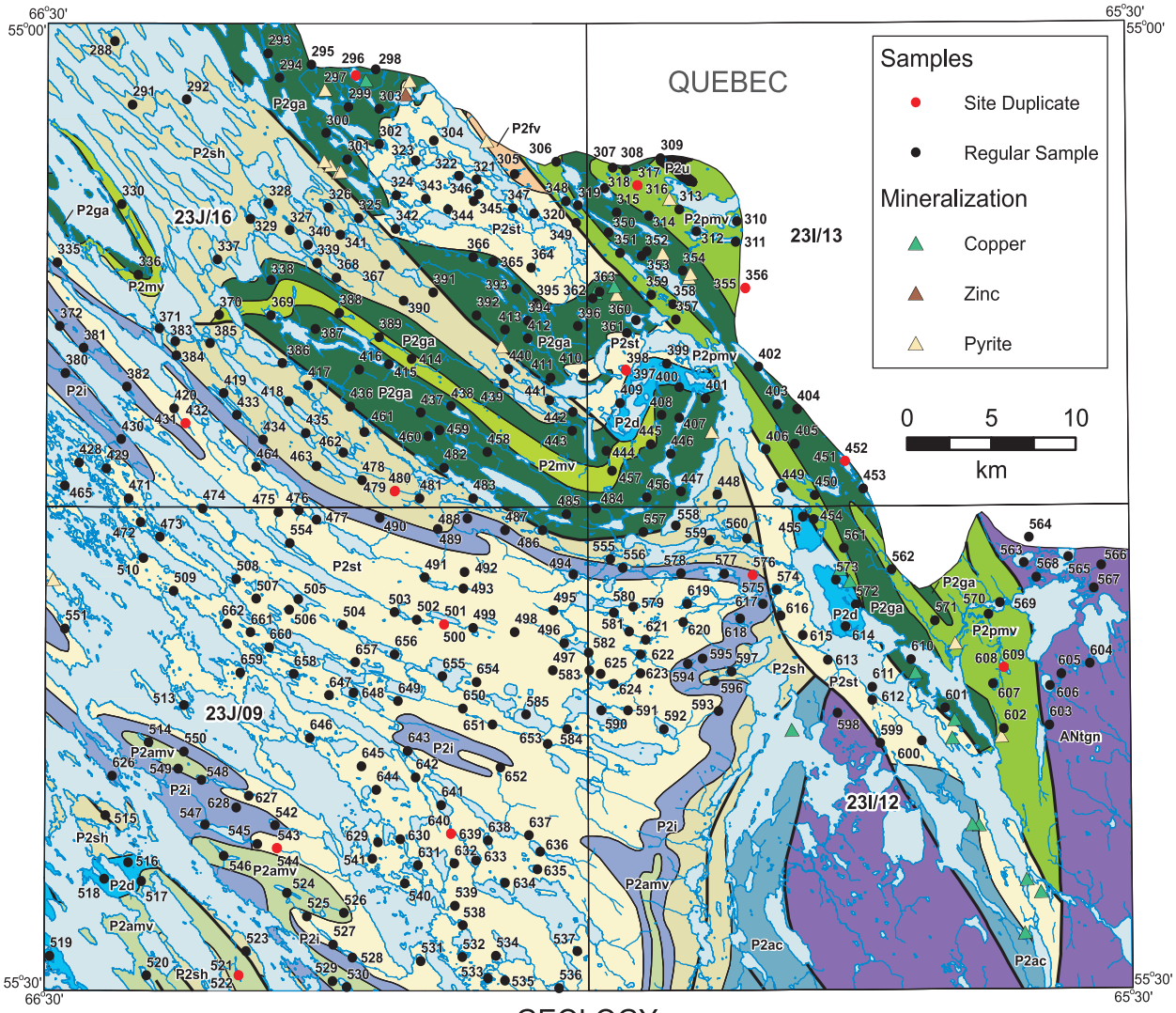
MID PALEOPROTEROZOIC

	Stratified Rocks		Intrusive Rocks	
	Kaniapiskau Supergroup			
	P2fv	Rhyolite, felsic pyroclastic rocks. Martin Lake rhyolite	P2u	Retty peridotite
Doublet Group	P2pmv	Pillow basalt, mafic pyroclastic rocks	P2ga	Wakuach gabbro
Upper Knob Lake Group	P2st	Shale, siltstone, sandstone. Menihek Formation		
	P2amv	Alkalic basalt, mafic pyroclastic rocks. Nimish Formation		
	P2i	Ironstone, quartzite. Sokoman and Wishart formations		
Lower Knob Lake Group	P2d	Dolomite. Denault Formation		
	P2mv	Pillow basalt and tuff. Bacchus Formation		
	P2sh	Grey shale, siltstone, greywacke. Le Fer Formation		
Seward Subgroup	P2ac	Arkose, conglomerate		

NEOARCHEAN

Eastern Basement Metamorphic Complex — ANtgn — Metatonalite, tonalite gneiss

Figure 22. *Sample locations, geology and 1:50 000 scale drainage in the northwest part of survey in the Schefferville area (NTS map areas 23J/15, 16 and 23O/1, 2 and 7).*



GEOLOGY

MID PALEOPROTEROZOIC

	Stratified Rocks		Intrusive Rocks	
	Kaniapiskau Supergroup			
	P2fv	Rhyolite, felsic pyroclastic rocks. Martin Lake rhyolite	P2u	Retty peridotite
Doublet Group	P2pmv	Pillow basalt, mafic pyroclastic rocks	P2ga	Wakuach gabbro
Upper Knob Lake Group	P2st	Shale, siltstone, sandstone. Menihek Formation		
	P2amv	Alkalic basalt, mafic pyroclastic rocks. Nimish Formation		
	P2i	Ironstone, quartzite. Sokoman and Wishart formations		
Lower Knob Lake Group	P2d	Dolomite. Denault Formation		
	P2mv	Pillow basalt and tuff. Bacchus Formation		
	P2sh	Grey shale, siltstone, greywacke. Le Fer Formation		
Seward Subgroup	P2ac	Arkose, conglomerate		

NEOARCHEAN

Eastern Basement Metamorphic Complex	ANtgn	Metatonalite, tonalite gneiss

Figure 23. *Sample locations, geology and 1:50 000 scale drainage in the southeast part of survey in the Schefferville area (NTS map areas 23I/12 and 13 and 23J/9 and 16).*

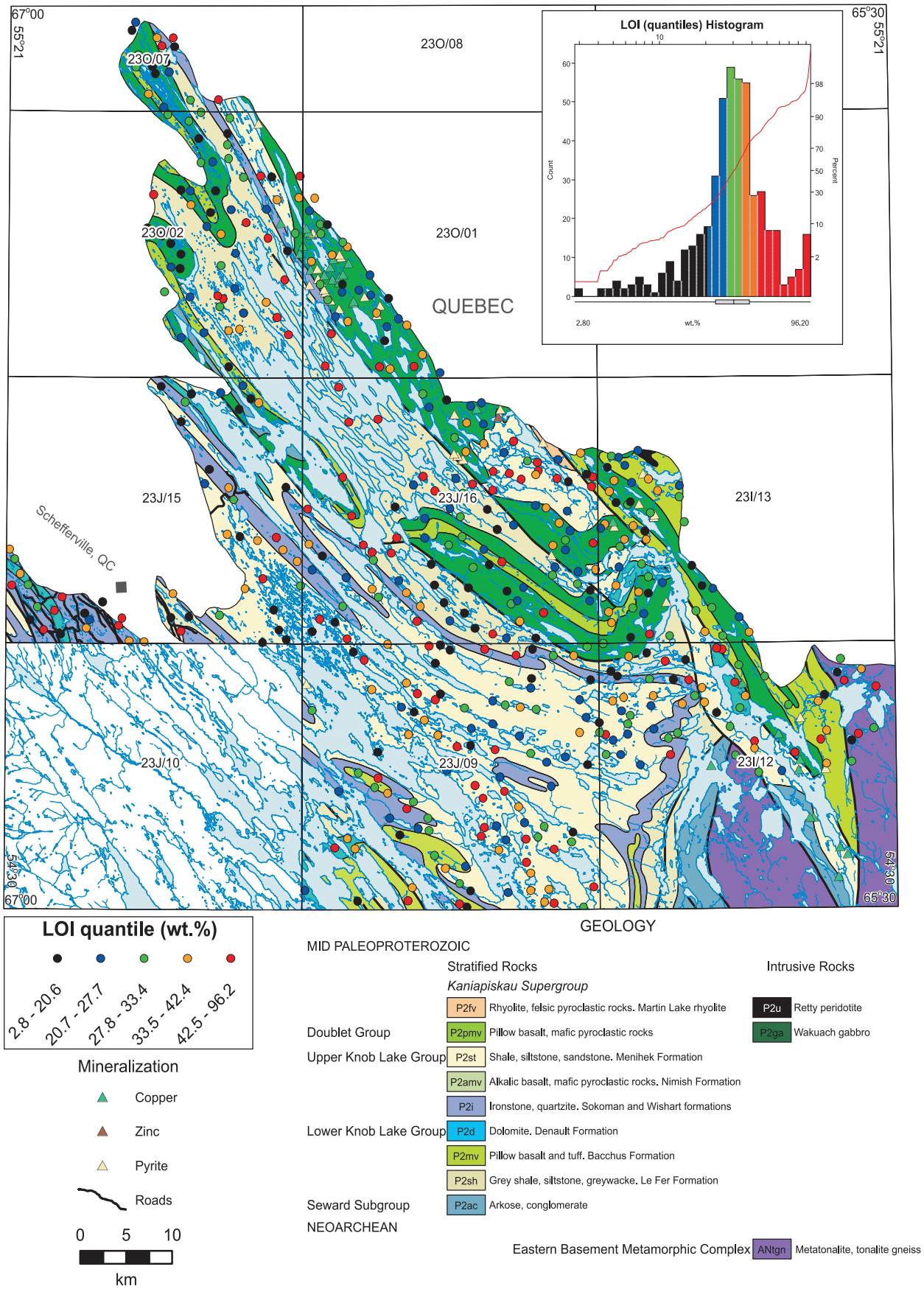


Figure 24. *Loss-on-ignition (LOI) in lake sediment in the Schefferville area.*

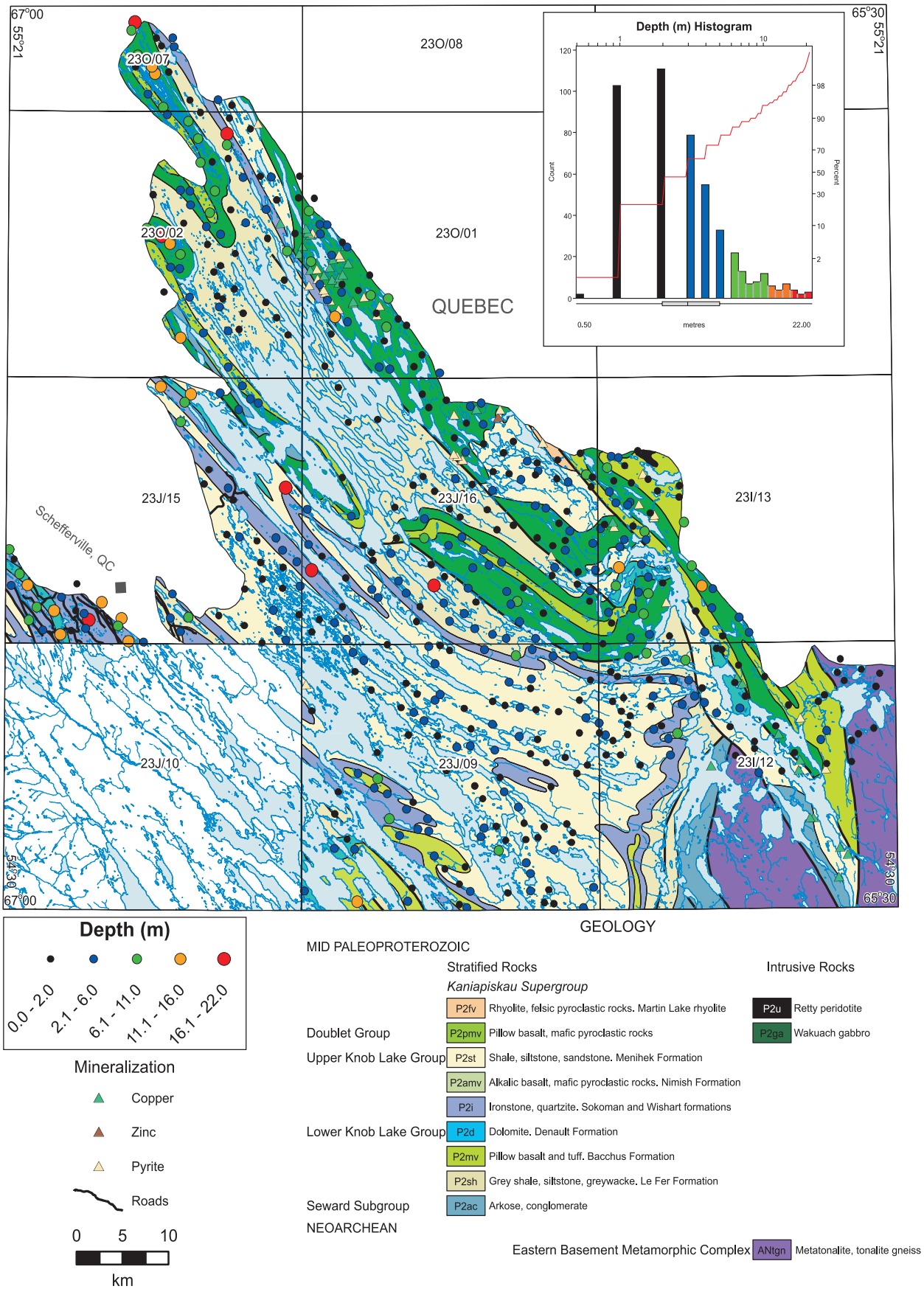


Figure 25. *Lake depth (depth_m) for sediment sample sites in the Schefferville area.*

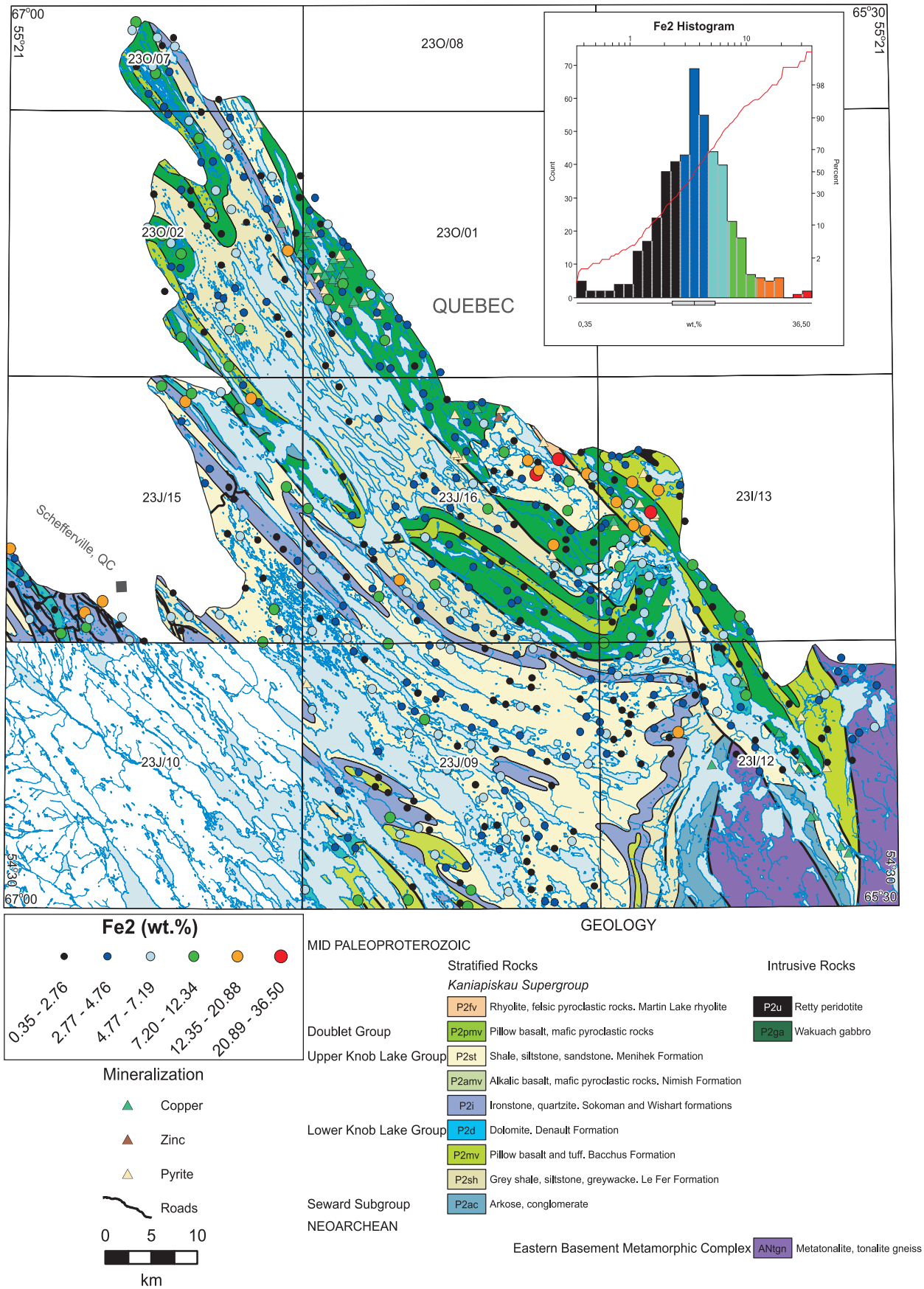


Figure 26. *Iron (Fe2) in lake sediment in the Schefferville area.*

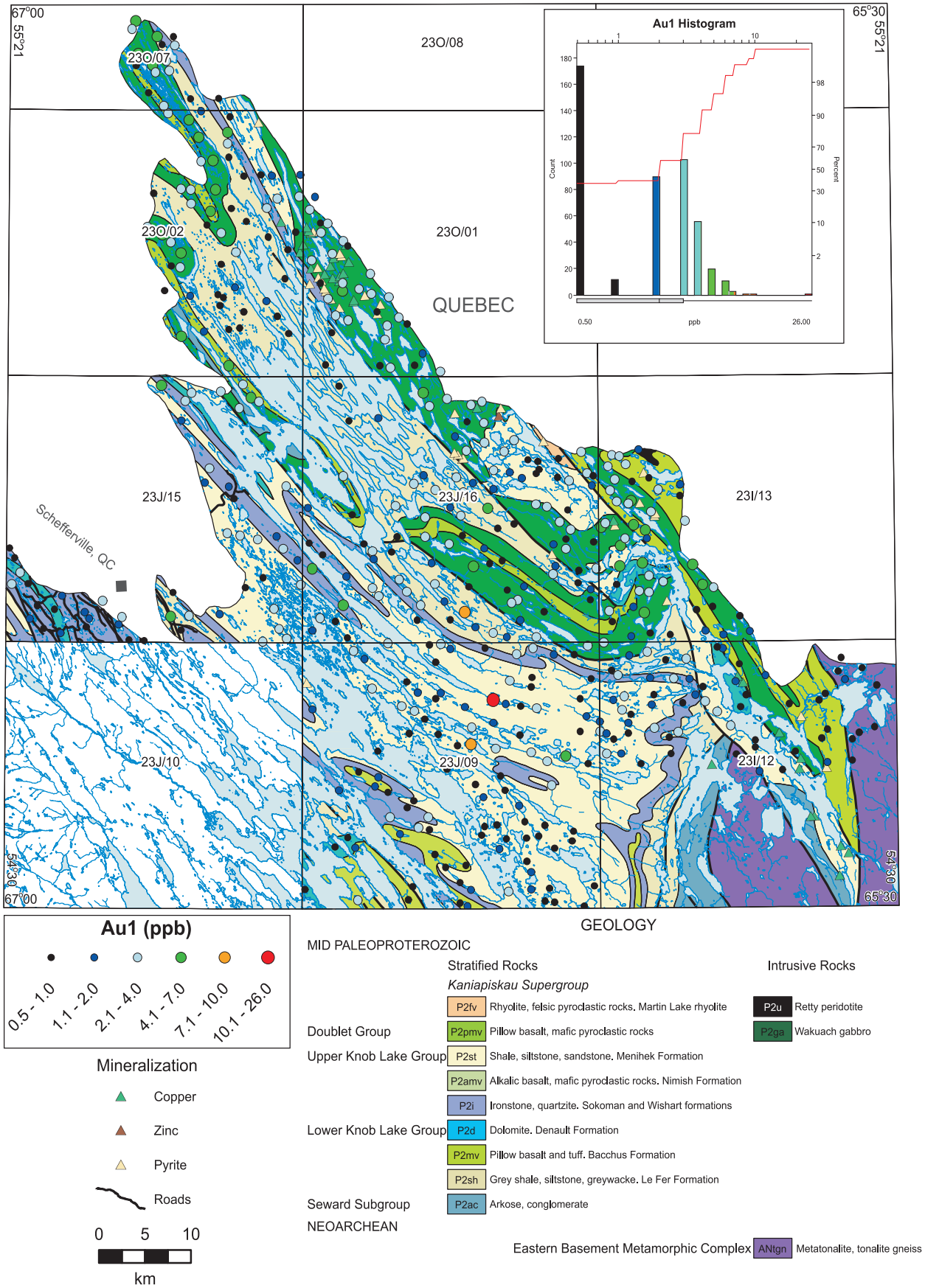


Figure 27. *Gold (Au1) in lake sediment in the Schefferville area.*

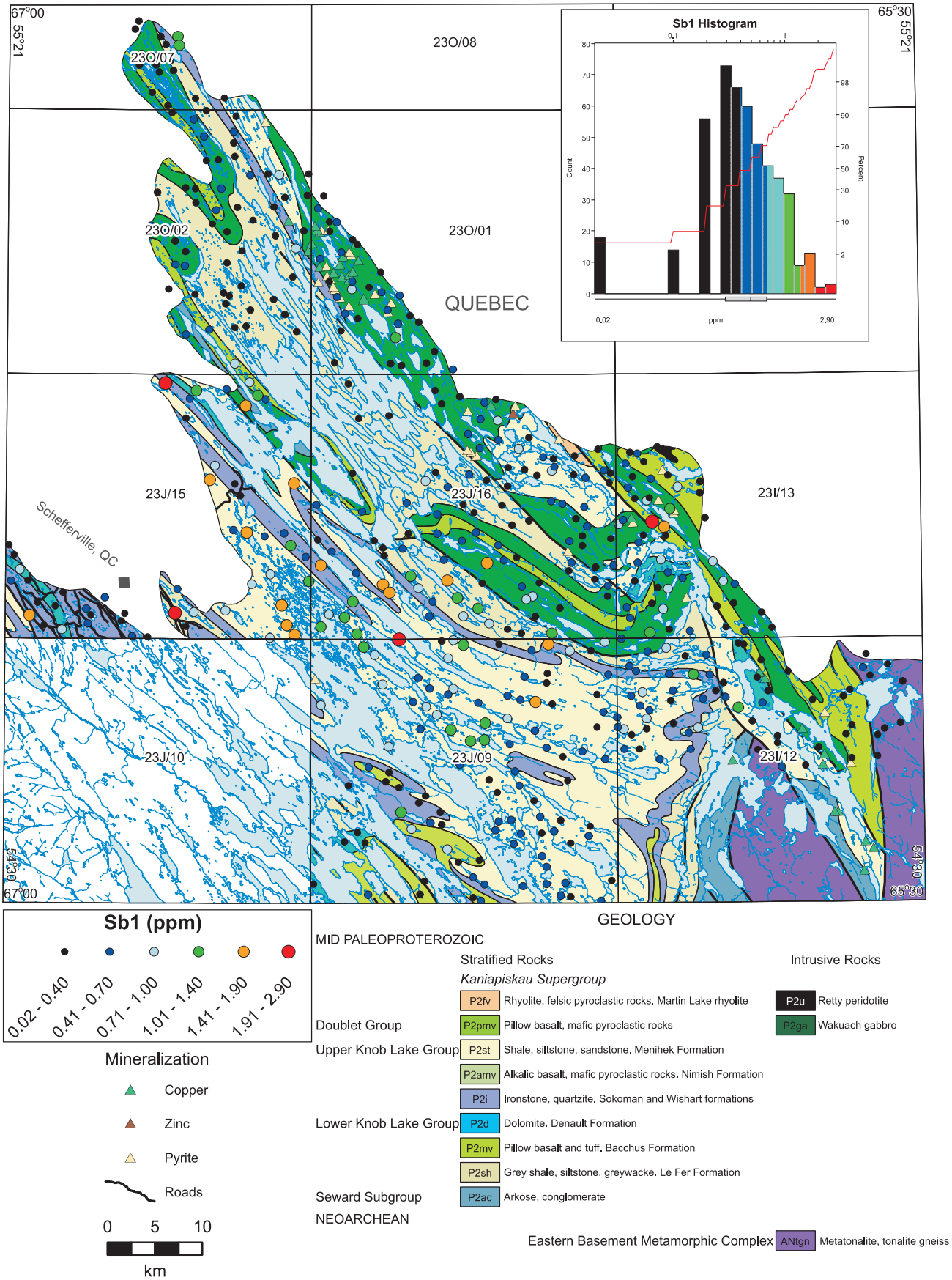


Figure 28. *Antimony (Sb1) in lake sediment in the Schefferville area.*

Base Metals

The distributions of the base metals copper (Cu2), nickel (Ni2) and zinc (Zn2) are shown in Figures 29 to 31. The histogram and cumulative frequency curve for copper show a distinct break from the main population at about 250 ppm separating the main population from a separate high-value population. A loose cluster of samples with 5 high copper values and 7 elevated values is found in NTS map areas 23I/13 and 23J/16. Most of these samples are from lakes overlying rocks of the Doublet Group (primarily basaltic) and the Wakuach Gabbro. There are five known instances of pyrite mineralization and two of copper within the bounds of the cluster. The water sample associated with the high value sediment sample in NTS map area 23J/16 overlying the Wakuach Gabbro also has the survey's second highest copper content in lake water (8.5 ppb). Iron content in the sediment is background so hydroxide scavenging of copper would not be an issue.

Two other high value copper samples are found in NTS map area 23J/15. One overlies the Wakuach Gabbro and the other, along with an adjacent sample with elevated copper, overlies cherty ironstone of the Sokoman Formation. A final sample with a high copper value is found in NTS map area 23J/16 overlying sedimentary rocks of the Menihek Formation. There are an additional 8 samples with elevated values scattered through all NTS areas sampled.

The distribution of nickel (Ni2) in Figure 30 also displays a loose cluster of samples with 2 high and 5 elevated values in approximately the same area as does copper. Four of the samples in the two clusters are the same. The high value sample in NTS map area 23I/13 has the highest analysis for nickel (621 ppm) and second highest analysis for copper (401 ppm) in the entire survey as well as one of the highest contents of zinc (1100 ppm). However it also has an elevated value of iron (Fe2 = 20.7%) and a high value of manganese (25890 ppm) suggesting that hydroxide scavenging likely accounts for some of the high base metal contents.

The other sample with high nickel content (386 ppm) is found in NTS map area 23I/12 in a lake overlying cherty iron formation of the Sokoman Formation. It also has a high iron content (Fe2 = 20.4%) although shows only moderate enrichment in manganese (787 ppm).

The distribution of zinc (Zn2) is shown in Figure 31. Two samples have high values and ten have elevated values. All but two of the samples are from lakes overlying the sedimentary rocks of the Menihek Formation. One overlies the Wakuach Gabbro and one lake receives drainage from both mafic rocks and/or siltstones of the Doublet Group and the Wakuach Gabbro. There is a cluster of three samples in NTS map area 23J/16. One has a high zinc value (1757 ppm) however it also has high iron (Fe2=28.4%) and moderately elevated manganese (3435 ppm) so hydroxide scavenging is likely a factor accounting for some of the high zinc content.

Chromium

The distribution of chromium (Cr1) is shown in Figure 32. Of the ten samples with high values, eight are from lakes overlying or adjacent to the Wakuach gabbro. Of the remaining two, one is from a lake overlying the sedimentary rocks of the Menihek Formation and one overlies the cherty ironstone of the Sokoman Formation. Most of the samples with elevated chromium content

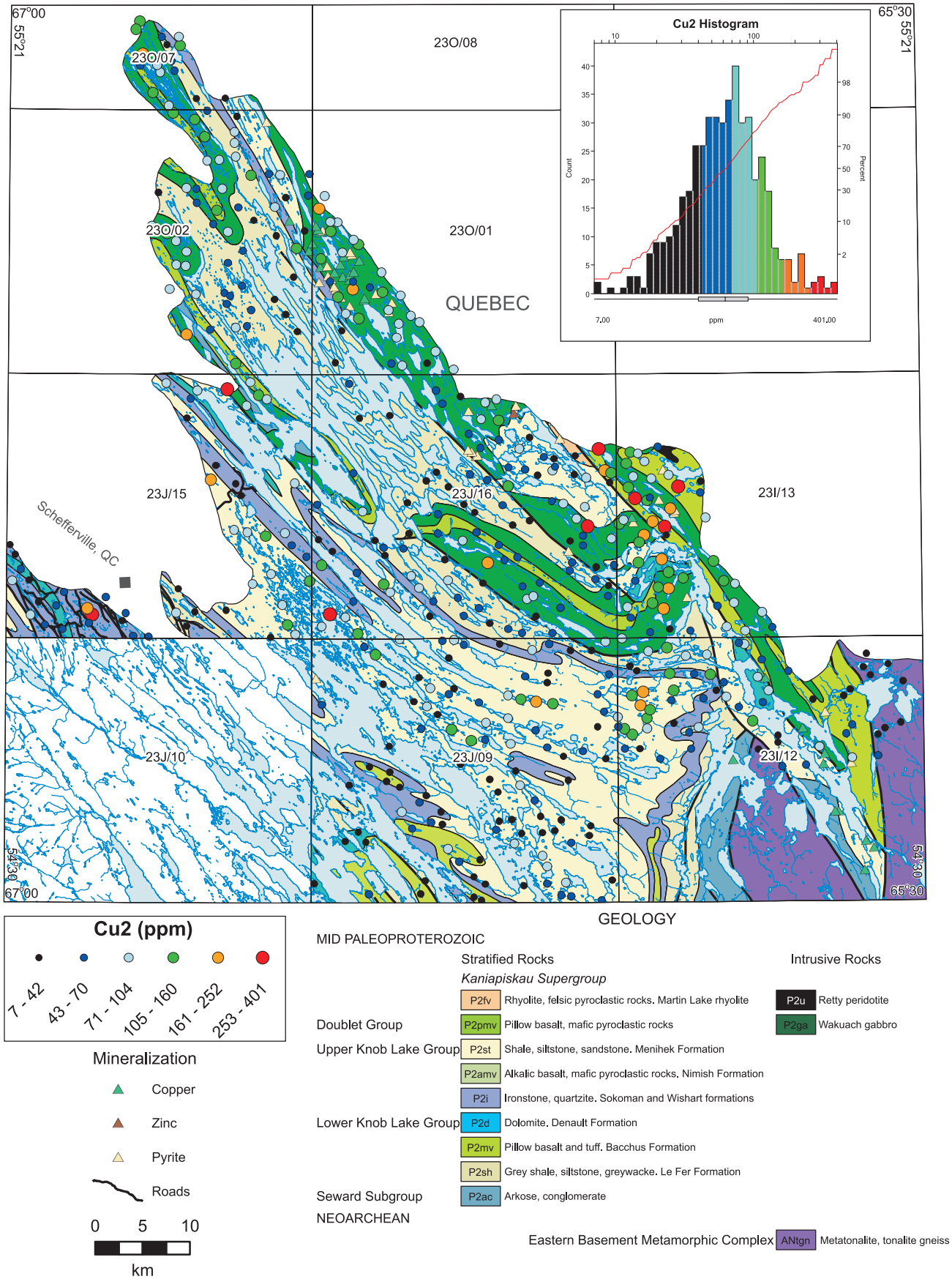


Figure 29. *Copper (Cu2) in lake sediment in the Schefferville area.*

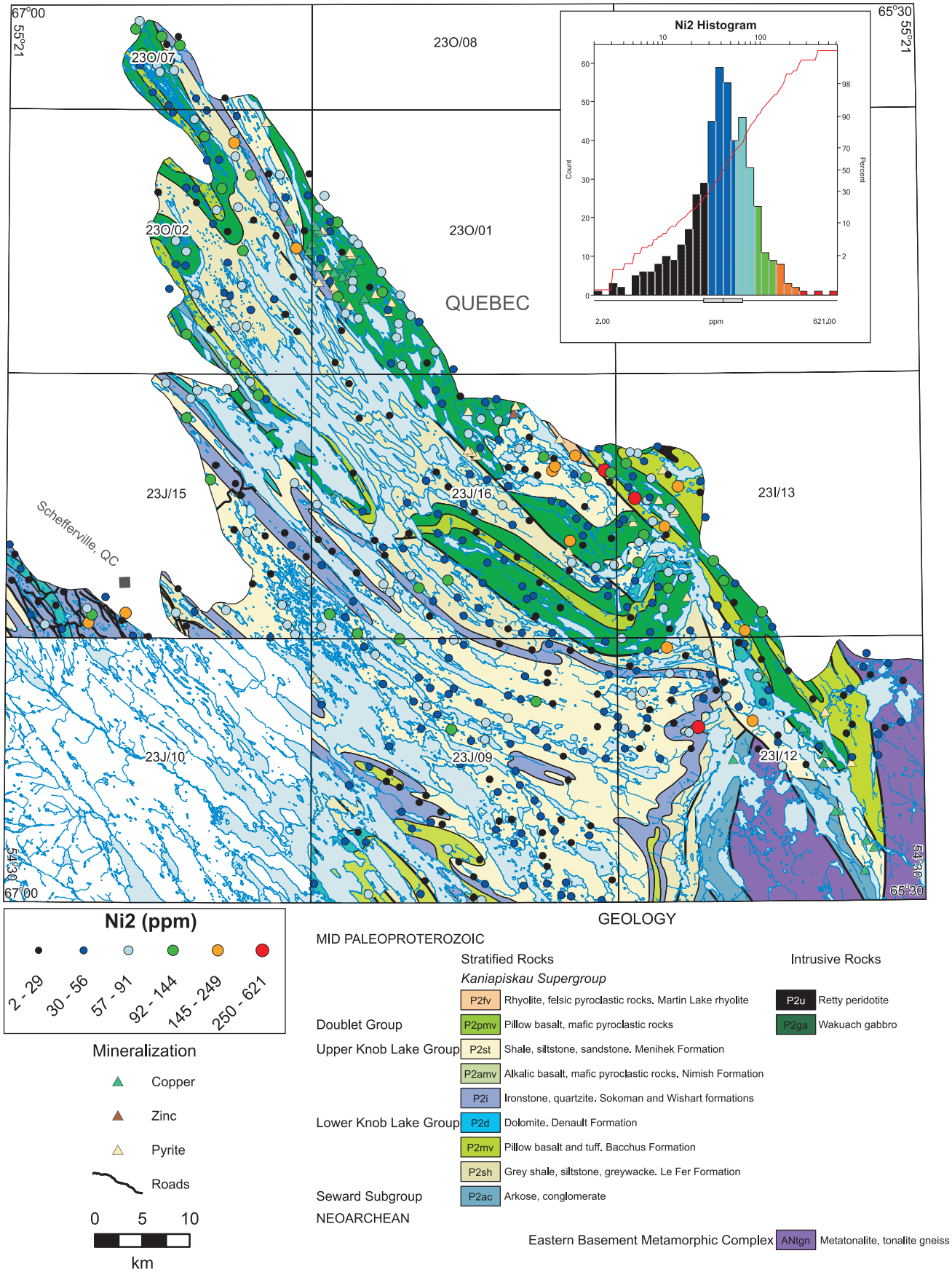


Figure 30. *Nickel (Ni2) in lake sediment in the Schefferville area.*

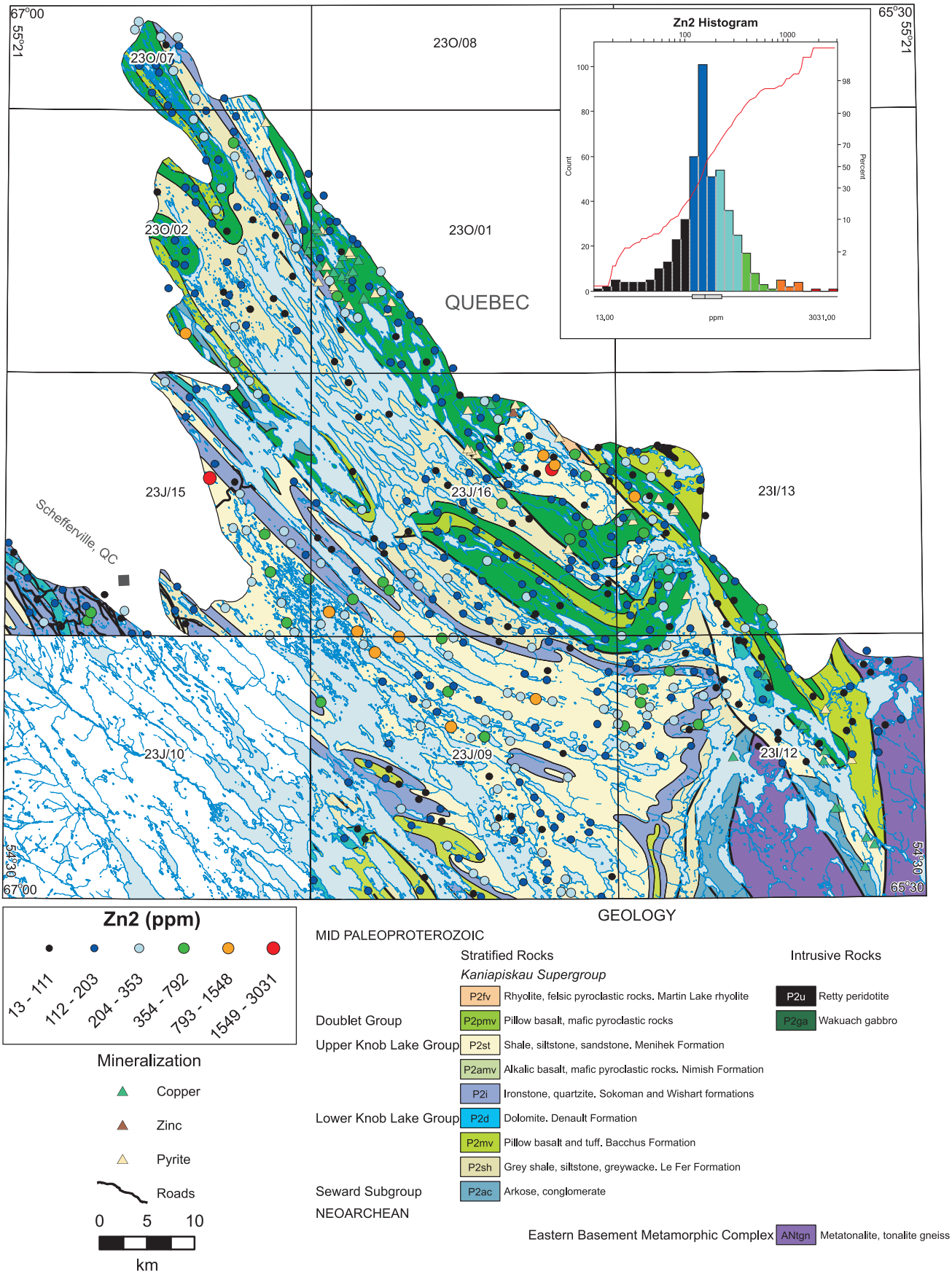


Figure 31. *Zinc (Zn2) in lake sediment in the Schefferville area.*

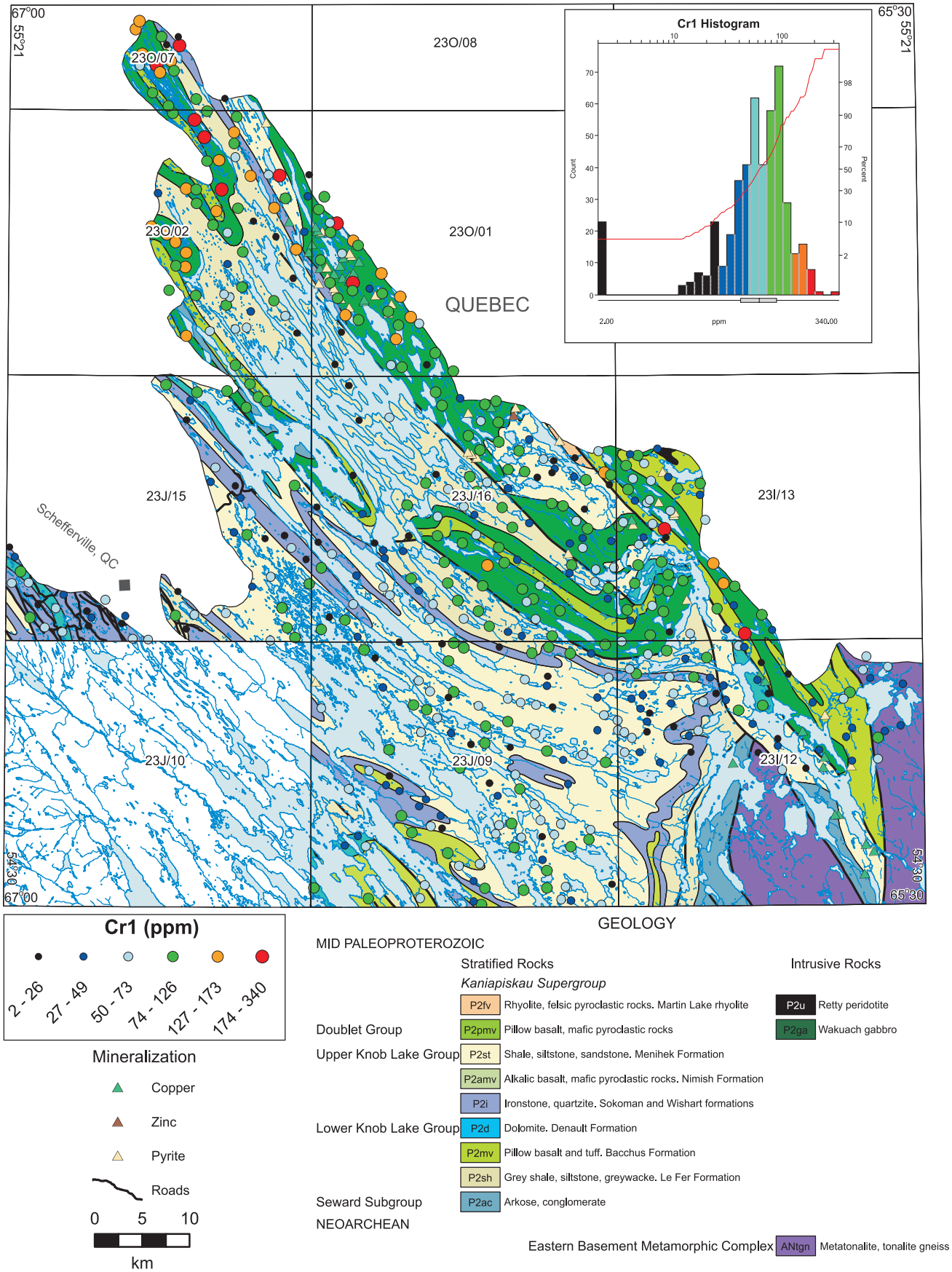


Figure 32. *Chromium (Cr1) in lake sediment in the Schefferville area.*

are from the northern part of the survey in NTS map areas 23O/1, 2 and 7. As with the samples with high contents, most of these samples also are from lakes overlying the Wakuach gabbro.

Rare Earth Elements

The distribution of yttrium (Y2) is shown in Figure 33 as a proxy for rare earth elements. There is a loose cluster of five samples in NTS map area 23J/15 with elevated and high contents of yttrium. The two samples with high contents are coincident with two associated lake water samples with high yttrium content (*see* below). All samples in the cluster are from lakes overlying cherty iron formation of the Sokoman Formation. The other sample with high yttrium content is in NTS map area 23I/12 from a lake overlying sedimentary rocks of the Menihek Formation. The remaining samples with elevated contents are scattered through much of the survey area and are from lakes overlying a variety of rock types.

Schefferville Area – Lake-water Data

pH

The distribution of the pH of water samples is shown in Figure 34. The intervals are based on five quantile divisions, not the Jenks' algorithm. Values in a general way reflect the nature of the bedrock underlying the catchment basins of the samples. Rocks high in carbonates and magnesium will tender to buffer the ground water thereby increasing the alkalinity. The acidity is also one control on the dissolved metal content of the water. For the base metals for example, more acid water is likely to leach more metal from sediment and bedrock than is more alkaline water.

Iron

The distribution of iron (Few1) in water is shown in Figure 35. As discussed above, the concentration of Fe in surface water is inhibited by its exposure to oxygen. Ground water and water in bogs is effectively sealed off from atmospheric oxygen and hence can contain Fe levels in the hundreds to thousands of ppb. Such water quickly loses its Fe by oxidation when exposed to normal atmospheric oxygen in streams or lakes. Thus Fe can be seen as a rough guide to the oxidation state of the water inasmuch as a high Fe content would indicate a reducing state of the lake water. Copper, zinc, cadmium, lead and uranium, which are soluble under oxidizing conditions, tend to be insoluble under reducing conditions hence the ability of lake water to reflect these metals in the bedrock and surficial environment is largely dependent on the path the water follows on its way to the lake.

Base Metals in Water

The distribution of copper (Cuw2) is shown in Figure 36. As can be seen in the cumulative frequency curve, about 70% of the values are below the detection limit of 0.5 ppb. There is a moderately sharp break in the curve at 2.6 ppb approximately coinciding with the 3.0 ppb beginning of the elevated (orange dots) range and a very sharp break at 4.4 ppb coinciding with the beginning of the high (red dots) value range. There are two samples with high values. An isolated one

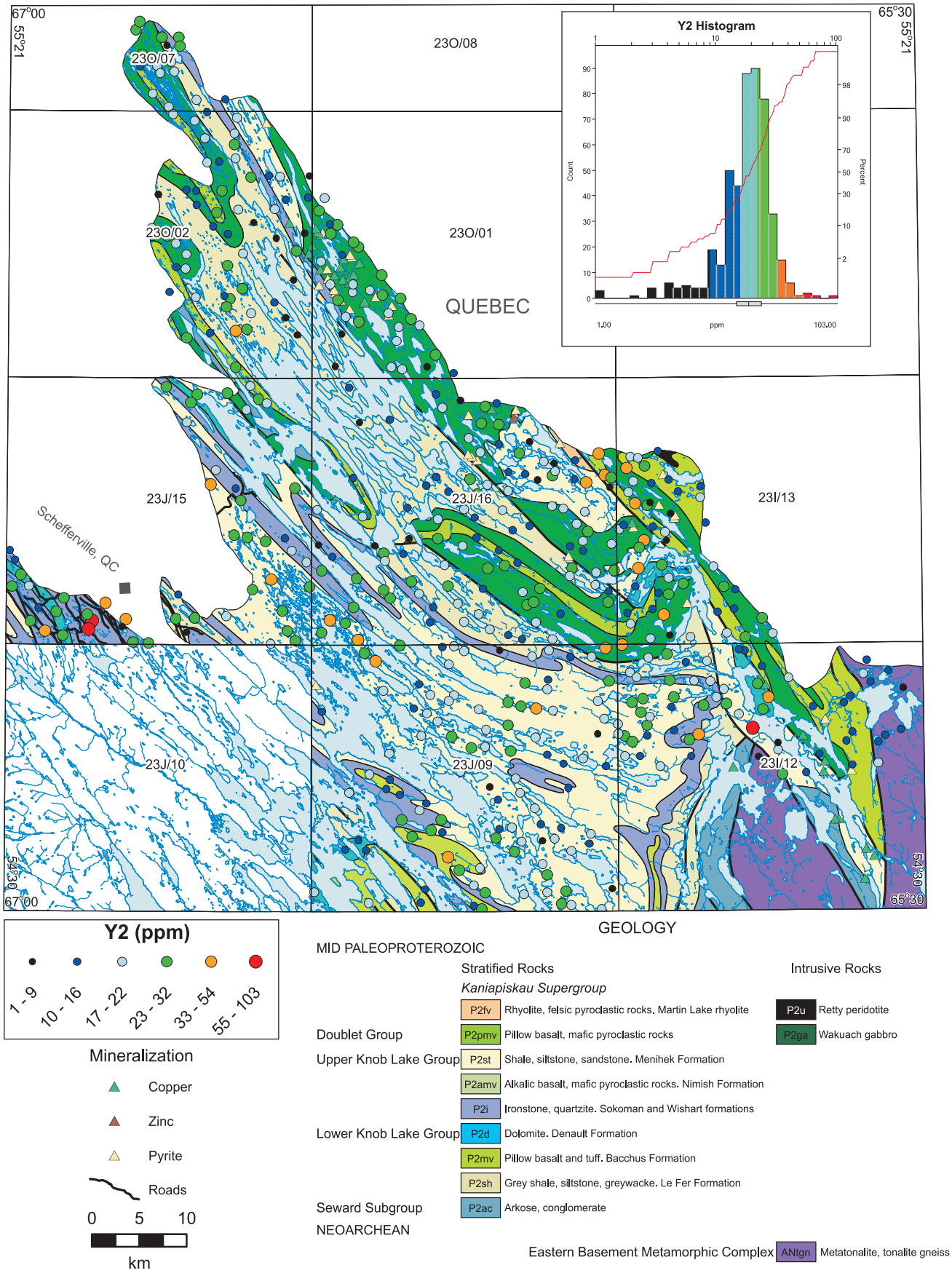


Figure 33. *Yttrium (Y2) in lake sediment in the Schefferville area.*

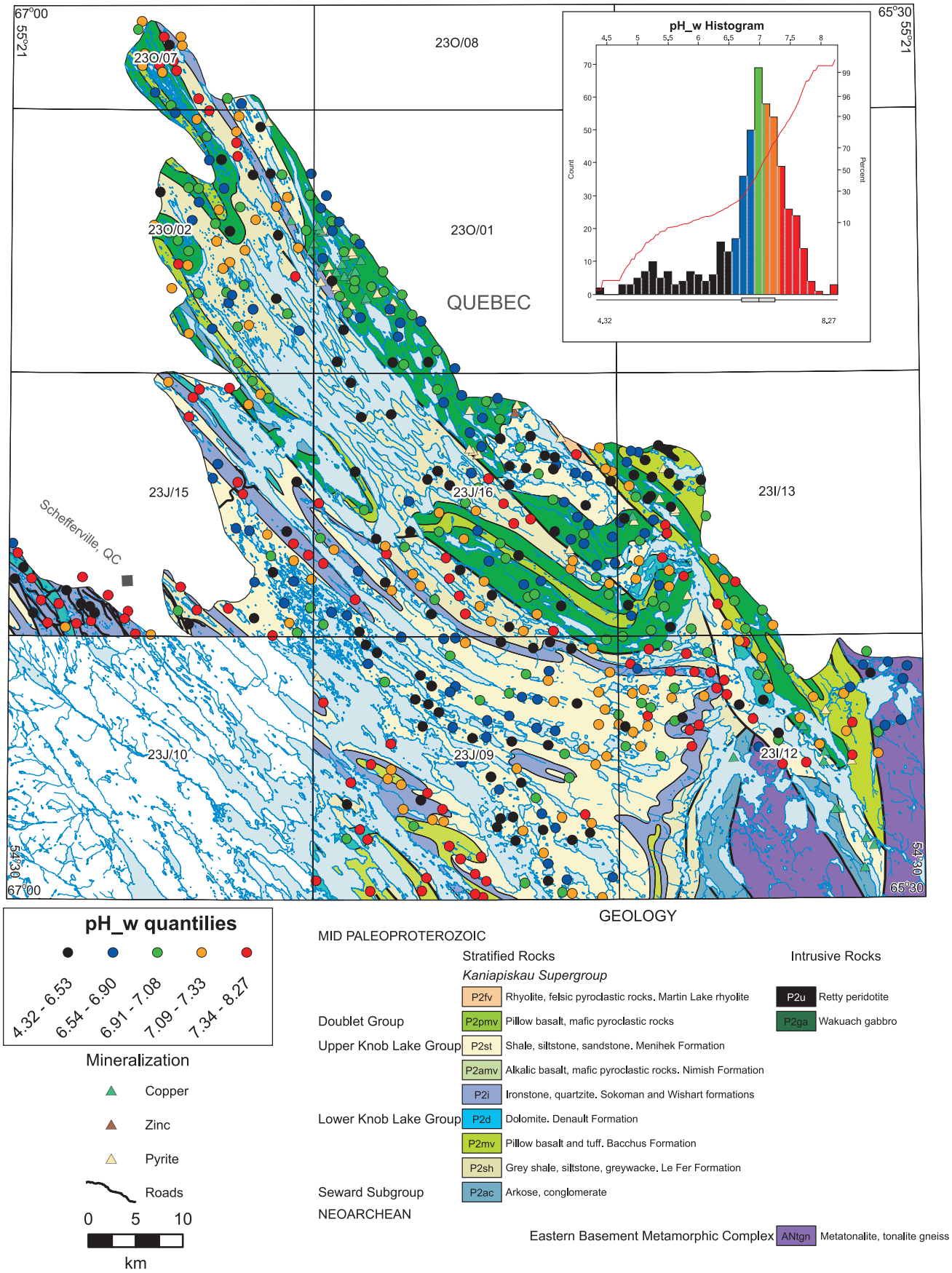


Figure 34. *pH (pH_w) of lake water in the Schefferville area.*

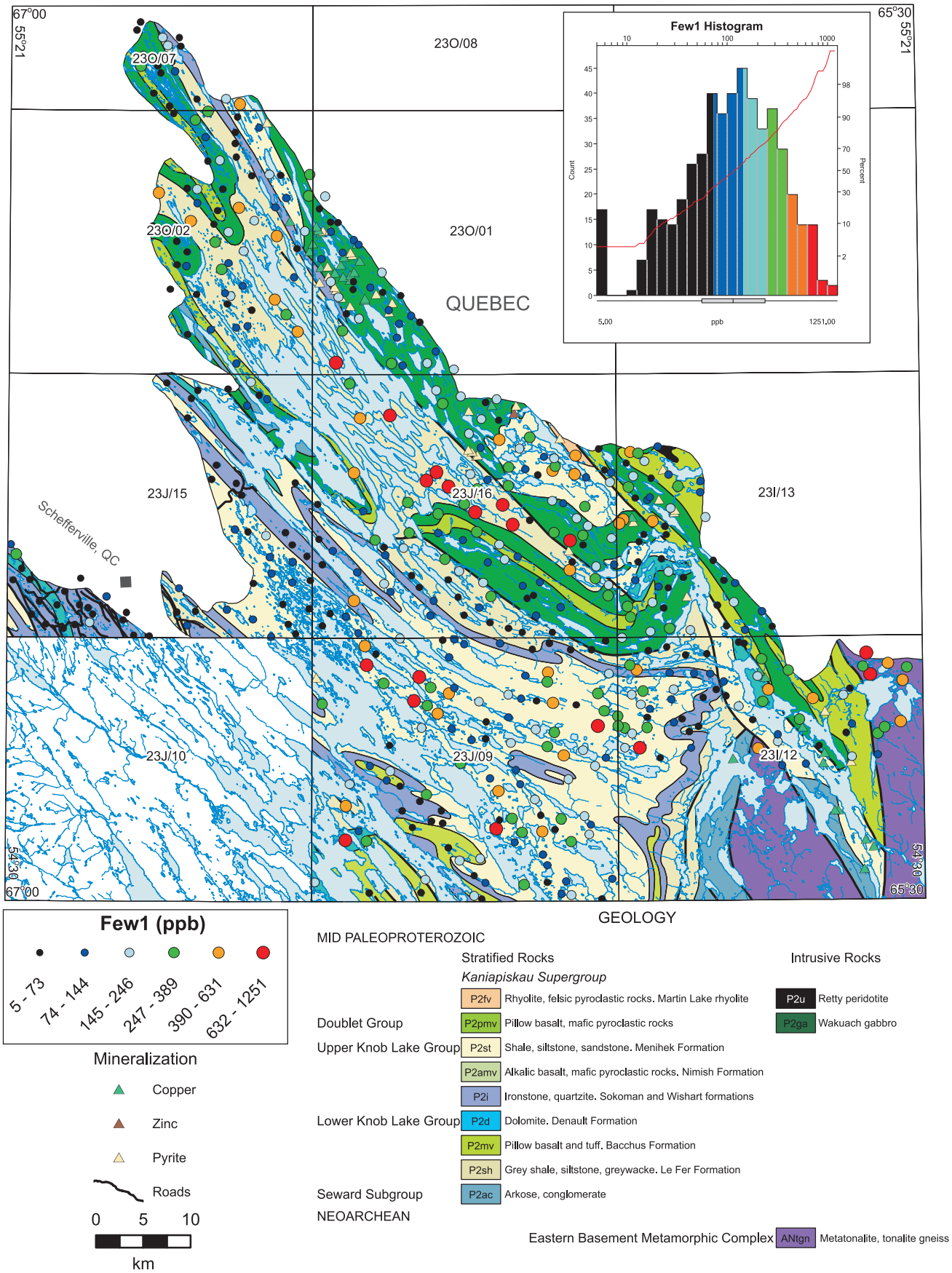


Figure 35. *Iron (Few1) in lake water in the Schefferville area.*

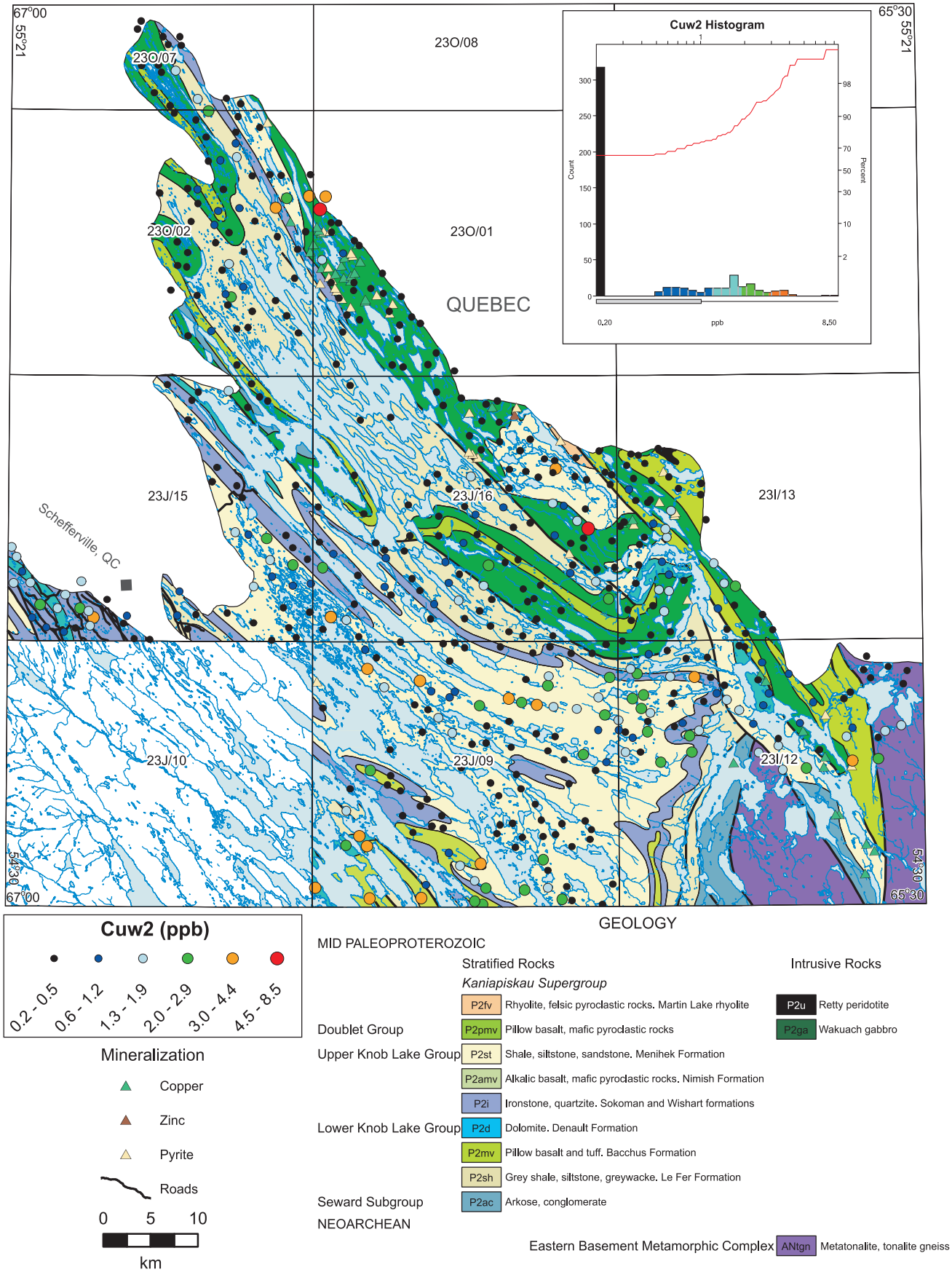


Figure 36. *Copper (Cuw2) in lake water in the Schefferville area.*

is found in NTS map area 23J/16 and a cluster of one red, three orange and one green symbol is found in NTS map areas 23O/1 and 23O/2. The sample with the isolated high value (8.5 ppb Cuw2) has the second highest analysis in the survey. Moreover, the corresponding sediment analysis for Cu is a very anomalous 270 ppm while the iron content lies in the normal range at 3.9% indicating that there is not a hydroxide-scavenging event occurring. The sampled lake overlies the Wakuach Gabbro near the contact with the Menihek Formation.

The water sample with the high Cu value (7 ppb) in the sample cluster has an elevated Cu content (174 ppm) in the corresponding sediment sample. The Fe1 content of the sediment is only somewhat above average (5.3 wt.%) and suggests that hydroxide scavenging of copper is only contributing modestly to the sediment content. The sampled lake overlies the Wakuach Gabbro. Two of the samples with elevated copper in water are also from lakes overlying the gabbro. A third sample is from a lake overlying the Menihek Formation.

There are an additional 15 water samples with elevated copper contents either scattered across the study area or forming loose clusters. These are predominantly from lakes overlying sedimentary rocks of the Menihek Formation or basaltic rocks of the Nimish Formation.

The distribution of zinc in water (Znw2) is shown in Figure 37. A cluster of three samples with high values and one with elevated zinc is found in NTS map area 23J/15. The three samples with high values are all from lakes overlying cherty iron formation and/or black shale of the Sokoman Formation. The sample with elevated zinc in water is from a lake overlying calcareous sedimentary rocks of the Denault Formation.

A second isolated sample in NTS map area 23J/9 with high Znw2 value (21 ppb) also has elevated zinc in sediment (1303 ppm). The sample is from a lake overlying shale and siltstone of the Menihek Formation. Two other samples with elevated zinc in water form a cluster in NTS map area 23I/13. The zinc contents of the associated sediment samples can be considered background (105 and 230 ppm). The samples are from lakes overlying Wakuach Gabbro and/or pillow basalts and breccias of the Doublet Group.

Yttrium in Lake Water

The distribution of yttrium in water (Yw2) is shown in Figure 38. The three samples with high values form a tight cluster in NTS map area 23J/15. The three sampled lakes overlie cherty iron formation of the Sokoman Formation. An additional fifteen samples have elevated yttrium values. Most of these fall in an east–west zone in NTS map areas 23J/9 and 23I/12 although two are found off the trend in areas 23J/16 and 23I/13. Most are from lakes overlying the sedimentary rocks of the Menihek Formation. Others are underlain by mafic volcanic rocks (Unit P2pmv) and one each by the Wakuach Gabbro, the Sokoman Formation and Neoarchean granulite–tonalite gneiss. It is of interest that the three samples with high yttrium in water also are the same samples which have three of the four highest zinc values in water (Figure 37).

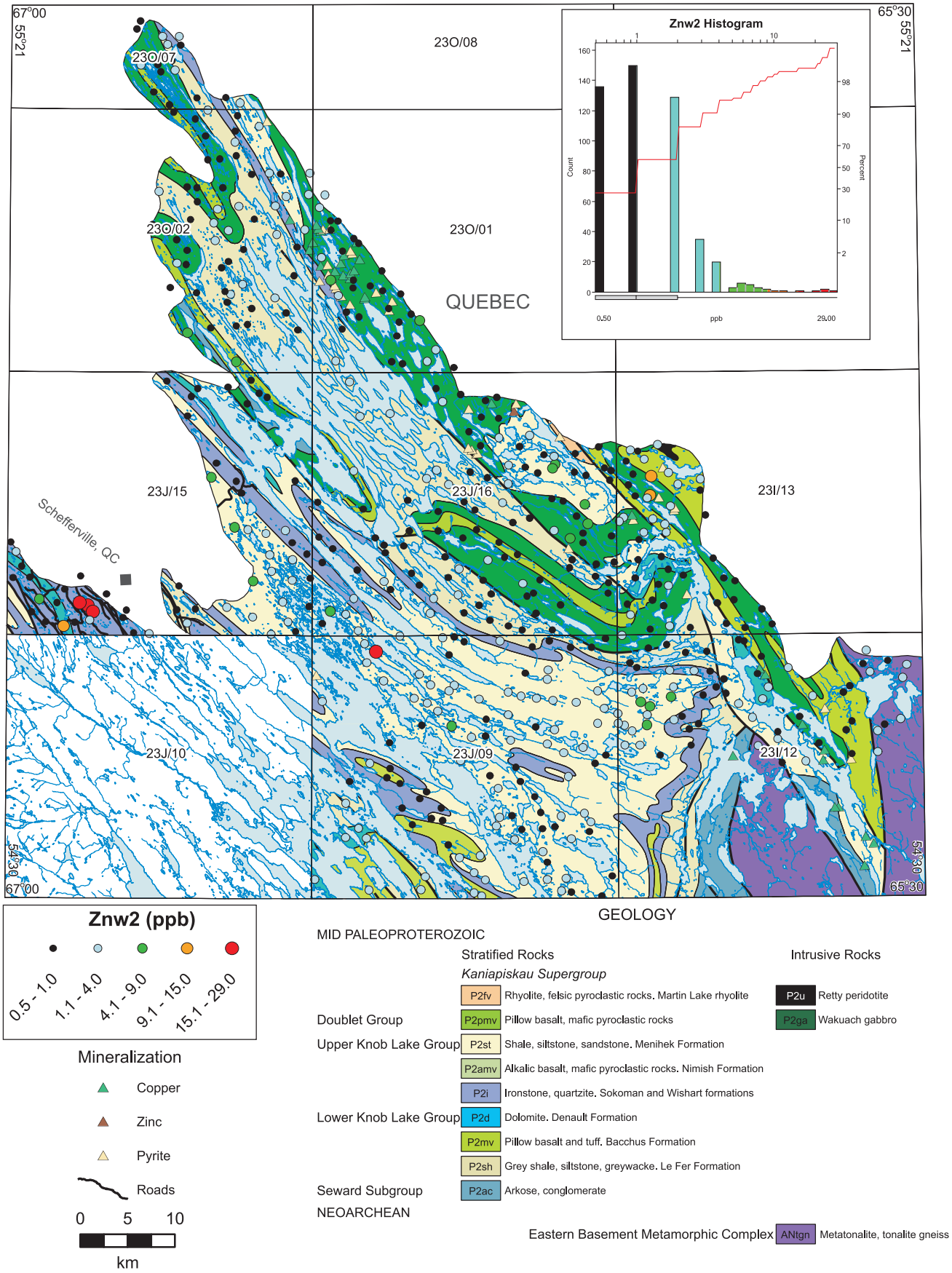


Figure 37. *Zinc (Znw2) in lake water in the Schefferville area.*

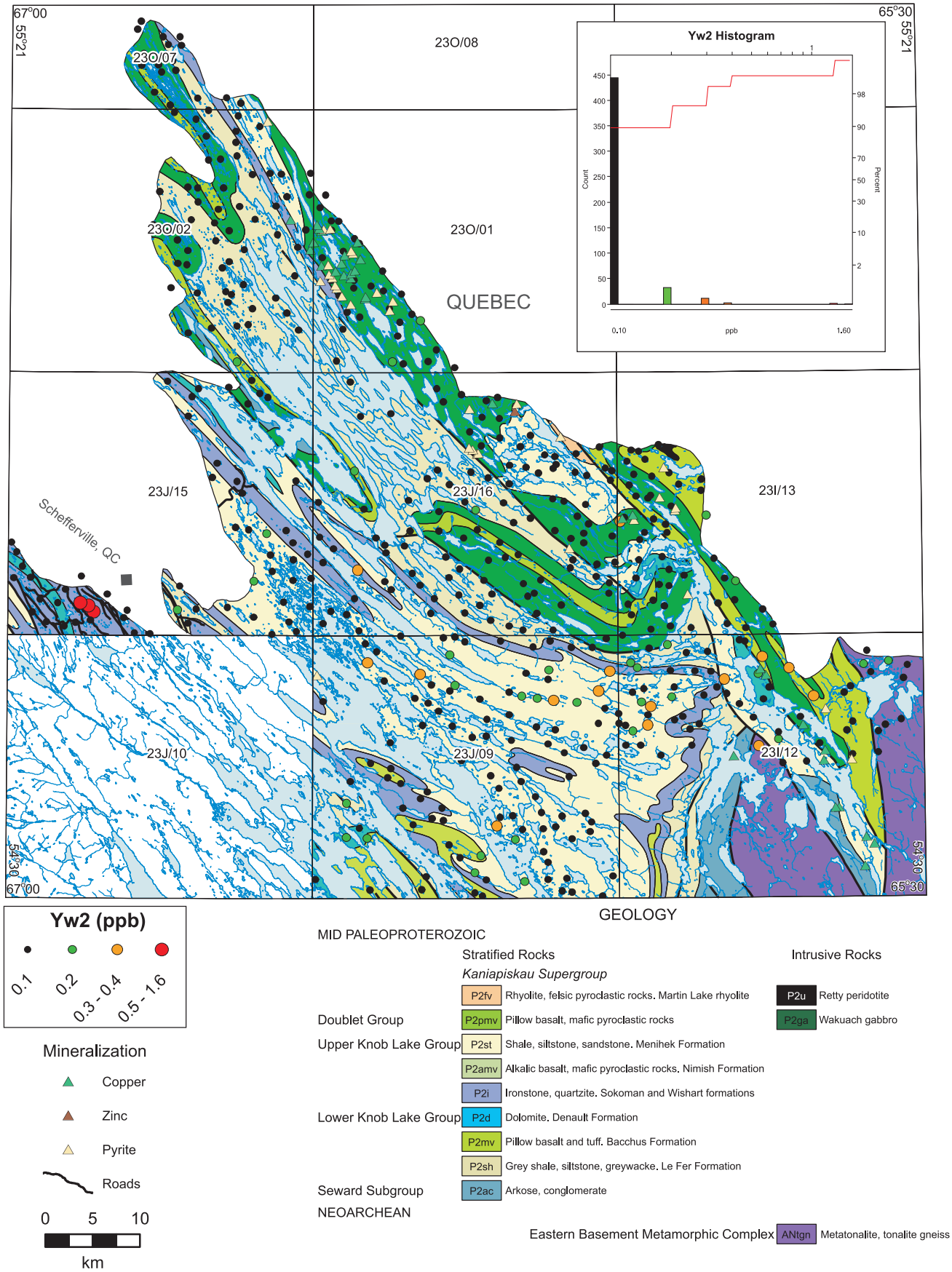


Figure 38. *Yttrium (Yw2) in lake water in the Schefferville area.*

SUMMARY AND CONCLUSIONS

1. Lake sediment and water analyses in the survey area are effective at delineating some known mineral occurrences and suggest the presence of other bedrock sources not presently identified.

2. LOI and Fe in sediment give indications of environmental conditions at the sediment deposition site that may affect the accumulation of elements in sediment. Many metals have a negative correlation with LOI and positive one with Fe; therefore, it is advisable to consider the Fe and LOI contents of samples when contemplating follow-up exploration.

3. Uranium analyses of both sediment and water samples in the Winokapau Lake area suggest the presence of multiple bedrock sources containing anomalous levels of uranium.

4. The survey's two highest analyses of copper in sediment and water are from a site in the Winokapau Lake area. These analyses suggest the presence of hitherto unrecognized copper mineralization in the catchment basin of the lake in question.

5. Gold analyses in sediment, copper analyses in sediment and water, and nickel and zinc analyses in sediment in the Schefferville area highlight areas of possible exploration interest.

6. Maps of most element distributions are not discussed in the report but they may offer valuable exploration information concerning bedrock composition in the drainage basins or exploration targets in their own right.

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The following two pages provide a guide to the variables in Appendices 1 and 2

Variable	Position	Label	Label key	
FIELD AND DESCRIPTIVE DATA				
labnum	1	Laboratory sample number		
fldnum	2	Field number		
labnum_w	3	Laboratory number for water		
fldnum_w	4	Field number for water		
samptype	5	Sample type	2. lake-sediment sample only 5. lake-sediment and water 7. lake-water	
sampyear	6	Year of sampling		
sampdate	7	Year-month-day sample collected		
subnum	8	Last 4 digits of fldnum		
srvyarea	9	One of 3 2006 survey areas		
sitedup	10	Site duplicate	0. routine single sample 1. 1st of site duplicate pair 2. 2nd of site duplicate pair	
utmzone	11	UTM zone number		
utmeast	12	UTM easting (m)		
utmnorth	13	UTM northing (m)		
long_NAD27	14	Longitude in decimal degrees		
lat_NAD27	15	Latitude in decimal degrees		
NTS_Map	16	National Topographic System 1:50 000 map		
area_km2	17	Lake area (km2)		
depth_m	18	Sample depth (m)		
veg	19	Vegetation around lake	1. forest 2. bog 3. mixed bog and forest 4. barren (>25% rock)	5. burned 6. rock and forest 7. tundra (<25% rock)
colour	20	Sediment colour	1. tan-yellow 2. brown 3. brown, jelly-like 4. chocolate-brown 5. greenish brown 6. green	7. grey 8. black 10. orange 13. grey-brown 14. other
comp	21	Sediment composition	1. clastic, fine-grained 2. clastic, coarse-grained 3. organic ooze	4. granular organic 5. organic peaty
contam	22	Contamination of site	0. none 1. road	2. trenching 5. other
watclr	23	Water colour	1. colourless 2. yellow	3. brown
watsusp	24	Suspended matter in water	1. scarce	2. abundant
mass_g	25	Weight used by INAA_lab to calculate analyses		

Variable	Position	Label
SEDIMENT DATA		
Ag6_ppm	26	HNO_3; AA
Al2_pct	27	$HClO_4$-HF-HCl; ICP
As1_ppm	28	INAA
As2_ppm	29	$HClO_4$-HF-HCl; ICP
Au1_ppb	30	INAA
Ba1_ppm	31	INAA
Ba2_ppm	32	$HClO_4$-HF-HCl; ICP
Be2_ppm	33	$HClO_4$-HF-HCl; ICP
Br1_ppm	34	INAA
Ca2_pct	35	$HClO_4$-HF-HCl; ICP
Cd2_pct	36	$HClO_4$-HF-HCl; ICP
Ce1_ppm	37	INAA
Ce2_ppm	38	$HClO_4$-HF-HCl; ICP
Co1_ppm	39	INAA
Co2_ppm	40	$HClO_4$-HF-HCl; ICP
Cr1_ppm	41	INAA
Cr2_ppm	42	$HClO_4$-HF-HCl; ICP
Cs1_ppm	43	INAA
Cu2_ppm	44	$HClO_4$-HF-HCl; ICP
Dy2_ppm	45	$HClO_4$-HF-HCl; ICP
Eu1_ppm	46	INAA
F9_ppm	47	ion-selective electrode
Fe1_pct	48	wt. %; INAA
Fe2_pct	49	$HClO_4$-HF-HCl; ICP
Hf1_ppm	50	INAA
K2_pct	51	$HClO_4$-HF-HCl; ICP
La1_ppm	52	INAA
La2_ppm	53	$HClO_4$-HF-HCl; ICP
Li2_ppm	54	$HClO_4$-HF-HCl; ICP
LOI_pct	55	loss-on-ignition
Lu1_ppm	56	INAA
Mg2_pct	57	$HClO_4$-HF-HCl; ICP
Mn2_pct	58	$HClO_4$-HF-HCl; ICP
Mo1_ppm	59	INAA
Mo2_ppm	60	$HClO_4$-HF-HCl; ICP
Na1_pct	61	wt. %; INAA
Na2_pct	62	$HClO_4$-HF-HCl; ICP
Nb2_ppm	63	$HClO_4$-HF-HCl; ICP
Ni2_ppm	64	$HClO_4$-HF-HCl; ICP
P2_ppm	65	$HClO_4$-HF-HCl; ICP
Pb2_ppm	66	$HClO_4$-HF-HCl; ICP
Rb1_ppm	67	INAA
Rb2_ppm	68	$HClO_4$-HF-HCl; AAS
Sb1_ppm	69	INAA
Sc1_ppm	70	INAA
Sc2_ppm	71	$HClO_4$-HF-HCl; ICP
Se1_ppm	72	INAA

Variable	Position	Label
SEDIMENT DATA (continued)		
Sm1_ppm	73	INAA
Sr2_ppm	74	$HClO_4$-HF-HCl; ICP
Ta1_ppm	75	INAA
Tb1_ppm	76	INAA
Th1_ppm	77	INAA
Ti2_ppm	78	$HClO_4$-HF-HCl; ICP
U1_ppm	79	INAA
V2_ppm	80	$HClO_4$-HF-HCl; ICP
W1_ppm	81	INAA
Y2_ppm	82	$HClO_4$-HF-HCl; ICP
Yb1_ppm	83	INAA
Zn2_ppm	84	$HClO_4$-HF-HCl; ICP
Zr1_ppm	85	INAA
Zr2_ppm	86	$HClO_4$-HF-HCl; ICP
WATER DATA		
conduct_ µS	87	Conductivity of water, µS; Corning meter
pH_w	88	pH of water; Corning meter
Alw2_ppb	89	ICP-USN
Asw2x_ppb	90	ICP-USN-H-H_2O_2
Baw2_ppb	91	ICP-USN
Bew2_ppb	92	ICP-USN
Caw1_ppm	93	ICP-ES
Cdw2_ppb	94	ICP-USN
Cow2_ppb	95	ICP-USN
Crw2_ppb	96	ICP-USN
Cuw2_ppb	97	ICP-USN
Few1_ppb	98	ICP-ES
Kw1_ppm	99	ICP-ES
Liw2_ppb	100	ICP-USN
Mgw1_ppm	101	ICP-ES
Mnw1_ppb	102	ICP-ES
Mow2_ppb	103	ICP-USN
Naw1_ppm	104	ICP-ES
Niw2_ppb	105	ICP-USN
Pw2_ppb	106	ICP-USN
Pbw2_ppb	107	ICP-USN
Siw1_ppm	108	ICP-ES
SO_4w1_ppm	109	ICP-ES
Srw2_ppb	110	ICP-USN
Tiw2_ppb	111	ICP-USN
Uw3_ppb	112	ICP-MS; Maxxam Analytical Inc.
Vw2_ppb	113	ICP-USN
Yw2_ppb	114	ICP-USN
Znw2_ppb	115	ICP-USN

Note: Analytical variables with values of -9 indicate no data.

APPENDIX 1

Sample Numbers, UTM Locations, Field Data and Analyses of Lake Sediment and Water Data for the Winokapau Lake Area

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224413	6254602	6273725	6274602	5	2006	060720	4602	2	0	20	537127	5901576	13E08	.050	3.0	1	4	3	1	1	1	3.815
6224414	6254603	6273726	6274603	5	2006	060720	4603	2	0	20	536394	5902981	13E08	.120	6.0	1	4	3	0	1	1	7.501
6224415	6254604	6273727	6274604	5	2006	060720	4604	2	0	20	533442	5903253	13E08	.020	4.0	1	4	3	0	1	1	7.763
6224416	6254605	6273728	6274605	5	2006	060720	4605	2	0	20	534828	5905255	13E08	.310	3.0	1	4	3	0	1	1	9.206
6224417	6254606	6273729	6274606	5	2006	060720	4606	2	0	20	534440	5906180	13E08	.110	2.0	1	4	3	0	1	1	10.765
6224418	6254607	6273731	6274607	5	2006	060720	4607	2	0	20	533666	5905756	13E08	.060	2.0	1	2	3	0	1	1	10.590
6224419	6254608	6273732	6274608	5	2006	060720	4608	2	0	20	535270	5908382	13E08	.230	5.0	1	2	3	0	1	1	7.808
6224421	6254609	6273733	6274609	5	2006	060720	4609	2	0	20	536673	5908716	13E08	.020	5.0	3	4	3	0	1	1	4.901
6224422	6254610	6273734	6274610	5	2006	060720	4610	2	0	20	538323	5910561	13E08	.050	4.0	3	4	3	0	1	1	10.890
6224423	6254611	6273735	6274611	5	2006	060720	4611	2	0	20	536051	5911278	13E08	.080	1.0	3	4	5	0	1	1	12.259
6224424	6254612	6273736	6274612	5	2006	060720	4612	2	0	20	534062	5912231	13E08	.020	1.0	3	4	5	0	1	1	7.045
6224425	6254613	6273737	6274613	5	2006	060720	4613	2	0	20	536353	5915785	13E08	.080	3.0	3	2	3	0	1	1	22.552
6224426	6254614	6273738	6274614	5	2006	060720	4614	2	0	20	533594	5915827	13E08	.010	1.0	6	4	5	0	1	1	10.018
6224427	6254615	6273739	6274615	5	2006	060720	4615	2	0	20	535014	5918670	13E08	.110	3.0	1	2	3	0	1	1	9.495
6224428	6254616	6273741	6274616	5	2006	060720	4616	2	0	20	534752	5920164	13E08	.030	3.0	6	2	3	0	1	1	7.666
6224429	6254617	6273742	6274617	5	2006	060720	4617	2	0	20	533197	5920169	13E08	.050	10.0	1	4	3	0	1	1	11.987
6224431	6254618	6273743	6274618	5	2006	060720	4618	2	0	20	535679	5922623	13E08	.070	2.0	6	2	5	0	1	1	5.522
6224432	6254619	6273744	6274619	5	2006	060720	4619	2	0	20	534639	5924888	13E08	.020	4.0	6	2	3	0	1	1	7.539
6224433	6254620	6273745	6274620	5	2006	060720	4620	2	0	20	533471	5926042	13E08	.270	8.0	6	7	4	0	1	1	21.985
6224434	6254621	6273746	6274621	5	2006	060720	4621	2	0	20	537483	5926654	13E08	.190	2.0	1	2	5	0	1	1	10.112
6224435	6254622	6273747	6274622	5	2006	060720	4622	2	1	20	536167	5926800	13E08	.560	10.0	6	4	3	0	1	1	14.084
6224436	6254623	6273748	6274623	5	2006	060720	4623	2	2	20	536080	5926783	13E08	.560	18.0	6	2	3	0	1	1	17.034
6224437	6254624	6273749	6274624	5	2006	060720	4624	2	0	20	541440	5924227	13E08	.040	3.0	6	4	3	0	1	1	7.347
6224438	6254625	6273751	6274625	5	2006	060720	4625	2	0	20	539554	5925014	13E08	.220	6.1	6	2	3	0	1	1	7.143
6224439	6254626	6273752	6274626	5	2006	060720	4626	2	0	20	538255	5925309	13E08	.740	9.0	6	4	3	0	1	1	33.347
6224441	6254627	6273753	6274627	5	2006	060720	4627	2	0	20	540152	5922462	13E08	.020	6.0	1	4	3	0	0	3	7.054
6224442	6254628	6273754	6274628	5	2006	060720	4628	2	0	20	537126	5921659	13E08	.450	9.0	1	2	3	0	1	1	26.504
6224443	6254629	6273755	6274629	5	2006	060720	4629	2	0	20	536979	5920385	13E08	.030	5.0	1	2	3	0	1	1	15.719
6224444	6254630	6273756	6274630	5	2006	060720	4630	2	0	20	539147	5919701	13E08	.050	3.0	1	2	3	0	1	1	5.473
6224445	6254631	6273757	6274631	5	2006	060720	4631	2	0	20	540941	5917447	13E08	.150	4.0	3	2	3	0	1	1	12.690
6224446	6254632	6273758	6274632	5	2006	060720	4632	2	0	20	538235	5916793	13E08	.010	1.0	3	4	5	0	1	1	7.407
6224447	6254633	6273759	6274633	5	2006	060720	4633	2	0	20	540365	5913071	13E08	.040	3.0	6	2	3	0	1	1	8.236
6224448	6254634	6273761	6274634	5	2006	060720	4634	2	0	20	540131	5911413	13E08	.010	1.0	3	4	5	0	1	1	8.784
6224449	6254635	6273762	6274635	5	2006	060720	4635	2	0	20	537697	5912384	13E08	.060	2.0	6	2	5	0	1	1	7.280
6224451	6254636	6273763	6274636	5	2006	060720	4636	2	0	20	542019	5910026	13E08	.330	6.0	1	4	3	0	1	1	8.035
6224452	6254637	6273764	6274637	5	2006	060720	4637	2	0	20	564208	5926178	13E08	.070	1.0	6	4	1	0	1	1	13.466
6224453	6254638	6273765	6274638	5	2006	060720	4638	2	0	20	563296	5925103	13E08	.020	1.0	3	4	4	0	1	1	14.841
6224454	6254639	6273766	6274639	5	2006	060720	4639	2	0	20	561940	5924152	13E08	.080	1.0	3	4	3	0	2	1	9.906
6224455	6254640	6273767	6274640	5	2006	060720	4640	2	0	20	562473	5927078	13E08	.060	1.0	3	4	3	0	2	1	8.441
6224456	6254641	6273768	6274641	5	2006	060720	4641	2	0	20	559869	5927378	13E08	.060	1.0	1	2	3	0	2	1	5.837
6224457	6254642	6273769	6274642	5	2006	060720	4642	2	0	20	558890	5925585	13E08	.200	3.0	1	4	3	0	1	1	10.511
6224458	6254643	6273771	6274643	5	2006	060720	4643	2	0	20	557382	5925059	13E08	.120	5.0	1	4	3	0	1	1	21.632
6224459	6254644	6273772	6274644	5	2006	060720	4644	2	0	20	557205	5925794	13E08	.470	6.0	1	4	3	0	1	1	12.117
6224461	6254645	6273773	6274645	5	2006	060720	4645	2	0	20	555618	5925299	13E08	.470	3.0	1	3	1	0	1	1	34.716
6224462	6254646	6273774	6274646	5	2006	060720	4646	2	0	20	555012	5926547	13E08	.390	4.0	1	4	3	0	1	1	9.575
6224463	6254647	6273775	6274647	5	2006	060720	4647	2	0	20	553450	5926319	13E08	.050	1.0	1	4	3	0	1	1	10.021
6224464	6254648	6273776	6274648	5	2006	060720	4648	2	0	20	551044	5926713	13E08	.700	4.0	1	2	4	0	1	1	19.942
6224465	6254649	6273777	6274649	5	2006	060720	4649	2	0	20	548563	5925888	13E08	.380	1.0	3	4	4	0	1	1	16.427
6224466	6254650	6273778	6274650	5	2006	060720	4650	2	0	20	546314	5927527	13E08	.110	1.0	3	2	4	0	2	1	21.707
6224467	6254651	6273779	6274651	5	2006	060720	4651	2	0	20	543893	5926845	13E08	.050	1.0	3	4	3	0	2	1	8.770
6224468	6254652	6273781	6274652	5	2006	060720	4652	2	1	20	541610	5927673	13E08	.080	3.0	1	4	3	0	1	1	8.991
6224469	6254653	6273782	6274653	5	2006	060720	4653	2	2	20	541608	5927670	13E08	.080	3.0	1	4	3	0	1	1	7.491
6224471	6254654	6273783	6274654	5	2006	060720	4654	2	0	20	539427	5927536	13E08	.260	10.0	1	4	3	0	1	1	17.299
6224472	6254655	6273784	6274655	5	2006	060720	4655	2	0	20	552925	5924084	13E08	.700	5.0	1	2	3	0	2	1	13.987
6224473	6254656	6273785	6274656	5	2006	060720	4656	2	0	20	550912	5923738	13E08	.600	6.0	1	3	3	0	2	1	31.291
6224474	6254657	6273786	6274657	5	2006	060720	4657	2	0	20	548652	5923552	13E08	.050	2.0	1	2	4	0	1	1	37.156
6224475	6254658	6273787	6274658	5	2006	060720	4658	2	0	20	546736	5924305	13E08	.210	4.0	1	2	3	0	1	1	15.542
6224476	6254659	6273788	6274659	5	2006	060720	4659	2	0	20	545081	5923911	13E08	.010	1.0	3	4	4	0	2	2	21.695
6224477	6254660	6273789	6274660	5	2006	060720	4660	2	0	20	543301	5922057	13E08	.180	6.0	1	4	3	0	2	1	9.881
6224478	6254661	6273791	6274661	5	2006	060720	4661	2	0	20	542519	5921887	13E08	.010	1.0	3	2	5	0	2	1	4.249
6224479	6254662	6273792	6274662	5	2006	060720	4662	2	0	20	540753	5920552	13E08	.020	4.0	1	4	3	0	2	1	6.626
6224481	6254663	6273793	6274663	5	2006	060720	4663	2	0	20	544920	5918083	13E08	.520	2.0	1	4	3	0	1	1	28.527
6224482	6254664	6273794	6274664	5	2006	060720	4664	2	0	20	542780	5918238	13E08	.500	4.0	1	4	3	0	1	1	8.435
6224483	6254665	6273795	6274665	5	2006	060720	4665	2	0	20	545809	5915210	13E08	.230	1.0	1	4	3	0	1	1	10.079
6224484	6254666	6273796	6274666	5	2006	060720	4666	2	0	20	544582	5915343	13E08	.050	4.0	1	4	3	0	1	1	5.308
6224485	6254667	6273797	6274667	5	2006	060720	4667	2	0	20	543908	5912163	13E08	.120	1.0	3	2	3	0	1	1	8.797
6224486	6254668	6273798	6274668	5	2006	060720	4668	2	0	20	543286	5911277	13E08	.080	10.0	6	4	1	0	1	1	23.161
6224487	6254669	6273799	6274669	5	2006	060720	4669	2	0	20	543646	5909811	13E08	.330	4.0	1	4	4	0	2	1	48.248

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224488	6254670	6273801	6274670	5	2006	060720	4670	2	0	20	537400	5906847	13E08	.090	2.0	1	4	3	0	2	2	10.331
6224489	6254671	6273802	6274671	5	2006	060720	4671	2	0	20	536712	5905474	13E08	.020	1.0	3	4	5	0	2	1	17.524
6224491	6254672	6273803	6274672	5	2006	060720	4672	2	0	20	540325	5904203	13E08	.090	4.0	1	4	3				8.639
6224492	6254673	6273804	6274673	5	2006	060720	4673	2	1	20	538928	5902541	13E08	.120	7.0	7	4	3	0	1	1	8.765
6224493	6254674	6273805	6274674	5	2006	060720	4674	2	2	20	538923	5902531	13E08	.120	7.0	7	4	3	0	1	1	9.454
6224494	6254675	6273806	6274675	5	2006	060720	4675	2	0	20	542900	5902351	13E08	.030	3.0	3	4	1	0	2	1	12.148
6224495	6254676	6273807	6274676	5	2006	060721	4676	2	0	20	548121	5915959	13E08	.370	5.0	1	4	3	0	1	1	9.259
6224496	6254677	6273808	6274677	5	2006	060721	4677	2	0	20	551335	5916181	13E08	.180	2.0	3	4	3	0	2	1	14.029
6224497	6254678	6273809	6274678	5	2006	060721	4678	2	0	20	553427	5915437	13E08	.170	4.0	3	2	3	0	1	1	8.353
6224498	6254679	6273811	6274679	5	2006	060721	4679	2	0	20	555531	5915670	13E08	.080	4.0	6	2	3	0	1	1	13.985
6224499	6254680	6273812	6274680	5	2006	060721	4680	2	0	20	558130	5916196	13E08	.120	3.0	1	2	3	0	1	1	16.708
6224501	6254681	6273813	6274681	5	2006	060721	4681	2	0	20	559821	5915864	13E08	.190	3.0	3	4	3	0	1	1	8.152
6224502	6254682	6273814	6274682	5	2006	060721	4682	2	0	20	565080	5919978	13E08	1.600	4.0	3	2	3	0	1	1	15.599
6224503	6254683	6273815	6274683	5	2006	060721	4683	2	0	20	564492	5921893	13E08	.500	4.0	3	4	3	0	1	1	8.640
6224504	6254684	6273816	6274684	5	2006	060721	4684	2	0	20	561818	5922438	13E08	.050	2.0	3	2	3	0	1	1	21.804
6224505	6254685	6273817	6274685	5	2006	060721	4685	2	0	20	561988	5920109	13E08	.050	2.0	3	2	3	0	1	1	7.029
6224506	6254686	6273818	6274686	5	2006	060721	4686	2	0	20	560687	5919790	13E08	.300	4.0	3	4	3	0	2	1	19.242
6224507	6254687	6273819	6274687	5	2006	060721	4687	2	0	20	560684	5922206	13E08	.290	8.0	3	4	3	0	1	1	17.504
6224508	6254688	6273821	6274688	5	2006	060721	4688	2	0	20	554270	5911677	13E08	.250	5.0	3	2	3	0	1	1	9.606
6224509	6254689	6273822	6274689	5	2006	060721	4689	2	0	20	558295	5920538	13E08	.100	5.0	1	4	3	0	1	1	11.123
6224511	6254690	6273823	6274690	5	2006	060721	4690	2	0	20	557793	5921916	13E08	.510	7.0	6	4	3	0	1	1	10.409
6224512	6254691	6273824	6274691	5	2006	060721	4691	2	0	20	555970	5921622	13E08	.510	4.0	3	2	3	0	1	1	34.561
6224513	6254692	6273825	6274692	5	2006	060721	4692	2	0	20	554388	5921379	13E08	.020	2.0	3	4	3	0	1	1	29.437
6224514	6254693	6273826	6274693	5	2006	060721	4693	2	0	20	553086	5922670	13E08	.750	2.0	3	4	3	0	1	1	11.351
6224515	6254694	6273827	6274694	5	2006	060721	4694	2	0	20	551980	5922634	13E08	.100	3.0	3	4	3	0	1	1	12.523
6224516	6254695	6273828	6274695	5	2006	060721	4695	2	0	20	549040	5922089	13E08	.570	3.0	3	2	3	0	1	1	14.271
6224517	6254696	6273829	6274696	5	2006	060721	4696	2	0	20	546801	5922383	13E08	1.400	6.0	1	2	3	0	1	1	12.440
6224518	6254697	6273831	6274697	5	2006	060721	4697	2	0	20	545389	5920541	13E08	.020	1.0	3	2	3	0	1	1	5.135
6224519	6254698	6273832	6274698	5	2006	060721	4698	2	0	20	552003	5920959	13E08	.120	2.0	3	2	3	0	2	1	8.598
6224521	6254699	6273833	6274699	5	2006	060721	4699	2	0	20	551461	5920540	13E08	.450	4.0	3	4	3	0	1	1	19.106
6224522	6254700	6273834	6274700	5	2006	060721	4700	2	0	20	548956	5920536	13E08	.360	2.0	3	2	3	0	1	1	29.150
6224523	6254701	6273835	6274701	5	2006	060721	4701	2	0	20	547515	5918931	13E08	.070	2.0	3	2	3	0	1	1	6.337
6224524	6254702	6273836	6274702	5	2006	060721	4702	2	0	20	546929	5917854	13E08	.040	1.0	3	4	3	0	1	2	9.479
6224525	6254703	6273837	6274703	5	2006	060721	4703	2	1	20	554381	5913289	13E08	.100	3.0	3	2	3	0	2	1	19.840
6224526	6254704	6273838	6274704	5	2006	060721	4704	2	2	20	554334	5913297	13E08	.100	3.0	3	2	3	0	2	1	9.537
6224527	6254705	6273839	6274705	5	2006	060721	4705	2	0	20	552348	5913217	13E08	.030	2.0	3	4	3	0	1	1	11.316
6224528	6254706	6273841	6274706	5	2006	060721	4706	2	0	20	551385	5913863	13E08	.040	1.0	3	4	3	0	2	1	8.107
6224529	6254707	6273842	6274707	5	2006	060721	4707	2	0	20	548917	5914135	13E08	.020	1.0	3	4	3	0	1	1	8.030
6224531	6254708	6273843	6274708	5	2006	060721	4708	2	0	20	547161	5912871	13E08	.450	4.0	3	2	3	0	1	1	12.714
6224532	6254709	6273844	6274709	5	2006	060721	4709	2	0	20	549775	5912021	13E08	.060	3.0	3	2	3	0	2	1	8.416
6224533	6254710	6273845	6274710	5	2006	060721	4710	2	0	20	549292	5911514	13E08	.470	4.0	3	2	3	0	1	1	16.081
6224534	6254711	6273846	6274711	5	2006	060721	4711	2	0	20	546518	5911289	13E08	.020	1.0	3	4	3	0	1	1	8.140
6224535	6254712	6273847	6274712	5	2006	060721	4712	2	0	20	545549	5909612	13E08	.040	3.0	3	2	3	0	1	1	6.234
6224536	6254713	6273848	6274713	5	2006	060721	4713	2	0	20	549318	5908282	13E08	.004	5.0	6	4	3	0	2	1	6.936
6224537	6254714	6273849	6274714	5	2006	060721	4714	2	0	20	550958	5905590	13E08	.030	2.0	1	2	3	0	1	1	9.633
6224538	6254715	6273851	6274715	5	2006	060721	4715	2	0	20	549729	5904110	13E08	.130	1.0	3	2	5	0	2	1	6.286
6224539	6254716	6273852	6274716	5	2006	060721	4716	2	0	20	549064	5904858	13E08	.080	1.0	3	4	5	0	1	1	13.330
6224541	6254717	6273853	6274717	5	2006	060721	4717	2	0	20	548220	5906461	13E08	.010	1.0	3	4	5	0	1	1	4.533
6224542	6254718	6273854	6274718	5	2006	060721	4718	2	0	20	547497	5906245	13E08	.020	2.0	3	2	3	0	1	1	3.332
6224543	6254719	6273855	6274719	5	2006	060721	4719	2	0	20	546552	5905248	13E08	.004	1.0	3	2	2	0	1	1	18.222
6224544	6254720	6273856	6274720	5	2006	060721	4720	2	0	20	541799	5906091	13E08	.030	3.0	3	7	1	0	1	1	3.873
6224545	6254721	6273857	6274721	5	2006	060721	4721	2	0	20	540475	5906915	13E08	.060	3.0	3	2	4	0	1	1	5.594
6224546	6254722	6273858	6274722	5	2006	060721	4722	2	0	20	543577	5903219	13E08	.550	3.0	1	4	3	0	1	1	13.228
6224547	6254723	6273859	6274723	5	2006	060721	4723	2	0	20	542665	5903630	13E08	.080	3.0	3	4	3	0	1	1	5.854
6224548	6254724	6273861	6274724	5	2006	060721	4724	2	0	20	548736	5901795	13E08	.040	1.0	3	4	5	0	1	1	7.362
6224549	6254725	6273862	6274725	5	2006	060721	4725	2	1	20	546735	5901527	13E08	.100	2.0	1	4	3	0	1	1	6.913
6224551	6254726	6273863	6274726	5	2006	060721	4726	2	2	20	546735	5901530	13E08	.100	2.0	1	4	3	0	1	1	7.026
6224552	6254727	6273864	6274727	5	2006	060721	4727	2	0	20	545215	5901129	13E08	.020	1.0	3	4	5	0	1	1	11.311
6224553	6254728	6273865	6274728	5	2006	060722	4728	2	0	20	553339	5902693	13E08	.060	1.0	3	4	5	0	1	1	16.119
6224554	6254729	6273866	6274729	5	2006	060722	4729	2	0	20	551910	5903253	13E08	.200	2.0	3	4	3	0	1	1	9.660
6224555	6254730	6273867	6274730	5	2006	060722	4730	2	0	20	554867	5904638	13E08	.770	4.0	3	4	3	0	1	1	20.610
6224556	6254731	6273868	6274731	5	2006	060722	4731	2	0	20	555039	5906078	13E08	.020	1.0	1	4	5	0	1	1	10.905
6224557	6254732	6273869	6274732	5	2006	060722	4732	2	0	20	555108	5907957	13E08	.030	1.0	3	4	5	0	1	1	15.889
6224558	6254733	6273871	6274733	5	2006	060722	4733	2	0	20	553610	5907875	13E08	.050	1.0	6	4	5	0	1	1	7.354
6224559	6254734	6273872	6274734	5	2006	060722	4734	2	0	20	551319	5909619	13E08	.010	4.0	3	4	3	0	1	1	13.105
6224561	6254735	6273873	6274735	5	2006	060722	4735	2	0	20	556811	5911398	13E08	.020	2.0	3	4	5	0	1	1	17.209
6224562	6254736	6273874	6274736	5	2006	060722	4736	2	0	20	557976	5914343	13E08	.150	3.0	1	4	3	0	1	1	8.129
6224563	6254737	6273875	6274737	5	2006	060722	4737	2	0	20	559605	5913816	13E08	.770	3.0	1	4	3	0	1	1	23.307

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224564	6254738	6273876	6274738	5	2006	060722	4738	2	0	20	559389	5911657	13E08	.150	3.0	3	4	3	0	1	1	8.091
6224565	6254739	6273877	6274739	5	2006	060722	4739	2	0	20	558249	5910923	13E08	.290	3.0	3	4	3	0	1	1	25.235
6224566	6254740	6273878	6274740	5	2006	060722	4740	2	0	20	558011	5909026	13E08	.070	3.0	3	4	3	0	1	1	10.004
6224567	6254741	6273879	6274741	5	2006	060722	4741	2	0	20	556418	5905827	13E08	.030	8.0	6	4	3	0	1	1	9.958
6224568	6254742	6273881	6274742	5	2006	060722	4742	2	0	20	554837	5902482	13E08	.020	10.0	1	4	3	0	1	1	15.688
6224569	6254743	6273882	6274743	5	2006	060722	4743	2	0	20	557205	5902352	13E08	.050	2.0	3	4	5	0	1	1	10.938
6224571	6254744	6273883	6274744	5	2006	060722	4744	2	0	20	558214	5903554	13E08	.050	1.0	3	2	5	0	2	1	7.715
6224572	6254745	6273884	6274745	5	2006	060722	4745	2	0	20	558975	5904533	13E08	.010	1.0	3	4	3	0	1	1	10.970
6224573	6254746	6273885	6274746	5	2006	060722	4746	2	0	20	559261	5907368	13E08	.030	1.0	3	4	5	0	1	1	9.576
6224574	6254747	6273886	6274747	5	2006	060722	4747	2	0	20	561651	5908948	13E08	.100	1.0	3	4	5	0	1	1	5.963
6224575	6254748	6273887	6274748	5	2006	060722	4748	2	0	20	559966	5909558	13E08	.030	1.0	3	4	5	0	2	1	7.179
6224576	6254749	6273888	6274749	5	2006	060722	4749	2	0	20	561541	5911370	13E08	.090	6.0	3	4	3	0	1	1	7.585
6224577	6254750	6273889	6274750	5	2006	060722	4750	2	0	20	561675	5913246	13E08	.050	1.0	3	4	5	0	1	1	4.635
6224578	6254751	6273891	6274751	5	2006	060722	4751	2	0	20	561644	5914975	13E08	.190	2.0	3	4	5	0	1	1	14.493
6224579	6254752	6273892	6274752	5	2006	060722	4752	2	0	20	565709	5915048	13E08	.030	1.0	3	4	5	0	1	1	13.149
6224581	6254753	6273893	6274753	5	2006	060722	4753	2	0	20	565115	5913418	13E08	.020	1.0	3	4	5	0	2	1	10.051
6224582	6254754	6273894	6274754	5	2006	060722	4754	2	0	20	566560	5911704	13E08	.150	1.0	3	2	5	0	1	1	30.720
6224583	6254755	6273895	6274755	5	2006	060722	4755	2	0	20	565127	5911088	13E08	.060	1.0	3	4	3	0	1	1	6.969
6224584	6254756	6273896	6274756	5	2006	060722	4756	2	0	20	563644	5909133	13E08	.030	1.0	3	4	5	0	1	1	15.201
6224585	6254757	6273897	6274757	5	2006	060722	4757	2	1	20	562252	5906931	13E08	.220	2.0	3	2	3	0	1	1	11.696
6224586	6254758	6273898	6274758	5	2006	060722	4758	2	2	20	562283	5906948	13E08	.220	2.0	3	2	3	0	1	1	11.344
6224587	6254759	6273899	6274759	5	2006	060722	4759	2	0	20	564399	5906380	13E08	.370	3.0	3	4	3	0	1	1	18.745
6224588	6254760	6273901	6274760	5	2006	060722	4760	2	0	20	566538	5904179	13E08	.370	3.0	3	4	3	0	1	1	9.567
6224589	6254761	6273902	6274761	5	2006	060722	4761	2	0	20	563854	5904180	13E08	.700	5.0	3	4	3	0	1	1	10.404
6224591	6254762	6273903	6274762	5	2006	060722	4762	2	0	20	562983	5903157	13E08	.120	3.0	3	2	3	0	1	1	12.941
6224592	6254763	6273904	6274763	5	2006	060722	4763	2	0	20	561834	5904288	13E08	.200	1.0	3	4	5	0	1	1	8.510
6224593	6254764	6273905	6274764	5	2006	060722	4764	2	0	20	559549	5901415	13E08	.200	1.0	3	2	1	0	1	1	26.195
	6274765	6273906	6274765	7	2006	060722	4765	2	0	20	555497	5900498	13E01	.250	3.0	3	4	3	0	1	1	
6224595	6254766	6273907	6274766	5	2006	060722	4766	2	0	20	540779	5898799	13E01	.190	4.0	3	2	2	0	2	1	14.448
6224596	6254767	6273908	6274767	5	2006	060722	4767	2	0	20	542400	5898462	13E01	.030	1.0	3	4	3	0	2	1	40.571
6224597	6254768	6273909	6274768	5	2006	060722	4768	2	0	20	545993	5898868	13E01	.050	2.0	3	4	3	0	2	1	8.852
6224598	6254769	6273911	6274769	5	2006	060722	4769	2	0	20	546677	5899547	13E01	.090	2.0	3	4	3	0	1	1	9.812
6224599	6254770	6273912	6274770	5	2006	060722	4770	2	0	20	548157	5899475	13E01	.040	2.0	1	4	3	0	2	1	5.208
6224601	6254771	6273913	6274771	5	2006	060722	4771	2	0	20	551439	5899068	13E01	.001	5.0	3	4	3	0	2	1	4.113
6224602	6254772	6273914	6274772	5	2006	060722	4772	2	0	20	553808	5898575	13E01	.040	1.0	3	2	1	0	1	1	6.054
6224603	6254773	6273915	6274773	5	2006	060722	4773	2	0	20	554115	5896854	13E01	.030	1.0	3	2	2	0	1	1	8.440
6224604	6254774	6273916	6274774	5	2006	060722	4774	2	0	20	554658	5897061	13E01	.030	1.0	3	2	3	0	1	1	23.058
6224605	6254775	6273917	6274775	5	2006	060722	4775	2	0	20	556708	5896906	13E01	.003	.3	3	2	4	0	1	1	9.261
	6274776	6273918	6274776	7	2006	060722	4776	2	0	20	555604	5898023	13E01	.030		3			0	1	1	
6224607	6254777	6273919	6274777	5	2006	060722	4777	2	0	20	558266	5898913	13E01	.170	5.0	5	4	3	0	1	1	7.994
6224608	6254778	6273921	6274778	5	2006	060722	4778	2	0	20	558093	5896158	13E01	.030	2.0	3	2	3	0	2	1	3.691
6224609	6254779	6273922	6274779	5	2006	060722	4779	2	0	20	559595	5896255	13E01	.020	1.0	5	4	3	0	1	1	8.265
6224611	6254780	6273923	6274780	5	2006	060722	4780	2	0	20	561600	5897012	13E01	.010	5.0	5	4	3	0	1	1	4.555
6224612	6254781	6273924	6274781	5	2006	060722	4781	2	0	20	563662	5897138	13E01	.020	1.0	3	2	3	0	2	1	3.986
6224613	6254782	6273925	6274782	5	2006	060722	4782	2	0	20	565052	5897306	13E01	.020	2.0	3	2	3	0	2	1	4.898
6224614	6254783	6273926	6274783	5	2006	060722	4783	2	0	20	563702	5898386	13E01	.040	1.0	3	4	3	0	2	1	13.380
6224615	6254784	6273927	6274784	5	2006	060722	4784	2	0	20	564813	5898925	13E01	.100	1.0	3	4	3	0	2	1	9.739
6224616	6254785	6273928	6274785	5	2006	060722	4785	2	1	20	560667	5899560	13E01	.080	2.0	5	2	3	0	1	1	6.965
6224617	6254786	6273929	6274786	5	2006	060722	4786	2	2	20	560649	5899587	13E01	.080	2.0	5	2	3	0	1	1	5.293
6224618	6254787	6273931	6274787	5	2006	060722	4787	2	0	20	558909	5894526	13E01	.040	2.0	3	4	3	0	1	1	5.978
6224619	6254788	6273932	6274788	5	2006	060722	4788	2	0	20	560847	5894790	13E01	.090	9.0	1	4	3	0	1	1	12.157
6224621	6254789	6273933	6274789	5	2006	060722	4789	2	0	20	562342	5894674	13E01	.080	13.0	5	4	3	0	1	1	11.272
6224622	6254790	6273934	6274790	5	2006	060722	4790	2	0	20	564757	5895458	13E01	.150	4.0	1	3	2	0	2	1	8.636
6224623	6254791	6273935	6274791	5	2006	060722	4791	2	0	20	565700	5892533	13E01	.040	2.0	1	7	1	0	1	1	22.730
6224624	6254792	6273936	6274792	5	2006	060722	4792	2	0	20	565637	5889959	13E01	.030	1.0	3	4	3	0	2	1	6.273
6224625	6254793	6273937	6274793	5	2006	060722	4793	2	0	20	564897	5888720	13E01	.450	5.0	1	4	3	0	1	1	6.612
6224626	6254794	6273938	6274794	5	2006	060722	4794	2	0	20	563108	5887260	13E01	.040	4.0	1	4	3	0	1	1	6.171
6224627	6254795	6273939	6274795	5	2006	060722	4795	2	0	20	561219	5889247	13E01	.450	2.0	3	2	3	0	1	1	4.758
6224628	6254796	6273941	6274796	5	2006	060722	4796	2	0	20	560909	5890577	13E01	.010	3.0	1	3	3	0	1	1	6.067
6224629	6254797	6273942	6274797	5	2006	060722	4797	2	0	20	562259	5890177	13E01	.020	5.0	1	4	3	0	1	1	5.632
6224631	6254798	6273943	6274798	5	2006	060722	4798	2	1	20	563878	5890153	13E01	.520	5.0	3	4	3	0	1	1	8.758
6224632	6254799	6273944	6274799	5	2006	060722	4799	2	2	20	563893	5890162	13E01	.520	5.0	3	4	3	0	1	1	10.568
6224633	6254800	6273945	6274800	5	2006	060722	4800	2	0	20	562704	5893112	13E01	.010	1.0	3	9	5	0	3	2	6.082
	6274801	6273946	6274801	7	2006	060722	4801	2	0	20	561075	5893433	13E01	.010		3				2	2	
6224635	6254802	6273947	6274802	5	2006	060722	4802	2	0	20	558265	5891403	13E01	.030	1.0	3	4	1	0	2	2	10.853
6224636	6254803	6273948	6274803	5	2006	060722	4803	2	0	20	556875	5892301	13E01	.050	4.0	3	2	3	0	1	1	6.404
6224637	6254804	6273949	6274804	5	2006	060722	4804	2	0	20	558376	5893122	13E01	.090	4.0	5		3	0	2	1	5.072
	6274805	6273951	6274805	7	2006	060722	4805	2	0	20	555490	5894103	13E01	.010		1			0	2	1	

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224639	6254806	6273952	6274806	5	2006	060722	4806	2	0	20	552291	5894322	13E01	.030	2.0	3	4	3	1	1	1	4.577
6224641	6254807	6273953	6274807	5	2006	060722	4807	2	0	20	551129	5896919	13E01	.010	5.0	3	4	3	0	1	1	4.499
6224642	6254808	6273954	6274808	5	2006	060722	4808	2	0	20	549556	5897707	13E01	.020	2.0	3	4	3	0	2	1	8.204
6224643	6254809	6273955	6274809	5	2006	060722	4809	2	0	20	546619	5896295	13E01	.050	1.0	2	3	2	0	1	1	23.577
6224644	6254810	6273956	6274810	5	2006	060722	4810	2	0	20	544576	5897080	13E01	.030	1.0	2	3	2	0	1	1	20.895
6224645	6254811	6273957	6274811	5	2006	060722	4811	2	0	20	543069	5897964	13E01	.050	2.0	1	7	1	0	1	1	37.979
6224646	6254812	6273958	6274812	5	2006	060723	4812	2	0	20	542099	5895971	13E01	.100	4.0	3	4	3	0	1	1	9.416
6224647	6254813	6273959	6274813	5	2006	060723	4813	2	0	20	542401	5894915	13E01	.020	1.0	3	4	3	0	2	1	6.280
	6274814	6273961	6274814	7	2006	060723	4814	2	0	20	544658	5895127	13E01	.004		3			0	2	1	
6224649	6254815	6273962	6274815	5	2006	060723	4815	2	0	20	546022	5895554	13E01	.010	1.0	6	4	4	0	2	2	25.422
6224651	6254816	6273963	6274816	5	2006	060723	4816	2	0	20	548710	5895214	13E01	.030	2.0	3	2	3	0	2	1	4.606
6224652	6254817	6273964	6274817	5	2006	060723	4817	2	0	20	548984	5893568	13E01	.010	1.0	1	2	3	0	2	1	10.697
6224653	6254818	6273965	6274818	5	2006	060723	4818	2	0	20	550747	5894240	13E01	.010	4.0	3	2	3	0	2	1	4.467
6224654	6254819	6273966	6274819	5	2006	060723	4819	2	0	20	550643	5893613	13E01	.004	1.0	3	4	3	0	1	1	12.033
6224655	6254820	6273967	6274820	5	2006	060723	4820	2	0	20	551943	5893310	13E01	.010	1.0	3	4	5	0	2	1	9.082
6224656	6254821	6273968	6274821	5	2006	060723	4821	2	0	20	554982	5892327	13E01	.010	1.0	3	4	5	1	1	1	7.599
6224657	6254822	6273969	6274822	5	2006	060723	4822	2	0	20	555273	5890488	13E01	.060	4.0	6	4	3	0	1	1	31.897
6224658	6254823	6273971	6274823	5	2006	060723	4823	2	0	20	557593	5889607	13E01	.010	4.0	3	2	3	0	2	2	7.930
6224659	6254824	6273972	6274824	5	2006	060723	4824	2	0	20	558103	5887065	13E01	.030	7.0	3	3	2	0	2	1	4.776
6224661	6254825	6273973	6274825	5	2006	060723	4825	2	0	20	559930	5885537	13E01	.150	5.0	3	4	3	0	1	1	8.039
6224662	6254826	6273974	6274826	5	2006	060723	4826	2	0	20	561292	5884777	13E01	.070	4.0	1	4	3	0	2	1	8.256
6224663	6254827	6273975	6274827	5	2006	060723	4827	2	1	20	564282	5885793	13E01	.030	7.0	1	4	3	0	1	1	9.068
6224664	6254828	6273976	6274828	5	2006	060723	4828	2	2	20	564265	5885785	13E01	.030	7.0	1	4	3	0	1	1	7.420
6224665	6254829	6273977	6274829	5	2006	060723	4829	2	0	20	564471	5884365	13E01	.200	6.0	1	4	3	0	1	1	12.285
6224666	6254830	6273978	6274830	5	2006	060723	4830	2	0	20	564156	5882505	13E01	.080	1.0	3	2	1	0	2	1	4.527
6224667	6254831	6273979	6274831	5	2006	060723	4831	2	0	20	565224	5882134	13E01	.010	1.0	3	4	5	0	2	1	4.273
	6274832	6273981	6274832	7	2006	060723	4832	2	0	20	565976	5880605	13E01	.010		3			0	1	1	
6224669	6254833	6273982	6274833	5	2006	060723	4833	2	0	20	563617	5878213	13E01	.030	2.0	3	4	3	0	2	2	7.309
6224671	6254834	6273983	6274834	5	2006	060723	4834	2	0	20	567009	5876445	13E01	.020	1.0	3	13	4	0	1	1	15.182
6224672	6254835	6273984	6274835	5	2006	060723	4835	2	0	20	566894	5874938	13E01	.030	1.0	3	2	5	0	1	1	6.007
6224673	6254836	6273985	6274836	5	2006	060723	4836	2	0	20	564711	5873946	13E01	.050	2.0	3	3	2	0	2	1	14.061
6224674	6254837	6273986	6274837	5	2006	060723	4837	2	0	20	563436	5875530	13E01	.010	2.0	1	13	1	0	2	1	25.956
6224675	6254838	6273987	6274838	5	2006	060723	4838	2	0	20	561375	5878212	13E01	.080	1.0	3	4	1	0	2	2	11.494
6224676	6254839	6273988	6274839	5	2006	060723	4839	2	0	20	561166	5880319	13E01	.080	4.0	3	3	3	0	1	1	8.919
6224677	6254840	6273989	6274840	5	2006	060723	4840	2	0	20	560335	5881404	13E01	.110	1.0	3	2	3	0	1	1	10.212
6224678	6254841	6273991	6274841	5	2006	060723	4841	2	0	20	561554	5882635	13E01	.170	2.0	3	4	3	0	1	1	8.557
6224679	6254842	6273992	6274842	5	2006	060723	4842	2	0	20	557200	5885356	13E01	.050	7.0		4	3	0	1	1	12.964
6224681	6254843	6273993	6274843	5	2006	060723	4843	2	0	20	557237	5886390	13E01	.050	3.0	3	2	3	0	2	1	2.978
6224682	6254844	6273994	6274844	5	2006	060723	4844	2	0	20	556417	5886484	13E01	.080	6.0	6	4	3	0	1	1	8.550
6224683	6254845	6273995	6274845	5	2006	060723	4845	2	0	20	556605	5887085	13E01	.030	5.0	6	4	3	0	1	1	6.527
6224684	6254846	6273996	6274846	5	2006	060723	4846	2	0	20	554629	5889367	13E01	.010	5.0	3	4	3	0	1	1	6.812
6224685	6254847	6273997	6274847	5	2006	060723	4847	2	0	20	552988	5891055	13E01	.060	3.0	6	4	3	0	1	1	9.765
6224686	6254848	6273998	6274848	5	2006	060723	4848	2	0	20	547954	5890955	13E01	.110	3.0	6	4	3	0	1	1	7.846
6224687	6254849	6273999	6274849	5	2006	060723	4849	2	0	20	547305	5892777	13E01	.010	6.0	6	4	3	0	2	1	7.561
6224688	6254850	6274001	6274850	5	2006	060723	4850	2	0	20	546146	5891022	13E01	.130	2.0	3	1	3	0	2	1	3.807
	6274851	6274002	6274851	7	2006	060723	4851	2	0	20	544549	5892660	13E01	.001		6			0	2	1	
6224691	6254852	6274003	6274852	5	2006	060723	4852	2	0	20	543135	5892055	13E01	.020	1.0	3	2	5	0	2	1	5.682
6224692	6254853	6274004	6274853	5	2006	060723	4853	2	0	20	541606	5893753	13E01	.010	2.0	3	2	5	0	1	1	8.226
6224693	6254854	6274005	6274854	5	2006	060723	4854	2	1	20	540718	5895012	13E01	.030	2.0	3	2	3	0	2	2	3.445
6224694	6254855	6274006	6274855	5	2006	060723	4855	2	2	20	540693	5895018	13E01	.030	2.0	3	2	3	0	2	2	3.582
6224695	6254856	6274007	6274856	5	2006	060724	4856	2	0	20	543076	5891368	13E01	.004	3.0	6	4	3	0	1	1	9.550
6224696	6254857	6274008	6274857	5	2006	060724	4857	2	0	20	544892	5890630	13E01	.060	2.0	3	4	3	0	1	1	3.688
6224697	6254858	6274009	6274858	5	2006	060724	4858	2	0	20	544345	5889293	13E01	.090	3.0	3	4	3	0	1	1	6.069
6224698	6254859	6274011	6274859	5	2006	060724	4859	2	0	20	547086	5888571	13E01	.050	5.0	3	4	3	0	1	1	5.766
6224699	6254860	6274012	6274860	5	2006	060724	4860	2	0	20	548020	5889927	13E01	.040	7.0	6	4	3	0	1	1	18.949
6224701	6254861	6274013	6274861	5	2006	060724	4861	2	0	20	550083	5888468	13E01	.010	8.0	6	4	3	0	1	1	16.016
6224702	6254862	6274014	6274862	5	2006	060724	4862	2	0	20	553067	5886357	13E01	.020	7.0	6	4	3	0	1	1	14.367
6224703	6254863	6274015	6274863	5	2006	060724	4863	2	0	20	551424	5884775	13E01	.020	5.0	1	4	3	0	1	1	5.334
6224704	6254864	6274016	6274864	5	2006	060724	4864	2	0	20	552358	5883863	13E01	.040	4.0	6	4	3	0	1	1	13.297
6224705	6254865	6274017	6274865	5	2006	060724	4865	2	0	20	556131	5883043	13E01	.030	7.0	3	4	3	0	1	1	12.104
6224706	6254866	6274018	6274866	5	2006	060724	4866	2	0	20	557500	5882737	13E01	.040	2.0	6	4	3	0	1	1	6.182
6224707	6254867	6274019	6274867	5	2006	060724	4867	2	0	20	555666	5881279	13E01	.010	7.0	6	4	3	0	1	1	8.169
6224708	6254868	6274021	6274868	5	2006	060724	4868	2	0	20	559711	5879412	13E01	.110	4.0	6	4	3	0	1	1	8.142
6224709	6254869	6274022	6274869	5	2006	060724	4869	2	0	20	558315	5878649	13E01	.190	8.0	1	4	3	0	1	1	9.190
6224711	6254870	6274023	6274870	5	2006	060724	4870	2	0	20	558425	5878879	13E01	.190	10.0	1	4	3	0	1	1	11.674
6224712	6254871	6274024	6274871	5	2006	060724	4871	2	0	20	559451	5877666	13E01	.130	1.0	3	2	5	0	1	1	7.958
6224713	6254872	6274025	6274872	5	2006	060724	4872	2	0	20	556017	5876111	13E01	.010	6.0	1	4	3	0	1	1	12.677
6224714	6254873	6274026	6274873	5	2006	060724	4873	2	0	20	558227	5876272	13E01	.130	1.0	3	4	3	0	1	1	9.939

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224715	6254874	6274027	6274874	5	2006	060724	4874	2	0	20	559782	5875410	13E01	.040	3.0	3	2	3	0	1	1	7.070
6224716	6254875	6274028	6274875	5	2006	060724	4875	2	0	20	561204	5875883	13E01	.240	2.0	3	4	3	0	1	1	10.587
6224717	6254876	6274029	6274876	5	2006	060724	4876	2	0	20	561573	5873112	13E01	.030	1.0	3	2	5	0	1	1	5.439
6224718	6254877	6274031	6274877	5	2006	060724	4877	2	0	20	559984	5873328	13E01	.040	3.0	3	2	4	0	1	1	9.567
6224719	6254878	6274032	6274878	5	2006	060724	4878	2	0	20	558110	5873118	13E01	.020	1.0	3	4	5	0	1	1	11.947
6224721	6254879	6274033	6274879	5	2006	060724	4879	2	1	20	556381	5872565	13E01	.070	3.0	3	4	5	0	1	1	10.431
6224722	6254880	6274034	6274880	5	2006	060724	4880	2	2	20	556369	5872569	13E01	.070	3.0	3	4	5	0	1	1	8.991
6224723	6254881	6274035	6274881	5	2006	060724	4881	2	0	20	552796	5874111	13E01	.010	1.0	1	2	2	0	1	1	23.807
6224724	6254882	6274036	6274882	5	2006	060724	4882	2	0	20	550429	5873837	13E01	.010	2.0	1	4	5	0	1	1	11.349
6224725	6254883	6274037	6274883	5	2006	060724	4883	2	0	20	550175	5874947	13E01	.290	6.0	1	4	3	0	1	1	12.245
6224726	6254884	6274038	6274884	5	2006	060724	4884	2	0	20	551087	5876181	13E01	.020	4.0	3	4	3	0	1	1	3.745
6224727	6254885	6274039	6274885	5	2006	060724	4885	2	0	20	551792	5877230	13E01	.020	5.0	1	4	3	0	1	1	4.139
6224728	6254886	6274041	6274886	5	2006	060724	4886	2	0	20	553192	5880371	13E01	.010	4.0	1	4	3	0	1	1	9.020
6224729	6254887	6274042	6274887	5	2006	060724	4887	2	0	20	551701	5880406	13E01	.010	3.0	1	4	3	0	1	1	6.305
6224731	6254888	6274043	6274888	5	2006	060724	4888	2	0	20	549754	5880455	13E01	.010	1.0	1	4	5	0	1	1	23.522
6224732	6254889	6274044	6274889	5	2006	060724	4889	2	0	20	549864	5881577	13E01	.010	2.0	1	2	2	0	1	1	15.054
6224733	6254890	6274045	6274890	5	2006	060724	4890	2	0	20	549566	5884015	13E01	.040	8.0	1	4	3	0	1	1	9.931
6224734	6254891	6274046	6274891	5	2006	060724	4891	2	0	20	547816	5884665	13E01	.190	9.0	1	4	3	0	1	1	16.352
6224735	6254892	6274047	6274892	5	2006	060724	4892	2	0	20	548770	5885150	13E01	.140	9.0	1	4	3	0	1	1	19.172
6224736	6254893	6274048	6274893	5	2006	060724	4893	2	0	20	547912	5885490	13E01	.200	3.0	1	4	3	0	1	1	11.409
6224737	6254894	6274049	6274894	5	2006	060724	4894	2	0	20	546715	5885237	13E01	.010	3.0	1	2	5	0	1	1	4.783
6224738	6254895	6274051	6274895	5	2006	060724	4895	2	0	20	547561	5886580	13E01	.210	9.0	1	4	3	0	1	1	14.002
6224739	6254896	6274052	6274896	5	2006	060724	4896	2	0	20	546323	5886397	13E01	.140	8.0	1	4	3	0	1	1	12.313
6224741	6254897	6274053	6274897	5	2006	060724	4897	2	0	20	546260	5886422	13E01	.140	10.0	1	4	3	0			9.784
6224742	6254898	6274054	6274898	5	2006	060724	4898	2	0	20	539524	5893910	13E01	.010	4.0	6	4	3	0	2	1	3.924
	6274899	6274055	6274899	7	2006	060724	4899	2	0	20	537936	5892928	13E01	.002		3			0	1	2	
	6274900	6274056	6274900	7	2006	060724	4900	2	0	20	539258	5891054	13E01	.020		1			0	2	1	
6224745	6254901	6274057	6274901	5	2006	060724	4901	2	0	20	542111	5887564	13E01	.010		1	2	1	0	2	1	3.185
6224746	6254902	6274058	6274902	5	2006	060724	4902	2	0	20	543168	5884619	13E01	.020	9.0	1	4	3	0	1	1	4.002
6224747	6254903	6274059	6274903	5	2006	060724	4903	2	0	20	544655	5883337	13E01	.030	7.0	1	4	3	0	1	1	16.263
6224748	6254904	6274061	6274904	5	2006	060724	4904	2	0	20	545797	5883136	13E01	.010	2.0	1	2	1	0	1	1	11.057
6224749	6254905	6274062	6274905	5	2006	060724	4905	2	0	20	544590	5881720	13E01	.005	7.0	1	4	3	0	1	1	17.431
6224751	6254906	6274063	6274906	5	2006	060724	4906	2	0	20	544267	5880496	13E01	.020	8.0	1	4	3	0	2	1	10.102
6224752	6254907	6274064	6274907	5	2006	060724	4907	2	0	20	545803	5879608	13E01	.030	2.0	1	2	3	0	1	1	6.318
6224753	6254908	6274065	6274908	5	2006	060724	4908	2	0	20	547749	5879548	13E01	.030	6.0	1	4	3	0	1	1	12.276
6224754	6254909	6274066	6274909	5	2006	060724	4909	2	0	20	549294	5878466	13E01	.100	4.0				0	1	1	4.606
6224755	6254910	6274067	6274910	5	2006	060724	4910	2	0	20	550651	5877580	13E01	.050	9.0	1	4	3	0	1	1	11.104
6224756	6254911	6274068	6274911	5	2006	060724	4911	2	0	20	550520	5877191	13E01	.003	1.0	3	4	4	0	2	2	6.118
6224757	6254912	6274069	6274912	5	2006	060724	4912	2	0	20	549917	5877016	13E01	.130	4.0	1	4	3	0	1	1	8.042
6224758	6254913	6274071	6274913	5	2006	060724	4913	2	0	20	549769	5877293	13E01	.130	4.0	1	4	3	0	1	1	4.662
6224759	6254914	6274072	6274914	5	2006	060724	4914	2	0	20	548984	5877774	13E01	.010	5.0	1	4	3	0	2	1	5.269
6224761	6254915	6274073	6274915	5	2006	060724	4915	2	0	20	548642	5875946	13E01	.010	5.0	3	4	3	0	2	1	5.569
6224762	6254916	6274074	6274916	5	2006	060724	4916	2	0	20	549521	5876182	13E01	.040	7.0	1	4	3	0	1	1	11.871
6224763	6254917	6274075	6274917	5	2006	060724	4917	2	1	20	550237	5876180	13E01	.010	5.0	1	2	3	0	1	1	4.121
6224764	6254918	6274076	6274918	5	2006	060724	4918	2	2	20	550232	5876188	13E01	.010	2.0	1	2	3	0	1	1	4.286
6224765	6254919	6274077	6274919	5	2006	060724	4919	2	0	20	548091	5872790	13E01	.090	7.0	1	4	3	0	1	1	8.021
6224766	6254920	6274078	6274920	5	2006	060724	4920	2	0	20	545906	5872751	13E01	.080	9.0	1	4	3	0	1	1	8.100
6224767	6254921	6274079	6274921	5	2006	060724	4921	2	0	20	543546	5872260	13E01	.030	8.0	1	2	3	0	1	1	13.163
6224768	6254922	6274081	6274922	5	2006	060724	4922	2	0	20	541410	5873902	13E01	.050	6.0	6	4	3	0	1	1	11.535
6224769	6254923	6274082	6274923	5	2006	060724	4923	2	0	20	541511	5874865	13E01	.010	1.0	6	2	2	0	1	1	29.159
6224771	6254924	6274083	6274924	5	2006	060724	4924	2	0	20	543902	5875409	13E01	.010	1.0	6	2	2	0	1	1	28.923
6224772	6254925	6274084	6274925	5	2006	060724	4925	2	0	20	546929	5876349	13E01	.080	4.0	1	2	3	0	1	1	10.603
6224773	6254926	6274085	6274926	5	2006	060724	4926	2	0	20	546688	5877370	13E01	.060	2.0	1	2	3	0	1	1	8.198
6224774	6254927	6274086	6274927	5	2006	060724	4927	2	0	20	543272	5877497	13E01	.050	5.0	1	4	3	0	1	1	8.403
6224775	6254928	6274087	6274928	5	2006	060724	4928	2	0	20	542894	5876401	13E01	.060	4.0	1	4	3	0	1	1	6.468
6224776	6254929	6274088	6274929	5	2006	060724	4929	2	0	20	541184	5880253	13E01	.300	8.0	1	4	3	0	1	1	23.402
6224777	6254930	6274089	6274930	5	2006	060724	4930	2	0	20	540312	5880371	13E01	.130	3.0	1	2	3	0	1	1	9.053
6224778	6254931	6274091	6274931	5	2006	060724	4931	2	0	20	540374	5881954	13E01	.020	5.0	6	4	3	0	1	1	6.933
6224779	6254932	6274092	6274932	5	2006	060724	4932	2	1	20	541941	5882484	13E01	.030	14.0	1	4	3	0	2	1	20.210
6224781	6254933	6274093	6274933	5	2006	060724	4933	2	2	20	541939	5882508	13E01	.030	15.0	1	4	3	0	2	1	9.946
6224782	6254934	6274094	6274934	5	2006	060724	4934	2	0	20	539639	5883918	13E01	.010	2.0	6	4	5	0	1	1	10.057
6224783	6254935	6274095	6274935	5	2006	060724	4935	2	0	20	539514	5886164	13E01	.050	7.0	6	4	3	0	2	1	11.608
6224784	6254936	6274096	6274936	5	2006	060724	4936	2	0	20	539120	5887447	13E01	.050	4.0	6	4	3	0	1	1	7.061
6224785	6254937	6274097	6274937	5	2006	060724	4937	2	0	20	537659	5890403	13E01	.060	12.0	6	4	3	0	1	1	12.952
6224786	6254938	6274098	6274938	5	2006	060724	4938	2	0	20	536841	5891692	13E01	.010	1.0	6	4	2	0	1	1	24.612
6224787	6254939	6274099	6274939	5	2006	060724	4939	2	0	20	537775	5895095	13E01	.030	5.0	6	4	3	0	1	1	6.528
6224788	6254940	6274101	6274940	5	2006	060724	4940	2	0	20	538528	5897681	13E01	.150	13.0	1	4	3	0	1	1	11.684
6224789	6254941	6274102	6274941	5	2006	060724	4941	2	0	20	539860	5898782	13E01	.040	2.0	1	4	3	1	1	1	6.503

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224791	6254942	6274103	6274942	5	2006	060726	4942	2	0	20	536949	5895951	13E01	.060	8.0	6	4	3	0	1	1	10.264
6224792	6254943	6274104	6274943	5	2006	060726	4943	2	0	20	535561	5894741	13E01	.070	1.0	6	2	3	0	1	1	8.295
6224793	6254944	6274105	6274944	5	2006	060726	4944	2	0	20	534323	5893289	13E01	.020	2.0	6	13	1	0	1	1	27.390
6224794	6254945	6274106	6274945	5	2006	060726	4945	2	0	20	537485	5887665	13E01	.010	13.0	6	4	3	0	2	1	11.697
6224795	6254946	6274107	6274946	5	2006	060726	4946	2	0	20	537089	5886552	13E01	.040	14.0	1	4	3	0	2	1	10.033
6224796	6254947	6274108	6274947	5	2006	060726	4947	2	0	20	535909	5887624	13E01	.030	15.0	1	4	3	0	1	1	16.628
6224797	6254948	6274109	6274948	5	2006	060726	4948	2	0	20	533659	5886530	13E01	.040	14.0	6	4	3	0	2	1	13.712
6224798	6254949	6274111	6274949	5	2006	060726	4949	2	0	20	534108	5887328	13E01	.020	7.0	1	4	3	0	1	1	11.476
6224799	6254950	6274112	6274950	5	2006	060726	4950	2	0	20	533827	5884921	13E01	.030	7.0	6	4	3	0	1	1	11.817
6224801	6254951	6274113	6274951	5	2006	060726	4951	2	0	20	535610	5885140	13E01	.010	1.0	1	2	3	0	2	1	16.427
6224802	6254952	6274114	6274952	5	2006	060726	4952	2	0	20	537942	5885557	13E01	.020	12.0	1	4	3	0	1	1	9.863
6224803	6254953	6274115	6274953	5	2006	060726	4953	2	0	20	538179	5882464	13E01	.090	3.0	3	2	3	0	1	1	16.216
6224804	6254954	6274116	6274954	5	2006	060726	4954	2	0	20	535930	5881211	13E01	.140	13.0	6	4	3	0	1	1	13.287
6224805	6254955	6274117	6274955	5	2006	060726	4955	2	0	20	536100	5879804	13E01	.040	9.0	1	4	3	0	1	1	11.788
6224806	6254956	6274118	6274956	5	2006	060726	4956	2	0	20	537913	5879404	13E01	.090	18.0	1	4	3	0	1	1	14.513
6224807	6254957	6274119	6274957	5	2006	060726	4957	2	0	20	539060	5877958	13E01	.140	14.0	6	4	3	0	1	1	17.404
6224808	6254958	6274121	6274958	5	2006	060726	4958	2	0	20	537964	5876108	13E01	.050	4.0	1	4	3	0	1	1	10.610
6224809	6254959	6274122	6274959	5	2006	060726	4959	2	0	20	539156	5874782	13E01	.040	5.0	1	2	3	0	1	1	6.383
6224811	6254960	6274123	6274960	5	2006	060726	4960	2	0	20	538934	5872841	13E01	.030	6.0	3	4	3	0	1	1	5.383
6224812	6254961	6274124	6274961	5	2006	060726	4961	2	0	20	535453	5873616	13E01	.040	3.0	3	2	3	0	1	1	8.022
6224813	6254962	6274125	6274962	5	2006	060726	4962	2	1	20	532966	5873872	13E02	.370	6.0	1	4	3	0	1	1	10.744
6224814	6254963	6274126	6274963	5	2006	060726	4963	2	2	20	532993	5873898	13E02	.370	8.0	1	4	3	0	1	1	12.748
6224815	6254964	6274127	6274964	5	2006	060726	4964	2	0	20	530470	5873407	13E02	.130	8.0	1	2	3	0	1	1	12.234
6224816	6254965	6274128	6274965	5	2006	060726	4965	2	0	20	527738	5872280	13E02	.110	7.0	6	2	3	0	1	1	11.490
6224817	6254966	6274129	6274966	5	2006	060726	4966	2	0	20	528243	5875434	13E02	.560	11.0	6	4	3	0	1	1	13.206
6224818	6254967	6274131	6274967	5	2006	060726	4967	2	0	20	531065	5876003	13E02	.100	4.0	6	4	3	0	1	1	8.984
6224819	6254968	6274132	6274968	5	2006	060726	4968	2	0	20	530087	5876747	13E02	.010	5.0	6	4	3	0	1	1	8.295
6224821	6254969	6274133	6274969	5	2006	060726	4969	2	0	20	532175	5876534	13E02	.130	4.0	6	4	5	0	1	1	7.548
6224822	6254970	6274134	6274970	5	2006	060726	4970	2	0	20	533633	5876380	13E01	.060	1.0	3	4	3	0	1	1	8.052
6224823	6254971	6274135	6274971	5	2006	060726	4971	2	0	20	534839	5877738	13E01	.030	2.0	3	4	3	0	1	1	7.166
6224824	6254972	6274136	6274972	5	2006	060726	4972	2	0	20	536770	5878371	13E01	.250	4.0	3	2	3	0	1	1	13.060
6224825	6254973	6274137	6274973	5	2006	060726	4973	2	0	20	534011	5879581	13E01	.060	8.0	6	4	3	0	1	1	10.026
6224826	6254974	6274138	6274974	5	2006	060726	4974	2	0	20	531961	5880390	13E02	.150	4.0	3	4	3	0	1	1	14.166
6224827	6254975	6274139	6274975	5	2006	060726	4975	2	0	20	532712	5881151	13E02	.050	5.0	1	4	3	0	2	1	7.972
6224828	6254976	6274141	6274976	5	2006	060726	4976	2	0	20	531717	5882708	13E02	.070	8.0	1	4	3	0	1	1	12.365
6224829	6254977	6274142	6274977	5	2006	060726	4977	2	0	20	531651	5884187	13E02	.020	5.0	6	4	3	0	1	1	9.409
6224831	6254978	6274143	6274978	5	2006	060726	4978	2	0	20	530407	5886093	13E02	.030	5.0	6	4	3	0	1	1	9.539
6224832	6254979	6274144	6274979	5	2006	060726	4979	2	0	20	530293	5891281	13E02	.020	2.0	1	2	5	0	2	1	4.683
6224833	6254980	6274145	6274980	5	2006	060726	4980	2	0	20	531865	5891607	13E02	.020	2.0	1	2	5	0	1	1	4.874
6224834	6254981	6274146	6274981	5	2006	060726	4981	2	0	20	524862	5891690	13E02	.040	6.0	6	4	3	0	1	1	12.694
6224835	6254982	6274147	6274982	5	2006	060726	4982	2	0	20	525629	5891862	13E02	.030	10.0	6	4	3	0	1	1	11.735
6224836	6254983	6274148	6274983	5	2006	060726	4983	2	0	20	526800	5892424	13E02	.130	11.0	6	4	3	0	1	1	16.597
6224837	6254984	6274149	6274984	5	2006	060726	4984	2	0	20	527498	5886552	13E02	.290	11.0	5	4	3	0	1	1	29.558
6224838	6254985	6274151	6274985	5	2006	060726	4985	2	1	20	525462	5885852	13E02	.030	6.0	1	4	3	0	1	1	12.612
6224841	6254987	6274153	6274987	5	2006	060726	4987	2	0	20	521648	5883930	13E02	.002	1.0	3	4	2	0	1	1	30.015
6224842	6254988	6274154	6274988	5	2006	060726	4988	2	0	20	521143	5882100	13E02	.060	5.0	1	4	3	0	1	1	13.166
6224843	6254989	6274155	6274989	5	2006	060726	4989	2	0	20	522300	5879763	13E02	.030	1.0	1	4	5	0	1	1	6.918
6224844	6254990	6274156	6274990	5	2006	060726	4990	2	0	20	523253	5880761	13E02	.030	1.0	6	4	5	0	1	1	13.319
6224845	6254991	6274157	6274991	5	2006	060726	4991	2	0	20	524232	5880970	13E02	.090	6.0	6	4	3	0	1	1	11.481
6224846	6254992	6274158	6274992	5	2006	060726	4992	2	0	20	520237	5878065	13E02	.060	6.0	6	4	3	0	1	1	12.117
6224847	6254993	6274159	6274993	5	2006	060726	4993	2	0	20	517840	5875920	13E02	.260	22.0	6	4	3	0	1	1	14.413
6224848	6254994	6274161	6274994	5	2006	060726	4994	2	0	20	514387	5875062	13E02	.120	5.0	6	4	3	0	1	1	9.794
6224849	6254995	6274162	6274995	5	2006	060726	4995	2	0	20	512677	5872466	13E02	.060	7.0	6	4	3	0	1	1	12.583
6224851	6254996	6274163	6274996	5	2006	060726	4996	2	0	20	515872	5873196	13E02	.380	10.0	6	4	3	0	1	1	19.034
6224852	6254997	6274164	6274997	5	2006	060726	4997	2	0	20	517506	5873176	13E02	.050	4.0	6	4	3	0	1	1	8.615
6224853	6254998	6274165	6274998	5	2006	060726	4998	2	0	20	518466	5874228	13E02	.130	8.0	6	4	3	0	1	1	13.425
6224854	6254999	6274166	6274999	5	2006	060726	4999	2	0	20	519856	5875287	13E02	.100	3.0	6	4	2	0	1	1	40.089
6224855	6255000	6274167	6275000	5	2006	060726	5000	2	0	20	522159	5874205	13E02	.020	1.0	6	4	5	0	1	1	8.004
6224856	6255001	6274168	6275001	5	2006	060726	5001	2	0	20	522057	5875603	13E02	.140	7.0	6	4	3	0	1	1	25.682
6224857	6255002	6274169	6275002	5	2006	060726	5002	2	0	20	521597	5876889	13E02	.030	1.0	6	2	5	0	1	1	12.637
6224858	6255003	6274171	6275003	5	2006	060726	5003	2	0	20	523178	5873881	13E02	.200	10.0	6	4	3	0	1	1	20.182
6224859	6255004	6274172	6275004	5	2006	060726	5004	2	0	20	524343	5875573	13E02	.200	7.0	6	4	3	0	1	1	36.507
6224861	6255005	6274173	6275005	5	2006	060726	5005	2	0	20	524278	5876623	13E02	.060	8.0	6	4	3	0	1	1	10.565
6224862	6255006	6274174	6275006	5	2006	060726	5006	2	0	20	526503	5874994	13E02	.150	5.0	6	2	3	0	1	1	10.249
6224863	6255007	6274175	6275007	5	2006	060726	5007	2	0	20	534581	5875109	13E01	.020	1.0	6	2	5	0	1	1	10.270
6224864	6255008	6274176	6275008	5	2006	060726	5008	2	1	20	526827	5876899	13E02	.100	5.0	6	2	3	0	1	1	11.547
6224865	6255009	6274177	6275009	5	2006	060726	5009	2	2	20	526839	5876897	13E02	.100	5.0	6	2	3	0	1	1	10.090
6224866	6255010	6274178	6275010	5	2006	060726	5010	2	0	20	527543	5877381	13E02	.120	1.0	1	2	5	0	1	1	10.352

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224867	6255011	6274179	6275011	5	2006	060726	5011	2	0	20	526677	5880090	13E02	.020	1.0	6	2	5	0	1	1	3.877
6224868	6255012	6274181	6275012	5	2006	060726	5012	2	0	20	528897	5880213	13E02	.230	10.0	6	4	3	0	1	1	9.598
6224869	6255013	6274182	6275013	5	2006	060726	5013	2	0	20	526785	5881836	13E02	.040	2.0	6	2	3	0	1	1	6.469
6224871	6255014	6274183	6275014	5	2006	060726	5014	2	0	20	528467	5882564	13E02	.050	5.0	6	4	3	0	1	1	8.393
6224872	6255015	6274184	6275015	5	2006	060726	5015	2	0	20	527870	5883354	13E02	.030	5.0	6	4	3	0	1	1	6.834
6224873	6255016	6274185	6275016	5	2006	060726	5016	2	0	20	527232	5883827	13E02	.040	5.0	6	4	3	0	1	1	7.748
6224874	6255017	6274186	6275017	5	2006	060726	5017	2	0	20	527240	5892121	13E02	.020	4.0	6	4	3	0	1	1	7.775
6224875	6255018	6274187	6275018	5	2006	060726	5018	2	0	20	529870	5892848	13E02	.010	5.0	6	4	3	0	1	1	5.411
6224876	6255019	6274188	6275019	5	2006	060726	5019	2	0	20	536858	5897770	13E01	.110	5.0	6	4	3	0	1	1	6.873
6224877	6255020	6274189	6275020	5	2006	060727	5020	2	0	20	523796	5885763	13E02	.050	4.0	6	4	3	0	1	1	5.768
6224878	6255021	6274191	6275021	5	2006	060727	5021	2	0	20	521921	5885641	13E02	.020	1.0	3	2	3	0	1	1	5.600
6224879	6255022	6274192	6275022	5	2006	060727	5022	2	0	20	519704	5884747	13E02	.010	7.0	6	4	3	0	1	1	11.992
6224881	6255023	6274193	6275023	5	2006	060727	5023	2	0	20	518204	5883022	13E02	.160	6.0	3	4	3	0	1	1	6.085
6224882	6255024	6274194	6275024	5	2006	060727	5024	2	0	20	518601	5882076	13E02	.060	3.0	3	2	3	0	1	1	3.696
6224883	6255025	6274195	6275025	5	2006	060727	5025	2	0	20	517484	5881050	13E02	.030	5.0	6	4	3	0	1	1	6.659
6224884	6255026	6274196	6275026	5	2006	060727	5026	2	0	20	519080	5879779	13E02	.250	10.0	6	4	3	0	1	1	21.787
6224885	6255027	6274197	6275027	5	2006	060727	5027	2	0	20	516296	5877327	13E02	.050	5.0	3	4	3	0	1	1	6.064
6224886	6255028	6274198	6275028	5	2006	060727	5028	2	0	20	515011	5878566	13E02	.040	.3	3	4	3	0	1	1	12.947
6224887	6255029	6274199	6275029	5	2006	060727	5029	2	0	20	512968	5878664	13E02	.030	3.0	6	4	3	0	1	1	14.641
6224888	6255030	6274201	6275030	5	2006	060727	5030	2	0	20	510781	5877724	13E02	.050	2.0	6	2	5	0	1	1	13.931
6224889	6255031	6274202	6275031	5	2006	060727	5031	2	0	20	510818	5876074	13E02	.150	4.0	6	4	3	0	1	1	14.208
6224891	6255032	6274203	6275032	5	2006	060727	5032	2	0	20	511877	5874663	13E02	.090	1.0	6	2	5	0	1	1	19.156
6224892	6255033	6274204	6275033	5	2006	060727	5033	2	0	20	509668	5873135	13E02	.060	10.0	6	4	3	0	1	1	8.702
6224893	6255034	6274205	6275034	5	2006	060727	5034	2	0	20	507430	5872565	13E02	.090	14.0	6	4	3	0	1	1	11.183
6224894	6255035	6274206	6275035	5	2006	060727	5035	2	0	20	506605	5872812	13E02	.490	12.0	1	4	3	0	1	1	13.314
6224895	6255036	6274207	6275036	5	2006	060727	5036	2	0	20	502198	5872100	13E02	.070	1.0	3	4	5	0	1	1	6.780
6224896	6255037	6274208	6275037	5	2006	060727	5037	2	0	20	503150	5873100	13E02	.060	.5	3	4	5	0	1	1	12.085
6224897	6255038	6274209	6275038	5	2006	060727	5038	2	0	20	502358	5874380	13E02	.030	1.0	3	4	5	0	1	1	18.980
6224898	6255039	6274211	6275039	5	2006	060727	5039	2	0	20	501387	5876755	13E02	.010	.5	3	4	5	0	1	1	6.004
6224899	6255040	6274212	6275040	5	2006	060727	5040	2	0	20	503374	5876505	13E02	.340	6.0	3	4	3	0	1	1	10.355
6224901	6255041	6274213	6275041	5	2006	060727	5041	2	0	20	504426	5875083	13E02	.130	4.0	1	4	3	0	3	1	10.107
6224902	6255042	6274214	6275042	5	2006	060727	5042	2	0	20	505765	5874492	13E02	.030	3.0	3	4	5	0	1	1	4.027
6224903	6255043	6274215	6275043	5	2006	060727	5043	2	1	20	507737	5875176	13E02	.090	15.0	6	4	3	0	1	1	15.631
6224904	6255044	6274216	6275044	5	2006	060727	5044	2	2	20	507737	5875176	13E02	.090	10.0	6	4	3	0	1	1	13.787
6224905	6255045	6274217	6275045	5	2006	060727	5045	2	0	20	506975	5877672	13E02	.120	1.0	3	4	5	0	1	1	25.687
6224906	6255046	6274218	6275046	5	2006	060727	5046	2	0	20	507756	5877677	13E02	.210	5.0	3	4	3	0	1	1	7.423
6224907	6255047	6274219	6275047	5	2006	060727	5047	2	0	20	509606	5879594	13E02	.050	3.0	6	4	5	0	1	1	10.179
6224908	6255048	6274221	6275048	5	2006	060727	5048	2	0	20	513440	5880386	13E02	.010	2.0	6	4	5	0	1	1	7.334
6224909	6255049	6274222	6275049	5	2006	060727	5049	2	0	20	515154	5880254	13E02	.050	1.0	6	4	5	0	1	1	6.242
6224911	6255050	6274223	6275050	5	2006	060727	5050	2	0	20	515133	5881573	13E02	.240	3.0	3	4	3	0	1	1	11.600
6224912	6255051	6274224	6275051	5	2006	060727	5051	2	0	20	517497	5884917	13E02	.010	4.0	5	4	5	0	1	1	7.321
6224913	6255052	6274225	6275052	5	2006	060727	5052	2	0	20	517999	5886221	13E02	.040	6.0	5	4	3	0	1	1	4.911
6224914	6255053	6274226	6275053	5	2006	060727	5053	2	0	20	520265	5886278	13E02	.040	5.0	6	4	3	0	1	1	10.233
6224915	6255054	6274227	6275054	5	2006	060727	5054	2	0	20	522089	5886440	13E02	.050	8.0	5	4	3	0	1	1	8.252
6224916	6255055	6274228	6275055	5	2006	060727	5055	2	0	20	523154	5886419	13E02	.010	.5	1	4	5	0	1	1	6.284
6224917	6255056	6274229	6275056	5	2006	060727	5056	2	0	20	521565	5890233	13E02	.010	5.0	1	4	3	0	1	1	3.108
6224918	6255057	6274231	6275057	5	2006	060727	5057	2	0	20	528261	5893798	13E02	.150	5.0	5	4	3	0	1	1	6.693
6224919	6255058	6274232	6275058	5	2006	060727	5058	2	0	20	532630	5893951	13E02	.070	1.0	6	2	3	0	1	1	3.595
6224921	6255059	6274233	6275059	5	2006	060727	5059	2	0	20	533222	5894926	13E02	.030	.5	6	4	5	0	1	1	9.335
6224922	6255060	6274234	6275060	5	2006	060727	5060	2	1	20	533661	5897147	13E02	.030	6.0	6	4	3	0	1	1	7.868
6224923	6255061	6274235	6275061	5	2006	060727	5061	2	2	20	533639	5897134	13E02	.030	6.0	6	4	3	0	1	1	7.558
6224924	6255062	6274236	6275062	5	2006	060727	5062	2	0	20	515758	5888381	13E02	.010	2.0	5	2	3	0	1	1	3.086
6224925	6255063	6274237	6275063	5	2006	060727	5063	2	0	20	516440	5887381	13E02	.005	1.0	1	2	3	0	2	1	6.290
6224926	6255064	6274238	6275064	5	2006	060727	5064	2	0	20	515944	5885677	13E02	.010	2.0	5	2	5	0	1	1	4.591
6224927	6255065	6274239	6275065	5	2006	060727	5065	2	0	20	515199	5885156	13E02	.010	.5	2	4	5	0	1	1	7.071
6224928	6255066	6274241	6275066	5	2006	060727	5066	2	0	20	514051	5885316	13E02	.190	5.0	6	4	3	0	1	1	8.703
6224929	6255067	6274242	6275067	5	2006	060727	5067	2	0	20	513140	5885635	13E02	.030	5.0	5	4	3	0	1	1	5.711
6224931	6255068	6274243	6275068	5	2006	060727	5068	2	0	20	511831	5884048	13E02	.010	1.0	6	4	5	0	1	1	9.085
6224932	6255069	6274244	6275069	5	2006	060727	5069	2	0	20	511085	5883528	13E02	.050	6.0	6	4	3	0	1	1	7.510
6224933	6255070	6274245	6275070	5	2006	060727	5070	2	0	20	512759	5882752	13E02	.260	5.0	3	4	3	0	1	1	11.053
6224934	6255071	6274246	6275071	5	2006	060727	5071	2	0	20	510159	5881607	13E02	.020	2.0	3	4	4	0	1	1	20.727
6224935	6255072	6274247	6275072	5	2006	060727	5072	2	0	20	508434	5880456	13E02	.050	4.0	6	4	3	0	2	1	7.654
6224936	6255073	6274248	6275073	5	2006	060727	5073	2	0	20	506253	5880371	13E02	.020	1.0	6	4	5	0	1	1	6.355
6224937	6255074	6274249	6275074	5	2006	060727	5074	2	0	20	504996	5880330	13E02	.020	1.0	3	2	1	0	2	2	20.304
6224938	6255075	6274251	6275075	5	2006	060727	5075	2	0	20	501617	5879788	13E02	.020	2.0	3	4	5	0	1	1	15.228
6224939	6255076	6274252	6275076	5	2006	060727	5076	2	0	20	501607	5881417	13E02	.020	1.0	3	4	5	0	1	1	18.450
6224941	6255077	6274253	6275077	5	2006	060727	5077	2	0	20	503002	5882301	13E02	.020	2.0	3	4	3	0	1	1	8.685
	6275078	6274254	6275078	7	2006	060727	5078	2	0	20	506381	5882453	13E02	.010		3			0	2	1	

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6224943	6255079	6274255	6275079	5	2006	060727	5079	2	0	20	508021	5882140	13E02	.010	1.0	3	4	2	0	1	1	27.188
6224944	6255080	6274256	6275080	5	2006	060727	5080	2	0	20	508321	5884546	13E02	.010	4.0	5	2	3	0	1	1	6.252
6224945	6255081	6274257	6275081	5	2006	060727	5081	2	0	20	505310	5884983	13E02	.020	3.0	5	4	3	0	1	1	11.145
6224946	6255082	6274258	6275082	5	2006	060727	5082	2	0	20	504198	5885240	13E02	.030	2.0	5	2	3	0	1	1	4.080
6224947	6255083	6274259	6275083	5	2006	060727	5083	2	0	20	502556	5884755	13E02	.050	2.0	5	4	3	0	1	1	13.561
6224948	6255084	6274261	6275084	5	2006	060727	5084	2	0	20	500240	5886502	13E02	.130	2.0	3	4	5	0	1	1	7.701
6224949	6255085	6274262	6275085	5	2006	060727	5085	2	1	20	500323	5889336	13E02	.090	5.0	3	4	3	0	2	1	10.948
6224951	6255086	6274263	6275086	5	2006	060727	5086	2	2	20	500337	5889313	13E02	.090	5.0	3	4	3	0	2	1	8.860
6224952	6255087	6274264	6275087	5	2006	060727	5087	2	0	20	501817	5889815	13E02	.190	14.0	1	4	3	0	1	1	15.816
6224953	6255088	6274265	6275088	5	2006	060727	5088	2	0	20	503059	5890169	13E02	.030	5.0	6	4	3	0	1	1	9.463
6224954	6255089	6274266	6275089	5	2006	060727	5089	2	0	20	503899	5889775	13E02	.010	5.0	5	4	3	0	2	1	10.454
6224955	6255090	6274267	6275090	5	2006	060727	5090	2	0	20	504969	5887812	13E02	.020	6.0	5	4	3	0	2	1	11.134
6224956	6255091	6274268	6275091	5	2006	060727	5091	2	0	20	506369	5886080	13E02	.070	2.0	5	4	3	0	1	1	9.811
6224957	6255092	6274269	6275092	5	2006	060727	5092	2	0	20	508632	5888925	13E02	.030	6.0	5	4	3	0	1	1	9.678
6224958	6255093	6274271	6275093	5	2006	060727	5093	2	0	20	509828	5887742	13E02	.020	13.0	5	4	3	0	1	1	8.611
6224959	6255094	6274272	6275094	5	2006	060727	5094	2	0	20	508875	5885942	13E02	.010	3.0	4	4	5	0	2	1	15.027
6224961	6255095	6274273	6275095	5	2006	060727	5095	2	0	20	511731	5885872	13E02	.040	4.0	5	4	3	0	1	1	6.663
6224962	6255096	6274274	6275096	5	2006	060727	5096	2	0	20	512696	5886598	13E02	.060	2.0	3	4	5	0	2	1	4.031
6224963	6255097	6274275	6275097	5	2006	060727	5097	2	0	20	512456	5887054	13E02	.050	5.0	6	4	3	0	1	1	4.675
6224964	6255098	6274276	6275098	5	2006	060727	5098	2	0	20	513288	5887224	13E02	.030	4.0	5	4	3	0	1	1	10.271
6224965	6255099	6274277	6275099	5	2006	060727	5099	2	0	20	513640	5886363	13E02	.610	5.0	5	4	3	0	1	1	10.284
6224966	6255100	6274278	6275100	5	2006	060727	5100	2	0	20	518231	5891068	13E02	.050	13.0	6	4	3	0	1	1	15.060
6224967	6255101	6274279	6275101	5	2006	060727	5101	2	0	20	519391	5890948	13E02	.020	8.0	6	4	3	0	1	1	11.621
6224968	6255102	6274281	6275102	5	2006	060727	5102	2	0	20	522055	5892184	13E02	.050	7.0	6	4	3	0	2	1	7.688
6224969	6255103	6274282	6275103	5	2006	060727	5103	2	0	20	525269	5893929	13E02	.030	4.0	6	4	3	0	2	1	5.576
6224971	6255104	6274283	6275104	5	2006	060727	5104	2	1	20	526666	5894001	13E02	.020	6.0	6	4	3	0	2	1	4.540
6224972	6255105	6274284	6275105	5	2006	060727	5105	2	2	20	526653	5893990	13E02	.020	5.0	6	4	3	0	2	1	4.075
6224973	6255106	6274285	6275106	5	2006	060727	5106	2	0	20	537305	5899122	13E02	.010	2.0	6	4	5	0	2	1	4.235
6224974	6255107	6274286	6275107	5	2006	060728	5107	2	0	20	532428	5899520	13E02	.730	9.0	1	4	3	0	1	1	13.770
6224975	6255108	6274287	6275108	5	2006	060728	5108	2	0	20	528879	5898543	13E02	.020	1.0	3	4	5	0	2	1	4.319
6224976	6255109	6274288	6275109	5	2006	060728	5109	2	0	20	527127	5899866	13E02	.010	1.0	1	2	2	0	1	1	33.869
6224977	6255110	6274289	6275110	5	2006	060728	5110	2	0	20	522552	5899631	13E02	.010	2.0	3	4	5	0	1	1	11.275
6224978	6255111	6274291	6275111	5	2006	060728	5111	2	0	20	520683	5898116	13E02	.090	2.0	6	4	5	0	1	1	5.008
6224979	6255112	6274292	6275112	5	2006	060728	5112	2	0	20	519978	5898479	13E02	.190	9.0	6	4	3	0	1	1	21.820
6224981	6255113	6274293	6275113	5	2006	060728	5113	2	0	20	517434	5898426	13E02	.030	4.0	6	2	3	0	1	1	5.219
6224982	6255114	6274294	6275114	5	2006	060728	5114	2	0	20	514964	5899399	13E02	.050	3.0	3	2	5	0	1	1	5.277
6224983	6255115	6274295	6275115	5	2006	060728	5115	2	0	20	525858	5896127	13E02	.010	2.0	5	4	5	0	1	1	9.385
6224984	6255116	6274296	6275116	5	2006	060728	5116	2	0	20	527781	5897710	13E02	.050	4.0	6	4	3	0	2	1	7.306
6224985	6255117	6274297	6275117	5	2006	060728	5117	2	0	20	529004	5897515	13E02	.130	6.0	1	4	3	0	1	1	25.527
6224986	6255118	6274298	6275118	5	2006	060728	5118	2	0	20	528681	5895920	13E02	.230	3.0	6	2	3	0	2	1	7.284
6224987	6255119	6274299	6275119	5	2006	060728	5119	2	0	20	530796	5895089	13E02	.030	3.0	6	2	3	0	2	1	4.911
6224988	6255120	6274301	6275120	5	2006	060728	5120	2	0	20	531620	5897167	13E02	.820	8.0	1	2	3	0	1	1	10.453
6224989	6255121	6274302	6275121	5	2006	060728	5121	2	0	20	536042	5896828	13E02	.070	7.0	1	2	3	0	2	1	7.325
6224991	6255122	6274303	6275122	5	2006	060728	5122	2	1	20	534911	5899563	13E02	.100	4.0	3	2	3	0	2	1	18.723
6224992	6255123	6274304	6275123	5	2006	060728	5123	2	2	20	534937	5899564	13E02	.100	4.0	3	2	3	0	2	1	8.111
6224993	6255124	6274305	6275124	5	2006	060729	5124	2	0	20	523297	5896409	13E02	.030	8.0	6	4	3	0	2	1	9.461
6224994	6255125	6274306	6275125	5	2006	060729	5125	2	0	20	521173	5896417	13E02	.100	1.0	3	2	5	0	1	1	8.014
6224995	6255126	6274307	6275126	5	2006	060729	5126	2	0	20	519742	5896335	13E02	.030	1.0	3	2	5	0	1	1	5.500
6224996	6255127	6274308	6275127	5	2006	060729	5127	2	0	20	516721	5896399	13E02	.020	2.0	3	2	5	0	1	1	9.158
6224997	6255128	6274309	6275128	5	2006	060729	5128	2	0	20	515262	5896585	13E02	.020	3.0	3	2	3	0	1	1	4.925
6224998	6255129	6274311	6275129	5	2006	060729	5129	2	0	20	513099	5898300	13E02	.080	1.0	6	2	3	0	1	1	18.243
6224999	6255130	6274312	6275130	5	2006	060729	5130	2	0	20	511396	5898793	13E02	.060	6.0	6	2	2	0	1	1	24.924
6225001	6255131	6274313	6275131	5	2006	060729	5131	2	0	20	509344	5898410	13E02	.040	5.0	6	2	3	0	1	1	10.147
6225002	6255132	6274314	6275132	5	2006	060729	5132	2	0	20	508772	5897874	13E02	.030	11.0	6	4	3	0	1	1	12.040
6225003	6255133	6274315	6275133	5	2006	060729	5133	2	0	20	507632	5898297	13E02	.020	4.0	6	2	3	0	1	1	4.297
6225004	6255134	6274316	6275134	5	2006	060729	5134	2	0	20	505187	5898243	13E02	.010	8.0	6	4	3	0	1	1	10.625
6225005	6255135	6274317	6275135	5	2006	060729	5135	2	0	20	503464	5898497	13E02	.040	10.0	6	4	3	0	1	1	12.272
6225006	6255136	6274318	6275136	5	2006	060729	5136	2	0	20	501003	5898299	13E02	.050	10.0	6	4	3	0	1	1	12.405
6225007	6255137	6274319	6275137	5	2006	060729	5137	2	0	20	502253	5895932	13E02	.010	6.0	3	2	3	0	1	1	6.585
6225008	6255138	6274321	6275138	5	2006	060729	5138	2	0	20	500778	5896394	13E02	.030	8.0	6	2	3	0	1	1	11.364
6225009	6255139	6274322	6275139	5	2006	060729	5139	2	0	20	501360	5896910	13E02	.010	5.0	3	2	3	0	1	1	11.315
6225011	6255140	6274323	6275140	5	2006	060729	5140	2	0	20	503180	5897232	13E02	.050	8.0	6	4	3	0	1	1	12.491
6225012	6255141	6274324	6275141	5	2006	060729	5141	2	0	20	505623	5897370	13E02	.200	7.0	6	4	3	0	1	1	10.451
6225013	6255142	6274325	6275142	5	2006	060729	5142	2	0	20	507418	5897221	13E02	.090	2.0	6	2	5	0	1	1	5.213
6225014	6255143	6274326	6275143	5	2006	060729	5143	2	0	20	508869	5896148	13E02	.110	5.0	6	2	3	0	1	1	18.972
6225015	6255144	6274327	6275144	5	2006	060729	5144	2	1	20	511232	5896333	13E02	.130	10.0	6	2	3	0	1	1	13.651
6225016	6255145	6274328	6275145	5	2006	060729	5145	2	2	20	511211	5896328	13E02	.130	11.0	6	2	3	0	1	1	13.295
6225017	6255146	6274329	6275146	5	2006	060729	5146	2	0	20	512464	5896107	13E02	.020	6.0	6	2	3	0	1	1	18.655

Appendix 1: Winokapau Lake Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225018	6255147	6274331	6275147	5	2006	060729	5147	2	0	20	514315	5893880	13E02	.040	5.0	6	2	3	0	1	1	9.948
6225019	6255148	6274332	6275148	5	2006	060729	5148	2	0	20	515468	5892277	13E02	.100	10.0	6	4	3	0	1	1	11.995
6225021	6255149	6274333	6275149	5	2006	060729	5149	2	0	20	513368	5892073	13E02	.040	6.0	6	2	3	0	1	1	8.195
6225022	6255150	6274334	6275150	5	2006	060729	5150	2	0	20	512790	5892185	13E02	.070	5.0	6	4	3	0	1	1	24.995
6225023	6255151	6274335	6275151	5	2006	060729	5151	2	0	20	510794	5892007	13E02	.010	5.0	6	2	3	0	1	1	9.947
6225024	6255152	6274336	6275152	5	2006	060729	5152	2	0	20	508910	5892127	13E02	.010	3.0	6	3	3	0	1	1	4.020
6225025	6255153	6274337	6275153	5	2006	060729	5153	2	0	20	507554	5892858	13E02	.030	3.0	6	2	3	0	1	1	6.587
6225026	6255154	6274338	6275154	5	2006	060729	5154	2	0	20	503800	5894047	13E02	.030	4.0	6	2	3	0	1	1	8.565
6225027	6255155	6274339	6275155	5	2006	060729	5155	2	0	20	503756	5895275	13E02	.080	9.0	6	4	3	0	1	1	13.962
6225028	6255156	6274341	6275156	5	2006	060729	5156	2	0	20	505271	5895095	13E02	.005	1.0	6	2	3	0	1	1	6.786
6225029	6255157	6274342	6275157	5	2006	060729	5157	2	0	20	508115	5894217	13E02	.030	7.0	1	2	3	0	1	1	7.827
6225031	6255158	6274343	6275158	5	2006	060729	5158	2	0	20	510402	5892914	13E02	.030	9.0	6	4	3	0	1	1	11.051
6225032	6255159	6274344	6275159	5	2006	060729	5159	2	0	20	512414	5893049	13E02	.070	8.0	6	4	3	0	1	1	12.766
6225033	6255160	6274345	6275160	5	2006	060729	5160	2	0	20	517103	5894734	13E02	.050	4.0	1	2	3	0	1	1	13.702
6225034	6255161	6274346	6275161	5	2006	060729	5161	2	0	20	517519	5893817	13E02	.020	1.0	1	2	5	0	1	1	4.666
6225035	6255162	6274347	6275162	5	2006	060729	5162	2	0	20	519844	5893619	13E02	.160	3.0	1	2	3	0	1	1	13.371
6225036	6255163	6274348	6275163	5	2006	060729	5163	2	0	20	521511	5894660	13E02	.020	9.0	5	2	3	0	1	1	6.717
6225037	6255164	6274349	6275164	5	2006	060729	5164	2	1	20	523196	5894912	13E02	.010	1.0	5	2	5	0	1	1	6.908
6225038	6255165	6274351	6275165	5	2006	060729	5165	2	2	20	523192	5894898	13E02	.010	1.0	5	2	5	0	1	1	7.447

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224413	6254602	.05	.99	.2	1	.5	190	196	.7	14	.30	.10	40	36	1	2	2	25	.2	15	4.0	.2	44	.5	.48	.5	.16	16	18	1.3	29.2	.06
6224414	6254603	.05	2.28	.6	1	.5	180	197	.8	22	.44	.40	76	81	5	6	74	70	.2	26	3.3	.2	132	2.5	2.15	2.0	.29	33	35	2.7	34.2	.10
6224415	6254604	.05	1.22	.2	1	.5	250	249	.3	20	.45	.10	40	42	4	3	27	28	.2	14	1.7	.7	52	.7	.67	.5	.12	17	20	1.2	53.1	.12
6224416	6254605	.05	1.81	.2	1	.5	210	210	.4	17	.48	.10	52	58	6	5	53	48	.2	13	2.3	.2	119	1.6	1.32	2.0	.34	28	26	2.9	28.0	.17
6224417	6254606	.05	2.32	.2	1	.5	290	302	.6	19	.84	.30	60	62	25	22	89	72	.6	16	2.6	.9	201	5.4	4.92	3.0	.50	30	26	3.4	29.6	.17
6224418	6254607	.05	1.71	.6	1	.5	230	237	.5	16	.76	.40	65	71	14	11	51	43	.2	21	3.0	1.4	131	3.8	3.50	2.0	.36	35	33	3.0	36.5	.26
6224419	6254608	.05	2.42	.2	1	.5	320	313	.5	15	.73	.20	69	64	8	8	66	55	.2	16	2.6	1.5	141	2.6	2.35	3.0	.53	32	29	3.4	25.2	.14
6224421	6254609	.05	.84	.2	1	.5	110	130	.2	17	.30	.30	28	34	4	4	38	31	.2	14	1.3	.2	42	2.0	1.97	.5	.09	16	15	1.2	37.3	.11
6224422	6254610	.05	1.07	.2	1	.5	160	187	.2	23	.52	.40	33	31	7	7	36	30	.2	12	1.5	.6	84	1.2	1.04	.5	.14	16	15	1.6	51.4	.13
6224423	6254611	.05	1.60	.8	1	.5	190	200	.4	14	.48	.50	44	45	13	12	39	44	.2	16	2.0	.2	109	6.0	5.41	.5	.24	22	18	2.5	51.5	.17
6224424	6254612	.05	1.38	.7	1	.5	230	251	.3	22	.51	.30	33	33	6	6	43	39	.2	16	1.7	.2	49	1.0	.82	1.0	.24	15	16	1.9	63.5	.15
6224425	6254613	.05	5.43	.9	3	3.0	770	739	1.2	8	1.92	.05	130	112	15	15	98	67	1.3	36	4.5	1.6	302	3.6	2.98	11.0	1.65	63	54	8.3	15.6	.49
6224426	6254614	.05	3.11	.2	1	.5	250	231	.9	14	.57	.60	130	121	31	26	88	61	.2	34	4.2	1.5	126	7.6	6.62	2.0	.32	54	48	2.9	34.6	.34
6224427	6254615	.05	2.89	.2	2	.5	340	368	.6	13	1.17	.20	65	62	13	12	68	45	.2	13	2.8	1.1	134	2.4	2.06	4.0	.68	29	28	4.1	27.0	.18
6224428	6254616	.05	2.75	.6	1	.5	340	342	.6	14	.98	.10	71	64	8	9	57	40	.2	16	2.5	.2	136	1.6	1.43	5.0	.58	34	30	3.5	29.8	.19
6224429	6254617	.05	2.63	1.0	2	.5	210	207	.6	36	1.06	.50	120	113	15	13	60	52	.2	32	3.9	1.6	98	2.0	1.74	1.0	.13	57	51	1.6	52.4	.32
6224431	6254618	.05	1.22	.2	1	.5	170	173	.3	15	.48	.10	41	45	4	3	29	24	.2	15	2.2	.2	43	.5	.45	1.0	.18	21	21	1.5	34.5	.13
6224432	6254619	.05	1.88	.2	1	.5	160	183	.4	17	1.36	.30	83	82	9	10	39	36	.2	29	3.2	1.2	114	1.4	1.39	2.0	.27	37	37	3.2	37.0	.20
6224433	6254620	.05	5.79	.8	3	.5	790	778	1.4	8	2.02	.05	160	150	15	16	78	58	1.1	50	6.1	2.4	22	3.7	3.07	11.0	1.76	78	69	8.5	8.2	.57
6224434	6254621	.05	3.85	1.8	3	.5	400	404	1.1	12	.97	.40	140	123	24	19	60	45	.6	19	4.8	1.8	162	4.0	3.57	5.0	.80	63	55	4.2	23.0	.41
6224435	6254622	.05	4.18	.2	2	.5	330	344	1.2	26	.88	.70	210	207	34	28	65	49	.2	53	7.0	2.5	147	6.8	6.04	3.0	.58	92	84	4.1	29.8	.60
6224436	6254623	.05	4.94	.2	3	.5	570	561	1.3	18	1.42	.30	180	166	35	30	69	53	.9	38	6.2	2.5	214	5.9	5.06	8.0	1.17	74	65	5.7	18.4	.58
6224437	6254624	.05	2.06	.2	1	.5	200	220	.5	26	.69	.20	79	71	5	6	37	33	.2	22	3.0	.2	161	1.7	1.54	2.0	.32	36	34	2.1	31.7	.18
6224438	6254625	.05	2.04	.2	1	.5	180	156	.6	25	.56	.30	80	98	5	7	19	28	.2	31	3.7	.2	111	1.4	1.37	.5	.15	39	42	1.4	36.5	.20
6224439	6254626	.05	6.13	1.2	3	.5	840	862	1.4	4	2.20	.05	110	119	29	29	53	48	1.1	39	5.2	1.8	286	3.1	2.88	12.0	2.04	56	55	7.5	4.2	.49
6224441	6254627	.05	1.85	.7	1	.5	240	221	.4	21	.86	.30	91	84	5	7	42	39	.2	26	2.8	.2	119	1.4	1.33	1.0	.25	40	38	2.2	35.6	.25
6224442	6254628	.05	5.77	.7	4	.5	770	791	1.3	8	1.99	.05	120	112	10	11	91	63	.7	20	5.0	2.4	184	2.9	2.24	11.0	1.74	57	50	6.5	6.6	.52
6224443	6254629	.05	4.51	.2	1	.5	660	637	1.0	8	1.82	.05	100	99	23	20	79	51	.2	21	4.3	1.6	187	3.8	3.27	7.0	1.32	50	45	5.2	14.2	.40
6224444	6254630	.05	1.22	.2	1	.5	140	156	.2	13	.50	.20	43	43	3	4	23	21	.2	15	2.0	.7	52	.6	.64	.5	.17	20	20	1.4	31.1	.10
6224445	6254631	.05	2.54	.5	1	.5	310	319	.5	16	.94	.30	62	53	10	9	49	38	.2	16	2.5	.2	175	2.4	2.06	4.0	.56	28	25	3.9	30.7	.21
6224446	6254632	.05	.78	.6	1	.5	140	136	.2	13	.45	.30	26	28	6	6	20	20	.2	14	1.6	.8	40	1.0	.89	.5	.09	13	14	1.0	43.0	.12
6224447	6254633	.05	1.58	.2	1	.5	170	166	.4	23	.45	.30	40	39	8	6	50	47	.2	16	1.7	1.2	73	2.0	1.96	1.0	.23	22	19	2.5	33.6	.18
6224448	6254634	.05	.57	.7	1	.5	150	158	.1	19	.29	.30	12	11	2	2	17	19	.2	8	.7	.2	28	.9	.78	.5	.09	5	5	.8	73.3	.02
6224449	6254635	.05	1.33	.2	1	.5	160	177	.3	14	.39	.20	32	38	5	5	58	43	.2	16	2.1	.2	59	1.5	1.28	.5	.19	22	22	1.8	32.5	.09
6224451	6254636	.05	2.50	.5	1	.5	280	276	2.1	24	.57	.30	90	86	10	8	73	65	.2	41	6.3	.2	168	3.0	2.64	3.0	.40	39	38	4.1	32.5	.37
6224452	6254637	.05	4.01	.8	1	.5	500	532	.9	10	1.20	.20	86	68	19	17	61	47	.5	11	2.8	1.5	241	4.2	3.65	7.0	1.09	41	29	6.5	19.4	.27
6224453	6254638	.05	3.39	.6	1	.5	370	385	.8	17	.94	.10	78	69	12	12	60	47	.5	14	3.1	1.0	160	3.4	2.92	4.0	.72	36	31	4.0	26.8	.29
6224454	6254639	.05	2.43	.2	1	.5	350	382	.6	14	.91	.05	54	49	5	6	39	31	.6	11	2.4	.2	130	1.6	1.35	3.0	.61	25	23	3.0	33.9	.20
6224455	6254640	.05	2.23	1.0	1	.5	260	288	.4	15	.77	.20	46	44	9	9	28	30	.2	11	1.8	.2	149	2.1	1.91	3.0	.48	22	20	3.3	27.3	.18
6224456	6254641	.05	1.64	.8	1	.5	240	225	.3	12	.61	.10	31	31	4	5	22	22	.5	9	1.4	.2	88	1.0	.98	2.0	.37	15	15	2.4	25.1	.13
6224457	6254642	.05	1.08	.6	2	.5	100	102	.2	13	.49	.20	35	33	6	5	11	21	.2	14	1.5	.2	50	.6	.52	.5	.14	16	16	1.8	33.8	.09
6224458	6254643	.05	5.03	.8	1	.5	750	725	1.1	7	1.83	.05	83	75	12	11	70	47	.6	10	3.9	1.6	189	3.6	2.99	9.0	1.57	41	35	4.6	8.9	.39
6224459	6254644	.05	3.07	.6	1	.5	430	406	.8	16	.91	.40	100	95	28	23	59	45	.2	20	3.6	1.5	119	7.3	6.62	4.0	.67	41	36	3.3	20.4	.33
6224461	6254645	.05	6.34	1.1	3	.5	910	923	1.4	2	2.39	.05	95	103	10	13	58	49	1.2	16	5.1	1.5	315	2.7	2.43	14.0	2.16	47	48	8.0	2.5	.42
6224462	6254646	.05	2.77	.7	1	.5	350	364	.7	18	1.07	.20	73	72	9	9	37	35	.6	15	3.6	.2	201	3.0	2.79	5.0	.71	36	34	3.5	25.2	.31
6224463	6254647	.05	1.45	.7	1	.5	200	212	.4	16	.99	.20	64	70	3	5	11	19	.2	7	3.1	.2	96	2.1	1.93	3.0	.37	37	35	2.3	36.4	.24
6224464	6254648	.05	4.48	.8	2	.5	610	640	1.2	5	1.66	.05	110	113	13	14	49	36	.8	8	5.3	1.7	216	3.1	2.88	11.0	1.40	50	49	5.4	10.7	.51
6224465	6254649	.05	4.47	.7	1	.5	560	611	1.2	9	1.71	.05	120	118	19	19	68	46	.8	11	5.4	1.9	172	3.0	2.71	9.0	1.32	58	54	5.9	15.6	.53
6224466	6254650	.05	5.23	.8	1	.5	760	751	1.3	4	1.79	.05	100	96	14	13	44	39	1.1	8	4.3	1.3	290	4.1	3.65	9.0	1.67	49	44	7.3	10.6	.41
6224467	6254651	.05	2.14	.2	1	.5	160	163	.5	16	.58	.40	97	99	8	8	32	37	.5	22	3.5	.2	167	3.3	3.24	2.0	.26	48	46	4.0	32.5	.32
6224468	6254652	.05	2.40	1.6	3	.5	170	160	.8	25	.49	.30	180	185	6	7	46	36	.2	51	7.4	2.5	48	.7	.68	.5	.13	82	78	1.6	41.4	.54
6224469	6254653	.05	2.08	.2	1	.5	210	186	.6	26	.49	.30	110	111	8	7	42	33	.2	23	4.6	1.8	51	1.1	1.04	2.0	.20	50	45	1.8	34.2	.32
6224471	6254654	.05	5.02	.7	1	.5	660	679	1.2	12	1.61	.05	110	105	13	13	52	45	1.0	16	4.3	2.1	237	2.9	2.44	9.0	1.47	48	45	6.1	16.4	.38
6224472	6254655	.05	4.65	.6	3	3.0	660	635	1.1	9	1.58	.05	87	84	8	10	57	46	1.2	10	4.0	.2	277	3.8	3.19	6.0	1.40	40	39	6.1	11.4	.27
6224473	6254656	.05	5.97	2.0	4	.5	880	867	1.5	3	2.05	.05	110	116	19	20	72	56	1.3	18	5.1	1.8	326	4.5	4.16	10.0	2.05	55	54	9.7	3.9	.43
6224474	6254657	.05	5.77	.6	1	.5	830	844	1.3	2	2.10	.05	83	82	10	11	70	47	.8	4	4.4	1.4	208	2.8	2.24	12.0	1.96	40	37	5.5	3.3	.44
6224475	6254658	.05	4.39	.7	1	.5	640	605	1.1	9	1.48	.05	79	74	10	11	72	46	.9	9	3.4	1.5	277	3.2	2.80	6.0	1.34	39	35	7.9	11.4	.38
6224476	6254659	.05	4.88	.6	1	.5	680	724	1.1	4	1.71	.05	64	62	7	8	51	37	.5	3	3.2	1.0	144	2.3	1.96	8.0	1.61	32	29	4.6	7.9	.33
6224477	6254660	.05	2.05	.6	1	.5	240	217	.4	18	.68	.20	59	56	8	7	51	38	.2	15	2.3	1.3	142	2.3	2.09	2.0	.35	28	25	2.6	27.3	.17
6224478	6254661	.05	1.33	.2	1	.5	160	176	.2	8	.46	.05	31	28	4	4	20	21	.2	7	1.3	.2	50	.8	.72	2.0	.30	15	14	1.7	24.5	.09
6224479	6254662	.05	2.56	.8	1	.5	320	352	.5	12	.91	.10	55	51	5	7	42	38	.2	14	2.3	.2	128	1.7	1.41	3.0	.61	25	24	3.2	25.2	.17
6224481	6254663	.05	5.55	.8	2	.5	790	792	1.2	4	2.00	.05	97	88	14	14	90	64	1.0	17	4.3	1.2	291	4.0	3.55	11.0	1.78	46	41	7.5	11.1	.47
6224482	6254664	.05	2.27	.6	1	.5	330	305	.5	17	.94	.20	45	45	7	7	50	42	.2	8	2.2	1.0	128	2.8	2.35	4.0	.52	21	20	3.0	28.6	.22
6224483	6254665	.05	1.58	.5	1	.5	140	174	.3	19	.56	.20	46	45	7	7	31	33	.2	11	1.9	.2	114	1.8	1.53	1.0	.28	21	20	2.1	32.5	.12
6224484	6254666	.05	1.21	.6	1	.5	150	146	.2	16	.48	.20	28	32	1	4	2	26	.2	11	1.2	.6	92	.7	.70	.5	.22	14	15	1.8	25.8	.09
6224485	6254667	.05	1.29	.5	1	.5	200	199	.3	15	.62	.10	31	33	6	5	43	34	.2	11	1.5	.2	119	.8	.64	.5	.26	15	16	2.1	42.6	.10
6224486	6254668	.05	4.89	1.3	3	2.0	710	665	1.4	13	1.60	.20	93	87	15	14	120	93	1.0	62	5.1	2.2	274	4.5	4.03	9.0	1.41	47	42	7.5	17.7	.54
6224487	6254669	.05	5.80	.2	1	.5	800	831	1.2	2	2.28	.05	91	65	19	17	300	119	.2	5	3.8	1.2	205	5.9	3.21	8.0	1.67	45	31	6.7	2.4	.45

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224488	6254670	.05	1.77	.2	1	.5	260	262	.4	16	.70	.20	46	43	5	6	48	38	.2	13	1.9	.2	133	1.5	1.27	2.0	.37	22	21	2.5	38.3	.14
6224489	6254671	.05	4.23	.7	1	.5	680	708	.9	7	1.25	.05	66	54	6	6	67	49	.7	7	2.3	1.2	161	1.1	1.10	7.0	1.44	33	27	4.3	26.0	.30
6224491	6254672	.05	1.72	.2	1	.5	210	221	.6	15	.53	.20	43	48	4	4	48	43	.2	12	2.5	.2	100	1.1	1.04	2.0	.34	22	22	2.2	29.9	.19
6224492	6254673	.05	2.52	.8	1	.5	200	199	1.3	31	.52	.40	89	86	4	6	60	65	.2	25	5.2	1.3	91	1.5	1.31	1.0	.21	40	38	2.0	38.9	.36
6224493	6254674	.05	2.37	.9	1	.5	200	202	1.1	29	.49	.40	76	79	4	6	48	62	.2	22	4.8	1.4	83	1.4	1.27	2.0	.19	35	34	1.9	38.8	.29
6224494	6254675	.05	3.45	.2	1	5.0	500	506	1.0	11	1.05	.05	62	58	8	8	100	64	.8	7	3.0	.2	166	2.1	1.90	7.0	.99	31	28	5.3	22.1	.31
6224495	6254676	.05	1.53	1.0	1	.5	140	150	.3	23	.54	.30	39	37	10	9	30	34	.2	11	1.7	.2	87	3.2	2.85	2.0	.24	16	16	2.2	35.4	.11
6224496	6254677	.05	3.43	.9	1	.5	470	469	.7	13	1.28	.10	61	59	11	10	66	53	.2	12	2.9	1.3	158	3.7	3.41	6.0	.94	29	27	3.8	23.1	.25
6224497	6254678	.05	.97	.6	1	.5	72	71	.2	22	.43	.30	31	31	4	4	28	23	.2	12	1.5	.2	48	1.1	1.14	.5	.08	14	14	1.0	35.9	.12
6224498	6254679	.05	3.96	.2	1	.5	430	425	1.3	22	.98	.40	110	100	22	19	77	59	.2	34	4.8	2.0	205	6.1	5.41	5.0	.88	50	45	3.3	18.5	.54
6224499	6254680	.05	3.68	.2	1	.5	450	460	.9	17	1.22	.20	79	72	13	13	71	53	.6	12	3.2	1.6	144	4.3	3.81	6.0	.91	36	31	3.7	24.2	.37
6224501	6254681	.05	1.20	.6	1	.5	210	229	.3	25	.45	.10	39	36	6	6	25	29	.2	12	1.7	.2	66	1.7	1.53	1.0	.17	17	16	1.9	39.3	.13
6224502	6254682	.05	3.49	.6	1	.5	390	396	.9	19	1.08	.20	75	67	11	11	89	66	.2	16	3.6	1.0	165	5.0	4.48	6.0	.80	37	31	4.5	26.7	.40
6224503	6254683	.05	1.57	.2	1	.5	180	169	.4	26	.42	.10	43	42	4	5	40	38	.2	18	1.9	.2	94	1.4	1.30	1.0	.24	23	20	2.6	33.7	.16
6224504	6254684	.05	4.76	.6	1	.5	590	620	1.2	10	1.48	.20	100	82	32	28	80	57	.5	14	3.8	1.6	209	7.2	6.36	9.0	1.29	48	34	5.0	17.2	.38
6224505	6254685	.05	2.32	.2	1	.5	280	283	.6	12	.70	.10	40	39	6	7	35	35	.2	9	1.8	.2	101	2.4	2.27	2.0	.49	21	19	2.9	25.7	.10
6224506	6254686	.05	4.80	.2	1	.5	670	660	1.1	9	1.68	.05	73	69	9	10	82	57	.6	9	3.4	1.4	146	2.6	1.94	8.0	1.45	34	33	4.9	10.9	.23
6224507	6254687	.05	2.97	1.6	1	.5	210	217	1.0	19	.46	.80	110	128	42	36	88	80	.5	34	5.6	1.0	143	20.3	18.71	2.0	.40	50	47	4.2	30.9	.35
6224508	6254688	.05	2.30	.2	1	.5	240	242	.6	21	.56	.30	47	49	9	9	48	50	.2	13	2.1	.2	112	3.8	3.73	2.0	.40	21	21	3.0	27.7	.23
6224509	6254689	.05	3.20	.2	2	.5	360	356	.8	17	.98	.20	80	73	9	9	50	50	.2	28	3.5	.2	164	3.0	2.63	4.0	.71	37	33	3.9	28.1	.31
6224511	6254690	.05	2.75	1.2	1	.5	240	236	.7	25	.57	.30	66	69	8	10	61	62	.6	23	3.2	.2	218	5.6	5.52	2.0	.45	32	29	4.6	31.0	.21
6224512	6254691	.05	5.43	.5	1	.5	740	732	1.3	4	1.92	.05	76	68	11	12	84	55	.6	4	3.7	1.4	135	4.0	3.15	11.0	1.74	34	30	4.2	5.4	.44
6224513	6254692	.05	5.39	.9	1	.5	750	739	1.2	4	1.90	.05	74	62	11	12	77	55	.7	4	3.2	1.4	187	3.5	2.90	9.0	1.73	34	29	5.2	8.6	.39
6224514	6254693	.05	2.65	.6	3	.5	370	383	.6	18	1.01	.05	57	47	4	5	36	29	.2	10	2.2	.2	102	1.3	1.19	6.0	.78	25	23	2.8	37.9	.23
6224515	6254694	.05	1.79	.7	1	.5	250	263	.5	21	.87	.20	56	51	8	7	49	38	.2	12	2.1	1.0	132	4.1	3.52	3.0	.38	28	23	2.2	38.5	.26
6224516	6254695	.05	.88	.2	1	.5	130	126	.2	12	.81	.10	28	25	5	6	22	19	.2	9	1.0	.7	62	.6	.53	1.0	.16	13	12	1.4	44.9	.12
6224517	6254696	.05	2.89	1.3	1	.5	310	307	.7	21	.91	.30	79	70	11	11	66	48	.5	17	3.1	.2	167	4.9	4.19	4.0	.63	37	31	4.0	32.1	.32
6224518	6254697	.05	.40	.2	1	.5	25	53	.1	7	.38	.20	20	21	4	4	2	9	.2	10	1.2	.2	27	.3	.34	.5	.04	10	12	.7	33.4	.13
6224519	6254698	.05	1.16	.6	1	.5	150	139	.2	17	.67	.20	22	22	5	4	21	23	.2	8	.9	.2	79	.9	.75	2.0	.26	10	10	2.1	36.0	.11
6224521	6254699	.05	4.02	.2	1	.5	450	499	.9	17	1.60	.05	83	62	12	12	94	52	.5	10	3.1	1.0	152	3.7	2.67	5.0	1.11	36	28	5.3	26.4	.36
6224522	6254700	.05	5.35	.5	2	.5	730	772	1.2	4	2.00	.05	85	69	11	11	73	45	.6	9	3.2	1.3	180	2.4	1.72	10.0	1.86	39	32	5.3	10.5	.46
6224523	6254701	.05	.43	.2	1	.5	60	60	.1	8	.42	.20	19	15	3	4	2	12	.2	7	.6	.2	26	.5	.48	.5	.04	7	7	.8	38.8	.02
6224524	6254702	.05	.99	.2	1	.5	140	176	.2	19	.60	.20	22	19	3	3	20	19	.2	9	.7	.2	82	1.5	1.27	1.0	.23	10	9	1.3	83.0	.10
6224525	6254703	.05	4.78	.6	1	.5	640	666	1.1	6	1.77	.05	86	71	10	11	88	53	.2	9	3.5	1.4	163	3.6	2.68	9.0	1.49	39	32	4.6	10.5	.44
6224526	6254704	.05	3.15	.6	1	.5	350	429	.7	12	1.15	.05	59	55	6	7	40	39	.2	13	2.4	.2	118	1.9	1.50	4.0	.88	28	26	3.3	18.1	.22
6224527	6254705	.05	3.51	.2	2	.5	460	483	.8	11	1.29	.05	80	75	7	9	55	42	.7	28	3.3	.2	164	2.2	1.95	7.0	1.05	41	36	4.7	23.5	.33
6224528	6254706	.05	2.35	.6	1	.5	320	327	.5	16	.82	.05	46	43	3	5	48	30	.6	11	1.9	.2	110	1.3	1.18	5.0	.64	22	20	2.8	31.0	.20
6224529	6254707	.05	2.19	.2	4	.5	310	305	.5	13	.83	.05	41	40	4	6	45	38	.2	9	1.8	.2	96	1.4	1.19	5.0	.56	21	19	3.3	29.9	.15
6224531	6254708	.05	4.12	.2	1	.5	550	565	1.0	14	1.22	.05	70	55	12	11	94	74	1.1	13	2.7	.2	260	4.1	3.77	5.0	1.17	35	25	6.5	18.3	.30
6224532	6254709	.05	2.00	.2	1	.5	290	281	.5	20	.66	.05	42	41	6	6	53	37	.2	10	1.7	.2	128	1.7	1.67	2.0	.47	21	19	3.2	24.4	.13
6224533	6254710	.05	3.77	.6	1	.5	460	482	.9	16	1.06	.30	71	63	18	16	120	78	.7	15	2.8	1.6	180	5.8	5.54	4.0	.95	36	27	6.8	23.2	.31
6224534	6254711	.05	1.73	.9	1	.5	190	195	.5	18	.57	.30	42	44	11	8	27	35	.2	11	1.9	.2	112	2.3	2.22	.5	.31	20	20	3.3	37.6	.14
6224535	6254712	.05	1.00	.2	1	2.0	74	140	.7	14	.40	.20	55	76	1	5	31	34	.2	22	4.1	.2	58	.7	.88	.5	.12	26	37	1.3	33.8	.14
6224536	6254713	.05	1.03	.6	1	.5	130	150	.4	32	.38	.40	37	48	1	4	2	28	.2	27	2.8	.2	33	1.5	1.56	.5	.10	20	22	1.2	50.2	.22
6224537	6254714	.05	.72	.6	1	.5	160	159	.2	20	.33	.30	21	23	3	4	22	23	.2	10	1.0	.2	38	.3	.21	.5	.09	11	11	1.1	60.6	.11
6224538	6254715	.05	1.20	.2	1	.5	170	171	.4	13	.41	.05	25	29	1	3	22	29	.2	9	1.4	.2	48	.7	.58	1.0	.25	14	14	1.7	29.4	.14
6224539	6254716	.05	3.92	.6	1	.5	610	574	.9	9	1.19	.05	68	46	10	9	92	58	.7	5	2.1	.2	230	2.5	1.85	9.0	1.18	35	22	5.6	17.6	.34
6224541	6254717	.05	.79	.6	1	.5	180	181	1.0	16	.33	.20	91	86	4	6	2	40	.2	18	4.5	.2	47	1.7	1.28	.5	.06	39	38	.5	29.0	.35
6224542	6254718	.05	.64	.2	1	.5	110	82	.3	16	.21	.10	31	30	1	2	2	20	.2	14	1.5	.2	23	.3	.26	.5	.04	12	13	.7	26.7	.10
6224543	6254719	.05	5.16	.2	2	.5	750	763	1.8	9	1.49	.05	160	85	12	12	170	91	.8	9	3.5	1.6	240	4.6	2.70	9.0	1.58	79	39	7.9	13.6	.57
6224544	6254720	.05	.93	.2	3	.5	84	94	.8	14	.19	.05	33	33	1	2	22	25	.2	7	3.1	.2	51	.8	.83	.5	.11	16	16	1.5	21.2	.18
6224545	6254721	.05	.92	.2	1	.5	150	144	.3	20	.35	.10	27	29	1	3	27	21	.2	11	1.5	.2	46	.8	.67	.5	.17	15	14	1.4	34.8	.14
6224546	6254722	.05	2.98	.7	2	.5	300	322	1.4	20	.76	.30	91	78	12	10	130	94	.2	19	5.7	1.7	197	4.3	3.75	3.0	.54	40	33	6.0	35.4	.51
6224547	6254723	.05	.87	.2	1	.5	110	118	1.0	16	.28	.20	50	48	1	3	42	38	.2	21	4.0	.7	41	.9	.84	.5	.08	20	21	1.2	32.7	.27
6224548	6254724	.05	1.77	.2	1	.5	230	228	.7	17	.44	.20	45	46	3	3	32	34	.2	17	2.1	.2	66	.5	.48	2.0	.35	22	21	2.0	35.1	.13
6224549	6254725	.05	1.70	.2	1	.5	200	217	.8	14	.44	.10	43	40	4	5	48	39	.6	19	2.0	.2	110	1.0	.96	1.0	.36	19	18	3.7	29.2	.19
6224551	6254726	.05	1.64	.2	1	.5	180	188	.7	28	.44	.20	44	43	4	5	51	53	.2	21	2.3	.2	83	2.1	2.00	1.0	.33	20	19	4.5	24.6	.18
6224552	6254727	.05	3.41	.8	1	.5	490	528	.9	10	.98	.05	71	64	5	7	72	56	.5	13	2.5	1.8	142	2.3	2.03	7.0	1.02	34	31	5.0	24.6	.29
6224553	6254728	.05	4.14	.2	1	.5	710	616	.9	5	1.49	.05	80	70	14	14	150	82	.5	6	2.9	.2	134	4.3	2.25	8.0	1.23	40	32	4.5	12.6	.34
6224554	6254729	.05	2.78	.2	1	.5	330	375	.7	11	1.01	.20	62	61	8	8	85	70	.2	11	2.5	1.1	133	2.2	1.86	4.0	.68	29	28	3.9	24.7	.22
6224555	6254730	.05	4.71	.6	2	.5	630	642	1.2	11	1.48	.05	95	78	29	28	170	105	.9	14	3.2	1.6	272	7.3	6.42	8.0	1.25	43	34	8.3	14.8	.39
6224556	6254731	.05	3.99	.5	1	.5	530	557	.9	9	1.26	.10	71	49	12	12	95	72	.9	6	2.2	.2	221	3.6	3.15	7.0	1.07	31	23	7.0	15.3	.28
6224557	6254732	.05	4.11	.6	1	.5	560	595	.9	6	1.38	.05	65	52	12	12	85	60	.6	6	2.3	.2	160	3.5	3.23	8.0	1.21	31	24	5.1	17.0	.31
6224558	6254733	.05	2.86	.6	4	.5	380	406	1.0	11	.87	.05	79	68	7	8	93	56	.7	19	3.2	.2	205	2.6	2.13	4.0	.66	38	32	5.1	22.7	.30
6224559	6254734	.05	1.56	.6	2	.5	230	253	.4	19	.69	.50	41	38	6	7	44	38	.2	19	1.6	.2	77	.9	.85	2.0	.38	19	18	2.3	63.5	.18
6224561	6254735	.05	4.00	.6	1	.5	560	583	.9	9	1.38	.05	74	50	13	13	100	62	.2	7	2.1	.2	171	4.1	3.27	7.0	1.14	34	24	4.9	22.6	.32
6224562	6254736	.05	1.55	.2	1	.5	180	196	.4	19	.47	.30	40	45	5	5	54	39	.2	14	2.0	.7	75	1.6	1.61	.5	.25	20	20	2.3	30.1	.17
6224563	6254737	.05	4.52	.2	1	.5	620	643	1.0	9	1.55	.05	77	67	14	12	110	67	.5	15	3.3	.2	164	4.2	3.35	6.0	1.33	36	31	4.7	15.3	.37

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224564	6254738	.05	1.62	.2	1	.5	210	228	.4	17	.49	.10	43	38	5	5	31	39	.2	12	1.6	.2	88	1.5	1.35	2.0	.31	17	18	2.8	31.1	.17
6224565	6254739	.05	5.49	.2	3	.5	780	815	1.2	4	2.01	.05	90	80	11	12	98	65	.7	14	3.7	1.2	228	3.2	2.39	11.0	1.82	44	38	6.0	8.2	.41
6224566	6254740	.05	1.50	.6	1	.5	150	164	.6	20	.58	.40	69	72	12	11	50	49	.2	25	3.4	1.1	134	3.7	3.19	.5	.17	35	32	2.0	44.8	.36
6224567	6254741	.05	1.88	.7	1	.5	320	336	.6	23	.72	.20	72	71	5	6	52	46	.6	34	3.2	1.5	64	3.2	2.94	1.0	.25	35	32	2.3	42.8	.24
6224568	6254742	.30	1.10	.2	1	.5	120	145	1.3	26	.20	.90	37	65	12	10	37	59	.2	22	4.2	.9	116	28.9	24.64	.5	.26	30	23	2.9	45.2	.37
6224569	6254743	.05	2.06	.9	1	.5	290	277	.5	13	.74	.30	73	50	12	12	160	79	.2	7	2.1	.8	93	4.8	3.19	4.0	.49	34	23	3.4	34.7	.35
6224571	6254744	.05	1.57	.2	1	.5	210	248	.4	13	.51	.05	27	30	3	4	33	30	.2	8	1.2	.2	82	.9	.90	1.0	.38	14	14	3.0	24.0	.11
6224572	6254745	.05	3.31	.2	1	.5	460	478	.8	8	.96	.20	56	50	11	10	72	55	.9	9	2.1	1.0	188	5.1	5.01	6.0	.87	27	21	5.5	25.1	.24
6224573	6254746	.05	1.67	.2	3	.5	230	250	.5	12	.41	.30	60	62	9	8	55	43	.2	18	2.8	.9	77	3.4	3.21	2.0	.24	28	26	2.5	37.4	.26
6224574	6254747	.05	.99	.2	1	.5	140	149	.2	10	.33	.10	22	27	3	3	28	27	.2	9	1.2	.2	46	1.2	1.29	.5	.16	11	12	1.5	25.8	.08
6224575	6254748	.05	2.40	.2	1	.5	330	355	.6	8	.84	.05	43	39	5	6	46	40	.2	9	1.7	.9	116	1.6	1.48	3.0	.64	20	18	2.5	21.0	.18
6224576	6254749	.05	1.82	.2	1	.5	220	241	.4	16	.65	.10	42	39	4	5	54	40	.2	14	1.8	.2	86	1.5	1.30	3.0	.39	19	18	2.6	27.2	.16
6224577	6254750	.05	.53	.2	1	.5	89	87	.1	9	.27	.10	22	22	1	2	2	11	.2	10	.9	.2	33	.3	.33	.5	.07	10	10	.7	28.9	.08
6224578	6254751	.05	3.23	.2	1	.5	410	448	.7	9	1.09	.10	55	43	11	10	64	45	.5	11	2.0	.9	244	3.0	2.58	5.0	.87	27	20	4.7	33.3	.20
6224579	6254752	.05	2.42	.2	1	.5	320	350	.6	11	.75	.10	61	56	8	8	52	43	.2	26	2.5	1.1	184	2.1	1.92	3.0	.49	28	25	2.8	41.0	.27
6224581	6254753	.05	2.62	.2	1	.5	330	372	.5	8	.82	.05	44	37	5	7	44	37	.2	9	1.8	1.0	186	1.9	1.69	4.0	.67	19	17	4.5	27.5	.16
6224582	6254754	.05	5.69	.2	2	.5	850	865	1.2	3	2.08	.05	70	63	10	12	100	68	.5	3	2.9	1.0	218	3.3	2.60	11.0	1.80	36	30	5.6	5.5	.33
6224583	6254755	.05	1.12	.2	1	.5	140	157	.3	16	.36	.20	36	31	4	4	32	27	.2	10	1.4	.2	116	1.3	1.25	.5	.18	13	14	1.7	32.6	.11
6224584	6254756	.05	4.00	.2	1	.5	600	628	.9	8	1.37	.05	61	46	6	7	69	49	.2	4	2.0	.9	149	2.3	2.04	7.0	1.22	28	22	3.9	17.8	.25
6224585	6254757	.05	2.21	.2	1	.5	280	293	.5	15	.73	.10	44	44	7	7	44	43	.2	12	1.9	.8	145	2.2	2.05	2.0	.47	22	20	3.3	28.8	.19
6224586	6254758	.05	2.31	.2	1	.5	290	309	.5	15	.76	.10	48	42	7	7	51	43	.2	12	1.9	.9	145	2.2	2.00	3.0	.51	23	19	3.4	28.2	.18
6224587	6254759	.05	3.75	.6	1	.5	490	551	.8	11	1.39	.05	66	56	14	13	81	56	.5	12	2.7	.9	237	3.9	3.56	5.0	1.07	32	26	5.6	24.5	.25
6224588	6254760	.05	1.50	.2	3	.5	150	169	.4	21	.51	.20	51	49	6	6	47	37	.2	18	2.1	1.1	115	1.5	1.43	1.0	.19	23	22	2.0	37.2	.20
6224589	6254761	.05	1.76	.2	1	7.0	190	202	.4	20	.54	.30	51	44	8	7	43	48	.2	15	2.0	.2	126	2.4	2.15	2.0	.27	23	19	2.9	37.3	.15
6224591	6254762	.05	1.80	.2	1	.5	180	200	.5	25	.42	.30	50	40	9	9	51	47	.2	14	1.9	.9	117	4.5	3.93	1.0	.23	20	17	2.5	42.6	.15
6224592	6254763	.05	1.07	.2	1	.5	120	148	.3	18	.29	.10	40	38	4	4	38	34	.2	11	1.6	.2	41	1.4	1.31	.5	.10	17	17	1.2	35.2	.10
6224593	6254764	.05	5.97	.2	2	.5	920	928	1.4	5	1.81	.05	73	65	12	13	92	79	1.2	11	2.7	1.1	332	2.8	2.54	7.0	2.09	35	32	9.8	10.8	.27
	6274765																															
6224595	6254766	.05	2.96	.2	2	.5	240	262	3.2	29	.57	.40	170	165	13	11	100	91	.2	66	14.4	3.1	188	6.8	6.34	2.0	.42	75	69	3.4	38.2	1.10
6224596	6254767	.05	5.69	.2	1	.5	820	862	1.7	3	1.63	.05	88	56	13	13	120	64	.8	6	2.6	1.1	158	4.7	2.43	7.0	1.84	44	26	5.8	2.8	.37
6224597	6254768	.05	1.68	.2	1	.5	190	193	.7	15	.65	.30	80	75	8	7	42	41	.2	22	4.2	1.3	81	1.9	1.86	1.0	.22	34	33	2.4	43.6	.32
6224598	6254769	.05	1.36	.2	1	.5	230	254	.6	13	.38	.05	47	46	6	6	35	35	.2	14	2.5	.8	66	1.5	1.45	1.0	.19	22	20	2.4	45.1	.18
6224599	6254770	.05	.99	.2	1	.5	100	121	.5	16	.36	.10	25	31	1	2	24	23	.2	22	1.6	.7	80	.4	.34	1.0	.16	15	15	1.4	31.4	.12
6224601	6254771	.05	.25	.2	1	.5	87	86	.2	15	.27	.05	2	8	1	1	2	5	.2	6	.6	.2	22	.1	.13	.5	.04	6	6	.3	37.0	.02
6224602	6254772	.05	.62	.2	1	.5	89	99	.2	14	.37	.20	13	15	3	4	22	19	.2	6	.8	.2	70	.8	.73	.5	.05	7	6	.6	47.5	.07
6224603	6254773	.05	2.68	.2	1	.5	470	449	.7	9	.74	.05	39	34	7	6	40	43	.7	10	1.8	.9	136	1.4	1.32	2.0	.82	17	16	3.8	29.8	.15
6224604	6254774	.05	5.27	.2	4	.5	770	794	1.3	5	1.66	.05	89	68	10	13	120	83	.9	4	3.0	.9	217	4.0	2.56	9.0	1.64	45	33	7.1	7.0	.28
6224605	6254775	.05	2.87	.2	1	.5	410	431	.7	13	.99	.05	63	48	7	9	88	72	.7	7	2.2	.9	166	2.9	2.69	6.0	.77	29	23	4.1	29.9	.23
	6274776																															
6224607	6254777	.05	1.23	.2	1	.5	160	190	.7	21	.53	.20	45	43	5	6	49	42	.2	22	3.0	.8	64	.3	.31	1.0	.20	26	28	2.1	64.4	.26
6224608	6254778	.05	.59	.2	1	.5	100	95	.2	16	.28	.10	14	17	1	2	21	29	.2	8	.5	.2	42	.4	.45	.5	.12	8	8	.9	29.4	.02
6224609	6254779	.05	2.44	.2	1	2.0	350	364	.9	13	.71	.05	62	50	9	9	76	60	.6	9	2.4	1.1	141	2.1	1.90	5.0	.61	31	25	3.1	24.0	.25
6224611	6254780	.05	.72	.2	2	.5	88	104	.2	23	.23	.50	10	17	3	2	18	21	.2	10	.9	.2	96	3.0	2.96	.5	.06	6	6	.7	53.8	.07
6224612	6254781	.05	.52	.2	1	.5	91	102	.2	9	.21	.10	14	13	1	2	12	18	.2	6	.7	.2	46	.1	.10	.5	.06	6	6	.6	35.2	.06
6224613	6254782	.05	.54	.2	1	.5	110	99	.1	8	.28	.10	9	9	2	2	2	11	.2	3	.5	.2	41	.2	.19	.5	.11	5	5	.8	27.8	.06
6224614	6254783	.05	3.02	.2	4	.5	480	480	.8	13	1.10	.05	77	46	14	13	91	57	.2	11	2.3	.2	141	3.0	1.99	5.0	.88	33	23	3.9	26.4	.30
6224615	6254784	.05	2.53	.2	1	.5	350	368	.6	10	.79	.05	44	47	8	8	57	47	.2	12	2.4	.2	123	1.7	1.44	3.0	.69	20	22	3.8	32.4	.19
6224616	6254785	.05	.45	.2	1	.5	190	187	.3	11	.35	.10	10	15	3	3	2	16	.2	7	1.1	.2	33	.3	.30	.5	.04	7	8	.8	41.5	.02
6224617	6254786	.05	.55	.2	1	.5	150	158	.3	10	.36	.10	16	18	4	4	18	18	.2	7	1.2	.2	42	.2	.19	.5	.06	9	10	1.1	40.5	.02
6224618	6254787	.05	2.02	.2	1	.5	270	305	.5	17	.60	.30	43	44	8	7	42	44	.5	19	2.1	.2	143	.8	.73	2.0	.47	20	21	3.4	57.3	.18
6224619	6254788	.05	3.12	.2	2	.5	370	360	1.2	26	.70	.20	84	78	10	10	110	92	.6	24	3.5	1.1	183	3.4	2.99	3.0	.54	38	34	5.2	33.3	.27
6224621	6254789	.05	2.98	.2	2	.5	380	374	1.2	27	.62	.20	82	71	13	13	79	82	.6	24	3.2	1.7	170	3.9	3.54	3.0	.35	34	30	3.8	43.0	.23
6224622	6254790	.05	2.31	.2	2	.5	280	305	.6	18	.68	.05	54	42	6	7	58	57	.7	11	1.9	.2	157	2.5	2.10	4.0	.54	25	20	4.9	26.2	.20
6224623	6254791	.05	5.32	.2	1	.5	690	761	1.3	6	1.45	.05	130	64	12	15	190	110	1.2	8	2.5	2.1	310	3.2	2.35	10.0	1.56	63	32	10.3	15.4	.46
6224624	6254792	.05	.97	.2	1	.5	120	138	.2	12	.61	.10	25	20	3	4	30	29	.2	6	.8	.2	56	1.2	1.00	1.0	.22	10	9	1.8	29.7	.02
6224625	6254793	.05	1.77	.2	1	.5	200	208	.7	26	.51	.20	51	48	4	6	60	52	.2	17	2.6	1.1	121	1.5	1.47	2.0	.35	25	24	3.3	32.4	.17
6224626	6254794	.05	1.40	.2	3	.5	180	203	.7	25	.47	.20	50	51	5	4	35	37	.2	18	2.6	1.0	97	1.3	1.23	1.0	.31	22	22	2.6	31.4	.19
6224627	6254795	.05	1.00	.2	1	.5	130	135	.4	15	.52	.05	31	37	4	3	2	20	.2	14	2.0	.2	101	.3	.32	.5	.13	16	18	1.2	34.0	.06
6224628	6254796	.05	.76	.2	1	.5	64	67	.4	17	.42	.30	17	20	6	6	21	27	.2	17	1.0	.2	50	.7	.75	.5	.06	7	10	.9	64.0	.02
6224629	6254797	.05	.80	.2	1	.5	120	114	.5	21	.30	.10	18	20	2	3	15	18	.2	12	1.2	.2	44	.9	.91	.5	.09	10	10	1.0	37.6	.02
6224631	6254798	.05	2.41	.2	1	.5	250	263	1.0	19	.51	.20	61	63	8	8	73	66	.7	21	3.1	.8	194	4.3	4.34	3.0	.49	29	27	5.2	24.5	.23
6224632	6254799	.05	2.94	.2	1	.5	340	335	1.3	18	.65	.30	81	76	10	9	97	79	.8	23	3.8	1.5	241	5.8	5.39	3.0	.66	38	33	6.2	23.4	.28
6224633	6254800	.05	.50	.2	1	.5	76	87	.2	14	.34	.20	21	23	1	1	20	21	.2	33	1.0	.2	38	.5	.55	.5	.05	10	10	.4	65.8	.02
	6274801																															
6224635	6254802	.05	3.18	.2	1	.5	480	465	.9	10	1.12	.05	96	68	10	11	120	70	.7	19	2.9	.2	163	3.0	1.93	7.0	.87	44	33	5.2	17.7	.30
6224636	6254803	.05	1.19	.2	1	.5	180	198	.4	18	.44	.05	39	36	3	3	42	34	.2	25	1.6	.2	116	1.2	1.14	1.0	.20	17	17	1.7	34.4	.02
6224637	6254804	.05	1.58	.2	1	.5	270	251	.4	12	.52	.05	40	33	3	4	51	37	.2	12	1.3	.2	108	.9	.82	3.0	.37	16	16	2.9	23.9	.07
	6274805																															

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224639	6254806	.05	2.45	.2	1	.5	290	387	.5	13	.49	.05	33	30	2	4	24	32	.6	8	1.3	.9	55	.3	.35	4.0	.82	16	16	2.7	66.8	.14
6224641	6254807	.05	.81	.2	1	.5	130	131	.4	24	.30	.10	22	27	1	2	2	21	.2	31	1.5	.6	97	1.0	1.04	.5	.11	12	14	1.0	38.7	.10
6224642	6254808	.05	.90	.2	1	.5	380	384	.4	19	.23	.05	32	35	3	3	33	27	.2	13	2.0	.5	33	1.4	1.34	.5	.06	14	15	.8	53.1	.14
6224643	6254809	.05	4.63	.2	2	.5	710	688	1.5	6	1.22	.05	150	88	13	14	160	68	1.2	10	4.0	1.8	270	6.6	3.31	9.0	1.42	74	41	8.4	12.7	.54
6224644	6254810	.05	5.01	.2	1	.5	660	690	1.9	8	1.34	.05	150	108	15	15	160	80	1.3	11	4.9	2.0	309	5.4	2.75	9.0	1.42	71	48	8.9	11.9	.56
6224645	6254811	.05	5.73	.2	2	.5	860	910	1.7	5	1.56	.05	120	64	9	10	97	54	.6	5	3.2	1.6	233	3.8	2.10	10.0	1.95	58	31	5.6	3.4	.49
6224646	6254812	.05	2.48	.2	1	.5	260	256	1.0	20	.66	.20	100	94	6	7	65	57	.7	29	3.8	1.4	170	2.3	2.11	3.0	.45	41	40	3.9	30.2	.28
6224647	6254813	.05	1.48	.2	1	.5	240	286	.5	14	.36	.05	42	47	3	3	44	34	.2	22	2.0	.7	71	.8	.81	2.0	.27	21	21	2.4	33.8	.12
	6274814																															
6224649	6254815	.05	5.37	.2	1	.5	780	800	1.3	4	1.72	.05	100	79	9	10	88	55	.7	8	3.6	1.7	174	4.0	2.98	11.0	1.70	50	38	6.0	11.7	.48
6224651	6254816	.05	.55	.2	1	.5	160	184	.4	12	.19	.05	20	27	1	1	2	14	.2	15	1.4	.2	35	.2	.22	.5	.06	12	14	.7	33.0	.10
6224652	6254817	.05	3.69	.2	1	.5	620	582	1.0	7	1.06	.05	77	55	5	6	56	43	.8	11	2.2	.2	147	1.2	1.15	7.0	1.14	35	27	4.5	14.8	.26
6224653	6254818	.05	.30	.2	1	.5	77	91	.1	12	.26	.10	9	10	1	1	2	10	.2	6	.6	.2	56	.4	.37	.5	.03	5	6	.4	33.7	.02
6224654	6254819	.05	2.41	.2	1	.5	350	378	.7	12	.51	.05	46	44	1	4	32	30	.5	14	1.8	.2	45	.5	.46	4.0	.65	21	23	2.0	70.3	.16
6224655	6254820	.05	.63	.2	1	.5	240	297	.3	19	.37	.10	19	18	1	2	23	29	.2	14	.9	.2	30	.3	.32	.5	.10	8	9	.6	89.1	.10
6224656	6254821	.05	.63	.2	1	.5	110	131	.2	16	.30	.30	17	19	1	2	26	26	.2	7	1.0	.2	41	.5	.45	.5	.06	7	9	.8	67.4	.08
6224657	6254822	.05	5.54	.2	3	.5	800	834	1.6	7	1.68	.10	130	98	11	11	120	72	.9	29	4.1	2.0	280	4.2	2.64	10.0	1.80	58	45	6.4	8.8	.47
6224658	6254823	.05	3.01	.2	3	.5	460	484	.7	6	1.14	.10	57	51	4	6	58	44	.8	8	1.9	.2	172	1.0	.94	6.0	.89	27	25	3.7	19.6	.19
6224659	6254824	.05	1.55	.2	1	.5	160	200	.6	19	.55	.20	49	43	4	4	52	38	.2	30	1.9	.2	257	.8	.71	.5	.24	20	20	2.9	30.0	.02
6224661	6254825	.05	3.25	.2	1	.5	370	375	1.2	17	.90	.20	97	84	6	8	83	57	.6	26	3.7	1.1	214	2.0	1.79	4.0	.74	40	37	6.0	26.9	.22
6224662	6254826	.05	3.50	.2	1	.5	240	310	1.3	16	1.14	.30	130	134	11	14	72	74	.2	53	6.2	1.8	417	3.7	3.80	4.0	.55	56	58	5.1	42.5	.27
6224663	6254827	.05	2.19	.2	1	.5	210	217	.8	27	.64	.20	70	61	3	3	54	50	.2	45	2.9	1.8	153	.9	.83	1.0	.22	27	27	2.0	43.2	.16
6224664	6254828	.05	1.86	.2	1	.5	190	195	.7	21	.54	.10	49	50	1	3	45	42	.2	37	2.4	.2	150	.9	.70	1.0	.19	22	23	1.8	37.7	.02
6224665	6254829	.05	3.53	.2	1	.5	270	286	1.8	17	.68	.60	130	137	28	28	93	75	.5	68	6.4	1.4	262	8.0	7.94	3.0	.51	49	51	3.8	25.7	.33
6224666	6254830	.05	1.46	.2	1	.5	120	143	.5	10	.52	.20	45	46	3	4	36	32	.2	11	2.0	.2	104	1.2	1.14	.5	.23	20	21	2.0	25.2	.07
6224667	6254831	.05	1.61	.2	1	.5	200	239	.4	8	.50	.05	37	37	3	3	31	26	.5	8	1.4	.2	83	.6	.61	3.0	.41	16	18	2.2	23.0	.12
	6274832																															
6224669	6254833	.05	1.41	.2	1	.5	120	132	.5	17	.51	.20	52	53	4	4	28	28	.2	23	2.3	.7	80	.9	.87	.5	.12	23	23	1.2	39.5	.10
6224671	6254834	.05	3.49	.2	1	.5	350	382	1.1	13	.86	.20	90	80	11	11	76	62	.6	16	3.7	1.3	236	5.0	4.52	5.0	.75	39	34	5.6	28.7	.29
6224672	6254835	.05	1.52	.2	1	.5	110	144	.6	14	.57	.50	41	42	10	9	39	37	.2	17	2.1	.2	68	2.1	1.96	.5	.18	18	18	2.0	64.6	.20
6224673	6254836	.05	4.25	.2	4	.5	580	582	1.2	12	1.19	.05	99	86	12	11	77	59	1.0	16	3.4	1.3	251	3.1	2.46	8.0	1.24	47	40	8.9	19.2	.39
6224674	6254837	.05	5.30	.2	3	.5	720	775	1.5	6	1.67	.05	120	109	12	12	100	67	.9	9	4.3	1.4	244	3.8	2.50	11.0	1.67	58	51	7.9	10.0	.45
6224675	6254838	.05	3.64	.2	1	.5	460	474	1.1	14	1.06	.05	98	93	9	9	46	49	1.0	19	3.7	1.4	210	2.6	2.49	6.0	.97	42	41	6.6	24.9	.32
6224676	6254839	.05	1.87	.2	1	.5	160	159	.6	18	1.13	.20	60	59	3	4	44	42	.2	23	2.8	.9	246	1.0	.94	2.0	.27	26	27	2.8	36.7	.12
6224677	6254840	.05	3.04	.2	1	.5	410	394	.9	9	.91	.20	76	72	16	16	49	47	.6	22	2.9	1.4	187	3.3	2.85	4.0	.77	32	32	5.1	27.1	.22
6224678	6254841	.05	1.46	.2	1	.5	170	179	.5	16	.44	.20	48	52	4	4	29	41	.2	24	2.3	.7	75	1.0	1.00	1.0	.20	22	24	2.4	43.9	.10
6224679	6254842	.05	2.47	.2	1	.5	190	195	.9	31	.74	.40	82	76	5	5	54	49	.2	36	3.4	1.2	207	2.1	1.90	.5	.18	37	34	2.1	53.8	.22
6224681	6254843	.05	.93	.2	1	.5	67	91	.3	11	.26	.20	31	30	1	2	21	19	.2	20	1.4	.2	57	.4	.35	.5	.13	12	14	1.4	22.5	.02
6224682	6254844	.05	2.36	.2	1	.5	110	129	1.3	24	.68	.50	110	113	9	8	56	54	.2	110	4.8	1.8	284	2.4	2.35	.5	.10	51	50	1.6	35.2	.02
6224683	6254845	.05	1.58	.2	1	.5	110	129	.8	27	.52	.20	46	49	2	3	32	33	.2	70	3.2	.9	117	.7	.65	.5	.06	22	23	.9	51.0	.09
6224684	6254846	.05	1.39	.2	1	.5	99	94	.7	25	.57	.30	40	43	6	5	18	28	.2	40	2.5	.2	107	1.3	1.13	.5	.04	21	20	.7	44.4	.02
6224685	6254847	.05	1.04	.2	1	.5	160	170	.4	18	.33	.20	42	39	4	3	30	28	.2	24	2.0	.9	65	.9	.80	.5	.09	19	18	1.4	51.5	.07
6224686	6254848	.05	2.12	.2	1	.5	210	225	1.0	28	.46	.20	64	61	4	3	51	40	.2	93	2.9	1.4	101	1.3	1.17	1.0	.19	31	28	2.0	42.0	.20
6224687	6254849	.05	2.19	.2	3	.5	310	333	.9	24	.67	.05	68	60	4	4	56	47	1.2	32	2.5	1.0	144	1.1	.95	3.0	.46	29	28	4.0	35.3	.12
6224688	6254850	.05	1.03	.2	1	.5	52	84	.5	8	.14	.10	34	41	1	1	23	24	.2	30	2.1	.2	48	.8	.72	.5	.08	16	18	.8	19.2	.02
	6274851																															
6224691	6254852	.05	1.03	.2	1	.5	240	256	.4	20	.21	.05	32	32	1	2	26	20	.2	46	1.5	.6	43	.3	.30	.5	.11	12	14	1.3	46.9	.08
6224692	6254853	.05	1.38	.2	1	.5	280	270	.5	25	.20	.10	35	36	3	2	39	36	.2	20	2.1	.6	38	.9	.95	.5	.10	15	15	1.0	60.7	.14
6224693	6254854	.05	.72	.2	1	.5	120	116	.2	14	.21	.10	20	19	3	2	31	34	.2	16	.8	.2	38	.4	.48	.5	.12	8	9	1.5	25.3	.02
6224694	6254855	.05	.81	.2	1	.5	110	127	.3	13	.23	.10	23	23	1	2	35	40	.2	18	1.0	.2	42	.5	.60	.5	.14	11	11	1.7	26.3	.02
6224695	6254856	.05	1.13	.2	1	.5	150	149	.5	21	.13	.20	45	40	2	2	42	32	.2	27	2.2	.6	31	1.6	1.40	.5	.04	17	16	.6	68.6	.02
6224696	6254857	.05	1.05	.2	1	.5	140	156	.4	10	.34	.10	23	21	1	2	17	16	.2	16	.9	.2	68	.3	.28	1.0	.23	10	10	1.6	22.0	.02
6224697	6254858	.05	2.56	.2	1	.5	380	378	.7	12	.70	.05	54	42	5	5	38	30	1.1	18	1.7	.9	118	1.2	1.10	4.0	.71	22	20	5.2	26.8	.10
6224698	6254859	.05	1.69	.2	1	2.0	130	163	.7	23	.40	.30	65	65	2	3	39	38	.2	47	3.0	.2	61	.7	.73	.5	.15	27	29	1.8	45.9	.11
6224699	6254860	.05	5.24	.2	3	.5	650	642	1.8	13	1.49	.05	160	140	14	14	96	73	1.1	361	5.8	2.4	287	4.0	3.45	8.0	1.44	73	63	8.1	19.5	.42
6224701	6254861	.80	2.61	.2	3	2.0	280	336	1.0	27	1.60	.20	200	190	4	5	47	32	.2	1068	4.8	2.0	328	2.5	2.19	.5	.10	100	100	1.4	65.2	.15
6224702	6254862	.05	2.79	.2	2	.5	260	287	1.2	34	1.48	.20	100	118	4	5	53	51	.2	295	4.9	1.5	181	1.4	1.47	1.0	.21	48	55	2.6	61.7	.15
6224703	6254863	.05	1.16	.2	3	1.0	110	124	.6	20	.50	.20	33	45	4	3	15	20	.2	52	2.2	.2	131	.4	.45	.5	.07	20	23	1.1	42.5	.02
6224704	6254864	.05	4.34	.2	2	.5	570	598	1.3	15	1.16	.05	100	97	8	10	63	52	1.8	48	3.6	1.2	184	2.4	1.91	9.0	1.29	55	48	10.7	25.1	.34
6224705	6254865	.05	2.03	.2	1	.5	100	106	1.0	35	.74	.40	70	64	6	5	55	44	.2	45	3.0	1.0	112	2.1	1.99	.5	.08	32	30	1.4	53.3	.16
6224706	6254866	.05	1.77	.2	1	.5	140	172	.6	17	.57	.20	46	48	4	5	33	29	.2	24	2.1	1.2	109	.9	.93	2.0	.27	22	22	3.0	31.8	.08
6224707	6254867	.05	2.03	.2	2	.5	130	140	1.2	35	1.72	.50	88	88	7	7	40	38	.2	82	4.0	1.5	347	.9	.95	.5	.13	40	44	2.3	49.6	.31
6224708	6254868	.05	2.82	.2	1	.5	280	323	.8	14	.83	.10	87	80	8	8	59	50	.2	25	3.3	.8	156	2.1	2.01	5.0	.62	36	35	5.2	29.9	.21
6224709	6254869	.05	3.41	.2	1	.5	230	299	1.5	20	.79	.40	110	121	9	12	53	59	.6	72	4.6	1.1	246	2.9	3.22	2.0	.52	47	52	5.2	35.9	.16
6224711	6254870	.05	3.21	.2	2	.5	280	260	1.5	33	.75	.40	150	127	10	10	71	60	.8	82	5.1	2.5	198	2.9	2.50	2.0	.39	62	55	4.5	44.8	.21
6224712	6254871	.05	2.15	.2	1	.5	250	269	.7	15	.70	.20	79	63	5	6	38	31	.7	38	2.9	1.1	120	1.1	1.03	3.0	.42	29	29	3.9	33.7	.14
6224713	6254872	.05	2.72	.2	1	.5	130	136	1.0	51	.56	.60	65	78	6	5	45	40	.2	29	4.3	1.2	106	6.4	5.72	.5	.12	32	32	1.3	65.0	.11
6224714	6254873	.05	1.83	.2	1	.5	230	225	.7	16	.65	.20	97	86	5	6	36	31	.2	53	3.9	1.5	94	.7	.66	2.0	.23	40	38	2.7	53.6	.19

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224715	6254874	.05	1.64	.2	1	.5	210	207	.5	18	.59	.10	55	53	4	4	21	24	.6	30	2.4	.2	71	1.0	.98	2.0	.33	27	26	3.0	36.8	.14
6224716	6254875	.05	2.07	.2	1	.5	200	203	.8	16	.70	.30	110	98	7	7	56	46	.2	39	4.4	1.7	100	1.1	.98	1.0	.24	44	43	2.6	48.9	.23
6224717	6254876	.05	1.47	.2	1	.5	180	215	.5	14	.49	.10	39	39	5	3	35	31	.2	12	1.9	.2	60	.8	.73	2.0	.36	18	18	2.0	33.2	.09
6224718	6254877	.05	2.45	.2	3	.5	290	308	.7	15	.75	.20	80	74	6	7	50	42	.2	22	3.2	1.6	137	2.0	1.88	4.0	.55	35	32	3.6	33.1	.25
6224719	6254878	.05	2.83	.2	2	.5	460	476	.8	14	.77	.10	81	78	8	9	63	57	.8	27	3.7	1.2	128	2.5	2.28	3.0	.62	38	36	4.5	43.5	.31
6224721	6254879	.05	2.42	.2	1	.5	150	167	.9	21	.77	.30	110	106	10	8	64	52	.2	25	5.4	1.8	207	1.5	1.39	2.0	.21	48	46	2.6	49.5	.33
6224722	6254880	.05	2.24	.2	1	.5	130	163	.8	18	.73	.30	91	92	7	7	55	48	.2	39	4.6	1.0	154	1.2	1.24	1.0	.21	38	41	2.6	50.7	.24
6224723	6254881	.05	5.99	.2	1	.5	840	859	1.6	4	1.65	.05	94	72	13	13	86	68	2.4	16	3.3	1.7	345	3.3	2.49	9.0	2.01	46	36	15.2	9.4	.41
6224724	6254882	.05	3.33	.2	1	.5	400	436	1.1	13	.95	.20	96	75	15	15	57	43	.2	18	3.1	1.5	135	2.3	1.74	6.0	.81	39	35	4.6	28.0	.17
6224725	6254883	.05	3.52	.2	2	3.0	210	234	2.2	30	.75	.60	200	230	15	16	75	69	.6	92	9.9	2.3	148	4.6	4.76	2.0	.37	87	97	3.6	31.4	.51
6224726	6254884	.05	.91	.2	1	.5	70	79	.4	12	.32	.30	18	23	1	2	19	14	.2	14	.9	.2	72	.2	.17	.5	.15	11	12	1.3	23.6	.02
6224727	6254885	.05	.90	.2	1	.5	51	68	.5	18	.57	.30	31	37	1	2	18	18	.2	36	1.4	.7	130	.4	.33	.5	.07	17	19	.9	33.3	.02
6224728	6254886	.05	3.87	.2	1	.5	500	543	1.3	7	1.21	.05	93	70	7	9	55	44	1.6	64	4.2	1.6	223	1.9	1.51	6.0	1.10	54	47	12.2	23.8	.32
6224729	6254887	.05	2.38	.2	1	.5	270	322	.8	10	.88	.10	71	61	7	7	38	29	.9	25	2.7	1.3	140	1.0	.97	3.0	.56	33	34	6.7	28.1	.02
6224731	6254888	.05	5.95	.2	2	.5	750	804	1.8	7	1.65	.05	120	88	13	14	81	61	2.3	14	4.1	1.3	260	3.2	2.26	12.0	1.74	59	45	15.0	14.5	.55
6224732	6254889	.05	6.17	.2	1	.5	940	933	1.6	7	1.41	.05	93	54	9	9	68	43	2.0	19	2.4	1.8	212	2.8	1.73	8.0	2.13	43	28	12.0	12.0	.36
6224733	6254890	.05	2.64	.2	4	4.0	260	280	1.0	25	.74	.20	110	93	5	7	61	49	.9	68	3.8	1.6	161	1.5	1.31	3.0	.43	45	42	5.1	43.6	.28
6224734	6254891	.05	3.29	.7	2	.5	380	324	1.4	21	.78	.30	180	140	15	12	83	59	.8	68	5.9	3.5	281	8.2	5.85	5.0	.65	86	62	4.8	28.0	.68
6224735	6254892	.05	3.96	.2	2	.5	370	440	1.7	19	.88	.50	180	178	150	128	90	58	.6	124	9.7	1.8	228	14.4	13.01	4.0	.78	78	74	5.2	28.2	.72
6224736	6254893	.05	3.01	.2	2	.5	200	193	1.6	26	.50	.50	150	164	16	16	65	59	.2	66	5.7	1.7	37	3.9	3.83	1.0	.24	60	63	2.5	40.2	.38
6224737	6254894	.05	.73	.2	1	.5	120	129	.3	20	.22	.20	24	25	1	2	13	18	.2	32	1.5	.2	41	.7	.68	.5	.04	11	12	.4	80.7	.02
6224738	6254895	.05	3.19	.2	1	.5	220	273	1.6	21	.48	.80	140	147	61	58	71	65	.6	113	6.4	1.6	130	10.2	10.67	2.0	.35	52	52	3.7	36.2	.43
6224739	6254896	.05	3.47	.2	2	.5	190	278	1.7	22	1.01	.50	150	163	14	16	69	72	.2	107	6.3	1.8	246	3.6	4.01	2.0	.42	60	68	5.4	44.0	.48
6224741	6254897	.05	3.30	.2	1	.5	190	255	1.5	19	.71	.50	110	138	15	17	70	67	.6	85	5.3	1.1	164	3.9	4.63	2.0	.43	47	55	4.5	39.0	.40
6224742	6254898	.05	.64	.2	1	.5	87	119	.4	21	.47	.20	32	34	1	2	2	16	.2	48	1.4	.2	64	.7	.69	.5	.09	15	17	1.0	42.7	.02
	6274899																															
	6274900																															
6224745	6254901	.05	1.04	.2	1	.5	120	138	.4	6	.32	.20	36	34	1	3	26	18	.7	29	1.8	.2	57	.3	.34	1.0	.22	17	18	3.4	22.8	.02
6224746	6254902	.05	.45	.2	1	.5	110	97	.2	30	.31	.20	2	7	1	2	2	11	.2	23	1.0	.7	32	.2	.19	.5	.05	10	11	.7	37.9	.02
6224747	6254903	.05	4.60	.2	3	.5	520	540	2.2	22	1.07	.10	130	118	10	11	84	67	2.3	73	5.1	2.3	251	2.1	2.00	5.0	1.03	61	53	11.8	33.3	.35
6224748	6254904	.05	3.75	.2	1	.5	320	354	1.8	13	.78	.05	88	64	8	9	80	59	2.2	47	3.4	1.4	243	2.9	1.99	5.0	.72	44	32	11.6	25.8	.14
6224749	6254905	.05	4.07	.2	1	.5	520	548	1.1	13	1.39	.05	82	63	15	15	72	54	1.3	29	2.7	.2	196	3.3	2.72	6.0	.95	39	32	6.7	36.7	.25
6224751	6254906	.05	2.50	.2	1	.5	360	437	.9	39	1.11	.10	75	72	3	4	40	47	.2	43	3.1	1.4	88	2.1	2.00	1.0	.13	31	33	1.7	63.8	.20
6224752	6254907	.05	1.52	.2	1	.5	160	192	.5	14	.52	.10	36	33	4	4	32	21	.5	35	1.4	.7	65	.7	.57	1.0	.26	17	16	2.4	33.7	.11
6224753	6254908	.05	3.15	.2	1	.5	160	190	1.6	22	2.53	.50	110	105	28	24	43	44	.2	41	4.3	1.5	300	3.3	3.05	.5	.16	49	46	2.8	51.9	.26
6224754	6254909	.05	1.96	.2	1	.5	200	231	.7	12	.65	.10	60	52	5	5	30	27	.2	20	2.1	1.3	94	1.1	.93	2.0	.37	28	26	3.1	28.4	.09
6224755	6254910	.05	2.45	.2	1	.5	220	249	1.0	29	1.04	.30	110	96	4	5	59	51	.2	44	3.6	1.5	192	2.0	1.84	1.0	.20	47	44	2.4	54.3	.10
6224756	6254911	.05	.76	.2	1	.5	98	99	.3	19	.20	.20	27	21	1	1	25	17	.2	25	1.2	.2	36	.4	.35	.5	.04	10	10	.4	72.3	.02
6224757	6254912	.05	1.82	.2	1	.5	84	75	.9	22	.58	.30	67	72	4	4	33	32	.2	27	3.0	1.3	112	.8	.83	.5	.09	36	34	1.9	34.6	.02
6224758	6254913	.05	1.33	.2	1	.5	78	115	.6	20	.45	.20	46	46	3	3	22	24	.2	24	1.8	.9	51	.5	.49	.5	.10	22	23	1.3	35.1	.02
6224759	6254914	.05	1.58	.2	1	.5	200	258	.6	11	.74	.20	43	40	10	9	19	20	.2	23	1.7	.2	118	3.3	3.31	2.0	.32	20	19	3.6	30.3	.02
6224761	6254915	.05	1.18	.2	1	.5	74	117	.5	18	.51	.40	34	44	2	2	29	27	.2	28	1.7	.2	51	.9	1.01	.5	.06	16	21	.9	49.2	.08
6224762	6254916	.05	2.13	.2	1	.5	90	109	1.1	22	1.29	.50	63	82	31	30	48	41	.2	31	3.2	1.4	419	5.1	5.52	.5	.12	37	40	1.9	48.3	.45
6224763	6254917	.05	.65	.2	1	.5	25	60	.5	18	.26	.20	41	28	3	2	2	13	.2	12	2.0	.2	38	.2	.24	.5	.05	16	17	.7	32.6	.02
6224764	6254918	.05	.57	.2	3	.5	25	60	.4	14	.21	.20	22	20	2	1	2	10	.2	9	1.7	1.0	24	.2	.13	.5	.05	13	13	.6	28.1	.02
6224765	6254919	.05	2.15	.2	1	.5	220	226	.7	18	.62	.40	73	72	9	8	60	53	.2	29	2.9	.2	160	2.7	2.66	1.0	.29	34	34	3.2	34.3	.17
6224766	6254920	.05	2.44	.2	1	.5	220	213	.9	21	.64	.30	64	62	9	8	51	53	.2	23	2.7	1.1	131	2.5	2.44	2.0	.31	29	28	3.2	31.8	.15
6224767	6254921	.05	4.55	.2	1	.5	680	685	1.3	9	1.32	.05	87	79	12	12	92	73	.9	11	3.6	1.1	211	3.5	3.18	8.0	1.40	42	38	6.2	12.7	.34
6224768	6254922	.05	1.96	.2	1	.5	550	288	.5	9	.59	.05	72	35	8	5	82	29	.6	4	1.5	.9	180	2.8	1.24	8.0	.52	35	17	2.3	15.9	.28
6224769	6254923	.05	5.08	.7	1	.5	710	736	1.4	6	1.60	.05	110	58	23	22	190	99	.7	10	3.1	1.3	253	6.5	4.42	9.0	1.56	54	27	9.5	12.2	.44
6224771	6254924	.05	5.00	.2	1	.5	710	747	1.3	4	1.64	.05	130	64	17	16	150	72	.7	5	3.5	1.6	205	7.3	4.12	11.0	1.57	60	30	7.6	5.3	.44
6224772	6254925	.05	2.80	.2	1	.5	300	319	1.0	18	.87	.20	65	68	12	12	57	46	.6	15	2.7	1.1	122	2.3	2.11	4.0	.53	30	31	4.1	33.0	.23
6224773	6254926	.05	1.29	.2	1	.5	65	74	.6	16	1.02	.30	41	51	8	9	29	26	.2	18	2.4	.9	123	1.3	1.37	.5	.06	20	23	1.3	39.3	.11
6224774	6254927	.05	2.18	.2	1	.5	210	233	.8	21	.66	.40	69	71	18	17	66	54	.2	25	2.8	.2	139	3.7	3.78	2.0	.30	29	30	3.0	28.6	.18
6224775	6254928	.05	1.27	.2	1	1.0	92	110	.5	19	.51	.20	40	36	5	5	31	26	.2	14	1.7	.2	93	.6	.64	.5	.12	17	18	1.3	34.1	.11
6224776	6254929	.05	5.74	.8	3	.5	790	835	1.6	7	1.94	.05	120	126	12	14	97	67	1.1	77	6.0	1.8	355	3.2	2.79	12.0	1.89	64	62	9.0	9.3	.54
6224777	6254930	.05	1.52	.2	1	.5	120	138	.6	24	.46	.20	43	40	5	5	36	35	.2	21	2.0	.9	84	1.3	1.28	.5	.12	21	20	1.3	38.5	.10
6224778	6254931	.05	2.30	.2	1	.5	300	349	.7	16	.81	.05	57	44	5	6	44	34	.2	22	1.9	.2	111	1.0	.83	4.0	.53	26	22	3.5	29.6	.20
6224779	6254932	.05	3.57	.2	4	.5	260	311	1.3	30	1.40	.40	96	88	18	17	74	61	.2	42	3.9	1.5	114	3.9	3.76	2.0	.27	46	42	3.0	62.9	.30
6224781	6254933	.05	2.18	.2	1	.5	110	128	.9	26	.66	.60	56	71	66	57	35	42	.2	32	3.6	1.2	54	13.5	12.98	.5	.08	29	28	1.2	64.3	.15
6224782	6254934	.05	1.71	.2	1	.5	130	160	.9	25	.32	.20	45	42	4	3	33	30	.2	16	2.5	1.0	69	.7	.68	.5	.03	21	20	.6	55.2	.13
6224783	6254935	.05	2.63	.2	1	.5	270	285	.8	27	1.62	.30	73	64	5	5	87	66	.2	37	2.9	1.2	207	1.1	.97	2.0	.26	31	30	3.1	53.2	.13
6224784	6254936	.05	1.45	.2	1	.5	140	161	.5	18	.57	.20	31	36	2	3	22	28	.2	24	1.6	.2	81	.4	.40	.5	.13	15	17	1.8	37.5	.06
6224785	6254937	.05	3.49	.2	1	.5	370	392	1.3	34	1.04	.20	120	111	10	10	81	66	.2	42	4.5	1.6	106	2.4	2.33	1.0	.19	52	50	2.6	59.3	.23
6224786	6254938	.05	5.11	.2	2	.5	760	782	1.4	6	1.24	.05	160	87	11	12	120	67	1.7	8	3.1	1.7	196	5.6	2.72	11.0	1.68	76	42	9.1	10.0	.52
6224787	6254939	.05	2.06	.2	1	.5	260	279	.6	16	.49	.05	42	45	6	6	47	47	.7	21	1.7	.8	144	.9	.99	3.0	.50	22	21	4.7	26.6	.10
6224788	6254940	.05	2.68	.2	1	.5	280	293	1.2	28	.58	.30	97	92	14	13	79	73	.5	28	4.7	1.0	132	3.8	3.48	2.0	.36	42	39	3.3	34.8	.28
6224789	6254941	.05	1.27	.2	1	.5	190	175	1.0	18	.39	.20	62	60	4	3	44	41	.5	28	3.7	1.2	91	1.3	1.24	1.0	.21	27	28	2.2	34.5	.23

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224791	6254942	.05	2.99	.2	1	2.0	420	416	1.0	23	.76	.10	79	69	8	9	73	62	1.0	22	2.8	1.1	103	2.0	1.79	4.0	.71	34	31	5.5	31.8	.20
6224792	6254943	.05	3.26	.2	1	.5	470	522	.9	9	.87	.05	75	63	5	6	63	42	.8	10	2.7	.9	112	1.5	1.22	6.0	.97	33	31	4.8	19.5	.25
6224793	6254944	.05	5.33	.2	1	.5	830	860	1.3	4	1.35	.05	110	73	11	11	100	61	1.1	5	2.9	1.1		3.9	2.33	8.0	1.85	51	35	6.9	4.8	.40
6224794	6254945	.05	2.91	.2	1	.5	170	188	.8	26	1.38	.50	60	63	15	15	45	43	.2	36	2.6	.2	131	7.2	6.79	.5	.19	27	27	2.5	59.9	.17
6224795	6254946	.05	3.25	.2	2	.5	200	239	1.1	33	1.11	.30	72	71	8	8	86	75	.2	45	3.3	1.4	181	1.9	1.76	.5	.18	30	32	2.3	61.7	.19
6224796	6254947	.05	3.55	.2	1	.5	310	362	1.1	31	1.76	.30	81	87	42	40	83	83	.2	58	3.2	1.1	258	4.6	4.51	2.0	.34	35	37	4.3	52.4	.16
6224797	6254948	.05	2.07	.2	1	.5	210	231	.6	33	1.66	.30	42	44	5	5	46	43	.2	26	2.0	.7	111	5.6	5.21	1.0	.24	19	19	3.1	51.3	.17
6224798	6254949	.05	2.99	.2	1	.5	310	331	.9	25	1.24	.20	63	59	6	7	77	78	.6	30	2.5	1.0	179	1.0	.91	2.0	.41	30	28	8.2	48.0	.17
6224799	6254950	.05	2.71	.2	1	.5	300	315	.9	29	.77	.20	92	83	4	5	69	61	.6	41	2.9	.7	131	1.3	1.19	3.0	.32	41	38	3.4	51.0	.21
6224801	6254951	.05	4.92	.2	2	9.0	650	652	1.4	6	1.52	.05	150	124	12	15	110	84	1.2	32	4.5	1.8	292	3.0	2.23	10.0	1.38	69	60	8.8	18.8	.48
6224802	6254952	.05	3.71	.2	1	.5	120	317	1.3	25	2.37	.60	59	93	7	10	34	77	.2	47	3.7	.9	237	1.3	1.89	.5	.20	25	41	3.1	64.3	.13
6224803	6254953	.05	1.95	.2	1	.5	260	129	.7	35	.80	.30	100	53	11	7	97	37	.2	22	2.1	1.9	145	2.1	1.27	1.0	.09	45	25	1.2	41.2	.32
6224804	6254954	.05	3.10	.2	1	.5	380	406	1.0	37	.93	.40	110	94	14	16	87	77	.2	47	3.4	1.7	129	4.5	4.16	3.0	.42	46	42	3.7	52.1	.28
6224805	6254955	.05	3.18	.2	1	.5	220	259	1.0	25	.93	.30	77	77	15	15	52	53	.2	26	3.1	1.0	175	2.4	2.45	2.0	.37	36	35	3.2	40.6	.21
6224806	6254956	.05	4.35	.2	1	.5	340	393	1.6	20	.98	.30	90	92	22	23	80	68	.6	42	4.2	1.7	206	5.9	5.90	3.0	.69	41	43	4.9	35.9	.25
6224807	6254957	.05	3.47	.2	4	.5	220	247	1.4	41	.75	.40	86	86	12	12	68	70	.2	48	3.8	1.4	141	5.9	5.38	2.0	.30	38	38	2.6	50.6	.24
6224808	6254958	.05	2.96	.2	1	.5	350	365	.9	15	.86	.10	70	65	9	10	80	60	.2	15	2.6	1.5	135	3.2	2.77	5.0	.69	33	31	3.9	28.1	.24
6224809	6254959	.05	1.12	.2	1	.5	120	157	.3	15	.46	.05	26	29	3	3	30	32	.2	12	1.0	.2	69	.8	.77	.5	.20	14	15	1.6	30.8	.08
6224811	6254960	.05	.75	.2	1	.5	25	53	.3	20	.33	.30	20	24	8	6	2	17	.2	13	1.0	.2	55	3.1	3.12	.5	.07	11	11	.9	31.9	.07
6224812	6254961	.05	1.16	.2	1	.5	170	123	.5	25	.41	.20	72	46	6	4	48	35	.2	23	1.9	1.4	76	.7	.38	1.0	.11	36	23	1.5	47.2	.14
6224813	6254962	.05	2.94	.2	1	3.0	150	164	1.4	20	.47	.50	120	121	26	23	70	52	.2	44	3.7	1.2	108	5.4	5.23	1.0	.21	46	46	1.8	27.6	.25
6224814	6254963	.05	2.79	.2	1	.5	170	166	1.3	26	.36	.70	130	123	74	61	72	58	.2	50	3.8	1.7	73	10.6	9.71	.5	.11	49	45	1.4	31.3	.25
6224815	6254964	.05	3.23	.2	1	.5	300	276	1.1	23	1.00	.10	96	82	10	9	83	63	.2	30	3.3	1.4	180	2.7	2.36	4.0	.45	42	38	3.2	34.9	.27
6224816	6254965	.05	3.28	.2	1	.5	380	350	1.3	15	.98	.20	76	77	11	11	72	51	.2	18	3.1	1.3	162	2.5	2.24	4.0	.65	36	36	3.7	22.9	.20
6224817	6254966	.05	3.32	.2	1	.5	380	394	1.4	17	.63	.30	94	87	73	63	87	56	.6	24	3.3	1.5	119	7.5	7.13	4.0	.59	40	37	4.0	24.6	.33
6224818	6254967	.05	2.26	.2	1	.5	260	278	.7	19	.70	.05	53	59	5	5	37	42	.2	19	2.5	.2	99	1.2	1.07	3.0	.43	26	30	2.5	27.5	.15
6224819	6254968	.05	1.86	.2	1	.5	240	256	.5	22	.67	.05	54	51	3	5	54	44	.6	21	1.8	.2	101	1.3	1.10	2.0	.32	24	25	2.7	40.7	.13
6224821	6254969	.05	1.85	.2	1	.5	170	185	.6	20	.54	.10	60	56	5	5	32	37	.2	20	2.4	.2	81	1.1	1.05	2.0	.23	27	27	1.9	33.1	.19
6224822	6254970	.05	2.80	.2	4	.5	330	341	.7	11	.73	.05	77	67	10	9	71	47	.2	13	2.6	.2	161	2.5	2.15	6.0	.63	35	31	4.0	26.0	.24
6224823	6254971	.05	.78	.2	1	.5	170	194	.3	17	.49	.05	26	23	3	3	12	18	.2	14	1.2	.2	101	.6	.47	.5	.04	11	12	.6	45.6	.12
6224824	6254972	.05	3.71	.2	1	.5	470	470	1.0	14	1.04	.05	88	61	10	9	80	50	.6	18	2.8	1.2	251	3.0	2.60	6.0	.94	39	28	4.9	21.9	.30
6224825	6254973	.05	3.25	.2	1	.5	270	291	1.0	25	.70	.10	85	69	9	9	66	49	.2	24	2.8	1.0	244	2.8	2.59	3.0	.49	36	31	3.3	34.2	.23
6224826	6254974	.05	3.40	.2	1	.5	440	460	.9	13	1.03	.05	83	69	6	7	57	48	.6	13	2.8	1.3	165	2.1	1.84	7.0	.90	38	32	4.1	25.2	.29
6224827	6254975	.05	2.72	.2	1	.5	300	339	.7	15	.90	.05	63	55	8	7	44	42	.2	42	2.1	.2	191	1.6	1.41	4.0	.60	28	26	4.4	29.4	.19
6224828	6254976	.05	2.99	.2	2	.5	310	297	1.1	32	.77	.30	110	94	9	8	84	68	.2	52	3.2	1.3	284	2.4	2.02	2.0	.32	51	43	3.3	45.3	.21
6224829	6254977	.10	1.46	.2	1	.5	170	166	.6	28	.40	.20	53	45	2	2	31	32	.2	87	2.0	.2	89	.2	.16	.5	.09	25	25	1.4	55.3	.09
6224831	6254978	.05	2.28	.2	1	.5	200	186	.9	33	.52	.30	96	87	4	4	55	56	.2	56	3.1	.9	119	.7	.66	.5	.20	41	38	2.4	54.4	.11
6224832	6254979	.05	1.44	.2	1	2.0	240	246	.5	13	.42	.05	33	33	4	4	38	32	.9	17	1.2	.2	149	.7	.71	2.0	.32	16	16	3.7	32.2	.08
6224833	6254980	.05	.77	.2	1	.5	140	145	.5	13	.30	.05	40	37	1	2	19	19	.2	21	1.5	.2	125	.3	.26	.5	.05	16	16	.7	28.6	.08
6224834	6254981	.05	3.12	.2	1	.5	300	288	1.5	29	.61	.20	130	102	7	7	94	64	1.0	94	3.5	2.0	178	1.5	1.29	3.0	.49	51	44	5.1	45.7	.59
6224835	6254982	.05	3.77	.2	4	.5	250	252	1.8	40	.71	.40	210	182	12	11	110	85	1.0	129	6.2	2.7	206	2.4	2.03	2.0	.36	91	78	4.6	54.2	.59
6224836	6254983	.05	4.37	.5	5	.5	460	477	2.0	25	1.02	.40	210	185	24	22	120	97	.9	95	6.2	2.4	300	8.6	7.56	6.0	.94	80	67	7.0	26.7	1.00
6224837	6254984	.05	5.19	.2	1	.5	710	691	1.7	12	2.06	.05	130	100	29	26	86	59	.9	22	4.3	2.2	329	6.2	4.77	8.0	1.55	64	44	7.9	14.5	.52
6224838	6254985	.05	2.83	.2	2	.5	360	348	.9	29	.72	.10	90	73	5	5	56	44	.9	34	2.8	1.2	205	1.8	1.52	3.0	.40	41	33	4.1	51.2	.21
6224841	6254987	.05	5.03	.2	1	.5	730	752	1.1	4	1.69	.05	160	62	14	16	100	48	.9	1	4.1	1.7	216	7.5	2.82	19.0	1.63	72	31	8.7	7.2	.86
6224842	6254988	.05	4.20	.2	1	.5	560	552	1.2	18	1.03	.05	100	95	12	14	59	58	1.7	29	3.1	1.1	280	2.4	2.19	5.0	.99	44	44	11.4	33.3	.23
6224843	6254989	.05	2.38	.2	1	.5	330	350	.6	10	.73	.05	44	38	4	4	38	29	.2	8	1.4	.8	106	.9	.81	5.0	.66	22	19	2.8	22.1	.16
6224844	6254990	.05	3.91	.2	1	.5	580	589	1.0	12	1.15	.05	91	67	8	8	69	44	.6	10	2.8	1.4	178	1.8	1.60	9.0	1.18	42	33	4.9	20.8	.31
6224845	6254991	.05	3.49	.2	1	2.0	380	404	1.1	17	.84	.05	90	79	7	8	70	54	.2	29	3.2	1.2	192	1.9	1.64	5.0	.78	41	36	4.0	28.4	.28
6224846	6254992	.05	3.60	.2	1	.5	520	521	.9	12	1.14	.05	88	55	7	8	83	50	.2	14	2.5	1.1	138	2.6	1.70	9.0	1.04	41	27	4.7	23.6	.32
6224847	6254993	.05	3.36	.2	1	.5	290	286	1.2	27	.70	.20	100	92	10	9	94	76	.2	39	3.8	1.5	166	3.5	3.25	3.0	.43	48	41	3.4	38.9	.32
6224848	6254994	.05	3.23	.2	1	.5	290	310	1.4	21	.83	.20	120	101	8	8	63	53	.2	49	4.2	1.7	153	2.3	1.94	3.0	.46	53	46	2.9	38.6	.26
6224849	6254995	.05	2.80	.2	1	.5	330	338	1.0	35	.90	.20	110	102	4	4	45	44	.2	48	3.6	1.9	121	1.8	1.68	.5	.12	55	50	1.5	54.6	.21
6224851	6254996	.05	5.00	.2	5	.5	530	544	1.8	13	1.16	.20	210	181	34	30	100	69	.7	57	6.9	2.3	234	7.1	6.21	7.0	1.13	91	77	6.1	22.5	.54
6224852	6254997	.05	3.32	.2	1	.5	300	302	1.2	15	.69	.20	120	106	17	17	66	55	.2	28	3.8	2.3	155	3.0	2.33	4.0	.52	50	46	3.5	30.8	.24
6224853	6254998	.05	3.68	.2	1	.5	560	589	1.2	20	1.22	.05	96	83	10	11	88	68	.6	30	3.6	1.2	201	3.4	2.81	6.0	.74	43	39	4.6	27.9	.30
6224854	6254999	.05	5.32	.2	1	.5	790	813	1.3	3	1.70	.05	97	46	18	18	150	77	.8	3	2.8	1.5	287	5.8	2.87	12.0	1.73	50	24	7.8	4.4	.45
6224855	6255000	.05	2.83	.2	1	.5	410	402	.7	12	.80	.05	61	45	4	6	44	35	.7	10	1.9	.9	153	1.0	1.01	7.0	.76	29	23	3.8	26.4	.26
6224856	6255001	.05	4.99	.2	1	.5	650	654	1.4	9	1.55	.05	140	101	25	23	130	75	.6	34	4.3	1.7	251	6.0	3.88	9.0	1.37	61	44	6.3	14.8	.43
6224857	6255002	.05	3.72	.2	1	.5	520	517	1.0	8	1.10	.05	80	46	11	10	140	66	.2	9	2.6	1.0	157	3.0	2.05	8.0	1.00	36	22	4.2	19.0	.31
6224858	6255003	.05	5.48	.2	2	.5	700	719	1.4	10	1.92	.05	130	115	11	12	77	66	1.1	72	5.0	2.1	392	2.8	2.40	10.0	1.64	67	56	9.1	12.0	.45
6224859	6255004	.05	5.97	.2	2	.5	880	929	1.5	3	2.01	.05	120	86	13	13	160	87	.7	17	3.9	1.9	260	3.2	2.06	13.0	2.06	57	40	6.9	2.6	.52
6224861	6255005	.05	2.95	.2	1	.5	260	285	.9	31	.72	.10	87	76	7	7	100	73	.2	34	3.1	1.2	125	1.6	1.33	3.0	.43	40	36	2.9	43.1	.27
6224862	6255006	.05	2.66	.2	1	.5	230	272	.8	20	.86	.20	65	57	8	8	54	44	.2	20	2.6	1.2	174	1.6	1.47	3.0	.45	32	28	2.8	33.4	.21
6224863	6255007	.05	3.53	.2	1	.5	530	539	.9	7	1.09	.05	65	38	8	9	85	45	.6	8	1.7	.2	185	2.5	1.81	7.0	1.06	31	20	4.9	17.4	.26
6224864	6255008	.05	2.96	.2	1	.5	240	276	.9	24	.78	.20	78	70	12	12	50	56	.2	22	2.9	1.6	159	2.4	2.12	3.0	.47	34	32	3.5	34.8	.20
6224865	6255009	.05	3.17	.2	1	.5	310	315	.9	23	.82	.20	73	74	13	12	65	59	.2	22	2.8	1.3	164	2.2	1.99	3.0	.55	34	33	3.7	33.0	.21
6224866	6255010	.20	3.38	.2	4	.5	310	360	1.4	35	.66	.30	86	50	92	87	80	66	.2	19	6.4	.2	183	7.1	7.47	4.0	.67	33	28	4.0	17.3	.24

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224867	6255011	.05	1.19	.2	1	.5	140	151	.3	13	.47	.05	25	28	2	3	22	23	.2	11	.9	.2	117	.4	.38	1.0	.23	15	15	1.7	25.7	.06
6224868	6255012	.05	2.96	.2	1	.5	190	201	.9	31	1.02	.40	87	79	12	12	52	59	.2	32	3.5	1.4	149	3.6	3.48	1.0	.22	39	36	2.4	48.3	.24
6224869	6255013	.05	2.00	.2	1	.5	280	277	.5	11	.75	.05	54	40	9	8	34	22	.2	15	1.9	.9	98	2.7	2.45	3.0	.44	25	19	2.4	25.7	.16
6224871	6255014	.05	2.36	.2	1	.5	210	226	.9	17	.66	.30	76	71	9	10	56	48	.2	21	1.9	.9	100	.9	.89	2.0	.33	29	27	2.3	28.9	.12
6224872	6255015	.05	2.43	.2	1	.5	140	147	1.1	23	.44	.30	100	104	10	12	48	51	.2	57	3.3	1.4	81	1.5	1.58	.5	.12	40	40	1.3	33.1	.15
6224873	6255016	.05	1.90	.2	1	.5	160	172	.8	29	.47	.20	75	73	5	4	33	32	.2	26	2.6	.7	82	.9	.84	.5	.13	32	33	1.4	43.5	.17
6224874	6255017	.05	1.60	.2	1	.5	130	156	.8	27	.68	.20	65	62	4	3	62	64	.5	60	2.3	.9	225	.8	.82	.5	.10	28	29	2.0	49.5	.07
6224875	6255018	.05	1.33	.2	1	.5	120	140	.5	24	.34	.20	36	33	3	3	32	43	.6	38	1.5	.2	82	.8	.72	.5	.15	15	15	2.2	42.5	.02
6224876	6255019	.05	1.54	.2	1	.5	170	181	.6	17	.41	.10	53	49	4	4	49	50	.2	24	2.4	.2	92	1.4	1.16	1.0	.27	25	22	2.7	28.7	.17
6224877	6255020	.05	1.58	.2	1	.5	220	233	.5	18	.46	.05	37	28	2	4	12	21	.2	15	1.2	.2	94	.7	.60	2.0	.30	18	14	3.1	33.2	.11
6224878	6255021	.05	.73	.2	1	1.0	260	278	.3	22	.27	1.50	30	29	1	2	14	15	.2	20	1.2	.2	41	1.1	1.08	.5	.06	14	14	.6	80.7	.06
6224879	6255022	.05	1.96	.2	1	.5	240	256	.7	33	.77	.30	85	79	9	8	110	73	.2	48	2.9	.7	109	1.5	1.26	.5	.18	41	38	2.5	46.6	.21
6224881	6255023	.05	2.00	.2	4	.5	210	235	.6	19	.58	.20	61	56	4	5	29	28	.6	19	2.0	.2	138	1.0	1.01	1.0	.35	27	26	4.0	33.1	.19
6224882	6255024	.05	1.08	.2	1	.5	160	166	.3	15	.31	.05	31	34	3	3	20	15	.2	17	1.3	.2	67	.8	.65	.5	.17	17	16	2.1	28.0	.09
6224883	6255025	.05	1.36	.2	1	.5	140	153	.5	21	.36	.20	52	45	1	2	25	27	.2	26	1.8	1.1	70	.7	.67	1.0	.14	21	21	1.5	45.4	.07
6224884	6255026	.05	4.98	.2	2	.5	670	709	1.5	13	1.40	.05	120	83	16	16	81	61	.9	26	3.9	1.8	250	4.4	3.59	9.0	1.51	56	39	6.8	15.8	.45
6224885	6255027	.05	1.55	.2	1	.5	170	195	.4	18	.45	.10	47	38	5	4	60	42	.2	29	1.4	.2	58	1.1	.99	2.0	.23	19	18	1.7	32.3	.08
6224886	6255028	.05	4.32	.2	1	.5	670	682	1.0	7	1.25	.05	78	42	6	7	59	39	.6	12	2.2	1.0	157	1.7	1.38	10.0	1.37	36	22	5.1	16.9	.33
6224887	6255029	.05	3.58	.2	1	.5	380	444	1.0	18	1.01	.05	110	85	5	8	77	51	.5	29	3.6	1.3	170	2.0	1.62	7.0	.85	48	40	4.9	37.4	.29
6224888	6255030	.05	3.81	.2	1	.5	510	547	1.0	12	1.14	.05	83	57	9	8	42	36	.5	9	2.7	1.1	179	3.1	2.68	8.0	1.08	36	27	4.7	20.4	.28
6224889	6255031	.05	3.94	.2	1	.5	500	532	1.1	12	1.11	.05	100	74	14	14	54	46	.7	13	3.1	1.6	159	2.9	2.22	7.0	1.06	45	35	5.4	19.6	.30
6224891	6255032	.05	4.84	.2	1	.5	740	748	1.2	5	1.45	.05	92	57	9	10	62	45	.8	8	2.8	1.2	185	2.7	1.74	12.0	1.53	46	28	6.4	12.2	.45
6224892	6255033	.05	2.29	.2	1	.5	190	220	.8	25	.49	.10	78	65	4	5	42	43	.2	24	2.7	1.3	124	2.0	1.78	2.0	.33	34	31	2.5	35.3	.24
6224893	6255034	.05	3.01	.2	1	.5	300	324	1.1	26	.79	.30	100	100	12	11	48	50	.7	26	4.2	1.3	160	4.9	4.54	4.0	.59	49	45	4.5	33.8	.35
6224894	6255035	.05	3.08	.2	1	.5	300	328	1.1	25	1.14	.30	110	100	11	11	54	50	.6	27	4.1	1.5	153	6.7	6.16	4.0	.62	51	45	4.6	32.0	.28
6224895	6255036	.05	2.42	.2	3	.5	290	298	.7	11	.57	.10	77	70	6	7	49	40	.7	12	2.7	.9	164	2.9	2.68	3.0	.55	35	33	5.5	25.2	.16
6224896	6255037	.05	3.46	.2	2	.5	500	485	.9	11	.90	.20	88	84	13	13	52	54	.9	12	3.5	.2	259	8.3	7.39	7.0	.98	42	36	8.6	25.7	.31
6224897	6255038	.05	4.20	.2	2	.5	650	644	1.0	7	1.32	.05	110	95	9	11	68	51	1.0	11	4.0	1.2	277	3.7	3.32	11.0	1.32	49	45	7.6	28.8	.43
6224898	6255039	.05	.76	.2	1	.5	210	267	.3	21	.19	.05	25	25	1	1	16	19	.2	15	1.1	.2	41	.3	.33	.5	.09	11	12	.9	54.7	.02
6224899	6255040	.05	2.78	.2	1	.5	360	339	1.1	21	.72	.30	100	111	12	12	61	58	.8	31	4.4	1.7	157	6.0	5.60	4.0	.62	48	49	5.0	26.2	.30
6224901	6255041	.05	3.14	.2	1	.5	420	433	.9	13	.86	.20	81	76	11	11	55	48	.8	12	3.0	.2	196	5.8	5.52	6.0	.85	37	34	6.3	24.1	.26
6224902	6255042	.05	1.30	.2	1	.5	150	183	.4	14	.40	.10	40	46	3	3	25	20	.2	16	1.8	.2	100	.6	.54	2.0	.27	23	23	2.0	29.2	.11
6224903	6255043	.05	3.38	.2	1	.5	330	342	1.2	29	.89	.30	130	115	10	10	75	60	.2	43	4.5	1.8	168	4.2	3.65	4.0	.58	62	54	4.5	40.9	.34
6224904	6255044	.05	3.47	.2	1	.5	350	366	1.3	30	.87	.20	120	108	9	10	76	59	.7	40	4.3	1.4	206	4.6	4.05	5.0	.65	57	50	4.6	37.7	.38
6224905	6255045	.05	5.17	.2	1	.5	790	799	1.3	4	1.53	.05	110	104	11	12	67	48	.9	4	4.4	1.1	204	4.9	4.13	14.0	1.73	56	49	7.3	9.0	.53
6224906	6255046	.05	2.22	.2	1	.5	280	282	.7	18	.61	.05	66	61	5	5	26	35	.6	14	2.4	.2	116	2.0	1.80	4.0	.52	30	29	3.6	26.4	.19
6224907	6255047	.05	2.72	.2	1	.5	400	385	.8	15	.82	.10	81	73	7	7	75	57	.2	17	2.8	1.3	145	2.6	2.21	5.0	.66	38	34	3.7	33.7	.23
6224908	6255048	.05	2.06	.2	1	.5	260	289	.5	16	.50	.05	52	47	3	5	36	33	.5	13	1.7	1.2	150	1.2	1.11	3.0	.45	24	22	3.9	36.5	.14
6224909	6255049	.05	1.11	.2	1	.5	210	221	.3	20	.29	.05	41	35	1	3	20	22	.2	14	1.3	.2	73	.5	.50	.5	.16	16	17	1.6	42.6	.10
6224911	6255050	.05	3.70	.2	1	.5	440	439	1.1	14	.89	.05	100	89	7	9	51	53	.8	20	3.4	1.4	159	2.9	2.51	6.0	.93	44	40	6.0	24.5	.27
6224912	6255051	.05	.49	.2	1	.5	140	134	.2	22	.28	.20	12	12	3	2	2	18	.2	12	.6	.2	53	.6	.57	.5	.04	6	6	.5	60.8	.05
6224913	6255052	.10	.91	.2	1	.5	120	120	.4	20	.29	.05	37	36	1	2	2	12	.2	26	1.1	.2	62	.3	.30	.5	.08	17	18	1.3	28.7	.02
6224914	6255053	.05	3.64	.2	1	.5	560	544	1.0	14	1.06	.05	82	74	7	8	41	35	1.3	18	2.6	1.0	178	1.8	1.56	6.0	1.03	38	36	6.8	25.9	.19
6224915	6255054	.05	2.23	.2	1	.5	330	335	.7	21	.71	.05	75	63	4	6	37	34	.7	22	2.1	.9	154	1.1	1.00	4.0	.51	32	30	4.8	41.5	.18
6224916	6255055	.05	1.41	.2	1	.5	170	192	.5	15	.36	.05	41	39	3	4	13	21	.7	13	1.5	.2	105	.9	.77	2.0	.22	20	18	3.3	36.1	.13
6224917	6255056	.05	.71	.2	1	.5	66	76	.6	12	.30	.10	25	26	1	2	2	13	.2	27	1.5	.2	139	.3	.27	.5	.04	14	15	.6	28.1	.02
6224918	6255057	.05	1.60	.2	1	.5	110	124	.8	24	.54	.40	60	57	6	6	45	43	.5	30	2.0	.2	141	1.1	1.08	.5	.14	26	25	2.1	28.6	.05
6224919	6255058	.05	1.29	.2	1	.5	170	180	.4	13	.33	.10	39	31	3	3	30	28	.5	16	1.3	.2	63	.6	.50	2.0	.28	14	15	2.5	26.9	.10
6224921	6255059	.05	3.15	.2	1	.5	480	461	1.0	13	.82	.05	74	60	8	10	81	54	1.1	14	2.6	1.5	182	3.5	3.03	6.0	.89	32	27	6.0	22.5	.24
6224922	6255060	.05	2.32	.2	1	.5	330	319	.9	18	.71	.10	61	63	5	7	67	66	.9	23	2.6	1.2	178	1.6	1.40	3.0	.50	27	29	4.4	29.3	.18
6224923	6255061	.05	2.33	.2	1	.5	300	313	.8	16	.68	.05	63	60	5	7	60	62	1.0	22	2.5	.9	136	1.4	1.27	3.0	.53	28	28	4.3	27.4	.21
6224924	6255062	.05	.75	.2	1	.5	110	128	.2	9	.24	.05	17	20	1	2	2	10	.7	13	.5	.2	40	.3	.34	.5	.16	9	10	1.2	24.4	.02
6224925	6255063	.05	2.30	.2	3	.5	350	356	.6	7	.68	.05	53	48	3	5	48	37	1.1	19	1.9	.2	104	.8	.84	4.0	.65	25	24	4.0	25.1	.17
6224926	6255064	.05	1.64	.2	1	.5	210	238	.6	10	.76	.05	78	82	3	4	18	23	.2	36	3.1	1.0	150	.8	.74	3.0	.33	39	39	2.0	26.5	.07
6224927	6255065	.05	.47	.2	1	.5	130	150	.2	18	.40	.20	30	24	1	1	14	10	.2	20	1.0	.2	116	.4	.41	.5	.03	12	12	.5	66.3	.02
6224928	6255066	.05	2.07	.2	1	.5	100	118	1.2	27	.35	.30	130	121	6	4	33	33	.2	57	4.4	1.9	88	1.5	1.37	.5	.10	55	52	1.3	38.2	.27
6224929	6255067	.05	.83	.2	1	.5	98	97	.7	19	.36	.20	66	60	1	2	24	15	.2	24	2.3	1.0	47	1.4	1.23	.5	.05	29	29	.8	37.7	.06
6224931	6255068	.05	2.66	.2	1	.5	390	400	.7	14	.77	.05	62	56	4	7	36	33	.5	16	2.0	1.3	140	2.1	1.97	5.0	.69	30	27	4.6	41.2	.21
6224932	6255069	.05	1.51	.2	1	.5	170	207	.5	22	.51	.20	63	59	3	4	31	30	.2	25	2.0	1.3	82	1.5	1.37	.5	.18	29	27	2.2	44.6	.13
6224933	6255070	.05	3.37	.2	1	.5	380	384	1.2	18	.71	.20	110	103	10	10	64	54	1.0	28	3.6	1.8	171	4.2	3.84	4.0	.76	47	45	5.8	28.5	.30
6224934	6255071	.05	4.92	.2	1	.5	700	722	1.3	8	1.33	.05	83	66	9	11	64	55	.8	7	2.9	1.0	257	3.5	2.93	11.0	1.53	42	32	6.6	13.4	.31
6224935	6255072	.05	1.76	.2	1	.5	230	237	.5	17	.56	.10	60	56	4	4	38	31	.2	17	1.9	.9	111	1.3	1.21	2.0	.36	26	26	2.9	33.3	.14
6224936	6255073	.05	1.12	.2	1	.5	220	223	.3	14	.46	.05	41	38	2	3	13	18	.2	9	1.4	.8	74	.7	.64	1.0	.23	19	18	1.5	39.0	.13
6224937	6255074	.05	4.84	.2	1	.5	710	742	1.3	5	1.43	.05	110	75	10	10	73	46	1.0	5	3.5	1.4	216	4.6	2.95	13.0	1.59	54	36	7.4	12.6	.52
6224938	6255075	.05	2.39	.5	1	.5	270	299	.9	18	.45	.30	90	73	6	6	59	46	.2	20	3.1	.9	137	5.2	4.35	3.0	.38	39	31	2.9	50.9	.26
6224939	6255076	.05	4.12	.2	5	.5	550	583	2.5	9	1.34	.05	369	319	9	11	130	98	.7	18	7.5	3.2	213	1.8	1.57	9.0	1.14	172	150	5.9	40.5	.78
6224941	6255077	.05	1.14	.2	1	.5	210	221	.4	13	.52	.20	37	36	6	6	22	20	.2	8	1.4	.2	85	1.1	1.01	1.0	.22	17	17	1.7	50.5	.11
	6275078																															

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6224943	6255079	.05	4.92	1.0	1	.5	710	766	1.1	5	1.47	.05	140	64	11	13	150	59	.9	3	3.6	1.7	245	7.7	3.20	15.0	1.59	70	31	6.3	6.2	.65
6224944	6255080	.05	.49	.2	1	.5	170	183	.3	17	.30	.20	17	16	1	1	2	10	.2	40	1.2	.5	44	.2	.21	.5	.06	10	10	.6	51.3	.06
6224945	6255081	.05	2.17	.2	1	.5	250	308	.7	14	.74	.30	73	70	10	10	41	50	.2	20	3.2	.2	120	1.6	1.43	3.0	.53	30	32	3.7	54.9	.15
6224946	6255082	.05	.65	.2	1	.5	100	137	.4	9	.27	.20	33	33	4	3	20	13	.2	7	1.3	.2	115	.9	.98	.5	.11	15	17	1.2	31.4	.07
6224947	6255083	.05	2.16	.5	1	.5	310	359	1.0	16	.53	.60	83	84	8	8	47	47	.5	18	2.9	1.1	124	11.2	10.73	3.0	.58	42	35	3.9	47.0	.22
6224948	6255084	.05	2.18	.2	1	.5	260	296	.6	18	.90	.20	69	62	5	6	36	27	.5	18	2.3	1.0	199	1.3	1.34	3.0	.47	31	30	5.0	36.5	.16
6224949	6255085	.05	1.60	.2	1	.5	160	192	.6	33	.69	.40	81	79	5	4	27	24	.2	30	2.9	1.1	103	1.9	1.73	.5	.12	39	40	1.7	50.3	.19
6224951	6255086	.05	1.38	.2	1	.5	120	173	.5	32	.72	.20	73	65	4	3	29	21	.2	22	2.5	.2	178	.7	.67	.5	.14	33	33	1.7	46.1	.12
6224952	6255087	.05	3.59	.2	3	.5	260	316	2.1	40	.79	.50	180	164	9	9	66	56	.2	77	7.2	3.5	252	2.5	2.25	1.0	.20	91	83	3.2	54.6	.49
6224953	6255088	.05	1.99	.2	1	.5	180	200	1.0	33	.44	.30	98	93	5	4	30	29	.2	45	3.2	1.2	92	.8	.76	.5	.10	43	42	1.4	49.3	.16
6224954	6255089	.05	1.89	.2	5	.5	380	429	1.3	27	.87	.20	270	260	5	5	35	30	.2	67	4.8	3.0	176	4.3	3.86	.5	.12	132	129	1.9	60.8	.28
6224955	6255090	.05	2.86	.2	5	.5	240	289	1.2	32	.77	.40	361	342	7	6	78	41	.6	216	5.0	2.6	187	1.4	1.27	.5	.28	190	179	3.7	49.5	.22
6224956	6255091	.05	1.76	.2	2	.5	230	252	.7	25	1.06	.20	170	154	13	12	32	22	.2	37	3.0	1.5	180	3.0	2.72	2.0	.23	79	76	3.4	38.5	.19
6224957	6255092	.05	2.31	.2	1	.5	330	378	.7	17	.85	.05	100	89	4	6	51	38	.8	40	2.5	.2	183	1.1	.99	4.0	.53	44	44	4.8	42.3	.14
6224958	6255093	.05	2.63	.2	3	.5	380	426	1.0	32	1.01	.30	200	193	5	5	67	55	.2	101	4.4	1.6	144	6.5	5.76	.5	.05	101	96	1.1	67.4	.22
6224959	6255094	.10	.88	.2	1	.5	140	162	.3	25	.34	.10	52	55	1	1	2	12	.2	69	1.9	.2	70	.6	.50	.5	.04	24	26	.5	56.7	.10
6224961	6255095	.05	1.27	.2	1	.5	150	161	.6	23	.49	.30	96	89	3	3	33	20	.2	45	2.7	1.2	59	.5	.50	.5	.10	43	43	1.3	37.9	.14
6224962	6255096	.05	.87	.2	1	.5	140	158	.3	16	.34	.10	44	45	2	2	35	35	.2	27	1.5	.2	53	.4	.39	.5	.12	20	22	1.3	40.1	.08
6224963	6255097	.05	1.36	.2	1	.5	140	159	.5	25	.44	.20	71	67	4	3	39	35	.2	34	2.0	.2	73	.5	.53	.5	.13	31	33	1.4	36.1	.11
6224964	6255098	.05	1.52	.2	1	.5	170	205	.6	22	.51	.20	88	80	4	4	49	38	.2	59	2.3	.2	119	1.5	1.28	.5	.13	38	38	1.4	52.8	.17
6224965	6255099	.05	2.92	.2	3	.5	180	199	1.7	28	.47	.50	230	221	10	9	69	53	.2	78	6.5	2.9	245	3.4	3.12	2.0	.25	101	97	2.3	39.4	.34
6224966	6255100	.10	2.90	.2	1	.5	270	346	2.2	31	.36	.60	140	152	54	44	160	153	.2	61	6.2	2.5	84	14.3	13.17	.5	.11	69	65	1.6	56.4	.27
6224967	6255101	.05	2.78	.2	3	.5	280	332	1.9	33	.54	.30	90	83	25	22	95	78	.2	51	4.8	2.4	171	3.9	3.40	.5	.12	44	41	1.9	52.1	.13
6224968	6255102	.05	2.18	.2	4	.5	280	274	1.1	31	1.73	.20	77	81	8	8	35	53	1.1	39	2.8	.2	197	2.2	2.14	3.0	.45	36	38	4.7	27.3	.02
6224969	6255103	.05	2.32	.2	1	.5	320	356	.6	8	.63	.05	37	41	5	5	35	35	1.1	14	1.7	.2	147	.7	.69	4.0	.64	18	20	4.8	19.1	.02
6224971	6255104	.05	1.38	.2	1	.5	140	166	.5	22	.46	.30	48	50	4	3	41	38	.2	35	2.0	.2	123	.4	.49	.5	.17	21	23	2.7	35.8	.07
6224972	6255105	.05	1.34	.2	1	.5	150	165	.5	21	.46	.20	40	50	4	3	36	36	.2	35	1.9	.2	120	.5	.44	.5	.18	22	23	2.7	33.0	.08
6224973	6255106	.05	.41	.2	1	.5	92	117	.2	12	.26	.20	28	21	1	2	13	17	.2	12	1.8	.2	29	.2	.26	.5	.03	9	10	.5	27.1	.07
6224974	6255107	.05	3.23	.2	1	.5	310	313	1.5	33	.67	.50	120	106	15	14	100	90	.7	50	6.8	1.9	180	6.1	5.40	4.0	.57	52	46	4.1	36.6	.49
6224975	6255108	.05	.76	.2	1	.5	110	106	.2	11	.30	.20	24	28	2	2	15	18	.2	11	1.3	.2	66	.4	.34	.5	.09	12	13	1.0	28.7	.02
6224976	6255109	.05	5.35	.2	2	.5	780	804	1.3	10	1.76	.05	120	90	17	17	140	76	.7	11	4.7	1.9	305	5.8	3.99	10.0	1.74	54	39	8.3	5.3	.47
6224977	6255110	.05	3.64	.2	2	.5	520	514	.8	10	1.14	.20	97	84	9	9	110	77	.2	22	3.6	1.6	229	2.5	2.11	6.0	.98	43	38	4.4	30.3	.35
6224978	6255111	.05	1.56	.2	1	.5	140	144	.5	19	.36	.30	76	70	4	3	35	38	.2	20	2.8	.2	85	1.8	1.68	.5	.12	31	31	1.2	32.9	.19
6224979	6255112	2.70	1.38	.2	1	.5	430	436	.9	25	.20	1.20	160	1	170	119	44	49	.2	31	90.1	1.6	83	22.4	18.80	.5	.09	47	40	1.1	34.3	.25
6224981	6255113	.05	1.35	.2	1	.5	160	195	.4	18	.43	.10	31	37	2	4	15	28	.2	13	1.5	.2	52	.5	.47	1.0	.24	15	18	2.1	28.6	.10
6224982	6255114	.05	1.65	.2	1	.5	230	211	.5	28	.69	.20	83	87	8	8	36	34	.2	30	2.7	.2	147	1.1	1.22	.5	.22	33	36	2.6	26.5	.15
6224983	6255115	.05	.45	.2	3	.5	170	204	.3	19	.46	.20	22	19	3	2	2	10	.2	35	1.2	.2	33	.1	.17	.5	.04	10	11	.6	79.9	.02
6224984	6255116	.05	2.17	.2	1	.5	260	272	.9	18	1.64	.40	72	78	35	31	47	45	.2	31	3.2	1.2	165	2.5	2.52	1.0	.30	31	32	3.9	29.4	.14
6224985	6255117	.05	5.47	.2	2	.5	750	800	1.6	8	1.67	.05	110	105	14	14	98	66	.7	15	4.7	1.6	258	5.0	4.08	8.0	1.67	50	47	6.0	8.9	.40
6224986	6255118	.05	1.41	.2	1	.5	160	167	.6	24	.36	.20	61	53	3	3	38	33	.2	20	2.4	1.0	99	.9	.84	.5	.21	25	24	2.3	30.8	.11
6224987	6255119	.05	.85	.2	1	.5	170	185	.5	16	.24	.10	40	42	1	2	16	18	.2	22	1.9	.2	42	.4	.34	.5	.08	18	19	1.1	34.1	.07
6224988	6255120	.05	3.86	.2	1	.5	420	449	1.4	17	.83	.30	120	107	13	11	97	76	1.0	27	4.6	1.8	228	4.2	3.59	5.0	.92	53	48	6.0	21.6	.43
6224989	6255121	.05	2.00	.2	1	.5	240	267	.7	18	.60	.20	61	59	5	5	67	52	.5	22	2.5	.2	135	1.4	1.27	3.0	.39	28	27	2.9	27.9	.16
6224991	6255122	.05	4.15	.2	1	.5	580	606	1.5	13	1.24	.05	110	94	8	8	130	69	.6	24	7.7	1.6	157	5.2	2.73	6.0	1.25	48	43	4.1	15.6	.54
6224992	6255123	.05	1.35	.2	1	.5	170	167	1.0	39	1.05	.30	66	71	3	3	46	47	.2	37	7.8	1.3	150	.6	.55	.5	.17	28	33	2.3	35.9	.33
6224993	6255124	.05	2.73	.2	3	.5	330	346	.9	35	.77	.20	140	126	7	7	100	84	.2	45	4.9	1.2	170	2.1	1.86	2.0	.41	56	56	4.3	39.8	.31
6224994	6255125	.05	2.30	.2	1	.5	300	288	.5	18	.53	.20	62	59	4	5	41	44	.2	15	2.3	1.0	121	2.4	2.38	3.0	.46	27	26	3.3	27.7	.22
6224995	6255126	.05	.98	.2	1	.5	190	211	.3	15	.23	.10	34	34	3	2	19	24	.2	15	1.6	.2	48	.7	.72	.5	.10	14	15	1.3	34.1	.12
6224996	6255127	.05	3.47	.2	1	.5	540	523	.8	8	.99	.05	84	77	8	8	70	52	.9	11	3.1	1.2	190	2.2	1.68	7.0	.97	43	37	5.5	19.8	.32
6224997	6255128	.05	1.56	.2	1	.5	160	177	.6	17	.46	.30	65	61	6	5	44	33	.2	24	2.5	.2	82	.9	.86	.5	.20	30	30	1.9	30.7	.14
6224998	6255129	.05	5.11	.2	4	.5	680	705	1.2	4	1.42	.05	120	108	22	20	150	92	.7	11	4.5	1.7	250	5.7	4.78	11.0	1.46	54	48	7.3	8.4	.41
6224999	6255130	.05	5.27	.2	3	.5	650	680	1.3	9	1.63	.30	200	186	36	31	270	158	.9	34	6.2	2.4	384	6.7	5.14	8.0	1.44	83	72	9.8	15.0	.51
6225001	6255131	.05	2.52	.2	1	.5	220	238	.7	23	.63	.30	100	90	8	8	75	50	.6	34	3.3	1.6	120	1.7	1.54	2.0	.32	44	41	3.4	40.2	.19
6225002	6255132	.05	2.87	.2	2	.5	310	307	.8	36	.81	.20	94	90	8	7	69	73	.5	37	3.5	.2	179	2.2	1.87	2.0	.28	46	42	3.7	46.1	.23
6225003	6255133	.05	.94	.2	1	4.0	99	128	.3	15	.39	.20	32	32	3	3	2	16	.2	18	1.3	1.2	73	.3	.29	.5	.12	14	16	1.3	27.5	.02
6225004	6255134	.05	2.84	.2	3	.5	330	357	.9	30	.69	.30	95	103	7	7	65	42	.6	37	3.2	.2	163	1.9	1.71	2.0	.33	45	47	3.9	46.4	.12
6225005	6255135	.05	3.64	.2	3	.5	240	281	1.3	28	.66	.60	220	206	34	29	72	51	.2	67	5.7	2.3	113	4.0	3.53	1.0	.20	89	82	2.6	52.8	.38
6225006	6255136	.30	3.56	.2	3	.5	340	388	1.0	28	.98	.30	150	142	6	7	60	51	.2	66	4.4	1.9	158	2.8	2.51	1.0	.26	70	65	2.7	61.9	.26
6225007	6255137	.05	2.39	.2	1	.5	290	276	.8	21	.75	.30	59	58	5	6	60	53	.8	33	2.3	.9	177	1.0	.88	2.0	.35	27	27	4.4	36.6	.12
6225008	6255138	.05	3.22	.2	1	.5	330	339	1.1	22	1.39	.30	130	130	24	21	63	55	.5	52	4.4	1.6	194	4.3	4.22	3.0	.49	56	55	5.4	34.0	.27
6225009	6255139	.05	3.80	.2	1	.5	500	546	.9	10	1.14	.05	68	68	8	9	57	41	.8	12	3.0	.7	162	1.8	1.70	7.0	1.01	35	32	6.0	28.2	.25
6225011	6255140	.05	3.15	.2	1	.5	280	291	1.0	29	.70	.30	110	104	6	7	57	49	.2	40	3.7	1.4	148	1.6	1.51	1.0	.27	51	48	3.4	49.2	.25
6225012	6255141	.05	3.18	.2	2	.5	170	160	1.5	28	.42	.60	170	162	21	18	74	64	.2	62	5.1	2.3	216	5.0	4.72	1.0	.14	73	68	2.2	37.6	.29
6225013	6255142	.05	2.23	.2	3	.5	150	157	.9	14	.23	.40	69	77	7	8	45	49	.2	20	3.2	.2	85	2.8	2.72	.5	.06	32	32	1.0	35.8	.14
6225014	6255143	.05	5.18	.2	2	.5	710	737	1.2	7	1.47	.05	95	92	22	20	160	117	1.1	13	4.0	1.0	335	4.5	3.68	9.0	1.51	45	42	10.1	11.5	.33
6225015	6255144	.05	4.65	.2	1	.5	520	558	1.2	15	1.23	.30	110	115	18	18	110	116	.9	32	4.5	1.5	286	3.0	2.76	6.0	1.07	49	52	7.3	22.7	.26
6225016	6255145	.05	4.56	.2	1	.5	510	546	1.1	19	1.11	.10	92	95	15	15	120	116	1.1	27	4.1	1.3	313	3.2	3.10	6.0	1.06	45	45	7.6	24.0	.32
6225017	6255146	.05	5.03	.2	2	.5	600	619	1.3	11	1.30	.20	140	122	21	21	170	115	1.3	23	4.8	1.8	376	5.4	3.67	8.0	1.31	65	56	10.6	18.5	.38

Appendix 1: Winokapau Lake Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225018	6255147	.05	3.63	.2	1	.5	480	495	.9	16	1.03	.20	92	87	10	10	170	130	.9	47	3.6	1.4	250	2.0	1.65	6.0	.91	41	41	5.5	25.8	.28
6225019	6255148	.05	3.04	.2	2	.5	290	334	1.5	48	1.14	.20	120	104	6	7	110	93	.7	67	4.2	1.8	222	1.5	1.32	3.0	.35	52	49	4.1	48.8	.16
6225021	6255149	.05	2.36	.2	1	.5	160	174	1.2	33	.37	.60	76	72	10	10	56	60	.2	37	3.0	1.2	100	1.8	1.71	.5	.07	30	29	1.1	41.3	.20
6225022	6255150	.05	5.36	.2	3	.5	640	689	1.9	19	1.49	.10	130	129	27	25	99	78	.8	60	5.6	2.0	182	6.2	5.20	5.0	1.32	58	54	6.6	18.4	.49
6225023	6255151	.05	2.08	.2	1	.5	210	224	.8	32	.54	.50	52	47	5	4	38	30	.2	48	2.4	1.0	91	2.2	1.99	.5	.11	24	22	1.7	53.3	.15
6225024	6255152	.05	1.70	.2	1	.5	180	205	.6	9	.38	.10	51	55	4	4	23	25	.7	34	1.8	1.4	129	.5	.56	1.0	.31	24	26	3.9	23.7	.05
6225025	6255153	.05	1.89	.2	1	.5	170	187	.5	21	.32	.30	48	44	3	5	46	44	.2	32	2.0	.2	84	.5	.50	2.0	.22	20	21	2.6	34.2	.11
6225026	6255154	.05	1.79	.2	1	.5	180	215	.5	19	.35	.30	35	37	3	4	59	47	.7	30	1.7	.2	135	.7	.62	.5	.24	15	17	3.7	34.8	.02
6225027	6255155	.05	3.02	.2	1	.5	220	236	1.0	34	.54	.30	76	87	5	6	79	71	.2	40	3.5	1.2	162	1.5	1.45	.5	.24	34	38	3.1	49.8	.14
6225028	6255156	.05	1.46	.2	3	.5	180	200	.4	15	.43	.20	40	43	3	3	34	39	.2	20	1.9	.7	187	1.2	1.19	.5	.18	18	20	2.2	41.7	.10
6225029	6255157	.05	2.63	.2	1	.5	310	315	.8	22	.67	.20	63	62	10	9	72	64	.8	41	2.5	1.0	250	.9	.82	2.0	.42	31	30	5.6	33.9	.16
6225031	6255158	.05	3.15	.2	1	.5	270	305	1.0	39	.71	.30	92	79	9	8	95	74	.8	81	3.5	1.7	173	1.8	1.58	2.0	.34	40	37	4.5	53.1	.20
6225032	6255159	.05	2.70	.2	1	.5	220	239	.8	33	.47	.30	81	73	7	7	120	109	.2	52	3.2	1.3	120	1.7	1.44	1.0	.22	36	32	2.9	50.3	.19
6225033	6255160	.05	2.89	.2	2	.5	290	310	.9	21	.72	.30	160	140	8	8	110	89	.7	46	4.9	2.4	193	2.4	2.04	3.0	.53	70	63	4.2	37.4	.31
6225034	6255161	.05	1.03	.2	1	.5	140	146	.4	20	.33	.20	55	48	10	9	24	32	.2	25	1.8	.2	106	1.9	1.81	1.0	.15	24	22	2.0	29.4	.02
6225035	6255162	.05	3.60	.2	1	.5	360	448	1.1	19	.95	.30	140	103	13	12	130	91	1.1	44	4.0	2.3	252	5.4	4.23	5.0	.86	61	46	6.9	22.5	.29
6225036	6255163	.05	.88	.2	1	.5	130	155	.5	21	.28	.40	44	44	1	3	41	36	.2	29	2.5	.8	48	1.6	1.51	.5	.07	23	22	1.0	40.1	.13
6225037	6255164	.05	1.06	.2	1	.5	120	125	.5	18	.33	.20	58	48	1	2	38	26	.2	21	2.1	1.0	63	.4	.29	1.0	.17	22	23	1.8	23.2	.02
6225038	6255165	.05	1.31	.2	1	.5	130	159	.5	16	.38	.10	56	53	1	3	32	31	.2	23	2.0	.2	61	.3	.36	.5	.23	22	25	2.0	23.4	.07

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224413	6254602	.11	69	.2	.5	.16	.16	2	5	436	22	10	5	.02	2.4	2.7	.5	3.7	56	.1	.6	1.7	748	2.5	25	.2	24	1.3	17	50	6	10
6224414	6254603	.23	198	.2	.5	.29	.29	5	9	1546	2	12	11	.02	5.2	5.6	.5	6.1	80	.2	.6	3.5	1166	2.3	79	.2	18	1.2	47	50	13	9
6224415	6254604	.12	71	.2	.5	.12	.12	2	9	642	1	5	1	.02	2.7	3.2	.5	3.2	66	.1	.2	1.6	506	.5	22	.2	10	.7	29	50	5	7
6224416	6254605	.28	157	.2	.5	.34	.32	3	11	866	3	13	8	.02	4.0	4.1	.5	4.9	86	.3	.2	3.1	1020	1.5	31	.2	12	1.2	45	170	14	10
6224417	6254606	.43	236	9.3	8.0	.52	.52	5	32	1071	8	17	12	.02	5.2	5.3	.5	5.0	166	.3	.6	3.6	1227	2.0	56	1.0	13	1.0	60	50	16	11
6224418	6254607	.27	203	9.1	9.0	.38	.38	3	21	869	4	9	10	.02	4.5	4.9	.5	5.6	118	.1	.5	3.8	798	1.9	33	.2	17	1.3	49	160	14	11
6224419	6254608	.39	253	.2	.5	.54	.53	4	18	697	4	19	14	.02	5.5	5.5	.5	5.1	134	.3	.2	4.1	1167	1.3	44	.2	14	1.3	53	50	18	11
6224421	6254609	.12	71	.2	.5	.07	.08	2	8	464	1	5	1	.02	2.3	2.5	.5	2.4	45	.1	.2	1.0	340	.6	32	.2	8	1.0	38	50	4	11
6224422	6254610	.17	109	.9	.5	.17	.15	2	14	486	2	7	6	.02	3.3	3.4	.5	2.6	87	.1	.2	1.6	565	.8	21	.2	9	1.0	49	50	6	10
6224423	6254611	.25	188	.6	.5	.26	.25	4	34	541	5	9	6	.02	4.5	4.7	.5	2.9	88	.2	.2	2.1	724	.8	31	.2	11	1.0	80	50	11	10
6224424	6254612	.18	102	.2	.5	.27	.24	2	18	543	2	10	8	.02	3.8	4.0	.5	2.7	81	.1	.2	2.3	731	.4	19	.2	10	.9	63	50	9	7
6224425	6254613	.86	548	.2	.5	1.90	1.74	11	28	930	9	51	56	.20	14.1	12.6	.5	9.2	338	.8	1.1	9.1	3540	2.3	64	.2	27	2.9	60	360	59	8
6224426	6254614	.35	815	.2	.5	.34	.36	6	46	758	6	16	10	.02	8.4	9.0	.5	8.9	94	.2	.8	4.8	1091	1.8	90	.2	24	2.3	143	320	15	12
6224427	6254615	.44	271	.2	.5	.75	.73	5	13	582	5	12	18	.02	6.3	6.4	.5	5.2	201	.3	.6	3.9	1689	2.1	37	.2	15	1.1	47	50	21	13
6224428	6254616	.37	270	.2	.5	.69	.63	5	10	1018	4	15	17	.02	6.5	5.9	.5	5.1	164	.3	.6	3.7	1585	1.8	42	.2	14	1.3	44	50	20	12
6224429	6254617	.21	357	2.0	2.0	.16	.12	4	12	1480	1	2	5	.02	5.9	5.5	.5	7.5	95	.1	.8	2.8	777	2.0	80	.2	24	2.3	88	50	6	14
6224431	6254618	.15	85	.2	.5	.20	.19	2	6	496	2	7	6	.02	3.2	3.3	.5	3.6	74	.2	.2	1.9	723	.7	16	.2	11	1.3	27	50	7	10
6224432	6254619	.29	160	.2	.5	.31	.30	3	11	901	3	11	6	.02	4.2	4.4	.5	6.0	173	.1	.6	3.1	955	1.2	28	1.0	17	1.2	47	50	10	11
6224433	6254620	.79	668	1.4	1.0	1.90	1.82	12	25	1449	9	58	60	.20	14.2	13.7	.5	11.9	360	.6	1.2	11.2	3483	3.9	62	.2	36	3.7	68	440	54	10
6224434	6254621	.39	1219	.2	.5	.90	.86	8	19	960	12	23	25	.20	8.9	8.5	.5	10.0	185	.6	1.0	6.0	1934	1.4	57	.2	29	3.0	99	240	27	10
6224435	6254622	.36	1595	1.9	.5	.66	.61	9	36	2346	5	18	23	.02	10.1	10.0	.5	13.7	170	.4	1.3	7.4	1685	2.1	84	.2	41	4.0	126	50	21	10
6224436	6254623	.51	837	1.2	.5	1.40	1.21	11	32	1831	8	43	40	.02	11.7	11.1	.5	11.6	279	.6	1.2	7.9	2462	2.4	72	.2	35	3.5	92	210	39	10
6224437	6254624	.23	215	.2	.5	.38	.35	4	9	1272	2	10	12	.02	4.7	4.7	.5	5.8	94	.5	.7	3.0	1069	1.3	39	1.0	17	1.4	40	50	12	12
6224438	6254625	.14	168	.2	.5	.17	.16	4	8	1109	1	6	6	.02	3.4	4.2	.5	7.2	61	.5	.7	3.4	825	1.5	53	.2	22	1.2	50	50	7	10
6224439	6254626	.70	644	1.4	.5	2.10	2.17	13	27	1150	10	58	64	.20	12.1	12.6	.5	8.7	401	1.0	1.0	8.2	3647	2.7	55	.2	30	3.0	54	430	67	10
6224441	6254627	.26	241	.2	.5	.28	.27	4	6	1768	2	8	6	.02	4.0	4.3	.5	5.8	94	.1	.2	3.2	1135	1.5	67	.2	15	1.2	37	50	10	13
6224442	6254628	.75	549	.7	.5	1.80	1.86	11	19	1031	8	48	53	.10	13.0	11.9	.5	9.4	372	.6	1.1	8.9	3192	2.1	51	.2	29	3.1	53	450	50	11
6224443	6254629	.62	523	2.5	3.0	1.40	1.38	8	17	1021	7	39	41	.02	10.0	9.2	.5	8.0	377	.6	.9	6.9	2191	1.8	42	.2	24	2.5	49	280	32	12
6224444	6254630	.14	105	.2	.5	.19	.19	2	6	399	2	7	4	.02	2.8	3.1	.5	3.4	70	.3	.2	1.7	638	1.1	21	.2	11	.9	35	220	7	12
6224445	6254631	.42	314	.2	.5	.65	.60	5	15	1041	3	15	21	.02	6.1	6.0	.5	4.6	147	.4	.2	3.3	1459	1.4	31	.2	14	1.8	63	50	15	14
6224446	6254632	.12	75	.2	.5	.10	.09	1	5	323	3	2	1	.02	2.1	2.4	.5	2.3	47	.1	.2	1.5	285	1.6	18	.2	10	.8	52	50	4	11
6224447	6254633	.27	162	.2	.5	.25	.22	3	15	897	2	15	3	.02	4.3	4.5	.5	3.4	69	.2	.2	2.0	829	2.8	45	.2	10	.8	48	50	8	13
6224448	6254634	.08	58	.2	.5	.08	.07	1	8	326	2	5	3	.02	2.0	2.0	.5	.9	42	.1	.2	.9	261	.2	8	.2	4	.6	19	50	2	8
6224449	6254635	.18	96	.2	.5	.19	.19	3	8	376	3	11	8	.02	4.1	4.7	.5	3.7	65	.3	.2	1.5	789	1.8	39	.2	12	1.2	41	50	7	13
6224451	6254636	.36	311	.2	.5	.39	.38	5	14	1159	4	13	12	.02	6.4	6.6	.5	7.9	107	.4	1.1	3.8	1206	3.9	75	.2	40	2.8	76	50	17	9
6224452	6254637	.69	629	1.3	.5	1.10	1.10	8	21	806	10	37	39	.10	9.3	9.0	.5	6.7	221	.8	.8	7.4	2292	1.4	62	.2	17	1.9	81	260	32	11
6224453	6254638	.45	452	.6	.5	.80	.78	6	14	735	6	19	22	.02	7.6	7.3	.5	6.2	173	.5	.7	4.7	1637	1.3	57	.2	19	1.8	65	50	22	9
6224454	6254639	.34	223	.2	.5	.64	.65	5	10	485	5	20	20	.02	5.6	5.9	.5	4.2	158	.2	.2	3.3	1302	1.3	35	.2	14	1.5	51	50	22	8
6224455	6254640	.35	319	1.6	1.0	.49	.52	5	10	629	5	12	14	.02	4.8	5.1	.5	3.7	126	.2	.2	2.8	1397	.9	51	.2	11	1.1	61	50	17	13
6224456	6254641	.22	179	.2	.5	.40	.41	4	4	467	4	12	8	.02	3.4	3.7	.5	2.7	101	.1	.2	1.9	1010	.9	29	.2	8	.2	32	50	12	12
6224457	6254642	.15	87	1.4	2.0	.14	.13	2	5	442	2	6	4	.02	2.5	2.7	.5	2.6	58	.1	.2	1.5	515	.8	21	.2	9	.6	36	130	5	14
6224458	6254643	.65	539	1.5	1.0	1.70	1.69	9	15	1034	9	51	46	.10	11.5	10.6	.5	7.2	327	.8	.9	6.4	2443	1.5	45	.2	23	2.8	50	390	37	13
6224459	6254644	.40	1008	4.9	4.0	.75	.73	8	29	1991	7	20	20	.02	7.4	8.1	.5	6.6	159	.4	.6	4.4	1484	1.6	83	.2	23	2.0	97	50	23	13
6224461	6254645	.79	645	.7	.5	2.00	2.28	15	18	1083	10	63	69	.20	12.1	14.1	.5	8.9	427	1.1	1.1	8.7	4115	2.3	56	.2	30	2.6	42	500	71	12
6224462	6254646	.38	331	2.0	1.0	.78	.77	7	12	1006	6	23	25	.02	7.1	7.2	.5	6.2	169	.4	.6	3.9	1583	1.3	58	.2	22	1.4	62	50	23	12
6224463	6254647	.19	182	.2	.5	.42	.42	5	4	430	5	8	11	.10	4.4	4.5	.5	5.6	146	.4	.6	3.6	1195	1.1	31	.2	19	1.8	24	50	17	14
6224464	6254648	.51	688	1.4	1.0	1.50	1.52	12	13	1175	7	41	42	.10	10.8	11.0	.5	8.8	300	.8	1.0	6.6	2996	1.8	49	.2	33	3.3	53	230	43	16
6224465	6254649	.58	536	2.0	1.0	1.20	1.48	15	15	640	8	31	37	.10	10.8	11.1	.5	9.5	290	.6	1.1	7.6	3567	1.9	68	.2	34	3.4	53	300	39	16
6224466	6254650	.58	503	.7	.5	1.80	1.80	12	15	730	9	53	53	.20	11.3	11.4	.5	8.1	339	.9	.9	6.7	3046	1.8	58	.2	27	2.9	65	330	47	12
6224467	6254651	.30	184	.2	1.0	.29	.30	7	12	530	4	9	9	.02	5.1	5.5	.5	7.2	86	.1	.8	4.6	1303	1.4	84	.2	21	2.0	64	50	13	12
6224468	6254652	.14	157	.8	1.0	.13	.15	5	8	869	1	6	4	.10	4.7	5.1	.5	13.7	61	.2	1.4	6.6	906	2.3	46	.2	43	3.0	61	50	8	11
6224469	6254653	.15	179	.2	.5	.24	.24	4	5	787	2	2	7	.02	4.2	4.3	.5	8.7	70	.1	1.0	3.9	924	1.7	48	.2	28	2.8	50	230	8	11
6224471	6254654	.54	551	.2	.5	1.60	1.55	10	13	1264	9	47	44	.20	10.4	10.1	.5	8.3	303	.7	1.0	6.2	2791	1.8	49	.2	26	3.2	59	310	41	10
6224472	6254655	.57	512	.2	.5	1.50	1.52	10	14	1656	7	44	48	.10	10.0	10.2	.5	7.1	297	.6	.8	6.1	2668	1.4	59	.2	23	2.1	51	50	41	13
6224473	6254656	.82	807	.9	.5	2.00	2.04	14	27	1170	10	62	72	.20	12.6	13.6	.5	8.9	386	.9	1.0	8.6	3500	2.2	65	.2	29	2.7	55	370	58	13
6224474	6254657	.70	594	.2	.5	2.10	2.05	12	14	744	10	52	58	.10	12.1	11.8	.5	7.1	399	.8	.8	7.0	3382	1.5	44	.2	25	2.7	32	520	46	17
6224475	6254658	.66	504	1.2	.5	1.50	1.37	10	14	1051	8	48	45	.10	10.8	10.0	.5	6.7	273	.7	.8	6.3	2838	1.5	57	.2	22	2.5	53	220	36	15
6224476	6254659	.53	423	.2	.5	1.70	1.69	8	10	610	8	44	46	.10	9.1	9.0	.5	5.5	333	.6	.6	4.6	2386	1.0	32	.2	19	2.3	32	290	30	13
6224477	6254660	.27	249	.2	.5	.39	.38	4	8	1415	3	12	8	.02	4.7	4.6	.5	4.3	100	.1	.2	2.9	1110	1.3	46	.2	13	1.3	40	50	12	14
6224478	6254661	.18	116	.2	.5	.35	.33	3	5	382	4	2	10	.02	2.9	3.2	.5	2.3	82	.3	.2	2.1	982	.6	21	.2	7	.2	17	50	11	12
6224479	6254662	.35	253	.2	.5	.70	.67	5	8	651	4	20	19	.02	5.6	5.6	.5	4.1	156	.3	.2	3.0	1589	1.1	40	.2	12	1.4	39	50	18	11
6224481	6254663	.83	598	1.1	.5	2.00	1.85	12	24	819	9	55	57	.10	12.7	12.3	.5	7.4	365	.7	.9	7.5	3461	1.8	59	.2	24	2.8	64	380	53	10
6224482	6254664	.37	344	.2	.5	.63	.57	4	13	1648	4	13	14	.02	5.9	5.8	.5	3.7	144	.2	.2	3.1	1368	.6	28	.2	13	1.8	50	50	20	12
6224483	6254665	.22	238	.2	.5	.30	.29	3	8	556	3	5	9	.02	3.6	4.0	.5	3.6	84	.1	.2	2.5	876	2.8	36	.2	11	.2	50	50	10	15
6224484	6254666	.18	122	.2	1.0	.22	.23	2	5	530	2	7	5	.02	2.4	3.0	.5	2.4	69	.1	.2	1.7	803	3.1	36	.2	7	.2	27	50	9	14
6224485	6254667	.24	116	.7	.5	.27	.25	2	9	521	3	12	8	.02	3.5	3.9	.5	2.7	99	.3	.2	1.8	735	1.4	26	.2	9	.8	39	50	8	10
6224486	6254668	.85	510	1.5	.5	1.60	1.42	10	34	1588	9	44	47	.10	12.9	12.5	.5	8.1	306	.9	.9	7.9	3058	10.0	94	.2	31	3.6	112	260	50	9
6224487	6254669	1.51	825	.2	.5	1.80	1.86	10	44	600	10	40	45	.02	18.4	14.4	.5	7.5	401	.9	1.0	10.0	4185	1.4	58	.2	23	3.0	50	350	27	8

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224488	6254670	.28	163	.8	.5	.43	.40	3	14	526	3	11	11	.02	4.2	4.2	.5	3.7	128	.1	.2	2.4	934	1.4	38	.2	11	1.2	50	50	12	9
6224489	6254671	.47	317	.2	.5	1.40	1.38	4	12	649	10	38	42	.02	6.3	6.4	.5	5.0	299	.4	.6	5.7	1501	1.1	19	.2	13	1.9	29	200	37	10
6224491	6254672	.24	160	.2	.5	.36	.34	4	7	649	3	8	6	.02	3.9	4.2	.5	4.0	95	.1	.2	2.5	965	1.2	40	.2	15	1.0	31	50	13	9
6224492	6254673	.20	132	.9	.5	.23	.20	4	6	2218	12	2	6	.02	5.2	5.2	.5	7.5	77	.3	1.0	2.9	1175	2.6	83	.2	33	2.9	40	50	9	9
6224493	6254674	.19	142	.2	.5	.19	.18	4	5	2083	10	9	6	.02	5.0	4.9	.5	6.8	74	.3	.9	2.7	1105	2.4	61	.2	30	2.3	37	50	8	9
6224494	6254675	.56	352	.2	.5	1.10	1.02	6	13	665	10	36	28	.02	7.0	7.1	.5	5.2	234	.1	.6	5.2	1859	1.8	42	.2	18	1.8	47	390	40	9
6224495	6254676	.24	329	1.7	.5	.27	.24	4	13	1179	2	9	4	.02	3.7	4.0	.5	3.1	72	.1	.2	2.5	817	.6	38	.2	10	1.1	60	50	10	13
6224496	6254677	.51	375	1.2	.5	1.00	1.00	7	19	831	6	20	26	.02	7.2	8.3	.5	5.4	227	.5	.7	4.8	1977	1.5	49	.2	18	1.9	56	260	32	11
6224497	6254678	.12	89	.2	.5	.08	.07	2	5	708	2	2	1	.02	2.3	2.4	.5	2.5	42	.1	.2	1.2	381	1.2	42	.2	8	.8	33	50	3	12
6224498	6254679	.38	1760	1.8	1.0	1.00	.91	8	27	798	6	24	22	.10	10.3	10.2	.5	9.0	196	.3	.9	5.1	1612	7.0	66	.2	33	3.6	109	310	23	11
6224499	6254680	.51	654	1.8	1.0	1.10	.97	7	20	731	7	30	22	.02	9.0	8.8	.5	5.9	218	.3	.7	4.7	1905	2.1	70	.2	20	2.2	82	290	29	13
6224501	6254681	.18	112	.2	.5	.17	.17	3	8	491	2	2	5	.02	3.0	3.3	.5	2.8	77	.1	.2	1.8	628	2.8	38	.2	10	.9	44	50	7	11
6224502	6254682	.59	406	1.6	.5	1.00	.87	8	21	687	6	23	26	.02	10.0	9.6	.5	6.0	187	.5	.6	5.2	1857	2.5	80	1.0	20	2.5	78	50	28	11
6224503	6254683	.24	143	.9	.5	.21	.20	4	6	910	2	9	9	.02	4.0	4.2	.5	3.8	67	.1	.5	2.0	952	1.5	48	.2	12	1.0	54	50	10	10
6224504	6254684	.72	846	1.6	.5	1.40	1.40	10	32	751	10	35	38	.02	11.5	11.2	.5	7.5	291	.5	.7	7.4	2308	1.4	78	.2	21	2.3	84	200	43	11
6224505	6254685	.30	243	.2	.5	.50	.53	5	8	548	4	15	14	.02	4.7	5.1	.5	3.4	129	.4	.2	2.6	1217	2.2	54	.2	10	1.3	49	50	17	12
6224506	6254686	.68	484	.2	.5	1.50	1.48	7	11	849	8	36	41	.02	10.3	10.0	.5	6.4	311	.5	.7	6.2	2550	2.0	58	1.0	19	2.0	40	210	36	10
6224507	6254687	.45	782	3.8	.5	.39	.38	15	52	2230	8	16	18	.02	8.7	10.3	.5	7.8	91	.4	.8	5.5	1322	1.9	154	1.0	25	2.3	119	50	24	11
6224508	6254688	.31	327	.9	.5	.40	.39	6	13	1203	4	13	13	.02	4.8	5.5	.5	3.8	100	.2	.2	2.7	1127	2.0	65	.2	13	1.1	64	50	15	11
6224509	6254689	.41	302	.6	.5	.77	.75	6	14	1034	5	18	23	.02	7.3	7.7	.5	6.1	170	.3	.7	4.6	1591	2.0	59	1.0	20	2.1	59	50	28	9
6224511	6254690	.39	382	1.4	1.0	.42	.41	8	22	2101	4	14	15	.02	6.4	7.2	.5	5.0	98	.3	.5	3.9	1548	1.2	108	.2	17	1.4	80	50	18	11
6224512	6254691	.70	640	.7	.5	1.80	1.83	11	13	721	9	45	44	.10	12.2	11.7	.5	6.5	363	.9	.8	6.9	3040	1.3	53	.2	23	2.8	41	340	50	11
6224513	6254692	.74	653	.6	.5	1.80	1.80	10	14	676	13	47	46	.10	11.5	11.3	.5	6.0	358	.7	.7	5.9	2931	1.3	51	.2	20	2.6	42	360	41	12
6224514	6254693	.30	255	.9	1.0	.88	.85	6	6	538	6	22	23	.02	6.4	6.3	.5	4.1	180	.4	.2	3.5	1751	.9	33	.2	14	1.8	40	50	33	10
6224515	6254694	.30	480	.2	.5	.45	.42	6	11	1244	4	11	12	.02	6.0	5.7	.5	4.3	117	.3	.2	3.2	1129	.7	60	.2	15	1.6	52	50	15	24
6224516	6254695	.22	170	.6	.5	.19	.16	2	4	693	2	2	7	.02	2.9	2.7	.5	2.0	93	.1	.2	1.5	486	.3	13	.2	8	.8	34	50	7	20
6224517	6254696	.40	586	1.5	1.0	.72	.67	7	18	1412	5	21	22	.02	7.8	7.8	.5	5.8	146	.4	.7	4.7	1587	1.0	59	.2	20	2.3	71	310	24	13
6224518	6254697	.08	30	.2	1.0	.02	.03	1	4	173	2	2	1	.02	1.2	1.4	.5	2.0	31	.1	.2	.6	176	.6	7	.2	7	.2	36	50	2	17
6224519	6254698	.26	180	.2	.5	.29	.27	3	5	541	2	6	6	.02	3.0	3.2	.5	1.8	81	.3	.2	1.9	848	.4	16	.2	6	.2	29	50	10	16
6224521	6254699	.77	515	.9	.5	1.20	1.22	9	20	767	6	29	33	.02	11.6	9.9	.5	5.9	245	.7	.7	5.3	2727	.9	49	.2	21	2.7	55	50	21	9
6224522	6254700	.69	486	.8	.5	2.00	1.91	10	13	691	9	51	51	.02	11.7	10.1	.5	6.6	354	.9	.8	6.1	2921	1.4	40	.2	22	2.9	37	330	38	15
6224523	6254701	.08	40	1.1	2.0	.02	.04	1	3	277	1	2	1	.02	1.3	1.4	.5	1.2	39	.1	.2	.6	158	1.0	14	.2	5	.2	32	50	2	17
6224524	6254702	.16	129	.2	.5	.27	.23	2	5	558	3	7	8	.02	2.4	2.6	.5	1.4	78	.1	.2	1.5	585	.4	12	.2	5	.6	11	50	8	9
6224525	6254703	.68	477	.8	.5	1.60	1.60	10	16	657	8	38	43	.10	11.5	10.2	.5	6.7	313	.8	.8	5.9	2671	2.0	49	.2	23	3.0	49	320	30	11
6224526	6254704	.43	281	.2	.5	.79	.93	6	8	638	5	19	23	.02	6.5	6.8	.5	4.7	204	.5	.6	3.4	1694	1.9	42	.2	16	1.9	43	50	23	11
6224527	6254705	.49	314	.2	.5	1.10	1.09	7	13	756	7	31	34	.02	8.4	8.2	.5	6.5	225	.7	.7	5.6	2182	2.7	49	.2	21	2.1	50	50	38	10
6224528	6254706	.29	190	.2	.5	.73	.69	5	7	445	4	21	19	.02	5.5	5.3	.5	3.7	148	.3	.2	3.2	1446	1.5	39	.2	12	1.2	43	50	22	13
6224529	6254707	.35	228	.2	.5	.63	.62	5	7	503	6	12	17	.02	5.4	5.6	.5	3.4	147	.4	.2	2.9	1591	3.0	33	.2	11	.2	31	50	23	13
6224531	6254708	.75	504	.9	.5	1.10	1.10	7	26	1222	7	34	37	.02	10.0	9.7	.5	5.6	236	.6	.6	5.3	2001	1.8	60	.2	16	1.5	78	50	30	12
6224532	6254709	.34	187	.2	.5	.47	.49	4	7	471	3	8	13	.02	4.2	4.8	.5	3.4	123	.1	.2	2.5	1219	1.1	40	.2	11	.7	42	50	15	12
6224533	6254710	.76	601	.8	.5	.92	.91	8	36	1090	7	24	34	.02	9.5	9.8	.5	5.7	202	.6	.6	5.3	1932	2.0	74	.2	18	2.2	97	50	29	13
6224534	6254711	.27	237	1.1	.5	.29	.31	4	8	641	5	12	9	.02	3.6	4.2	.5	3.4	90	.4	.2	2.0	966	1.5	49	.2	12	1.2	64	50	12	11
6224535	6254712	.12	80	.2	.5	.09	.12	2	6	396	1	2	5	.02	2.6	4.5	.5	5.4	63	.1	.6	1.6	461	2.4	31	.2	25	1.2	39	50	7	13
6224536	6254713	.10	58	.2	.5	.08	.09	2	5	1093	2	2	1	.02	2.6	3.4	.5	3.9	47	.1	.2	1.8	468	1.0	45	.2	17	1.4	48	50	5	11
6224537	6254714	.08	45	.2	.5	.08	.07	1	2	425	2	2	4	.02	2.5	2.7	.5	1.8	59	.1	.2	1.1	379	.3	23	.2	7	.6	30	50	4	6
6224538	6254715	.17	111	.2	.5	.26	.27	3	3	364	3	13	5	.02	2.6	3.1	.5	2.6	78	.1	.2	1.9	823	1.2	24	.2	8	.9	16	50	11	11
6224539	6254716	.65	400	.2	.5	1.30	1.23	7	13	554	12	31	33	.02	8.8	8.0	.5	5.8	261	.5	.6	7.1	2506	1.5	38	.2	13	2.1	40	280	43	10
6224541	6254717	.09	53	.2	.5	.07	.05	2	7	214	5	2	3	.02	3.1	3.1	.5	6.4	54	.1	.8	1.9	215	1.5	61	.2	31	2.5	30	50	6	17
6224542	6254718	.06	32	.2	.5	.02	.04	1	4	278	3	2	4	.02	1.0	1.8	.5	2.8	33	.3	.2	1.2	250	1.3	16	.2	9	.2	18	50	2	11
6224543	6254719	.89	585	.2	.5	1.50	1.62	8	18	587	13	42	45	.02	12.2	10.7	.5	12.5	329	.8	1.3	16.0	3183	3.0	89	.2	23	3.6	53	310	46	11
6224544	6254720	.10	48	.2	.5	.10	.10	2	3	671	3	8	4	.02	2.1	2.6	.5	3.6	38	.1	.6	1.2	465	1.1	35	.2	20	1.6	10	50	5	9
6224545	6254721	.13	83	.2	.5	.15	.16	2	3	405	3	7	6	.02	2.7	2.7	.5	2.7	60	.1	.2	1.5	616	1.1	28	.2	10	.2	27	50	7	11
6224546	6254722	.56	290	.2	.5	.66	.64	7	29	814	5	12	21	.02	7.8	7.7	.5	7.8	163	.7	.9	4.3	1300	2.5	65	.2	41	3.6	99	50	22	7
6224547	6254723	.13	71	.2	.5	.08	.07	2	5	469	8	2	1	.02	2.9	3.0	.5	4.7	41	.1	.7	1.8	460	1.8	38	.2	28	2.3	33	50	5	8
6224548	6254724	.18	109	.2	.5	.36	.37	4	5	563	3	2	11	.02	4.4	4.4	.5	4.0	87	.1	.2	2.3	1181	1.5	32	.2	12	.8	15	50	13	8
6224549	6254725	.26	148	.2	.5	.31	.32	4	6	727	3	9	16	.02	4.2	4.3	.5	3.8	83	.4	.2	2.5	1075	1.5	36	.2	12	1.2	35	50	16	8
6224551	6254726	.24	260	.2	.5	.29	.30	5	6	1068	4	10	12	.02	4.2	4.4	.5	4.0	82	.2	.2	2.5	1058	1.7	44	.2	13	1.6	30	50	13	8
6224552	6254727	.53	329	.2	.5	1.00	1.08	7	11	534	13	26	28	.10	6.5	6.8	.5	5.5	230	.4	.7	6.6	2062	1.6	34	.2	16	1.9	41	290	42	8
6224553	6254728	.77	487	.2	.5	1.30	1.36	7	19	632	9	37	31	.02	11.4	9.1	.5	7.8	282	1.1	.9	10.1	2706	1.5	52	.2	18	2.0	45	300	29	11
6224554	6254729	.52	322	.2	.5	.65	.74	5	17	586	5	21	17	.02	6.3	6.8	.5	5.4	178	.1	.6	4.6	1628	1.6	53	.2	17	1.5	64	50	22	11
6224555	6254730	1.13	992	.6	.5	1.30	1.33	11	48	1103	8	29	37	.02	12.8	12.5	.5	7.1	275	.6	.8	7.5	2731	2.1	85	.2	20	2.5	104	390	37	12
6224556	6254731	.78	474	.2	.5	1.10	1.19	9	21	584	9	29	30	.02	10.0	9.4	.5	5.3	249	.8	.6	6.1	2885	1.4	65	.2	14	1.9	53	260	35	13
6224557	6254732	.68	476	.2	.5	1.30	1.34	8	18	542	10	28	34	.10	9.2	9.0	.5	5.2	271	.4	.5	5.8	2523	1.3	63	.2	15	2.3	58	200	41	11
6224558	6254733	.53	324	.2	.5	.65	.69	6	13	555	9	16	21	.02	7.4	7.3	.5	6.7	174	.1	.7	5.9	2102	1.8	62	.2	19	2.1	43	50	24	9
6224559	6254734	.26	135	.2	1.0	.41	.40	3	10	558	3	9	13	.02	4.2	4.2	.5	2.8	111	.3	.2	2.7	1003	.7	40	.2	11	1.0	46	50	15	7
6224561	6254735	.69	448	.2	.5	1.30	1.21	7	21	624	9	32	32	.02	10.0	8.7	.5	5.5	269	.7	.5	6.0	2323	1.2	54	.2	14	1.7	52	50	29	10
6224562	6254736	.21	140	.2	.5	.25	.26	4	7	898	2	15	11	.02	3.4	3.8	.5	3.6	80	.3	.2	1.9	822	1.4	42	.2	12	.9	42	50	10	10
6224563	6254737	.67	441	1.1	.5	1.50	1.41	8	21	698	8	37	37	.02	10.0	9.3	.5	6.1	295	.6	.7	5.9	2155	1.5	51	.2	20	2.4	56	50	33	9

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224564	6254738	.25	149	.2	.5	.29	.30	4	6	499	2	2	9	.02	3.9	4.2	.5	3.4	87	.5	.2	2.2	978	.8	48	.2	11	.2	48	240	13	9
6224565	6254739	.79	522	.7	.5	2.00	1.88	10	19	781	10	49	53	.02	11.8	11.1	.5	7.4	372	.7	.9	7.9	3145	1.8	51	.2	22	2.8	46	370	56	9
6224566	6254740	.20	162	.7	.5	.21	.18	5	17	595	3	2	8	.02	5.1	4.9	.5	6.0	75	.2	.5	3.4	683	1.7	50	.2	21	1.8	72	50	11	10
6224567	6254741	.19	184	4.0	4.0	.29	.26	5	9	1391	12	14	9	.02	4.6	4.4	.5	5.2	103	.2	.6	2.8	1159	2.1	105	.2	17	1.4	43	50	12	13
6224568	6254742	.32	334	1.1	.5	.23	.20	20	45	1860	10	8	15	.02	5.1	5.9	.5	4.4	55	.1	.2	1.9	636	3.0	59	.2	20	2.1	79	50	15	12
6224569	6254743	.47	340	.2	.5	.63	.53	7	19	579	7	12	16	.02	10.0	7.3	.5	5.2	127	.4	.6	7.2	2477	1.4	56	.2	13	2.1	46	50	21	14
6224571	6254744	.25	131	.2	.5	.33	.38	3	3	421	3	12	13	.02	2.9	3.5	.5	2.4	96	.1	.2	2.1	862	.8	24	.2	8	.9	28	50	11	13
6224572	6254745	.54	371	.2	.5	.91	.89	9	19	701	9	25	29	.02	6.9	7.3	.5	4.3	201	.4	.5	4.5	1942	1.4	77	.2	12	1.4	67	50	32	12
6224573	6254746	.21	153	.2	.5	.25	.24	5	18	416	3	9	9	.02	4.4	4.9	.5	5.0	83	.1	.5	3.0	792	1.3	36	.2	18	1.7	66	140	12	10
6224574	6254747	.15	87	.2	.5	.15	.16	2	3	411	3	6	7	.02	2.1	2.5	.5	2.1	57	.1	.2	1.5	563	.6	34	.2	6	.7	29	50	7	11
6224575	6254748	.34	204	.2	.5	.68	.72	4	8	407	5	15	16	.02	4.7	5.1	.5	3.4	164	.4	.2	2.9	1136	.8	34	.2	11	1.3	46	50	20	11
6224576	6254749	.29	158	.2	.5	.40	.40	3	7	838	3	9	15	.02	4.1	4.3	.5	3.3	108	.2	.2	2.4	1030	1.4	47	.2	10	1.2	40	50	14	10
6224577	6254750	.08	40	.2	.5	.07	.07	1	1	212	2	2	1	.02	1.5	1.7	.5	1.9	37	.1	.2	.6	292	.5	14	.2	6	.2	22	50	2	12
6224578	6254751	.52	320	.2	.5	.93	.93	6	15	459	7	30	28	.02	7.4	7.3	.5	4.2	217	.3	.2	4.0	1840	1.8	55	.2	13	1.7	53	270	30	8
6224579	6254752	.30	178	.2	.5	.55	.53	4	17	526	3	16	17	.02	5.6	5.7	.5	4.6	139	.3	.5	3.5	1126	.9	38	.2	17	1.9	69	50	19	8
6224581	6254753	.43	243	.2	.5	.65	.69	5	11	625	7	16	20	.02	5.3	5.9	.5	3.6	158	.1	.2	3.1	1606	.7	26	.2	11	1.2	40	50	20	10
6224582	6254754	.88	572	.2	.5	1.60	1.92	8	19	674	11	43	48	.02	10.2	11.0	.5	6.7	386	.7	.9	7.5	2772	1.3	56	.2	18	2.0	50	410	48	12
6224583	6254755	.16	110	.2	.5	.16	.18	2	6	489	3	6	9	.02	2.4	3.0	.5	2.6	63	.1	.2	1.6	643	.8	38	.2	8	.2	30	50	7	10
6224584	6254756	.54	351	.2	.5	1.30	1.31	5	10	604	14	28	33	.02	7.2	7.4	.5	4.7	279	.4	.5	5.0	1966	1.0	35	.2	12	1.8	33	190	35	12
6224585	6254757	.33	227	.2	.5	.52	.51	4	11	683	4	12	15	.02	4.6	4.9	.5	3.6	131	.1	.2	2.8	1208	1.2	40	.2	11	1.2	57	50	17	13
6224586	6254758	.34	236	.2	.5	.55	.55	4	13	663	4	12	16	.02	4.8	5.1	.5	3.8	139	.1	.2	3.0	1174	1.2	39	.2	12	1.3	57	50	18	13
6224587	6254759	.62	366	2.3	3.0	1.10	1.11	7	26	654	7	28	35	.02	8.1	8.0	.5	5.1	264	.5	.7	4.6	1768	2.3	43	.2	16	1.9	71	50	27	13
6224588	6254760	.18	123	.2	.5	.18	.18	3	10	880	2	7	6	.02	3.2	3.6	.5	3.9	74	.1	.2	2.2	667	2.0	41	.2	13	1.1	44	50	8	11
6224589	6254761	.25	175	.2	.5	.28	.26	4	12	834	2	10	11	.02	3.8	4.1	.5	3.7	86	.1	.2	2.7	750	1.7	45	.2	12	1.3	55	50	11	11
6224591	6254762	.21	230	.2	.5	.24	.21	5	18	608	3	8	10	.02	4.0	4.2	.5	3.2	77	.1	.2	2.2	659	2.3	69	.2	11	1.4	78	50	11	11
6224592	6254763	.11	68	.2	.5	.10	.09	2	5	517	3	2	4	.02	2.4	2.8	.5	3.1	52	.1	.2	1.3	441	1.8	35	.2	11	1.2	28	50	5	11
6224593	6254764	.96	522	.2	.5	1.70	1.84	9	25	752	11	61	65	.02	9.3	11.1	.5	6.2	374	.7	.8	6.6	2496	2.3	49	.2	17	1.7	60	250	42	12
	6274765																															11
6224595	6254766	.30	289	.2	.5	.40	.39	8	33	1375	5	10	16	.02	7.8	8.8	.5	15.9	106	.2	2.4	7.6	787	10.1	74	.2	101	9.2	111	260	24	11
6224596	6254767	.70	666	.2	.5	1.80	2.00	7	15	542	15	41	48	.02	10.1	8.2	.5	6.8	404	.6	.8	9.2	2148	2.1	36	.2	18	2.7	39	290	38	8
6224597	6254768	.22	92	.2	2.0	.22	.22	4	12	530	3	7	8	.02	4.2	4.6	.5	6.5	95	.1	.8	3.0	734	2.1	48	.2	26	2.5	76	50	11	8
6224598	6254769	.18	102	.2	.5	.17	.18	3	10	424	3	6	6	.02	3.4	3.6	.5	3.9	70	.1	.2	2.1	615	1.2	31	.2	18	1.6	47	50	10	7
6224599	6254770	.13	57	.2	.5	.13	.15	2	3	438	2	6	8	.02	2.2	2.5	.5	2.7	57	.1	.2	1.7	652	1.7	29	.2	11	.9	23	50	7	9
6224601	6254771	.05	20	.2	1.0	.02	.04	1	3	156	1	2	1	.02	.8	.8	.5	1.0	38	.1	.2	.4	106	.9	5	.2	5	.2	12	50	1	10
6224602	6254772	.08	47	.2	.5	.02	.05	1	5	260	2	2	1	.02	1.2	1.4	.5	1.3	51	.1	.2	.6	144	.3	14	.2	5	.2	32	50	2	10
6224603	6254773	.35	178	.2	.5	.77	.75	4	9	467	5	26	23	.02	3.8	4.4	.5	3.3	166	.2	.2	2.8	902	.9	27	.2	11	1.0	70	50	15	6
6224604	6254774	.94	641	.2	.5	1.30	1.72	8	20	610	20	44	48	.20	10.0	10.4	.5	8.6	356	.8	1.0	12.0	3002	1.9	54	.2	17	2.0	50	290	45	11
6224605	6254775	.54	342	.2	.5	.71	.82	7	11	571	14	20	26	.02	6.4	7.5	.5	5.3	195	.5	.6	6.0	2702	3.3	77	.2	13	1.7	36	320	32	16
	6274776																															11
6224607	6254777	.16	91	.2	1.0	.17	.19	2	4	624	3	2	6	.02	5.2	6.3	.5	4.2	98	.1	.2	2.2	895	2.1	22	.2	20	1.7	38	130	10	6
6224608	6254778	.10	58	.2	.5	.09	.12	1	3	336	4	6	7	.02	1.5	1.7	.5	1.2	47	.1	.2	1.0	556	2.2	23	.2	4	.2	11	50	5	13
6224609	6254779	.36	323	.2	.5	.65	.64	5	8	322	8	18	20	.02	5.9	6.2	.5	5.1	149	.4	.5	4.8	1527	5.5	59	.2	15	1.7	41	240	25	15
6224611	6254780	.06	52	.2	.5	.05	.05	3	7	831	1	2	2	.02	1.6	1.9	.5	1.2	34	.1	.2	.7	164	.1	22	.2	6	.7	51	50	3	6
6224612	6254781	.05	20	.2	.5	.02	.05	1	2	215	3	2	5	.02	1.4	1.6	.5	1.2	28	.1	.2	.8	231	.2	24	.2	4	.2	42	50	2	9
6224613	6254782	.09	40	.2	.5	.11	.11	1	5	182	2	2	3	.02	1.1	1.1	.5	.8	44	.1	.2	.7	310	.3	13	.2	3	.2	15	50	4	10
6224614	6254783	.42	263	.2	2.0	1.00	.90	5	19	509	7	24	23	.02	6.4	5.5	.5	5.2	235	.1	.6	6.4	1261	3.6	38	.2	14	2.2	53	200	19	12
6224615	6254784	.34	199	.2	.5	.63	.66	4	13	488	5	22	23	.02	4.9	5.3	.5	4.0	164	.1	.2	3.1	1117	1.4	32	.2	13	1.6	55	160	20	11
6224616	6254785	.07	28	.2	.5	.02	.04	1	4	283	1	2	4	.02	1.4	1.7	.5	1.6	57	.1	.2	.6	205	5.5	17	.2	7	.2	34	50	2	10
6224617	6254786	.09	35	.2	1.0	.06	.06	1	2	310	2	2	5	.02	1.7	2.0	.5	1.9	59	.1	.2	.9	260	5.3	16	.2	8	.2	37	50	2	10
6224618	6254787	.29	153	.2	.5	.43	.44	4	9	503	6	17	18	.02	4.8	5.3	.5	3.6	121	.2	.2	3.2	1246	1.2	28	.2	14	1.6	48	170	19	5
6224619	6254788	.38	332	.2	2.0	.48	.45	7	15	1985	4	18	23	.02	6.8	7.0	.5	6.5	125	.3	.8	4.3	1680	6.0	111	.2	21	2.1	63	50	20	12
6224621	6254789	.27	350	.2	.5	.34	.32	7	12	1678	3	11	14	.02	6.4	6.6	.5	5.9	109	.4	.8	3.2	1721	6.7	108	.2	19	2.0	65	50	16	10
6224622	6254790	.37	281	.2	.5	.51	.51	5	11	833	4	17	20	.02	5.4	5.4	.5	4.0	125	.3	.2	4.1	1531	2.4	51	.2	11	1.6	45	50	22	12
6224623	6254791	1.03	607	.2	.5	1.60	1.62	11	26	750	12	43	48	.02	13.9	12.7	.5	9.1	325	.9	1.1	13.3	4944	4.4	52	.2	16	3.2	81	390	48	6
6224624	6254792	.22	86	.2	2.0	.23	.22	2	4	317	3	7	12	.02	2.2	2.4	.5	1.6	79	.1	.2	1.9	723	4.2	30	.2	5	.7	18	50	8	16
6224625	6254793	.29	183	.2	.5	.33	.31	4	14	878	3	13	14	.02	4.2	5.0	.5	4.6	84	.3	.5	3.1	1216	3.4	68	.2	15	1.4	47	50	16	9
6224626	6254794	.21	140	.2	.5	.27	.28	3	3	698	3	8	11	.02	3.4	3.9	.5	4.8	87	.1	.2	2.7	758	2.6	43	.2	16	1.4	41	50	13	8
6224627	6254795	.11	82	.2	.5	.12	.13	2	4	427	2	2	6	.02	2.1	2.7	.5	3.2	70	.1	.2	1.6	535	3.3	20	.2	11	1.2	22	50	6	10
6224628	6254796	.08	61	.2	3.0	.02	.05	1	3	497	1	2	2	.02	1.6	2.4	.5	1.4	42	.1	.2	.9	305	2.8	55	.2	7	.2	67	50	4	10
6224629	6254797	.07	56	.2	.5	.08	.08	2	3	801	2	2	4	.02	1.8	2.1	.5	1.8	42	.1	.2	1.0	438	11.4	24	.2	7	.8	30	50	4	9
6224631	6254798	.37	298	.2	.5	.39	.41	7	16	1162	4	16	17	.02	5.8	6.5	.5	5.3	97	.3	.6	4.0	1387	3.6	81	.2	17	1.7	66	50	19	9
6224632	6254799	.46	360	.2	.5	.57	.56	8	22	1208	5	25	24	.02	7.5	8.0	.5	6.8	128	.4	.7	5.4	1530	4.3	88	.2	21	2.0	78	240	25	9
6224633	6254800	.06	43	.2	.5	.02	.04	1	3	420	3	2	1	.02	2.3	2.7	.5	1.4	34	.1	.2	1.1	314	4.7	15	.2	6	.5	7	50	3	10
	6274801																															9
6224635	6254802	.57	355	.2	.5	1.00	.90	7	12	580	9	27	25	.02	9.2	8.2	.5	7.3	225	.8	.8	8.6	2862	10.2	57	.2	18	2.5	39	50	32	11
6224636	6254803	.16	103	.2	.5	.19	.19	3	5	699	2	8	4	.02	2.9	3.3	.5	2.6	77	.1	.2	1.8	801	15.4	44	.2	10	.8	33	50	9	9
6224637	6254804	.24	143	.2	.5	.34	.35	4	4	572	4	10	14	.02	3.4	3.9	.5	2.6	97	.4	.2	2.6	1428	5.9	35	.2	8	1.0	24	50	15	10
	6274805																															13

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224639	6254806	.23	156	.2	.5	.56	.59	4	3	512	7	27	24	.02	4.2	4.7	.5	2.2	129	.3	.2	3.7	1748	.6	15	.2	7	.9	25	200	27	5
6224641	6254807	.08	52	.2	.5	.09	.10	2	4	820	1	2	6	.02	1.7	2.5	.5	2.3	43	.1	.2	1.3	414	1.3	22	.2	8	.7	30	50	4	8
6224642	6254808	.07	42	.2	.5	.02	.05	2	10	406	2	2	4	.02	2.3	2.6	.5	3.0	40	.1	.2	1.1	250	.3	23	.2	12	.8	30	50	3	7
6224643	6254809	.76	648	.2	.5	1.60	1.51	9	17	785	20	42	47	.02	12.6	9.0	.5	11.4	311	1.0	1.3	16.6	2859	2.6	59	.2	22	3.6	56	450	43	9
6224644	6254810	.81	611	.2	.5	1.50	1.56	9	21	839	14	46	41	.02	11.6	9.5	.5	11.4	317	.8	1.4	14.9	2623	3.2	68	.2	29	4.2	67	380	47	12
6224645	6254811	.65	539	.2	.5	1.90	2.07	6	9	567	15	44	51	.02	9.4	8.0	.5	9.2	393	.6	1.1	13.0	2042	2.2	31	.2	20	3.4	35	270	49	9
6224646	6254812	.33	241	.2	.5	.47	.43	5	8	1023	3	14	17	.02	6.0	6.3	.5	7.9	113	.3	.8	4.7	1239	4.8	52	.2	23	2.1	56	50	19	8
6224647	6254813	.19	106	.2	.5	.27	.25	3	3	488	4	6	7	.02	3.3	3.9	.5	3.9	73	.1	.2	2.5	948	1.7	24	.2	11	.7	25	50	12	7
	6274814																															7
6224649	6254815	.74	606	.2	.5	1.80	1.84	8	11	618	13	43	44	.02	12.2	11.0	.5	8.0	375	.6	1.0	10.4	2895	2.0	53	.2	20	3.0	39	390	50	9
6224651	6254816	.05	31	.2	.5	.02	.05	1	1	288	2	2	4	.02	1.6	2.1	.5	2.3	32	.1	.2	1.1	338	2.7	12	.2	9	.2	10	50	3	9
6224652	6254817	.45	312	.2	.5	1.30	1.22	5	5	570	13	34	29	.02	6.1	6.1	.5	5.7	255	.5	.7	7.4	2047	2.3	24	.2	12	1.8	22	320	34	10
6224653	6254818	.06	18	.2	.5	.02	.03	1	1	221	2	2	1	.02	.7	.9	.5	.9	39	.1	.2	.4	120	2.5	17	.2	4	.2	20	50	1	8
6224654	6254819	.19	153	.2	.5	.57	.60	4	2	576	5	19	20	.02	4.6	5.3	.5	3.3	130	.1	.2	3.9	1577	1.6	24	.2	11	1.3	13	120	27	7
6224655	6254820	.07	50	.2	.5	.09	.09	1	5	385	2	2	1	.02	1.6	1.7	.5	1.3	58	.1	.2	1.4	328	.5	17	.2	5	.7	19	50	6	7
6224656	6254821	.07	40	.2	.5	.06	.05	1	4	397	4	2	1	.02	1.5	1.8	.5	1.4	44	.1	.2	1.0	198	.7	17	.2	7	.6	12	50	3	5
6224657	6254822	.75	531	2.1	2.0	1.90	1.82	8	20	952	12	52	55	.02	11.6	9.8	.5	8.8	364	.5	1.1	10.8	2363	15.1	44	.2	24	3.4	60	370	31	7
6224658	6254823	.42	276	.2	.5	1.00	.94	6	4	616	7	26	27	.02	5.8	5.8	.5	4.1	231	.3	.2	5.0	2053	4.5	25	.2	11	1.2	26	50	47	17
6224659	6254824	.21	126	.2	.5	.25	.23	3	2	1688	2	8	11	.02	3.5	3.8	.5	3.4	81	.1	.2	2.4	952	9.4	34	1.0	11	.9	22	50	10	11
6224661	6254825	.43	274	.2	.5	.70	.68	6	9	1024	5	23	26	.02	6.8	6.9	.5	7.2	180	.3	.7	4.9	1595	3.7	45	.2	20	2.1	73	300	24	9
6224662	6254826	.40	261	.2	.5	.55	.57	7	27	1367	4	18	20	.02	7.9	8.9	.5	9.3	170	.1	1.1	5.9	1512	6.3	66	.2	37	3.0	101	50	26	9
6224663	6254827	.18	110	.2	.5	.22	.22	4	4	1939	1	7	8	.02	4.7	5.1	.5	5.0	86	.2	.5	2.6	1112	3.3	36	.2	16	1.6	29	50	10	9
6224664	6254828	.15	101	.2	.5	.17	.19	3	2	1803	2	8	7	.02	3.6	4.3	.5	4.2	73	.1	.2	2.3	953	2.8	33	.2	13	.2	26	50	9	9
6224665	6254829	.34	1914	.2	.5	.48	.52	9	35	1600	6	18	16	.02	7.1	9.2	.5	10.6	124	.3	1.2	6.8	1327	7.4	96	.2	35	2.4	114	50	26	8
6224666	6254830	.17	98	.2	.5	.21	.23	3	3	474	4	7	9	.02	2.6	3.2	.5	4.0	79	.1	.2	2.2	942	3.4	39	.2	11	.9	24	50	10	12
6224667	6254831	.20	134	.2	.5	.40	.42	3	4	386	5	15	11	.02	3.0	3.4	.5	3.1	102	.1	.2	3.1	1125	1.7	15	.2	8	.9	17	50	17	12
	6274832																															13
6224669	6254833	.11	94	.2	.5	.12	.12	2	1	586	2	2	3	.02	2.9	3.4	.5	4.5	63	.1	.2	2.4	535	1.7	28	.2	12	.9	31	50	7	14
6224671	6254834	.44	440	.2	.5	.74	.71	7	21	681	5	24	26	.02	7.1	7.4	.5	6.9	164	.3	.8	5.7	1490	2.3	62	.2	20	2.4	88	210	28	11
6224672	6254835	.17	110	.2	.5	.19	.18	3	7	596	6	6	1	.02	3.3	3.7	.5	3.0	62	.1	.2	2.2	524	.7	24	.2	13	1.1	104	50	9	18
6224673	6254836	.67	459	.2	.5	1.20	1.18	7	12	743	9	36	41	.02	8.5	8.1	.5	7.6	250	.5	.9	8.4	2034	2.7	44	.2	18	2.7	60	430	41	12
6224674	6254837	.83	580	.2	.5	1.70	1.77	7	16	828	15	45	52	.02	10.5	9.5	.5	9.0	352	.6	1.0	12.0	2699	2.2	42	.2	23	3.1	46	470	49	12
6224675	6254838	.49	348	.2	.5	.93	.91	7	12	911	7	24	30	.02	7.3	7.7	.5	7.7	205	.5	.9	6.5	1929	3.0	44	.2	20	2.1	57	190	35	11
6224676	6254839	.24	140	.2	.5	.26	.24	3	7	1159	1	10	10	.02	4.4	4.7	.5	4.7	114	.1	.5	3.1	952	1.5	35	.2	14	1.3	40	50	12	7
6224677	6254840	.38	254	.2	.5	.75	.72	6	14	635	6	23	22	.02	5.7	6.4	.5	6.1	173	.3	.6	4.7	1475	2.8	35	.2	17	1.7	59	190	23	9
6224678	6254841	.19	115	.2	.5	.19	.19	3	4	544	2	8	5	.02	3.6	4.4	.5	4.6	66	.2	.2	3.0	1014	2.6	37	.2	13	1.0	28	50	10	8
6224679	6254842	.16	163	.2	.5	.19	.16	4	8	1624	1	7	9	.02	5.5	5.6	.5	6.3	86	.2	.8	2.8	1020	12.0	72	.2	20	1.5	54	50	9	9
6224681	6254843	.11	61	.2	.5	.10	.12	2	1	609	2	6	4	.02	2.0	2.5	.5	2.3	37	.1	.2	1.6	548	6.7	19	.2	7	.6	11	50	6	9
6224682	6254844	.14	350	2.1	.5	.10	.10	3	4	1754	1	2	3	.02	4.4	5.2	.5	8.1	64	.1	1.0	3.8	604	41.5	60	.2	28	1.9	55	50	7	14
6224683	6254845	.10	76	.2	.5	.07	.05	2	4	804	1	2	4	.02	3.5	4.0	.5	4.7	52	.1	.6	1.5	376	10.8	32	.2	18	1.6	24	50	3	7
6224684	6254846	.09	50	.2	.5	.02	.03	2	2	836	1	2	3	.02	3.2	3.4	.5	3.7	52	.1	.2	1.2	289	15.8	41	.2	14	1.2	54	50	2	10
6224685	6254847	.10	58	.2	.5	.09	.08	2	4	472	2	2	3	.02	2.9	3.1	.5	3.3	48	.1	.2	1.5	534	8.5	24	.2	11	1.0	25	50	5	6
6224686	6254848	.14	118	.2	.5	.18	.17	3	7	1515	1	2	6	.02	4.3	4.4	.5	5.2	74	.3	.6	2.7	791	10.3	41	.2	16	1.4	40	50	9	7
6224687	6254849	.27	151	.2	.5	.44	.44	5	3	1802	5	13	18	.02	4.8	5.2	.5	4.9	118	.4	.5	3.9	1560	6.6	50	.2	13	1.3	24	260	18	11
6224688	6254850	.06	38	.2	.5	.07	.07	2	2	680	2	2	3	.02	2.0	2.3	.5	3.4	26	.2	.2	1.5	503	10.1	28	.2	10	1.1	6	50	4	9
	6274851																															9
6224691	6254852	.07	44	.2	.5	.10	.09	2	3	445	2	2	5	.02	2.3	2.9	.5	2.9	54	.1	.2	1.7	438	4.2	14	.2	8	.7	11	50	5	10
6224692	6254853	.07	40	.2	.5	.09	.08	2	6	569	2	2	4	.02	3.1	3.6	.5	3.2	39	.1	.2	1.7	436	3.2	25	.2	12	1.0	19	50	5	8
6224693	6254854	.17	58	.2	.5	.11	.11	1	1	302	2	2	4	.02	1.7	2.1	.5	1.4	42	.1	.2	1.5	491	2.2	17	.2	4	.2	9	50	5	10
6224694	6254855	.19	68	.2	.5	.13	.13	2	4	327	2	2	1	.02	2.0	2.3	.5	1.7	46	.1	.2	1.4	573	2.2	21	.2	5	.2	10	50	6	10
6224695	6254856	.05	35	.2	.5	.02	.04	2	8	668	1	2	3	.02	3.4	3.6	.5	3.1	25	.1	.2	1.6	255	10.1	26	.2	13	.8	23	50	3	5
6224696	6254857	.13	68	.2	.5	.23	.22	2	1	349	3	8	6	.02	1.8	2.1	.5	1.6	65	.1	.2	1.8	655	7.2	13	.2	5	.2	8	50	8	12
6224697	6254858	.34	219	.2	.5	.75	.67	4	3	630	6	22	20	.02	4.9	5.1	.5	3.4	152	.4	.2	4.1	1395	10.0	23	.2	9	1.3	26	240	21	9
6224698	6254859	.13	86	.2	.5	.14	.13	3	3	1004	1	2	6	.02	3.9	4.4	.5	5.0	54	.1	.5	2.7	682	7.2	45	.2	16	.9	22	50	7	8
6224699	6254860	.72	556	.2	.5	1.50	1.35	10	21	1913	9	44	45	.02	12.1	11.5	.5	11.3	284	.5	1.2	10.5	2539	20.5	68	.2	32	4.1	65	330	48	7
6224701	6254861	.14	114	1.8	.5	.13	.11	3	7	3199	6	7	5	.02	4.9	5.1	.5	9.3	222	.2	.9	3.4	933	18.3	86	.2	26	2.0	61	50	5	12
6224702	6254862	.22	151	.2	.5	.19	.19	4	7	2396	4	7	7	.02	4.8	5.9	.5	8.9	146	.3	1.1	3.8	1228	23.5	97	.2	29	1.7	49	50	11	12
6224703	6254863	.11	50	.2	.5	.05	.06	1	2	761	1	2	2	.02	2.2	2.8	.5	4.1	51	.1	.2	1.5	377	11.2	29	.2	13	.8	42	50	3	11
6224704	6254864	.61	450	.2	.5	1.10	1.25	8	9	885	13	33	45	.02	8.0	8.5	.5	8.8	263	.6	1.0	11.1	2883	11.9	51	.2	19	2.3	40	230	42	12
6224705	6254865	.12	95	.2	.5	.08	.07	2	6	961	1	2	4	.02	3.8	4.1	.5	5.6	48	.1	.7	2.5	480	16.1	51	.2	18	1.4	54	130	5	18
6224706	6254866	.20	141	.2	.5	.26	.26	3	2	628	2	8	7	.02	3.1	3.6	.5	3.3	78	.1	.2	2.5	758	23.4	36	.2	11	.6	38	50	9	16
6224707	6254867	.20	142	.2	.5	.11	.11	2	4	1114	1	2	7	.02	3.6	4.2	.5	3.5	132	.1	.8	3.2	452	133.0	39	1.0	27	1.8	79	50	5	58
6224708	6254868	.41	286	.2	.5	.58	.61	5	9	839	4	19	21	.02	6.0	6.4	.5	6.6	147	.1	.6	4.8	1544	3.1	45	.2	18	1.8	56	50	25	11
6224709	6254869	.36	479	.2	.5	.41	.46	6	12	1630	3	17	22	.02	6.1	7.5	.5	7.6	119	.1	.8	4.8	1385	11.5	66	.2	26	1.8	72	170	18	12
6224711	6254870	.31	403	.2	.5	.41	.34	6	10	1662	2	13	17	.02	7.3	7.1	.5	10.4	102	.2	1.2	6.1	1325	15.9	65	.2	28	2.5	67	50	14	12
6224712	6254871	.28	172	.2	.5	.40	.41	4	6	532	5	10	13	.02	4.8	5.2	.5	6.2	116	.1	.7	4.2	1057	2.5	23	.2	15	1.3	51	170	15	11
6224713	6254872	.13	131	.2	.5	.13	.11	6	15	1930	2	2	6	.02	5.9	6.9	.5	5.7	68	.1	.8	2.7	656	32.0	58	.2	25	2.0	64	50	7	7
6224714	6254873	.21	116	.2	.5	.23	.21	3	8	638	4	7	8	.02	5.1	5.3	.5	8.0	81	.1	.9	5.0	854	3.7	23	.2	22	2.0	45	50	10	10

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224715	6254874	.21	137	.2	.5	.31	.32	3	3	472	3	10	8	.02	3.7	4.1	.5	5.1	89	.1	.5	3.6	956	3.2	22	.2	13	.9	40	50	13	12
6224716	6254875	.20	132	.2	.5	.25	.24	3	7	615	2	12	5	.02	5.3	5.7	.5	8.6	99	.1	.9	4.8	824	3.3	34	.2	23	2.2	64	50	12	9
6224717	6254876	.19	118	.2	.5	.36	.37	2	2	409	5	10	14	.02	3.0	3.5	.5	3.4	94	.2	.2	3.3	803	1.8	22	.2	10	.7	21	50	13	11
6224718	6254877	.31	191	.2	.5	.54	.54	5	9	489	4	17	17	.02	5.5	5.7	.5	6.5	138	.1	.8	4.7	1206	1.7	38	.2	17	2.0	49	190	20	11
6224719	6254878	.38	219	.2	.5	.59	.56	5	27	566	5	22	23	.02	6.7	7.0	.5	6.6	141	.3	.6	5.1	1243	1.5	43	.2	21	2.1	63	50	20	6
6224721	6254879	.20	114	.2	.5	.22	.20	3	10	814	1	2	9	.02	6.4	6.8	.5	8.7	102	.1	1.0	5.8	735	2.7	43	.2	29	2.5	50	50	11	9
6224722	6254880	.18	106	.2	.5	.18	.18	3	10	774	1	13	10	.02	5.4	6.4	.5	6.9	101	.1	.8	4.1	736	2.3	43	.2	25	2.2	48	50	10	9
6224723	6254881	1.06	595	.2	.5	1.80	1.76	10	19	986	15	60	67	.02	11.8	11.2	.5	6.9	347	.8	.8	9.0	2869	11.3	50	.2	17	2.6	61	250	40	16
6224724	6254882	.42	596	.2	.5	.83	.83	5	7	901	16	20	22	.02	6.5	6.7	.5	6.9	188	.1	.8	6.4	1675	7.4	46	.2	17	1.3	51	50	28	14
6224725	6254883	.28	791	.2	1.0	.36	.38	6	20	1966	4	8	15	.02	7.3	9.5	.5	17.8	101	.1	2.0	9.5	1092	26.1	108	.2	54	3.7	134	50	18	12
6224726	6254884	.10	45	4.0	2.0	.14	.14	1	2	546	2	7	6	.10	1.9	2.2	.5	.4	43	.1	.2	1.4	584	64.7	32	.2	6	.8	29	50	5	11
6224727	6254885	.10	36	.2	.5	.06	.06	1	1	666	1	2	3	.02	2.0	2.6	.5	2.1	41	.1	.2	1.1	378	39.3	37	.2	9	.2	28	50	2	10
6224728	6254886	.56	456	.2	.5	1.00	1.06	7	7	757	9	35	41	.02	8.2	8.2	.5	9.4	239	.3	1.0	8.5	2268	14.2	45	.2	24	2.5	47	220	29	26
6224729	6254887	.35	210	.2	.5	.52	.55	4	5	525	5	21	19	.02	4.7	5.3	.5	5.5	130	.3	.6	4.4	1366	26.0	26	.2	15	1.2	44	50	17	39
6224731	6254888	.79	557	.2	.5	1.60	1.66	9	13	1144	13	45	55	.02	12.0	11.2	.5	9.5	341	.6	1.2	11.1	3189	17.8	43	.2	22	3.0	57	420	56	20
6224732	6254889	.67	423	.2	.5	1.90	1.91	9	8	850	18	68	71	.02	10.0	8.4	.5	5.9	368	.9	.8	9.0	2918	26.4	31	.2	13	2.0	47	320	37	13
6224733	6254890	.31	278	1.9	.5	.43	.39	5	5	1565	3	15	18	.02	6.5	6.5	.5	7.2	116	.4	.8	5.2	1576	33.3	65	.2	21	2.0	35	50	16	9
6224734	6254891	.41	478	.2	.5	.88	.63	8	19	1621	5	25	26	.02	11.7	9.2	.5	10.9	142	.3	1.5	10.9	1420	109.0	72	.2	35	4.0	75	50	26	8
6224735	6254892	.44	3612	3.1	.5	.80	.75	14	45	2349	8	26	31	.02	10.1	11.3	.5	10.6	170	.4	1.4	9.0	1479	60.7	74	.2	42	3.8	108	50	33	8
6224736	6254893	.19	458	.2	.5	.22	.22	5	12	1331	1	9	12	.02	6.0	7.6	.5	10.0	75	.1	1.2	6.0	856	69.1	78	.2	35	2.3	83	50	11	8
6224737	6254894	.04	39	.2	.5	.02	.04	2	2	598	2	2	1	.02	2.8	3.3	.5	1.7	34	.1	.2	1.8	318	4.7	19	.2	8	.2	13	50	2	8
6224738	6254895	.25	2013	.2	.5	.32	.33	11	39	2314	5	11	15	.02	7.0	8.5	.5	7.8	95	.2	.9	5.1	1077	26.1	88	.2	30	2.6	112	50	17	9
6224739	6254896	.36	375	3.3	.5	.34	.39	7	16	2329	3	11	18	.02	7.1	9.0	.5	8.5	150	.1	1.0	5.2	1419	47.2	128	.2	37	2.9	78	50	17	9
6224741	6254897	.29	377	3.0	.5	.35	.41	7	15	1959	4	12	18	.02	5.8	8.3	.5	6.6	123	.3	.8	4.5	1332	43.4	111	.2	31	2.0	87	50	17	9
6224742	6254898	.08	77	.2	.5	.08	.08	1	2	371	1	2	4	.02	1.8	2.3	.5	2.6	61	.1	.2	1.3	384	10.3	17	.2	8	.9	23	50	4	8
	6274899																															10
	6274900																															10
6224745	6254901	.16	118	.2	.5	.17	.19	3	1	286	3	12	13	.02	2.3	2.8	.5	3.0	57	.2	.2	3.8	741	16.6	11	.2	10	1.1	21	50	9	20
6224746	6254902	.06	58	.2	.5	.02	.04	1	1	420	1	2	4	.02	1.9	2.3	.5	1.8	27	.1	.2	1.6	170	4.8	14	.2	7	.2	20	50	2	13
6224747	6254903	.58	445	.2	.5	1.00	.95	9	10	1740	7	37	45	.02	10.0	9.7	.5	11.1	208	.4	1.1	9.4	2676	22.1	72	.2	28	2.4	78	50	28	13
6224748	6254904	.53	300	.2	.5	.72	.62	7	9	1429	8	30	31	.02	8.3	7.5	.5	8.7	139	.5	1.0	8.6	2072	13.6	44	.2	17	1.9	65	50	21	19
6224749	6254905	.52	386	.2	.5	1.00	.92	7	13	1490	8	34	31	.02	8.3	8.2	.5	6.2	222	.3	.7	6.2	2446	1.8	60	.2	15	2.3	46	280	36	17
6224751	6254906	.15	153	.2	.5	.14	.13	4	7	2288	1	2	4	.02	5.7	6.1	.5	5.5	116	.1	.7	2.5	1244	1.2	86	.2	18	1.4	45	50	7	9
6224752	6254907	.19	118	.2	.5	.26	.25	2	1	515	4	10	10	.02	3.3	3.6	.5	3.0	79	.1	.2	2.2	807	.8	20	.2	8	.6	21	50	10	14
6224753	6254908	.35	477	.2	.5	.17	.15	4	12	1487	1	2	4	.02	5.9	6.1	.5	7.6	153	.1	.9	3.0	752	6.8	55	.2	23	2.0	99	50	7	26
6224754	6254909	.24	174	.2	.5	.39	.37	3	3	556	4	12	11	.02	4.7	4.6	.5	4.0	95	.3	.2	3.4	1211	18.1	34	.2	12	.9	33	50	15	11
6224755	6254910	.19	151	1.5	.5	.19	.17	4	7	1904	2	6	9	.02	6.4	6.4	.5	6.5	86	.3	.8	3.4	1385	25.1	98	.2	21	2.1	60	50	9	9
6224756	6254911	.04	26	.2	.5	.02	.03	1	5	491	2	2	1	.02	3.4	3.5	.5	1.6	25	.1	.2	1.4	252	6.6	12	.2	6	.2	12	50	2	10
6224757	6254912	.12	45	10.0	4.0	.10	.08	2	2	899	1	6	3	.02	3.9	3.9	.5	4.0	40	.1	.6	2.5	628	70.4	45	.2	17	1.4	41	50	5	9
6224758	6254913	.11	74	.2	.5	.12	.10	2	3	727	1	2	2	.02	3.0	3.3	.5	2.5	39	.1	.2	1.9	612	31.3	34	.2	11	.2	23	50	4	10
6224759	6254914	.20	179	.2	.5	.34	.33	5	8	828	3	12	11	.02	3.5	4.1	.5	2.7	88	.1	.2	2.5	1003	10.0	17	.2	9	.2	38	50	13	11
6224761	6254915	.09	59	.2	.5	.05	.05	2	3	1026	1	2	1	.02	2.5	3.5	.5	2.6	34	.1	.2	1.3	435	.6	44	.2	10	.2	48	50	3	8
6224762	6254916	.17	99	.2	2.0	.12	.11	5	19	1564	3	6	7	.02	4.1	5.0	.5	2.6	68	.1	.6	2.1	832	141.0	71	.2	22	1.5	54	50	7	13
6224763	6254917	.06	33	.2	.5	.05	.04	1	2	414	1	2	3	.02	1.8	2.2	.5	2.2	29	.1	.2	.9	283	52.1	16	.2	11	.6	24	50	2	12
6224764	6254918	.05	25	.2	.5	.05	.05	1	1	321	2	2	1	.02	1.6	1.9	.5	1.9	26	.1	.2	1.1	264	50.5	16	.2	10	.8	16	50	2	12
6224765	6254919	.27	266	.2	.5	.27	.26	5	10	1510	2	12	12	.02	4.6	4.9	.5	5.8	83	.1	.6	3.4	1173	1.1	79	.2	15	1.2	54	50	11	13
6224766	6254920	.26	224	.2	1.0	.30	.29	5	7	1801	2	11	14	.02	4.9	5.2	.5	5.3	83	.4	.6	3.1	1293	1.2	68	.2	14	1.8	54	50	13	14
6224767	6254921	.67	478	.2	.5	1.30	1.26	7	19	1364	10	38	44	.02	8.7	8.9	.5	7.2	271	.6	.8	8.2	2253	1.4	59	.2	19	2.3	54	310	40	13
6224768	6254922	.27	188	.2	.5	1.10	.55	3	1	452	4	29	19	.02	7.3	3.7	.5	5.9	121	.3	.6	6.8	1052	1.2	34	.2	8	2.0	22	270	18	13
6224769	6254923	1.22	807	.2	.5	1.60	1.51	9	38	686	21	44	47	.02	14.7	11.5	.5	8.3	302	.8	1.1	12.8	3234	1.4	86	.2	15	2.9	77	310	34	13
6224771	6254924	1.03	786	.2	.5	1.60	1.65	8	27	546	15	40	48	.02	14.9	11.7	.5	10.0	327	.9	1.1	15.3	3440	1.6	64	.2	18	3.1	55	420	46	15
6224772	6254925	.36	349	.2	.5	.55	.52	5	10	891	5	12	17	.02	5.4	6.2	.5	5.4	127	.3	.6	4.3	1547	2.0	56	.2	15	.9	65	290	21	20
6224773	6254926	.11	56	1.1	2.0	.05	.05	2	7	479	1	2	3	.02	2.7	3.5	.5	4.4	35	.1	.2	1.8	373	2.2	25	.2	13	.9	47	50	4	26
6224774	6254927	.25	491	.2	2.0	.30	.29	5	12	1882	2	9	13	.02	4.9	5.6	.5	5.2	86	.1	.5	3.2	1180	2.1	113	.2	15	1.2	106	50	15	15
6224775	6254928	.12	113	.2	.5	.12	.12	2	1	558	1	5	5	.02	2.6	3.0	.5	3.2	53	.1	.2	1.5	583	1.1	28	.2	9	.6	36	50	5	14
6224776	6254929	.89	721	.2	.5	1.80	1.82	11	22	1184	11	56	64	.10	12.8	13.2	.5	10.5	363	.7	1.2	11.6	3326	2.8	67	.2	32	4.0	62	410	68	9
6224777	6254930	.13	119	.2	.5	.13	.11	3	7	590	1	2	4	.02	3.4	3.7	.5	3.8	48	.1	.2	2.1	545	.8	35	.2	12	1.4	42	50	6	15
6224778	6254931	.29	228	.2	.5	.59	.54	4	2	855	5	15	16	.02	5.1	4.9	.5	4.1	135	.3	.2	3.9	1376	1.5	28	.2	10	1.0	29	50	20	17
6224779	6254932	.26	500	.2	.5	.29	.26	5	15	2289	3	2	9	.02	6.5	6.4	.5	6.3	106	.3	.8	2.9	1282	1.4	105	.2	22	2.1	83	130	11	14
6224781	6254933	.13	805	.2	.5	.10	.09	10	27	1909	6	2	5	.02	4.0	4.8	.5	4.4	44	.1	.6	1.6	677	1.0	79	.2	16	1.4	57	50	8	14
6224782	6254934	.06	63	.2	.5	.02	.03	2	4	719	2	2	1	.02	4.3	4.3	.5	4.1	32	.1	.2	1.7	311	1.3	27	.2	14	1.5	20	50	3	8
6224783	6254935	.28	198	.2	.5	.31	.25	4	8	1633	2	7	12	.02	6.2	6.2	.5	5.3	173	.3	.6	3.0	1355	3.7	60	.2	16	1.0	54	170	10	12
6224784	6254936	.12	114	.2	.5	.13	.12	2	2	722	3	2	7	.02	3.0	3.8	.5	3.0	75	.1	.2	2.0	790	1.9	23	.2	8	.7	26	50	6	10
6224785	6254937	.19	274	.2	.5	.20	.17	5	9	2671	2	5	9	.02	6.9	6.9	.5	8.0	146	.3	1.0	3.8	1350	5.7	92	.2	25	2.2	68	190	9	10
6224786	6254938	.78	598	.2	.5	1.70	1.66	8	15	589	22	49	58	.10	11.7	9.0	.5	11.3	314	.8	1.3	17.6	2895	3.0	51	.2	16	3.6	47	320	50	9
6224787	6254939	.34	203	.2	.5	.43	.43	4	4	854	7	20	20	.02	4.4	4.7	.5	3.7	104	.3	.2	3.4	1571	2.5	27	.2	10	1.3	31	50	21	8
6224788	6254940	.26	386	.2	.5	.34	.32	6	12	1891	3	14	13	.02	5.4	5.7	.5	7.7	98	.1	1.0	4.0	1227	4.2	83	.2	26	2.3	60	50	14	11
6224789	6254941	.19	113	.2	.5	.23	.22	2	5	494	6	6	8	.02	3.4	3.7	.5	5.4	72	.2	.7	3.0	621	3.9	34	.2	24	2.3	34	50	11	10

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224791	6254942	.44	354	.2	.5	.68	.66	6	8	1496	8	21	27	.02	6.3	6.3	.5	5.7	158	.4	.6	5.3	1914	3.8	76	.2	16	1.6	41	50	28	10
6224792	6254943	.41	286	.2	.5	.92	.95	5	4	622	11	31	31	.02	5.6	5.7	.5	5.6	207	.4	.6	6.4	1785	2.4	33	.2	14	1.6	29	180	33	10
6224793	6254944	.70	559	.2	.5	1.90	1.83	6	13	571	15	54	56	.02	10.0	7.8	.5	7.7	351	.6	.9	11.3	2490	2.0	40	.2	15	2.6	36	290	38	10
6224794	6254945	.24	1043	.2	.5	.22	.20	7	16	1899	3	9	9	.02	4.9	5.4	.5	3.9	126	.1	.2	1.9	1142	2.4	78	.2	14	1.2	66	50	9	27
6224795	6254946	.21	293	.2	.5	.19	.17	5	8	2127	1	2	8	.02	6.2	6.8	.5	5.2	99	.4	.5	2.3	1288	1.3	77	.2	18	1.3	48	50	7	14
6224796	6254947	.35	406	4.9	4.0	.35	.34	6	22	2216	3	8	14	.02	5.6	6.7	.5	5.4	182	.4	.7	3.0	1303	10.8	107	.2	18	1.5	79	140	14	17
6224797	6254948	.24	191	.2	.5	.26	.24	6	13	2384	4	8	9	.02	5.2	5.5	.5	3.1	211	.3	.2	2.2	1356	1.1	53	.2	10	.8	40	50	11	10
6224798	6254949	.50	187	.2	.5	.39	.36	4	8	1597	3	14	17	.02	6.9	6.9	.5	5.0	141	.3	.5	3.3	1601	1.3	58	.2	15	1.4	51	50	12	9
6224799	6254950	.25	161	.2	.5	.34	.31	5	7	2198	3	10	14	.02	6.6	6.6	.5	6.1	115	.4	.2	4.3	1678	1.8	71	.2	15	1.5	36	50	13	9
6224801	6254951	.81	558	.2	.5	1.50	1.43	8	17	942	12	41	44	.02	11.9	10.8	.5	10.9	286	.7	1.2	12.5	3392	3.1	60	.2	25	3.2	60	370	44	11
6224802	6254952	.31	484	.2	1.0	.11	.21	4	11	1902	2	2	9	.02	3.8	6.9	.5	4.1	154	.1	.2	2.1	1171	1.3	90	.2	22	1.0	111	50	9	20
6224803	6254953	.15	176	.2	.5	.23	.09	2	9	628	1	2	3	.02	7.3	4.1	.5	6.6	60	.1	.6	3.1	577	4.6	44	.2	12	2.7	60	50	5	17
6224804	6254954	.34	1206	.2	.5	.44	.40	8	17	2600	4	14	14	.02	8.3	8.3	.5	6.7	126	.4	.7	4.4	2082	1.5	156	.2	20	2.3	57	50	19	10
6224805	6254955	.30	390	.2	.5	.36	.35	4	13	1385	2	10	13	.02	5.8	6.2	.5	5.6	96	.1	.6	3.4	1251	1.8	55	.2	17	1.7	64	150	14	21
6224806	6254956	.43	1432	.2	.5	.59	.61	9	26	2180	6	21	26	.02	7.8	9.1	.5	6.5	146	.2	.9	4.7	1747	1.6	89	.2	23	2.0	97	180	23	15
6224807	6254957	.24	479	.2	.5	.29	.28	8	18	2751	2	10	12	.02	6.7	7.6	.5	7.0	94	.4	.8	3.7	1603	1.2	125	.2	21	2.0	65	50	14	8
6224808	6254958	.40	324	.2	.5	.69	.70	5	16	670	5	19	21	.02	6.1	6.1	.5	5.6	155	.5	.6	5.3	1652	1.5	63	.2	15	1.7	50	340	24	13
6224809	6254959	.14	106	.2	.5	.20	.21	2	1	748	2	8	8	.02	2.9	3.3	.5	2.4	64	.1	.2	1.9	1261	.9	29	.2	6	.2	17	160	10	14
6224811	6254960	.10	45	.2	.5	.06	.06	3	6	463	1	2	2	.02	1.5	2.0	.5	2.0	42	.1	.2	.8	342	.5	19	.2	5	.2	23	50	4	13
6224812	6254961	.14	86	.2	.5	.18	.11	2	7	863	1	10	1	.02	5.0	3.6	.5	6.6	46	.2	.6	3.2	618	1.1	22	.2	11	1.3	41	50	6	10
6224813	6254962	.19	1183	.2	.5	.23	.22	6	29	1643	1	8	5	.02	6.1	6.9	.5	8.0	61	.2	.8	4.3	766	1.7	75	.2	22	1.8	110	50	12	15
6224814	6254963	.15	1931	.2	.5	.13	.11	8	68	2198	2	7	4	.02	6.4	7.2	.5	7.9	43	.1	.9	3.5	652	1.8	83	.2	21	1.8	122	50	10	15
6224815	6254964	.33	268	.2	.5	.49	.43	5	12	1670	3	14	16	.02	6.7	6.6	.5	7.5	128	.1	.8	4.8	1430	1.4	62	.2	17	1.9	47	180	18	11
6224816	6254965	.39	366	.2	.5	.63	.64	5	11	1191	4	22	21	.02	6.2	6.5	.5	6.7	158	.3	.8	4.9	1422	1.2	55	.2	17	1.6	65	210	23	9
6224817	6254966	.42	2367	.2	.5	.58	.57	8	35	1291	6	16	21	.02	7.0	7.7	.5	7.1	127	.1	.8	5.0	1464	1.3	72	.2	19	2.0	97	250	24	9
6224818	6254967	.28	200	.2	.5	.42	.44	3	7	730	3	18	13	.02	4.4	5.0	.5	5.3	113	.3	.5	3.6	1192	1.0	35	.2	14	1.3	39	190	18	12
6224819	6254968	.25	141	.2	.5	.31	.30	4	8	1621	3	13	13	.02	4.5	4.8	.5	4.1	95	.3	.2	3.2	1392	1.0	28	.2	10	.7	27	50	14	8
6224821	6254969	.19	127	.2	.5	.23	.23	2	6	693	2	7	10	.02	4.0	4.3	.5	4.9	73	.1	.5	2.7	869	.9	36	.2	12	1.0	39	50	10	11
6224822	6254970	.41	293	.2	.5	.67	.63	5	11	547	6	17	22	.02	6.3	6.2	.5	6.1	141	.4	.6	5.6	1888	1.1	50	.2	14	1.8	52	220	29	12
6224823	6254971	.07	80	.2	.5	.02	.04	1	4	378	1	2	1	.02	2.4	2.8	.5	2.4	42	.1	.2	1.0	228	.3	18	.2	8	.7	27	50	2	9
6224824	6254972	.49	351	.2	.5	.95	.91	5	13	907	6	30	31	.02	7.5	7.3	.5	6.8	191	.4	.8	6.5	1654	1.2	46	.2	16	2.0	63	210	29	12
6224825	6254973	.31	338	.2	.5	.46	.45	5	11	1421	3	17	20	.02	6.1	6.1	.5	6.4	111	.3	.7	4.0	1331	1.2	56	.2	16	1.4	47	50	15	9
6224826	6254974	.45	300	.2	.5	.93	.92	5	10	786	6	24	24	.02	6.8	7.0	.5	6.4	200	.4	.7	6.1	1855	1.3	38	.2	16	1.8	51	240	33	7
6224827	6254975	.40	251	.2	.5	.56	.57	5	6	836	4	24	22	.02	5.5	6.0	.5	4.9	141	.3	.2	4.6	1691	.9	38	.2	12	1.2	42	210	23	13
6224828	6254976	.30	315	.2	1.0	.35	.31	5	14	2493	2	16	14	.02	6.7	6.5	.5	7.8	111	.3	.8	4.7	1437	1.9	97	.2	18	1.7	53	50	13	12
6224829	6254977	.08	53	.2	.5	.09	.07	2	5	808	1	2	4	.02	3.8	4.2	.5	3.9	45	.1	.5	2.5	608	1.4	15	.2	10	.2	22	50	4	10
6224831	6254978	.17	110	.2	.5	.18	.16	3	4	1810	1	9	7	.02	6.4	6.6	.5	7.0	64	.2	.9	4.7	890	2.7	46	.2	17	1.6	26	50	8	8
6224832	6254979	.24	138	.2	.5	.26	.27	3	1	520	6	15	13	.02	3.1	3.4	.5	3.0	78	.2	.2	2.8	910	2.7	18	.2	8	.8	21	160	12	10
6224833	6254980	.07	50	.2	.5	.02	.05	1	3	299	2	2	5	.02	2.0	2.3	.5	3.2	43	.1	.2	1.5	298	3.3	14	.2	9	.9	20	50	3	10
6224834	6254981	.32	211	.2	.5	.48	.43	5	9	1617	4	24	23	.02	8.0	7.7	.5	4.6	107	.3	1.0	6.6	1422	163.0	51	.2	24	2.1	43	50	16	7
6224835	6254982	.30	302	.2	.5	.33	.29	6	16	1966	3	16	18	.02	10.8	10.2	.5	10.9	93	.3	1.5	9.4	1242	101.0	70	.2	38	4.0	93	50	14	6
6224836	6254983	.56	702	4.6	.5	.94	.85	11	39	2392	7	36	38	.02	11.0	11.0	.5	10.2	199	.6	1.2	9.3	1839	77.8	76	.2	36	3.9	93	220	35	7
6224837	6254984	.66	567	1.6	2.0	1.60	1.48	8	22	1580	11	45	48	.02	10.8	9.1	.5	9.1	382	.5	1.1	9.3	2228	3.0	60	.2	22	3.2	55	300	41	12
6224838	6254985	.26	189	.2	.5	.39	.33	5	6	1897	3	13	14	.02	7.3	6.7	.5	6.0	107	.2	.7	4.5	1614	2.1	76	.2	15	1.4	38	50	13	8
6224841	6254987	.90	897	.2	.5	2.00	1.68	11	15	570	15	41	51	.02	26.0	14.6	.5	10.0	322	1.3	1.3	15.2	6082	1.8	55	.2	25	6.0	42	600	81	10
6224842	6254988	.67	382	.2	.5	.79	.81	8	14	1907	6	40	37	.02	7.7	8.9	.5	7.8	186	.4	.8	7.9	2749	2.0	89	.2	17	1.3	62	210	32	12
6224843	6254989	.29	197	.2	.5	.64	.67	3	4	408	8	20	22	.02	4.4	4.5	.5	4.0	151	.2	.2	4.1	1450	1.0	21	.2	9	1.2	20	200	23	11
6224844	6254990	.52	355	.2	.5	1.20	1.17	5	10	636	10	33	33	.02	7.7	7.4	.5	7.0	246	.2	.8	7.5	2051	1.4	36	.2	16	2.3	42	310	40	10
6224845	6254991	.39	306	.2	.5	.74	.74	5	8	1260	5	23	29	.02	7.2	7.4	.5	7.1	168	.5	.8	5.9	1623	1.5	66	.2	18	2.1	50	180	26	8
6224846	6254992	.53	380	.2	.5	1.00	1.02	6	9	944	8	30	32	.02	9.4	7.6	.5	6.5	222	.4	.7	8.3	2501	1.4	50	.2	14	2.2	30	410	38	10
6224847	6254993	.34	323	.2	.5	.43	.40	6	17	2366	3	13	18	.02	7.2	7.3	.5	7.8	112	.4	.8	4.7	1444	1.3	85	.2	20	2.1	56	50	16	8
6224848	6254994	.31	235	.2	.5	.44	.45	4	19	992	2	14	18	.02	7.6	7.7	.5	8.4	127	.1	.9	5.4	1070	1.6	52	.2	23	2.4	62	190	17	7
6224849	6254995	.14	103	.2	1.0	.14	.12	3	8	3261	1	2	8	.02	6.1	5.8	.5	7.8	92	.2	.8	3.2	963	1.6	49	1.0	20	1.6	48	50	6	8
6224851	6254996	.56	803	.2	.5	1.10	1.04	9	36	2206	8	33	37	.02	11.6	11.2	.5	14.2	218	.5	1.6	11.1	1879	2.7	82	.2	37	3.9	93	290	37	7
6224852	6254997	.33	599	.2	.5	.53	.49	5	11	1386	4	17	18	.02	6.6	6.8	.5	9.1	117	.3	1.0	5.6	1322	1.5	56	.2	22	1.7	58	50	21	7
6224853	6254998	.52	494	.2	.5	.65	.72	6	20	1584	6	20	25	.02	7.7	7.9	.5	8.6	229	.3	.9	7.2	1848	1.5	57	.2	21	2.1	54	170	27	9
6224854	6254999	1.06	752	.2	.5	1.60	1.71	9	25	585	13	45	47	.02	15.8	11.4	.5	8.3	340	1.0	1.0	12.2	4028	1.4	47	.2	17	3.2	57	430	47	9
6224855	6255000	.37	243	.2	.5	.76	.74	4	6	552	8	21	23	.02	5.5	5.8	.5	5.1	165	.3	.6	5.6	1770	1.0	23	.2	11	1.5	25	290	30	10
6224856	6255001	.77	695	.2	.5	1.40	1.35	8	33	1326	8	39	39	.02	13.7	10.8	.5	10.2	282	.8	1.2	10.6	2438	2.3	65	.2	25	3.5	68	310	39	9
6224857	6255002	.59	366	.2	.5	1.00	1.01	5	20	582	12	27	29	.02	8.1	6.7	.5	6.6	220	.6	.8	7.2	1857	.9	36	.2	14	2.4	43	230	32	10
6224858	6255003	.88	511	.2	.5	1.50	1.60	9	19	1554	8	54	56	.02	11.8	12.1	.5	11.4	329	.6	1.3	11.2	2896	3.0	64	.2	29	3.2	65	370	53	9
6224859	6255004	.99	608	.2	.5	1.80	1.98	6	29	1214	14	51	59	.02	11.2	10.4	.5	10.0	386	.6	1.2	12.3	2392	1.8	44	.2	23	3.4	40	510	58	10
6224861	6255005	.34	205	.2	.5	.40	.40	4	18	1733	2	14	16	.02	6.5	6.7	.5	6.9	109	.3	.7	4.4	1180	1.2	40	.2	19	2.1	39	50	16	9
6224862	6255006	.30	193	.2	.5	.43	.44	3	8	629	2	15	17	.02	5.0	5.3	.5	5.5	128	.2	.5	3.8	1136	1.2	45	.2	15	1.0	53	50	16	13
6224863	6255007	.59	375	.2	.5	1.00	1.06	5	9	521	13	30	33	.02	8.0	6.9	.5	5.4	220	.6	.7	6.6	2384	1.0	39	.2	11	1.6	34	230	28	19
6224864	6255008	.37	330	.2	.5	.47	.46	4	20	899	3	18	16	.02	5.1	5.7	.5	6.4	116	.2	.6	3.8	1085	.9	40	.2	16	1.1	69	50	15	11
6224865	6255009	.41	355	.2	.5	.48	.53	4	20	883	3	16	20	.02	5.1	6.1	.5	7.1	132	.1	.7	4.5	1160	1.2	41	.2	17	1.5	72	50	17	11
6224866	6255010	.49	8469	.2	.5	.56	.69	8	33	934	9	19	24	.02	6.5	7.5	.5	6.2	142	.3	.6	5.1	1331	1.0	84	.2	18	1.7	65	180	24	9

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224867	6255011	.15	83	.2	.5	.22	.24	2	2	351	2	10	9	.02	2.4	3.0	.5	2.6	69	.1	.2	2.1	724	.8	18	.2	6	.2	13	250	8	12
6224868	6255012	.24	421	.2	.5	.23	.22	5	14	1397	1	5	11	.02	6.1	6.8	.5	6.6	86	.3	.8	3.7	886	1.3	68	.2	20	1.9	78	50	10	20
6224869	6255013	.21	166	.2	.5	.44	.47	4	7	418	4	13	15	.02	4.1	4.2	.5	4.4	150	.4	.2	3.7	905	.9	17	.2	10	1.1	25	50	19	11
6224871	6255014	.26	258	.2	.5	.31	.33	3	7	680	2	11	14	.02	4.2	4.6	.5	4.6	101	.1	.5	3.1	941	1.0	45	.2	11	1.1	57	50	12	12
6224872	6255015	.13	370	.2	.5	.11	.11	3	6	1433	1	2	8	.02	4.6	5.3	.5	6.9	56	.1	.8	3.5	497	1.2	40	.2	18	1.5	62	50	6	9
6224873	6255016	.13	119	.2	.5	.11	.12	2	3	895	1	2	6	.02	4.0	4.9	.5	5.4	62	.1	.6	3.0	641	1.0	43	.2	15	.9	28	50	5	7
6224874	6255017	.14	126	.2	.5	.08	.09	2	7	967	1	2	8	.02	3.8	4.4	.5	4.0	73	.3	.2	2.4	553	20.3	34	.2	14	1.0	31	50	5	7
6224875	6255018	.17	84	.2	.5	.14	.14	2	1	844	2	7	6	.02	3.1	3.6	.5	2.8	46	.3	.2	1.9	749	2.4	25	.2	8	.2	18	50	5	9
6224876	6255019	.24	141	.2	.5	.26	.26	3	3	893	2	10	11	.02	3.4	4.0	.5	4.9	71	.1	.5	3.0	941	2.7	43	.2	15	1.3	30	50	10	9
6224877	6255020	.21	128	.2	.5	.24	.26	2	2	750	2	11	12	.02	3.6	4.1	.5	3.0	78	.2	.2	2.8	979	1.1	22	.2	7	.7	20	50	10	9
6224878	6255021	.06	48	.2	.5	.06	.06	2	4	590	4	2	4	.02	2.4	2.8	.5	1.9	36	.1	.2	1.3	277	.7	23	.2	7	.2	17	130	3	9
6224879	6255022	.33	202	.2	.5	.17	.16	2	40	1383	1	6	11	.02	5.3	5.4	.5	6.0	97	.1	.6	3.7	673	2.4	37	.2	16	1.4	76	50	8	19
6224881	6255023	.28	150	.2	.5	.31	.30	3	5	1147	2	12	13	.02	4.2	4.6	.5	4.6	88	.2	.2	3.5	1190	.9	43	.2	11	.9	35	50	12	9
6224882	6255024	.13	75	.2	.5	.13	.13	2	2	459	2	2	10	.02	2.3	2.7	.5	2.9	48	.1	.2	2.2	585	.7	25	.2	7	.2	19	50	4	10
6224883	6255025	.12	77	.2	.5	.13	.14	2	3	907	1	6	6	.02	3.9	4.3	.5	3.5	47	.1	.2	2.4	797	.9	49	.2	9	.2	19	50	6	7
6224884	6255026	.65	550	.2	.5	1.40	1.39	8	21	1532	10	47	47	.02	10.2	9.9	.5	8.9	281	.5	1.1	9.4	2137	1.8	70	.2	22	2.8	58	350	46	8
6224885	6255027	.22	119	.2	.5	.24	.23	2	11	824	2	9	9	.02	3.5	3.8	.5	3.2	69	.1	.2	2.5	800	.8	33	.2	8	.9	26	50	9	10
6224886	6255028	.52	371	.2	.5	1.40	1.37	6	8	531	13	39	38	.02	8.3	7.6	.5	5.7	280	.4	.7	7.8	2528	1.3	28	.2	13	2.2	28	400	43	8
6224887	6255029	.45	293	.2	.5	.83	.81	5	19	1153	6	23	28	.02	7.8	8.3	.5	7.9	184	.4	.9	6.5	1827	1.4	39	.2	21	2.4	48	290	32	6
6224888	6255030	.47	357	.2	.5	.95	1.07	6	10	703	8	28	31	.02	6.7	7.1	.5	6.9	226	.4	.8	7.0	1587	1.3	44	.2	16	1.7	53	390	35	10
6224889	6255031	.54	454	.2	.5	1.00	1.03	6	13	931	8	29	35	.02	8.1	7.6	.5	7.9	223	.4	.8	7.5	1866	1.3	47	.2	18	2.2	61	240	36	9
6224891	6255032	.63	479	.2	.5	1.50	1.51	7	10	671	12	42	44	.02	10.6	8.8	.5	7.3	306	.6	.9	10.0	2771	1.4	35	.2	16	3.0	39	420	51	8
6224892	6255033	.23	153	.2	.5	.31	.31	4	5	1712	3	5	14	.02	5.0	5.2	.5	6.2	80	.1	.6	3.2	1104	1.1	52	.2	16	1.4	34	140	12	7
6224893	6255034	.36	366	.2	.5	.52	.52	8	12	2461	4	19	23	.02	6.9	7.3	.5	7.8	128	.3	.9	5.3	1768	1.5	110	.2	22	2.3	66	50	23	9
6224894	6255035	.35	332	.2	.5	.59	.57	9	17	2423	5	25	24	.02	7.2	7.5	.5	7.9	154	.4	.8	5.5	1774	1.5	107	.2	22	1.9	67	50	23	9
6224895	6255036	.36	232	.2	.5	.49	.49	6	7	755	5	17	25	.02	6.0	6.2	.5	5.6	112	.3	.5	4.9	1819	1.4	77	.2	15	1.0	52	50	21	10
6224896	6255037	.61	421	.2	.5	.95	.86	11	29	757	11	34	37	.02	9.4	9.3	.5	6.5	187	.5	.7	7.9	2430	1.4	72	.2	18	2.3	98	300	38	14
6224897	6255038	.72	523	.2	.5	1.40	1.25	8	17	663	10	47	49	.02	10.9	10.3	.5	7.3	273	.7	.8	10.0	2910	1.4	48	.2	21	3.1	49	400	55	17
6224898	6255039	.06	37	.2	.5	.07	.08	1	4	407	6	2	3	.02	2.5	2.9	.5	1.9	33	.1	.2	1.4	417	.4	17	.2	7	.2	13	50	4	7
6224899	6255040	.41	452	.2	.5	.57	.57	8	23	1353	5	25	28	.02	7.3	8.8	.5	9.1	131	.4	1.0	8.0	1451	2.2	75	.2	25	2.0	104	180	29	8
6224901	6255041	.48	349	.2	.5	.83	.80	9	17	819	7	30	34	.02	7.1	7.6	.5	6.0	176	.3	.8	6.7	2034	1.5	66	.2	16	2.1	68	50	36	13
6224902	6255042	.16	109	.2	.5	.26	.26	2	3	575	3	10	8	.02	3.1	3.8	.5	3.8	68	.2	.2	2.5	1010	1.1	32	.2	10	1.0	16	50	13	8
6224903	6255043	.36	330	.2	.5	.59	.53	7	14	2086	5	17	24	.02	8.7	8.6	.5	9.2	133	.3	1.0	6.6	1811	1.7	93	.2	25	2.4	63	150	24	8
6224904	6255044	.39	350	.2	.5	.65	.59	8	15	2239	6	25	27	.02	8.9	8.7	.5	8.7	142	.4	.8	6.4	1907	1.8	98	.2	25	2.5	64	50	26	8
6224905	6255045	.72	654	.2	.5	1.70	1.68	10	16	771	14	46	52	.02	11.4	10.9	.5	8.5	331	.6	1.0	11.9	3070	1.6	61	.2	24	3.4	54	380	67	13
6224906	6255046	.29	215	.2	.5	.51	.49	5	4	1044	3	14	18	.02	5.3	5.4	.5	5.0	113	.4	.2	4.6	1457	1.0	52	.2	13	1.9	34	50	22	9
6224907	6255047	.37	242	.2	.5	.73	.67	5	16	625	6	21	23	.02	6.2	6.2	.5	6.1	157	.2	.6	5.3	1499	1.2	65	.2	15	1.8	71	190	25	10
6224908	6255048	.30	182	.2	.5	.42	.40	4	5	501	5	17	17	.02	5.2	5.3	.5	4.1	96	.3	.2	3.5	1653	.8	32	.2	10	1.3	29	50	20	7
6224909	6255049	.12	72	.2	.5	.16	.15	2	3	497	5	2	10	.02	3.1	3.4	.5	2.7	49	.2	.2	2.1	791	.7	16	.2	7	.6	16	50	8	6
6224911	6255050	.48	358	.2	.5	.88	.87	7	10	1028	6	29	33	.02	7.9	8.5	.5	8.1	176	.5	.9	8.0	2341	1.7	81	.2	18	1.8	69	190	35	7
6224912	6255051	.05	46	.2	.5	.02	.04	1	2	491	1	2	1	.02	1.4	1.7	.5	1.1	31	.1	.2	.8	150	.4	12	.2	5	.2	23	50	3	5
6224913	6255052	.08	41	.2	.5	.06	.06	1	1	1141	1	2	2	.02	2.2	2.4	.5	2.5	35	.1	.2	1.8	392	8.6	16	.2	6	.2	15	150	3	9
6224914	6255053	.49	355	.2	.5	1.00	.94	6	4	1341	7	31	36	.02	7.3	7.5	.5	5.8	213	.3	.7	6.3	2144	10.0	64	.2	16	1.7	35	290	31	10
6224915	6255054	.31	226	.2	.5	.48	.45	4	5	1139	4	18	21	.02	5.7	6.0	.5	4.8	119	.2	.6	5.3	1744	18.4	41	.2	13	1.6	27	160	20	9
6224916	6255055	.17	109	.2	.5	.18	.18	2	3	540	4	7	12	.02	3.2	3.7	.5	3.6	58	.1	.2	2.6	794	6.5	25	.2	9	1.1	25	50	10	8
6224917	6255056	.06	22	.2	.5	.05	.04	1	1	347	1	2	1	.02	1.4	1.7	.5	2.2	36	.1	.2	.9	196	28.1	17	.2	9	.6	23	50	2	13
6224918	6255057	.13	148	.2	.5	.12	.11	2	3	1640	1	8	7	.02	3.1	3.6	.5	4.0	60	.1	.2	2.1	597	13.9	43	.2	12	.9	35	50	6	9
6224919	6255058	.17	94	.2	.5	.22	.25	3	4	465	4	7	11	.02	2.6	3.0	.5	2.4	67	.2	.2	2.3	833	2.2	17	.2	6	.2	16	50	10	10
6224921	6255059	.51	404	.2	.5	.90	.83	7	13	753	25	33	31	.02	6.3	6.7	.5	5.7	187	.5	.6	6.0	1888	2.4	51	.2	14	1.5	45	310	34	9
6224922	6255060	.40	225	.2	.5	.43	.46	5	9	1432	7	20	19	.02	4.5	5.6	.5	5.5	127	.4	.6	4.4	1573	2.9	48	.2	17	1.2	38	220	19	10
6224923	6255061	.40	233	.2	.5	.48	.49	5	8	1234	6	14	21	.02	4.8	5.6	.5	5.1	126	.4	.6	4.2	1594	2.7	44	.2	16	1.2	36	160	20	10
6224924	6255062	.10	64	.2	.5	.12	.15	1	1	364	2	6	6	.02	1.6	1.9	.5	1.5	48	.1	.2	1.6	612	2.3	8	.2	4	.2	9	50	8	10
6224925	6255063	.37	207	.2	.5	.62	.63	3	4	503	5	23	24	.02	4.2	4.6	.5	4.0	152	.4	.2	4.9	1445	4.7	19	.2	10	.8	20	50	24	10
6224926	6255064	.17	156	.2	.5	.33	.35	3	2	548	4	10	13	.02	4.1	4.5	.5	6.1	131	.3	.5	5.1	970	11.0	27	.2	16	1.4	22	50	17	9
6224927	6255065	.06	35	.2	.5	.02	.03	1	3	355	2	2	1	.02	1.6	1.7	.5	1.6	43	.1	.2	1.1	156	19.7	6	.2	6	.2	8	50	2	8
6224928	6255066	.10	146	.2	.5	.08	.08	3	2	1178	1	2	5	.02	4.2	4.5	.5	10.0	43	.1	1.0	4.1	611	10.0	70	.2	25	2.1	42	50	7	8
6224929	6255067	.07	80	.2	.5	.07	.05	2	3	630	1	6	3	.02	2.0	2.5	.5	5.2	36	.1	.2	2.0	329	4.5	47	.2	14	.9	36	50	4	7
6224931	6255068	.42	318	.2	.5	.71	.70	6	6	722	14	25	24	.02	6.2	6.3	.5	4.5	161	.3	.5	5.5	2060	1.6	39	.2	11	1.7	31	50	29	9
6224932	6255069	.16	120	.2	.5	.18	.16	3	4	1135	2	7	8	.02	3.7	4.2	.5	4.4	66	.1	.2	2.7	886	2.2	63	.2	11	1.0	37	50	7	8
6224933	6255070	.45	322	.2	.5	.69	.66	8	15	1601	5	25	29	.02	7.7	8.5	.5	7.8	145	.4	.9	6.6	1686	1.7	76	.2	21	1.8	79	250	26	7
6224934	6255071	.69	514	.2	.5	1.30	1.53	8	14	713	12	41	44	.02	8.2	9.3	.5	7.7	297	.6	.9	10.0	2370	1.6	46	.2	17	2.0	50	400	52	7
6224935	6255072	.22	160	.2	.5	.34	.34	4	6	759	4	13	15	.02	3.9	4.4	.5	4.4	91	.2	.2	3.6	1179	1.1	45	.2	11	1.0	30	50	15	8
6224936	6255073	.14	90	.2	.5	.24	.22	2	2	368	4	9	5	.02	2.8	3.2	.5	3.3	73	.1	.2	2.2	553	.6	22	.2	9	1.0	23	50	8	10
6224937	6255074	.67	585	.2	.5	1.60	1.54	8	11	683	11	43	44	.02	12.9	10.5	.5	8.0	310	.7	1.0	11.6	3161	1.6	56	.2	20	3.4	42	420	60	12
6224938	6255075	.22	153	.2	.5	.45	.38	6	15	546	4	12	14	.02	6.9	6.6	.5	5.5	91	.1	.7	4.7	1177	6.7	94	.2	19	2.2	66	50	18	5
6224939	6255076	.62	404	.2	.5	1.40	1.20	7	9	705	9	35	35	.02	13.3	12.4	.5	19.2	260	.3	1.7	15.8	2947	32.8	376	.2	49	4.7	33	400	55	8
6224941	6255077	.16	117	.2	1.0	.22	.22	2	6	352	4	10	6	.02	2.7	2.9	.5	2.6	79	.1	.2	2.3	688	.3	27	.2	8	.7	43	50	9	7
	6275078																															10

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6224943	6255079	.75	821	.2	.5	1.60	1.63	10	16	656	18	43	48	.10	17.9	11.7	.5	10.0	325	1.1	1.2	16.0	5006	1.8	59	1.0	20	4.1	41	520	61	7
6224944	6255080	.05	38	.2	3.0	.07	.06	1	3	293	3	2	1	.02	1.7	1.9	.5	1.9	36	.1	.2	1.2	161	2.4	11	.2	8	.2	25	50	3	6
6224945	6255081	.33	197	.2	.5	.54	.52	4	10	607	6	11	19	.02	5.4	5.9	.5	5.3	135	.1	.6	5.9	1212	2.9	47	.2	19	1.1	102	50	24	6
6224946	6255082	.08	54	.2	.5	.09	.10	1	5	213	3	2	6	.02	1.2	1.8	.5	2.5	42	.1	.2	2.0	343	2.2	25	.2	7	.2	28	50	6	10
6224947	6255083	.30	273	.2	.5	.50	.52	8	25	533	12	21	19	.02	5.8	6.3	.5	5.1	128	.2	.2	5.5	1175	1.1	91	.2	15	1.7	78	200	20	10
6224948	6255084	.40	240	.2	.5	.49	.54	4	5	640	6	16	13	.02	5.5	6.1	.5	4.8	150	.3	.2	4.4	1800	1.9	39	.2	13	1.2	48	50	19	10
6224949	6255085	.12	104	.2	1.0	.13	.12	3	4	1185	3	2	3	.02	3.8	4.4	.5	5.8	77	.1	.6	2.8	690	2.8	50	.2	16	1.3	53	50	6	10
6224951	6255086	.13	100	.2	.5	.15	.14	2	4	828	2	7	3	.02	3.5	3.8	.5	5.1	80	.3	.6	2.8	682	2.5	31	.2	14	1.0	28	50	7	10
6224952	6255087	.19	433	.2	.5	.18	.16	5	7	2027	1	6	7	.02	9.1	8.8	.5	14.3	94	.1	1.3	6.6	1107	10.3	76	.2	40	3.8	81	50	10	9
6224953	6255088	.09	117	.2	.5	.10	.09	2	3	1282	1	2	5	.02	5.0	5.3	.5	6.8	63	.1	.6	3.3	649	3.1	43	.2	18	1.6	27	50	5	8
6224954	6255089	.14	166	.2	.5	.11	.09	4	10	1850	5	6	7	.02	5.4	6.0	.5	12.6	120	.3	.8	5.4	802	4.4	113	.2	28	2.6	52	50	8	10
6224955	6255090	.23	160	.2	2.0	.23	.21	4	8	2557	5	9	14	.02	6.7	6.8	.5	16.3	212	.3	1.1	10.4	1131	11.4	64	.2	26	1.9	72	50	11	11
6224956	6255091	.22	201	.2	.5	.24	.23	3	11	1081	5	9	7	.02	4.2	4.5	.5	8.4	308	.3	.6	5.3	1017	3.0	46	.2	16	1.6	46	50	12	13
6224957	6255092	.37	238	.2	.5	.48	.50	5	6	1384	8	13	18	.02	5.6	5.6	.5	5.5	173	.1	.6	5.9	1997	5.9	41	.2	13	1.0	29	50	20	12
6224958	6255093	.11	147	.2	.5	.08	.06	5	18	4492	7	2	1	.02	5.1	5.4	.5	9.4	173	.1	.8	4.9	1072	6.0	120	.2	22	1.9	54	170	5	9
6224959	6255094	.05	49	.2	.5	.02	.04	1	4	612	2	2	1	.02	2.5	3.0	.5	3.8	43	.1	.2	1.7	295	1.9	25	.2	10	.6	13	50	3	7
6224961	6255095	.09	96	.2	.5	.10	.10	2	3	846	2	2	4	.02	2.8	3.2	.5	5.9	82	.1	.6	3.2	587	8.0	37	.2	15	1.4	30	50	6	8
6224962	6255096	.12	71	.2	.5	.10	.11	1	5	516	4	2	3	.02	2.3	2.9	.5	2.6	62	.1	.2	2.5	613	5.0	17	.2	7	.7	14	50	6	9
6224963	6255097	.13	99	.2	.5	.12	.12	2	4	902	3	2	6	.02	2.7	3.0	.5	3.8	73	.1	.2	2.6	692	15.1	33	.2	10	.8	18	50	6	8
6224964	6255098	.12	95	.2	.5	.13	.12	3	8	854	2	2	4	.02	3.5	3.9	.5	5.0	71	.1	.2	2.9	685	10.7	44	.2	14	1.0	39	50	7	5
6224965	6255099	.18	352	.2	.5	.24	.22	5	10	1236	3	6	10	.02	6.7	7.2	.5	14.3	75	.1	1.4	6.8	959	12.6	78	.2	37	3.2	88	50	14	7
6224966	6255100	.17	665	2.6	.5	.11	.10	10	50	2163	10	7	8	.02	8.2	9.0	.5	8.2	65	.1	.9	4.8	822	32.9	153	.2	30	2.4	70	50	12	12
6224967	6255101	.15	252	2.3	.5	.11	.10	4	13	1606	4	2	8	.02	8.2	8.1	.5	6.9	78	.1	1.0	3.6	819	50.7	74	.2	29	2.8	72	50	7	12
6224968	6255102	.34	205	.2	1.0	.43	.44	5	10	1574	7	15	19	.02	4.3	5.2	.5	4.2	346	.4	.6	4.4	1553	84.6	67	1.0	18	1.2	35	50	19	13
6224969	6255103	.37	201	.2	.5	.50	.60	4	5	511	6	22	20	.02	3.8	4.6	.5	3.1	143	.3	.2	3.8	1342	8.5	17	.2	8	.7	20	190	24	8
6224971	6255104	.19	88	.2	.5	.13	.14	3	4	1339	2	2	6	.02	3.0	3.7	.5	3.7	71	.1	.2	2.4	660	8.4	26	.2	10	.2	25	50	6	8
6224972	6255105	.17	171	.2	.5	.14	.14	2	3	1141	2	2	6	.02	3.2	3.6	.5	3.6	79	.1	.2	2.5	636	8.4	24	.2	10	.7	27	50	6	8
6224973	6255106	.06	61	.2	1.0	.02	.03	1	4	254	4	2	3	.02	1.2	1.5	.5	2.0	30	.1	.2	.9	188	1.3	13	.2	11	.7	15	50	2	20
6224974	6255107	.36	433	.2	.5	.57	.54	8	24	2101	12	19	19	.02	7.3	7.7	.5	9.1	130	.4	1.2	5.4	1568	6.7	104	.2	41	3.9	79	50	24	9
6224975	6255108	.09	47	.2	.5	.08	.07	1	2	388	3	2	3	.02	1.9	2.3	.5	2.2	43	.1	.2	1.4	405	3.3	15	.2	7	.2	19	50	4	10
6224976	6255109	.84	827	.2	.5	1.80	1.88	8	24	714	16	44	45	.02	12.7	10.8	.5	8.4	382	.7	1.1	11.3	2746	18.5	55	.2	24	3.0	42	340	38	10
6224977	6255110	.56	337	.2	.5	1.10	1.08	6	22	683	7	33	29	.02	8.8	8.5	.5	7.5	227	.4	.8	7.9	2296	1.9	47	.2	21	2.4	61	230	36	6
6224978	6255111	.12	117	.2	.5	.13	.12	3	5	606	5	2	4	.02	3.7	4.2	.5	5.5	55	.1	.6	2.6	619	2.2	57	.2	15	1.1	29	210	6	7
6224979	6255112	.15	43927	.2	.5	.11	.10	11	101	2266	16	5	7	.02	5.8	6.4	.5	6.5	41	.1	.6	3.1	483	2.4	58	.2	18	2.1	126	50	16	7
6224981	6255113	.19	145	.2	.5	.21	.25	3	6	705	3	8	8	.02	2.5	3.4	.5	3.1	73	.1	.2	2.4	883	2.1	22	.2	8	.2	19	50	10	9
6224982	6255114	.21	126	.2	2.0	.21	.23	2	7	528	3	7	9	.02	3.1	3.7	.5	6.3	120	.1	.6	3.3	683	4.5	44	.2	14	.2	41	50	10	11
6224983	6255115	.06	89	2.1	1.0	.02	.04	1	5	311	2	2	1	.02	1.9	2.2	.5	1.0	42	.1	.2	1.1	141	24.0	5	.2	7	.5	19	50	2	8
6224984	6255116	.26	693	3.3	4.0	.26	.27	4	12	657	7	7	9	.02	4.3	4.8	.5	5.4	250	.1	.5	2.9	1010	8.0	67	1.0	16	1.1	63	50	13	10
6224985	6255117	.71	814	.2	.5	1.60	1.74	7	20	1131	12	42	49	.02	10.9	10.7	.5	8.1	355	.4	1.0	8.6	2160	5.2	55	.2	24	2.8	62	350	40	8
6224986	6255118	.15	107	.2	.5	.19	.18	3	4	694	4	7	8	.02	3.3	3.6	.5	4.4	62	.2	.5	2.6	859	4.2	35	.2	12	.9	22	50	9	10
6224987	6255119	.07	42	.2	.5	.09	.08	1	3	457	2	2	3	.02	2.2	2.6	.5	3.4	44	.1	.2	1.5	387	2.5	13	.2	10	.6	16	50	4	10
6224988	6255120	.50	518	.2	.5	.83	.82	7	20	1369	7	29	34	.02	8.4	8.4	.5	8.8	177	.4	.9	7.2	1623	3.6	64	.2	25	2.8	81	220	32	8
6224989	6255121	.26	185	.2	.5	.39	.40	4	5	1327	4	12	9	.02	4.6	4.9	.5	4.8	111	.3	.5	3.9	1464	2.5	53	.2	13	1.4	29	50	18	9
6224991	6255122	.51	463	.2	.5	1.40	1.36	6	14	980	16	30	35	.02	10.4	7.8	.5	10.0	273	.6	1.4	8.4	2148	3.5	55	.2	47	4.5	45	340	32	9
6224992	6255123	.23	224	.2	2.0	.16	.15	2	5	1109	19	6	4	.02	3.3	3.8	.5	7.5	147	.1	1.4	2.6	765	3.6	52	.2	49	2.8	27	50	7	9
6224993	6255124	.35	216	.2	.5	.37	.36	5	11	2208	4	15	17	.02	7.0	7.6	.5	10.2	121	.5	1.0	5.4	1633	9.1	55	.2	27	2.2	47	50	17	9
6224994	6255125	.29	191	.2	.5	.48	.48	5	7	664	6	13	13	.02	4.9	5.3	.5	4.9	114	.3	.2	4.1	1336	2.4	46	.2	13	1.5	31	50	18	7
6224995	6255126	.10	66	.2	.5	.09	.09	2	5	465	3	2	2	.02	2.2	2.7	.5	2.6	41	.1	.2	1.5	511	2.2	20	.2	7	.6	18	50	5	7
6224996	6255127	.54	339	.2	.5	1.00	.94	6	10	741	11	35	27	.02	7.6	7.2	.5	6.9	218	.4	.8	7.7	1986	2.7	41	.2	16	2.2	36	280	35	11
6224997	6255128	.16	104	.2	.5	.20	.21	2	7	576	5	7	6	.02	3.5	3.9	.5	5.2	78	.1	.6	3.0	807	6.9	34	.2	13	1.6	33	50	9	12
6224998	6255129	.95	704	.2	.5	1.40	1.48	9	32	763	13	44	43	.02	11.6	11.4	.5	8.8	302	.6	.9	10.0	2678	3.8	64	.2	22	3.0	69	440	51	11
6224999	6255130	1.42	1011	.2	.5	1.40	1.39	10	72	1176	13	41	47	.02	16.3	15.1	.5	12.1	294	.7	1.2	12.9	3616	6.4	88	.2	31	3.5	122	340	43	10
6225001	6255131	.28	177	.2	.5	.34	.30	4	11	1274	3	10	11	.02	6.3	6.2	.5	6.9	96	.1	.6	4.2	1333	4.1	38	.2	18	1.8	52	50	13	10
6225002	6255132	.28	183	.2	.5	.26	.23	5	11	2129	2	7	11	.02	7.0	6.9	.5	7.0	115	.3	.7	4.0	1372	5.4	56	.2	19	1.5	49	50	9	9
6225003	6255133	.10	65	.2	.5	.13	.12	1	2	469	2	7	2	.02	2.1	2.5	.5	2.3	56	.1	.2	1.6	468	2.3	14	.2	6	.2	17	50	4	9
6225004	6255134	.26	186	.2	.5	.32	.31	5	6	2414	3	13	13	.02	5.5	6.3	.5	7.2	113	.3	.7	4.5	1372	2.8	64	.2	17	1.5	52	180	13	10
6225005	6255135	.23	786	.2	.5	.23	.19	6	14	2876	2	7	8	.02	8.5	8.6	.5	11.8	101	.3	1.1	6.0	1250	3.7	101	.2	29	2.5	81	50	9	9
6225006	6255136	.23	175	.2	.5	.28	.25	6	9	3112	2	7	9	.02	7.5	7.4	.5	8.9	127	.1	.9	5.2	1769	2.0	122	.2	23	1.8	49	50	10	8
6225007	6255137	.32	166	.2	.5	.30	.30	4	6	1351	4	18	13	.02	5.4	5.9	.5	4.6	118	.3	.2	4.2	1165	2.1	38	.2	11	.9	35	50	11	8
6225008	6255138	.47	462	.2	.5	.48	.49	6	18	2086	5	17	18	.02	7.1	8.0	.5	8.4	207	.3	.8	6.1	1493	2.7	79	.2	22	1.6	67	160	18	9
6225009	6255139	.56	378	.2	.5	1.10	1.05	6	8	839	8	31	33	.02	8.0	8.3	.5	5.4	237	.4	.6	5.9	2377	1.8	37	.2	15	2.0	36	190	31	8
6225011	6255140	.24	193	.2	.5	.27	.23	5	8	2273	2	10	16	.02	7.1	7.0	.5	7.6	95	.2	.7	4.5	1312	1.7	63	.2	19	1.9	44	50	10	8
6225012	6255141	.16	499	.2	.5	.13	.11	6	13	1881	2	7	7	.02	7.6	8.0	.5	10.4	58	.3	.9	6.5	813	2.6	72	.2	26	2.2	87	50	8	7
6225013	6255142	.08	163	.2	.5	.06	.06	4	10	727	3	2	3	.02	4.6	5.4	.5	5.7	41	.1	.6	2.4	492	1.4	57	.2	17	1.6	77	50	4	8
6225014	6255143	1.21	734	.2	.5	1.40	1.45	9	42	769	13	43	46	.02	10.6	11.5	.5	7.4	309	.5	.9	8.7	2851	3.3	57	.2	19	2.0	79	280	39	11
6225015	6255144	.76	645	.2	.5	.92	1.00	8	32	1449	6	34	35	.02	8.8	10.5	.5	9.0	233	.3	.9	7.2	2338	7.0	57	.2	23	2.0	86	190	36	10
6225016	6255145	.77	477	.2	.5	.93	.95	8	29	1418	7	35	35	.02	9.5	10.3	.5	7.6	219	.4	.9	6.5	2387	5.2	54	.2	21	2.0	72	260	33	10
6225017	6255146	1.06	713	.2	.5	1.20	1.20	9	52	944	9	42	44	.02	14.0	12.2	.5	10.2	262	.6	1.1	11.7	2894	5.9	64	.2	23	2.9	110	160	37	10

Appendix 1: Winokapau Lake Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm	conduct µS
6225018	6255147	.66	347	.2	.5	.90	.87	6	25	1137	6	28	31	.02	8.4	8.5	.5	7.2	204	.4	.7	6.4	1896	5.0	36	.2	19	1.9	55	190	30	10
6225019	6255148	.31	224	.2	.5	.34	.31	4	11	2403	5	14	15	.02	7.2	7.2	.5	8.0	207	.1	.9	5.2	1341	36.4	65	.2	23	1.7	45	50	15	12
6225021	6255149	.09	338	.2	.5	.09	.07	3	11	954	1	2	3	.02	6.1	6.8	.5	5.2	52	.1	.7	3.0	451	3.6	36	.2	18	1.3	87	50	5	6
6225022	6255150	.62	959	1.7	.5	1.50	1.37	9	22	2027	10	43	40	.02	12.7	11.9	.5	8.8	306	.5	1.0	8.4	2501	6.2	81	.2	29	3.3	67	50	30	10
6225023	6255151	.12	101	.2	1.0	.13	.11	3	6	1306	2	2	3	.02	5.0	5.4	.5	3.8	64	.1	.5	2.4	728	4.2	42	.2	12	.8	79	50	6	11
6225024	6255152	.23	118	.2	.5	.25	.27	3	4	392	3	13	14	.02	3.2	4.1	.5	3.8	70	.1	.2	3.2	960	3.6	32	.2	9	.9	32	50	11	11
6225025	6255153	.16	99	.2	.5	.20	.19	3	5	578	3	11	7	.02	4.4	4.8	.5	3.5	57	.2	.2	2.5	956	1.8	25	.2	10	.9	28	50	9	10
6225026	6255154	.22	109	.2	.5	.13	.12	3	6	674	2	11	13	.02	4.1	4.6	.5	3.0	56	.2	.2	2.2	910	2.8	23	.2	8	.2	29	50	6	13
6225027	6255155	.23	157	.2	.5	.19	.19	5	9	2335	1	10	9	.02	6.2	7.8	.5	7.0	86	.3	.7	4.0	1285	2.7	64	.2	19	1.0	41	50	9	7
6225028	6255156	.17	90	.2	.5	.17	.18	3	6	612	3	8	8	.02	3.5	4.2	.5	3.3	77	.1	.2	2.2	757	1.0	34	.2	9	.6	17	50	7	7
6225029	6255157	.39	205	.2	.5	.32	.34	5	13	1418	4	17	17	.02	5.7	6.2	.5	5.0	119	.3	.6	3.7	1256	3.9	24	.2	12	1.3	51	50	13	8
6225031	6255158	.30	219	.2	1.0	.28	.24	6	12	2762	3	17	16	.02	8.2	8.1	.5	6.1	101	.2	.7	4.0	1588	7.5	58	.2	19	1.6	51	50	11	9
6225032	6255159	.22	163	.2	.5	.18	.17	4	10	1755	2	8	10	.02	7.3	7.1	.5	5.7	69	.1	.7	3.6	1123	2.1	55	.2	17	1.6	50	50	8	8
6225033	6255160	.40	238	1.9	.5	.47	.48	5	23	841	5	17	19	.02	7.5	7.6	.5	10.8	120	.3	1.1	6.3	1283	32.5	41	.2	28	2.9	65	50	19	8
6225034	6255161	.12	70	.2	.5	.16	.13	3	7	428	4	6	3	.02	3.0	3.1	.5	3.3	68	.3	.2	2.7	680	18.9	12	.2	9	.2	23	50	8	12
6225035	6255162	.69	464	.2	.5	.79	.82	8	26	924	7	26	29	.02	10.0	8.8	.5	10.0	192	.5	1.0	8.9	2294	8.8	75	.2	20	2.2	72	50	28	12
6225036	6255163	.08	57	.2	.5	.08	.07	2	5	440	2	6	3	.02	2.3	2.7	.5	4.4	43	.1	.2	1.7	312	3.7	39	.2	13	.2	41	50	6	7
6225037	6255164	.13	62	.2	.5	.23	.18	2	2	378	3	6	6	.02	2.4	2.6	.5	3.9	68	.1	.2	2.1	679	12.7	16	.2	10	1.0	12	50	7	16
6225038	6255165	.16	82	.2	.5	.23	.24	2	4	406	4	6	10	.02	2.5	3.1	.5	4.5	80	.3	.2	2.7	823	15.1	18	.2	11	.6	12	50	8	16

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224413	6254602	5.74	149	1	5.8	.05	.68	.5	.5	.2	2.1	104	.10	1.4	.39	5.8	.5	.53	.5	2	.2	.92	.15	7.5	.4	.060	.1	.50	3.0
6224414	6254603	5.44	153	1	4.1	.05	.56	.5	.5	.2	1.6	200	.06	.9	.30	5.9	.5	.42	.5	2	.2	1.18	.15	6.0	.4	.020	.4	.05	.5
6224415	6254604	5.36	84	1	2.8	.05	.37	.5	.5	.2	1.7	119	.06	.6	.21	3.3	.5	.26	.5	2	.2	.11	.11	3.5	.1	.005	.1	.10	1.0
6224416	6254605	5.98	119	3	4.9	.05	.78	.5	.5	.2	1.7	193	.15	.5	.45	4.0	.5	.51	.5	2	.2	.77	.19	7.0	.4	.030	.4	.05	1.0
6224417	6254606	6.15	97	1	4.0	.05	.83	.5	.5	.2	2.4	73	.15	.6	.47	1.0	.5	.49	.5	2	.2	.76	.22	6.9	.3	.040	.3	.05	1.0
6224418	6254607	6.08	113	1	4.0	.05	.77	.5	.5	.2	2.0	117	.11	.5	.50	1.3	.5	.51	.5	5	.2	.49	.21	7.0	.6	.040	.1	.05	1.0
6224419	6254608	6.18	117	1	4.8	.05	.89	.5	.5	.2	2.1	186	.15	.4	.61	2.0	.5	.47	.5	2	.2	1.18	.18	8.1	.6	.020	.1	.05	1.0
6224421	6254609	5.95	138	1	4.7	.05	.88	.5	.5	.2	1.4	398	.08	.8	.66	3.8	.5	.46	.5	2	.2	.69	.16	7.7	.7	.020	.5	.10	1.0
6224422	6254610	6.26	52	1	2.9	.05	.63	.5	.5	.2	4.2	127	.13	.8	.54	1.3	.5	.44	.5	2	.2	.26	.15	5.7	.1	.005	.2	.05	1.0
6224423	6254611	6.42	31	1	3.7	.05	.80	.5	.5	.2	3.1	267	.11	1.3	.61	1.6	.5	.37	.5	2	.2	.15	.11	6.0	.1	.010	.1	.05	.5
6224424	6254612	5.57	74	1	2.4	.05	.40	.5	.5	.2	.2	109	.04	.1	.34	5.8	.5	.26	.5	2	.2	.08	.15	3.2	.1	.005	.1	.05	1.0
6224425	6254613	6.40	24	1	2.4	.05	.62	.5	.5	.2	.2	52	.14	.5	.43	1.0	.5	.32	.5	2	.2	.14	.17	4.2	.1	.010	.1	.05	.5
6224426	6254614	6.57	58	1	3.7	.05	1.04	.5	.5	.2	.2	60	.09	.2	.53	3.3	.5	.40	.5	2	.2	1.10	.22	8.0	.1	.010	.1	.10	.5
6224427	6254615	6.43	99	3	3.9	.05	1.20	.5	.5	.2	.2	110	.08	.2	.56	3.7	.5	.47	.5	8	.2	1.26	.24	8.7	.3	.040	.3	.10	.5
6224428	6254616	6.38	102	1	4.1	.05	1.16	.5	.5	.2	.2	119	.08	.1	.49	4.5	.5	.46	.5	2	.2	1.37	.23	8.9	.3	.040	.2	.05	.5
6224429	6254617	6.68	53	1	3.2	.05	1.15	.5	.5	.2	.2	31	.15	.1	.70	1.0	.5	.50	.5	2	.2	1.16	.27	9.4	.1	.020	.1	.05	.5
6224431	6254618	6.00	147	1	4.1	.05	.88	.5	.5	.2	.2	184	.08	.1	.41	4.6	.5	.43	.5	2	.2	.61	.21	6.8	.5	.010	.3	.05	1.0
6224432	6254619	6.25	123	1	4.0	.05	1.04	.5	.5	.2	.2	93	.05	.1	.49	3.8	.5	.42	.5	2	.2	.94	.22	7.6	.3	.010	.1	.10	.5
6224433	6254620	6.48	47	1	2.9	.05	.76	.5	.5	.2	.2	21	.11	.1	.43	2.3	.5	.39	.5	2	.2	1.03	.19	6.1	.1	.005	.1	.05	.5
6224434	6254621	6.42	54	1	3.1	.05	.83	.5	.5	.2	.2	19	.10	.1	.44	2.3	.5	.38	.5	2	.2	.99	.20	6.5	.1	.005	.1	.05	.5
6224435	6254622	6.44	58	1	3.3	.05	.80	.5	.5	.2	.2	21	.10	.1	.44	2.2	.5	.35	.5	2	.2	1.00	.19	6.7	.1	.005	.1	.05	.5
6224436	6254623	6.45	53	1	3.2	.05	.78	.5	.5	.2	.2	20	.10	.1	.44	2.3	.5	.36	.5	2	.2	.99	.20	6.4	.1	.005	.1	.10	.5
6224437	6254624	6.50	55	1	3.9	.05	1.13	.5	.5	.2	.2	55	.13	.1	.51	1.7	.5	.39	.5	2	.2	.98	.31	7.3	.1	.010	.1	.05	.5
6224438	6254625	6.06	119	1	3.4	.05	.97	.5	.5	.2	.2	75	.03	.1	.34	2.4	.5	.40	.5	2	.2	.88	.28	6.0	.4	.010	.1	.20	.5
6224439	6254626	6.22	93	1	3.2	.05	.94	.5	.5	.2	.2	53	.06	.1	.37	3.8	.5	.37	.5	2	.2	1.12	.22	6.0	.2	.005	.1	.20	.5
6224441	6254627	6.06	189	1	5.6	.05	1.42	.5	.5	.2	.2	406	.07	.1	.66	11.5	.5	.52	.5	2	.2	2.01	.22	10.3	1.0	.020	.4	.20	1.0
6224442	6254628	6.44	62	1	3.2	.05	.90	.5	.5	.2	.2	14	.13	.1	.41	1.1	.5	.41	.5	2	.2	1.23	.21	7.0	.1	.005	.2	.05	.5
6224443	6254629	6.29	93	1	3.7	.05	1.15	.5	.5	.2	.2	67	.10	.1	.51	1.0	.5	.47	.5	2	.2	1.36	.22	7.7	.1	.030	.1	.05	.5
6224444	6254630	6.31	115	1	4.0	.05	1.24	.5	.5	.2	.2	164	.06	.1	.48	3.8	.5	.49	.5	2	.2	1.38	.22	8.3	.3	.020	.1	.05	.5
6224445	6254631	6.39	85	1	3.6	.05	1.26	.5	.5	.2	.2	126	.14	.1	.66	3.6	.5	.51	.5	5	.2	.61	.23	7.8	.3	.030	.1	.05	.5
6224446	6254632	6.15	42	1	3.9	.05	1.09	.5	.5	.2	.2	162	.07	.1	.40	2.3	.5	.37	.5	2	.2	.15	.13	5.9	.1	.005	.2	.05	.5
6224447	6254633	6.41	103	1	4.3	.05	1.04	.5	.5	.2	.2	173	.14	.1	.69	3.2	.5	.51	.5	2	.2	1.44	.19	8.3	.3	.030	.5	.10	.5
6224448	6254634	5.81	33	1	2.6	.05	.44	.5	.5	.2	.2	125	.06	.1	.34	2.8	.5	.27	.5	2	.2	.11	.15	4.0	.1	.030	.1	.05	2.0
6224449	6254635	6.85	62	1	5.4	.05	.90	.5	.5	.2	.2	72	.17	.1	.75	1.2	.5	.50	.5	2	.2	1.32	.20	7.6	.1	.030	.2	.05	.5
6224451	6254636	6.55	61	5	3.4	.05	.73	.5	.5	.2	.2	134	.13	.1	.43	2.1	.5	.44	.5	2	.2	.72	.17	6.7	.2	.030	.3	.05	.5
6224452	6254637	6.64	46	5	3.4	.05	1.03	.5	.5	.2	.2	120	.14	.1	.44	3.7	.5	.46	.5	2	.2	.82	.22	6.9	.2	.010	.2	.05	.5
6224453	6254638	6.51	47	4	3.3	.05	.77	.5	.5	.2	.2	74	.13	.9	.36	1.7	.5	.40	.5	2	.2	.60	.17	6.0	.1	.010	.1	.05	.5
6224454	6254639	6.04	75	3	4.5	.05	.64	.5	.5	.2	.2	161	.06	.1	.25	4.0	.5	.34	.5	2	.2	.24	.14	6.0	.2	.010	.1	.05	.5
6224455	6254640	6.62	95	1	5.4	.05	1.38	.5	.5	.2	.2	225	.10	.1	.49	4.4	.5	.56	.5	2	.2	1.16	.24	10.2	.4	.010	.2	.05	.5
6224456	6254641	6.51	92	1	5.1	.05	1.30	.5	.5	.2	.2	233	.09	.1	.46	3.6	.5	.54	.5	2	.2	1.27	.24	9.1	.4	.020	.1	.05	.5
6224457	6254642	6.83	76	1	1.7	.05	1.09	.5	.5	.2	.2	34	.28	.1	.54	1.6	.5	.61	.5	2	.2	.65	.35	7.4	.1	.010	.3	.05	.5
6224458	6254643	6.90	41	1	3.9	.05	1.23	.5	.5	.5	.8	79	.17	.5	.45	2.9	.5	.53	.5	2	.2	1.14	.27	7.6	.3	.020	.2	.05	.5
6224459	6254644	6.87	52	1	4.1	.05	1.25	.5	.5	.2	1.1	98	.15	.7	.44	3.4	.5	.52	.5	2	.2	1.15	.26	7.9	.3	.010	.3	.10	.5
6224461	6254645	6.86	28	1	3.5	.05	1.07	.5	.5	.6	.8	21	.18	.8	.52	2.4	.5	.48	.5	2	.2	.71	.28	6.9	.1	.005	.1	.10	.5
6224462	6254646	6.65	1	1	.1	.05	1.17	.5	.5	.8	.2	131	.15	.1	.38	2.8	.5	.51	.5	2	.2	.65	.30	.5	.1	.005	.1	.20	.5
6224463	6254647	6.61	55	1	3.2	.05	1.40	.5	.5	.8	.7	75	.17	.6	.41	1.1	.5	.64	.5	2	.2	.58	.41	9.6	.5	.010	.1	.30	.5
6224464	6254648	6.95	48	1	3.3	.05	1.57	.5	.5	.2	.2	107	.24	.5	.61	4.1	.5	.65	.5	2	.2	1.60	.39	9.0	.3	.020	.1	.05	.5
6224465	6254649	6.88	71	1	3.6	.05	1.59	.5	.5	.7	.2	175	.19	.5	.60	2.3	.5	.70	.5	2	.2	1.83	.36	9.3	.6	.020	.1	.20	.5
6224466	6254650	6.68	71	1	4.1	.05	1.25	.5	.5	.6	.5	176	.22	.7	.43	3.8	2.0	.51	.5	2	.2	1.11	.27	8.8	.8	.020	.2	.20	.5
6224467	6254651	6.65	136	1	5.3	.05	1.45	.5	.5	.2	1.1	212	.19	.6	.46	6.0	.5	.60	.5	2	.2	1.78	.27	10.5	.7	.020	.3	.30	.5
6224468	6254652	6.49	93	1	3.2	.05	.87	.5	.5	1.2	1.1	41	.15	.7	.57	1.9	.5	.49	.5	2	.2	1.31	.24	5.9	.4	.030	.2	.30	.5
6224469	6254653	6.66	94	1	3.3	.05	.88	.5	.5	.7	.6	43	.19	.6	.57	1.7	.5	.51	.5	2	.2	1.30	.24	6.0	.4	.020	.1	.10	.5
6224471	6254654	6.72	57	1	2.8	.05	.85	.5	.5	.2	.6	30	.21	1.0	.42	3.9	.5	.44	.5	2	.2	1.00	.23	6.2	.2	.010	.1	.20	.5
6224472	6254655	6.84	77	1	3.9	.05	1.37	.5	.5	.2	.2	206	.17	.8	.53	8.3	.5	.60	.5	2	.2	1.35	.31	8.0	.6	.020	.1	.10	.5
6224473	6254656	6.70	89	1	4.1	.05	1.46	.5	.5	.2	.2	225	.20	.8	.55	10.0	.5	.60	.5	2	.2	1.41	.30	8.4	.6	.020	.2	.10	.5
6224474	6254657	7.18	17	1	3.7	.05	1.71	.5	.5	.7	.2	68	.30	.6	.71	1.7	.5	.70	.5	2	.2	1.98	.40	9.5	.2	.020	.1	.05	.5
6224475	6254658	6.80	80	1	4.0	.05	1.60	.5	.5	1.2	.2	207	.28	.8	.56	8.3	.5	.68	.5	2	.2	1.55	.35	9.3	.7	.020	.3	.20	.5
6224476	6254659	6.42	120	1	5.2	.05	1.65	.5	.5	2.1	.6	782	.17	.7	.52	9.4	2.0	.46	.5	6	.2	.97	.24	9.2	1.7	.020	.8	.30	1.0
6224477	6254660	6.48	142	1	4.3	.05	1.49	.5	.5	.2	.2	220	.17	.7	.62	8.1	.5	.59	.5	2	.2	1.53	.30	9.2	.8	.020	.1	.10	.5
6224478	6254661	6.28	155	1	4.2	.05	1.15	.5	.5	.2	.7	308	.14	.7	.47	5.6	.5	.58	.5	2	.2	1.64	.28	8.5	.9	.020	.1	.10	.5
6224479	6254662	6.28	167	1	4.6	.05	1.17	.5	.5	.8	.2	325	.13	.6	.47	5.3	.5	.54	.5	2	.2	1.77	.23	8.3	.9	.030	.1	.20	.5
6224481	6254663	6.64	28	1	2.6	.05	.77	.5	.5	.2	.2	61	.24	.3	.54	1.2	.5	.38	.5	2	.2	.16	.13	4.4	.1	.010	.1	.05	.5
6224482	6254664	6.60	58	1	3.0	.05	1.08	.5	.5	.2	.2	254	.18	.8	.59	3.9	.5	.49	.5	10	.2	.89	.17	6.2	.3	.010	.1	.05	.5
6224483	6254665	6.75	89	1	3.4	.05	1.55	.5	.5	.2	.2	275	.18	1.1	.71	3.3	.5	.69	.5	2	.2	1.14	.27	9.6	.5	.070	.4	.20	.5
6224484	6254666	6.52	133	1	4.1	.05	1.55	.5	.5	.7	.2	289	.17	.3	.62	3.1	.5	.69	.5	2	.2	1.70	.25	9.9	.6	.100	.3	.10	.5
6224485	6254667	6.44	71	1	2.0	.05	.71	.5	.5	.2	.2	74	.26	.6	.52	1.0	.5	.62	.5	2	.2	.40	.23	5.1	.3	.020	.1	.10	.5
6224486	6254668	6.52	55	1	3.1	.05	.81	.5	.5	.2	.2	72	.29	.8	.43	1.9	2.0	.51	.5	2	.2	1.24	.21	6.7	.7	.030	.4	.20	.5
6224487	6254669	6.30	59	1	2.6	.05	.58	.5	.5	.9	.2	60	.18	.7	.30	1.0	.5	.52	.5	2	.2	.38	.18	5.1	.4	.020	.3	.20	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224488	6254670	6.34	82	1	2.8	.05	.69	.5	.5	.2	.2	72	.19	.5	.41	1.2	.5	.55	.5	2	.2	.42	.20	5.6	.3	.020	.2	.05	.5
6224489	6254671	5.90	95	1	4.2	.05	.69	.5	.5	.2	.8	423	.15	.7	.48	6.9	.5	.32	.5	2	.2	.38	.17	5.6	.6	.030	.1	.05	1.0
6224491	6254672	5.95	115	1	3.6	.05	.69	.5	.5	.2	.2	174	.16	.4	.34	4.2	.5	.49	.5	2	.2	.48	.18	6.2	.5	.030	.3	.05	1.0
6224492	6254673	6.28	142	1	4.4	.05	.67	.5	.5	.6	.2	96	.15	.7	.33	2.7	.5	.57	.5	2	.2	1.12	.19	6.9	.5	.030	.3	.30	.5
6224493	6254674	6.12	138	1	4.5	.05	.65	.5	.5	1.1	.2	97	.18	1.0	.33	2.6	.5	.57	.5	2	.2	1.12	.19	7.0	.5	.020	.3	.30	1.0
6224494	6254675	6.13	111	1	4.3	.05	.71	.5	.5	.2	.2	252	.17	.8	.33	5.2	.5	.49	.5	2	.2	.91	.17	6.8	.8	.030	.2	.30	.5
6224495	6254676	6.93	50	1	3.1	.05	1.20	.5	.5	.2	.2	329	.23	.8	.73	6.8	.5	.50	.5	6	.2	.61	.18	7.6	.3	.005	.1	.20	.5
6224496	6254677	6.42	95	1	3.6	.05	.95	.5	.5	.2	.6	181	.17	.9	.51	1.6	2.0	.57	.5	2	.2	.51	.24	6.9	1.0	.020	.1	.10	.5
6224497	6254678	6.71	57	1	2.3	.05	1.03	.5	.5	.2	.5	71	.28	.6	.55	1.0	.5	.58	.5	2	.2	.64	.25	6.6	.3	.010	.1	.05	.5
6224498	6254679	6.71	38	1	2.9	.05	.94	.5	.5	.2	.5	10	.26	.9	.37	1.0	.5	.53	.5	2	.2	.85	.24	6.7	.2	.020	.3	.05	.5
6224499	6254680	6.72	39	1	2.7	.05	1.16	.5	.5	.2	.7	38	.24	.3	.53	2.8	.5	.46	.5	2	.2	.93	.26	7.1	.2	.020	.5	.10	.5
6224501	6254681	6.37	55	1	8.3	.05	1.06	.5	.5	.5	1.0	255	.21	.8	.37	2.1	.5	.42	.5	2	.2	.37	.17	9.8	.3	.040	.1	.10	.5
6224502	6254682	6.68	32	1	3.6	.05	.97	.5	.5	1.3	.2	69	.25	.7	.36	1.6	.5	.44	.5	2	.2	.87	.22	7.3	.1	.030	.1	.05	.5
6224503	6254683	6.49	68	1	5.5	.05	.97	.5	.5	.2	.2	87	.25	.5	.37	1.8	.5	.45	.5	2	.2	.52	.24	8.9	.3	.030	.6	.10	.5
6224504	6254684	6.47	63	1	4.5	.05	1.00	.5	.5	.2	.2	127	.23	.1	.42	4.5	.5	.45	.5	2	.2	.85	.20	6.9	.2	.010	.1	.05	.5
6224505	6254685	6.53	98	1	6.3	.05	1.13	.5	.5	.8	.2	257	.24	.1	.45	6.0	.5	.62	.5	2	.2	1.60	.24	9.7	.3	.040	.1	.05	.5
6224506	6254686	6.21	114	1	4.7	.05	1.02	.5	.5	.2	.2	190	.21	.1	.40	2.1	.5	.49	.5	2	.2	.79	.17	9.0	.3	.040	.1	.05	.5
6224507	6254687	6.53	63	1	3.7	.05	.98	.5	.5	.2	.2	137	.19	.1	.43	5.1	.5	.42	.5	2	.2	.84	.20	6.8	.2	.010	.1	.05	.5
6224508	6254688	6.54	42	1	4.2	.05	.96	.5	.5	.2	.2	90	.22	.1	.42	2.6	.5	.45	.5	2	.2	.91	.20	7.5	.1	.040	.1	.05	.5
6224509	6254689	6.24	121	1	3.6	.05	.79	.5	.5	.2	.2	193	.23	.1	.32	4.9	.5	.45	.5	2	.2	.68	.20	6.1	.4	.020	.1	.05	1.0
6224511	6254690	6.45	56	1	3.6	.05	1.01	.5	.5	.2	.2	151	.26	.1	.45	3.9	.5	.54	.5	6	.2	.80	.21	6.9	.1	.020	.1	.05	.5
6224512	6254691	6.57	54	1	3.5	.05	1.06	.5	.5	.2	.2	114	.23	.1	.48	1.6	1.0	.52	.5	2	.2	.78	.21	7.2	.5	.020	.1	.05	.5
6224513	6254692	6.70	65	1	2.9	.05	1.18	.5	.5	1.0	.2	201	.28	.1	.55	5.7	.5	.57	.5	2	.2	.87	.23	7.4	.4	.020	.1	.05	.5
6224514	6254693	6.41	59	1	2.9	.05	.86	.5	.5	.2	.2	107	.19	.1	.41	1.9	.5	.45	.5	2	.2	.24	.19	5.3	.1	.010	.1	.05	.5
6224515	6254694	6.86	20	1	4.2	.05	2.31	.5	.5	.2	.2	171	.46	.1	1.17	3.8	.5	.77	.5	15	.2	.51	.25	12.4	.1	.005	.1	.05	.5
6224516	6254695	6.67	64	1	2.7	.05	1.86	.5	.5	.2	.2	160	.23	.1	.96	3.2	.5	.62	.5	14	.2	.47	.15	9.5	.2	.010	.1	.05	.5
6224517	6254696	6.81	19	1	2.1	.05	1.14	.5	.5	.2	.2	41	.28	.1	.56	4.2	.5	.47	.5	2	.2	.53	.25	6.0	.1	.010	.1	.05	.5
6224518	6254697	6.92	57	1	1.7	.05	1.68	.5	.5	.2	.2	187	.23	.1	.94	1.4	.5	.62	.5	2	.2	.75	.27	8.2	.1	.005	.1	.05	.5
6224519	6254698	6.34	123	1	3.3	.05	1.62	.5	.5	.2	.2	292	.30	.1	.89	5.5	.5	.63	.5	7	.2	.53	.25	9.2	.7	.005	.1	.05	.5
6224521	6254699	6.50	39	1	1.3	.05	.80	.5	.5	.2	.2	96	.22	.1	.42	1.1	.5	.42	.5	2	.2	.18	.15	3.9	.1	.005	.1	.05	.5
6224522	6254700	6.56	82	1	2.5	.05	1.29	.5	.5	.6	.2	141	.33	.1	.81	3.1	2.0	.63	.5	10	.2	.21	.36	6.4	.9	.005	.1	.10	.5
6224523	6254701	6.88	38	1	1.5	.05	1.41	.5	.5	.6	.2	28	.38	.1	.81	1.0	.5	.80	.5	2	.2	.43	.22	7.8	.1	.020	.1	.05	.5
6224524	6254702	6.40	11	1	1.4	.05	.83	.5	.5	.2	.2	111	.15	.1	.41	1.0	.5	.22	.5	2	.2	.06	.14	3.8	.1	.005	.1	.05	.5
6224525	6254703	6.07	146	1	4.2	.05	1.08	.5	.5	.2	.2	205	.16	.1	.47	3.1	.5	.64	.5	2	.2	1.12	.21	9.0	.4	.040	.1	.05	.5
6224526	6254704	6.16	146	1	4.8	.05	1.09	.5	.5	.2	.2	200	.22	.1	.46	3.0	.5	.65	.5	2	.2	1.11	.20	9.3	.5	.040	.1	.05	.5
6224527	6254705	5.94	101	1	3.2	.05	.80	.5	.5	.2	.2	151	.17	.1	.36	3.3	.5	.50	.5	2	.2	.39	.17	6.2	.3	.030	.1	.05	.5
6224528	6254706	5.99	180	1	3.9	.05	1.10	.5	.5	.2	.2	375	.15	.1	.53	4.0	.5	.64	.5	2	.2	.83	.20	9.1	.8	.050	.1	.05	.5
6224529	6254707	6.38	88	1	4.1	.05	1.20	.5	.5	.2	.2	296	.24	.1	.59	3.6	.5	.68	.5	2	.2	1.02	.20	8.9	.6	.050	.1	.05	.5
6224531	6254708	6.80	34	1	3.1	.05	.98	.5	.5	.2	.2	109	.30	.1	.60	4.0	.5	.58	.5	2	.2	1.12	.21	7.2	.2	.040	.1	.05	.5
6224532	6254709	6.25	139	1	6.2	.05	1.18	.5	.5	.2	.2	333	.19	.1	.47	5.0	2.0	.62	.5	2	.2	1.42	.17	11.0	1.1	.040	.1	.05	.5
6224533	6254710	6.73	34	1	3.1	.05	1.05	.5	.5	.2	.2	117	.32	.1	.61	2.9	.5	.56	.5	2	.2	1.13	.22	7.6	.2	.030	.1	.05	.5
6224534	6254711	6.52	59	1	3.4	.05	.87	.5	.5	.2	.2	163	.25	.1	.53	3.9	.5	.66	.5	2	.2	.85	.19	6.8	.3	.020	.1	.05	.5
6224535	6254712	6.76	48	1	4.9	.05	1.11	.5	.5	.2	.2	115	.30	.1	.54	1.0	.5	.67	.5	2	.2	1.33	.22	10.0	.2	.030	.1	.05	.5
6224536	6254713	5.52	136	1	6.4	.05	.97	.5	.5	.2	.2	389	.18	.1	.42	3.8	.5	.56	.5	2	.2	1.63	.15	8.8	1.2	.020	.1	.05	.5
6224537	6254714	6.07	19	2	1.7	.05	.28	.5	.5	.2	.2	18	.21	.1	.15	1.1	.5	.39	.5	2	.2	.10	.16	2.2	.1	.005	.1	.05	.5
6224538	6254715	6.34	140		4.5	.05	1.08	.5	.5	.2	.2	257	.22	.1	.49	6.3	.5	.70	.5	2	.2	1.32	.16	9.8	.5	.030	.1	.05	.5
6224539	6254716	6.19	104		4.4	.05	.94	.5	.5	.2	.2	235	.18	.1	.42	6.2	.5	.69	.5	2	.2	1.37	.15	8.7	.3	.020	.1	.05	.5
6224541	6254717	6.96	41		11.2	.05	1.47	.5	.5	.2	.2	126	.28	.1	.75	1.9	.5	.77	.5	2	.2	1.52	.18	14.0	.2	.020	.1	.05	.5
6224542	6254718	6.21	177		6.4	.05	.98	.5	.5	.2	.2	251	.21	.1	.45	7.9	.5	.72	.5	2	.2	2.31	.17	9.3	1.3	.040	.1	.10	.5
6224543	6254719	6.35	90		4.7	.05	.93	.5	.5	.2	.2	244	.26	.1	.43	6.7	.5	.72	.5	2	.2	1.70	.17	7.9	.5	.030	.1	.05	.5
6224544	6254720	6.28	67		3.2	.05	.71	.5	.5	.2	.2	190	.24	.1	.35	1.7	.5	.59	.5	2	.2	.55	.16	5.9	.4	.020	.1	.10	.5
6224545	6254721	6.23	95		3.5	.05	.87	.5	.5	.2	.2	181	.18	.1	.49	2.4	.5	.60	.5	5	.2	.57	.22	7.3	.6	.020	.1	.05	.5
6224546	6254722	6.21	60		3.0	.05	.55	.5	.5	.2	.2	105	.19	.1	.27	2.3	.5	.44	.5	2	.2	.39	.17	4.3	.2	.020	.1	.05	.5
6224547	6254723	6.16	92		3.9	.05	.68	.5	.5	.2	.2	211	.24	.1	.30	2.3	.5	.54	.5	2	.2	.60	.15	5.8	.5	.030	.1	.05	.5
6224548	6254724	5.57	152		4.1	.05	.59	.5	.5	.2	.2	135	.16	.1	.26	4.3	.5	.54	.5	2	.2	.54	.14	5.5	.4	.030	.1	.05	.5
6224549	6254725	5.70	98		4.5	.05	.65	.5	.5	.2	.2	185	.20	.1	.26	4.0	.5	.48	.5	2	.2	.61	.13	5.9	.3	.020	.1	.05	.5
6224551	6254726	5.58	99		4.6	.05	.64	.5	.5	.2	.2	179	.24	.1	.25	4.4	.5	.51	.5	2	.2	.59	.14	5.9	.5	.020	.1	.05	.5
6224552	6254727	5.99	66		4.7	.05	.66	.5	.5	.2	.2	217	.17	.1	.25	3.8	.5	.48	.5	2	1.0	.47	.16	6.1	.6	.020	.1	.05	.5
6224553	6254728	5.98	149		5.3	.05	.97	.5	.5	.2	.2	420	.13	.5	.48	6.5	.5	.63	.5	2	.2	1.09	.16	8.7	.9	.030	.1	.05	.5
6224554	6254729	6.14	117		4.8	.05	.89	.5	.5	.2	.2	200	.08	.1	.48	3.2	.5	.54	4.0	6	.2	.73	.17	7.9	.4	.030	.1	.05	1.0
6224555	6254730	6.66	51		4.9	.05	1.15	.5	.5	.2	.2	141	.20	.1	.55	4.6	.5	.54	3.0	2	.2	1.28	.21	8.6	.3	.030	.1	.05	1.0
6224556	6254731	6.43	91		6.8	.05	1.37	.5	.5	.2	.2	452	.12	.1	.54	13.2	.5	.65	.5	2	.2	1.59	.18	11.2	.5	.030	.1	.05	2.0
6224557	6254732	6.68	83		5.1	.05	1.18	.5	.5	.6	.2	519	.11	.1	.49	10.5	.5	.63	.5	2	.2	1.29	.20	9.5	.5	.020	.1	.05	.5
6224558	6254733	6.00	127		8.6	.05	.97	.5	.5	.8	.2	174	.05	.2	.32	4.2	.5	.51	.5	2	.2	.95	.14	9.5	.5	.030	.4	.05	.5
6224559	6254734	5.31	50		1.6	.05	.39	.5	.5	.2	.2	76	.01	.1	.16	2.5	.5	.28	.5	2	.2	.15	.16	2.0	.2	.005	.2	.05	.5
6224561	6254735	6.30	75		5.5	.05	.96	.5	.5	.2	1.2	316	.08	.1	.43	4.4	.5	.46	.5	2	.2	.41	.16	7.7	.3	.020	.1	.05	1.0
6224562	6254736	6.41	79		5.1	.05	1.00	.5	.5	.2	.2	137	.16	.1	.40	3.2	.5	.54	.5	2	.2	.85	.23	7.0	.3	.020	.3	.05	.5
6224563	6254737	6.35	85		4.3	.05	.82	.5	.5	.2	.2	129	.12	.1	.33	2.5	.5	.47	.5	2	.2	.58	.19	6.1	.3	.020	.1	.05	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224564	6254738	6.02	98		5.5	.05	.90	.5	.5	.2	.2	214	.05	.1	.37	3.7	.5	.45	.5	2	.2	.38	.18	7.6	.3	.020	.1	.05	.5
6224565	6254739	6.20	76		4.7	.05	.89	.5	.5	.2	.2	214	.06	.1	.41	2.0	.5	.46	.5	2	.2	.30	.15	7.3	.3	.020	.1	.05	.5
6224566	6254740	6.31	70		5.9	.05	1.13	.5	.5	.2	.2	454	.01	.1	.43	3.1	2.0	.45	.5	2	.2	.56	.15	9.0	.7	.010	.1	.05	.5
6224567	6254741	6.29	187		8.3	.05	1.40	.5	.5	.2	.2	229	.10	.3	.67	5.2	.5	.61	.5	2	.2	1.90	.20	11.6	.8	.040	.3	.05	1.0
6224568	6254742	7.00	9		5.5	.05	1.13	.5	.5	.2	.2	5	.21	.1	.49	1.0	.5	.62	.5	2	.2	.82	.20	8.2	.1	.030	.1	.05	.5
6224569	6254743	6.80	77		5.4	.05	1.33	.5	.5	.2	.2	552	.20	.4	.76	3.3	.5	.59	.5	2	.2	.74	.20	9.5	.7	.040	.2	.05	.5
6224571	6254744	6.18	137		10.7	.05	1.33	.5	.5	.2	.2	606	.16	.1	.51	6.9	.5	.65	.5	2	.2	1.82	.18	11.5	.7	.030	.5	.05	2.0
6224572	6254745	6.31	92		8.5	.05	1.21	.5	.5	.2	.2	522	.07	.4	.52	6.0	.5	.67	.5	2	.2	1.52	.15	10.9	.4	.020	.1	.05	1.0
6224573	6254746	6.43	39		8.1	.05	.97	.5	.5	.2	.2	245	.09	.1	.41	1.8	.5	.46	.5	2	.2	.24	.17	9.9	.2	.010	.2	.05	.5
6224574	6254747	6.02	151		8.9	.05	1.21	.5	.5	.2	.2	313	.07	.4	.50	6.3	.5	.58	.5	2	.2	1.33	.18	10.3	.6	.020	.1	.05	1.0
6224575	6254748	5.51	163		6.6	.05	.97	.5	.5	.2	.2	495	.04	.2	.39	6.3	.5	.54	.5	2	.2	1.25	.16	8.4	.7	.020	.1	.05	1.0
6224576	6254749	6.11	108		6.2	.05	.96	.5	.5	.2	.2	240	.13	.4	.40	3.5	2.0	.47	.5	2	.2	.77	.17	9.7	.8	.020	.4	.05	2.0
6224577	6254750	6.20	129		5.3	.05	1.15	.5	.5	.2	.2	334	.10	.4	.52	4.4	.5	.54	.5	2	.2	.88	.20	9.0	.7	.010	.1	.05	1.0
6224578	6254751	6.37	1		.1	.05	.62	.5	.5	.2	.2	71	.10	.1	.34	1.4	.5	.45	.5	2	.2	.14	.18	.5	.1	.020	.1	.05	.5
6224579	6254752	6.25	37		5.6	.05	.80	.5	.5	.2	.2	214	.04	.2	.33	2.3	.5	.36	.5	2	.2	.06	.14	8.3	.2	.005	.1	.05	1.0
6224581	6254753	6.05	155		3.4	.05	.99	.5	.5	.2	.2	342	.01	.3	.56	12.5	.5	.44	.5	2	.2	.69	.16	7.6	.3	.005	.1	.05	1.0
6224582	6254754	6.49	114		7.9	.05	1.27	.5	.5	.2	.2	445	.08	.1	.53	5.4	.5	.61	.5	2	.2	1.37	.23	11.2	.7	.020	.2	.05	1.0
6224583	6254755	6.31	111		5.8	.05	1.01	.5	.5	.2	.2	376	.01	.4	.41	6.7	.5	.53	.5	2	.2	.76	.19	9.2	.5	.010	.1	.05	1.0
6224584	6254756	6.16	142		8.4	.05	1.22	.5	.5	.2	.2	273	.07	.2	.52	4.1	.5	.64	.5	2	.2	.98	.17	11.3	.6	.010	.1	.05	1.0
6224585	6254757	6.55	96		6.8	.05	1.43	.5	.5	.2	.2	432	.05	.4	.63	6.4	.5	.59	.5	2	.2	1.41	.18	11.9	.5	.010	.1	.05	1.0
6224586	6254758	6.71	98		6.5	.05	1.43	.5	.5	.2	.2	438	.11	.4	.63	6.0	2.0	.58	.5	2	.2	1.43	.17	11.6	.9	.020	.5	.05	.5
6224587	6254759	6.57	95		6.3	.05	1.44	.5	.5	.2	.2	427	.11	.1	.69	5.2	.5	.62	.5	2	.2	1.12	.19	12.7	.6	.020	.1	.05	1.0
6224588	6254760	6.41	86		4.4	.05	1.01	.5	.5	1.1	.2	182	.13	.3	.46	2.1	.5	.57	.5	2	.2	.69	.18	8.9	.4	.040	.1	.05	.5
6224589	6254761	6.64	60		5.2	.05	1.00	.5	.5	.2	.2	183	.13	.1	.50	2.7	.5	.56	.5	2	.2	.66	.17	8.5	.2	.020	.3	.05	.5
6224591	6254762	6.44	61		5.1	.05	1.01	.5	.5	.2	.2	212	.12	.4	.48	3.6	.5	.58	.5	2	.2	.66	.18	8.6	.3	.030	.1	.05	1.0
6224592	6254763	6.36	119		7.8	.05	1.05	.5	.5	.2	.2	338	.09	.3	.49	4.0	.5	.59	.5	2	.2	.63	.18	10.9	.5	.050	.3	.05	1.0
6224593	6254764	6.59	49		6.9	.05	1.20	.5	.5	.2	.2	350	.17	.1	.51	2.5	.5	.59	.5	2	.2	.76	.17	9.7	.4	.040	.1	.05	.5
	6274765	6.61	57		5.0	.05	1.08	.5	.5	.2	.2	158	.15	.1	.40	4.5	.5	.54	.5	2	.2	1.00	.20	8.2	.2	.030	.1	.05	.5
6224595	6254766	6.20	116		5.0	.05	.79	.5	.5	.2	.2	182	.13	.1	.40	4.6	.5	.57	.5	2	.2	.68	.16	7.9	.6	.060	.1	.10	2.0
6224596	6254767	6.24	82		4.2	.05	.73	.5	.5	1.0	.2	168	.08	.2	.32	5.2	2.0	.51	.5	2	.2	.76	.17	6.6	.9	.040	.3	.10	1.0
6224597	6254768	5.89	116		4.2	.05	.68	.5	.5	.2	.2	185	.05	.1	.31	4.0	.5	.48	.5	2	.2	.19	.15	6.5	.4	.010	.1	.05	1.0
6224598	6254769	6.03	51		3.2	.05	.51	.5	.5	.2	.2	109	.09	.4	.27	1.7	.5	.37	.5	2	.2	.11	.13	4.2	.2	.005	.1	.05	.5
6224599	6254770	5.98	1		.1	.05	.77	.5	.5	.2	.2	209	.09	.1	.37	4.4	.5	.42	.5	2	.2	.67	.14	.5	.1	.020	.1	.05	.5
6224601	6254771	5.84	79		5.5	.05	.89	.5	.5	.2	.2	109	.08	.1	.34	2.7	.5	.56	.5	2	.2	1.38	.19	8.9	.4	.005	.1	.05	.5
6224602	6254772	6.29	46		3.4	.05	.64	.5	.5	.2	.2	94	.07	.1	.43	1.4	.5	.57	.5	2	.2	.11	.15	5.8	.2	.005	.1	.05	.5
6224603	6254773	6.11	22		2.3	.05	.46	.5	.5	.2	.2	144	.09	.1	.23	2.4	.5	.32	.5	2	.2	.09	.09	3.9	.1	.005	.1	.05	.5
6224604	6254774	6.47	68		5.0	.05	1.05	.5	.5	.2	.2	214	.15	.2	.43	4.4	.5	.61	.5	2	.2	1.30	.19	9.0	.4	.040	.1	.05	.5
6224605	6254775	6.64	83		24.9	.05	1.33	.5	.5	.2	.2	351	.32	.1	.80	4.8	.5	.77	.5	2	.2	1.83	.27	11.8	.7	.100	.5	.05	2.0
	6274776	6.51	60		4.6	.05	1.08	.5	.5	.7	.2	177	.15	.1	.47	5.5	2.0	.55	.5	2	.2	1.14	.20	8.4	.7	.040	.1	.05	.5
6224607	6254777	6.38	22		1.6	.05	.39	.5	.5	.2	.2	5	.11	.3	.20	1.0	.5	.38	.5	2	.2	.26	.21	2.8	.2	.005	.1	.05	.5
6224608	6254778	6.61	92		6.9	.05	1.29	.5	.5	.2	.2	260	.16	.2	.71	3.3	.5	.68	.5	2	.2	1.39	.21	10.5	.7	.110	.3	.05	1.0
6224609	6254779	6.95	26		5.1	.05	1.32	.5	.5	.2	.2	95	.27	.1	.73	9.9	.5	.72	.5	2	.2	1.94	.22	10.3	.2	.050	.1	.05	.5
6224611	6254780	5.58	45		2.6	.05	.45	.5	.5	.2	.2	101	.04	.1	.19	4.4	.5	.33	.5	2	.2	.08	.12	3.6	.1	.005	.1	.05	1.0
6224612	6254781	5.32	80		4.3	.05	.72	.5	.5	.2	.2	157	.07	.1	.28	2.7	.5	.51	.5	2	.2	.41	.15	6.5	.2	.005	.1	.05	1.0
6224613	6254782	6.03	63		3.9	.05	.83	.5	.5	.2	.2	121	.16	.1	.39	1.6	.5	.58	.5	2	.2	.34	.17	6.8	.2	.005	.1	.05	.5
6224614	6254783	6.32	83		4.9	.05	1.30	.5	.5	.2	.2	398	.14	.1	.53	2.8	.5	.64	.5	2	.2	1.11	.18	10.9	.5	.040	.3	.05	.5
6224615	6254784	6.08	109		4.2	.05	.96	.5	.5	.2	.2	301	.12	.5	.53	4.7	.5	.47	.5	2	.2	.58	.17	7.9	.4	.010	.1	.05	2.0
6224616	6254785	6.37	51		5.8	.05	.93	.5	.5	.2	.2	43	.19	.3	.35	1.1	2.0	.60	.5	2	.2	.47	.17	8.9	.5	.070	.4	.05	.5
6224617	6254786	6.37	51		5.9	.05	.92	.5	.5	.5	.2	47	.16	.1	.35	1.0	.5	.61	.5	2	.2	.47	.18	8.9	.3	.070	.3	.05	.5
6224618	6254787	5.79	38		1.8	.05	.36	.5	.5	.2	.2	33	.05	.1	.17	1.8	.5	.33	.5	2	.2	.11	.17	2.8	.1	.010	.1	.05	1.0
6224619	6254788	6.55	97		6.3	.05	1.14	.5	.5	.2	.2	127	.18	.4	.49	1.3	.5	.69	.5	2	.2	1.72	.18	10.2	.4	.080	.4	.05	.5
6224621	6254789	6.17	144		7.7	.05	.99	.5	.5	.2	.2	159	.12	.1	.38	2.0	.5	.65	.5	2	.2	1.57	.16	10.2	.5	.120	.3	.05	1.0
6224622	6254790	6.39	83		5.4	.05	1.16	.5	.5	.2	.2	282	.21	.5	.45	4.5	.5	.62	.5	2	.2	1.10	.19	9.2	.5	.050	.1	.05	.5
6224623	6254791	6.24	21		1.8	.05	.40	.5	.5	.2	.2	18	.11	.2	.19	2.2	.5	.43	.5	2	.2	.16	.19	2.7	.3	.010	.2	.05	.5
6224624	6254792	6.48	80		4.3	.05	1.45	.5	.5	.2	.2	404	.32	.1	.76	2.5	.5	.93	.5	9	.2	1.59	.26	9.7	.9	.100	.1	.05	.5
6224625	6254793	6.44	37		2.7	.05	.73	.5	.5	.2	.2	80	.16	.3	.35	1.8	.5	.56	.5	2	.2	.60	.14	5.7	.3	.030	.1	.05	.5
6224626	6254794	6.21	52	1	3.5	.05	.78	.5	.5	1.0	.2	109	.11	.6	.28	1.9	1.0	.54	.5	2	.2	.64	.13	6.6	.7	.030	.1	.05	.5
6224627	6254795	6.34	101	1	4.3	.05	.99	.5	.5	.2	.2	109	.03	.6	.31	2.2	.5	.63	.5	2	.2	.97	.15	7.8	.5	.070	.1	.05	2.0
6224628	6254796	6.70	12	2	2.0	.05	.81	.5	.5	.2	.2	11	.17	.1	.33	1.1	.5	.58	.5	2	.2	1.10	.12	4.9	.2	.020	.1	.05	.5
6224629	6254797	6.30	71	1	4.6	.05	.85	.5	.5	.2	.2	84	.10	.3	.25	1.7	.5	.58	.5	2	.2	.47	.15	7.1	.2	.120	.4	.05	1.0
6224631	6254798	6.32	45	1	3.7	.05	.80	.5	.5	.2	.2	103	.13	.1	.30	2.2	.5	.55	.5	2	.2	.54	.16	6.1	.3	.030	.1	.05	.5
6224632	6254799	6.30	44	1	3.1	.05	.81	.5	.5	.2	.2	107	.17	.1	.30	2.0	.5	.54	.5	2	.2	.55	.17	5.9	.2	.020	.1	.05	.5
6224633	6254800	5.18	180	1	4.3	.05	.86	.5	.5	.2	.2	328	.01	.2	.26	2.9	.5	.43	.5	2	.2	.28	.13	8.1	.7	.100	.4	.05	1.0
	6274801	5.38	110	1	3.8	.05	.70	.5	.5	.2	.2	263	.01	.4	.26	2.6	.5	.49	.5	2	.2	.32	.10	7.0	.4	.020	.1	.05	1.0
6224635	6254802	5.91	161	3	7.4	.05	1.17	.5	.5	.2	.2	328	.08	.3	.36	5.0	.5	.62	.5	2	.2	1.33	.18	11.0	1.1	.250	.1	.05	1.0
6224636	6254803	6.03	82	1	5.0	.05	.83	.5	.5	.2	.2	135	.09	.1	.28	2.1	2.0	.53	.5	2	1.0	.38	.15	7.9	.8	.370	.3	.05	1.0
6224637	6254804	5.84	129	1	5.9	.05	1.00	.5	.5	.2	.2	165	.10	.1	.35	3.2	.5	.66	.5	2	.2	1.04	.16	10.0	.7	.210	.1	.05	1.0
	6274805	6.52	84	1	6.4	.05	1.27	.5	.5	.2	.2	252	.19	.5	.53	3.7	.5	.75	.5	2	.2	1.75	.18	10.8	.6	.100	.1	.05	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224639	6254806	5.39	16	1	1.1	.05	.26	.5	.5	.2	.2	18	.03	.2	.08	4.0	.5	.16	.5	2	.2	.04	.10	1.2	.2	.010	.3	.05	.5
6224641	6254807	6.04	80	1	4.4	.05	.69	.5	.5	.2	.2	95	.09	.1	.30	2.2	.5	.49	.5	2	.2	.54	.18	6.1	.3	.020	.2	.05	1.0
6224642	6254808	5.55	75	1	3.9	.05	.45	.5	.5	.2	.2	190	.04	.1	.21	4.8	.5	.46	.5	2	.2	.13	.13	3.4	.2	.005	.1	.05	1.0
6224643	6254809	6.34	74	1	3.7	.05	.72	.5	.5	.2	.2	152	.10	.1	.31	3.6	.5	.58	.5	2	.2	.78	.16	6.4	.3	.040	.1	.05	.5
6224644	6254810	6.27	79	1	3.8	.05	.68	.5	.5	.2	.2	171	.04	.2	.30	4.6	.5	.58	.5	2	.2	.75	.16	6.0	.5	.040	.1	.05	1.0
6224645	6254811	6.33	86	1	4.0	.05	.72	.5	.5	.2	.2	165	.06	.3	.32	6.3	.5	.58	.5	2	.2	.72	.16	6.8	.5	.040	.1	.10	2.0
6224646	6254812	5.96	92	1	3.4	.05	.69	.5	.5	.6	.2	216	.05	.2	.25	4.0	2.0	.47	.5	2	1.0	.40	.11	6.2	.8	.020	.1	.05	1.0
6224647	6254813	5.74	118	1	3.7	.05	.62	.5	.5	.2	.2	234	.04	.1	.27	4.3	.5	.43	.5	2	.2	.24	.12	5.9	.5	.020	.1	.05	1.0
	6274814	5.52	62	1	3.8	.05	.65	.5	.5	.2	.2	271	.01	.1	.18	6.1	.5	.30	.5	2	.2	.17	.10	5.7	.2	.005	.1	.05	1.0
6224649	6254815	6.02	93	2	4.2	.05	.78	.5	.5	.2	.2	296	.07	.1	.27	3.8	.5	.61	.5	2	.2	1.25	.13	7.1	.3	.030	.1	.05	.5
6224651	6254816	5.71	136	1	6.6	.05	.78	.5	.5	.2	.2	136	.03	.1	.25	4.9	.5	.53	.5	2	.2	.64	.16	8.1	.6	.060	.1	.05	1.0
6224652	6254817	5.56	205	1	9.6	.05	.88	.5	.5	.2	.2	296	.04	.3	.33	5.1	.5	.59	.5	2	1.0	1.08	.18	9.9	1.0	.110	.3	.05	2.0
6224653	6254818	6.31	29	1	3.8	.05	.64	.5	.5	.2	.2	97	.05	.4	.31	1.7	.5	.53	.5	2	.2	.95	.11	6.3	.1	.010	.1	.05	1.0
6224654	6254819	5.05	46	1	2.0	.05	.28	.5	.5	.2	.2	51	.04	.3	.12	3.4	.5	.21	.5	2	.2	.05	.11	1.7	.2	.005	.1	.05	1.0
6224655	6254820	5.17	54	1	3.7	.05	.40	.5	.5	.2	.2	110	.01	.1	.18	3.5	.5	.28	2.0	2	.2	.05	.09	3.7	.1	.005	.1	.05	2.0
6224656	6254821	5.68	37	1	1.8	.05	.30	.5	.5	.2	.2	51	.11	.5	.13	2.9	.5	.30	.5	2	.2	.08	.10	2.4	.1	.010	.1	.05	1.0
6224657	6254822	6.29	33	1	2.5	.05	.65	.5	.5	.2	.2	42	.19	.1	.22	3.4	.5	.46	.5	2	.2	.23	.16	4.7	.1	.140	.1	.05	.5
6224658	6254823	6.54	193	3	9.5	.05	1.86	.5	.5	.2	.2	309	.14	.7	.59	3.0	.5	.99	.5	7	.2	2.17	.23	17.1	.9	.210	.4	.05	1.0
6224659	6254824	5.99	238	1	4.8	.05	1.14	.5	.5	.2	.2	467	.05	.2	.36	5.8	2.0	.61	.5	5	.2	1.02	.14	8.6	1.5	.240	.5	.05	1.0
6224661	6254825	6.08	141	1	3.3	.05	1.01	.5	.5	.2	.2	196	.07	.5	.30	3.8	.5	.56	.5	2	.2	.51	.14	7.4	.4	.080	.2	.05	.5
6224662	6254826	5.66	178	1	4.5	.05	.85	.5	.5	.2	.2	251	.01	.6	.26	4.7	.5	.47	.5	2	.2	.27	.13	7.6	.5	.060	.1	.05	2.0
6224663	6254827	5.92	185	1	3.7	.05	.66	.5	.5	.2	.2	191	.13	.6	.28	4.2	.5	.53	.5	2	.2	.69	.17	6.4	.6	.030	.1	.05	1.0
6224664	6254828	5.96	185	1	3.8	.05	.66	.5	.5	.2	.2	193	.13	.2	.28	4.2	.5	.55	.5	2	.2	.69	.16	6.3	.5	.040	.1	.10	1.0
6224665	6254829	6.31	75	1	2.8	.05	.69	.5	.5	.2	.2	41	.06	.1	.23	3.3	.5	.45	.5	2	.2	.58	.15	5.6	.1	.020	.1	.05	.5
6224666	6254830	6.29	208	1	4.6	.05	1.39	.5	.5	.2	.2	355	.11	.4	.40	4.8	.5	.69	.5	2	.2	1.08	.25	11.5	.6	.090	.3	.05	1.0
6224667	6254831	6.14	193	1	4.5	.05	1.36	.5	.5	.2	.2	366	.12	.3	.40	5.3	.5	.71	.5	2	.2	1.18	.21	11.2	.7	.080	.1	.05	.5
	6274832	5.02	229	1	8.2	.05	.64	.5	.5	.2	.2	237	.13	.4	.24	4.8	.5	.66	.5	8	.2	.24	.16	6.7	.7	.060	.1	.05	2.0
6224669	6254833	6.52	206	1	5.3	.05	1.76	.5	.5	.2	.2	374	.04	.7	.56	7.5	2.0	.70	.5	2	1.0	1.59	.17	12.4	1.0	.050	.1	.10	1.0
6224671	6254834	6.50	74	1	3.4	.05	1.21	.5	.5	.2	.2	185	.16	.5	.38	4.7	.5	.52	.5	2	.2	.88	.21	7.6	.3	.040	.1	.05	.5
6224672	6254835	7.01	21	1	3.2	.05	2.25	.5	.5	.2	.2	99	.15	.7	.66	1.4	.5	.46	.5	2	.2	.08	.14	9.0	.1	.005	.1	.05	.5
6224673	6254836	6.39	143	1	4.5	.05	1.33	.5	.5	.2	.2	267	.08	.1	.41	5.3	.5	.65	.5	2	.2	1.19	.23	9.2	.7	.080	.1	.05	1.0
6224674	6254837	6.24	160	1	4.5	.05	1.35	.5	.5	.2	.2	306	.08	.7	.41	5.9	.5	.63	.5	2	.2	1.14	.21	9.5	.7	.080	.5	.05	1.0
6224675	6254838	6.23	137	1	3.8	.05	1.25	.5	.5	.2	.2	265	.03	.3	.36	6.4	.5	.60	.5	2	.2	.88	.23	8.5	.5	.080	.3	.05	1.0
6224676	6254839	5.86	110	5	3.0	.05	.65	.5	.5	.2	.2	216	.04	.1	.24	3.7	.5	.45	.5	2	.2	.26	.12	4.9	.3	.010	.1	.05	1.0
6224677	6254840	6.07	131	2	3.4	.05	1.05	.5	.5	.2	.2	258	.09	.2	.31	7.2	.5	.51	.5	2	.2	.48	.19	7.1	.3	.050	.1	.05	1.0
6224678	6254841	5.98	130	1	3.3	.05	.80	.5	.5	.2	.2	280	.08	.1	.27	8.1	.5	.45	.5	2	.2	.51	.17	5.7	.6	.040	.4	.05	1.0
6224679	6254842	6.30	123	1	3.4	.05	.91	.5	.5	.2	.2	79	.13	.2	.32	1.1	2.0	.59	.5	2	2.0	.66	.15	7.2	.6	.170	.1	.05	1.0
6224681	6254843	6.11	155	1	3.6	.05	.96	.5	.5	.2	.2	424	.04	.7	.28	4.4	.5	.56	.5	6	.2	.52	.13	6.7	.8	.280	.1	.05	1.0
6224682	6254844	6.99	78	1	3.8	.05	1.79	.5	.5	.2	.2	55	.14	.4	.38	2.2	.5	.65	.5	2	.2	1.18	.21	9.4	.2	.550	.1	.05	.5
6224683	6254845	6.19	85	2	2.9	.05	.56	.5	.5	.2	.2	68	.12	.1	.26	1.8	.5	.50	.5	2	.2	.06	.15	4.4	.2	.140	.1	.05	.5
6224684	6254846	6.57	90		3.5	.05	1.09	.5	.5	.2	.2	53	.11	.7	.29	1.1	.5	.62	.5	2	.2	.92	.14	8.6	.1	.170	.1	.05	1.0
6224685	6254847	5.71	65	1	2.5	.05	.49	.5	.5	.2	.2	46	.11	.2	.14	2.2	.5	.34	.5	2	.2	.12	.12	3.5	.1	.090	.1	.05	.5
6224686	6254848	6.02	92	1	3.7	.05	.55	.5	.5	.2	.2	43	.10	.1	.20	3.1	.5	.50	.5	2	.2	.29	.15	5.3	.1	.100	.1	.05	2.0
6224687	6254849	5.54	275	1	6.8	.05	.91	.5	.5	.2	.2	450	.07	.1	.39	4.5	.5	.69	.5	5	.2	1.88	.18	10.3	1.5	.130	.1	.05	1.0
6224688	6254850	5.60	199	1	4.9	.05	.71	.5	.5	.2	.2	166	.06	.5	.29	5.8	.5	.57	.5	2	.2	.98	.15	7.6	.6	.290	.1	.05	2.0
	6274851	5.36	200	1	3.5	.05	.47	.5	.5	.2	.2	366	.14	.7	.21	3.2	2.0	.71	.5	2	2.0	2.46	.16	5.3	1.6	.190	.3	.20	1.0
6224691	6254852	4.91	156	1	2.8	.05	.37	.5	.5	.2	.2	222	.04	.5	.17	3.6	.5	.40	.5	2	.2	.19	.09	4.6	.4	.050	.3	.05	1.0
6224692	6254853	5.05	154	1	4.1	.05	.34	.5	.5	.2	.2	123	.07	.1	.17	3.3	.5	.31	.5	2	.2	.03	.10	4.5	.1	.030	.2	.05	2.0
6224693	6254854	5.38	169	1	5.4	.05	.78	.5	.5	.2	.2	313	.06	.1	.31	5.9	.5	.55	.5	2	.2	.93	.12	8.4	.7	.080	.1	.05	3.0
6224694	6254855	5.43	167	1	5.2	.05	.77	.5	.5	.2	.2	316	.09	.2	.30	5.7	.5	.53	.5	2	.2	.92	.12	8.2	.6	.080	.3	.05	1.0
6224695	6254856	5.24	62	1	1.4	.05	.22	.5	.5	.2	.2	68	.01	.1	.10	3.7	.5	.28	.5	2	.2	.06	.10	2.0	.1	.040	.1	.05	1.0
6224696	6254857	5.07	323	1	5.9	.05	.73	.5	.5	.2	.2	404	.01	.3	.33	4.4	.5	.66	.5	2	.2	1.66	.15	8.6	1.6	.470	.1	.05	2.0
6224697	6254858	5.54	209	2	4.3	.05	.76	.5	.5	.2	.2	495	.09	.6	.27	6.4	.5	.61	.5	6	.2	.87	.15	7.4	1.0	.510	.1	.05	1.0
6224698	6254859	5.34	1	1	.1	.05	.48	.5	.5	.2	.2	124	.07	.1	.20	4.4	.5	.47	.5	2	.2	.23	.13	.5	.1	.100	.1	.10	.5
6224699	6254860	5.58	148	1	3.4	.05	.47	.5	.5	.2	4.2	81	.06	.5	.19	4.5	2.0	.48	.5	2	1.0	.29	.16	4.8	.7	.070	.1	.05	1.0
6224701	6254861	5.18	305	1	6.3	.05	1.07	.5	.5	.2	9.7	209	.07	.6	.26	3.6	.5	.65	.5	6	.2	1.81	.17	12.8	1.5	.270	.1	.10	2.0
6224702	6254862	5.93	244	1	4.7	.05	1.06	.5	.5	.2	3.8	190	.08	.7	.38	2.7	.5	.77	.5	2	.2	1.49	.21	9.3	.8	.340	.1	.20	1.0
6224703	6254863	6.24	158	1	4.2	.05	.99	.5	.5	.2	.2	111	.17	.6	.38	1.4	.5	.81	.5	2	.2	.66	.15	8.9	.5	.200	.1	.05	.5
6224704	6254864	6.10	188	1	4.6	.05	1.12	.5	.5	.2	1.9	186	.06	.5	.31	2.9	.5	.78	.5	2	.2	1.85	.26	10.6	.6	.420	.2	.05	1.0
6224705	6254865	7.05	124	1	2.8	.05	2.38	.5	.5	.2	.2	81	.11	.6	.60	1.2	.5	.64	.5	2	.2	.71	.16	8.9	.2	.150	.2	.05	1.0
6224706	6254866	6.66	163	1	4.4	.05	1.95	.5	.5	.2	.2	242	.15	.2	.54	5.9	.5	.69	.5	2	.2	1.05	.19	10.1	.6	.160	.2	.05	1.0
6224707	6254867	7.78	78	3	6.0	.05	9.67	.5	.5	.2	.2	52	.11	.8	1.63	1.0	.5	.58	.5	2	.2	1.86	.29	18.4	.1	1.300	.1	.05	.5
6224708	6254868	5.98	177	1	3.8	.05	1.15	.5	.5	.2	.2	379	.04	.3	.34	7.1	.5	.54	.5	2	.2	.73	.21	8.0	.8	.090	.6	.05	1.0
6224709	6254869	6.28	121	1	3.5	.05	1.49	.5	.5	.2	.2	113	.09	.5	.37	2.6	1.0	.53	.5	2	1.0	.90	.17	8.1	.7	.190	.1	.05	1.0
6224711	6254870	6.38	121	1	3.9	.05	1.46	.5	.5	.2	.2	120	.13	.2	.38	3.3	.5	.54	.5	2	.2	.90	.16	8.4	.3	.180	.1	.10	1.0
6224712	6254871	6.02	141	1	4.1	.05	1.13	.5	.5	.2	.2	159	.10	.3	.36	2.0	.5	.73	.5	7	.2	.63	.17	8.0	.5	.050	.1	.05	1.0
6224713	6254872	5.47	157	1	2.6	.05	.47	.5	.5	.2	.2	68	.03	.5	.25	2.8	.5	.53	.5	2	.2	.47	.13	4.2	.3	.050	.1	.05	1.0
6224714	6254873	5.64	165	1	3.4	.05	1.05	.5	.5	.2	.2	97	.04	.8	.32	2.6	.5	.48	.5	2	.2	.14	.14	5.7	.4	.040	.1	.05	2.0

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224715	6254874	6.06	158	1	4.8	.05	1.33	.5	.5	.2	.2	342	.07	.6	.38	7.0	.5	.64	.5	2	.2	.74	.19	8.9	.5	.060	.1	.05	2.0
6224716	6254875	5.82	113	1	3.0	.05	.80	.5	.5	.2	.2	125	.12	.1	.34	1.9	.5	.62	.5	2	.2	.17	.14	5.2	.2	.030	.1	.05	1.0
6224717	6254876	5.88	109	1	4.5	.05	1.02	.5	.5	.2	.2	339	.14	.5	.48	3.4	.5	.58	.5	5	.2	.74	.19	8.4	.5	.030	.1	.05	1.0
6224718	6254877	5.85	114	3	4.1	.05	1.11	.5	.5	.2	.2	361	.10	.4	.32	3.5	.5	.61	.5	2	.2	.48	.27	8.0	.4	.020	.1	.05	1.0
6224719	6254878	5.40	54	1	2.1	.05	.32	.5	.5	.2	.2	53	.12	.6	.20	3.8	1.0	.28	.5	2	1.0	.05	.10	2.6	.4	.005	.2	.05	1.0
6224721	6254879	5.67	173	1	3.4	.05	.70	.5	.5	.2	.2	135	.12	.5	.33	2.6	.5	.59	.5	2	.2	.17	.17	6.6	.5	.030	.5	.05	1.0
6224722	6254880	5.75	171	1	3.3	.05	.70	.5	.5	.2	.2	120	.10	.4	.33	2.4	.5	.61	.5	2	.2	.17	.17	6.5	.4	.030	.1	.05	1.0
6224723	6254881	6.59	127	1	3.0	.05	1.57	.5	.5	.2	.8	53	.20	.2	.54	1.0	.5	.86	.5	2	.2	2.92	.35	9.7	.3	1.200	.1	.20	1.0
6224724	6254882	6.37	112	1	4.0	.05	1.46	.5	.5	.2	.2	83	.16	.1	.48	6.4	.5	.65	.5	2	.2	1.81	.25	8.6	.3	.170	.1	.05	1.0
6224725	6254883	6.22	119	1	3.7	.05	1.30	.5	.5	.2	.9	53	.17	.1	.43	1.8	.5	.59	.5	2	.2	1.74	.26	7.7	.3	.180	.1	.05	1.0
6224726	6254884	5.88	162	1	4.6	.05	1.07	.5	.5	.2	.2	76	.15	.1	.41	1.8	.5	.73	.5	2	.2	1.39	.22	7.9	.5	1.300	.1	.05	1.0
6224727	6254885	5.99	141	1	3.9	.05	1.09	.5	.5	.2	.2	67	.09	.1	.31	1.2	.5	.69	.5	2	.2	.90	.19	7.5	.3	.890	.1	.05	.5
6224728	6254886	7.00	98	1	5.5	.05	3.60	.5	.5	.2	.2	66	.31	.4	.77	2.1	.5	1.13	.5	2	.2	3.81	.20	18.0	.2	.420	.1	.20	.5
6224729	6254887	7.22	128	1	7.0	.05	5.36	.5	.5	.2	.2	59	.40	.6	1.36	3.3	.5	1.10	.5	2	.2	2.67	.50	20.8	.2	.950	.1	.05	.5
6224731	6254888	6.77	181	1	5.1	.05	2.20	.5	.5	.2	1.1	51	.27	.8	.76	1.9	.5	1.01	.5	2	.2	3.81	.47	14.0	.6	.680	.1	.20	1.0
6224732	6254889	6.17	184	1	4.3	.05	1.42	.5	.5	.2	.6	65	.19	.3	.48	2.8	.5	.92	.5	2	.2	2.00	.22	11.2	.3	2.200	.1	.05	1.0
6224733	6254890	5.71	170	1	4.3	.05	.83	.5	.5	.2	.2	100	.06	.2	.29	3.8	.5	.61	.5	2	.2	.93	.16	8.2	.3	.490	.4	.10	1.0
6224734	6254891	5.94	78	1	3.1	.05	.63	.5	.5	.2	.2	36	.12	.3	.22	1.8	.5	.55	.5	2	.2	.70	.18	5.6	.2	.480	.1	.05	1.0
6224735	6254892	6.10	94	1	3.3	.05	.67	.5	.5	.2	.2	32	.06	.1	.26	1.2	.5	.51	.5	2	.2	.86	.17	6.2	.2	.460	.1	.05	.5
6224736	6254893	5.90	102	1	3.1	.05	.64	.5	.5	.2	.2	59	.04	.9	.25	2.8	.5	.55	.5	2	.2	.64	.15	6.0	.2	.670	.3	.05	.5
6224737	6254894	4.93	72	1	1.8	.05	.39	.5	.5	.2	.2	154	.03	.3	.11	3.7	.5	.36	.5	2	.2	.12	.09	2.4	.1	.060	.1	.05	.5
6224738	6254895	6.35	125	1	3.7	.05	.77	.5	.5	.2	.2	84	.11	.6	.32	6.7	.5	.62	.5	2	.2	1.12	.16	7.4	.4	.280	.1	.05	.5
6224739	6254896	6.04	151	1	3.8	.05	.79	.5	.5	.2	.2	114	.09	.2	.29	4.0	2.0	.62	.5	2	.2	1.10	.16	8.1	.8	.630	.3	.10	.5
6224741	6254897	6.05	151	1	3.8	.05	.77	.5	.5	.2	.2	97	.09	.7	.28	3.2	.5	.63	.5	2	.2	1.09	.16	8.2	.5	.660	.1	.05	.5
6224742	6254898	5.60	98	1	3.8	.05	.70	.5	.5	.2	.2	147	.08	.5	.22	2.9	.5	.56	.5	2	.2	.43	.13	7.2	.4	.130	.4	.05	.5
	6274899	5.82	62	1	4.6	.05	.30	.5	.5	.2	.2	95	.22	.3	.14	7.1	.5	.30	.5	11	.2	.23	.17	3.7	.2	.020	.1	.05	2.0
	6274900	6.09	127	1	4.5	.05	.77	.5	.5	.2	.2	221	.11	.1	.32	2.7	.5	.70	.5	2	.2	1.36	.17	7.5	.5	.090	.1	.05	1.0
6224745	6254901	6.56	209	1	6.9	.05	1.88	.5	.5	.2	2.1	226	.26	.5	1.00	9.6	.5	.99	.5	2	.2	3.10	.25	16.5	.8	1.700	.1	.50	1.0
6224746	6254902	6.71	13	1	4.9	.05	1.20	.5	.5	.2	.2	10	.27	.1	.46	1.0	.5	.75	2.0	2	.2	.89	.14	7.7	.1	.040	.1	.05	.5
6224747	6254903	6.46	210	1	6.2	.05	1.29	.5	.5	.2	.2	164	.16	.1	.45	4.9	.5	.95	.5	2	.2	2.92	.15	10.5	.6	.440	.1	.30	.5
6224748	6254904	6.86	245	1	7.0	.05	2.50	.5	.5	.2	.2	71	.23	.1	.60	1.4	.5	.93	8.0	2	.2	2.63	.32	14.4	.4	.450	.1	.30	2.0
6224749	6254905	6.84	233	1	7.4	.05	2.13	.5	.5	.2	.2	101	.19	.1	.59	3.0	.5	.82	.5	2	.2	2.73	.29	10.9	.4	.030	.1	.20	.5
6224751	6254906	5.59	219	1	5.1	.05	.69	.5	.5	.2	.2	134	.01	.1	.28	5.3	.5	.57	.5	2	.2	.69	.13	5.8	.2	.010	.1	.05	.5
6224752	6254907	6.49	151	1	4.5	.05	1.40	.5	.5	.2	.2	84	.19	.1	.52	2.4	.5	.72	.5	2	.2	1.33	.21	7.9	.3	.020	.1	.05	1.0
6224753	6254908	7.03	165	1	5.2	.05	3.83	.5	.5	.2	.2	66	.12	.7	.83	1.9	.5	.62	.5	2	.2	1.54	.26	10.1	.2	.050	.1	.05	.5
6224754	6254909	5.76	227	1	4.3	.05	.98	.5	.5	.2	.2	161	.11	.1	.39	5.9	1.0	.62	.5	2	.2	.99	.21	6.3	1.0	.680	.1	.20	1.0
6224755	6254910	5.70	183	1	3.4	.05	.87	.5	.5	.2	.2	148	.11	.1	.29	5.4	.5	.57	.5	2	.2	.97	.16	5.5	.4	.380	.1	.05	.5
6224756	6254911	5.15	211	1	4.0	.05	.47	.5	.5	.2	.2	219	.07	.1	.22	3.3	.5	.48	.5	6	.2	.15	.16	4.1	.4	.070	.1	.05	2.0
6224757	6254912	5.99	139	1	3.4	.05	.85	.5	.5	.2	.2	75	.07	.1	.31	2.2	.5	.59	.5	2	.2	.60	.22	5.0	.2	1.000	.1	.05	.5
6224758	6254913	5.94	147	1	3.5	.05	.88	.5	.5	.2	.2	76	.09	.1	.33	2.5	.5	.58	.5	2	.2	.61	.24	5.1	.3	.800	.1	.05	.5
6224759	6254914	5.52	298	1	4.6	.05	.98	.5	.5	.2	.2	141	.01	.1	.39	3.7	.5	.62	.5	2	.2	.81	.22	5.9	.5	.410	.1	.20	.5
6224761	6254915	5.70	119	1	2.9	.05	.68	.5	.5	.9	.2	94	.08	.1	.29	4.2	.5	.47	2.0	2	.2	.16	.12	3.8	.2	.005	.1	.05	1.0
6224762	6254916	6.29	160	1	4.7	.05	1.30	.5	.5	.2	.2	50	.17	.1	.47	2.0	.5	.63	22.0	7	.2	1.88	.32	7.4	.3	.150	.1	.20	6.0
6224763	6254917	6.50	71	1	3.1	.05	1.16	.5	.5	.2	.2	31	.19	.1	.41	1.0	.5	.60	.5	2	.2	1.35	.24	6.6	.1	.890	.1	.05	.5
6224764	6254918	6.43	76	1	3.5	.05	1.15	.5	.5	.2	.2	32	.23	.1	.41	1.0	2.0	.61	.5	2	1.0	1.35	.24	7.2	.5	.880	.1	.05	.5
6224765	6254919	6.37	140	1	4.0	.05	1.34	.5	.5	.6	.2	138	.22	.1	.53	2.5	.5	.65	.5	2	.2	1.76	.26	8.3	.5	.020	.1	.05	2.0
6224766	6254920	6.70	66	2	3.3	.05	1.31	.5	.5	.2	.2	66	.27	.1	.51	3.6	.5	.65	.5	2	.2	1.62	.29	7.4	.1	.020	.1	.05	.5
6224767	6254921	6.72	54	1	2.9	.05	1.22	.5	.5	.2	.2	54	.25	.1	.53	4.6	.5	.64	.5	2	.2	1.34	.25	7.5	.1	.010	.1	.05	.5
6224768	6254922	6.61	81	3	3.4	.05	1.24	.5	.5	.2	.2	187	.24	.1	.58	1.7	.5	.66	.5	2	.2	1.57	.26	8.0	.2	.010	.1	.05	.5
6224769	6254923	6.66	80	1	3.0	.05	1.18	.5	.5	.2	.2	180	.22	.1	.56	2.3	.5	.68	.5	2	.2	1.65	.26	7.7	.2	.020	.1	.05	.5
6224771	6254924	6.71	79	1	3.3	.05	1.42	.5	.5	.2	.2	240	.28	.1	.61	3.8	.5	.76	.5	2	.2	1.94	.27	8.9	.3	.020	.1	.05	.5
6224772	6254925	6.96	65	1	3.8	.05	2.63	.5	.5	.6	.2	111	.24	.1	.59	8.8	.5	.58	.5	2	.2	1.32	.24	8.2	.1	.020	.1	.05	.5
6224773	6254926	7.23	162	2	4.7	.05	3.77	.5	.5	.2	.2	176	.17	.1	.81	1.8	.5	.67	.5	2	.2	1.46	.29	11.3	.3	.040	.1	.05	.5
6224774	6254927	6.85	103	1	4.0	.05	1.56	.5	.5	.2	.2	116	.26	.1	.60	1.3	2.0	.73	.5	2	.2	1.75	.23	9.2	.6	.010	.1	.10	1.0
6224775	6254928	6.76	62	1	3.4	.05	1.44	.5	.5	.2	.2	78	.30	.1	.49	4.2	.5	.69	.5	2	.2	1.71	.22	8.6	.1	.020	.1	.05	.5
6224776	6254929	6.69	32	1	2.8	.05	.97	.5	.5	.2	.2	5	.12	.1	.25	2.5	.5	.40	.5	2	.2	.44	.16	4.7	.1	.005	.1	.05	.5
6224777	6254930	6.86	66	1	3.9	.05	1.80	.5	.5	.2	.2	41	.22	.1	.53	1.5	.5	.56	.5	2	.2	.86	.19	8.3	.1	.005	.1	.05	.5
6224778	6254931	6.79	80	1	4.8	.05	1.89	.5	.5	.2	.2	110	.24	.1	.57	9.3	.5	.64	.5	11	.2	1.14	.22	9.6	.1	.020	.1	.05	.5
6224779	6254932	6.58	184	1	5.5	.05	2.00	.5	.5	.2	.2	113	.13	.1	.45	1.6	.5	.57	.5	2	.2	1.54	.16	8.6	.4	.020	.1	.05	.5
6224781	6254933	6.56	187	2	5.3	.05	2.01	.5	.5	.2	.2	125	.18	.1	.45	2.6	.5	.57	.5	2	.2	1.56	.17	8.7	.3	.020	.1	.05	.5
6224782	6254934	6.45	73	1	3.2	.05	.70	.5	.5	.2	.2	22	.18	.1	.24	1.7	.5	.48	.5	2	.2	.32	.15	4.3	.1	.005	.1	.05	.5
6224783	6254935	5.93	220	1	5.6	.05	1.04	.5	.5	.2	.2	128	.18	.1	.39	4.6	.5	.52	.5	2	.2	.72	.20	8.0	.5	.050	.1	.05	.5
6224784	6254936	5.92	216	1	4.8	.05	.93	.5	.5	.2	.2	102	.23	.1	.37	4.5	2.0	.64	1.0	2	.2	.64	.16	7.0	.8	.040	.1	.20	2.0
6224785	6254937	6.07	195	1	5.7	.05	.95	.5	.5	.6	.2	70	.17	.1	.33	2.6	.5	.67	.5	2	.2	1.49	.18	9.6	.4	.050	.1	.20	1.0
6224786	6254938	6.28	124	1	4.8	.05	.84	.5	.5	.2	.2	203	.21	.1	.34	3.5	.5	.67	.5	2	.2	1.36	.16	7.3	.4	.070	.1	.05	.5
6224787	6254939	5.99	104	1	3.9	.05	.63	.5	.5	.2	.2	127	.17	.1	.25	3.9	.5	.55	.5	2	.2	.95	.15	6.3	.2	.050	.1	.05	.5
6224788	6254940	6.41	124	1	4.8	.05	1.00	.5	.5	.2	.2	157	.22	.1	.50	2.7	.5	.64	.5	2	.2	1.66	.16	8.4	.3	.050	.1	.05	.5
6224789	6254941	6.18	103	1	4.9	.05	.78	.5	.5	.2	.2	177	.23	.1	.41	3.8	.5	.64	.5	2	.2	.83	.17	7.1	.4	.070	.1	.10	2.0

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224791	6254942	6.25	119	1	4.9	.05	.92	.5	.5	.2	.2	167	.24	.1	.39	2.3	.5	.71	.5	2	.2	1.40	.17	8.0	.4	.060	.1	.05	2.0
6224792	6254943	6.27	108	1	5.0	.05	.86	.5	.5	.2	.2	157	.23	.1	.39	3.8	.5	.63	.5	2	.2	1.06	.15	7.7	.3	.060	.1	.05	1.0
6224793	6254944	6.43	113	4	4.7	.05	.87	.5	.5	.2	1.0	171	.18	.1	.39	4.2	.5	.65	.5	2	.2	1.03	.16	7.6	.3	.050	.1	.05	2.0
6224794	6254945	7.05	144	1	5.4	.05	4.31	.5	.5	.2	.9	59	.18	.1	.80	1.3	2.0	.55	.5	2	.2	1.38	.21	12.4	.7	.030	.1	.05	1.0
6224795	6254946	6.69	148	1	5.2	.05	1.88	.5	.5	.2	.2	147	.14	.1	.44	1.6	.5	.54	.5	2	.2	1.00	.17	8.4	.5	.010	.2	.05	1.0
6224796	6254947	6.73	158	1	5.4	.05	2.24	.5	.5	.2	.2	102	.20	.1	.60	1.8	.5	.66	.5	2	.2	1.70	.30	11.9	.3	.030	.1	.05	.5
6224797	6254948	5.36	275	1	4.7	.05	.93	.5	.5	.2	.2	165	.09	.1	.32	5.6	.5	.49	.5	2	.2	.87	.16	6.2	.7	.010	.1	.05	1.0
6224798	6254949	6.09	172	1	3.9	.05	.83	.5	.5	.2	.2	101	.15	.1	.45	3.0	.5	.55	.5	2	.2	.89	.16	7.2	.3	.010	.1	.05	1.0
6224799	6254950	5.68	267	1	5.5	.05	.85	.5	.5	.2	.2	116	.14	.1	.34	4.1	.5	.58	1.0	2	.2	1.00	.16	7.1	.6	.020	.1	.05	1.0
6224801	6254951	5.93	213	1	4.3	.05	1.10	.5	.5	.2	.2	218	.13	.1	.39	2.8	.5	.63	.5	2	.2	1.11	.24	7.3	.6	.020	.1	.05	1.0
6224802	6254952	6.99	136	1	7.5	.05	3.13	.5	.5	.2	.2	95	.18	.1	.51	1.7	.5	.60	.5	2	.2	1.30	.19	13.2	.2	.040	.1	.05	1.0
6224803	6254953	6.96	102	1	4.9	.05	2.43	.5	.5	.2	.5	115	.17	.1	.55	2.3	.5	.60	.5	2	.2	.92	.21	11.5	.2	.010	.1	.05	1.0
6224804	6254954	5.99	163	1	4.3	.05	1.13	.5	.5	.2	.2	121	.17	.1	.35	4.8	2.0	.52	.5	2	.2	1.16	.18	6.6	.8	.020	.1	.05	1.0
6224805	6254955	7.02	84	2	5.4	.05	3.15	.5	.5	.2	.2	48	.20	.1	.49	2.7	.5	.67	.5	2	.2	1.64	.25	11.2	.1	.020	.1	.05	2.0
6224806	6254956	6.91	61	1	3.6	.05	1.76	.5	.5	.2	.5	10	.22	.1	.44	1.0	.5	.56	.5	2	.2	1.21	.21	8.5	.1	.010	.1	.05	.5
6224807	6254957	6.22	127	2	2.9	.05	.78	.5	.5	.2	.2	113	.15	.1	.28	5.9	.5	.53	.5	2	.2	1.27	.16	5.1	.2	.005	.1	.05	1.0
6224808	6254958	6.65	61	1	3.7	.05	1.32	.5	.5	.2	.2	96	.23	.1	.53	4.0	.5	.61	.5	2	.2	1.14	.24	7.7	.1	.020	.1	.10	.5
6224809	6254959	6.51	133	1	4.4	.05	1.39	.5	.5	.2	.6	263	.28	.1	.53	2.5	.5	.79	.5	6	.2	1.43	.36	9.6	.9	.030	.1	.05	1.0
6224811	6254960	6.73	80	1	2.5	.05	1.10	.5	.5	.2	.5	138	.26	.1	.55	1.3	.5	.73	.5	2	.2	.54	.33	7.1	.1	.010	.1	.05	1.0
6224812	6254961	6.59	59	1	2.5	.05	.85	.5	.5	.2	.7	41	.18	.1	.41	2.7	.5	.56	.5	2	.2	.93	.22	5.8	.1	.010	.1	.05	1.0
6224813	6254962	6.80	90	4	3.8	.05	1.71	.5	.5	.2	1.4	34	.24	.1	.52	1.0	.5	.63	.5	2	.2	1.58	.26	8.1	.1	.020	.1	.05	1.0
6224814	6254963	6.81	89	4	4.0	.05	1.68	.5	.5	.2	.8	20	.17	.1	.52	1.0	2.0	.63	.5	2	.2	1.57	.26	8.2	.5	.010	.1	.05	1.0
6224815	6254964	6.55	110	2	4.1	.05	1.04	.5	.5	.2	.2	81	.17	.1	.41	5.4	.5	.65	.5	2	.2	1.46	.23	7.0	.3	.010	.1	.05	1.0
6224816	6254965	6.48	61	3	3.1	.05	.78	.5	.5	.2	.7	23	.19	.1	.31	2.5	.5	.55	.5	2	.2	1.06	.21	5.5	.1	.005	.1	.05	.5
6224817	6254966	6.53	62	1	2.8	.05	.80	.5	.5	.2	.2	34	.21	.1	.31	2.4	.5	.58	.5	2	.2	1.08	.22	5.3	.1	.010	.1	.05	1.0
6224818	6254967	6.48	88	1	3.6	.05	1.03	.5	.5	.2	.2	54	.24	.1	.55	1.0	.5	.72	.5	2	.2	.82	.33	7.2	.1	.010	.1	.05	1.0
6224819	6254968	6.20	134	1	3.4	.05	.66	.5	.5	.2	.2	175	.08	.1	.35	3.4	.5	.56	.5	2	.2	.36	.19	4.9	.3	.005	.1	.05	1.0
6224821	6254969	6.35	98	1	3.4	.05	.92	.5	.5	.2	.2	52	.15	.1	.49	1.0	.5	.64	3.0	2	.2	.65	.26	6.2	.1	.010	.1	.05	4.0
6224822	6254970	6.48	91	1	3.9	.05	1.00	.5	.5	.2	.2	220	.17	.1	.55	5.1	.5	.63	.5	2	.2	.69	.28	7.1	.3	.010	.1	.05	.5
6224823	6254971	6.18	72	3	3.1	.05	.84	.5	.5	.2	.5	127	.16	.1	.28	2.9	.5	.47	.5	2	.2	.09	.15	5.2	.1	.005	.1	.05	1.0
6224824	6254972	6.51	87	1	3.8	.05	1.36	.5	.5	.2	.2	223	.21	.1	.40	1.5	2.0	.59	.5	2	1.0	.92	.17	7.3	.6	.020	.1	.05	1.0
6224825	6254973	6.29	153	1	3.7	.05	.93	.5	.5	.2	.9	90	.17	.1	.32	6.9	.5	.52	.5	2	.2	1.14	.19	6.2	.3	.020	.1	.05	1.0
6224826	6254974	5.85	118	1	2.8	.05	.56	.5	.5	.2	.6	120	.10	.1	.23	4.0	.5	.46	.5	2	.2	.34	.15	4.6	.3	.020	.1	.05	1.0
6224827	6254975	6.32	206	1	5.8	.05	1.47	.5	.5	.2	.2	444	.19	.1	.34	14.7	.5	.53	.5	2	.2	.98	.19	8.8	1.0	.020	.3	.05	1.0
6224828	6254976	6.28	174	1	5.4	.05	1.00	.5	.5	.2	.2	121	.17	.1	.53	3.6	.5	.61	.5	2	.2	1.24	.17	8.2	.4	.020	.1	.05	1.0
6224829	6254977	6.52	106	1	4.1	.05	.85	.5	.5	.2	.2	13	.20	.1	.31	1.3	.5	.59	.5	2	.2	1.01	.15	5.6	.1	.020	.1	.05	.5
6224831	6254978	5.23	197	1	4.4	.05	.51	.5	.5	.2	.2	146	.15	.1	.25	4.2	.5	.53	.5	2	.2	.34	.11	5.0	.4	.020	.1	.05	2.0
6224832	6254979	6.02	213	1	9.0	.05	.88	.5	.5	.2	.2	355	.12	.1	.37	5.3	.5	.71	.5	2	.2	.78	.15	9.4	.8	.090	.1	.20	1.0
6224833	6254980	5.87	235	1	10.8	.05	.93	.5	.5	.2	.5	214	.14	.1	.39	5.5	.5	.66	1.0	2	.2	.85	.13	10.1	.7	.090	.1	.10	1.0
6224834	6254981	6.09	85	1	3.4	.05	.46	.5	.5	.2	.2	35	.19	.1	.24	2.4	2.0	.53	.5	2	.2	.73	.17	4.4	.5	.640	.1	.05	1.0
6224835	6254982	6.18	49	3	2.7	.05	.45	.5	.5	.2	.2	25	.22	.1	.22	2.4	.5	.48	.5	2	.2	.44	.17	3.9	.1	.210	.1	.05	.5
6224836	6254983	5.98	139	1	4.1	.05	.48	.5	.5	.2	.2	113	.15	.1	.29	5.1	.5	.53	.5	2	.2	1.06	.15	5.8	.4	.290	.1	.05	1.0
6224837	6254984	6.36	217	1	7.1	.05	1.07	.5	.5	.2	.6	117	.26	.1	.49	9.8	.5	.70	.5	2	.2	2.25	.21	9.8	.6	.060	.1	.20	1.0
6224838	6254985	5.96	201	1	7.2	.05	.81	.5	.5	.2	1.1	190	.14	.1	.25	7.1	.5	.53	.5	2	.2	1.04	.08	7.5	.6	.020	.1	.05	2.0
6224841	6254987	6.60	130	2	4.9	.05	.89	.5	.5	.7	.2	227	.15	.1	.36	2.2	.5	.65	.5	2	.2	1.54	.17	7.5	.6	.030	.1	.05	1.0
6224842	6254988	6.31	181	1	5.9	.05	.99	.5	.5	.2	.2	169	.16	.2	.46	3.4	.5	.65	.5	2	.2	1.58	.18	8.0	.6	.020	.3	.05	1.0
6224843	6254989	6.12	174	1	4.2	.05	.90	.5	.5	.2	.2	330	.08	.1	.42	2.6	.5	.61	.5	2	.2	.65	.24	7.3	.8	.020	.1	.05	1.0
6224844	6254990	6.35	114	1	4.4	.05	.86	.5	.5	.2	.2	181	.18	.1	.38	3.1	.5	.67	.5	2	.2	.90	.23	7.2	.9	.030	.1	.05	1.0
6224845	6254991	6.22	107	1	3.1	.05	.60	.5	.5	1.3	.2	72	.13	.1	.31	1.6	.5	.54	.5	2	.2	.96	.15	5.1	.1	.020	.1	.05	.5
6224846	6254992	6.08	141	1	4.0	.05	.88	.5	.5	.2	.2	186	.17	.1	.34	3.8	.5	.53	.5	2	.2	.55	.21	6.5	.4	.020	.1	.05	1.0
6224847	6254993	6.34	87	2	3.1	.05	.59	.5	.5	.2	.2	35	.16	.1	.37	3.2	.5	.50	.5	2	.2	.88	.20	4.9	.1	.010	.1	.05	.5
6224848	6254994	6.25	62	1	3.0	.05	.49	.5	.5	.2	.2	50	.17	.2	.30	1.5	.5	.51	.5	2	.2	.27	.20	4.2	.1	.005	.1	.05	.5
6224849	6254995	6.21	117	1	3.5	.05	.64	.5	.5	.2	.2	52	.14	.1	.29	1.8	.5	.56	.5	2	.2	.43	.23	5.6	.3	.020	.1	.05	.5
6224851	6254996	6.02	88	1	3.0	.05	.54	.5	.5	.2	.2	40	.10	.1	.24	5.9	.5	.44	.5	2	.2	.77	.17	4.0	.1	.010	.1	.05	1.0
6224852	6254997	6.15	88	1	3.1	.05	.56	.5	.5	.2	.2	54	.16	.3	.24	9.6	.5	.48	.5	2	.2	.71	.18	4.2	.2	.010	.1	.05	.5
6224853	6254998	6.35	89	1	4.6	.05	.80	.5	.5	.2	.2	42	.13	.1	.39	2.5	.5	.53	.5	2	.2	1.06	.25	6.3	.1	.005	.1	.05	.5
6224854	6254999	6.36	83	1	3.5	.05	.72	.5	.5	.6	.2	30	.16	.1	.33	4.4	.5	.51	.5	2	.2	1.03	.22	5.4	.1	.020	.1	.05	.5
6224855	6255000	6.17	154	1	3.9	.05	.85	.5	.5	.2	.2	197	.15	.1	.37	4.6	.5	.58	.5	2	.2	.86	.26	5.9	.4	.020	.1	.05	.5
6224856	6255001	6.35	123	1	3.8	.05	.83	.5	.5	.2	.2	77	.14	.1	.34	5.1	.5	.49	.5	2	.2	.92	.23	5.8	.2	.010	.1	.05	.5
6224857	6255002	6.25	132	1	3.9	.05	.78	.5	.5	.2	.2	150	.18	.1	.48	6.1	.5	.55	.5	2	.2	.66	.23	5.9	.3	.010	.1	.05	.5
6224858	6255003	6.41	103	2	3.1	.05	.78	.5	.5	.2	.2	40	.17	.1	.36	3.7	.5	.67	.5	2	.2	1.01	.23	5.7	.2	.005	.1	.05	.5
6224859	6255004	6.44	90	1	3.3	.05	.80	.5	.5	.2	.2	46	.13	.1	.41	4.7	.5	.53	2.0	2	.2	1.08	.23	5.5	.2	.005	.1	.05	.5
6224861	6255005	6.37	73	1	2.8	.05	.69	.5	.5	.2	.2	63	.16	.1	.37	6.4	.5	.51	.5	2	.2	.84	.22	4.7	.2	.005	.1	.05	4.0
6224862	6255006	6.66	58	1	3.1	.05	1.02	.5	.5	.8	.2	34	.26	.1	.57	1.0	.5	.61	.5	2	.2	.85	.25	7.3	.1	.005	.1	.05	.5
6224863	6255007	6.89	72	1	5.3	.05	1.86	.5	.5	.2	.2	174	.26	.1	.74	2.9	.5	.66	.5	2	.2	1.99	.31	11.8	.2	.020	.1	.05	.5
6224864	6255008	6.69	63	1	3.0	.05	1.06	.5	.5	.2	.2	44	.22	.3	.44	3.7	.5	.55	.5	2	.2	1.06	.22	6.4	.1	.010	.1	.05	.5
6224865	6255009	6.65	77	1	3.3	.05	1.05	.5	.5	.2	.2	74	.19	.1	.44	9.6	.5	.56	.5	2	.2	1.08	.21	6.6	.2	.005	.1	.05	.5
6224866	6255010	6.58	64	1	2.7	.05	.79	.5	.5	.9	.2	43	.15	.1	.31	3.2	.5	.56	.5	2	.2	1.06	.22	5.3	.1	.005	.1	.05	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224867	6255011	6.34	163	1	3.7	.05	1.08	.5	.5	.2	.2	333	.13	.1	.44	4.2	.5	.72	.5	2	.2	.97	.29	7.1	.7	.010	.3	.05	.5
6224868	6255012	6.99	70	1	4.9	.05	2.72	.5	.5	.2	.2	127	.22	.2	.61	2.8	.5	.59	.5	2	.2	.99	.21	10.8	.1	.020	.1	.05	.5
6224869	6255013	6.52	129	1	3.2	.05	.97	.5	.5	.2	.2	61	.18	.1	.35	1.5	.5	.70	.5	2	.2	1.20	.26	6.3	.3	.010	.1	.05	.5
6224871	6255014	6.66	129	4	4.1	.05	1.16	.5	.5	.2	.2	46	.23	.5	.52	1.6	.5	.60	2.0	2	.2	1.58	.26	6.6	.2	.005	.1	.05	1.0
6224872	6255015	6.60	62	1	3.0	.05	.70	.5	.5	.2	.2	21	.22	.2	.36	1.9	.5	.57	.5	2	.2	.91	.18	5.7	.1	.005	.1	.05	1.0
6224873	6255016	6.23	80	1	3.2	.05	.53	.5	.5	.2	.2	63	.21	.1	.26	2.3	.5	.54	.5	2	.2	.36	.16	4.7	.2	.005	.1	.05	2.0
6224874	6255017	5.74	141	1	3.4	.05	.46	.5	.5	.2	.2	132	.18	.1	.28	2.9	.5	.46	2.0	6	.2	.19	.16	4.1	.4	.260	.1	.05	.5
6224875	6255018	5.66	257	1	4.7	.05	.66	.5	.5	.2	.2	201	.15	.4	.41	3.0	.5	.50	.5	2	.2	.76	.11	6.4	.4	.070	.1	.05	.5
6224876	6255019	6.11	128	1	4.5	.05	.80	.5	.5	.2	.2	98	.23	.6	.34	2.2	.5	.57	.5	2	.2	.79	.16	6.8	.4	.040	.1	.05	.5
6224877	6255020	5.94	182	1	6.8	.05	.87	.5	.5	.2	.2	192	.13	.1	.26	4.0	.5	.53	.5	2	.2	.50	.10	7.8	.5	.020	.1	.05	1.0
6224878	6255021	5.16	124	1	6.2	.05	.52	.5	.5	.2	.2	185	.13	.1	.13	3.5	.5	.20	.5	2	.2	.12	.12	4.7	.4	.005	.1	.05	1.0
6224879	6255022	7.02	82	1	5.1	.05	.93	.5	.5	.2	.2	118	.32	.3	1.77	1.4	.5	.47	2.0	2	.2	.66	.15	7.4	.3	.040	.1	.05	1.0
6224881	6255023	6.08	145	1	4.5	.05	.76	.5	.5	.8	.2	146	.16	.1	.31	2.5	.5	.57	.5	2	.2	.63	.15	6.8	.6	.005	.3	.05	1.0
6224882	6255024	6.01	216	1	5.2	.05	.80	.5	.5	.2	.2	154	.14	.2	.46	3.9	.5	.73	.5	6	.2	.82	.16	7.1	.8	.010	.1	.10	1.0
6224883	6255025	5.42	149	4	4.0	.05	.43	.5	.5	.2	.2	120	.13	.1	.18	3.7	.5	.49	1.0	2	.2	.18	.12	4.1	.4	.005	.1	.05	1.0
6224884	6255026	6.16	95	1	3.4	.05	.64	.5	.5	.2	.2	88	.13	.1	.25	7.6	.5	.46	.5	2	.2	.88	.16	5.1	.2	.005	.1	.05	.5
6224885	6255027	6.33	160	1	3.6	.05	.60	.5	.5	.2	.6	204	.12	.2	.76	4.2	.5	.48	2.0	2	.2	.51	.16	5.2	.5	.005	.1	.05	1.0
6224886	6255028	5.86	186	1	4.0	.05	.68	.5	.5	1.5	.5	286	.23	.1	.28	4.4	.5	.53	.5	5	.2	.26	.17	5.9	.9	.010	.1	.05	1.0
6224887	6255029	5.96	92	1	2.4	.05	.48	.5	.5	.2	1.6	52	.15	.1	.20	2.3	.5	.42	.5	2	.2	.11	.13	3.5	.1	.005	.1	.05	1.0
6224888	6255030	6.50	72	1	4.2	.05	.98	.5	.5	.2	.7	192	.16	.2	.27	7.7	.5	.53	.5	2	.2	.69	.19	7.1	.3	.020	.1	.05	1.0
6224889	6255031	6.47	92	1	3.9	.05	.84	.5	.5	.6	.2	149	.23	.1	.29	6.9	.5	.53	.5	2	.2	1.10	.21	6.7	.4	.020	.1	.05	.5
6224891	6255032	6.23	153	1	4.2	.05	.67	.5	.5	.2	3.5	273	.19	.2	.33	3.5	.5	.56	71.0	13	.2	.45	.19	6.1	.7	.005	.1	.05	6.0
6224892	6255033	6.25	107	1	3.6	.05	.57	.5	.5	.5	.2	98	.14	.1	.24	3.2	.5	.48	.5	2	.2	.72	.18	5.1	.2	.005	.1	.05	.5
6224893	6255034	6.52	93	1	3.4	.05	.93	.5	.5	.2	.6	120	.15	.1	.28	2.0	.5	.56	.5	2	.2	1.43	.18	7.0	.2	.005	.1	.05	.5
6224894	6255035	6.38	111	1	3.7	.05	.91	.5	.5	.2	.2	206	.23	.1	.27	8.3	.5	.54	.5	2	.2	1.48	.19	7.4	.3	.010	.1	.05	.5
6224895	6255036	6.26	99	3	4.1	.05	1.05	.5	.5	.2	.6	777	.22	.3	.29	3.3	.5	.62	.5	6	.2	.23	.21	7.8	.7	.020	.1	.05	1.0
6224896	6255037	6.77	55	2	4.5	.05	1.51	.5	.5	.2	.2	586	.19	.1	.47	4.0	.5	.83	.5	6	.2	.41	.16	11.2	.3	.010	.1	.05	.5
6224897	6255038	6.99	16	1	6.4	.05	1.69	.5	.5	.2	.7	322	.24	.2	.71	5.5	.5	.78	.5	6	.2	.62	.09	12.6	.1	.005	.1	.05	.5
6224898	6255039	5.42	77	1	2.3	.05	.32	.5	.5	.2	.2	58	.14	.1	.12	2.7	.5	.40	.5	2	.2	.07	.19	1.6	.1	.005	.1	.05	1.0
6224899	6255040	6.50	34	1	2.4	.05	.78	.5	.5	.2	.2	220	.19	.1	.24	1.6	.5	.47	.5	2	.2	.59	.13	5.0	.2	.005	.1	.05	.5
6224901	6255041	6.59	65	1	3.7	.05	1.28	.5	.5	.2	.2	900	.12	.1	.42	1.8	.5	.71	.5	2	.2	1.19	.16	8.9	.5	.020	.5	.05	1.0
6224902	6255042	6.15	89	1	2.9	.05	.81	.5	.5	.7	.2	109	.17	.1	.22	1.6	.5	.58	.5	2	.2	.19	.21	5.3	.2	.005	.1	.05	1.0
6224903	6255043	6.47	64	1	3.0	.05	.83	.5	.5	1.2	.2	42	.19	.4	.20	3.7	.5	.47	.5	2	.2	.63	.18	4.5	.1	.005	.1	.05	1.0
6224904	6255044	6.46	63	1	3.3	.05	.82	.5	.5	.2	.2	38	.19	.2	.19	4.2	.5	.45	.5	2	.2	.63	.17	4.7	.1	.005	.1	.05	.5
6224905	6255045	6.62	55	1	3.8	.05	1.33	.5	.5	.2	.2	328	.19	.3	.42	2.8	.5	.71	.5	2	.2	1.38	.18	9.4	.3	.020	.1	.05	.5
6224906	6255046	6.16	119	1	3.4	.05	.82	.5	.5	.2	.2	367	.16	.1	.22	4.5	.5	.56	.5	5	.2	.60	.18	5.6	.8	.010	.3	.05	.5
6224907	6255047	6.17	118	4	3.9	.05	.84	.5	.5	.2	.2	141	.12	.1	.34	2.7	.5	.57	2.0	2	.2	.32	.15	5.6	.5	.005	.1	.05	.5
6224908	6255048	5.63	116	1	3.4	.05	.49	.5	.5	.2	1.2	157	.15	.1	.20	6.0	.5	.46	.5	2	.2	.15	.11	4.0	.4	.020	.1	.05	2.0
6224909	6255049	5.68	114	1	3.0	.05	.51	.5	.5	.2	1.6	129	.01	.1	.20	4.3	.5	.38	.5	2	.2	.06	.12	3.9	.4	.010	.1	.05	2.0
6224911	6255050	5.86	130	1	3.5	.05	.57	.5	.5	.8	5.2	179	.05	.1	.18	4.4	.5	.45	5.0	2	.2	.42	.13	4.5	.5	.010	.3	.05	1.0
6224912	6255051	5.66	28	1	2.4	.05	.29	.5	.5	.5	3.6	48	.05	.2	.10	4.4	.5	.31	26.0	7	.2	.07	.11	2.1	.1	.005	.1	.05	3.0
6224913	6255052	6.08	249	1	6.0	.05	.79	.5	.5	.2	.2	165	.04	1.4	.31	3.2	.5	.74	.5	6	.2	1.25	.20	7.5	1.2	.320	.1	.30	1.0
6224914	6255053	6.14	179	1	6.2	.05	.85	.5	.5	.5	.9	362	.09	.1	.31	3.1	.5	.72	.5	2	.2	1.10	.19	7.8	.8	.250	.1	.05	1.0
6224915	6255054	5.88	144	1	5.9	.05	.86	.5	.5	.2	.2	169	.15	.1	.28	4.4	.5	.61	.5	2	.2	.94	.16	8.1	.5	.290	.1	.05	1.0
6224916	6255055	6.09	160	1	6.3	.05	.88	.5	.5	1.2	.2	166	.08	.3	.27	4.6	.5	.56	.5	2	.2	.45	.11	7.7	.4	.050	.1	.05	1.0
6224917	6255056	6.49	202	3	6.5	.05	1.06	.5	.5	.2	1.2	81	.17	.1	.53	2.0	.5	.95	.5	2	.2	2.51	.20	10.6	.6	1.100	.1	.05	.5
6224918	6255057	6.24	152	1	4.8	.05	.77	.5	.5	.2	.9	195	.10	.3	.34	5.0	.5	.62	.5	2	.2	.82	.18	7.1	.5	.240	.1	.05	1.0
6224919	6255058	5.79	237	1	5.5	.05	.81	.5	.5	.9	.2	242	.06	.6	.40	4.6	.5	.69	1.0	2	.2	1.38	.15	8.1	.8	.090	.1	.05	1.0
6224921	6255059	6.41	88	1	4.9	.05	.81	.5	.5	1.2	.2	177	.17	.1	.40	9.7	.5	.68	7.0	2	.2	.71	.18	7.3	.3	.040	.1	.05	3.0
6224922	6255060	6.40	114	1	5.0	.05	.90	.5	.5	.2	1.2	114	.17	.1	.40	4.4	.5	.66	.5	2	.2	.95	.17	8.0	.4	.030	.1	.05	1.0
6224923	6255061	6.38	113	1	5.1	.05	.91	.5	.5	.2	.2	102	.14	.1	.40	3.9	.5	.67	.5	2	.2	.95	.17	8.0	.3	.030	.1	.05	1.0
6224924	6255062	5.68	233	1	8.0	.05	1.00	.5	.5	.2	.8	264	.11	.4	.30	7.1	.5	.74	.5	6	.2	1.16	.13	10.1	.8	.130	.1	.05	2.0
6224925	6255063	5.98	219	1	5.2	.05	.83	.5	.5	.2	1.2	278	.06	.2	.28	4.8	.5	.84	1.0	5	.2	1.96	.19	8.0	.9	.180	.1	.20	1.0
6224926	6255064	5.62	202	1	5.0	.05	.75	.5	.5	.2	.9	119	.08	.1	.20	2.0	.5	.69	.5	2	.2	.49	.15	7.6	.5	.230	.1	.05	1.0
6224927	6255065	5.64	101	1	2.8	.05	.67	.5	.5	.2	.7	199	.06	.2	.19	3.6	.5	.53	.5	2	.2	.16	.11	6.4	.2	.140	.1	.05	1.0
6224928	6255066	6.30	112	3	3.6	.05	.70	.5	.5	.2	1.6	149	.10	.1	.21	2.5	.5	.58	.5	2	.2	.81	.14	6.4	.4	.090	.1	.05	1.0
6224929	6255067	6.21	101	1	4.0	.05	.74	.5	.5	.7	.6	100	.12	.6	.20	4.5	.5	.57	.5	2	.2	.34	.14	6.2	.2	.070	.1	.05	1.0
6224931	6255068	6.05	115	1	4.7	.05	.91	.5	.5	.2	.9	329	.10	.4	.28	2.9	.5	.61	.5	2	.2	.36	.13	7.5	.4	.030	.1	.05	1.0
6224932	6255069	5.98	122	1	4.6	.05	.78	.5	.5	.2	1.0	139	.09	.1	.25	2.6	.5	.56	.5	2	.2	.23	.12	6.2	.4	.030	.1	.05	1.0
6224933	6255070	5.97	91	1	4.0	.05	.67	.5	.5	.5	.2	260	.08	.1	.19	5.2	.5	.47	.5	2	.2	.59	.12	5.1	.2	.010	.1	.05	1.0
6224934	6255071	6.11	81	1	3.3	.05	.63	.5	.5	.7	.2	255	.08	.1	.19	5.7	.5	.48	.5	2	.2	.45	.12	4.5	.3	.010	.1	.10	.5
6224935	6255072	6.05	127	1	4.3	.05	.74	.5	.5	.2	.2	191	.14	.1	.28	2.4	.5	.62	.5	2	.2	.52	.16	5.7	.5	.020	.1	.05	1.0
6224936	6255073	6.32	81	1	3.4	.05	.84	.5	.5	1.1	.2	192	.13	.1	.37	1.9	.5	.66	.5	2	.2	.14	.12	6.2	.2	.010	.1	.05	.5
6224937	6255074	6.42	71	1	4.3	.05	1.15	.5	.5	.7	.2	386	.14	.1	.41	4.1	.5	.84	.5	2	.2	1.04	.18	8.5	.3	.020	.1	.05	.5
6224938	6255075	5.46	40	1	2.0	.05	.30	.5	.5	.2	.2	44	.05	.1	.08	3.0	.5	.33	.5	2	.2	.04	.16	1.8	.1	.020	.1	.05	.5
6224939	6255076	5.92	78	1	2.4	.05	.67	.5	.5	.2	.2	61	.05	.1	.21	2.7	.5	.61	.5	7	.2	.05	.19	4.9	.2	.050	.1	.05	.5
6224941	6255077	6.16	33	4	2.3	.05	.48	.5	.5	.2	.2	90	.14	.1	.25	2.3	.5	.53	.5	2	.2	.13	.13	3.8	.1	.005	.1	.05	.5
	6275078	6.62	54	1	3.4	.05	.93	.5	.5	.2	.2	211	.11	.4	.30	4.2	2.0	.68	.5	2	.2	.69	.17	7.2	.6	.020	.1	.20	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppb	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6224943	6255079	6.18	69	1	2.9	.05	.60	.5	.5	.2	.2	202	.15	.2	.20	5.9	.5	.52	.5	2	.2	.44	.13	4.4	.1	.010	.1	.05	.5
6224944	6255080	5.56	40	1	1.8	.05	.35	.5	.5	.2	.2	34	.09	.1	.15	2.5	.5	.38	.5	2	.2	.04	.11	2.6	.2	.010	.1	.05	.5
6224945	6255081	5.64	37	2	2.0	.05	.27	.5	.5	.2	.2	49	.13	.1	.16	3.9	.5	.28	.5	2	.2	.05	.10	1.9	.1	.005	.1	.05	.5
6224946	6255082	6.52	26	1	3.7	.05	1.00	.5	.5	.2	.2	260	.11	.4	.31	2.2	.5	.65	.5	2	.2	.35	.11	7.9	.1	.020	.1	.05	.5
6224947	6255083	6.81	16	1	4.8	.05	.91	.5	.5	.2	.2	134	.27	.1	.33	2.4	.5	.63	.5	2	.2	1.88	.12	6.9	.1	.005	.1	.05	.5
6224948	6255084	6.01	111	1	4.4	.05	.97	.5	.5	.2	.2	139	.17	.8	.36	4.2	.5	.59	.5	2	.2	.35	.17	7.4	.4	.040	.1	.05	.5
6224949	6255085	6.41	97	1	6.2	.05	1.17	.5	.5	.2	.2	77	.11	.2	.22	2.7	.5	.61	.5	2	.2	.47	.20	8.8	.1	.030	.1	.10	.5
6224951	6255086	6.48	101	1	6.7	.05	1.21	.5	.5	.5	.2	92	.13	.1	.22	3.2	.5	.60	.5	2	.2	.47	.21	9.1	.1	.040	.1	.20	.5
6224952	6255087	6.61	89	1	7.8	.05	1.06	.5	.5	.2	.2	48	.11	.4	.23	2.7	2.0	.62	.5	2	.2	.89	.19	10.1	.6	.040	.1	.30	.5
6224953	6255088	6.14	141	2	9.0	.05	.84	.5	.5	.2	.2	81	.14	.1	.19	4.0	.5	.56	.5	2	.2	.58	.12	9.0	.3	.030	.1	.05	.5
6224954	6255089	6.23	146	3	13.1	.05	1.20	.5	.5	.2	.2	121	.12	.3	.26	3.9	.5	.58	.5	2	.2	1.10	.14	13.2	.4	.040	.1	.05	1.0
6224955	6255090	6.10	200	1	10.4	.05	1.51	.5	.5	.2	.2	150	.10	.1	.24	3.4	.5	.60	.5	2	.2	.86	.17	23.0	.7	.100	.1	.05	1.0
6224956	6255091	6.44	77	1	9.0	.05	1.45	.5	.5	.2	.2	200	.17	.3	.25	6.6	.5	.67	.5	2	.2	.48	.46	26.9	.2	.040	.1	.05	.5
6224957	6255092	5.97	213	1	8.1	.05	1.31	.5	.5	.2	.2	367	.13	.6	.23	5.8	.5	.69	.5	13	.2	.88	.30	18.2	1.0	.150	.1	.05	.5
6224958	6255093	6.11	175	1	7.4	.05	.79	.5	.5	.2	.2	108	.25	.1	.28	2.5	.5	.67	.5	2	.2	1.45	.13	9.8	.5	.070	.1	.20	1.0
6224959	6255094	5.49	135	1	4.2	.05	.60	.5	.5	.2	.2	240	.01	.3	.16	4.8	.5	.48	.5	5	.2	.15	.10	6.5	.2	.020	.1	.05	.5
6224961	6255095	6.27	74	1	4.8	.05	.82	.5	.5	.2	.2	107	.07	.5	.22	1.7	.5	.51	.5	2	.2	.66	.16	7.9	.1	.070	.1	.05	.5
6224962	6255096	5.83	183	1	4.9	.05	.78	.5	.5	.5	.2	171	.07	.1	.43	4.0	2.0	.59	.5	5	.2	.34	.12	8.2	1.1	.110	.2	.05	1.0
6224963	6255097	6.25	94	1	4.1	.05	.56	.5	.5	1.2	.2	81	.18	.1	.33	3.5	.5	.58	.5	2	.2	.75	.16	6.4	.2	.230	.1	.05	.5
6224964	6255098	5.78	72	1	2.8	.05	.39	.5	.5	.2	.2	61	.09	.1	.15	2.3	.5	.37	.5	2	.2	.07	.10	3.6	.1	.100	.1	.20	.5
6224965	6255099	6.42	67	3	4.3	.05	.74	.5	.5	.2	.2	67	.16	.1	.24	1.5	.5	.48	.5	2	.2	.78	.14	6.8	.1	.040	.1	.05	.5
6224966	6255100	6.82	154	1	8.4	.05	.79	.5	.5	.2	.2	57	.19	.1	.59	1.6	.5	.84	.5	2	.2	1.80	.20	9.6	.2	.290	.1	.10	.5
6224967	6255101	6.71	107	1	6.9	.05	.85	.5	.5	.2	.2	65	.25	.1	.60	1.6	.5	.82	.5	2	.2	1.57	.20	9.4	.2	.440	.1	.05	.5
6224968	6255102	6.51	158	1	5.9	.05	1.44	.5	.5	.2	.2	170	.16	.1	.48	3.8	.5	.78	.5	2	.2	2.10	.29	14.5	.7	2.000	.1	.10	.5
6224969	6255103	6.19	166	1	4.2	.05	.56	.5	.5	.2	.2	347	.08	.3	.32	4.0	.5	.69	.5	6	.2	1.20	.12	6.6	.6	.300	.1	.10	.5
6224971	6255104	5.87	150	1	4.1	.05	.55	.5	.5	.2	.2	406	.10	.1	.33	3.1	.5	.56	.5	2	.2	.55	.12	6.2	.5	.120	.1	.05	1.0
6224972	6255105	5.82	146	1	3.9	.05	.57	.5	.5	.8	.2	373	.09	.4	.33	3.1	2.0	.56	.5	2	1.0	.55	.11	6.1	.9	.120	.1	.10	1.0
6224973	6255106	7.00	122		15.3	.05	1.21	.5	.5	.5	2.5	285	.74	.7	1.54	5.5	.5	.77	.5	11	.2	1.47	.18	10.8	.7	.050	.1	.20	3.0
6224974	6255107	6.42	85	1	4.2	.05	.72	.5	.5	.2	.2	159	.19	.4	.39	1.5	.5	.53	.5	2	.2	.81	.17	6.1	.3	.050	.1	.20	2.0
6224975	6255108	6.20	138	1	5.3	.05	1.01	.5	.5	.2	.2	153	.14	.3	.41	3.8	.5	.73	.5	2	.2	.73	.20	8.5	.5	.110	.1	.05	2.0
6224976	6255109	6.48	68	1	4.1	.05	.86	.5	.5	.2	.2	136	.17	.1	.38	3.7	.5	.62	.5	2	.2	.78	.19	7.4	.2	.110	.1	.05	.5
6224977	6255110	5.92	49	4	2.7	.05	.47	.5	.5	.2	.2	262	.01	.1	.32	2.9	.5	.38	.5	2	.2	.13	.10	4.4	.1	.005	.1	.05	2.0
6224978	6255111	5.85	76	1	2.8	.05	.51	.5	.5	.8	.2	145	.07	.4	.27	3.5	.5	.37	.5	2	.2	.41	.13	4.8	.1	.020	.1	.05	.5
6224979	6255112	5.83	70	1	2.9	.05	.50	.5	.5	.2	.2	152	.06	.1	.28	6.9	.5	.34	.5	2	.2	.64	.13	4.9	.1	.010	.1	.05	.5
6224981	6255113	5.98	117	1	3.8	.05	.66	.5	.5	.2	.2	188	.05	.4	.38	2.8	.5	.50	.5	2	.2	.82	.15	6.4	.4	.030	.1	.10	.5
6224982	6255114	6.11	138	3	6.5	.05	1.01	.5	.5	1.2	.2	322	.11	.1	.55	6.5	2.0	.61	.5	2	.2	1.91	.17	10.2	1.0	.070	.1	.10	1.0
6224983	6255115	5.34	41	1	1.3	.05	.52	.5	.5	.2	.2	42	.10	.1	.21	2.0	.5	.15	.5	2	.2	.19	.21	3.7	.1	.130	.1	.05	.5
6224984	6255116	5.76	160	1	5.3	.05	.85	.5	.5	.6	.2	180	.08	.3	.39	4.8	.5	.46	.5	2	.2	1.48	.15	8.0	.6	.100	.1	.05	1.0
6224985	6255117	6.01	55	1	3.9	.05	.73	.5	.5	.2	.2	65	.11	.1	.29	2.7	.5	.35	.5	2	.2	.76	.17	6.3	.1	.070	.1	.05	1.0
6224986	6255118	6.00	105	1	5.1	.05	.89	.5	.5	.2	.2	131	.10	.1	.42	3.2	.5	.47	.5	2	.2	.80	.18	8.4	.3	.080	.1	.10	.5
6224987	6255119	6.07	172	1	6.2	.05	.79	.5	.5	.2	.2	216	.13	.3	.44	4.6	.5	.57	.5	7	.2	.94	.15	8.6	.6	.080	.1	.20	.5
6224988	6255120	6.10	48	4	3.1	.05	.65	.5	.5	.2	.2	14	.11	.1	.29	2.6	.5	.31	.5	2	.2	.71	.18	5.4	.1	.020	.1	.05	.5
6224989	6255121	5.74	142	2	4.7	.05	.84	.5	.5	.2	.2	215	.11	.1	.32	4.8	.5	.41	.5	2	.2	.69	.15	7.6	.5	.040	.1	.05	1.0
6224991	6255122	5.80	126	1	4.2	.05	.67	.5	.5	.2	.2	257	.18	.1	.48	4.7	.5	.48	.5	6	.2	.58	.14	6.4	.5	.040	.1	.40	.5
6224992	6255123	5.82	115	1	3.8	.05	.64	.5	.5	.2	.2	206	.18	.1	.46	3.8	2.0	.41	.5	2	1.0	.57	.14	6.0	.8	.060	.1	.30	.5
6224993	6255124	5.79	116	1	6.7	.05	.80	.5	.5	1.5	.2	313	.06	.2	.36	3.9	.5	.40	.5	2	28.0	.91	.11	7.9	.6	.070	.1	.05	.5
6224994	6255125	5.68	76	1	3.2	.05	.57	.5	.5	.2	.2	160	.04	.1	.28	3.3	.5	.32	.5	2	.2	.32	.11	5.7	.2	.030	.1	.05	.5
6224995	6255126	5.62	98	1	2.8	.05	.50	.5	.5	.9	.2	233	.07	.3	.30	4.0	.5	.32	.5	2	.2	.32	.11	5.0	.4	.030	.1	.05	.5
6224996	6255127	6.24	82	1	3.7	.05	.80	.5	.5	.6	.2	188	.15	.4	.46	3.7	.5	.57	.5	2	.2	1.19	.15	7.9	.3	.040	.1	.05	2.0
6224997	6255128	6.31	95	1	4.4	.05	1.00	.5	.5	.2	.2	198	.15	.1	.49	5.5	.5	.58	.5	2	.2	1.46	.21	9.8	.3	.090	.1	.20	.5
6224998	6255129	6.40	77	1	5.0	.05	.97	.5	.5	.2	.2	140	.14	.1	.48	4.9	.5	.45	.5	2	.2	1.24	.21	9.9	.3	.070	.1	.05	1.0
6224999	6255130	6.40	80	1	4.8	.05	.93	.5	.5	.2	.2	155	.15	.1	.47	6.4	.5	.45	.5	2	.2	1.25	.21	9.5	.3	.070	.1	.05	.5
6225001	6255131	6.26	100	1	3.8	.05	.73	.5	.5	.2	.2	152	.12	.1	.45	3.8	.5	.45	.5	2	.2	1.04	.20	6.5	.3	.060	.1	.05	.5
6225002	6255132	6.26	89	1	4.0	.05	.70	.5	.5	.2	.2	68	.14	.1	.46	4.3	1.0	.40	.5	2	2.0	1.14	.21	6.4	.6	.070	.1	.05	.5
6225003	6255133	6.39	111	1	4.0	.05	.68	.5	.5	.2	.2	143	.16	.4	.41	4.2	.5	.43	.5	2	.2	.92	.17	6.7	.5	.030	.1	.05	1.0
6225004	6255134	6.21	123	1	4.0	.05	.66	.5	.5	.2	.2	134	.14	.1	.41	2.1	.5	.57	.5	2	.2	1.39	.19	7.6	.5	.020	.1	.10	.5
6225005	6255135	6.12	132	1	3.7	.05	.56	.5	.5	.2	.2	93	.11	.3	.48	1.7	.5	.42	.5	2	.2	1.55	.15	6.0	.3	.005	.1	.05	.5
6225006	6255136	5.84	183	1	4.1	.05	.58	.5	.5	1.1	.2	89	.04	.6	.34	1.6	.5	.47	.5	2	.2	1.91	.15	6.4	.4	.010	.1	.10	.5
6225007	6255137	5.77	211	1	4.5	.05	.40	.5	.5	.2	.2	115	.10	.2	.47	2.4	.5	.46	.5	2	.2	1.66	.14	6.0	.6	.020	.1	.10	.5
6225008	6255138	6.43	129	1	4.2	.05	.63	.5	.5	.2	.2	102	.12	.1	.43	2.0	.5	.48	.5	2	.2	1.29	.16	6.9	.4	.030	.1	.20	.5
6225009	6255139	6.39	110	1	4.0	.05	.55	.5	.5	.2	.2	113	.12	.1	.38	2.0	.5	.49	.5	2	.2	1.17	.15	6.7	.3	.030	.1	.05	.5
6225011	6255140	6.38	115	1	3.9	.05	.53	.5	.5	.2	.2	83	.13	.2	.41	1.7	.5	.44	.5	2	.2	1.06	.16	6.2	.3	.010	.1	.05	.5
6225012	6255141	6.21	70	1	3.4	.05	.48	.5	.5	.2	.2	23	.11	.4	.32	3.3	2.0	.35	.5	2	.2	.89	.17	5.5	.6	.005	.1	.05	.5
6225013	6255142	6.13	111	1	3.9	.05	.48	.5	.5	.2	.2	121	.18	.1	.35	2.9	.5	.32	.5	2	.2	.50	.16	5.7	.4	.010	.1	.10	.5
6225014	6255143	6.44	94	1	5.7	.05	.93	.5	.5	.2	.2	165	.18	.1	.52	6.2	.5	.43	.5	2	.2	1.25	.21	10.5	.4	.080	.1	.05	.5
6225015	6255144	6.65	103	1	4.3	.05	.68	.5	.5	.2	.2	59	.17	.4	.58	5.0	.5	.32	.5	2	.2	1.20	.17	6.9	.3	.100	.1	.05	.5
6225016	6255145	6.55	98	1	4.6	.05	.68	.5	.5	.7	.2	54	.22	.1	.60	4.5	.5	.33	.5	2	.2	1.22	.18	7.0	.3	.100	.1	.05	.5
6225017	6255146	6.66	88	1	4.2	.05	.64	.5	.5	.2	.2	33	.18	.2	.60	2.5	.5	.29	.5	2	.2	1.13	.17	6.6	.1	.100	.1	.05	.5

Appendix 1: Winokapau Lake Area

labnum	fldnum	pH_w	Alw2	Asw2x	Baw2	Bew2	Caw1	Cdw2	Cow2	Crw2	Cuw2	Few1	Kw1	Liw2	Mgw1	Mnw1	Mow2	Naw1	Niw2	Pw2	Pbw2	Siw1	SO4w1	Srw2	Tiw2	Uw3	Vw2	Yw2	Znw2
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
6225018	6255147	6.53	175	1	5.7	.05	.58	.5	.5	.2	.2	147	.32	.3	.69	7.0	.5	.33	1.0	2	.2	1.27	.15	6.5	.6	.110	.1	.05	.5
6225019	6255148	6.43	175	1	6.5	.05	.90	.5	.5	.2	.2	126	.18	.1	.56	5.1	.5	.51	.5	2	.2	1.38	.23	10.4	.5	.560	.1	.10	.5
6225021	6255149	6.32	40	1	1.9	.05	.33	.5	.5	.2	.2	5	.14	.2	.28	1.8	.5	.28	.5	2	.2	.30	.16	3.4	.1	.020	.1	.05	.5
6225022	6255150	6.34	212	1	6.9	.05	.73	.5	.5	1.1	.2	76	.16	.2	.48	3.0	2.0	.48	.5	2	.2	1.34	.18	8.5	.9	.080	.1	.30	.5
6225023	6255151	6.48	207	1	7.9	.05	1.22	.5	.5	.2	.2	94	.13	.1	.37	2.8	.5	.44	.5	2	.2	.72	.16	9.1	.5	.080	.3	.05	3.0
6225024	6255152	6.53	200	1	6.9	.05	.83	.5	.5	.2	.2	132	.21	.1	.42	4.1	.5	.57	.5	2	.2	1.36	.19	8.7	.7	.110	.1	.20	1.0
6225025	6255153	6.21	213	1	5.6	.05	.69	.5	.5	.6	.2	137	.18	.1	.56	3.6	.5	.45	.5	2	.2	1.50	.19	7.0	.6	.050	.1	.05	.5
6225026	6255154	6.43	244	1	8.5	.05	.86	.5	.5	.8	.2	155	.25	.4	.79	2.5	.5	.61	1.0	2	.2	1.36	.17	9.9	.8	.080	.1	.10	1.0
6225027	6255155	6.00	121	1	3.7	.05	.39	.5	.5	1.8	.2	99	.12	.2	.32	2.3	.5	.33	.5	2	.2	.61	.13	4.7	.2	.020	.1	.20	.5
6225028	6255156	6.13	126	1	3.9	.05	.45	.5	.5	.2	.2	148	.11	.1	.35	1.8	.5	.33	2.0	2	.2	.44	.12	4.8	.3	-9.000	.2	.05	5.0
6225029	6255157	6.48	1	1	.1	.05	.48	.5	.5	.2	.2	29	.18	.1	.47	2.4	.5	.32	.5	2	.2	.90	.16	.5	.1	-9.000	.1	.05	.5
6225031	6255158	6.49	133	1	4.2	.05	.69	.5	.5	.2	.2	155	.09	.1	.43	4.2	.5	.33	.5	2	.2	.96	.17	6.4	.3	-9.000	.1	.05	.5
6225032	6255159	6.15	115	1	3.5	.05	.45	.5	.5	.2	.2	257	.15	.1	.50	3.8	.5	.24	.5	2	.2	.62	.12	4.3	.3	-9.000	.1	.05	.5
6225033	6255160	6.39	79	1	3.5	.05	.67	.5	.5	.2	.2	109	.17	.1	.33	4.9	.5	.22	.5	2	.2	.72	.20	5.5	.3	-9.000	.5	.05	1.0
6225034	6255161	6.37	178	1	4.4	.05	1.14	.5	.5	.2	.2	234	.14	.2	.52	3.6	.5	.52	.5	5	.2	.73	.42	11.3	.8	-9.000	.1	.05	1.0
6225035	6255162	6.52	104	2	5.1	.05	1.10	.5	.5	.2	.2	188	.19	.1	.48	6.9	2.0	.40	.5	2	1.0	1.53	.30	11.3	.8	-9.000	.7	.05	.5
6225036	6255163	6.12	37	1	4.2	.05	.59	.5	.5	.2	.2	117	.11	.1	.32	3.6	.5	.24	.5	2	.2	.24	.10	5.4	.2	-9.000	.1	.05	1.0
6225037	6255164	6.74	127	1	5.5	.05	1.45	.5	.5	.2	.2	117	.20	.1	.73	3.2	.5	.75	.5	2	.2	2.13	.27	19.2	.5	-9.000	.1	.05	3.0
6225038	6255165	6.72	118	1	5.2	.05	1.44	.5	.5	.2	.2	107	.18	.1	.71	2.7	.5	.73	.5	5	.2	2.10	.26	19.3	.5	-9.000	.3	.05	.5

APPENDIX 2

Sample Numbers, UTM Locations, Field Data and Analyses of Lake Sediment and Water Data for the Schefferville Area

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225039	6255166	6274352	6275166	5	2006	060731	5166	3	0	19	646632	6101126	23O02	.080	13.0	6	13	1	0	1	1	25.332
6225041	6255167	6274353	6275167	5	2006	060731	5167	3	0	19	647416	6105376	23O02	.070	5.0	6	13	3	0	1	1	13.836
6225042	6255168	6274354	6275168	5	2006	060731	5168	3	0	19	644607	6105837	23O02	.020	2.0	6	7	1	0	1	1	13.579
6225043	6255169	6274355	6275169	5	2006	060731	5169	3	0	19	646205	6108347	23O02	.030	4.0	6	7	1	0	1	1	10.062
6225044	6255170	6274356	6275170	5	2006	060731	5170	3	0	19	645225	6108465	23O02	.020	4.0	6	7	1	0	1	1	9.945
6225045	6255171	6274357	6275171	5	2006	060731	5171	3	0	19	646262	6109827	23O02	.240	10.0	6	7	1	0	1	1	17.177
6225046	6255172	6274358	6275172	5	2006	060731	5172	3	0	19	645124	6110955	23O02	.120	13.0	6	7	1	0	1	1	13.789
6225047	6255173	6274359	6275173	5	2006	060731	5173	3	0	19	645458	6111871	23O02	.490	10.0	6	7	1	0	1	1	20.552
6225048	6255174	6274361	6275174	5	2006	060731	5174	3	0	19	644124	6111687	23O02	.230	17.0	6	7	1	0	1	1	20.125
6225049	6255175	6274362	6275175	5	2006	060731	5175	3	0	19	642517	6112466	23O02	.070	8.0	6	7	1	0	1	1	15.390
6225051	6255176	6274363	6275176	5	2006	060731	5176	3	0	19	643050	6115995	23O02	.050	1.0	3	4	5	0	2	1	10.417
6225052	6255177	6274364	6275177	5	2006	060731	5177	3	0	19	648095	6119540	23O02	.140	8.0	6	13	3	0	1	1	12.751
6225053	6255178	6274365	6275178	5	2006	060731	5178	3	0	19	647720	6122005	23O02	.100	9.0	6	13	1	0	1	1	18.559
6225054	6255179	6274366	6275179	5	2006	060731	5179	3	0	19	646627	6123781	23O02	.020	10.0	6	13	1	0	1	1	18.499
6225055	6255180	6274367	6275180	5	2006	060731	5180	3	0	19	644308	6124408	23O02	.030	4.0	4	2	3	0	1	1	11.132
6225056	6255181	6274368	6275181	5	2006	060731	5181	3	0	19	643829	6125155	23O07	.040	7.0	6	2	3	0	1	1	12.403
6225057	6255182	6274369	6275182	5	2006	060731	5182	3	0	19	642131	6126439	23O07	.090	6.0	6	2	3	0	1	1	10.752
6225058	6255183	6274371	6275183	5	2006	060731	5183	3	0	19	642797	6128629	23O07	.060	14.0	6	13	1	0	1	1	16.301
6225059	6255184	6274372	6275184	5	2006	060731	5184	3	0	19	642420	6129376	23O07	.040	13.0	6	7	1	0	1	1	19.554
6225061	6255185	6274373	6275185	5	2006	060731	5185	3	0	19	640650	6129295	23O07	.004	2.0	4	2	3	0	1	1	7.755
6225062	6255186	6274374	6275186	5	2006	060731	5186	3	0	19	640856	6130524	23O07	.030	11.0	4	2	3	0	1	1	17.841
6225063	6255187	6274375	6275187	5	2006	060731	5187	3	1	19	640073	6133054	23O07	.150	11.0	4	2	1	0	1	1	18.307
6225064	6255188	6274376	6275188	5	2006	060731	5188	3	2	19	640070	6133074	23O07	.150	11.0	4	2	1	0	1	1	23.345
6225065	6255189	6274377	6275189	5	2006	060731	5189	3	0	19	640440	6133908	23O07	.330	22.0	4	2	1	0	1	1	16.244
6225066	6255190	6274378	6275190	5	2006	060731	5190	3	0	19	642836	6132374	23O07	.170	2.0	3	2	4	0	1	1	19.323
6225067	6255191	6274379	6275191	5	2006	060731	5191	3	0	19	644584	6132435	23O07	.030	3.0	3	2	5	0	2	1	7.520
6225068	6255192	6274381	6275192	5	2006	060731	5192	3	0	19	644743	6131494	23O07	.430	6.0	6	2	1	0	1	1	22.482
6225069	6255193	6274382	6275193	5	2006	060731	5193	3	0	19	643381	6131552	23O07	.002	2.0	3	4	5	0	2	1	8.953
6225071	6255194	6274383	6275194	5	2006	060731	5194	3	0	19	643261	6130525	23O07	.110	2.0	3	13	3	0	1	1	15.484
6225072	6255195	6274384	6275195	5	2006	060731	5195	3	0	19	643928	6129846	23O07	.010	1.0	3	7	1	0	1	1	20.486
6225073	6255196	6274385	6275196	5	2006	060731	5196	3	0	19	644247	6128874	23O07	.130	2.0	3	7	1	0	1	1	18.323
6225074	6255197	6274386	6275197	5	2006	060731	5197	3	0	19	646695	6126002	23O07	.090	1.0	3	7	1	0	1	1	20.708
6225075	6255198	6274387	6275198	5	2006	060731	5198	3	0	19	647899	6124782	23O02	.010	1.0	3	13	1	0	1	1	13.905
6225076	6255199	6274388	6275199	5	2006	060731	5199	3	0	19	647048	6116506	23O02	.030	4.0	4	4	3	0	1	1	7.428
6225077	6255200	6274389	6275200	5	2006	060731	5200	3	0	19	645987	6116552	23O02	.030	4.0	6	2	3	0	1	1	10.667
6225078	6255201	6274391	6275201	5	2006	060731	5201	3	0	19	647160	6115033	23O02	.030	3.0	6	2	3	0	1	1	8.955
	6275202	6274392	6275202	7	2006	060731	5202	3	0	19	646497	6113090	23O02	.020		2			0	2	1	
	6275203	6274393	6275203	7	2006	060731	5203	3	0	19	649148	6111011	23O02	.010		3			0	1	1	
6225082	6255204	6274394	6275204	5	2006	060731	5204	3	0	19	650659	6108802	23O02	.030	2.0	3	13	3	0	1	1	10.196
	6275205	6274395	6275205	7	2006	060731	5205	3	0	19	649948	6108174	23O02	.010		3			0	2	1	
6225084	6255206	6274396	6275206	5	2006	060731	5206	3	0	19	650417	6105650	23O02	.080	2.0	3	13	3	0	2	1	12.332
6225085	6255207	6274397	6275207	5	2006	060731	5207	3	1	19	651035	6105349	23O02	.160	2.0	3	13	3	0	1	1	15.293
6225086	6255208	6274398	6275208	5	2006	060731	5208	3	2	19	651018	6105390	23O02	.160	2.0	3	13	3	0	1	1	17.400
6225087	6255209	6274399	6275209	5	2006	060731	5209	3	0	19	649030	6101712	23O02	.020	4.0	4	4	4	0	1	1	6.098
6225088	6255210	6274401	6275210	5	2006	060731	5210	3	0	19	650658	6104496	23O02	.390	3.0	3	4	4	0	1	1	22.578
6225089	6255211	6274402	6275211	5	2006	060731	5211	3	0	19	652265	6106461	23O02	.650	2.0	3	7	5	0	1	1	23.361
6225091	6255212	6274403	6275212	5	2006	060731	5212	3	0	19	652194	6110157	23O02	.050	1.0	3	7	1	0	1	1	9.807
6225092	6255213	6274404	6275213	5	2006	060731	5213	3	0	19	655668	6111887	23O02	.080	1.0	2	2	5	0	2	1	9.648
6225093	6255214	6274405	6275214	5	2006	060731	5214	3	0	19	653243	6113418	23O02	.030	4.0	3	2	4	0	1	1	12.559
6225094	6255215	6274406	6275215	5	2006	060731	5215	3	0	19	651541	6114679	23O02	.010	1.0	3	7	1	0	1	1	13.542
6225095	6255216	6274407	6275216	5	2006	060731	5216	3	0	19	650514	6112116	23O02	.020	4.0	6	4	3	0	1	1	5.804
6225096	6255217	6274408	6275217	5	2006	060731	5217	3	0	19	648971	6112853	23O02	.020	3.0	6	2	3	0	1	1	13.312
6225097	6255218	6274409	6275218	5	2006	060731	5218	3	0	19	649305	6114307	23O02	.040	10.0	4	7	1	0	1	1	15.590
6225098	6255219	6274411	6275219	5	2006	060731	5219	3	0	19	649769	6116618	23O02	.090	8.0	4	7	1	0	1	1	20.420
6225099	6255220	6274412	6275220	5	2006	060731	5220	3	0	19	649357	6119631	23O02	.050	1.0	6	4	1	0	1	1	12.423
6225101	6255221	6274413	6275221	5	2006	060731	5221	3	0	19	651053	6120064	23O02	.140	1.0	6	7	5	0	1	1	11.374
6225102	6255222	6274414	6275222	5	2006	060731	5222	3	0	19	650891	6121504	23O02	.050	7.0	6	2	3	0	1	1	11.873
6225103	6255223	6274415	6275223	5	2006	060731	5223	3	0	19	650853	6122618	23O02	.120	21.0	6	7	1	0	1	1	16.737
6225104	6255224	6274416	6275224	5	2006	060731	5224	3	0	19	651060	6124303	23O02	1.100	2.0	6	7	3	0	1	1	20.464
	6275225	6274417	6275225	7	2006	060731	5225	3	0	19	651232	6125658	23O07	.330		2			0	1	2	
6225106	6255226	6274418	6275226	5	2006	060731	5226	3	0	19	649727	6126128	23O07	.070	3.0	2	2	5	0	1	2	7.325
	6275227	6274419	6275227	7	2006	060731	5227	3	0	19	653376	6123239	23O02	.030		2			0	1	1	
6225108	6255228	6274421	6275228	5	2006	060731	5228	3	1	19	652747	6118130	23O02	.070	5.0	6	7	3	0	1	1	13.682
6225109	6255229	6274422	6275229	5	2006	060731	5229	3	2	19	652729	6118158	23O02	.070	5.0	6	7	3	0	1	1	14.436
6225111	6255230	6274423	6275230	5	2006	060731	5230	3	0	19	654588	6118338	23O02	.120	2.0	3	4	3	0	1	1	14.714
6225112	6255231	6274424	6275231	5	2006	060731	5231	3	0	19	655780	6118282	23O02	2.330	3.0	3	7	1	0	1	1	29.938
6225113	6255232	6274425	6275232	5	2006	060731	5232	3	0	19	658860	6118476	23O02	.020	1.0	2	2	5	0	1	1	4.127
6225114	6255233	6274426	6275233	5	2006	060731	5233	3	0	19	660586	6116270	23O01	.110	1.0	3	7	5	0	1	1	14.942

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225115	6255234	6274427	6275234	5	2006	060731	5234	3	0	19	658842	6116256	23O02	.040	1.0	3	2	5	0	1	1	8.269
6225116	6255235	6274428	6275235	5	2006	060731	5235	3	0	19	656480	6115927	23O02	.070	1.0	3	7	5	0	1	1	18.393
6225117	6255236	6274429	6275236	5	2006	060731	5236	3	0	19	655383	6114866	23O02	.050	5.0	6	2	3	0	1	1	9.514
6225118	6255237	6274431	6275237	5	2006	060731	5237	3	0	19	660051	6114879	23O01	.410	7.0	6	13	3	0	1	1	9.529
6225119	6255238	6274432	6275238	5	2006	060731	5238	3	0	19	662028	6113510	23O01	1.260	5.0	6	7	1	0	1	1	20.498
6225121	6255239	6274433	6275239	5	2006	060731	5239	3	0	19	661257	6113528	23O01	.040	3.0	6	2	5	0	1	1	11.362
6225122	6255240	6274434	6275240	5	2006	060731	5240	3	0	19	661344	6112553	23O01	.080	4.0	6	2	3	0	1	1	10.740
6225123	6255241	6274435	6275241	5	2006	060731	5241	3	0	19	658597	6112519	23O02	.010	2.0	6	2	5	0	1	1	7.501
6225124	6255242	6274436	6275242	5	2006	060731	5242	3	0	19	657811	6110623	23O02	1.250	8.0	1	7	1	0	1	1	23.870
6225125	6255243	6274437	6275243	5	2006	060731	5243	3	0	19	657650	6107609	23O02	.020	1.0	2	2	5	0	1	1	8.495
6225126	6255244	6274438	6275244	5	2006	060731	5244	3	0	19	655712	6105132	23O02	.080	1.0	3	4	5	0	3	1	14.851
6225127	6255245	6274439	6275245	5	2006	060731	5245	3	0	19	653277	6103976	23O02	.004	1.0	3	2	5	0	1	1	5.237
6225128	6255246	6274441	6275246	5	2006	060731	5246	3	0	19	652929	6102265	23O02	.040	1.0	3	2	5	0	1	1	18.871
6225129	6255247	6274442	6275247	5	2006	060731	5247	3	0	19	651742	6102058	23O02	.180	3.0	3	7	1	0	1	1	16.320
6225131	6255248	6274443	6275248	5	2006	060731	5248	3	1	19	651898	6098284	23O02	.070	6.0	6	7	1	0	1	1	20.158
6225132	6255249	6274444	6275249	5	2006	060731	5249	3	2	19	651891	6098309	23O02	.070	6.0	6	7	1	0	1	1	14.158
6225133	6255250	6274445	6275250	5	2006	060801	5250	3	0	19	646918	6092338	23J15	.340	10.0	5	7	1	0	1	1	9.001
6225134	6255251	6274446	6275251	5	2006	060801	5251	3	0	19	647277	6094402	23J15	.020	10.0	4	8	3	0	1	1	17.229
6225135	6255252	6274447	6275252	5	2006	060801	5252	3	0	19	644667	6095917	23J15	.120	16.0	6	2	1	0	1	1	25.136
6225136	6255253	6274448	6275253	5	2006	060801	5253	3	0	19	647928	6095280	23J15	.350	15.0	6	4	3	0	1	1	21.866
6225137	6255254	6274449	6275254	5	2006	060801	5254	3	0	19	651083	6095550	23J15	.040	3.0	3	13	3	0	1	1	13.286
6225138	6255255	6274451	6275255	5	2006	060801	5255	3	0	19	653197	6093875	23J15	.230	4.0	6	7	1	0	1	1	25.487
6225139	6255256	6274452	6275256	5	2006	060801	5256	3	0	19	655293	6094615	23J15	.120	3.0	6	2	3	0	1	1	16.438
6225141	6255257	6274453	6275257	5	2006	060801	5257	3	0	19	654404	6095019	23J15	.500	6.0	6	7	1	0	1	1	23.747
6225142	6255258	6274454	6275258	5	2006	060801	5258	3	0	19	653461	6096345	23J15	.030	3.0	6	13	3	0	1	1	14.491
6225143	6255259	6274455	6275259	5	2006	060801	5259	3	0	19	658223	6101869	23O02	.050	1.0	3	2	5	0	1	1	8.209
6225144	6255260	6274456	6275260	5	2006	060801	5260	3	0	19	656943	6103621	23O02	.050	1.0	3	4	5	0	1	1	10.207
6225145	6255261	6274457	6275261	5	2006	060801	5261	3	0	19	661507	6107294	23O01	.070	4.0	3	2	5	0	1	1	5.836
6225146	6255262	6274458	6275262	5	2006	060801	5262	3	0	19	660429	6109620	23O01	.070	7.0	6	2	3	0	1	1	12.521
6225147	6255263	6274459	6275263	5	2006	060801	5263	3	0	19	662656	6110384	23O01	.030	3.0	6	2	3	0	1	1	7.170
6225148	6255264	6274461	6275264	5	2006	060801	5264	3	0	19	663781	6111773	23O01	.030	1.0	6	7	5	0	1	1	12.715
6225149	6255265	6274462	6275265	5	2006	060801	5265	3	0	19	664307	6111279	23O01	.090	3.0	6	13	3	0	1	1	13.206
6225151	6255266	6274463	6275266	5	2006	060801	5266	3	0	19	666893	6108437	23O01	.080	1.0	6	13	5	0	1	1	12.964
6225152	6255267	6274464	6275267	5	2006	060801	5267	3	0	19	668973	6106085	23O01	.680	8.0	6	2	1	0	1	1	14.385
6225153	6255268	6274465	6275268	5	2006	060801	5268	3	0	19	670142	6103989	23O01	.250	2.0	1	2	5	0	1	1	17.146
6225154	6255269	6274466	6275269	5	2006	060801	5269	3	0	19	671050	6103336	23O01	.120	2.0	3	2	5	0	1	1	9.937
6225155	6255270	6274467	6275270	5	2006	060801	5270	3	0	19	672868	6100322	23O01	.220	1.0	3	2	5	0	1	1	15.927
6225156	6255271	6274468	6275271	5	2006	060801	5271	3	1	19	674815	6098486	23O01	.050	5.0	1	2	3	0	1	1	8.673
6225157	6255272	6274469	6275272	5	2006	060801	5272	3	2	19	674823	6098508	23O01	.050	5.0	1	2	3	0	1	1	8.312
6225158	6255273	6274471	6275273	5	2006	060801	5273	3	0	19	672026	6099059	23O01	.030	1.0	3	2	5	0	1	1	9.271
6225159	6255274	6274472	6275274	5	2006	060801	5274	3	0	19	669392	6098729	23O01	.970	5.0	1	2	3	0	1	1	17.175
6225161	6255275	6274473	6275275	5	2006	060801	5275	3	0	19	668241	6098876	23O01	.220	3.0	3	2	3	0	1	1	17.212
6225162	6255276	6274474	6275276	5	2006	060801	5276	3	0	19	668716	6101606	23O01	2.250	2.0	3	7	1	0	1	1	33.352
6225163	6255277	6274475	6275277	5	2006	060801	5277	3	0	19	668880	6103115	23O01	2.250	7.0	3	13	3	0	1	1	10.357
6225164	6255278	6274476	6275278	5	2006	060801	5278	3	0	19	667745	6104490	23O01	.040	2.0	3	2	5	0	1	1	13.613
6225165	6255279	6274477	6275279	5	2006	060801	5279	3	0	19	667055	6106341	23O01	.580	7.0	3	7	3	0	1	1	10.699
6225166	6255280	6274478	6275280	5	2006	060801	5280	3	0	19	665694	6106791	23O01	.100	1.0	3	13	1	0	1	1	7.195
6225167	6255281	6274479	6275281	5	2006	060801	5281	3	0	19	663890	6106525	23O01	.070	6.0	1	13	3	0	1	1	9.436
6225168	6255282	6274481	6275282	5	2006	060801	5282	3	0	19	663918	6107348	23O01	.160	1.0	1	7	1	0	1	1	29.809
6225169	6255283	6274482	6275283	5	2006	060801	5283	3	0	19	662355	6105646	23O01	.070	4.0	6	13	3	0	1	1	12.044
6225171	6255284	6274483	6275284	5	2006	060801	5284	3	0	19	663293	6103966	23O01	.980	14.0	6	7	3	0	1	1	15.253
6225172	6255285	6274484	6275285	5	2006	060801	5285	3	0	19	664653	6103502	23O01	.110	3.0	1	13	3	0	1	1	15.478
6225173	6255286	6274485	6275286	5	2006	060801	5286	3	0	19	662922	6102101	23O01	.110	1.0	3	2	5	0	3	1	9.771
6225174	6255287	6274486	6275287	5	2006	060801	5287	3	0	19	662366	6098757	23O01	.020	1.0	3	14	5	0	3	1	8.769
6225175	6255288	6274487	6275288	5	2006	060801	5288	3	0	19	663907	6096580	23J16	.050	1.0	3	2	5	0	1	1	10.504
6225176	6255289	6274488	6275289	5	2006	060801	5289	3	0	19	650168	6087470	23J15	.020	1.0	3	2	1	0	1	1	19.628
6225177	6255290	6274489	6275290	5	2006	060801	5290	3	0	19	649704	6085970	23J15	.170	1.0	3	7	1	0	1	1	16.513
6225178	6255291	6274491	6275291	5	2006	060801	5291	3	0	19	665126	6092952	23J16	.030	1.0	3	2	5	0	3	1	10.409
6225179	6255292	6274492	6275292	5	2006	060801	5292	3	0	19	668305	6093385	23J16	.020	2.0	3	2	5	0	3	1	15.712
6225181	6255293	6274493	6275293	5	2006	060801	5293	3	0	19	673031	6096239	23J16	.200	1.0	3	13	5	0	1	1	14.312
6225182	6255294	6274494	6275294	5	2006	060801	5294	3	0	19	673790	6094859	23J16	.150	1.0	3	7	1	0	1	1	15.098
6225183	6255295	6274495	6275295	5	2006	060801	5295	3	0	19	675660	6095695	23J16	.010	1.0	3	2	5	0	1	1	4.589
6225184	6255296	6274496	6275296	5	2006	060801	5296	3	1	19	678299	6095169	23J16	.380	6.0	3	2	3	0	1	1	9.018
6225185	6255297	6274497	6275297	5	2006	060801	5297	3	2	19	678294	6095146	23J16	.380	6.0	3	2	3	0	1	1	8.515
6225186	6255298	6274498	6275298	5	2006	060801	5298	3	0	19	679487	6095554	23J16	.020	3.0	3	2	1	0	1	1	6.579
6225187	6255299	6274499	6275299	5	2006	060801	5299	3	0	19	677941	6093352	23J16	.140	2.0	3	2	3	0	1	1	14.596
6225188	6255300	6274501	6275300	5	2006	060801	5300	3	0	19	676688	6091786	23J16	.150	1.0	1	7	3	0	1	1	20.581
6225189	6255301	6274502	6275301	5	2006	060801	5301	3	0	19	677981	6090338	23J16	.300	4.0	3	2	3	0	1	1	14.339

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225191	6255302	6274503	6275302	5	2006	060801	5302	3	0	19	679865	6091270	23J16	.300	1.0	3	2	1	0	1	1	17.089
6225192	6255303	6274504	6275303	5	2006	060801	5303	3	0	19	679782	6093298	23J16	.510	5.0	3	2	3	0	1	1	13.158
6225193	6255304	6274505	6275304	5	2006	060801	5304	3	0	19	683088	6091623	23J16	.060	1.0	2	4	5	0	1	1	9.560
6225194	6255305	6274506	6275305	5	2006	060801	5305	3	0	19	687984	6089889	23J16	.030	1.0	3	7	1	0	1	1	23.763
6225195	6255306	6274507	6275306	5	2006	060801	5306	3	0	19	690422	6090692	23J16	.140	2.0	1	3	5	0	1	1	8.017
6225196	6255307	6274508	6275307	5	2006	060801	5307	3	0	20	309296	6090355	23I13	.090	3.0	3	2	3	0	1	1	9.756
6225197	6255308	6274509	6275308	5	2006	060801	5308	3	0	20	310092	6090187	23I13	.070	3.0	6	2	3	0	1	1	9.111
6225198	6255309	6274511	6275309	5	2006	060801	5309	3	0	20	312173	6090780	23I13	.080	2.0	3	2	5	0	1	1	5.006
6225199	6255310	6274512	6275310	5	2006	060801	5310	3	0	20	316539	6086939	23I13	.310	2.0	3	7	5	0	1	1	21.423
6225201	6255311	6274513	6275311	5	2006	060801	5311	3	0	20	316431	6085745	23I13	.430	1.0	3	13	3	0	1	1	11.417
6225202	6255312	6274514	6275312	5	2006	060801	5312	3	0	20	314127	6086484	23I13	.540	1.0	3	8	5	0	1	1	10.987
6225203	6255313	6274515	6275313	5	2006	060801	5313	3	0	20	313179	6087771	23I13	.040	1.0	3	2	5	0	1	1	6.787
6225204	6255314	6274516	6275314	5	2006	060801	5314	3	0	20	311346	6087487	23I13	.250	2.0	1	8	3	0	1	1	9.712
6225205	6255315	6274517	6275315	5	2006	060801	5315	3	0	20	309440	6087776	23I13	.110	2.0	3	13	5	0	1	1	7.621
6225206	6255316	6274518	6275316	5	2006	060801	5316	3	1	20	310731	6089283	23I13	.080	2.0	3	13	5	0	1	1	6.577
6225207	6255317	6274519	6275317	5	2006	060801	5317	3	2	20	310753	6089266	23I13	.080	2.0	3	13	5	0	1	1	8.011
6225208	6255318	6274521	6275318	5	2006	060801	5318	3	0	20	308788	6089191	23I13	.600	7.0	3	7	1	0	1	1	12.300
6225209	6255319	6274522	6275319	5	2006	060801	5319	3	0	19	691795	6088228	23J16	.150	2.0	3	7	1	0	1	1	9.992
6225211	6255320	6274523	6275320	5	2006	060801	5320	3	0	19	691106	6088460	23J16	.560	10.0	1	7	1	0	1	1	21.786
6225212	6255321	6274524	6275321	5	2006	060801	5321	3	0	19	685740	6089477	23J16	.020	1.0	3	2	5	0	1	1	10.994
6225213	6255322	6274525	6275322	5	2006	060801	5322	3	0	19	684672	6089638	23J16	.920	3.0	3	7	1	0	1	1	14.949
6225214	6255323	6274526	6275323	5	2006	060801	5323	3	0	19	682064	6090402	23J16	.350	2.0	3	7	1	0	1	1	22.487
6225215	6255324	6274527	6275324	5	2006	060801	5324	3	0	19	680994	6088383	23J16	.040	1.0	3	2	5	0	2	1	10.212
6225216	6255325	6274528	6275325	5	2006	060801	5325	3	0	19	678794	6086977	23J16	.340	2.0	1	2	5	0	1	1	15.944
6225217	6255326	6274529	6275326	5	2006	060801	5326	3	0	19	676976	6087499	23J16	.200	5.0	3	7	1	0	1	1	17.221
6225218	6255327	6274531	6275327	5	2006	060801	5327	3	0	19	674736	6086116	23J16	.050	1.0	3	4	5	0	2	1	11.110
6225219	6255328	6274532	6275328	5	2006	060801	5328	3	0	19	673421	6087579	23J16	.180	1.0	3	2	5	0	2	1	8.899
6225221	6255329	6274533	6275329	5	2006	060801	5329	3	0	19	672384	6086676	23J16	.040	1.0	3	4	5	0	2	1	20.376
6225222	6255330	6274534	6275330	5	2006	060801	5330	3	0	19	664699	6087210	23J16	.010	2.0	3	2	5	0	2	1	6.321
6225223	6255331	6274535	6275331	5	2006	060801	5331	3	0	19	658560	6085914	23J15	.370	19.0	6	2	3	0	1	1	22.312
6225224	6255332	6274536	6275332	5	2006	060801	5332	3	0	19	652966	6084379	23J15	.020	1.0	1	7	5	0	1	1	14.093
6225225	6255333	6274537	6275333	5	2006	060801	5333	3	1	19	652334	6085626	23J15	.020	5.0	6	1	3	0	1	1	8.837
6225226	6255334	6274538	6275334	5	2006	060801	5334	3	2	19	652348	6085611	23J15	.020	5.0	6	1	3	0	1	1	8.717
6225227	6255335	6274539	6275335	5	2006	060801	5335	3	0	19	661000	6083718	23J16	.030	5.0	6	14	3	0	1	1	10.047
6225228	6255336	6274541	6275336	5	2006	060801	5336	3	0	19	665837	6083189	23J16	.020	4.0	3	2	3	0	2	1	10.266
6225229	6255337	6274542	6275337	5	2006	060801	5337	3	0	19	670497	6084265	23J16	.520	2.0	3	7	1	0	2	1	31.761
6225231	6255338	6274543	6275338	5	2006	060801	5338	3	0	19	673726	6083197	23J16	.060	4.0	6	2	3	0	2	1	10.203
6225232	6255339	6274544	6275339	5	2006	060801	5339	3	0	19	676453	6084308	23J16	.220	2.0	3	2	3	0	2	1	11.571
6225233	6255340	6274545	6275340	5	2006	060801	5340	3	0	19	675859	6085319	23J16	.920	2.0	3	2	3	0	2	1	16.121
6225234	6255341	6274546	6275341	5	2006	060801	5341	3	0	19	677781	6085964	23J16	.190	2.0	3	3	1	0	1	1	12.751
6225235	6255342	6274547	6275342	5	2006	060801	5342	3	0	19	681022	6086457	23J16	.030	4.0	3	4	3	0	2	1	7.769
6225236	6255343	6274548	6275343	5	2006	060801	5343	3	0	19	682746	6088250	23J16	.030	2.0	3	4	3	0	1	1	21.325
6225237	6255344	6274549	6275344	5	2006	060801	5344	3	0	19	684097	6087685	23J16	.030	3.0	3	2	3	0	1	1	6.590
6225238	6255345	6274551	6275345	5	2006	060801	5345	3	0	19	685624	6088217	23J16	.090	2.0	3	3	3	0	1	1	18.189
6225239	6255346	6274552	6275346	5	2006	060801	5346	3	0	19	685912	6088636	23J16	.110	3.0	3	7	3	0	1	2	22.008
6225241	6255347	6274553	6275347	5	2006	060801	5347	3	0	19	687959	6087908	23J16	.020	1.0	3	2	3	0	2	1	11.836
6225242	6255348	6274554	6275348	5	2006	060801	5348	3	0	19	689214	6087650	23J16	1.400	4.0	3	13	3	0	1	1	16.475
6225243	6255349	6274555	6275349	5	2006	060801	5349	3	0	19	691742	6087213	23J16	.010	1.0	3	4	5	0	2	1	10.238
6225244	6255350	6274556	6275350	5	2006	060801	5350	3	0	20	308913	6086653	23I13	.030	3.0	3	2	3	0	1	1	12.065
6225245	6255351	6274557	6275351	5	2006	060801	5351	3	0	20	309540	6085434	23I13	.900	5.0	3	2	3	0	1	1	10.707
6225246	6255352	6274558	6275352	5	2006	060801	5352	3	0	20	310799	6085189	23I13	.080	3.0	1	2	3	0	1	1	23.477
6225247	6255353	6274559	6275353	5	2006	060801	5353	3	0	20	311108	6085444	23I13	.050	4.0	1	2	3	0	1	1	4.958
6225248	6255354	6274561	6275354	5	2006	060801	5354	3	0	20	313216	6084228	23I13	.120	2.0	3	8	3	0	1	1	20.079
6225249	6255355	6274562	6275355	5	2006	060801	5355	3	1	20	316874	6083085	23I13	.040	7.0	3	4	3	0	1	1	10.418
6225251	6255356	6274563	6275356	5	2006	060801	5356	3	2	20	316873	6083072	23I13	.040	6.0	3	4	3	0	1	1	7.863
6225252	6255357	6274564	6275357	5	2006	060801	5357	3	0	20	312681	6081459	23I13	.010	4.0	3	2	3	0	1	1	7.634
6225253	6255358	6274565	6275358	5	2006	060801	5358	3	0	20	312542	6082345	23I13	.080	9.0	1	7	1	0	1	1	22.850
6225254	6255359	6274566	6275359	5	2006	060801	5359	3	0	20	311296	6082954	23I13	.050	1.0	3	8	3	0	1	1	9.161
6225255	6255360	6274567	6275360	5	2006	060801	5360	3	0	20	310287	6081540	23I13	.770	5.0	1	2	3	0	1	1	12.458
6225256	6255361	6274568	6275361	5	2006	060801	5361	3	0	20	309743	6080816	23I13	.110	4.0	1	2	3	0	1	1	12.937
6225257	6255362	6274569	6275362	5	2006	060801	5362	3	0	20	308224	6083262	23I13	.020	1.0	3	4	3	0	2	1	6.823
6225258	6255363	6274571	6275363	5	2006	060801	5363	3	0	20	307795	6082878	23I13	.090	6.0	3	2	3	0	1	1	8.277
6225259	6255364	6274572	6275364	5	2006	060801	5364	3	0	19	689178	6084539	23J16	.050	1.0	3	8	3	0	1	1	6.329
6225261	6255365	6274573	6275365	5	2006	060801	5365	3	0	19	686892	6084777	23J16	.030	3.0	6	2	3	0	1	1	11.870
6225262	6255366	6274574	6275366	5	2006	060801	5366	3	0	19	685687	6085020	23J16	.150	6.0	6	2	3	0	1	1	12.841
6225263	6255367	6274575	6275367	5	2006	060801	5367	3	0	19	680519	6084372	23J16	.060	1.0	3	3	1	0	2	1	20.726
6225264	6255368	6274576	6275368	5	2006	060801	5368	3	0	19	677636	6083501	23J16	.010	2.0	3	4	3	0	2	1	9.250
6225265	6255369	6274577	6275369	5	2006	060801	5369	3	0	19	673837	6081181	23J16	.470	7.0	6	2	3	0	1	1	13.490

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225266	6255370	6274578	6275370	5	2006	060801	5370	3	0	19	670752	6081077	23J16	.050	2.0	3	4	5	0	3	1	8.718
6225267	6255371	6274579	6275371	5	2006	060801	5371	3	0	19	667225	6080161	23J16	.040	2.0	3	4	3	0	2	1	10.436
6225268	6255372	6274581	6275372	5	2006	060801	5372	3	0	19	661293	6080049	23J16	.010	4.0	3	2	3	0	1	1	4.272
6225269	6255373	6274582	6275373	5	2006	060801	5373	3	0	19	658457	6079342	23J15	.030	4.0	6	4	3	0	1	1	16.953
6225271	6255374	6274583	6275374	5	2006	060801	5374	3	0	19	657684	6080603	23J15	.010	4.0	4	4	3	0	2	1	4.092
6225272	6255375	6274584	6275375	5	2006	060801	5375	3	0	19	655706	6080220	23J15	.050	1.0	3	2	1	0	1	1	10.206
6225273	6255376	6274585	6275376	5	2006	060801	5376	3	1	19	653774	6080583	23J15	1.640	3.0	6	13	1	0	1	1	23.757
6225274	6255377	6274586	6275377	5	2006	060801	5377	3	2	19	653793	6080560	23J16	1.640	3.0	6	13	1	0	1	1	23.819
6225275	6255378	6274587	6275378	5	2006	060803	5378	3	0	19	652373	6080782	23J15	.410	2.0	3	13	3	0	1	1	11.509
6225276	6255379	6274588	6275379	5	2006	060803	5379	3	0	19	660094	6078197	23J15	.090	5.0	6	2	3	0	1	1	11.739
6225277	6255380	6274589	6275380	5	2006	060803	5380	3	0	19	661733	6077369	23J16	.110	20.0	6	13	1	0	1	1	17.741
6225278	6255381	6274591	6275381	5	2006	060803	5381	3	0	19	662774	6078848	23J16	.020	1.0	6	13	1	0	1	1	23.083
6225279	6255382	6274592	6275382	5	2006	060803	5382	3	0	19	665423	6076720	23J16	.010	2.0	1	2	3	0	1	1	7.086
6225281	6255383	6274593	6275383	5	2006	060803	5383	3	0	19	668185	6079438	23J16	.220	1.0	3	2	5	0	1	1	16.406
6225282	6255384	6274594	6275384	5	2006	060803	5384	3	0	19	668312	6078637	23J16	.090	1.0	1	2	5	0	1	1	13.425
6225283	6255385	6274595	6275385	5	2006	060803	5385	3	0	19	670257	6079436	23J16	.080	3.0	3	2	5	0	1	1	13.584
6225284	6255386	6274596	6275386	5	2006	060803	5386	3	0	19	674627	6078448	23J16	1.900	2.0	1	13	5	0	1	1	39.051
6225285	6255387	6274597	6275387	5	2006	060803	5387	3	0	19	676480	6080515	23J16	.050	3.0	3	2	3	0	1	1	14.756
6225286	6255388	6274598	6275388	5	2006	060803	5388	3	0	19	677863	6081473	23J16	.040	3.0	3	2	3	0	1	1	9.189
6225287	6255389	6274599	6275389	5	2006	060803	5389	3	0	19	680294	6080181	23J16	.110	3.0	3	2	3	0	1	1	8.532
6225288	6255390	6274601	6275390	5	2006	060803	5390	3	0	19	681661	6082347	23J16	.040	1.0	3	7	5	0	1	1	18.574
6225289	6255391	6274602	6275391	5	2006	060803	5391	3	0	19	683422	6082890	23J16	.060	2.0	3	2	5	0	1	1	9.303
	6275392	6274603	6275392	7	2006	060803	5392	3	0	19	686036	6081661	23J16	.010		2			0	1	1	
6225292	6255393	6274604	6275393	5	2006	060803	5393	3	0	19	688362	6083292	23J16	.060	2.0	1	2	1	0	1	1	10.703
6225293	6255394	6274605	6275394	5	2006	060803	5394	3	0	19	689085	6081485	23J16	.180	2.0	3	2	5	0	1	1	12.006
6225294	6255395	6274606	6275395	5	2006	060803	5395	3	0	19	689568	6082505	23J16	.210	5.0	3	13	3	0	1	1	10.558
6225295	6255396	6274607	6275396	5	2006	060803	5396	3	0	19	692098	6081283	23J16	.030	5.0	3	2	3	0	1	1	12.985
6225296	6255397	6274608	6275397	5	2006	060803	5397	3	1	20	309551	6078699	23I13	.160	15.0	1	2	1	0	1	1	14.845
6225297	6255398	6274609	6275398	5	2006	060803	5398	3	2	20	309592	6078637	23I13	.160	15.0	1	2	1	0	1	1	14.112
6225298	6255399	6274611	6275399	5	2006	060803	5399	3	0	20	312028	6078950	23I13	.160	5.0	1	13	3	0	1	1	20.203
6225299	6255400	6274612	6275400	5	2006	060803	5400	3	0	20	312702	6077562	23I13	.210	5.0	1	2	3	0	1	1	16.768
6225301	6255401	6274613	6275401	5	2006	060803	5401	3	0	20	314218	6076841	23I13	.230	2.0	1	2	5	0	1	1	16.877
6225302	6255402	6274614	6275402	5	2006	060803	5402	3	0	20	317465	6078517	23I13	1.250	9.0	1	2	1	0	1	1	31.086
6225303	6255403	6274615	6275403	5	2006	060803	5403	3	0	20	318466	6076315	23I13	.420	13.0	1	2	1	0	1	1	18.767
6225304	6255404	6274616	6275404	5	2006	060803	5404	3	0	20	319645	6075979	23I13	.040	3.0	1	2	3	0	1	1	7.664
6225305	6255405	6274617	6275405	5	2006	060803	5405	3	0	20	319438	6074003	23I13	.070	3.0	3	2	3	0	1	1	8.538
6225306	6255406	6274618	6275406	5	2006	060803	5406	3	0	20	317692	6073747	23I13	.240	2.0	3	13	5	0	1	1	17.683
6225307	6255407	6274619	6275407	5	2006	060803	5407	3	0	20	312615	6075797	23I13	1.010	8.0	1	7	1	0	1	1	18.923
6225308	6255408	6274621	6275408	5	2006	060803	5408	3	0	20	311566	6076002	23I13	.060	3.0	3	2	3	0	1	1	12.257
6225309	6255409	6274622	6275409	5	2006	060803	5409	3	0	20	309125	6076797	23I13	.570	7.0	3	2	3	0	1	1	14.649
6225311	6255410	6274623	6275410	5	2006	060803	5410	3	0	19	692530	6078557	23J16	.060	3.0	3	2	3	0	1	1	15.589
6225312	6255411	6274624	6275411	5	2006	060803	5411	3	0	19	690600	6078262	23J16	.060	1.0	1	8	1	0	1	1	7.648
6225313	6255412	6274625	6275412	5	2006	060803	5412	3	0	19	689132	6080453	23J16	.160	3.0	1	13	1	0	1	1	12.309
6225314	6255413	6274626	6275413	5	2006	060803	5413	3	0	19	687762	6080904	23J16	.030	1.0	3	8	1	0	2	1	8.988
6225315	6255414	6274627	6275414	5	2006	060803	5414	3	0	19	682275	6078996	23J16	.020	3.0	3	2	3	0	1	1	11.234
6225316	6255415	6274628	6275415	5	2006	060803	5415	3	0	19	680945	6078656	23J16	.640	4.0	3	7	1	0	1	1	12.650
6225317	6255416	6274629	6275416	5	2006	060803	5416	3	0	19	679197	6078284	23J16	.010	5.0	3	7	1	0	1	1	16.058
	6275417	6274631	6275417	7	2006	060803	5417	3	0	19	676169	6077235	23J16	.090		2			0	1	1	
6225319	6255418	6274632	6275418	5	2006	060803	5418	3	0	19	675063	6076264	23J16	.960	18.0	1	7	1	0	1	1	25.232
6225321	6255419	6274633	6275419	5	2006	060803	5419	3	0	19	671190	6076576	23J16	.440	6.0	1	7	1	0	1	1	25.359
6225322	6255420	6274634	6275420	5	2006	060803	5420	3	0	19	668293	6075591	23J16	.010	4.0	1	2	3	0	1	1	14.213
6225323	6255421	6274635	6275421	5	2006	060803	5421	3	0	19	660499	6075639	23J15	.050	3.0	3	13	3	0	1	1	21.469
	6275422	6274636	6275422	7	2006	060803	5422	3	0	19	658591	6077558	23J15	.090		6			0	1	1	
	6275423	6274637	6275423	7	2006	060803	5423	3	0	19	656159	6077975	23J15	.050		6			0	1	1	
6225326	6255424	6274638	6275424	5	2006	060803	5424	3	0	19	654500	6075126	23J15	.070	1.0	1	0	5	0	1	1	9.850
6225327	6255425	6274639	6275425	5	2006	060803	5425	3	0	19	656436	6076268	23J15	.050	1.0	3	0	5	0	1	1	13.502
	6275426	6274641	6275426	7	2006	060803	5426	3	0	19	658600	6075368	23J15	.080		6			0	1	1	
	6275427	6274642	6275427	7	2006	060803	5427	3	0	19	660483	6072684	23J15	.004		6			0	1	1	
6225331	6255428	6274643	6275428	5	2006	060803	5428	3	0	19	662773	6072269	23J16	.020	2.0	3	0	5	0	1	1	13.170
6225332	6255429	6274644	6275429	5	2006	060803	5429	3	0	19	664414	6071981	23J16	.200	3.0	3	0	1	0	1	1	20.425
6225333	6255430	6274645	6275430	5	2006	060803	5430	3	0	19	665211	6073697	23J16	.010	1.0	3	1	1	0	1	1	13.316
6225334	6255431	6274646	6275431	5	2006	060803	5431	3	1	19	669008	6074778	23J16	.070	5.0	6	0	1	0	1	1	16.464
6225335	6255432	6274647	6275432	5	2006	060803	5432	3	2	19	669009	6074770	23J16	.070	5.0	6	0	1	0	1	1	17.783
6225336	6255433	6274648	6275433	5	2006	060803	5433	3	0	19	672037	6075363	23J16	.600	6.0	1	1	3	0	1	1	12.532
6225337	6255434	6274649	6275434	5	2006	060803	5434	3	0	19	673623	6074005	23J16	.070	2.0	3	0	5	0	1	1	12.430
6225338	6255435	6274651	6275435	5	2006	060803	5435	3	0	19	676171	6074490	23J16	3.870	6.0	1	0	1	0	1	1	34.620
6225339	6255436	6274652	6275436	5	2006	060803	5436	3	0	19	678742	6076113	23J16	.130	5.0	3	1		0	1	1	41.343
6225341	6255437	6274653	6275437	5	2006	060803	5437	3	0	19	682947	6075935	23J16	.030	4.0	6	2	3	0	1	1	7.166

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225342	6255438	6274654	6275438	5	2006	060803	5438	3	0	19	684739	6076385	23J16	.570	2.0	3	2	5	0	1	1	12.299
6225343	6255439	6274655	6275439	5	2006	060803	5439	3	0	19	687824	6077793	23J16	.510	1.0	3	3	1	0	1	1	7.220
6225344	6255440	6274656	6275440	5	2006	060803	5440	3	0	19	688077	6078668	23J16	.070	3.0	1	3	3	0	1	1	19.362
6225345	6255441	6274657	6275441	5	2006	060803	5441	3	0	19	690585	6076951	23J16	.050	1.0	3	3	5	0	1	1	12.393
6225346	6255442	6274658	6275442	5	2006	060803	5442	3	0	19	691983	6076355	23J16	.600	3.0	3	2	3	0	1	1	41.574
6225347	6255443	6274659	6275443	5	2006	060803	5443	3	0	19	691991	6075255	23J16	.060	1.0	3	3	1	0	1	1	7.366
6225348	6255444	6274661	6275444	5	2006	060803	5444	3	0	20	308216	6074082	23I13	.020	4.0	1	3	3	0	1	1	11.699
6225349	6255445	6274662	6275445	5	2006	060803	5445	3	0	20	310846	6074359	23I13	.010	5.0	3	2	3	0	1	1	5.325
6225351	6255446	6274663	6275446	5	2006	060803	5446	3	0	20	312005	6073740	23I13	1.350	10.0	1	3	3	0	1	1	14.916
6225352	6255447	6274664	6275447	5	2006	060803	5447	3	0	20	312522	6071553	23I13	.010	3.0	3	4	3	0	1	1	11.822
6225353	6255448	6274665	6275448	5	2006	060803	5448	3	0	20	314695	6071277	23I13	.160	2.0	3	2	5	0	1	1	18.301
6225354	6255449	6274666	6275449	5	2006	060803	5449	3	0	20	318526	6071516	23I13	1.430	3.0	1	2	3	0	1	1	16.046
6225355	6255450	6274667	6275450	5	2006	060803	5450	3	0	20	320456	6070994	23I13	.080	1.0	3	2	5	0	1	1	13.706
6225356	6255451	6274668	6275451	5	2006	060803	5451	3	1	20	322355	6072883	23I13	.460	6.0	1	2	3	0	1	1	13.537
6225357	6255452	6274669	6275452	5	2006	060803	5452	3	2	20	322352	6072867	23I13	.460	6.0	1	2	3	0	1	1	13.600
6225358	6255453	6274671	6275453	5	2006	060803	5453	3	0	20	323376	6071239	23I13	.420	4.0	1	2	3	0	1	1	14.912
6225359	6255454	6274672	6275454	5	2006	060803	5454	3	0	20	320326	6069605	23I12	.130	2.0	3	2	5	0	1	1	17.271
6225361	6255455	6274673	6275455	5	2006	060803	5455	3	0	20	319715	6069755	23I12	.130	1.0	3	2	5	0	1	1	20.754
6225362	6255456	6274674	6275456	5	2006	060803	5456	3	0	20	310468	6071306	23I13	.180	3.0	3	7	3	0	1	1	29.990
6225363	6255457	6274675	6275457	5	2006	060803	5457	3	0	20	308496	6072939	23I13	.030	2.0	3	2	5	0	1	1	10.095
6225364	6255458	6274676	6275458	5	2006	060803	5458	3	0	19	687006	6073826	23J16	.050	2.0	4	2	5	0	1	1	10.293
6225365	6255459	6274677	6275459	5	2006	060803	5459	3	0	19	684109	6074961	23J16	.030	7.0	6	2	3	0	1	1	11.666
6225366	6255460	6274678	6275460	5	2006	060803	5460	3	0	19	683448	6074616	23J16	.030	4.0	1	2	3	0	1	1	11.710
	6275461	6274679	6275461	7	2006	060803	5461	3	0	19	679652	6074690	23J16	.090		2			0	1	2	
6225368	6255462	6274681	6275462	5	2006	060803	5462	3	0	19	678433	6073474	23J16	.400	4.0	3	13	3	0	1	1	25.618
6225369	6255463	6274682	6275463	5	2006	060803	5463	3	0	19	676883	6072622	23J16	.540	6.0	6	2	3	0	1	1	9.721
6225371	6255464	6274683	6275464	5	2006	060803	5464	3	0	19	673307	6072435	23J16	.030	2.0	3	2	5	0	1	1	15.598
6225372	6255465	6274684	6275465	5	2006	060803	5465	3	0	19	661971	6070894	23J16	.020	2.0	6	13	5	0	1	1	25.963
6225373	6255466	6274685	6275466	5	2006	060803	5466	3	0	19	658342	6070950	23J15	.170	3.0	5	7	1	0	1	1	21.943
	6275467	6274686	6275467	7	2006	060803	5467	3	0	19	654632	6071336	23J15	.020		5			0	1	1	
6225375	6255468	6274687	6275468	5	2006	060803	5468	3	0	19	651811	6072265	23J15	.010		3		3	0	1	1	14.994
6225376	6255469	6274688	6275469	5	2006	060803	5469	3	0	19	657748	6073035	23J15	.430	4.0	6	1	1	0	1	1	24.844
6225377	6255470	6274689	6275470	5	2006	060803	5470	3	0	19	659217	6069973	23J15	.250	3.0	6	0	1	0	1	1	24.354
6225378	6255471	6274691	6275471	5	2006	060803	5471	3	0	19	665774	6070311	23J16	.290	3.0	6	0	3	0	1	1	8.011
6225379	6255472	6274692	6275472	5	2006	060803	5472	3	0	19	666536	6068985	23J09	.050	4.0	3	0	3	0	2	1	21.135
6225381	6255473	6274693	6275473	5	2006	060803	5473	3	0	19	667753	6068179	23J09	.030	3.0	5	0	3	0	1	1	12.011
6225382	6255474	6274694	6275474	5	2006	060803	5474	3	0	19	670198	6069915	23J09	.100	2.0	5	0	3	0	1	1	13.924
6225383	6255475	6274695	6275475	5	2006	060803	5475	3	0	19	674709	6069884	23J09	.080	4.0	3	0	3	0	1	1	13.988
6225384	6255476	6274696	6275476	5	2006	060803	5476	3	0	19	675930	6070050	23J09	.250	2.0	3	1	1	0	1	1	23.165
6225385	6255477	6274697	6275477	5	2006	060803	5477	3	0	19	677000	6069543	23J09	.590	2.0	3	0	1	0	1	1	28.928
6225386	6255478	6274698	6275478	5	2006	060803	5478	3	0	19	679606	6071923	23J16	1.200	5.0	3	0	1	0	1	1	19.788
6225387	6255479	6274699	6275479	5	2006	060803	5479	3	1	19	681595	6071372	23J16	.040	5.0	4	0	3	0	1	1	8.063
6225388	6255480	6274701	6275480	5	2006	060803	5480	3	2	19	681567	6071362	23J16	.040	5.0	4	0	3		1	1	15.942
6225389	6255481	6274702	6275481	5	2006	060803	5481	3	0	19	683092	6071003	23J16	.040	6.0	6	2	3	0	1	1	5.925
6225391	6255482	6274703	6275482	5	2006	060803	5482	3	0	19	684455	6072831	23J16	3.000	3.0	1	2	3	0	1	1	17.360
6225392	6255483	6274704	6275483	5	2006	060803	5483	3	0	19	686253	6071141	23J16	.040	4.0	6	2	3	0	1	1	30.494
6225393	6255484	6274705	6275484	5	2006	060803	5484	3	0	20	307434	6070805	23I12	.230	2.0	1	3	3	0	1	1	15.629
6225394	6255485	6274706	6275485	5	2006	060803	5485	3	0	19	691865	6070430	23J09	.090	4.0	1	2	3	0	1	1	15.779
6225395	6255486	6274707	6275486	5	2006	060803	5486	3	0	19	690461	6069458	23J09	.180	4.0	1	2	3	0	1	1	14.603
6225396	6255487	6274708	6275487	5	2006	060803	5487	3	0	19	688219	6069384	23J09	.010	4.0	6	13	1	0	1	1	19.934
6225397	6255488	6274709	6275488	5	2006	060803	5488	3	0	19	685960	6069960	23J09	.020	5.0	4	13	1	0	1	1	28.778
6225398	6255489	6274711	6275489	5	2006	060803	5489	3	0	19	684227	6069290	23J09	.040	10.0	4	4	1	0	1	1	15.470
6225399	6255490	6274712	6275490	5	2006	060803	5490	3	0	19	680763	6069802	23J09	.010	3.0	2	4	5	0	1	1	10.579
6225401	6255491	6274713	6275491	5	2006	060803	5491	3	0	19	683567	6066471	23J09	.120	3.0	3	7	3	0	1	1	10.839
6225402	6255492	6274714	6275492	5	2006	060803	5492	3	0	19	685938	6066892	23J09	.010	3.0	3	2	1	0			5.407
6225403	6255493	6274715	6275493	5	2006	060803	5493	3	0	19	685882	6065916	23J09	.070	1.0	3	13	1	0	1	1	7.829
6225404	6255494	6274716	6275494	5	2006	060803	5494	3	0	19	692394	6066987	23J09	.640	2.0	3	7	1	0	1	1	11.841
6225405	6255495	6274717	6275495	5	2006	060803	5495	3	0	19	691298	6064883	23J09	.120	2.0	3	2	3	0	1	1	7.390
6225406	6255496	6274718	6275496	5	2006	060803	5496	3	0	19	692003	6063034	23J09	.800	4.0	3	2	3	0	2	1	11.618
6225407	6255497	6274719	6275497	5	2006	060803	5497	3	0	19	691401	6061433	23J09	.030	2.0	3	2	3	0	2	1	9.666
6225408	6255498	6274721	6275498	5	2006	060803	5498	3	0	19	689035	6063561	23J09	.020	2.0	3	4	5	0	1	1	4.281
6225409	6255499	6274722	6275499	5	2006	060803	5499	3	0	19	686571	6063682	23J09	.040	1.0	3	7	1	0	1	1	7.017
6225411	6255500	6274723	6275500	5	2006	060803	5500	3	1	19	684815	6063828	23J09	.070	5.0	5	2	3	0	1	1	13.266
6225412	6255501	6274724	6275501	5	2006	060803	5501	3	2	19	684836	6063824	23J09	.070	5.0	5	2	3	0	1	1	14.775
6225413	6255502	6274725	6275502	5	2006	060803	5502	3	0	19	683202	6064022	23J09	.040	1.0	5	7	3	0	1	1	9.613
6225414	6255503	6274726	6275503	5	2006	060803	5503	3	0	19	681839	6064406	23J09	.040	1.0	3	7	3	0	1	1	11.479
6225415	6255504	6274727	6275504	5	2006	060803	5504	3	0	19	678792	6063542	23J09	.270	2.0	3	4	3	0	1	1	12.828
6225416	6255505	6274728	6275505	5	2006	060803	5505	3	0	19	676114	6064920	23J09	1.250	3.0	3	13	1	0	1	1	29.207

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225417	6255506	6274729	6275506	5	2006	060803	5506	3	0	19	675602	6064283	23J09	.060	4.0	3	4	3	0	2	1	11.601
6225418	6255507	6274731	6275507	5	2006	060803	5507	3	0	19	673608	6064846	23J09	.050	2.0	3	4	3	0	1	1	15.554
6225419	6255508	6274732	6275508	5	2006	060803	5508	3	0	19	672379	6065927	23J09	.030	1.0	3	7	3	0	2	1	12.901
6225421	6255509	6274733	6275509	5	2006	060803	5509	3	0	19	668663	6065106	23J09	.010	.5	3	13	3	0	1	1	13.677
	6275510	6274734	6275510	7	2006	060803	5510	3	0	19	666795	6066924	23J09	.050		1			0	2	1	
6225423	6255511	6274735	6275511	5	2006	060803	5511	3	0	19	656630	6069560	23J15	10.000	2.0	5	2	1	0	1	1	29.781
6225424	6255512	6274736	6275512	5	2006	060803	5512	3	0	19	648522	6071965	23J15	1.780	7.0	1	2	3	0	1	1	20.531
6225425	6255513	6274737	6275513	5	2006	060804	5513	3	0	19	669544	6058569	23J09	.050	1.0	6	7	1	0	1	1	22.202
6225426	6255514	6274738	6275514	5	2006	060804	5514	3	0	19	667544	6056337	23J09	.170	4.0	1	4	3	0	2	1	14.806
	6275515	6274739	6275515	7	2006	060804	5515	3	0	19	665144	6052032	23J09	.020		2			0	3	2	
6225428	6255516	6274741	6275516	5	2006	060804	5516	3	0	19	666591	6049402	23J09	.040	2.0	3	4	3	0	2	1	16.555
6225429	6255517	6274742	6275517	5	2006	060804	5517	3	0	19	667427	6048356	23J09	.110	3.0	3	2	3	0	1	1	19.351
6225431	6255518	6274743	6275518	5	2006	060804	5518	3	0	19	665224	6048382	23J09	.040	3.0	3	2	3	0	2	1	14.412
6225432	6255519	6274744	6275519	5	2006	060804	5519	3	0	19	662143	6043831	23J09	.210	4.0	3	13	3	0	1	1	25.174
6225433	6255520	6274745	6275520	5	2006	060804	5520	3	0	19	667928	6042929	23J09	.410	15.0	6	2	1	0	1	1	24.123
6225434	6255521	6274746	6275521	5	2006	060804	5521	3	1	19	673407	6043165	23J09	.070	6.0	6	4	3	0	1	1	14.265
6225435	6255522	6274747	6275522	5	2006	060804	5522	3	2	19	673410	6043141	23J09	.070	6.0	6	4	3	0	1	1	15.904
6225436	6255523	6274748	6275523	5	2006	060804	5523	3	0	19	673806	6044554	23J09	.060	2.0	3	2	3	0	1	1	17.680
6225437	6255524	6274749	6275524	5	2006	060804	5524	3	0	19	676111	6048027	23J09	.330	6.0	6	4	3	0	1	1	18.575
6225438	6255525	6274751	6275525	5	2006	060804	5525	3	0	19	677337	6046720	23J09	.030	2.0	3	2	3	0	1	1	11.643
6225439	6255526	6274752	6275526	5	2006	060804	5526	3	0	19	679529	6046992	23J09	.020	2.0	1	2	3	0	1	1	9.617
6225441	6255527	6274753	6275527	5	2006	060804	5527	3	0	19	678967	6045140	23J09	.050	2.0	6	2	3	0	1	1	11.199
6225442	6255528	6274754	6275528	5	2006	060804	5528	3	0	19	680151	6044431	23J09	.300	5.0	6	13	1	0	1	1	28.976
6225443	6255529	6274755	6275529	5	2006	060804	5529	3	0	19	679023	6043040	23J09	.040	2.0	3	2	3	0	1	1	15.342
6225444	6255530	6274756	6275530	5	2006	060804	5530	3	0	19	679869	6042726	23J09	.330	6.0	6	2	3	0	1	1	22.932
6225445	6255531	6274757	6275531	5	2006	060804	5531	3	0	19	684220	6044403	23J09	.170	2.0	3	2	1	0	2	1	21.761
6225446	6255532	6274758	6275532	5	2006	060804	5532	3	0	19	686665	6044734	23J09	.150	3.0	3	2	3	0	1	1	17.562
6225447	6255533	6274759	6275533	5	2006	060804	5533	3	0	19	688259	6043580	23J09	.130	1.0	3	2	3	0	1	1	17.298
6225448	6255534	6274761	6275534	5	2006	060804	5534	3	0	19	688681	6044902	23J09	.280	2.0	3	2	1	0	1	1	13.350
6225449	6255535	6274762	6275535	5	2006	060804	5535	3	0	19	689279	6043488	23J09	.090	2.0	3	4	3	0	2	1	16.613
6225451	6255536	6274763	6275536	5	2006	060804	5536	3	0	19	692489	6043185	23J09	.460	3.0	3	2	3	0	1	1	17.385
6225452	6255537	6274764	6275537	5	2006	060804	5537	3	0	19	693509	6045342	23J09	.100	3.0	3	4	3	0	1	1	15.029
6225453	6255538	6274765	6275538	5	2006	060804	5538	3	0	19	686626	6046553	23J09	.950	3.0	3	13	3	0	1	1	18.567
6225454	6255539	6274766	6275539	5	2006	060804	5539	3	0	19	686114	6047680	23J09	.060	3.0	3	4	3	0	1	1	14.514
6225455	6255540	6274767	6275540	5	2006	060804	5540	3	0	19	683100	6048818	23J09	.070	7.0	1	4	3	0	1	1	15.605
6225456	6255541	6274768	6275541	5	2006	060804	5541	3	0	19	681088	6050168	23J09	.040	3.0	3	4	3	0	2	1	14.640
6225457	6255542	6274769	6275542	5	2006	060804	5542	3	0	19	675229	6051867	23J09	.120	6.0	6	2	3	0	1	1	11.730
6225458	6255543	6274771	6275543	5	2006	060804	5543	3	1	19	675418	6050554	23J09	.020	3.0	6	2	3	0	2	1	8.624
6225459	6255544	6274772	6275544	5	2006	060804	5544	3	2	19	675398	6050555	23J09	.020	3.0	6	2	3	0	2	1	7.853
6225461	6255545	6274773	6275545	5	2006	060804	5545	3	0	19	674228	6050757	23J09	.070	6.0	6	4	3	0	1	1	14.438
6225462	6255546	6274774	6275546	5	2006	060804	5546	3	0	19	672253	6050006	23J09	.290	6.0	6	2	1	0	1	1	19.990
6225463	6255547	6274775	6275547	5	2006	060804	5547	3	0	19	671077	6051740	23J09	1.280	10.0	6	2	1	0	1	1	20.857
6225464	6255548	6274776	6275548	5	2006	060804	5548	3	0	19	670765	6054309	23J09	.180	4.0	6	2	3	0	1	1	12.637
6225465	6255549	6274777	6275549	5	2006	060804	5549	3	0	19	669367	6054883	23J09	.030	3.0	1	2	3	0	1	1	14.536
6225466	6255550	6274778	6275550	5	2006	060804	5550	3	0	19	669653	6055888	23J09	.040	8.0	1	4	3	0	1	1	13.770
6225467	6255551	6274779	6275551	5	2006	060804	5551	3	0	19	662283	6062674	23J09	.020	1.0	3	8	1	0	1	1	17.389
6225468	6255552	6274781	6275552	5	2006	060804	5552	3	0	19	647705	6070437	23J15	.001	4.0	4	4	5	0	2	1	8.607
6225469	6255553	6274782	6275553	5	2006	060804	5553	3	0	19	646545	6071834	23J15	.180	5.0	6	7	1	0	1	1	30.163
6225471	6255554	6274783	6275554	5	2006	060804	5554	3	0	19	675451	6068125	23J05	1.010	3.0	1	13	3	0	1	1	17.347
6225472	6255555	6274784	6275555	5	2006	060804	5555	3	0	20	308140	6067852	23I12	.200	1.0	3	7	1	0	1	1	12.624
6225473	6255556	6274785	6275556	5	2006	060804	5556	3	0	20	308863	6067318	23I12	.290	1.0	3	7	1	0	1	1	23.953
6225474	6255557	6274786	6275557	5	2006	060804	5557	3	0	20	310176	6069320	23I12	.090	4.0	1	13	3	0	1	1	14.309
6225475	6255558	6274787	6275558	5	2006	060804	5558	3	0	20	312137	6069606	23I12	1.800	10.0	1	7	1	0	1	1	25.247
6225476	6255559	6274788	6275559	5	2006	060804	5559	3	0	20	314099	6068659	23I12	.190	4.0	3	2	3	0	1	1	14.173
6225477	6255560	6274789	6275560	5	2006	060804	5560	3	0	20	316337	6068667	23I12	.350	10.0	1	7	3	0	1	1	16.812
6225478	6255561	6274791	6275561	5	2006	060804	5561	3	0	20	322051	6067862	23I12	.010	1.0	3	2	5	0	1	1	5.809
6225479	6255562	6274792	6275562	5	2006	060804	5562	3	0	20	324833	6066515	23I12	.030	1.0	3	2	5	0	1	1	8.262
6225481	6255563	6274793	6275563	5	2006	060804	5563	3	0	20	332724	6066563	23I12	.760	1.0	3	7	1	0	1	1	22.032
6225482	6255564	6274794	6275564	5	2006	060804	5564	3	0	20	333102	6068002	23I12	.170	2.0	3	2	5	0	2	1	14.260
6225483	6255565	6274795	6275565	5	2006	060804	5565	3	0	20	335359	6066781	23I12	1.520	2.0	3	2	5	0	1	1	17.698
	6275566	6274796	6275566	7	2006	060804	5566	3	0	20	337317	6066239	23I12	.020		2			0	1	1	
6225485	6255567	6274797	6275567	5	2006	060804	5567	3	0	20	336815	6064933	23I12	.170	1.0	3	4	3	0	1	1	14.961
6225486	6255568	6274798	6275568	5	2006	060804	5568	3	0	20	333419	6065699	23I12	.030	1.0	2	4	5	0	2	1	13.702
6225487	6255569	6274799	6275569	5	2006	060804	5569	3	0	20	331203	6064327	23I12	.920	1.0	3	13	3	0	1	1	27.065
6225488	6255570	6274801	6275570	5	2006	060804	5570	3	0	20	330494	6063675	23I12	.010	1.0	3	4	3	0	1	2	17.445
6225489	6255571	6274802	6275571	5	2006	060804	5571	3	0	20	327273	6063463	23I12	.010	1.0	3	2	5	0	2	1	9.687
6225491	6255572	6274803	6275572	5	2006	060804	5572	3	0	20	322615	6064599	23I12	.005	1.0	3	13	3	0	1	1	8.749
6225492	6255573	6274804	6275573	5	2006	060804	5573	3	0	20	321517	6066046	23I12	.160	2.0	3	2	5	0	1	1	16.051

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225493	6255574	6274805	6275574	5	2006	060804	5574	3	0	20	317953	6065657	23I12	.320	2.0	1	2	3	0	1	1	12.153
6225494	6255575	6274806	6275575	5	2006	060804	5575	3	1	20	316562	6066558	23I12	.150	3.0	3	2	3	0	1	1	15.781
6225495	6255576	6274807	6275576	5	2006	060804	5576	3	2	20	316561	6066552	23I12	.150	3.0	3	2	3	0	1	1	15.002
6225496	6255577	6274808	6275577	5	2006	060804	5577	3	0	20	314882	6066685	23I12	.930	4.0	3	7	1	0	1	1	30.913
6225497	6255578	6274809	6275578	5	2006	060804	5578	3	0	20	312307	6066844	23I12	.050	1.0	3	13	1	0	1	1	12.489
6225498	6255579	6274811	6275579	5	2006	060804	5579	3	0	20	309393	6065059	23I12	.130	2.0	3	2	5	0	1	1	11.902
6225499	6255580	6274812	6275580	5	2006	060804	5580	3	0	20	308204	6064756	23I12	.160	2.0	3	2	3	0	1	1	9.768
6225501	6255581	6274813	6275581	5	2006	060804	5581	3	0	20	309083	6063655	23I12	.180	1.0	3	13	1	0	1	1	9.424
6225502	6255582	6274814	6275582	5	2006	060804	5582	3	0	20	306637	6062542	23I12	.180	3.0	3	13	3	0	1	1	17.247
6225503	6255583	6274815	6275583	5	2006	060804	5583	3	0	20	306625	6061504	23I12	.010	1.0	3	13	5	0	1	1	12.979
6225504	6255584	6274816	6275584	5	2006	060804	5584	3	0	19	692366	6058086	23J09	.010	.5	3	7	2	0	1	1	30.353
6225505	6255585	6274817	6275585	5	2006	060804	5585	3	0	19	689923	6058823	23J09	1.900	2.0	3	13	5	0	1	1	16.271
6225506	6255586	6274818	6275586	5	2006	060804	5586	3	0	19	646731	6074353	23J15	.100	3.0	6	2	3	0	1	1	9.118
6225507	6255587	6274819	6275587	5	2006	060804	5587	3	0	19	642137	6069218	23J15	.200	12.0	6	13	3	0	1	1	11.628
6225508	6255588	6274821	6275588	5	2006	060804	5588	3	0	19	640901	6070786	23J15	.550	11.0	6	2	3	0	1	1	8.086
6225509	6255589	6274822	6275589	5	2006	060804	5589	3	0	19	641264	6071586	23J15	.310	12.0	6	4	3	0	1	1	16.709
6225511	6255590	6274823	6275590	5	2006	060805	5590	3	0	20	307223	6059177	23I12	.600	2.0	3	2	3	0	1	1	13.135
6225512	6255591	6274824	6275591	5	2006	060805	5591	3	0	20	308797	6059103	23I12	.100	1.0	3	2	5	0	1	1	8.571
6225513	6255592	6274825	6275592	5	2006	060805	5592	3	0	20	310878	6057947	23I12	.840	2.0	3	13	5	0	1	1	12.762
6225514	6255593	6274826	6275593	5	2006	060805	5593	3	0	20	314181	6058822	23I12	.010	5.0	3	2	3	0	1	1	7.263
6225515	6255594	6274827	6275594	5	2006	060805	5594	3	0	20	312499	6061635	23I12	.010	5.0	6	2	3	0	1	1	4.491
	6275595	6274828	6275595	7	2006	060805	5595	3	0	20	313368	6061899	23I12	.010		4			0	1	1	
6225517	6255596	6274829	6275596	5	2006	060805	5596	3	0	20	314047	6060570	23I12	.080	6.0	6	2	3	0	1	1	9.471
6225518	6255597	6274831	6275597	5	2006	060805	5597	3	0	20	315079	6061062	23I12	1.650	9.0	1	7	3	0	1	1	24.352
6225519	6255598	6274832	6275598	5	2006	060805	5598	3	0	20	321264	6058418	23I12	.010	2.0	3	2	5	0	1	1	4.365
6225521	6255599	6274833	6275599	5	2006	060805	5599	3	0	20	323703	6056556	23I12	.120	3.0	3	2	3	0	1	1	12.068
6225522	6255600	6274834	6275600	5	2006	060805	5600	3	0	20	326192	6056588	23I12	.010	2.0	1	2	3	0	1	1	4.323
6225523	6255601	6274835	6275601	5	2006	060805	5601	3	0	20	327671	6058410	23I12	.220	2.0	3	2	5	0	1	1	15.566
6225524	6255602	6274836	6275602	5	2006	060805	5602	3	0	20	331086	6057095	23I12	.060	2.0	3	2	5	0	1	1	8.949
6225525	6255603	6274837	6275603	5	2006	060805	5603	3	0	20	333831	6057171	23I12	.100	2.0	3	2	5	0	1	1	15.787
6225526	6255604	6274838	6275604	5	2006	060805	5604	3	0	20	336384	6060594	23I12	.050	2.0	2	2	5	0	2	1	11.828
6225527	6255605	6274839	6275605	5	2006	060805	5605	3	0	20	334661	6060072	23I12	.180	1.0	3	4	3	0	1	1	11.652
6225528	6255606	6274841	6275606	5	2006	060805	5606	3	0	20	333945	6059410	23I12	.630	1.0	3	7	1	0	1	1	26.619
6225529	6255607	6274842	6275607	5	2006	060805	5607	3	0	20	330583	6059690	23I12	.220	4.0	3	4	3	0	1	1	17.684
6225531	6255608	6274843	6275608	5	2006	060805	5608	3	1	20	331262	6060596	23I12	.240	3.0	3	4	3	0	1	1	13.352
6225532	6255609	6274844	6275609	5	2006	060805	5609	3	2	20	331262	6060592	23I12	.240	3.0	3	4	3	0	1	1	14.621
	6275610	6274845	6275610	7	2006	060805	5610	3	0	20	325776	6061304	23I12	.100		3			0	1	1	
6225534	6255611	6274846	6275611	5	2006	060805	5611	3	0	20	323396	6059819	23I12	.070	1.0	3	2	5	0	1	1	11.137
6225535	6255612	6274847	6275612	5	2006	060805	5612	3	0	20	323350	6059061	23I12	.020	1.0	3	2	5	0	1	1	11.889
6225536	6255613	6274848	6275613	5	2006	060805	5613	3	0	20	320810	6061471	23I12	.010	1.0	1	3	5	0	1	1	7.730
6225537	6255614	6274849	6275614	5	2006	060805	5614	3	0	20	321947	6063372	23I12	.270	5.0	3	2	3	0	1	1	18.167
6225538	6255615	6274851	6275615	5	2006	060805	5615	3	0	20	319404	6062979	23I12	.020	3.0	3	2	3	0	1	1	26.085
6225539	6255616	6274852	6275616	5	2006	060805	5616	3	0	20	318133	6064148	23I12	.070	3.0	3	2	3	0	1	1	13.601
6225541	6255617	6274853	6275617	5	2006	060805	5617	3	0	20	317116	6064875	23I12	.120	5.0	6	13	3	0	1	1	8.167
6225542	6255618	6274854	6275618	5	2006	060805	5618	3	0	20	315706	6064097	23I12	.070	3.0	6	13	3	0	1	1	13.809
6225543	6255619	6274855	6275619	5	2006	060805	5619	3	0	20	312623	6065082	23I12	.330	3.0	3	2	3	0	1	1	14.237
6225544	6255620	6274856	6275620	5	2006	060805	5620	3	0	20	312338	6064047	23I12	.020	1.0	3	2	1	0	1	1	5.457
6225545	6255621	6274857	6275621	5	2006	060805	5621	3	0	20	310035	6063135	23I12	.040	1.0	3	2	5	0	1	1	5.618
6225546	6255622	6274858	6275622	5	2006	060805	5622	3	0	20	309712	6062280	23I12	.410	2.0	6	7	3	0	1	1	14.660
6225547	6255623	6274859	6275623	5	2006	060805	5623	3	0	20	309665	6061216	23I12	.010	1.0	3	2	3	0	1	1	5.164
6225548	6255624	6274861	6275624	5	2006	060805	5624	3	0	20	308033	6060656	23I12	.360	1.0	3	3	1	0	1	1	9.892
6225549	6255625	6274862	6275625	5	2006	060805	5625	3	0	20	307265	6061274	23I12	.060	3.0	3	2	3	0			11.302
6225551	6255626	6274863	6275626	5	2006	060805	5626	3	0	19	665431	6054335	23J09	.170	2.0	6	13	1	0	1	1	17.952
6225552	6255627	6274864	6275627	5	2006	060805	5627	3	0	19	672903	6052788	23J09	.030	4.0	6	4	3	0	1	1	13.059
6225553	6255628	6274865	6275628	5	2006	060805	5628	3	0	19	673600	6053506	23J09	.040	2.0	6	2	3	0	2	1	10.601
6225554	6255629	6274866	6275629	5	2006	060805	5629	3	0	19	681394	6051128	23J09	.070	3.0	3	2	1	0	1	1	21.089
6225555	6255630	6274867	6275630	5	2006	060805	5630	3	0	19	682705	6051367	23J09	.250	2.0	3	13	1	0	2	1	16.179
6225556	6255631	6274868	6275631	5	2006	060805	5631	3	0	19	683821	6049909	23J09	.890	2.0	3	13	1	0	2	1	21.361
6225557	6255632	6274869	6275632	5	2006	060805	5632	3	0	19	685982	6050089	23J09	.090	1.0	3	4	5	0	2	2	11.000
6225558	6255633	6274871	6275633	5	2006	060805	5633	3	0	19	687265	6050330	23J09	.700	2.0	3	13	3	0	1	1	22.448
6225559	6255634	6274872	6275634	5	2006	060805	5634	3	0	19	689055	6049118	23J09	.100	4.0	3	4	3	0	1	1	21.052
6225561	6255635	6274873	6275635	5	2006	060805	5635	3	0	19	690943	6049951	23J09	.170	2.0	3	4	3	0	1	1	23.045
6225562	6255636	6274874	6275636	5	2006	060805	5636	3	0	19	691053	6050977	23J09	.290	2.0	3	7	1	0	1	1	17.343
	6275637	6274875	6275637	7	2006	060805	5637	3	0	19	690363	6051890	23J09	.010		3			0	1	1	
6225564	6255638	6274876	6275638	5	2006	060805	5638	3	0	19	687935	6051504	23J09	.320	2.0	3	13	3	0	1	1	15.264
6225565	6255639	6274877	6275639	5	2006	060805	5639	3	1	19	685730	6051796	23J09	.060	1.0	3	13	3	0	1	1	20.373
6225566	6255640	6274878	6275640	5	2006	060805	5640	3	2	19	685724	6051811	23J09	.060	1.0	3	13	3	0	1	1	32.028
6225567	6255641	6274879	6275641	5	2006	060805	5641	3	0	19	685062	6053420	23J09	.920	3.0	3	2	3	0	1	1	19.321

Appendix 2: Schefferville Area

labnum	fldnum	labnum_w	fldnum_w	samptype	sampyear	sampdate	subnum	srvyarea	sitedup	utmzone	utmeast	utmnorth	nts_map	area_km2	depth_m	veg	colour	comp	contam	watclr	watsusp	mass_g
6225568	6255642	6274881	6275642	5	2006	060805	5642	3	0	19	683485	6054966	23J09	.070	6.0	1	4	3	0	1	1	14.114
6225569	6255643	6274882	6275643	5	2006	060805	5643	3	0	19	682938	6056463	23J09	.900	1.0	3	13	1	0	1	1	12.097
6225571	6255644	6274883	6275644	5	2006	060805	5644	3	0	19	681173	6054161	23J09	.050	2.0	3	4	3	0	2	1	14.873
6225572	6255645	6274884	6275645	5	2006	060805	5645	3	0	19	680244	6055473	23J09	.050	2.0	2	4	5	0	1	1	11.694
6225573	6255646	6274885	6275646	5	2006	060805	5646	3	0	19	677097	6056970	23J09	.300	2.0	3	3	1	0	2	1	20.514
6225574	6255647	6274886	6275647	5	2006	060805	5647	3	0	19	678144	6059471	23J09	.080	4.0	3	4	3	0	1	1	9.096
6225575	6255648	6274887	6275648	5	2006	060805	5648	3	0	19	679605	6059683	23J09	.380	4.0	3	2	3	0	1	1	31.985
6225576	6255649	6274888	6275649	5	2006	060805	5649	3	0	19	682273	6059299	23J09	.100	3.0	3	4	3	0	1	1	13.530
6225577	6255650	6274889	6275650	5	2006	060805	5650	3	0	19	686145	6059039	23J09	.004	2.0	3	4	5	0	2	1	19.596
6225578	6255651	6274891	6275651	5	2006	060805	5651	3	0	19	687934	6058186	23J09	.010	2.0	3	4	3	0	2	1	11.502
6225579	6255652	6274892	6275652	5	2006	060805	5652	3	0	19	688513	6055732	23J09	.020	2.0	3	4	3	0	2	1	7.008
	6275653	6274893	6275653	7	2006	060805	5653	3	0	19	691256	6057206	23J09	.020		3			0	1	1	
6225582	6255654	6274894	6275654	5	2006	060805	5654	3	0	19	686880	6060588	23J09	.030	2.0	3	4	3	0	1	1	9.425
6225583	6255655	6274895	6275655	5	2006	060805	5655	3	0	19	684849	6060828	23J09	2.700	4.0	3	4	3	0	1	1	16.160
6225584	6255656	6274896	6275656	5	2006	060805	5656	3	0	19	681959	6061974	23J09	1.040	3.0	1	13	3	0	1	1	18.967
6225585	6255657	6274897	6275657	5	2006	060805	5657	3	0	19	679627	6061435	23J09	.100	2.0	6	13	3	0	1	1	22.115
6225586	6255658	6274898	6275658	5	2006	060805	5658	3	0	19	676014	6060605	23J09	.230	2.0	3	2	3	0	1	1	17.130
6225587	6255659	6274899	6275659	5	2006	060805	5659	3	0	19	672828	6060568	23J09	.100	2.0	3	2	3	0	1	1	18.478
6225588	6255660	6274901	6275660	5	2006	060805	5660	3	0	19	674490	6062081	23J09	.160	4.0	3	4	3	0	1	1	18.458
6225589	6255661	6274902	6275661	5	2006	060805	5661	3	0	19	673331	6062905	23J09	.040	3.0	3	7	1	0	2	1	25.022
6225591	6255662	6274903	6275662	5	2006	060805	5662	3	0	19	671928	6063349	23J09	.040	2.0	3	13	1	0	2	1	18.000
6225592	6255663	6274904	6275663	5	2006	060805	5663	3	1	19	643757	6069176	23J15	.090	4.0	6	2	3	0	1	1	15.807
6225593	6255664	6274905	6275664	5	2006	060805	5664	3	2	19	643743	6069176	23J15	.090	4.0	6	2	3	0	1	1	18.441
6225594	6255665	6274906	6275665	5	2006	060806	5665	3	0	19	639075	6073218	23J15	.140	12.0	4	2	3	1	1	1	17.084
6225595	6255666	6274907	6275666	5	2006	060806	5666	3	0	19	637196	6071957	23J15	.010	5.0	4	2	1	1	1	1	20.047
	6275667	6274908	6275667	7	2006	060806	5667	3	0	19	636285	6072208	23J15	.030		4			1	1	1	
6225597	6255668	6274909	6275668	5	2006	060806	5668	3	0	19	637735	6071272	23J15	.500	17.0	4	13	3	1	1	1	8.986
6225598	6255669	6274911	6275669	5	2006	060806	5669	3	0	19	637409	6070393	23J15	.010	3.0	4	8	5	1	1	1	14.193
	6275670	6274912	6275670	7	2006	060806	5670	3	0	19	635878	6070094	23J15	.090		4		7	1	1	1	
6225601	6255671	6274913	6275671	5	2006	060806	5671	3	0	19	634680	6069662	23J15	.230	15.0	4	10	2	1	1	1	34.057
6225602	6255672	6274914	6275672	5	2006	060806	5672	3	0	19	632797	6070064	23J15	.060	4.0	5	13	1	0	1	1	6.068
6225603	6255673	6274915	6275673	5	2006	060806	5673	3	0	19	631239	6071069	23J15	.160	9.0	5	13	1	0	1	1	28.248
6225604	6255674	6274916	6275674	5	2006	060806	5674	3	0	19	633925	6072133	23J15	.030	14.0	4	4	3	0	1	1	10.056
6225605	6255675	6274917	6275675	5	2006	060806	5675	3	0	19	632067	6072450	23J15	.150	9.0	6	2	3	0	1	1	9.484
6225606	6255676	6274918	6275676	5	2006	060806	5676	3	0	19	630951	6074688	23J15	.030	16.0	4	2	3	0	1	1	19.225
6225607	6255677	6274919	6275677	5	2006	060806	5677	3	0	19	629179	6074591	23J15	.080	5.0	4	13	3	0	1	1	10.499
6225608	6255678	6274921	6275678	5	2006	060806	5678	3	0	19	630074	6075822	23J15	.050	9.0	6	13	1	1	1	1	16.915
6225609	6255679	6274922	6275679	5	2006	060806	5679	3	0	19	629420	6077326	23J15	.050	2.0	6	2	3	0	1	1	13.441
6225611	6255680	6274923	6275680	5	2006	060806	5680	3	0	19	628819	6078346	23J15	.050	9.0	4	4	3	1	1	1	17.245
6225612	6255681	6274924	6275681	5	2006	060806	5681	3	0	19	634679	6073558	23J15	.050	3.0	4	2	1	1	1	1	7.961
	6275682	6274925	6275682	7	2006	060806	5682	3	1	19	636322	6075013	23J15	.070		4			0	1	1	
	6275683	6274926	6275683	7	2006	060806	5683	3	2	19	636322	6075013	23J15	.070		4			0	1	1	

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225039	6255166	1.00	6.19	36.0	37	5.0	400	449	1.7	19	.53	3.20	68	64	52	44	140	125	3.2	219	8.3	1.8	305	11.8	11.11	2.0	1.31	38	34	37.8	24.5	.43
6225041	6255167	.40	5.02	5.8	8	2.0	260	305	1.1	19	.48	.90	56	54	20	18	99	103	2.6	76	3.7	1.1	258	4.9	4.76	2.0	.93	27	25	26.8	27.6	.28
6225042	6255168	.20	4.52	2.1	6	.5	290	302	.9	26	.43	.70	37	35	11	11	87	84	3.0	77	2.9	1.1	252	2.6	2.44	2.0	.96	19	17	26.0	29.8	.23
6225043	6255169	.50	6.84	6.5	8	4.0	460	472	1.8	13	.23	.30	72	70	14	15	130	130	5.7	86	3.5	1.4	312	3.5	3.48	2.0	1.61	30	28	36.4	17.0	.29
6225044	6255170	.30	5.37	5.7	7	.5	340	376	1.3	16	.47	.60	50	52	16	15	100	105	4.6	77	2.8	.2	299	3.8	3.66	2.0	1.19	23	22	35.5	22.4	.24
6225045	6255171	.70	7.05	18.0	19	6.0	510	534	1.9	14	.45	.50	93	86	37	34	150	133	5.6	80	4.7	1.5	347	7.8	7.52	3.0	1.68	38	33	47.4	17.3	.34
6225046	6255172	.60	6.70	6.5	7	4.0	450	439	1.6	16	.27	.50	69	67	22	20	140	131	5.3	74	3.7	1.1	321	6.5	5.97	3.0	1.54	31	26	39.4	18.6	.31
6225047	6255173	.50	7.26	11.0	12	4.0	460	518	2.1	10	.27	.80	86	87	44	39	160	140	5.7	94	5.7	1.8	308	10.0	9.48	3.0	1.77	38	33	45.9	15.1	.36
6225048	6255174	.80	7.01	12.0	13	6.0	460	472	1.9	17	.42	.80	92	82	57	47	170	140	5.1	106	6.8	1.3	296	10.5	9.46	3.0	1.55	39	33	40.3	19.0	.41
6225049	6255175	.50	7.04	10.0	11	3.0	450	468	1.8	14	.39	.70	68	69	25	26	150	148	4.8	100	3.7	2.2	296	6.9	6.32	3.0	1.61	31	28	40.0	17.2	.31
6225051	6255176	.10	1.45	2.8	3	.5	73	96	.5	22	.28	.40	17	18	7	6	30	28	1.3	31	1.3	.2	91	1.8	1.63	.5	.30	8	7	5.1	85.2	.12
6225052	6255177	.30	4.81	2.4	3	4.0	230	233	.9	25	.41	.60	51	51	19	17	110	100	2.9	72	3.7	1.4	220	4.2	3.92	.5	.78	24	21	23.8	31.6	.24
6225053	6255178	.40	8.05	10.0	11	6.0	520	531	1.9	14	.41	.70	63	66	41	36	200	167	6.4	109	4.8	1.4	336	8.6	8.24	3.0	1.75	30	25	46.5	18.9	.36
6225054	6255179	.50	7.29	6.9	9	5.0	440	453	1.6	23	.51	.60	54	53	56	47	180	163	5.8	118	3.6	.9	297	6.8	6.29	2.0	1.47	26	21	41.6	29.8	.29
6225055	6255180	.40	5.05	1.6	3	4.0	260	259	1.0	18	.53	.60	50	46	15	15	110	100	3.5	108	3.4	1.0	219	3.1	2.87	1.0	.90	23	20	26.5	29.9	.25
6225056	6255181	.30	5.19	1.8	3	4.0	260	249	1.0	17	.53	.70	46	43	23	21	110	103	3.3	82	4.0	1.1	207	4.9	4.67	1.0	.80	21	18	25.3	24.9	.27
6225057	6255182	.30	3.91	2.3	4	.5	170	171	.8	30	.50	.80	31	34	17	15	95	80	2.4	111	3.3	1.0	158	3.1	2.78	1.0	.56	17	15	15.9	39.9	.28
6225058	6255183	.30	6.79	16.0	16	4.0	450	454	1.4	16	.49	.50	63	61	25	24	170	151	4.2	75	4.1	1.1	299	8.0	7.41	3.0	1.41	30	26	47.0	16.0	.33
6225059	6255184	.20	7.68	14.0	15	5.0	500	508	1.5	12	.59	.50	68	65	25	24	180	167	4.6	72	3.8	1.1	327	5.9	5.43	3.0	1.54	34	29	54.4	16.4	.31
6225061	6255185	.05	3.72	1.4	3	.5	180	201	.6	11	.52	.60	23	27	14	13	63	72	2.5	52	2.5	.2	236	2.6	2.60	.5	.60	13	14	20.2	29.9	.15
6225062	6255186	.40	6.41	8.7	10	5.0	390	383	1.6	25	.61	1.20	67	63	35	31	150	145	4.5	199	6.1	1.5	215	7.0	6.44	3.0	1.08	33	29	31.4	32.7	.52
6225063	6255187	.20	7.00	11.0	12	4.0	440	406	1.4	13	.89	1.30	68	60	30	28	170	147	4.0	117	5.2	1.3	275	6.5	6.10	3.0	1.30	32	27	39.5	14.6	.38
6225064	6255188	.05	7.15	18.0	18	3.0	440	450	1.5	6	1.19	1.00	67	61	36	33	180	155	3.9	106	4.4	1.3	286	6.9	6.68	4.0	1.56	33	28	44.9	8.3	.37
6225065	6255189	.70	6.68	20.0	19	5.0	440	431	1.4	20	.68	1.10	72	67	32	27	170	149	4.2	125	5.1	1.5	258	9.3	8.35	3.0	1.16	35	29	40.3	21.6	.44
6225066	6255190	.05	3.88	2.8	4	5.0	360	359	2.0	24	.68	.80	56	52	92	73	90	71	4.6	53	4.4	1.6	220	6.4	5.60	2.0	.84	27	22	29.6	33.7	.30
6225067	6255191	.05	.27	13.0	10	.5	25	27	.2	19	.75	1.50	27	21	1	2	2	7	.2	96	3.1	.2	42	1.5	1.33	.5	.03	71	66	1.0	54.7	.31
6225068	6255192	.05	7.67	22.0	22	4.0	530	561	2.1	12	.77	.60	82	74	38	34	200	166	6.8	119	4.5	1.4	443	7.2	6.48	4.0	2.19	48	38	51.5	8.4	.44
6225069	6255193	.20	.19	.2	1	.5	25	48	.1	17	.67	.20	6	2	5	5	2	4	.2	9	.1	.2	31	.4	.36	.5	.02	1	2	.4	95.9	.02
6225071	6255194	.10	3.50	1.0	2	3.0	220	246	1.2	19	.59	.70	42	39	45	35	78	66	5.5	42	3.5	1.5	186	5.1	4.26	1.0	.84	19	16	29.3	37.3	.23
6225072	6255195	.05	5.66	4.7	6	4.0	270	269	.9	13	.91	.60	43	34	30	31	130	126	2.8	50	3.2	1.3	205	4.7	4.35	3.0	.79	21	20	35.1	18.3	.21
6225073	6255196	.10	5.50	2.2	4	3.0	360	351	1.6	16	.65	.50	54	55	44	41	110	109	6.1	49	4.4	1.1	285	4.2	4.22	2.0	1.27	27	27	46.9	25.5	.28
6225074	6255197	.10	5.01	2.0	3	1.0	300	305	1.1	15	.90	.60	38	34	23	21	120	107	4.0	39	3.6	1.0	221	4.0	3.60	2.0	.96	22	19	38.8	27.9	.32
6225075	6255198	.20	3.89	1.3	3	2.0	230	241	.7	12	1.10	.60	30	24	13	13	84	84	3.9	51	3.2	1.0	218	2.9	2.72	1.0	.74	20	18	26.1	33.4	.24
6225076	6255199	.30	4.52	2.3	3	3.0	270	288	1.0	20	.56	.50	50	44	13	13	91	90	3.3	60	2.9	1.2	218	2.6	2.63	.5	.87	20	19	24.9	24.8	.18
6225077	6255200	.30	5.81	4.8	6	4.0	370	374	1.5	18	.50	.50	49	49	19	19	140	120	4.9	71	2.9	1.1	291	4.1	3.72	2.0	1.30	24	21	37.7	19.9	.27
6225078	6255201	.20	3.73	4.5	4	4.0	260	242	.9	28	.45	.50	45	42	11	13	87	79	3.0	53	2.8	.2	188	2.7	2.40	1.0	.72	18	18	20.2	33.9	.17
	6275202																															
	6275203																															
6225082	6255204	.05	2.61	1.4	1	.5	170	176	1.6	20	.52	.60	46	46	30	27	49	45	4.3	64	5.0	2.1	160	2.7	2.54	2.0	.54	22	21	19.4	29.4	.32
	6275205																															
6225084	6255206	.10	2.68	2.9	3	.5	200	200	1.0	29	.80	.50	36	36	23	22	50	49	3.6	53	3.1	1.3	206	3.3	3.02	2.0	.60	17	16	18.2	46.4	.17
6225085	6255207	.10	3.00	3.1	3	.5	180	191	1.4	42	.59	.70	55	53	32	28	60	51	3.3	53	4.6	2.8	202	3.2	2.88	2.0	.63	27	25	18.9	47.1	.32
6225086	6255208	.05	3.12	2.4	3	.5	190	184	1.4	39	.63	.60	62	54	28	25	55	53	3.4	50	4.5	2.3	187	3.1	2.65	2.0	.65	29	25	20.1	47.4	.35
6225087	6255209	.30	2.98	2.3	3	2.0	160	174	.7	21	.46	.90	23	21	6	7	58	57	2.3	65	2.2	.2	203	1.6	1.68	.5	.53	13	12	15.9	27.5	.18
6225088	6255210	.10	5.05	6.5	7	.5	340	349	2.0	97	.81	.60	73	67	42	37	110	96	3.8	53	4.4	2.1	275	5.6	5.05	3.0	1.24	34	29	33.6	28.3	.41
6225089	6255211	.05	5.73	5.1	6	2.0	410	386	1.8	23	.63	.50	74	70	26	24	100	96	5.2	65	4.9	2.9	319	5.2	4.71	4.0	1.41	42	35	44.6	24.8	.46
6225091	6255212	.20	3.97	4.3	5	3.0	280	281	1.8	14	.46	1.10	50	56	50	45	81	78	2.9	51	3.8	1.7	224	5.7	5.51	2.0	.76	25	23	34.3	25.7	.28
6225092	6255213	.05	.31	2.3	2	.5	25	30	.1	29	.29	.50	12	7	2	3	2	11	.2	15	.4	.2	39	1.8	1.35	.5	.03	3	3	.5	91.9	.07
6225093	6255214	.10	.60	2.7	2	1.0	25	51	.2	39	1.06	.40	4	7	9	9	16	18	.2	25	.6	.2	49	2.3	1.93	.5	.09	3	3	2.6	60.9	.07
6225094	6255215	.05	4.33	6.2	6	.5	340	321	1.2	9	.70	.80	58	66	37	33	100	93	3.2	61	4.4	2.1	206	6.6	6.34	2.0	.88	32	27	39.4	22.6	.30
6225095	6255216	.80	3.03	2.1	3	3.0	190	182	.8	31	.25	.50	35	38	10	10	56	66	2.0	77	2.1	1.5	177	1.1	1.15	1.0	.51	17	16	12.5	35.2	.15
6225096	6255217	.20	4.71	8.3	9	.5	340	336	1.0	23	.45	.30	49	45	27	25	92	95	3.7	49	2.3	1.3	210	2.9	2.75	1.0	.97	21	19	33.7	24.5	.20
6225097	6255218	.60	7.30	7.9	10	7.0	510	470	1.7	15	.47	.90	80	73	44	39	170	152	5.7	114	4.2	2.1	312	6.3	5.96	3.0	1.61	37	29	39.9	19.8	.38
6225098	6255219	.30	8.55	12.0	14	6.0	580	554	2.0	7	.59	.50	79	79	57	52	180	174	7.0	100	4.1	1.8	338	7.0	6.72	4.0	1.93	37	33	53.7	14.1	.40
6225099	6255220	.30	5.83	5.3	6	5.0	390	393	1.2	19	.42	.40	53	44	21	21	130	121	5.4	72	2.4	1.2	302	3.6	3.29	2.0	1.33	22	19	35.1	26.7	.27
6225101	6255221	.20	2.63	2.5	3	.5	190	186	.7	21	.70	1.00	62	58	30	27	62	69	2.2	77	3.9	2.3	155	4.1	3.55	1.0	.46	31	29	27.7	32.7	.31
6225102	6255222	1.70	2.36	3.5	5	3.0	170	144	1.0	25	.97	1.60	73	1	140	117	76	51	1.7	104	13.2	.2	110	6.9	6.54	.5	.33	33	30	20.5	30.7	.28
6225103	6255223	.70	6.08	6.4	8	5.0	320	335	1.7	17	.56	.60	54	52	21	23	170	164	4.3	87	3.8	2.0	302	8.1	7.10	3.0	1.39	25	23	40.9	19.2	.29
6225104	6255224	.05	3.44	4.4	5	.5	230	244	.7	12	1.16	.70	41	38	13	15	91	81	1.7	38	2.9	1.3	230	4.8	4.21	3.0	.76	19	18	22.9	29.3	.28
	6275225																															
6225106	6255226	.05	.65	1.0	1	.5	25	46	.3	26	.62	.70	25	24	4	4	2	15	.2	33	2.1	.9	48	.6	.58	.5	.03	12	12	1.0	59.6	.13
	6275227																															
6225108	6255228	.20	4.87	7.1	8	.5	270	263	1.2	23	.70	1.00	57	61	26	25	140	137	3.1	112	4.3	1.9	252	4.6	4.40	2.0	.85	31	28	27.6	31.5	.36
6225109	6255229	.20	4.67	6.8	8	2.0	250	257	1.1	26	.75	1.00	67	59	24	24	130	132	2.8	98	4.3	1.3	214	4.3	3.95	3.0	.79	32	27	26.6	31.3	.40
6225111	6255230	.20	2.16	3.3	4	.5	150	150	.5	29	.35	.40	30	26	5	6	58	55	1.5	47	1.7	.7	141	1.8	1.52	2.0	.43	14	12	8.4	73.5	.17
6225112	6255231	.05	6.02	10.0	10	2.0	400	381	1.2	5	1.71	.60	60	55	27	28	190	160	2.9	72	3.5	1.5	317	7.0	6.43	4.0	1.45	31	25	32.2	7.4	.37
6225113	6255232	.20	.77	.2	1	2.0	25	40	.1	19	.36	.70	6	10	3	4	2	21	.2	69	1.5	.2	64	.7	.67	.5	.06	6	6	1.6	44.2	.14
6225114	6255233	.05	2.68	2.6	3	2.0	100	108	.4	19	.94	1.00	39	33	16	16	89	81	1.3	75	3.0	1.1	188	3.4	2.91	1.0	.30	18	17	9.5	41.3	.30

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225115	6255234	.20	1.68	2.8	3	4.0	59	71	.3	18	.54	.70	23	26	23	19	47	45	1.1	63	2.2	1.0	107	2.8	2.49	.5	.18	14	12	7.1	35.7	.22
6225116	6255235	.05	3.33	13.0	10	3.0	250	220	.7	13	.96	.70	44	33	23	20	120	87	2.3	40	2.0	.9	236	5.4	4.19	3.0	.71	22	16	18.3	38.1	.26
6225117	6255236	.20	3.89	3.2	7	4.0	190	208	1.0	18	.75	1.00	44	37	17	19	130	115	2.5	84	2.7	.2	215	4.2	3.41	3.0	.80	21	19	27.7	25.7	.29
6225118	6255237	.40	3.65	3.4	5	4.0	150	148	1.0	27	.62	1.20	80	78	22	22	94	100	1.8	174	4.4	2.0	195	5.3	4.70	2.0	.45	34	34	12.3	22.2	.37
6225119	6255238	.05	5.36	18.0	16	4.0	300	283	.8	8	2.19	.90	44	44	33	32	180	166	1.7	102	4.0	1.7	224	7.6	6.84	4.0	.88	24	20	16.6	11.1	.39
6225121	6255239	.10	2.50	2.3	4	.5	83	93	.4	25	.58	.80	25	23	16	15	73	72	1.2	82	2.2	1.1	133	2.7	2.41	.5	.27	11	10	8.6	32.3	.22
6225122	6255240	.20	2.84	3.4	4	4.0	110	105	.6	28	.76	.90	59	54	16	16	78	77	1.4	128	3.9	1.2	158	3.0	2.78	2.0	.35	33	29	9.8	32.3	.36
6225123	6255241	.05	1.58	.2	1	.5	70	72	.2	16	.58	.90	13	15	9	9	38	41	.8	41	1.2	.2	114	1.7	1.55	.5	.21	8	8	8.0	28.8	.13
6225124	6255242	.90	4.13	16.0	15	.5	410	397	1.4	25	1.04	1.70	61	24	51	43	130	119	2.5	155	6.6	2.5	187	16.7	14.64	3.0	.82	34	28	21.3	19.8	.43
6225125	6255243	.20	.15	.2	1	.5	25	16	.1	22	1.55	.40	2	1	1	1	2	5	.2	11	.1	.2	44	.5	.36	.5	.02	1	1	.7	92.2	.02
6225126	6255244	.05	4.37	2.2	4	2.0	270	295	.8	23	1.09	.60	48	40	25	25	110	99	2.5	26	1.8	.2	228	4.1	3.71	3.0	1.01	22	19	25.7	35.3	.23
6225127	6255245	.05	2.05	.2	1	.5	160	124	.7	14	.34	.60	33	39	9	9	32	39	2.6	51	3.9	2.4	98	4.0	3.58	.5	.38	17	16	19.3	27.7	.19
6225128	6255246	.20	2.52	1.2	2	.5	170	171	1.1	14	.65	.90	47	49	22	18	71	56	3.0	67	4.5	3.0	122	14.9	10.82	2.0	.54	29	23	31.7	38.2	.41
6225129	6255247	.05	3.87	5.5	7	.5	200	220	2.4	56	.68	1.20	71	77	67	68	64	74	2.8	91	6.4	2.9	186	5.9	5.41	3.0	.71	32	33	21.2	35.8	.56
6225131	6255248	.70	6.25	12.0	11	5.0	450	447	1.9	13	.56	2.30	64	61	33	32	120	126	4.3	117	4.3	1.5	406	8.1	7.83	4.0	1.46	34	29	37.5	17.5	.47
6225132	6255249	.60	5.88	11.0	13	4.0	430	421	1.7	12	.44	2.20	61	57	24	23	120	113	4.1	104	3.9	1.2	336	6.7	6.57	3.0	1.37	30	26	34.4	16.3	.40
6225133	6255250	2.50	.67	6.5	8	2.0	160	191	1.1	25	.54	1.60	16	1	46	40	13	11	1.8	37	19.7	.2	128	4.1	4.30	.5	.23	11	11	4.8	17.1	.19
6225134	6255251	1.20	2.48	6.2	6	3.0	190	173	1.8	38	.34	1.70	42	54	18	15	28	34	2.8	50	4.1	1.2	228	18.2	16.32	2.0	.73	31	26	17.2	32.7	.46
6225135	6255252	1.80	5.50	16.0	16	7.0	450	432	3.0	21	.15	4.60	74	70	15	16	89	78	7.0	94	4.6	1.7	628	10.0	9.41	4.0	2.03	44	36	35.9	19.2	.55
6225136	6255253	.20	4.60	14.0	13	4.0	460	440	1.9	27	.41	1.00	65	62	19	18	89	87	3.5	81	3.9	1.5	417	9.3	8.79	3.0	1.71	38	31	28.6	15.5	.51
6225137	6255254	.40	3.48	5.9	6	3.0	240	234	1.2	14	.54	1.30	50	51	15	14	75	66	1.9	364	4.1	.2	287	5.7	5.42	2.0	.85	30	27	24.3	25.8	.32
6225138	6255255	.30	6.16	13.0	13	4.0	550	511	2.0	3	.61	.80	76	59	23	24	120	123	4.8	76	3.0	.2	515	8.8	8.46	5.0	2.32	38	31	42.3	5.0	.44
6225139	6255256	.40	3.49	8.6	9	3.0	190	194	1.1	32	.52	1.10	39	42	12	12	89	72	2.1	80	3.3	.2	251	4.7	4.29	2.0	.75	24	21	17.1	38.3	.28
6225141	6255257	.60	5.07	17.0	17	5.0	420	425	1.9	13	.50	2.20	64	73	27	26	98	102	3.1	113	4.9	1.8	336	13.4	12.86	3.0	1.44	35	35	29.8	14.9	.42
6225142	6255258	.40	5.01	7.3	8	3.0	290	293	1.4	18	.46	1.20	42	44	10	14	97	95	3.6	91	3.4	.2	343	4.7	4.39	3.0	1.21	26	23	29.8	25.8	.38
6225143	6255259	.10	1.21	3.2	3	.5	67	90	.5	27	.59	.70	7	15	34	35	12	23	.9	14	1.1	.2	82	2.3	2.56	.5	.26	6	7	7.2	79.4	.10
6225144	6255260	.05	2.63	2.7	3	.5	150	177	.5	23	1.01	.50	31	25	8	11	60	61	1.4	21	1.2	.2	111	2.6	2.54	1.0	.55	12	13	12.3	57.8	.12
6225145	6255261	.10	3.13	1.2	2	.5	110	100	.7	21	.42	1.30	60	72	11	11	76	61	1.1	68	3.3	1.6	115	3.2	3.30	.5	.25	34	33	9.4	33.3	.26
6225146	6255262	.30	3.53	3.7	4	3.0	120	120	.6	35	.69	1.00	37	32	16	16	93	83	1.1	127	3.3	1.2	181	3.5	3.39	.5	.34	17	15	10.5	40.3	.29
6225147	6255263	.30	2.38	3.3	6	3.0	82	91	.4	25	.47	.70	29	27	12	13	55	58	1.0	103	2.0	.2	125	2.5	2.49	.5	.30	12	11	7.6	33.7	.18
6225148	6255264	.05	3.64	4.4	5	3.0	150	159	.6	15	1.42	1.20	49	41	28	25	130	110	1.0	85	3.7	1.4	170	4.9	4.61	2.0	.45	22	20	10.8	28.9	.38
6225149	6255265	.05	3.14	3.6	4	.5	98	119	.6	27	1.06	1.40	52	52	19	19	110	102	1.7	127	4.7	1.3	170	3.7	3.53	2.0	.41	32	30	11.0	38.1	.41
6225151	6255266	.05	4.47	3.7	5	4.0	180	193	.8	18	.85	1.30	55	63	24	24	140	124	2.8	87	4.4	.2	207	6.1	5.33	2.0	.83	29	29	17.1	27.3	.34
6225152	6255267	.20	4.61	6.1	7	3.0	220	202	.8	16	1.43	.90	46	47	24	26	150	151	1.3	91	4.3	1.3	184	7.6	7.09	2.0	.60	22	22	13.4	16.5	.36
6225153	6255268	.05	4.13	3.2	4	3.0	240	206	.6	12	1.56	.80	51	46	23	22	150	132	1.7	74	4.3	1.2	184	4.2	3.84	2.0	.56	29	26	13.1	23.9	.36
6225154	6255269	.20	1.71	2.5	4	.5	80	106	.4	16	.58	1.20	38	38	19	19	61	60	.7	82	3.2	1.2	142	3.8	3.70	.5	.17	18	18	8.9	36.2	.27
6225155	6255270	.05	3.18	8.4	9	2.0	200	197	.7	21	.99	1.10	52	46	25	23	84	83	1.1	82	4.4	1.7	144	4.5	4.32	2.0	.56	27	25	12.9	34.8	.40
6225156	6255271	.40	3.57	6.8	7	4.0	200	170	.7	16	.54	.80	34	36	22	21	80	85	1.6	90	2.5	.2	230	4.0	4.04	2.0	.59	15	15	14.5	23.5	.22
6225157	6255272	.40	3.50	6.7	6	4.0	150	161	.7	19	.43	.90	30	36	24	22	95	86	1.7	98	2.5	1.5	202	5.5	5.30	2.0	.56	15	13	13.7	26.0	.22
6225158	6255273	.05	.45	4.9	4	.5	58	62	.2	20	.15	.60	8	10	3	3	2	13	.2	23	.6	.2	76	2.1	1.94	.5	.03	4	3	.6	88.0	.06
6225159	6255274	.05	3.83	6.8	7	3.0	200	214	.9	26	1.22	1.10	51	45	38	36	94	93	1.1	72	3.1	1.3	199	5.2	4.68	2.0	.66	24	20	16.0	37.9	.34
6225161	6255275	.05	2.59	13.0	12	.5	150	169	.6	21	.93	1.10	38	36	21	19	70	69	1.2	58	2.5	1.0	122	3.5	3.19	2.0	.47	18	16	10.4	55.6	.30
6225162	6255276	.05	5.98	12.0	14	4.0	410	399	1.1	2	1.54	.40	51	53	30	28	170	148	2.4	79	3.4	1.9	260	10.4	9.56	4.0	1.35	26	21	24.2	4.0	.33
6225163	6255277	.10	3.73	5.5	6	4.0	160	179	.7	22	1.02	.80	40	40	18	18	94	99	1.6	72	2.9	.2	207	4.4	3.95	2.0	.64	19	19	16.1	24.7	.28
6225164	6255278	.10	3.02	4.3	4	.5	110	128	.5	23	.80	1.10	38	36	15	16	100	87	1.4	88	3.0	1.3	192	3.6	2.96	1.0	.38	17	17	10.5	38.7	.26
6225165	6255279	.40	3.44	8.1	8	4.0	200	172	.8	20	.61	1.40	48	50	30	27	100	104	1.2	123	4.2	1.2	147	6.9	6.34	2.0	.39	23	21	9.4	20.7	.38
6225166	6255280	.05	1.77	1.3	1	3.0	86	97	.4	13	.57	.90	42	44	9	9	47	46	1.2	63	3.2	1.0	123	2.2	2.21	.5	.25	24	25	14.6	25.8	.19
6225167	6255281	.50	3.08	5.4	5	5.0	170	159	.8	21	.65	1.20	38	40	18	18	79	76	2.1	185	3.3	1.3	131	4.9	4.73	2.0	.47	20	19	12.5	24.3	.32
6225168	6255282	.05	5.54	9.4	10	3.0	330	341	.9	5	2.26	.60	51	50	29	29	190	164	1.7	56	3.5	1.7	183	7.8	7.81	5.0	1.12	25	22	19.9	6.6	.33
6225169	6255283	.20	4.07	6.9	7	3.0	170	150	1.3	21	.40	1.70	58	66	22	21	100	95	2.3	120	4.4	1.7	203	9.3	8.82	1.0	.55	40	36	17.5	29.7	.39
6225171	6255284	.20	4.65	7.3	7	3.0	250	254	1.1	29	1.11	1.00	50	49	17	19	150	134	1.8	99	3.7	1.9	206	5.9	5.49	3.0	.82	30	26	20.7	22.0	.41
6225172	6255285	.05	3.55	3.3	4	4.0	150	155	.8	25	.93	1.70	71	67	20	20	100	88	1.5	111	4.4	1.8	198	3.9	3.60	2.0	.53	41	36	16.0	36.1	.39
6225173	6255286	.05	.36	3.3	3	.5	25	35	.1	21	.23	.50	7	8	3	3	15	11	.2	20	.6	.2	32	1.6	1.35	.5	.05	4	4	.7	94.0	.06
6225174	6255287	.05	.42	2.9	3	.5	25	30	.2	26	.29	.40	14	13	3	4	2	10	.2	25	1.1	.7	21	2.1	1.58	.5	.03	5	5	.5	89.8	.09
6225175	6255288	.05	1.23	4.2	3	.5	71	69	.4	34	.22	.70	27	24	4	5	15	31	.2	49	1.7	.2	45	2.1	1.74	.5	.17	11	10	3.2	83.3	.12
6225176	6255289	.10	5.27	3.2	6	3.0	530	515	1.6	7	.32	.40	63	56	8	11	69	73	4.1	25	2.8	1.0	356	3.1	3.03	5.0	2.06	34	26	31.2	15.4	.34
6225177	6255290	.50	2.73	32.0	32	2.0	260	265	1.2	12	.45	34.80	80	79	38	35	38	40	2.1	222	5.5	2.2	201	3.3	3.18	3.0	.86	60	55	13.6	25.0	.51
6225178	6255291	.10	.25	1.4	1	.5	25	34	.1	19	.33	.30	6	6	1	2	2	5	.2	13	.6	.2	33	1.5	1.27	.5	.02	3	3	.4	95.3	.06
6225179	6255292	.10	2.62	18.0	17	2.0	200	210	.5	15	.99	.50	29	27	12	12	54	55	1.0	23	1.4	.2	214	4.0	3.70	2.0	.63	14	12	10.5	55.2	.17
6225181	6255293	.05	3.86	3.2	4	5.0	210	223	.6	17	1.09	.80	39	34	15	15	94	90	1.5	51	2.6	.8	108	3.2	3.16	2.0	.73	20	18	17.4	28.7	.27
6225182	6255294	.10	4.03	3.4	4	3.0	260	264	.7	14	1.38	.90	38	34	19	17	100	90	1.6	49	2.7	.2	248	3.4	3.14	2.0	.77	21	18	17.3	26.8	.31
6225183	6255295	.10	1.47	1.7	1	3.0	84	88	.3	12	.22	.40	2	14	8	9	27	31	.9	38	.9	.2	90	1.4	1.28	.5	.23	6	6	6.1	19.2	.11
6225184	6255296	.50	3.04	7.7	7	4.0	160	148	.8	20	.58	1.70	51	51	20	20	80	74	1.0	104	3.8	1.3	171	3.9	3.81	1.0	.38	22	21	9.8	22.4	.34
6225185	6255297	.50	2.87	5.3	6	3.0	140	135	.8	21	.57	1.50	48	48	19	19	63	71	.6	92	3.4	.2	121	3.5	3.50	.5	.35	20	20	9.1	23.5	.26
6225186	6255298	.20	3.42	2.3	3	3.0	170	173	.6	12	.76	.60	35	36	15	17	85	106	1.7	73	2.3	.2	180	3.5	3.16	1.0	.56	17	17	13.9	21.9	.21
6225187	6255299	.20	3.50	12.0	11	.5	190	206	.9	21	.83	1.10	43	49	27	27	70	76	1.5	93	3.8	1.7	161	4.5	4.05	2.0	.57	22	21	14.6	34.4	.34
6225188	6255300	.05	4.51	5.2	6	2.0	290	294	1.0	19	.92	.70	51	48	22	22	100	99	1.9	61	3.2	1.5	262	4.1	3.74	3.0	.92	25	21	22.2	31.4	.39
6225189	6255301	.20	3.62	4.5	5	3.0	190	193	1.0	32	.63	.90	49	46	17	17	90	76	1.6	68	3.0	1.4	209	4.3	4.07	2.0	.66	22	19	16.5	38.6	.32

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225191	6255302	.05	4.67	5.9	9	3.0	310	322	1.0	12	.94	.60	54	47	18	20	110	104	2.1	58	2.4	1.5	256	3.6	3.40	3.0	1.11	26	22	22.7	36.1	.29
6225192	6255303	.30	3.57	15.0	15	3.0	210	189	1.0	19	.90	1.80	55	55	28	26	85	82	1.2	114	4.8	2.0	198	5.7	5.39	2.0	.53	27	24	13.0	24.9	.46
6225193	6255304	.05	1.47	5.7	5	3.0	82	86	.3	20	.31	.50	20	18	6	6	30	35	.8	37	1.2	.2	93	2.3	2.00	.5	.29	9	8	4.8	81.4	.11
6225194	6255305	.05	.73	47.0	37	.5	25	27	2.6	8	.22	1.80	17	55	110	72	2	6	.2	34	4.3	.2	109	43.5	36.50	.5	.10	11	3	.9	26.8	.22
6225195	6255306	.05	1.42	8.4	10	4.0	100	128	.5	14	.63	.80	120	116	13	13	56	49	.2	292	6.6	2.7	99	1.6	1.73	2.0	.23	69	68	5.2	35.2	.41
6225196	6255307	.30	2.79	7.3	6	4.0	140	140	.7	20	.59	.90	44	40	33	30	47	59	1.5	129	2.9	1.1	174	4.3	4.03	1.0	.41	19	17	10.2	30.6	.21
6225197	6255308	.40	3.86	6.4	6	3.0	210	217	.9	17	.64	.70	42	39	25	25	88	88	2.2	95	2.9	.2	219	4.3	3.86	2.0	.75	19	17	16.8	25.1	.29
6225198	6255309	.10	1.72	2.0	3	2.0	100	91	.4	15	.22	.70	42	48	17	18	35	36	1.3	49	2.6	.2	115	3.0	2.81	.5	.23	19	20	5.4	27.7	.17
6225199	6255310	.05	4.76	7.1	8	2.0	340	344	1.0	12	.93	.60	52	47	17	20	98	103	2.1	39	2.7	.7	294	4.2	4.00	4.0	1.25	27	21	22.8	26.4	.30
6225201	6255311	.10	2.07	3.0	3	.5	130	124	.5	18	.54	.70	36	35	12	12	44	49	.8	59	2.9	.9	141	1.9	1.83	1.0	.35	21	20	8.4	28.7	.23
6225202	6255312	.60	2.25	14.0	12	4.0	62	63	.4	14	.15	1.50	50	63	56	46	80	86	.8	325	3.0	1.2	160	14.7	13.47	.5	.20	26	21	5.0	34.4	.32
6225203	6255313	.20	1.45	2.1	3	.5	94	104	.3	21	.55	.70	34	32	8	8	28	33	.6	94	2.7	.2	109	1.3	1.28	.5	.20	17	17	5.7	40.4	.21
6225204	6255314	.50	3.32	5.2	5	.5	61	55	.5	10	.04	1.10	53	84	15	13	51	51	1.0	81	4.5	1.5	124	19.7	18.53	.5	.18	26	21	5.2	23.7	.30
6225205	6255315	.20	2.62	3.5	4	4.0	150	147	.6	24	.41	.70	48	53	8	9	58	57	1.6	97	4.0	1.5	182	2.2	2.10	2.0	.48	27	26	12.0	34.0	.32
6225206	6255316	.05	3.06	3.7	7	4.0	160	159	.8	16	.38	.90	57	52	34	30	61	62	1.5	86	4.1	.2	230	2.6	2.80	.5	.41	24	22	12.1	26.7	.35
6225207	6255317	.05	3.34	3.3	4	4.0	190	189	.8	13	.46	.80	52	51	21	22	67	68	1.5	74	4.0	.2	182	2.6	2.54	1.0	.49	24	23	14.6	23.5	.36
6225208	6255318	.20	4.63	13.0	14	3.0	280	292	1.4	13	.65	1.20	100	103	43	40	120	113	2.0	148	6.8	2.5	272	7.4	7.00	3.0	.85	44	42	19.8	15.0	.56
6225209	6255319	.20	2.33	9.3	8	.5	140	147	.7	18	1.07	1.20	41	46	27	28	100	111	.9	149	4.2	1.9	182	7.5	6.38	2.0	.39	35	34	12.6	45.9	.32
6225211	6255320	2.10	2.87	15.0	15	3.0	410	421	1.9	17	.70	2.00	53	1	130	100	160	138	.9	170	22.4	2.8	232	18.0	15.69	3.0	.50	49	42	15.4	19.9	.51
6225212	6255321	.05	.87	2.8	3	1.0	58	67	.3	24	.27	.50	12	10	2	3	26	18	.2	21	.5	.2	73	1.1	.97	.5	.16	6	5	2.5	89.9	.09
6225213	6255322	.20	3.46	28.0	27	.5	170	198	1.6	22	.45	2.10	38	48	36	31	54	71	2.2	67	3.5	1.0	209	15.5	14.00	3.0	.80	21	14	14.6	33.2	.41
6225214	6255323	.20	4.42	26.0	25	4.0	240	269	1.5	13	.74	2.60	60	56	37	32	95	87	2.7	75	4.3	.9	308	10.0	9.02	3.0	1.01	30	23	19.9	25.2	.50
6225215	6255324	.20	3.71	2.4	3	4.0	230	257	.8	22	.39	.50	33	33	6	9	86	76	2.4	58	1.8	.2	221	2.3	2.09	2.0	.88	19	15	15.6	46.8	.23
6225216	6255325	.05	2.14	6.7	7	2.0	130	154	.8	20	1.19	1.00	54	47	16	15	55	45	1.1	54	3.7	1.5	180	3.9	3.47	2.0	.36	28	25	10.9	55.5	.37
6225217	6255326	.10	5.03	11.0	11	3.0	300	321	1.2	20	.54	.70	57	49	20	19	110	102	2.8	52	3.0	1.6	154	6.1	5.36	3.0	1.23	29	20	28.1	23.2	.36
6225218	6255327	.05	3.00	6.9	8	3.0	230	229	.8	25	.42	.60	37	31	8	8	68	64	2.1	41	1.8	.2	237	3.8	3.30	2.0	.88	18	14	14.0	57.3	.19
6225219	6255328	.05	1.05	6.8	6	2.0	93	78	.4	28	.33	1.10	18	20	6	6	22	23	.7	37	1.2	.2	80	2.6	2.30	.5	.20	10	9	3.9	83.4	.15
6225221	6255329	.05	4.59	11.0	13	3.0	350	373	1.1	12	.87	.70	49	45	15	17	92	86	2.6	36	2.5	1.5	295	4.1	3.85	3.0	1.43	26	21	21.8	25.9	.21
6225222	6255330	.10	.74	2.2	3	3.0	57	57	.3	42	.29	.70	18	19	1	3	26	22	.2	44	1.8	.9	40	1.2	1.03	1.0	.04	9	9	.8	61.3	.14
6225223	6255331	.60	5.58	13.0	12	4.0	500	482	2.3	8	.19	1.70	71	69	27	26	86	87	4.7	85	3.9	1.7	419	8.5	8.20	5.0	2.16	39	31	33.8	9.4	.42
6225224	6255332	.20	2.08	2.6	4	.5	170	168	1.1	15	.55	1.80	34	30	11	10	34	31	4.0	23	3.3	1.8	155	2.2	2.03	2.0	.58	24	23	13.5	29.1	.27
6225225	6255333	.10	.86	1.5	1	2.0	66	52	.5	16	.39	.70	9	15	3	2	2	14	.9	27	2.2	.2	108	1.4	1.35	.5	.24	13	13	4.9	36.9	.17
6225226	6255334	.05	.86	1.5	2	.5	56	52	.5	16	.37	.70	20	15	1	2	12	15	1.0	25	2.0	1.0	99	1.8	1.62	.5	.24	13	13	4.9	37.3	.15
6225227	6255335	1.00	2.33	11.0	10	2.0	150	172	1.7	19	.31	1.50	31	27	52	44	25	38	2.1	59	2.9	.2	184	12.4	11.58	2.0	.67	24	21	13.9	49.5	.30
6225228	6255336	.20	2.09	6.4	7	.5	87	94	.8	28	.71	1.80	36	36	14	14	44	37	.7	73	3.1	1.0	138	3.7	3.43	.5	.25	19	18	6.1	49.2	.26
6225229	6255337	.05	5.13	10.0	10	3.0	420	423	1.2	10	1.05	.60	56	43	21	21	98	92	2.6	31	2.6	1.2	340	5.1	4.59	5.0	1.60	27	19	25.6	17.4	.32
6225231	6255338	.20	3.40	4.6	5	3.0	230	209	.9	26	.57	.90	42	40	11	10	52	63	1.8	54	2.7	.2	224	3.2	2.99	2.0	.73	22	19	18.3	27.0	.22
6225232	6255339	.05	3.18	4.4	5	2.0	190	202	.7	20	.67	1.00	39	34	12	14	58	60	1.6	42	2.9	.2	167	3.5	3.01	2.0	.61	20	19	16.9	27.6	.20
6225233	6255340	.05	3.94	6.3	6	.5	250	269	1.0	27	.85	.80	39	38	18	19	61	73	2.3	33	2.5	.2	208	4.4	4.07	3.0	.85	20	18	23.8	27.7	.21
6225234	6255341	.10	3.41	8.4	8	3.0	210	220	1.2	15	.57	1.40	49	47	32	28	81	68	2.1	68	3.6	2.3	175	6.3	5.69	2.0	.68	26	22	19.8	28.6	.38
6225235	6255342	.40	2.63	5.6	5	2.0	140	138	.7	28	.41	1.20	41	33	8	8	39	51	1.9	112	2.7	.2	138	2.8	2.51	.5	.41	17	16	10.0	43.7	.23
6225236	6255343	.05	3.79	2.5	3	2.0	270	273	.9	26	.59	.50	45	36	8	9	89	75	2.0	44	2.4	1.3	209	2.5	2.19	3.0	.90	22	16	15.1	51.0	.26
6225237	6255344	.20	.39	1.4	1	2.0	25	33	.1	16	.42	.50	7	5	7	7	2	8	.2	18	.2	.2	51	3.8	3.66	.5	.07	3	2	2.0	45.5	.05
6225238	6255345	.70	.97	90.1	72	.5	25	46	1.7	11	.29	8.10	26	43	71	51	2	14	1.2	77	4.6	.9	105	33.1	28.42	.5	.08	11	5	2.4	34.7	.37
6225239	6255346	.20	1.99	26.0	22	.5	160	166	1.5	19	.45	5.40	30	41	57	45	31	37	2.3	65	3.2	1.0	124	15.0	13.43	1.0	.45	15	11	8.6	47.3	.37
6225241	6255347	.10	2.04	16.0	15	.5	140	152	.8	18	.71	1.10	23	27	13	12	48	38	1.5	36	1.9	.2	144	4.0	3.91	.5	.41	13	13	10.6	43.0	.20
6225242	6255348	.05	4.52	15.0	14	3.0	290	301	2.0	14	.95	3.10	67	65	51	45	110	84	2.4	97	5.9	2.4	208	8.8	7.81	4.0	.83	35	29	24.2	19.9	.57
6225243	6255349	.20	1.19	.2	1	2.0	83	99	.3	26	.20	.30	13	12	1	3	26	26	.6	29	.6	.2	69	.5	.37	.5	.22	5	6	2.0	86.8	.14
6225244	6255350	.10	1.46	4.1	4	3.0	80	76	.4	16	.68	1.30	48	48	12	11	47	40	.8	131	2.8	1.7	103	3.6	3.13	1.0	.25	35	34	6.9	42.2	.24
6225245	6255351	1.70	3.05	20.0	18	3.0	180	181	2.0	14	.64	5.00	72	92	202	157	55	64	.8	401	27.6	1.8	114	21.9	20.69	2.0	.39	44	37	10.4	17.8	.60
6225246	6255352	.10	4.30	7.1	8	4.0	160	178	1.1	23	.40	1.00	95	92	45	40	85	80	2.2	143	5.2	2.6	200	5.9	4.84	2.0	.61	48	44	15.2	33.3	.44
6225247	6255353	.60	2.44	5.7	7	5.0	110	114	.4	7	.19	.60	41	38	12	13	52	61	3.3	64	1.9	.2	149	5.6	5.46	2.0	.43	17	14	9.0	20.6	.15
6225248	6255354	.50	1.69	20.0	16	4.0	56	52	.2	8	.07	1.30	41	77	11	8	62	70	.5	176	3.5	1.0	105	37.4	32.23	.5	.16	19	11	3.3	30.6	.23
6225249	6255355	.30	2.78	3.1	4	4.0	170	196	.5	22	.91	1.00	35	36	14	13	71	67	.8	92	2.2	.2	195	2.9	2.70	1.0	.44	18	18	10.9	30.5	.19
6225251	6255356	.30	2.45	1.7	3	3.0	170	175	.5	20	.87	.80	33	32	12	12	60	59	.9	80	2.1	1.2	164	2.1	1.99	1.0	.39	16	16	9.8	27.8	.15
6225252	6255357	.20	.55	1.0	1	2.0	25	56	.2	22	.47	.40	2	11	7	7	24	17	.2	39	.6	.2	86	2.4	2.24	.5	.06	4	4	1.7	42.4	.05
6225253	6255358	.70	3.79	26.0	21	6.0	320	283	1.1	14	1.02	1.00	51	52	76	59	340	260	1.4	301	5.0	2.0	196	21.5	19.09	3.0	.69	31	24	18.9	20.3	.37
6225254	6255359	.50	2.73	18.0	16	5.0	25	31	.6	12	.16	1.90	80	93	18	17	56	61	.2	252	4.2	2.1	135	18.1	15.91	.5	.10	39	31	2.8	35.6	.28
6225255	6255360	.05	4.67	7.0	9	4.0	25	49	2.9	24	.33	2.30	200	189	74	61	42	28	.6	198	9.1	4.8	179	7.0	5.55	.5	.15	103	93	5.0	38.1	.76
6225256	6255361	.20	3.17	12.0	11	5.0	150	155	1.4	21	.28	1.40	58	60	21	21	57	59	1.2	110	5.4	1.7	198	6.2	5.51	2.0	.80	33	31	12.8	31.4	.45
6225257	6255362	.20	3.02	4.4	4	3.0	110	113	.6	19	.33	.80	53	50	13	13	50	52	1.7	96	3.1	.2	160	5.1	4.58	.5	.35	25	22	8.8	35.0	.24
6225258	6255363	.40	3.64	6.4	7	5.0	190	191	1.0	24	.43	1.20	46	46	16	18	80	70	2.2	130	3.3	1.6	209	3.6	3.52	2.0	.63	22	20	14.5	22.2	.26
6225259	6255364	.40	1.60	18.0	14	.5	79	70	.5	10	.10	.50	32	39	10	9	26	27	.6	71	3.6	1.3	120	8.2	7.70	.5	.22	14	11	5.3	23.1	.31
6225261	6255365	.20	3.69	3.7	5	4.0	190	206	.9	27	.46	.90	47	43	12	13	76	71	2.0	83	3.2	1.7	237	2.7	2.39	2.0	.73	22	20	18.8	33.9	.26
6225262	6255366	.30	5.28	7.8	11	4.0	350	341	1.3	17	.50	.60	51	50	17	17	110	99	3.4	67	3.1	1.9	295	5.2	4.63	3.0	1.27	29	22	29.1	21.0	.31
6225263	6255367	.20	3.95	13.0	12	6.0	320	323	1.4	9	.94	1.20	56	45	50	41	91	74	2.5	43	3.6	1.4	195	12.9	11.46	4.0	.96	29	22	19.8	18.4	.32
6225264	6255368	.05	2.57	2.3	3	3.0	190	189	.5	23	.72	.80	30	24	13	13	40	46	1.4	31	1.8	1.1	176	1.9	1.75	1.0	.51	16	14	13.2	28.3	.17
6225265	6255369	.40	4.39	9.4	9	4.0	280	280	1.4	22	.58	1.10	65	59	19	17	88	79	2.3	65	4.2	1.9	138	6.4	5.50	2.0	1.05	34	27	23.3	25.2	.43

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225266	6255370	.05	.26	2.3	1	.5	25	26	.2	21	.19	.40	2	6	1	2	2	5	.2	17	.1	.2	25	1.5	1.22	.5	.03	3	2	.4	95.6	.05
6225267	6255371	.05	.29	5.0	4	1.0	25	24	.2	22	.52	.60	4	6	1	2	2	6	.2	15	.2	.2	32	2.1	1.77	.5	.07	3	3	1.1	92.9	.02
6225268	6255372	.20	.48	1.4	1	.5	25	23	.2	20	.39	.40	9	9	5	4	2	8	.2	27	1.1	.2	38	.5	.45	.5	.06	7	7	1.5	36.7	.09
6225269	6255373	.80	3.34	5.8	6	3.0	300	302	1.1	20	.55	3.40	47	44	11	11	51	50	3.0	70	3.2	1.5	275	2.8	2.67	2.0	1.10	28	25	19.1	34.8	.34
6225271	6255374	1.40	1.23	2.6	5	2.0	90	113	.6	36	.21	3.20	38	41	4	5	2	23	.7	75	2.0	.2	65	.9	.99	.5	.22	18	20	4.0	80.7	.12
6225272	6255375	.20	1.51	21.0	19	3.0	97	107	.6	27	.48	5.20	57	61	5	5	22	21	1.0	109	3.8	1.5	144	1.3	1.32	.5	.34	42	42	6.9	36.5	.26
6225273	6255376	.05	5.84	20.0	19	3.0	550	560	2.0	7	.41	2.40	79	79	21	22	100	96	4.4	79	3.7	1.2	490	7.0	7.01	5.0	2.45	42	36	33.5	5.3	.40
6225274	6255377	.10	5.50	33.0	32	3.0	520	503	1.9	13	.45	3.70	89	85	21	21	87	91	4.1	112	3.9	1.2	450	6.0	5.83	4.0	2.14	51	44	30.5	12.1	.45
6225275	6255378	.20	2.00	12.0	12	3.0	150	144	.9	25	.35	2.80	87	88	4	5	43	32	1.7	96	4.2	1.6	166	1.5	1.42	2.0	.52	56	56	10.6	35.6	.33
6225276	6255379	.40	2.13	5.2	5	2.0	180	168	1.0	11	.41	1.30	40	37	14	13	24	36	2.0	60	3.1	1.4	236	2.9	2.89	2.0	.58	25	24	13.4	35.2	.29
6225277	6255380	1.00	4.72	19.0	21	6.0	430	421	2.0	18	.47	2.10	66	68	18	18	78	78	4.7	124	4.4	1.5	404	6.8	6.30	4.0	1.54	42	37	31.1	21.5	.50
6225278	6255381	.05	4.10	4.4	5	.5	420	448	1.4	4	.55	.40	51	45	8	11	61	56	2.5	20	2.5	1.1	230	4.0	3.64	4.0	1.62	28	23	20.8	10.7	.23
6225279	6255382	.20	2.13	1.8	3	2.0	130	145	.9	19	.31	1.30	35	39	4	5	28	31	1.7	53	4.6	.2	179	1.8	1.50	2.0	.47	21	23	12.4	23.4	.24
6225281	6255383	.05	2.17	9.1	8	3.0	170	182	.9	17	.86	1.70	48	45	13	13	32	42	2.1	61	3.9	1.6	221	3.2	3.08	2.0	.61	26	26	12.5	53.2	.35
6225282	6255384	.20	2.10	3.1	4	2.0	120	124	.8	22	.46	1.00	32	29	8	8	45	39	3.9	35	2.3	.8	183	2.1	1.88	2.0	.46	17	16	12.8	33.4	.22
6225283	6255385	.10	2.58	20.0	19	.5	190	211	.9	18	.82	1.50	34	36	24	23	49	49	1.7	46	2.0	.8	247	6.3	5.91	2.0	.76	17	16	13.1	51.8	.20
6225284	6255386	.05	5.09	6.5	7	2.0	460	465	1.2	5	1.34	.30	56	49	19	20	82	81	2.0	22	2.7	1.2	240	4.4	4.30	4.0	1.40	30	24	25.7	6.3	.32
6225285	6255387	.40	3.98	8.1	8	3.0	200	212	1.2	17	.46	1.20	43	46	15	15	91	76	2.7	104	3.4	1.2	253	4.4	4.17	2.0	.78	23	22	21.5	33.4	.33
6225286	6255388	.20	2.98	5.0	5	.5	200	184	.8	28	.51	.90	38	34	7	10	61	55	1.9	56	2.5	1.2	222	2.4	2.33	2.0	.64	17	17	16.2	33.0	.25
6225287	6255389	.30	3.78	4.7	5	2.0	240	226	1.0	22	.40	.80	31	33	10	11	81	69	2.4	69	2.4	.2	232	2.6	2.68	2.0	.77	17	16	20.1	22.1	.22
6225288	6255390	.05	4.45	3.0	3	.5	370	370	.9	9	1.17	.50	43	39	15	17	76	70	2.2	18	2.3	1.2	207	3.6	3.53	4.0	1.08	22	19	21.1	14.7	.20
6225289	6255391	.05	2.06	2.7	4	.5	120	142	.8	16	.56	.40	21	22	13	14	40	36	2.0	34	2.4	1.4	166	2.8	2.53	.5	.44	13	14	11.2	26.3	.14
	6275392																															
6225292	6255393	.20	3.26	5.5	6	3.0	190	198	.9	24	.52	.90	53	46	9	10	52	61	1.8	72	3.6	1.1	212	2.2	2.08	2.0	.63	22	23	15.7	38.1	.29
6225293	6255394	.05	3.04	5.3	7	.5	180	199	.8	16	.60	.90	37	41	10	11	48	54	1.9	46	3.1	1.1	194	2.5	2.45	2.0	.62	21	21	16.0	32.7	.29
6225294	6255395	.30	3.95	14.0	15	4.0	160	185	1.1	22	.40	1.40	62	63	22	21	75	78	1.9	270	4.8	1.7	231	3.9	3.92	1.0	.73	30	28	16.7	27.2	.38
6225295	6255396	.20	1.84	13.0	12	.5	84	95	.6	34	.65	1.30	33	33	9	9	41	37	.7	98	2.7	1.2	96	2.1	1.85	.5	.21	18	17	4.9	52.5	.27
6225296	6255397	1.30	3.68	19.0	19	6.0	550	130	1.5	21	1.20	2.60	95	46	43	37	100	78	1.8	152	9.4	3.2	234	9.3	9.12	2.0	.77	51	48	18.4	26.0	.54
6225297	6255398	.80	3.59	27.0	24	5.0	400	194	1.4	22	.88	2.20	88	76	34	29	89	75	1.7	126	6.2	2.9	253	10.2	9.48	3.0	.76	48	43	17.6	21.6	.46
6225298	6255399	.40	4.52	10.0	11	6.0	340	332	1.5	73	.94	1.60	67	59	20	20	120	105	2.0	227	4.4	1.3	263	7.2	6.45	3.0	.84	32	28	20.8	33.0	.53
6225299	6255400	.60	4.66	7.3	8	4.0	280	261	1.2	34	.69	1.10	54	57	20	19	100	100	2.0	123	3.6	2.1	228	6.3	5.81	2.0	.77	29	26	19.9	31.1	.29
6225301	6255401	.05	4.12	10.0	11	4.0	330	340	1.0	13	.96	.50	60	60	22	22	87	91	1.8	160	3.8	1.8	305	4.2	4.11	3.0	.96	37	34	21.7	24.2	.29
6225302	6255402	.10	5.91	27.0	24	6.0	480	443	1.2	7	1.81	1.10	73	59	35	33	170	143	2.0	124	4.0	2.1	293	10.0	8.24	4.0	1.42	34	29	24.5	6.2	.37
6225303	6255403	.50	5.73	15.0	14	5.0	460	435	1.6	17	1.00	1.50	82	78	32	29	140	133	2.5	142	4.5	1.8	320	8.3	6.85	4.0	1.18	41	36	28.2	19.2	.39
6225304	6255404	.10	3.41	4.9	5	3.0	230	248	.9	12	.62	.80	39	40	13	13	87	73	1.5	98	2.5	.2	228	3.4	3.23	2.0	.75	24	22	18.8	22.1	.24
6225305	6255405	.20	2.50	2.8	3	1.0	180	192	.6	22	.54	.60	34	35	9	9	47	51	1.2	80	2.1	.2	225	1.9	1.85	2.0	.48	19	17	11.8	31.3	.19
6225306	6255406	.05	3.10	33.0	29	.5	250	254	.7	18	1.33	.60	43	39	14	15	99	83	.6	54	2.3	1.2	201	3.6	3.26	3.0	.67	23	20	10.9	29.2	.27
6225307	6255407	.05	5.09	29.0	29	3.0	380	400	1.5	52	.99	1.70	74	70	25	26	120	107	2.3	227	4.2	2.1	286	6.0	5.50	3.0	1.20	38	33	24.3	11.8	.45
6225308	6255408	.20	3.12	5.2	9	3.0	170	185	.8	34	.62	.70	40	38	13	13	82	70	1.6	131	2.5	.2	197	2.9	2.74	2.0	.50	19	17	13.6	42.0	.25
6225309	6255409	.20	3.23	26.0	25	.5	210	218	.9	36	1.15	1.10	47	44	30	26	74	68	1.2	66	2.7	1.0	247	6.0	5.26	2.0	.55	21	19	12.1	36.2	.25
6225311	6255410	.40	3.21	23.0	21	3.0	220	219	1.1	27	.40	1.00	56	53	28	24	67	63	1.5	65	4.1	1.5	218	6.8	6.15	2.0	.71	27	21	13.7	35.4	.36
6225312	6255411	.05	2.29	6.8	7	.5	120	128	1.6	11	.17	1.30	180	178	30	28	50	41	1.7	34	4.2	2.6	152	5.4	4.96	2.0	.42	83	78	13.1	23.9	.33
6225313	6255412	.20	3.19	2.6	4	3.0	190	195	.8	18	.50	.70	35	36	8	10	60	62	1.7	55	2.5	.2	219	2.6	2.18	2.0	.68	20	18	17.2	27.2	.27
6225314	6255413	.30	1.34	35.0	28	2.0	90	77	1.1	16	.31	2.40	16	37	40	34	43	25	1.2	38	2.2	.2	87	18.6	16.67	.5	.20	8	5	5.4	34.1	.13
6225315	6255414	.30	1.37	1.6	2	.5	110	122	.4	28	.40	.60	22	23	3	4	44	29	1.0	52	1.9	1.0	127	.8	.69	.5	.20	12	12	5.1	55.0	.13
6225316	6255415	.05	4.69	12.0	12	.5	380	373	1.4	14	.71	.80	62	60	13	16	88	83	2.8	60	4.6	2.1	252	3.4	3.42	3.0	1.19	33	30	29.4	18.4	.40
6225317	6255416	1.30	6.88	12.0	12	7.0	390	400	2.0	20	.36	1.30	55	56	11	12	140	118	6.5	171	3.8	1.3	470	4.8	4.49	3.0	1.58	33	28	38.8	30.3	.39
	6275417																															
6225319	6255418	1.40	4.61	38.0	35	3.0	550	547	1.8	43	.86	2.10	64	1	33	31	100	88	3.6	97	17.3	1.0	381	9.4	8.69	4.0	1.68	34	28	29.2	16.3	.49
6225321	6255419	1.10	4.53	14.0	14	3.0	410	418	1.8	21	.30	2.10	67	65	47	39	90	84	3.2	80	5.5	1.6	263	14.2	12.99	3.0	1.17	34	29	26.7	27.7	.48
6225322	6255420	1.20	4.08	11.0	10	4.0	260	266	1.5	31	.36	3.60	56	51	19	18	72	74	3.3	151	3.8	1.3	298	4.7	3.97	3.0	.99	31	27	21.8	40.9	.37
6225323	6255421	.30	4.57	14.0	18	4.0	390	422	1.5	14	.50	3.90	72	59	14	15	82	75	3.1	132	3.6	1.2	413	3.8	3.58	4.0	1.68	42	35	24.2	30.0	.42
	6275422																															
	6275423																															
6225326	6255424	.50	1.92	18.0	18	.5	81	100	.9	28	.31	2.90	84	85	3	5	31	29	1.3	97	4.8	1.8	148	1.2	1.13	2.0	.33	45	44	8.6	36.4	.32
6225327	6255425	.05	3.32	7.2	8	.5	240	291	1.2	22	.22	1.60	140	142	6	7	53	48	1.6	78	5.9	2.0	220	2.1	1.96	2.0	.75	66	63	13.7	51.3	.44
	6275426																															
	6275427																															
6225331	6255428	.90	1.58	5.2	7	3.0	110	114	1.0	24	.48	23.90	87	87	22	20	2	17	.7	294	7.1	2.5	121	2.3	1.80	.5	.18	49	49	4.3	55.3	.51
6225332	6255429	.20	5.07	19.0	19	.5	510	534	1.4	9	.48	2.90	59	56	15	16	80	75	3.1	77	3.8	1.4	371	4.3	4.25	4.0	1.88	33	28	26.0	16.1	.38
6225333	6255430	.30	3.48	20.0	18	6.0	330	310	1.3	10	.63	4.20	55	46	11	12	68	57	4.3	62	3.5	1.6	283	4.6	3.99	3.0	1.13	32	26	21.6	31.6	.42
6225334	6255431	.90	3.58	17.0	17	3.0	200	200	1.5	34	.26	7.50	50	55	24	20	58	63	3.4	92	4.4	1.2	242	11.2	9.61	3.0	.79	32	26	18.4	33.4	.43
6225335	6255432	.90	3.65	17.0	17	3.0	190	205	1.5	36	.28	7.60	49	55	24	20	61	64	3.1	90	4.4	1.3	266	10.9	9.41	2.0	.81	32	27	18.5	34.0	.42
6225336	6255433	.60	2.56	13.0	13	3.0	150	158	1.0	20	.39	2.30	37	37	46	39	40	48	1.9	77	3.1	1.2	191	5.3	4.86	2.0	.59	21	17	14.0	36.6	.30
6225337	6255434	.30	3.13	13.0	13	4.0	190	207	1.0	28	.42	.90	40	37	16	16	58	57	2.1	46	2.6	.2	230	3.4	3.09	2.0	.72	21	17	21.3	34.4	.24
6225338	6255435	.05	5.38	24.0	24	2.0	510	503	1.4	4	1.11	.70	59	51	20	20	97	90	2.7	44	3.3	1.4	266	6.6	6.16	5.0	1.83	32	24	25.4	4.7	.32
6225339	6255436	.05	4.96	4.6	6	.5	450	468	1.2	3	1.09	.20	53	41	17	17	78	68	2.2	13	2.4	.9	202	4.9	4.57	4.0	1.47	27	20	26.0	5.8	.26
6225341	6255437	.40	4.59	8.4	8	.5	320	304	1.3	11	.32	.70	46	44	10	12	85	83	3.1	57	3.1	.2	267	4.2	3.76	2.0	1.12	22	20	25.5	19.1	.26

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225342	6255438	.05	3.12	5.7	9	2.0	220	223	1.0	24	.42	.80	38	46	7	9	64	58	2.1	51	4.1	.8	233	2.2	2.22	2.0	.71	23	24	17.6	27.5	.21
6225343	6255439	.10	2.43	3.1	4	3.0	160	154	1.0	15	.52	1.10	31	29	13	13	42	44	2.1	50	3.2	1.2	150	2.4	2.35	.5	.40	16	16	17.0	27.9	.22
6225344	6255440	.20	4.20	24.0	22	2.0	300	333	1.2	15	.88	1.00	50	47	18	18	81	78	2.0	59	4.0	1.1	245	5.8	5.63	3.0	1.03	30	25	21.9	21.9	.29
6225345	6255441	.05	3.04	5.5	6	.5	220	227	1.0	14	.68	1.00	47	44	20	20	59	56	1.4	47	3.6	1.1	184	4.3	4.35	2.0	.64	26	23	16.6	29.2	.22
6225346	6255442	.05	4.93	7.0	8	2.0	400	428	1.0	2	1.52	.30	43	35	16	17	83	77	1.2	28	2.5	1.2	214	4.2	4.24	4.0	1.21	24	17	18.3	4.8	.21
6225347	6255443	.05	1.76	5.0	5	.5	110	115	1.1	9	.39	.90	48	48	13	13	27	31	.8	63	4.6	1.4	122	2.9	2.96	.5	.31	30	31	7.8	23.9	.31
6225348	6255444	.50	4.05	7.2	7	3.0	250	252	1.2	20	.34	.60	38	38	10	11	81	82	2.8	76	2.6	.6	272	3.9	3.75	3.0	.92	20	18	19.9	34.5	.20
6225349	6255445	.10	2.48	3.8	5	2.0	130	172	.6	18	.44	.60	14	23	10	10	55	49	1.3	115	1.7	.2	151	2.5	2.68	.5	.46	11	11	11.8	29.3	.11
6225351	6255446	.40	4.57	12.0	12	5.0	420	408	1.7	25	.59	1.80	80	71	21	20	99	88	2.6	177	6.6	2.4	248	5.8	5.37	3.0	1.10	44	38	22.8	20.8	.55
6225352	6255447	.20	.69	5.7	5	.5	75	88	.2	38	.23	.90	13	13	3	2	16	16	.2	23	1.0	.2	64	.9	.81	.5	.07	6	6	1.2	71.8	.08
6225353	6255448	.05	3.08	8.7	8	.5	250	273	.8	11	1.08	1.30	51	49	20	18	67	61	1.2	68	3.0	1.0	260	4.5	3.74	3.0	.75	27	24	13.7	33.4	.18
6225354	6255449	.05	2.79	11.0	11	2.0	200	212	.7	16	1.11	.80	45	47	11	12	42	61	.9	88	3.4	1.0	188	2.3	2.30	3.0	.60	31	33	10.3	40.1	.15
6225355	6255450	.05	3.19	12.0	12	2.0	200	222	.9	13	1.61	2.00	68	71	38	36	240	260	1.0	75	4.2	1.1	199	5.8	6.12	2.0	.46	34	35	14.7	28.8	.23
6225356	6255451	.40	3.85	12.0	12	.5	260	264	1.2	16	.78	2.40	79	73	54	47	75	65	1.4	96	4.6	1.5	195	7.7	7.64	2.0	.52	38	36	14.2	26.2	.31
6225357	6255452	.30	4.07	10.0	12	3.0	240	237	1.2	19	.59	2.10	80	73	48	40	71	68	1.2	94	4.7	.9	152	7.0	6.46	2.0	.53	41	36	13.3	28.1	.28
6225358	6255453	.20	2.59	3.7	5	2.0	81	105	.8	24	.55	1.40	56	52	14	14	44	41	1.0	65	2.9	.9	154	3.7	3.37	.5	.34	32	28	9.0	39.3	.20
6225359	6255454	.05	1.58	16.0	15	2.0	110	136	.4	16	.96	.90	41	30	11	10	42	39	.5	104	2.2	.7	111	2.4	1.98	1.0	.35	25	21	6.3	58.4	.18
6225361	6255455	.05	2.16	8.2	7	.5	170	178	.5	10	1.20	.70	40	29	11	10	55	42	.6	46	2.0	.7	110	2.1	1.74	2.0	.46	24	20	7.5	49.9	.18
6225362	6255456	.05	5.56	21.0	20	2.0	490	504	1.5	30	.94	.60	72	55	20	19	110	95	3.2	58	3.4	1.1	390	6.6	5.92	5.0	1.90	36	25	27.3	8.0	.28
6225363	6255457	.20	2.34	7.4	8	.5	150	160	.8	23	.52	1.50	53	45	10	9	31	42	1.3	56	3.3	.8	172	2.1	1.90	2.0	.44	24	22	11.1	37.1	.15
6225364	6255458	.50	3.87	3.0	4	.5	270	288	1.1	19	.26	.50	42	34	6	6	84	68	2.5	52	2.6	1.0	285	2.4	1.90	2.0	.98	18	17	18.2	46.7	.13
6225365	6255459	.50	4.76	8.0	8	4.0	290	300	1.3	15	.50	1.20	50	55	20	21	95	101	2.9	83	4.1	1.0	274	4.6	4.64	3.0	1.03	25	25	24.6	24.4	.11
6225366	6255460	.50	3.65	9.2	9	4.0	210	236	1.1	21	.57	2.00	56	55	11	12	55	69	2.2	89	4.2	1.1	245	2.9	2.86	2.0	.81	28	27	19.0	30.4	.21
	6275461																															
6225368	6255462	.10	5.01	14.0	13	9.0	460	448	1.6	11	.87	.70	55	46	20	20	83	88	3.0	48	3.4	1.0	328	6.2	5.99	4.0	1.67	28	21	25.5	12.4	.25
6225369	6255463	.40	3.02	28.0	25	.5	220	223	1.1	23	.60	1.20	40	36	17	17	58	59	1.9	52	3.2	.8	221	3.7	3.74	3.0	.77	20	19	16.9	26.9	.16
6225371	6255464	.10	3.29	3.0	4	.5	270	286	.8	29	.34	1.10	50	39	5	7	64	59	2.4	39	2.2	.9	218	1.9	1.73	2.0	.93	22	17	12.9	53.3	.18
6225372	6255465	.10	5.42	28.0	26	2.0	480	487	1.9	12	.52	2.20	82	71	20	19	100	97	4.0	87	4.0	1.1	415	6.4	5.74	5.0	2.03	48	38	29.1	16.3	.31
6225373	6255466	.20	5.49	25.0	28	3.0	480	510	2.0	13	.43	2.20	92	87	20	21	110	95	4.3	124	4.6	1.6	367	4.6	4.50	4.0	2.07	64	56	30.7	14.0	.35
	6275467																															
6225375	6255468	.30	3.17	16.0	14	2.0	250	273	1.5	21	.46	3.20	54	42	19	16	59	47	2.7	41	3.7	1.5	236	7.5	6.62	3.0	1.07	32	23	21.6	32.3	.09
6225376	6255469	.10	6.06	21.0	20	3.0	590	576	2.2	8	.37	2.10	93	85	22	22	110	110	5.0	93	4.4	.8	438	8.0	7.61	5.0	2.44	49	42	36.1	8.6	.30
6225377	6255470	.05	6.34	19.0	18	4.0	590	599	2.1	9	.46	1.80	85	78	21	22	110	113	4.9	88	4.3	1.1	490	6.7	6.37	4.0	2.56	45	38	36.4	6.6	.22
6225378	6255471	.50	3.33	31.0	28	.5	150	201	1.7	33	.39	11.70	69	69	50	44	35	45	1.4	134	5.7	1.2	240	6.9	5.84	1.0	.64	35	33	12.7	43.4	.21
6225379	6255472	.05	5.09	22.0	20	3.0	480	494	1.5	10	.63	4.10	57	56	21	22	85	85	3.3	64	3.7	.9	366	4.7	4.46	4.0	1.77	29	27	26.6	14.8	.18
6225381	6255473	.80	1.74	8.0	7	2.0	25	71	.7	26	.40	13.20	58	52	24	21	14	11	.2	135	5.9	1.8	93	1.4	1.34	.5	.05	28	28	2.1	46.6	.22
6225382	6255474	.60	2.23	121.0	101	3.0	150	161	1.1	26	.37	11.60	46	47	26	22	22	30	1.8	96	4.7	1.3	199	9.4	8.60	2.0	.48	23	18	9.4	37.2	.26
6225383	6255475	.40	.80	2.5	3	.5	25	49	.3	22	.61	2.70	24	25	12	10	21	16	.2	48	2.2	.6	85	3.3	3.00	.5	.05	12	11	1.5	58.7	.15
6225384	6255476	.05	4.61	25.0	24	3.0	400	408	1.4	76	.78	3.20	56	49	21	21	87	83	3.0	71	3.0	.9	347	5.5	5.28	4.0	1.56	29	22	24.8	19.9	.05
6225385	6255477	.05	5.09	19.0	17	2.0	470	473	1.4	3	.95	1.00	64	49	20	21	99	89	3.0	51	3.5	.9	358	5.7	5.45	5.0	1.78	32	24	25.6	7.7	.22
6225386	6255478	.20	4.70	14.0	13	2.0	440	427	1.3	7	.97	.90	61	48	15	16	90	81	2.2	38	3.6	1.1	283	4.5	4.36	4.0	1.43	29	24	24.0	11.8	.21
6225387	6255479	2.50	2.65	1.2	4	3.0	190	205	.7	37	.28	1.10	38	30	4	5	49	50	1.4	49	1.9	.2	170	1.4	1.32	1.0	.54	15	14	8.5	71.0	.06
6225388	6255480	1.60	2.91	1.5	3	3.0	230	242	.8	37	.29	.80	44	30	5	6	59	55	1.7	47	1.7	.2	223	1.5	1.33	2.0	.67	18	15	10.5	63.7	.12
6225389	6255481	.30	1.86	3.7	4	2.0	120	112	.7	15	.31	.80	21	22	17	16	38	36	2.5	45	1.5	.2	180	2.2	2.05	.5	.45	10	11	11.1	24.6	.02
6225391	6255482	.05	3.05	4.4	5	2.0	220	246	1.0	13	.63	.60	43	42	13	14	66	54	1.9	38	3.1	1.1	231	2.7	2.55	2.0	.86	25	22	16.5	34.3	.22
6225392	6255483	.05	5.51	11.0	11	3.0	470	497	1.6	4	1.09	.50	63	55	19	21	120	111	2.8	52	3.2	1.2	392	4.8	4.87	4.0	1.89	33	27	28.6	10.1	.25
6225393	6255484	.20	3.34	30.0	28	3.0	230	233	1.6	13	.49	1.60	55	59	10	10	58	64	1.6	82	6.3	1.4	235	9.3	9.00	2.0	.68	39	36	16.2	30.8	.46
6225394	6255485	.20	3.69	10.0	10	3.0	380	393	1.8	22	.48	1.60	82	83	13	13	74	68	2.3	78	6.9	2.6	289	3.6	3.54	3.0	.74	44	42	20.7	31.7	.44
6225395	6255486	.05	2.24	14.0	13	.5	150	168	.9	29	.52	1.30	36	37	9	8	37	44	1.5	32	3.1	1.1	190	2.3	2.07	2.0	.48	21	19	12.0	34.4	.25
6225396	6255487	1.10	5.18	3.3	5	2.0	430	448	1.2	14	.49	.50	48	36	6	9	93	85	3.5	33	1.9	.7	360	2.0	1.94	4.0	1.48	25	18	22.1	31.7	.20
6225397	6255488	.05	6.08	7.5	9	3.0	530	537	1.8	8	.76	1.30	72	62	17	18	120	108	3.6	66	3.4	1.4	447	5.2	4.82	5.0	2.06	38	30	29.5	10.8	.31
6225398	6255489	3.60	3.81	7.8	8	3.0	240	251	1.1	45	.32	3.10	54	44	7	8	85	73	2.1	84	2.9	1.1	238	3.5	3.06	2.0	.84	27	22	14.9	57.4	.24
6225399	6255490	.70	.65	1.6	1	.5	25	76	.2	29	.23	.90	15	12	2	2	13	15	.6	40	1.0	.2	48	.4	.35	.5	.07	8	7	.9	86.1	.07
6225401	6255491	.20	2.37	17.0	15	3.0	150	167	.8	14	.42	1.60	45	42	10	10	50	46	1.6	68	3.4	.2	232	2.6	2.36	1.0	.58	24	23	13.0	32.4	.27
6225402	6255492	.20	1.49	4.6	5	1.0	84	85	.4	7	.32	1.00	18	18	7	7	26	25	1.0	26	1.4	.2	143	1.3	1.13	.5	.28	9	10	8.9	20.0	.06
6225403	6255493	.05	2.06	5.2	6	1.0	130	140	.6	7	.36	.90	33	30	7	7	36	37	1.5	40	2.7	.2	160	1.5	1.45	1.0	.47	18	19	12.0	24.4	.14
6225404	6255494	.10	3.62	15.0	14	.5	300	304	1.0	7	.66	.70	49	46	13	13	58	62	2.0	60	3.6	1.3	240	2.9	2.90	3.0	1.03	26	25	17.8	16.6	.27
6225405	6255495	.10	1.51	20.0	17	.5	110	100	.5	10	.38	.90	27	27	7	7	28	28	.8	48	3.0	1.2	133	1.5	1.54	.5	.30	20	19	7.0	25.8	.23
6225406	6255496	.20	2.89	29.0	26	2.0	250	231	.8	14	.70	1.00	37	37	12	11	55	53	1.6	67	2.7	1.0	200	3.2	3.32	2.0	.75	24	21	13.0	27.1	.19
6225407	6255497	.05	1.75	36.0	34	.5	140	160	.5	20	.61	.90	19	20	16	16	31	31	.8	18	1.1	.2	175	2.7	2.94	1.0	.42	11	10	7.1	41.8	.10
6225408	6255498			1.3		.5	70			15			8		1		2		.2			.2		.4		.5		4				.02
6225409	6255499	.20	2.19	15.0	13	3.0	150	164	.7	12	.43	1.70	35	37	8	8	26	37	1.7	127	2.9	.2	156	1.2	1.32	2.0	.52	23	24	10.1	29.5	.16
6225411	6255500	.80	2.50	74.4	67	.5	110	129	1.6	24	.25	5.50	82	79	22	19	57	47	1.9	220	5.8	1.5	165	5.8	5.37	2.0	.46	49	46	11.3	36.1	.47
6225412	6255501	.80	2.49	62.4	62	4.0	100	133	1.5	22	.29	4.80	78	76	16	16	57	46	1.7	197	5.3	1.3	174	4.1	3.68	2.0	.48	43	45	11.8	33.7	.29
6225413	6255502	.20	2.78	36.0	31	2.0	200	222	1.1	15	.56	2.70	65	62	9	10	59	48	2.2	125	4.2	1.0	257	2.1	2.03	2.0	.72	34	37	15.5	33.0	.24
6225414	6255503	.20	2.85	16.0	14	26.0	230	226	.9	12	.51	2.20	55	56	16	14	52	48	1.9	79	4.2	1.5	196	2.4	2.27	2.0	.71	35	35	15.4	27.3	.29
6225415	6255504	.10	2.73	17.0	15	2.0	200	204	.9	18	.55	1.20	49	50	10	10	52	48	1.8	45	3.1	.9	203	3.2	3.10	2.0	.71	31	28	13.3	31.2	.19
6225416	6255505	.10	4.54	25.0	25	2.0	450	443	1.2	13	.84	1.00	55	43	17	17	87	71	2.4	33	2.6	1.0	214	5.1	4.53	4.0	1.48	29	21	19.6	16.2	.27

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225417	6255506	.20	1.43	52.1	46	.5	110	117	.7	32	.94	3.60	30	27	17	15	24	24	.6	64	2.3	.8	111	2.5	2.29	.5	.21	16	15	4.8	44.4	.18
6225418	6255507	.60	3.04	10.0	9	2.0	200	207	1.0	32	.30	1.50	67	56	8	8	63	56	1.6	71	3.4	1.2	224	2.5	2.21	2.0	.55	29	25	11.4	53.9	.22
6225419	6255508	.05	2.88	28.0	26	.5	180	231	.8	24	.44	1.40	39	36	12	12	59	50	1.5	27	2.1	1.1	202	4.8	4.54	2.0	.74	18	15	13.7	41.2	.13
6225421	6255509	.30	2.95	25.0	22	3.0	350	358	1.0	17	.47	1.80	53	30	24	23	44	54	2.0	33	3.2	.2	238	7.0	6.55	2.0	.94	25	20	15.6	36.2	.13
	6275510																															
6225423	6255511	.20	4.27	19.0	17	3.0	510	499	1.4	3	.52	1.00	65	48	14	14	72	63	2.7	32	2.8	.8	256	8.7	8.04	5.0	1.72	33	23	18.3	7.1	.23
6225424	6255512	.50	3.99	22.0	20	3.0	340	357	1.7	15	.44	1.20	57	46	17	16	57	52	2.7	41	3.4	1.3	383	6.5	5.71	3.0	1.49	32	22	19.9	17.4	.19
6225425	6255513	.05	4.90	13.0	12	.5	500	498	1.5	6	.72	.80	71	49	16	17	92	84	3.0	41	3.1	.8	361	4.7	3.91	5.0	1.74	35	26	22.4	11.3	.19
6225426	6255514	.30	3.40	9.0	8	.5	260	260	1.2	73	.68	1.40	43	38	10	10	56	59	2.2	38	2.6	.2	337	4.0	3.65	2.0	1.04	23	21	17.9	30.7	.17
	6275515																															
6225428	6255516	.20	2.52	3.7	4	.5	250	268	.7	15	.85	.60	36	27	11	11	47	47	1.2	16	1.3	.6	250	3.6	3.32	2.0	.78	18	14	9.5	35.6	.10
6225429	6255517	.10	3.03	7.2	7	2.0	270	304	1.0	16	.66	.60	48	38	12	12	56	56	1.6	30	2.0	.5	301	4.9	4.47	2.0	1.04	26	19	13.7	35.3	.14
6225431	6255518	.05	2.17	7.7	7	.5	160	199	.9	19	.51	1.00	41	36	13	12	38	40	1.1	29	2.1	.7	204	4.5	4.27	1.0	.67	21	17	8.7	45.1	.11
6225432	6255519	.05	4.39	8.8	9	.5	460	476	1.3	8	.76	.60	69	57	18	18	110	96	2.5	38	2.7	.8	387	7.2	6.32	4.0	1.59	38	29	18.0	21.5	.17
6225433	6255520	.30	4.99	19.0	20	4.0	570	541	1.8	28	.71	.90	81	49	22	20	100	96	2.9	51	3.3	1.4	448	10.0	8.41	4.0	1.99	42	29	23.9	11.3	.09
6225434	6255521	.40	2.18	8.2	8	.5	130	111	.9	36	.78	1.40	30	35	14	13	67	67	.9	42	2.2	.2	218	9.5	8.52	1.0	.41	17	13	8.8	44.4	.12
6225435	6255522	.40	2.18	8.5	7	.5	110	113	.9	36	.78	1.40	41	35	16	13	79	67	1.2	42	2.1	.7	176	10.4	8.68	1.0	.42	19	14	8.8	45.3	.14
6225436	6255523	.10	2.54	6.2	6	.5	200	223	.7	17	.78	.50	39	27	8	8	62	46	1.4	18	1.4	.7	238	2.9	2.57	2.0	.82	19	14	10.5	36.3	.11
6225437	6255524	.60	4.48	11.0	13	.5	350	379	2.1	77	.65	2.20	83	65	17	15	94	87	2.9	82	5.3	1.8	312	8.8	7.02	4.0	1.13	44	38	21.4	28.7	.34
6225438	6255525	.20	2.28	19.0	19	.5	150	164	.8	10	.81	1.60	54	38	8	7	61	42	1.3	43	3.3	1.2	206	5.0	3.54	2.0	.58	35	28	12.0	36.6	.14
6225439	6255526	.20	2.90	9.0	8	.5	230	227	1.0	12	.71	1.30	52	37	12	9	57	51	1.8	32	2.8	.9	230	3.4	2.85	2.0	.76	29	23	14.7	26.4	.18
6225441	6255527	.20	2.37	5.6	6	.5	160	162	.8	25	.56	1.70	37	30	7	7	47	46	1.7	34	2.7	.8	264	2.3	2.10	2.0	.63	24	20	12.1	31.7	.16
6225442	6255528	.40	4.42	9.0	9	2.0	420	412	1.5	13	.77	1.50	68	49	19	18	90	77	2.1	39	4.3	1.1	326	9.2	8.40	4.0	1.47	38	27	19.4	14.6	.30
6225443	6255529	.05	1.81	16.0	15	.5	160	168	.7	18	.78	.50	33	25	8	8	38	38	.9	26	1.6	.7	197	2.8	2.51	1.0	.48	17	14	7.4	44.2	.09
6225444	6255530	.20	5.08	11.0	10	2.0	620	594	1.6	17	.72	.80	81	59	24	22	110	104	3.2	41	4.0	1.1	446	8.5	7.57	4.0	1.85	45	33	23.8	11.2	.28
6225445	6255531	.05	4.32	11.0	10	3.0	370	391	1.3	9	.67	.80	64	49	21	20	79	73	2.2	30	2.8	1.1	304	5.6	5.08	4.0	1.38	32	23	18.7	22.9	.24
6225446	6255532	.50	4.12	5.7	6	2.0	280	334	1.2	14	.55	1.10	58	49	14	14	76	75	2.7	70	2.7	.9	349	2.7	2.63	3.0	1.23	27	23	23.1	36.9	.22
6225447	6255533	.10	3.39	15.0	15	.5	250	260	1.1	11	.63	1.50	96	85	13	12	68	55	2.3	66	3.7	1.5	285	4.0	3.57	3.0	.92	65	56	15.7	35.7	.30
6225448	6255534	.20	2.61	22.0	23	.5	150	169	1.1	15	.46	1.60	120	109	9	9	57	43	1.9	96	4.7	1.9	209	2.8	2.41	2.0	.61	82	73	12.7	39.1	.34
6225449	6255535	.10	2.13	20.0	17	.5	170	154	1.1	14	.60	1.40	66	58	12	11	36	35	1.6	60	3.0	.9	264	4.6	3.57	2.0	.52	46	40	9.2	49.4	.24
6225451	6255536	.10	3.54	29.0	26	.5	290	298	1.3	19	.73	1.20	66	55	15	14	64	59	1.7	53	3.4	1.2	329	4.9	4.34	3.0	1.04	36	29	14.2	33.2	.28
6225452	6255537	.10	.93	4.8	4	.5	79	90	.3	21	.49	.50	19	14	3	3	22	16	.7	19	.5	.2	91	1.3	1.11	.5	.24	10	8	3.6	77.7	.08
6225453	6255538	.05	3.42	13.0	13	2.0	250	262	1.3	16	.64	.70	96	86	11	11	74	62	3.1	77	3.8	1.4	220	3.0	2.64	3.0	.98	75	65	17.9	34.9	.33
6225454	6255539	.05	1.54	8.2	10	.5	78	93	.8	29	.75	1.20	120	100	8	7	41	28	1.2	97	3.4	.9	113	1.8	1.61	1.0	.26	100	89	6.2	50.2	.27
6225455	6255540	.90	4.52	6.0	7	2.0	310	307	1.5	37	.37	1.40	82	73	9	10	100	88	2.3	76	4.3	1.8	273	4.0	3.71	3.0	.99	40	33	17.4	37.7	.28
6225456	6255541	.30	2.79	16.0	15	.5	170	182	1.3	26	.38	3.60	61	57	22	19	61	54	1.7	64	3.7	1.1	147	4.6	4.21	2.0	.53	31	27	10.2	48.2	.24
6225457	6255542	.40	2.32	4.2	4	3.0	150	147	1.0	29	.71	1.60	47	37	8	7	42	40	1.4	42	3.4	.7	178	2.3	2.12	.5	.41	30	27	9.0	28.1	.23
6225458	6255543	.10	.69	4.8	5	.5	25	40	.3	23	.71	.80	16	15	1	2	17	16	.2	33	1.9	.6	52	.7	.74	.5	.09	15	16	2.3	30.5	.06
6225459	6255544	.10	.69	5.2	5	.5	25	36	.2	23	.69	.80	20	14	1	2	11	15	.2	28	1.7	.2	51	.6	.55	.5	.09	15	15	2.2	29.8	.07
6225461	6255545	.80	3.48	6.3	8	3.0	230	246	1.5	32	.48	2.00	51	56	8	10	68	65	2.3	59	4.1	1.1	230	5.6	5.41	2.0	.80	28	31	15.7	27.1	.21
6225462	6255546	.30	4.86	14.0	15	2.0	450	440	1.7	8	.66	1.00	63	56	20	20	87	89	3.2	44	3.8	1.1	328	7.3	7.02	4.0	1.70	36	30	25.5	11.4	.24
6225463	6255547	.80	4.29	17.0	17	3.0	450	456	2.0	38	.72	1.90	69	54	14	14	84	82	2.9	73	5.0	1.1	316	8.0	7.89	3.0	1.34	38	34	22.1	24.5	.22
6225464	6255548	.10	1.96	6.0	6	.5	140	150	.7	26	.75	.70	28	23	7	7	43	40	1.5	29	1.8	.7	136	1.6	1.56	2.0	.53	15	14	10.6	39.7	.13
6225465	6255549	.05	2.85	5.0	5	2.0	180	213	.9	21	.61	.90	29	27	7	7	44	49	1.9	24	2.1	.8	227	1.9	1.81	2.0	.81	20	17	16.9	29.3	.18
6225466	6255550	.20	1.20	8.1	8	2.0	84	100	.4	26	.78	.80	19	15	4	4	24	23	.7	27	1.1	.2	93	1.3	1.16	1.0	.29	12	11	4.9	48.0	.11
6225467	6255551	.20	3.24	9.5	9	2.0	360	350	1.1	10	.59	3.20	48	39	12	12	62	56	2.8	46	2.3	.9	291	5.7	5.36	3.0	1.22	24	21	17.0	30.6	.19
6225468	6255552	.60	.54	1.6	1	.5	55	67	.2	21	.33	.60	11	6	1	2	2	8	.2	21	.1	.2	49	.5	.47	.5	.10	4	4	1.3	91.2	.02
6225469	6255553	.30	5.23	23.0	21	5.0	470	457	2.2	1	.57	1.50	82	55	21	21	80	71	5.1	73	3.8	1.5	633	7.4	7.19	6.0	2.58	43	28	34.2	4.0	.32
6225471	6255554	.20	4.18	16.0	14	.5	410	394	1.1	8	.88	2.30	46	40	13	14	78	68	2.0	41	2.8	.8	327	4.2	3.87	3.0	1.33	26	20	18.9	13.5	.23
6225472	6255555	.05	4.08	7.5	8	.5	360	350	1.0	7	.77	.60	49	45	10	13	73	69	2.2	38	2.9	1.1	341	4.0	3.48	3.0	1.19	26	23	19.7	13.7	.22
6225473	6255556	.05	5.26	10.0	11	3.0	440	433	1.3	8	.80	.40	57	49	15	18	85	94	2.9	38	3.1	.8	415	5.2	5.13	4.0	1.59	28	23	25.6	15.8	.19
6225474	6255557	.30	3.22	12.0	12	2.0	260	278	1.1	13	.56	.80	36	41	13	14	65	69	2.1	84	2.9	.8	303	3.2	3.35	2.0	.81	19	19	18.1	36.1	.19
6225475	6255558	.10	5.39	28.0	26	3.0	510	504	1.7	10	1.13	2.10	76	64	52	47	110	105	2.9	136	5.4	1.3	422	7.0	7.19	4.0	1.55	42	37	26.2	7.2	.33
6225476	6255559	.10	2.10	6.4	6	.5	160	179	.6	20	.82	.50	24	19	10	10	46	45	1.0	71	1.3	.6	228	2.3	2.36	1.0	.59	12	11	11.0	51.8	.10
6225477	6255560	.10	4.74	8.4	12	4.0	450	445	1.2	9	.89	1.00	64	56	29	28	92	87	2.5	73	4.2	1.4	316	7.1	6.98	4.0	1.31	36	30	21.8	10.8	.26
6225478	6255561	.10	1.12	5.6	6	.5	76	81	.3	9	.49	.50	28	27	4	4	17	18	.6	50	1.5	.2	105	.8	.81	.5	.22	18	19	4.9	27.9	.09
6225479	6255562	.05	2.02	3.1	4	2.0	160	160	.6	11	.63	1.10	52	47	10	11	21	33	.9	45	2.9	.7	159	1.9	1.91	2.0	.42	29	30	10.8	28.4	.19
6225481	6255563	.05	4.55	13.0	13	.5	400	425	1.2	9	.85	.40	58	48	13	14	67	70	2.5	31	2.5	.9	375	4.2	3.96	4.0	1.46	29	24	21.8	17.7	.25
6225482	6255564	.05	3.63	12.0	10	.5	330	316	1.0	14	.66	.70	48	41	17	16	62	57	2.4	25	2.2	1.1	286	4.9	4.26	3.0	1.08	25	20	17.2	28.8	.16
6225483	6255565	.05	3.17	12.0	11	1.0	250	271	.9	20	.63	.80	43	37	10	11	70	55	1.9	29	2.3	.2	327	4.1	3.55	3.0	.96	22	19	15.8	39.4	.15
	6275566																															
6225485	6255567	.05	2.53	8.4	8	1.0	250	278	.5	19	1.07	.80	28	25	14	15	43	47	.9	13	1.2	.2	202	3.2	2.98	2.0	.60	13	13	8.2	48.0	.10
6225486	6255568	.05	3.06	14.0	12	2.0	300	308	.8	16	.93	.60	39	31	9	10	46	48	2.0	22	1.7	.2	233	3.6	3.29	2.0	.99	18	15	14.2	50.9	.10
6225487	6255569	.05	4.39	12.0	13	.5	410	427	1.0	9	1.08	.30	50	44	15	16	75	71	1.7	19	2.4	.8	271	5.0	4.90	4.0	1.23	28	22	16.7	19.8	.22
6225488	6255570	.05	2.76	4.7	5	.5	290	307	.6	14	.98	.80	40	33	9	10	51	47	1.4	29	1.7	.9	264	3.4	3.22	3.0	.78	20	19	12.4	42.4	.11
6225489	6255571	.05	2.53	4.4	5	1.0	210	224	.6	14	.94	.80	44	36	11	10	42	38	1.2	25	1.8	.2	203	2.1	1.98	1.0	.64	21	20	10.9	29.6	.12
6225491	6255572	.05	.78	127.0	107	.5	25	27	.8	10	.33	1.20	77	77	5	4	19	17	.2	83	7.1	1.9	106	11.3	10.08	.5	.07	59	52	1.7	39.8	.58
6225492	6255573	.05	2.40	15.0	16	2.0	150	180	.8	12	.75	1.00	59	58	13	12	32	41	.8	71	4.4	1.7	255	5.5	5.36	2.0	.53	53	51	10.0	42.8	.31

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225493	6255574	.05	1.87	2.9	7	.5	110	131	.6	24	.49	.60	55	49	6	5	36	31	1.7	57	3.4	.9	200	2.0	1.95	1.0	.42	53	51	12.7	34.6	.19
6225494	6255575	.10	1.58	18.0	15	2.0	120	134	.6	14	.75	1.10	53	45	10	9	41	35	1.3	114	2.7	1.1	169	2.7	2.25	1.0	.36	34	31	8.6	55.7	.26
6225495	6255576	.10	1.57	20.0	18	.5	120	133	.6	12	.73	1.00	45	44	10	9	33	34	.8	110	2.8	.8	204	2.5	2.21	1.0	.36	30	31	8.5	55.0	.25
6225496	6255577	.05	6.12	10.0	11	3.0	550	519	1.5	1	1.21	.40	69	63	22	23	120	110	3.1	62	3.7	1.2	422	6.8	5.76	5.0	1.91	36	30	28.7	2.8	.25
6225497	6255578	.10	3.19	14.0	14	2.0	220	247	1.1	10	.52	2.00	65	69	16	16	63	52	2.1	110	5.0	.9	316	3.2	3.08	2.0	.85	39	43	18.2	30.3	.27
6225498	6255579	.50	1.79	30.0	27	4.0	87	102	.8	22	.57	1.80	51	56	9	8	39	35	1.0	228	4.7	1.6	143	3.8	3.65	1.0	.29	47	47	7.0	41.2	.34
6225499	6255580	.30	1.97	17.0	15	2.0	120	129	.7	17	.55	1.50	54	57	10	10	40	38	1.3	143	3.8	1.4	166	2.6	2.64	2.0	.42	37	39	9.4	36.1	.31
6225501	6255581	.30	2.35	7.1	8	3.0	150	166	.8	15	.50	1.20	63	64	13	12	49	40	1.9	166	4.6	.2	211	1.9	1.99	2.0	.55	44	45	11.6	26.8	.32
6225502	6255582	.20	3.84	36.0	34	2.0	320	333	1.1	11	.88	1.00	47	45	13	15	64	67	2.1	86	3.1	.7	357	4.4	4.35	3.0	1.07	26	24	16.6	20.1	.29
6225503	6255583	.20	2.85	30.0	28	3.0	230	240	.8	15	.59	1.10	40	42	13	13	54	53	1.5	61	2.6	.2	278	4.6	4.52	2.0	.76	24	22	13.8	30.2	.19
6225504	6255584	.05	4.43	12.0	13	.5	390	416	1.1	5	1.22	.40	46	39	14	17	93	77	1.8	19	2.5	.7	275	5.8	5.35	4.0	1.26	25	20	18.2	11.2	.23
6225505	6255585	.10	3.53	22.0	19	5.0	310	298	.9	13	.79	1.00	48	44	14	14	65	61	1.8	45	2.7	1.0	281	4.0	3.76	4.0	.98	28	24	15.7	25.4	.22
6225506	6255586	.40	1.40	7.2	7	.5	66	95	.6	17	.48	1.90	26	25	4	4	25	20	1.2	37	2.4	1.0	173	1.4	1.27	.5	.36	17	18	9.0	33.6	.11
6225507	6255587	.40	3.61	13.0	14	.5	280	297	2.1	69	.58	1.00	65	62	22	20	54	53	3.1	44	3.5	1.1	561	7.1	5.64	3.0	1.29	31	29	22.0	37.5	.02
6225508	6255588	.05	.78	3.0	6	2.0	25	43	.5	14	.55	.40	8	13	3	3	19	21	.9	7	.6	.2	191	2.0	1.98	.5	.23	7	7	3.9	46.3	.02
6225509	6255589	.20	2.83	13.0	14	4.0	210	230	3.9	129	.81	3.50	64	68	65	59	39	35	3.6	49	4.4	1.1	380	6.3	6.24	1.0	.93	43	43	17.3	47.4	.20
6225511	6255590	.20	3.04	28.0	26	3.0	200	226	.9	17	.62	1.20	42	42	10	11	61	56	1.6	66	2.6	.8	261	3.4	3.58	2.0	.78	24	24	15.0	28.5	.21
6225512	6255591	.10	1.75	22.0	19	2.0	140	148	.5	10	.54	1.40	27	27	10	10	31	32	1.1	41	1.9	.2	208	2.2	2.13	2.0	.42	16	16	8.4	24.9	.11
6225513	6255592	.20	2.88	5.1	6	.5	190	210	.8	17	.50	1.30	55	50	10	10	49	50	1.7	58	3.4	1.2	250	2.1	2.10	2.0	.72	29	29	15.7	27.0	.18
6225514	6255593	.80	1.21	4.8	5	.5	66	70	.5	32	.45	1.30	21	22	6	5	15	22	.6	47	1.5	.2	146	1.1	1.19	.5	.18	12	13	3.8	45.8	.06
6225515	6255594	.20	1.02	1.8	1	3.0	25	32	.7	14	.26	2.00	23	20	50	39	2	8	.2	20	1.7	.2	90	3.3	2.83	.5	.05	11	10	1.4	26.5	.02
	6275595																															
6225517	6255596	.20	2.40	8.9	8	.5	120	121	1.2	16	.47	.90	54	55	27	24	46	39	1.6	51	4.2	1.0	218	2.5	2.44	2.0	.52	38	37	13.1	33.4	.28
6225518	6255597	.80	3.27	101.0	89	3.0	220	234	2.2	28	.35	1.30	82	97	240	181	52	57	2.6	95	7.9	2.7	313	23.0	20.44	3.0	.90	56	47	19.8	27.8	.37
6225519	6255598	.20	1.77	1.5	2	.5	170	169	.5	12	.36	.70	26	26	8	8	19	27	.7	32	1.4	.2	185	1.2	1.17	.5	.44	14	14	7.8	27.8	.02
6225521	6255599	.20	3.44	4.6	6	2.0	270	270	1.1	15	.60	1.20	63	80	15	16	50	61	2.4	59	5.0	1.4	288	3.4	3.52	2.0	.85	41	48	19.4	29.1	.16
6225522	6255600	.05	1.17	1.1	1	1.0	110	126	.3	11	.45	.40	21	23	5	5	18	23	.2	64	2.6	.2	127	1.3	1.34	.5	.21	18	21	6.1	25.4	.14
6225523	6255601	.05	1.55	29.0	22	.5	130	153	.5	18	.91	.80	33	35	11	12	39	51	.6	91	1.6	.6	179	2.0	2.00	1.0	.22	18	20	6.1	68.7	.11
6225524	6255602	.05	2.02	4.4	7	2.0	200	212	.6	12	.88	.70	32	31	9	9	40	42	1.1	103	2.6	.2	186	2.1	2.23	2.0	.46	24	25	10.2	35.7	.15
6225525	6255603	.05	3.06	2.8	4	.5	270	315	.7	12	.98	.80	59	55	13	14	63	55	1.2	47	3.1	.9	216	2.3	2.32	3.0	.78	33	33	12.5	31.1	.20
6225526	6255604	.05	2.38	23.0	21	.5	330	344	.6	12	.93	.80	45	42	14	14	44	46	.8	34	2.2	.7	140	6.1	5.93	2.0	.53	21	20	8.7	32.4	.18
6225527	6255605	.05	1.98	16.0	14	.5	170	207	.6	20	.65	.80	32	34	10	10	35	39	.8	33	1.6	.5	184	3.6	3.47	2.0	.48	16	16	7.6	60.7	.11
6225528	6255606	.05	4.75	4.5	6	.5	470	487	.9	7	1.28	.30	54	54	13	15	75	72	1.3	20	2.4	.8	345	3.6	3.63	5.0	1.26	31	28	17.1	12.7	.25
6225529	6255607	.20	1.81	3.1	4	.5	150	168	.5	22	.98	.80	46	41	9	9	41	39	.7	64	2.4	.7	181	1.6	1.52	.5	.32	22	22	8.2	50.7	.13
6225531	6255608	.10	1.65	4.5	5	.5	150	186	.4	24	.86	.50	30	25	9	8	45	36	.9	69	1.4	.2	129	1.8	1.58	1.0	.34	17	16	7.9	39.5	.05
6225532	6255609	.05	1.61	3.2	3	.5	170	178	.3	24	.87	.60	28	26	8	8	33	36	.8	67	1.7	.6	219	1.7	1.49	1.0	.33	16	17	7.9	40.3	.11
	6275610																															
6225534	6255611	.05	.27	1.0	1	.5	25	53	.1	24	.20	.30	4	2	3	2	2	4	.2	7	.1	.2	55	.4	.35	.5	.04	1	1	.4	96.2	.02
6225535	6255612	.10	2.06	2.6	3	.5	160	158	.6	11	1.43	1.00	57	49	8	7	35	29	1.2	42	3.2	1.5	180	3.5	3.34	2.0	.49	30	28	11.7	37.6	.23
6225536	6255613	.05	1.47	2.3	8	4.0	76	102	.8	14	.36	1.30	43	43	8	9	38	23	.5	130	12.6	4.4	111	2.9	3.11	2.0	.29	199	204	9.5	30.5	.43
6225537	6255614	.20	4.52	7.8	9	.5	320	320	1.5	23	.49	.90	77	71	17	17	88	71	2.5	55	3.8	1.5	262	4.7	4.47	3.0	1.23	38	31	20.8	32.1	.32
6225538	6255615	.05	6.42	16.0	16	3.0	560	573	1.9	3	.80	.30	70	66	22	22	100	101	4.1	53	2.8	1.4	337	5.4	5.35	5.0	2.31	38	31	33.0	5.3	.21
6225539	6255616	.50	2.51	3.7	5	3.0	140	158	1.0	37	.71	2.10	65	60	17	15	42	40	1.3	88	4.0	1.2	104	3.2	3.07	2.0	.52	54	51	11.0	38.7	.24
6225541	6255617	.20	1.47	6.5	6	2.0	110	115	.5	25	.55	1.00	23	23	6	6	25	29	.9	38	2.8	.2	106	2.6	2.68	1.0	.35	14	13	8.3	28.2	.08
6225542	6255618	.30	2.93	12.0	11	.5	190	214	1.1	25	.37	2.00	58	55	15	14	58	58	1.9	52	5.0	1.6	219	3.8	3.60	2.0	.67	31	29	13.2	36.5	.40
6225543	6255619	.20	2.46	31.0	29	.5	170	181	.9	15	.53	1.30	84	85	10	11	50	47	1.5	108	3.9	1.2	160	3.6	3.50	2.0	.59	48	48	11.5	38.4	.32
6225544	6255620	.20	1.47	5.7	6	2.0	74	88	.4	10	.35	1.10	29	31	4	4	28	25	.8	53	2.3	.2	112	.9	.84	.5	.30	18	21	7.7	23.1	.16
6225545	6255621	.20	.68	2.4	2	1.0	25	38	.3	15	.33	1.50	36	40	4	3	2	12	.6	141	3.1	.2	64	.6	.56	.5	.11	24	29	2.8	27.9	.13
6225546	6255622	.30	2.34	5.7	6	2.0	170	169	.8	29	.48	1.40	54	60	10	10	32	45	2.1	153	4.1	1.5	148	1.9	1.93	2.0	.56	44	46	15.0	30.2	.30
6225547	6255623	.30	1.56	9.2	10	.5	85	91	.5	13	.28	.80	25	29	5	5	23	26	1.2	100	2.2	.2	115	1.2	1.24	.5	.33	17	19	8.4	24.5	.16
6225548	6255624	.20	2.72	18.0	16	.5	220	218	.8	11	.71	1.60	56	56	13	12	50	46	1.5	115	3.7	1.1	159	2.3	2.20	2.0	.65	42	42	13.5	27.4	.25
6225549	6255625	.30	2.68	44.0	41	2.0	150	184	1.0	27	.44	2.00	67	69	32	30	54	50	1.3	112	4.0	.7	120	5.2	5.02	2.0	.49	35	33	8.9	55.9	.31
6225551	6255626	.05	3.80	4.8	5	2.0	380	402	1.2	7	.60	.60	58	51	14	14	70	73	2.7	30	2.7	.9	159	3.5	3.37	2.0	1.28	36	31	18.2	26.9	.19
6225552	6255627	.80	2.35	3.6	6	.5	140	158	1.0	35	.39	1.40	55	49	8	8	38	41	1.0	57	3.5	1.4	147	1.6	1.48	1.0	.36	30	27	7.6	65.9	.21
6225553	6255628	.20	2.02	3.8	5	.5	140	152	.6	15	.61	1.30	39	35	7	7	37	36	1.2	29	2.5	.7	150	1.9	1.83	1.0	.47	24	22	10.3	33.4	.13
6225554	6255629	.05	2.69	3.6	4	.5	210	236	.9	20	.31	.60	48	34	4	5	65	49	1.5	42	2.0	.9	161	1.8	1.57	2.0	.73	23	17	10.2	66.1	.16
6225555	6255630	.10	4.27	4.9	5	.5	360	385	1.1	13	.57	.40	66	53	7	10	87	75	2.2	32	3.2	1.4	224	2.7	2.53	4.0	1.26	29	24	18.8	26.0	.18
6225556	6255631	.05	4.16	17.0	17	.5	360	383	1.4	10	.70	1.50	56	52	22	23	71	74	2.2	34	2.9	.7	222	5.1	5.04	3.0	1.25	26	25	19.6	22.6	.16
6225557	6255632	.05	.57	7.0	5	.5	53	66	.3	22	.16	.60	9	12	3	3	17	14	.2	20	.4	.2	41	1.7	1.74	.5	.11	5	5	1.5	91.8	.02
6225558	6255633	.10	3.49	26.0	23	.5	270	307	1.2	13	.79	1.00	51	46	16	16	55	60	1.7	35	2.6	1.1	241	4.7	4.58	3.0	1.02	30	25	15.6	31.8	.23
6225559	6255634	.20	3.92	3.9	4	.5	270	300	1.1	24	.39	.90	82	69	8	9	77	67	2.2	56	3.5	1.1	256	2.8	2.58	3.0	.98	37	30	14.6	46.0	.26
6225561	6255635	.05	4.09	61.0	57	.5	320	356	1.2	16	.60	.80	54	45	13	14	75	65	2.3	24	2.6	.8	383	6.4	6.02	3.0	1.22	25	19	18.1	30.2	.24
6225562	6255636	.05	4.11	13.0	13	.5	360	390	1.0	8	.83	.90	56	48	11	12	64	60	1.9	42	3.5	1.4	294	2.7	2.76	3.0	1.23	32	29	17.5	15.5	.28
	6275637																															
6225564	6255638	.05	2.67	30.0	28	.5	200	219	.9	17	.52	.90	62	52	15	14	56	49	1.8	42	2.1	.6	228	3.3	3.12	2.0	.69	33	30	14.1	31.5	.23
6225565	6255639	.10	3.45	19.0	18	.5	330	347	1.0	11	.80	.90	51	40	15	15	69	61	1.6	31	2.2	1.0	272	5.1	4.83	3.0	1.09	27	22	15.4	24.4	.22
6225566	6255640	.05	4.45	12.0	12	2.0	420	454	1.2	5	1.05	.60	62	44	15	16	86	74	2.0	28	2.3	1.2	334	5.7	5.38	4.0	1.49	30	23	18.5	11.0	.24
6225567	6255641	.10	3.17	22.0	20	2.0	250	267	1.0	13	.74	1.10	61	48	14	14	65	60	1.8	47	2.5	.8	298	3.7	3.35	2.0	.95	33	27	15.6	34.3	.22

Appendix 2: Schefferville Area

labnum	fldnum	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	Co1 ppm	Co2 ppm	Cr1 ppm	Cr2 ppm	Cs1 ppm	Cu2 ppm	Dy2 ppm	Eu1 ppm	F9 ppm	Fe1 pct	Fe2 pct	Hf1 ppm	K2 pct	La1 ppm	La2 ppm	Li2 ppm	LOI pct	Lu1 ppm
6225568	6255642	.50	4.05	5.3	9	.5	230	252	1.3	36	.34	1.20	77	66	16	16	76	82	1.8	94	3.9	1.4	282	3.4	2.82	2.0	.68	32	29	15.7	44.6	.28
6225569	6255643	.10	3.57	18.0	16	.5	290	302	1.1	12	.57	1.40	43	46	11	13	51	63	2.3	37	2.7	.7	302	4.8	5.11	3.0	1.08	24	23	17.4	23.3	.13
6225571	6255644	.10	2.35	44.0	39	2.0	170	196	.9	15	.43	2.20	43	43	33	29	40	43	1.4	30	2.6	.7	227	6.1	5.96	2.0	.54	21	18	10.0	46.5	.11
6225572	6255645	.05	.51	7.3	5	.5	25	63	.2	20	.18	.70	17	14	5	4	2	10	.2	20	.8	.2	171	1.7	1.50	.5	.05	7	6	.8	91.1	.08
6225573	6255646	.05	4.15	14.0	14	.5	330	353	1.2	13	.57	.90	60	46	16	17	84	75	2.3	31	2.6	.9	335	5.2	4.83	3.0	1.27	28	21	19.8	27.2	.20
6225574	6255647	.70	1.73	20.0	16	.5	88	91	.9	37	.51	3.40	30	26	8	6	23	22	1.2	108	3.6	.8	210	2.1	1.99	1.0	.25	17	14	4.6	72.2	.23
6225575	6255648	.05	5.10	28.0	27	10.0	470	484	1.5	7	.95	3.60	62	46	27	26	100	84	2.8	62	3.2	1.2	407	5.7	5.34	5.0	1.72	32	22	21.1	10.0	.23
6225576	6255649	.70	1.81	16.0	14	3.0	95	100	.6	29	.64	4.80	42	37	7	7	22	26	.8	100	3.6	1.1	172	2.1	1.96	1.0	.26	23	21	5.2	51.2	.20
6225577	6255650	.05	3.73	11.0	11	3.0	330	339	.9	15	.85	.90	57	40	20	20	74	66	1.9	46	2.5	.7	298	3.8	3.47	3.0	1.12	27	19	14.9	32.9	.21
6225578	6255651	.05	2.98	7.5	7	3.0	250	275	.7	12	.95	.80	38	29	10	10	49	48	1.4	30	1.7	.2	233	2.0	2.00	3.0	.85	21	17	10.3	26.3	.11
6225579	6255652	.20	1.79	7.3	7	3.0	110	123	.4	16	.53	3.40	29	21	7	7	35	30	1.0	32	2.0	.2	177	1.9	1.67	1.0	.37	14	14	9.3	26.0	.05
	6275653																															
6225582	6255654		.76	13.0	12	.5	60	56	.3	19	.54	1.10	19	20	10	9	17	13	.2	27	1.4	.2	73	1.2	1.20	.5	.05	12	12	1.2	47.9	.07
6225583	6255655	.10	3.70	29.0	28	.5	260	299	1.0	13	.70	1.00	50	43	12	14	65	67	1.7	56	2.7	.6	293	4.5	4.36	3.0	1.04	28	23	17.0	23.2	.22
6225584	6255656	.20	4.68	25.0	27	2.0	350	381	1.4	15	.64	1.60	77	71	16	17	86	82	3.2	87	3.7	1.0	338	3.9	3.89	4.0	1.35	42	37	25.4	23.1	.32
6225585	6255657	.10	4.70	18.0	18	3.0	390	416	1.4	11	.71	1.60	64	51	24	24	96	89	2.5	80	3.0	.2	404	4.3	4.15	4.0	1.48	33	25	23.9	22.9	.24
6225586	6255658	.70	3.12	38.0	35	.5	210	220	1.4	22	.44	10.30	51	44	24	21	46	47	2.3	109	4.3	1.4	216	6.8	6.33	2.0	.75	29	22	14.7	33.6	.28
6225587	6255659	.20	2.71	35.0	31	.5	240	257	1.1	22	.47	2.10	55	44	21	19	53	53	1.6	45	2.6	1.0	243	6.1	5.28	2.0	.70	27	20	12.3	38.9	.23
6225588	6255660	.30	3.27	60.3	54	.5	220	228	1.2	26	.30	1.40	45	45	16	15	59	61	1.8	40	2.9	.8	274	10.8	9.70	2.0	.82	22	16	14.8	34.7	.24
6225589	6255661	.05	5.75	14.0	14	4.0	480	507	1.5	7	.76	1.70	71	56	25	25	120	105	3.4	80	3.4	1.0	509	4.6	4.41	5.0	1.96	37	26	27.6	12.3	.29
6225591	6255662	.05	4.77	8.6	9	3.0	410	421	1.2	12	.53	1.00	63	45	18	19	85	85	3.1	38	2.7	1.1	395	3.9	3.48	4.0	1.57	29	22	21.7	23.2	.22
6225592	6255663	.30	3.90	5.0	6	.5	220	235	2.0	21	.39	.90	51	44	17	15	52	53	3.1	43	3.7	1.3	439	3.0	2.56	2.0	1.32	27	23	22.9	36.8	.21
6225593	6255664	.30	4.08	7.2	7	.5	240	261	2.1	18	.39	.70	48	43	18	18	51	55	3.5	43	3.7	1.1	451	2.8	2.58	2.0	1.43	27	24	24.4	37.9	.18
6225594	6255665	.20	5.87	25.0	24	3.0	160	151	3.6	1	.12	.60	110	102	17	17	51	56	2.1	44	5.6	2.1	844	14.8	14.28	6.0	1.23	74	65	32.5	7.3	.37
6225595	6255666	.10	3.51	15.0	12	2.0	240	244	3.1	6	.03	.90	110	129	21	18	19	32	2.1	215	6.1	1.5	514	21.4	19.68	3.0	1.04	49	41	15.0	10.7	.22
	6275667																															
6225597	6255668	.40	3.17	8.6	10	2.0	100	160	5.6	25	.08	9.00	180	174	49	43	32	21	1.9	266	11.2	2.2	387	6.0	5.95	2.0	.50	150	146	12.0	21.0	.56
6225598	6255669	.20	1.82	27.0	22	.5	93	114	5.2	22	.24	13.80	64	66	40	34	24	17	1.9	68	8.6	2.1	227	11.7	10.91	.5	.35	79	74	9.3	40.1	.42
	6275670																															
6225601	6255671	.05	5.60	11.0	14	2.0	440	447	2.3	1	.22	.20	77	84	12	14	59	71	3.6	45	4.1	1.2	546	10.5	10.35	5.0	2.40	43	36	25.6	2.8	.27
6225602	6255672	.20	3.83	10.0	12	.5	380	429	3.5	47	.64	1.70	60	57	19	18	61	61	5.0	44	6.2	2.3	530	4.3	4.37	3.0	1.44	57	54	20.5	46.6	.32
6225603	6255673	.05	6.63	8.9	10	2.0	620	614	2.4	4	.32	.70	91	88	18	19	93	91	6.2	71	3.7	1.3	620	6.1	5.98	5.0	2.88	47	40	32.1	5.0	.26
6225604	6255674	.40	3.92	5.3	6	.5	150	174	1.7	42	.33	1.30	56	48	14	13	51	52	2.2	52	3.2	1.3	884	2.9	2.69	3.0	1.58	28	25	28.4	46.7	.30
6225605	6255675	.05	1.78	2.5	3	.5	120	139	.8	25	.37	.30	16	20	6	6	24	26	1.6	17	1.2	.2	281	1.1	.93	.5	.67	12	11	7.5	31.8	.02
6225606	6255676	.40	3.97	7.8	9	.5	310	315	1.5	59	.55	.90	48	46	14	14	68	72	2.9	34	2.6	.9	572	3.9	3.66	2.0	1.92	25	23	20.8	31.7	.13
6225607	6255677	.80	3.78	3.3	5	3.0	250	292	1.4	32	.19	1.90	92	92	6	7	57	53	2.9	90	4.3	1.1	377	1.6	1.58	2.0	1.07	46	43	15.2	49.5	.21
6225608	6255678	1.30	5.13	6.0	8	3.0	350	379	1.9	35	.22	2.40	80	72	10	11	92	82	3.9	66	4.0	1.2	556	3.5	3.42	3.0	1.72	44	38	24.7	35.5	.29
6225609	6255679	.10	3.09	4.0	4	.5	280	296	1.0	8	.39	.50	42	35	8	9	43	44	2.1	18	1.8	.8	387	3.5	3.22	3.0	1.43	21	17	14.0	28.5	.12
6225611	6255680	.80	2.35	10.0	7	.5	180	172	1.1	22	.05	1.10	38	64	12	10	25	40	1.7	39	3.7	.8	307	23.1	20.88	2.0	.80	22	17	10.8	40.9	.18
6225612	6255681	1.10	3.20	4.9	5	2.0	210	241	1.6	28	.23	1.30	81	82	9	8	42	48	1.9	55	3.8	1.1	313	1.8	1.60	2.0	.77	43	40	13.5	57.1	.20
	6275682																															
	6275683																															

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225039	6255166	.92	3341	5.7	5.0	.47	.42	11	125	2888	16	69	73	.70	25.6	27.2	.5	7.2	50	.4	1.0	8.3	2337	3.2	151	.2	32	2.9	1373	350	70
6225041	6255167	.70	378	.2	2.0	.41	.40	7	71	1172	7	46	52	.30	17.0	17.7	.5	5.3	55	.4	.7	5.2	2243	1.6	107	.2	20	1.8	202	50	47
6225042	6255168	.65	254	.2	.5	.20	.17	4	40	390	5	53	60	.20	15.7	15.9	.5	3.9	33	.3	.2	5.6	1505	1.7	83	.2	15	1.6	203	50	44
6225043	6255169	.67	217	1.8	2.0	.29	.25	7	45	680	17	94	104	.60	20.5	22.1	.5	7.0	60	.6	.6	11.8	2751	2.5	129	.2	19	2.0	140	50	71
6225044	6255170	.63	258	.2	2.0	.28	.25	6	45	936	15	71	80	.60	16.7	17.4	.5	5.4	56	.3	.6	8.8	2233	2.1	101	.2	14	1.5	145	50	54
6225045	6255171	.84	617	4.3	5.0	.50	.45	9	73	1680	17	94	108	.30	23.1	23.0	.5	8.5	71	.6	1.0	12.2	2924	3.5	128	.2	22	2.1	194	220	71
6225046	6255172	.79	413	1.1	1.0	.42	.36	8	57	1964	16	96	98	.40	21.7	21.0	.5	6.7	57	.5	.8	10.6	2810	2.3	129	.2	18	1.8	156	50	63
6225047	6255173	.89	1515	3.5	4.0	.52	.47	11	100	1865	20	98	115	.40	25.5	25.7	.5	8.2	68	.5	1.0	13.0	2994	2.9	139	.2	23	2.4	209	50	80
6225048	6255174	.89	2084	3.6	3.0	.51	.43	11	89	2403	20	93	100	.50	27.4	26.8	.5	9.3	68	.5	1.0	12.1	3040	3.1	150	.2	27	2.9	229	50	77
6225049	6255175	.96	735	3.7	3.0	.50	.42	9	70	1866	13	86	103	.50	25.1	26.0	.5	6.8	65	.6	.9	10.4	3073	2.9	150	.2	21	2.3	233	50	71
6225051	6255176	.16	110	.2	1.0	.09	.08	2	5	577	7	16	19	.02	5.0	5.1	.5	2.0	21	.1	.2	2.6	540	.6	28	.2	6	.7	30	50	14
6225052	6255177	.57	319	.2	.5	.29	.25	6	40	1180	7	45	50	.20	17.3	16.8	.5	5.7	37	.4	.8	5.6	1964	1.4	88	.2	18	1.9	142	50	37
6225053	6255178	.97	737	2.0	2.0	.45	.39	10	94	1989	10	100	116	.50	28.2	27.8	.5	6.3	64	.6	.7	10.4	3269	2.4	169	.2	22	2.5	263	50	74
6225054	6255179	.92	508	1.3	2.0	.32	.27	8	83	2101	10	89	94	.50	25.6	24.1	.5	4.8	50	.5	.8	7.6	2640	2.0	161	.2	18	2.1	216	190	61
6225055	6255180	.69	251	.2	.5	.31	.27	4	56	934	4	57	58	.20	18.1	17.6	.5	5.8	41	.3	.6	5.4	1920	1.7	86	.2	17	1.8	190	50	39
6225056	6255181	.69	441	.2	.5	.35	.31	6	54	1086	4	51	53	.10	18.5	18.1	.5	5.4	42	.2	.8	4.9	2065	1.4	98	.2	19	2.2	199	50	38
6225057	6255182	.45	247	.2	.5	.16	.12	3	36	1028	5	37	37	.20	19.1	18.6	.5	4.7	30	.3	.6	4.3	1136	1.3	73	.2	18	1.8	142	50	31
6225058	6255183	1.08	895	3.7	4.0	.61	.54	9	70	1590	8	82	81	.30	24.9	24.6	.5	5.6	66	.5	.7	8.1	3362	2.1	149	.2	19	2.3	151	50	64
6225059	6255184	1.14	493	.2	1.0	.64	.54	8	77	1301	6	84	90	.30	27.8	27.1	.5	5.8	76	.7	.8	8.4	3488	1.9	161	.2	20	2.2	157	250	71
6225061	6255185	.55	226	.2	.5	.27	.25	4	36	386	3	41	41	.10	12.7	15.3	.5	3.7	38	.3	.2	3.9	1557	1.2	67	.2	13	.6	147	50	31
6225062	6255186	.79	1387	3.0	3.0	.26	.21	7	93	2023	8	66	69	.40	30.8	30.7	.5	7.8	45	.4	1.0	7.5	1961	2.5	134	.2	28	3.2	234	50	57
6225063	6255187	1.25	981	4.8	5.0	.72	.65	9	95	1339	18	74	79	.40	30.5	30.6	.5	7.0	75	.6	1.0	8.3	3442	2.2	164	.2	26	3.0	280	50	67
6225064	6255188	1.58	856	1.9	3.0	.95	.89	10	99	735	14	84	90	.50	27.2	27.7	.5	6.0	95	.9	.8	8.8	4140	2.3	180	.2	22	2.5	213	50	71
6225065	6255189	.91	821	5.8	5.0	.43	.35	8	80	2337	17	70	72	.40	31.6	30.8	.5	6.9	67	.4	.9	7.5	2475	2.5	153	.2	25	2.6	232	50	57
6225066	6255190	.63	881	.2	1.0	.30	.25	6	131	297	10	52	58	.02	13.2	12.9	.5	5.7	45	.3	.8	5.3	1595	5.0	68	.2	23	2.0	353	50	37
6225067	6255191	.09	72	14.0	12.0	.02	.03	1	7	234	3	2	1	1.20	4.2	4.4	.5	6.8	64	.1	.5	.9	75	3.6	4	.2	25	2.4	273	50	15
6225068	6255192	1.64	672	2.2	3.0	.79	.68	12	94	466	10	110	116	1.10	26.2	24.5	.5	7.3	93	1.0	1.0	10.4	4314	4.6	183	1.0	25	2.8	191	50	87
6225069	6255193	.12	102	.2	.5	.02	.02	1	3	332	1	2	1	.02	.9	1.0	.5	.3	14	.1	.2	.2	67	.1	2	.2	1	.2	25	120	2
6225071	6255194	.57	289	.2	.5	.25	.20	5	71	305	6	61	64	.02	13.4	12.8	.5	5.3	37	.3	.7	4.9	1474	2.8	61	.2	18	1.4	201	50	33
6225072	6255195	1.11	895	.2	.5	2.10	2.03	8	50	554	17	39	44	.30	20.9	22.2	.5	4.2	68	.5	.6	4.2	4676	3.5	162	.2	19	1.8	148	50	51
6225073	6255196	.95	544	.2	.5	.47	.45	7	73	388	7	76	83	.10	16.4	18.8	.5	6.6	58	.4	.9	7.3	2803	2.9	108	.2	22	1.3	212	50	54
6225074	6255197	.87	971	.2	.5	.65	.56	6	55	412	6	61	63	.10	19.8	19.4	.5	4.4	58	.3	.6	5.1	2551	1.6	109	.2	18	2.1	229	50	48
6225075	6255198	.67	785	.2	.5	.41	.37	4	34	376	8	50	50	.10	17.1	17.3	.5	3.6	51	.4	.5	4.0	1751	1.0	85	.2	16	1.3	155	50	35
6225076	6255199	.60	277	.2	1.0	.29	.27	4	33	1222	7	54	57	.20	13.4	14.1	.5	4.9	45	.4	.6	5.8	1880	1.4	84	.2	14	1.5	135	50	37
6225077	6255200	.76	384	1.5	2.0	.32	.26	6	49	1020	9	82	86	.40	19.6	18.8	.5	5.3	56	.3	.6	8.1	2300	2.2	116	.2	15	1.5	159	50	55
6225078	6255201	.44	223	1.1	2.0	.23	.19	4	29	866	7	51	44	.30	12.6	13.0	.5	4.9	40	.4	.2	5.2	1545	1.3	76	.2	14	.2	115	50	35
	6275202																														
	6275203																														
6225082	6255204	.30	129	.2	.5	.14	.12	3	38	279	6	36	37	.02	10.0	10.4	.5	9.3	38	.2	1.0	5.5	793	1.3	34	.2	28	1.6	122	50	47
	6275205																														
6225084	6255206	.34	253	.2	.5	.15	.12	3	41	331	9	37	39	.20	8.0	8.1	.5	5.3	59	.3	.6	5.3	992	1.4	45	.2	15	1.1	101	50	35
6225085	6255207	.34	329	.2	.5	.19	.15	3	42	544	10	41	41	.20	10.8	10.2	.5	7.7	53	.3	.9	6.5	893	2.5	41	.2	24	2.3	121	50	46
6225086	6255208	.35	300	.2	.5	.19	.15	3	40	554	7	39	43	.10	10.8	10.2	.5	8.0	56	.3	.9	6.7	861	2.3	42	.2	24	1.9	117	50	43
6225087	6255209	.50	190	.2	.5	.22	.18	3	18	501	4	26	31	.50	10.3	10.5	.5	2.7	26	.3	.2	3.2	1209	1.5	69	.2	12	1.0	126	50	32
6225088	6255210	.81	399	1.4	1.0	.64	.56	6	68	584	8	74	76	.30	16.6	15.5	.5	6.9	85	.6	.9	8.8	1970	4.0	89	.2	23	1.8	142	220	65
6225089	6255211	.77	275	.2	.5	.68	.59	6	66	400	5	88	88	.20	17.6	16.1	.5	10.0	80	.6	1.2	10.2	1924	2.4	84	.2	26	2.5	169	50	65
6225091	6255212	.49	484	.2	.5	.22	.18	5	103	1152	6	42	45	.20	13.8	14.5	.5	6.6	35	.1	.9	6.2	1249	1.3	59	.2	20	1.7	285	220	40
6225092	6255213	.07	99	.2	.5	.02	.02	2	9	540	5	2	2	.02	1.3	1.3	.5	.7	12	.1	.2	.3	81	.1	4	.2	4	.2	22	50	4
6225093	6255214	.24	261	1.2	1.0	.09	.07	2	22	321	2	2	3	.02	3.5	3.5	.5	.8	60	.1	.2	.7	294	.3	12	.2	5	.2	90	50	9
6225094	6255215	.81	436	4.0	4.0	.50	.45	7	86	273	8	51	51	.20	16.2	16.4	.5	7.5	62	.5	1.0	6.1	2047	1.5	83	.2	22	2.1	199	50	41
6225095	6255216	.28	103	.2	.5	.15	.11	3	15	835	7	20	32	.30	11.0	11.3	.5	4.5	23	.1	.2	5.0	1088	1.2	52	.2	12	1.1	94	50	26
6225096	6255217	.51	222	1.1	.5	.23	.18	5	39	961	7	63	62	.30	14.5	14.3	.5	4.6	43	.3	.2	6.3	1859	1.3	81	.2	12	1.3	144	50	40
6225097	6255218	.97	765	1.6	2.0	.51	.43	9	78	1529	13	98	102	.50	26.1	24.2	.5	8.1	57	.5	.9	10.6	3116	2.6	140	.2	24	2.7	245	50	60
6225098	6255219	1.25	1069	2.7	2.0	.64	.55	11	105	1193	10	120	129	.60	29.3	28.7	.5	7.4	79	.6	1.0	11.5	4195	2.7	165	.2	24	2.5	268	50	79
6225099	6255220	.68	235	1.2	1.0	.30	.24	6	53	801	9	80	84	.40	18.1	17.4	.5	4.4	50	.3	.6	7.3	2361	1.7	115	.2	13	1.2	152	50	48
6225101	6255221	.47	278	.2	.5	.18	.16	5	73	413	6	33	35	.20	14.2	14.6	.5	6.6	32	.2	.8	4.0	1172	1.8	48	.2	21	1.4	236	50	31
6225102	6255222	.40	22345	1.2	.5	.15	.12	5	212	793	10	10	18	.40	16.8	17.7	.5	7.0	26	.1	1.0	2.9	832	1.4	52	.2	23	1.9	570	50	27
6225103	6255223	1.27	755	.2	.5	.52	.40	12	82	1603	11	82	75	.70	22.1	21.9	.5	4.9	49	.6	.8	6.7	3540	2.2	158	.2	21	1.8	187	50	73
6225104	6255224	.94	664	1.7	.5	.76	.66	8	48	508	5	33	35	.30	12.8	13.2	.5	3.8	91	.4	.5	3.4	2775	3.1	87	.2	18	1.4	132	50	48
	6275225																														
6225106	6255226	.15	348	.2	1.0	.02	.03	1	14	490	1	2	1	.10	3.0	3.4	.5	3.0	37	.1	.2	.8	129	.4	5	.2	14	1.3	114	50	6
	6275227																														
6225108	6255228	.92	458	1.0	1.0	.44	.38	7	92	938	11	47	50	.50	21.9	21.9	.5	6.3	47	.5	.9	6.1	2645	1.7	122	.2	25	2.3	211	50	49
6225109	6255229	.89	451	1.4	.5	.52	.43	7	86	873	11	49	45	.40	22.3	21.2	.5	6.4	49	.4	.9	5.8	2657	1.7	115	.2	24	2.4	207	50	48
6225111	6255230	.34	136	1.3	2.0	.24	.17	5	18	677	6	23	23	.30	9.2	8.1	.5	2.3	25	.3	.2	2.6	1316	1.2	53	.2	10	1.1	37	50	28
6225112	6255231	1.81	672	3.2	2.0	1.50	1.25	14	83	440	8	68	65	.80	24.1	22.4	.5	4.9	134	.8	.7	6.4	5128	2.4	183	1.0	20	2.1	116	180	78
6225113	6255232	.12	136	.2	.5	.02	.03	1	9	347	3	2	1	.02	4.8	5.3	.5	1.4	12	.1	.2	.7	290	.4	13	.2	8	.2	183	50	6
6225114	6255233	.73	395	2.3	1.0	.37	.29	5	69	876	4	18	14	.20	13.9	13.0	.5	3.7	45	.3	.2	2.1	1932	1.3	73	.2	19	1.9	165	50	27

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225115	6255234	.35	268	.2	.5	.09	.06	3	41	806	4	12	9	.30	7.0	6.6	.5	2.9	24	.2	.2	1.6	855	.8	43	.2	13	1.4	120	50	16
6225116	6255235	.91	979	1.5	1.0	.82	.58	9	45	758	8	41	32	.40	16.9	13.6	.5	3.6	67	.5	.2	3.9	2899	1.8	100	.2	14	2.0	128	50	49
6225117	6255236	.90	513	.2	1.0	.44	.34	8	69	831	7	39	47	.40	16.1	15.6	.5	4.3	46	.4	.6	5.2	2549	1.8	95	.2	17	1.8	191	50	50
6225118	6255237	.74	567	2.6	2.0	.32	.27	6	73	1515	5	17	26	.60	13.9	15.5	.5	7.2	34	.4	1.0	3.2	2041	2.1	100	.2	28	2.1	231	50	36
6225119	6255238	1.90	845	8.4	7.0	1.40	1.24	10	109	759	4	41	39	.60	25.2	25.0	.5	5.1	136	.7	.9	4.3	4649	2.4	194	.2	24	2.4	164	200	56
6225121	6255239	.55	253	.2	.5	.14	.12	4	42	810	3	15	19	.40	10.2	10.4	2.0	2.6	33	.1	.2	1.9	1453	1.3	76	.2	13	1.3	135	50	23
6225122	6255240	.60	323	1.1	2.0	.25	.22	5	55	974	4	21	22	.40	12.2	11.8	.5	6.2	41	.1	.7	2.7	1780	1.9	74	.2	24	2.2	177	50	30
6225123	6255241	.45	217	.2	.5	.19	.16	3	22	374	3	9	11	.10	6.9	7.3	.5	1.8	28	.3	.2	1.2	972	.6	40	.2	8	.2	155	50	15
6225124	6255242	1.17	9748	8.2	6.0	.62	.52	13	153	3528	12	45	45	.90	22.2	21.1	.5	6.5	71	.4	1.0	5.4	2741	3.3	132	.2	29	3.0	290	50	62
6225125	6255243	.12	81	.2	.5	.02	.02	1	8	318	2	2	1	.02	.9	.9	.5	.2	26	.1	.2	.2	59	.1	2	.2	1	.2	46	50	2
6225126	6255244	.95	522	.2	.5	.78	.68	7	49	491	4	47	55	.20	14.1	13.3	.5	3.4	94	.7	.2	5.3	2792	1.7	97	.2	12	1.3	106	50	45
6225127	6255245	.24	93	.2	.5	.09	.05	3	39	267	4	28	22	.10	7.4	7.4	.5	7.7	31	.3	.9	3.7	380	1.4	26	1.0	18	.2	96	50	17
6225128	6255246	.42	424	11.0	9.0	.18	.13	8	74	285	8	42	36	.20	11.9	10.8	.5	8.4	59	.1	1.0	4.8	967	1.9	40	.2	23	1.7	118	50	43
6225129	6255247	.50	533	2.0	2.0	.30	.28	6	89	1045	9	42	40	.30	12.7	14.6	.5	10.0	64	.3	1.3	7.2	1449	3.5	60	.2	39	2.7	211	50	54
6225131	6255248	1.06	1661	4.1	2.0	.46	.42	10	111	1486	9	76	83	1.00	21.6	22.5	.5	6.3	60	.5	.9	9.2	2578	4.0	157	.2	29	2.8	366	50	86
6225132	6255249	.98	1258	3.2	2.0	.44	.40	10	90	1390	8	77	82	1.00	19.6	20.5	.5	5.7	50	.5	.8	8.2	2475	3.3	144	.2	25	2.4	341	220	78
6225133	6255250	.21	34626	4.6	4.0	.07	.06	4	144	450	9	15	14	.30	1.8	2.4	.5	2.2	19	.1	.2	1.5	235	5.3	26	.2	17	.2	177	50	22
6225134	6255251	.41	1041	3.5	.5	.18	.15	12	64	1222	10	41	40	.70	6.2	6.8	3.0	4.7	26	.4	.6	4.5	742	12.0	73	.2	25	1.8	173	50	53
6225135	6255252	.80	2689	6.3	4.0	.33	.27	14	66	1302	10	110	112	2.30	13.1	13.1	.5	7.3	40	.7	.9	10.0	2040	6.3	260	1.0	31	2.7	312	190	109
6225136	6255253	.86	1222	7.1	6.0	.62	.56	12	78	1356	12	77	81	1.20	14.9	15.2	.5	6.2	65	.7	.7	8.5	2495	7.0	134	.2	27	2.4	173	50	89
6225137	6255254	.58	480	2.5	2.0	.41	.37	7	59	863	6	47	42	.60	11.7	12.0	.5	5.7	50	.3	.8	6.4	1615	2.9	77	.2	25	1.8	199	50	57
6225138	6255255	1.45	3350	4.0	2.0	.84	.76	14	72	614	11	110	111	1.80	18.0	17.6	.5	5.7	82	1.0	.8	10.4	3612	4.7	184	1.0	21	2.1	147	50	103
6225139	6255256	.58	492	1.7	1.0	.32	.27	6	46	1189	6	41	39	.50	12.7	12.5	.5	4.3	38	.4	.6	5.5	1591	2.6	88	.2	20	2.0	163	50	52
6225141	6255257	1.02	3099	5.3	3.0	.62	.59	13	105	2035	14	65	73	1.20	17.0	20.0	.5	6.6	63	.6	.9	8.8	2523	4.1	147	.2	30	2.0	283	50	92
6225142	6255258	.83	446	1.4	1.0	.33	.29	8	62	779	6	71	69	.80	15.9	16.5	.5	4.7	42	.4	.7	7.1	2063	2.9	120	.2	21	2.1	247	50	69
6225143	6255259	.24	262	.6	.5	.14	.15	3	27	464	4	11	13	.02	3.2	4.0	.5	1.2	40	.1	.2	1.5	569	.4	22	.2	6	.2	125	50	15
6225144	6255260	.56	429	.2	.5	.45	.45	5	24	577	4	24	30	.20	8.4	9.0	.5	2.1	72	.3	.2	3.1	1693	.9	60	.2	9	1.2	69	50	29
6225145	6255261	.40	163	.2	.5	.17	.15	5	48	454	4	16	11	.20	10.3	11.0	.5	5.6	23	.1	.8	1.9	1096	3.9	50	.2	17	1.7	327	50	20
6225146	6255262	.62	341	1.2	.5	.18	.16	5	53	1091	3	19	21	.50	15.3	15.2	.5	3.9	33	.1	.5	2.7	1541	1.5	85	.2	19	2.2	133	50	28
6225147	6255263	.41	237	.2	2.0	.11	.09	4	28	777	3	18	23	.60	7.9	8.6	.5	2.6	22	.1	.2	2.3	1477	1.7	74	.2	11	.9	107	50	26
6225148	6255264	1.09	742	3.4	3.0	.67	.63	7	72	955	4	23	27	.30	17.2	18.1	.5	4.6	81	.4	.9	2.9	2854	1.6	122	.2	24	2.3	186	50	36
6225149	6255265	.91	476	3.5	3.0	.40	.36	6	70	953	4	25	25	.40	16.1	16.4	.5	5.9	69	.1	.7	3.0	2223	1.7	93	.2	29	2.1	196	50	34
6225151	6255266	1.04	608	3.0	2.0	.47	.40	8	80	1237	4	35	50	.30	16.9	17.6	.5	6.0	49	.6	.8	4.6	2831	2.0	117	1.0	25	2.0	230	50	49
6225152	6255267	1.34	750	3.7	3.0	.79	.75	9	85	1492	3	32	34	.50	20.5	23.5	.5	5.4	88	.5	.8	3.4	3408	1.8	158	.2	26	2.1	176	50	45
6225153	6255268	1.27	544	1.4	.5	.89	.77	7	73	480	2	24	26	.30	20.3	20.4	.5	5.8	92	.6	.8	3.6	3357	1.6	130	.2	26	2.5	158	50	42
6225154	6255269	.40	469	.2	.5	.08	.07	4	45	506	4	10	9	.30	8.0	9.3	.5	4.2	22	.1	.6	1.3	1162	1.1	51	.2	20	1.7	154	50	18
6225155	6255270	.79	557	1.9	2.0	.56	.50	6	66	610	3	26	27	.40	14.8	15.4	.5	5.4	66	.3	.8	3.8	2112	1.9	89	.2	27	1.9	169	50	40
6225156	6255271	.69	398	2.0	2.0	.29	.26	6	48	940	5	28	37	.70	12.3	13.5	.5	3.6	33	.4	.2	3.8	2271	2.0	102	.2	15	1.4	155	50	42
6225157	6255272	.63	411	2.6	1.0	.22	.19	7	53	1239	5	32	33	.80	12.4	13.4	.5	3.2	27	.2	.5	3.5	2178	2.0	107	.2	14	2.0	158	50	41
6225158	6255273	.05	54	3.8	5.0	.02	.02	2	7	659	4	2	1	.20	1.4	1.7	.5	.8	9	.1	.2	.7	140	.2	16	.2	4	.2	24	50	6
6225159	6255274	.85	695	4.8	4.0	.66	.57	7	65	1175	4	26	34	.40	14.8	14.3	.5	4.2	80	.3	.6	4.5	2338	1.7	101	1.0	19	2.2	157	50	46
6225161	6255275	.62	388	1.5	1.0	.45	.38	5	53	634	4	23	25	.30	11.3	11.1	.5	3.3	57	.4	.2	3.1	1772	1.6	76	.2	17	1.6	120	230	34
6225162	6255276	1.52	883	2.5	1.0	1.40	1.29	14	69	407	8	63	67	1.20	23.7	23.4	.5	4.5	139	1.0	.8	6.2	4952	2.5	195	1.0	18	2.4	103	190	74
6225163	6255277	.91	434	1.6	1.0	.54	.49	7	58	1309	3	35	34	.50	14.3	15.2	.5	3.9	60	.4	.5	3.7	2672	1.8	107	.2	18	1.9	153	50	43
6225164	6255278	.67	434	1.6	1.0	.36	.29	5	50	777	4	21	25	.50	12.5	12.4	.5	3.7	44	.3	.2	2.7	2248	1.8	89	.2	17	1.6	160	50	33
6225165	6255279	.67	1069	4.9	4.0	.37	.32	7	94	1821	4	23	22	.70	16.2	17.1	.5	5.3	42	.3	.8	3.4	2059	1.9	101	.2	26	2.4	222	50	38
6225166	6255280	.41	281	.7	.5	.14	.13	4	24	353	4	17	15	.20	8.0	8.9	.5	4.9	34	.1	.7	2.0	1228	1.3	37	.2	19	1.1	119	50	22
6225167	6255281	.68	507	2.0	1.0	.13	.11	5	73	623	5	31	27	.90	14.2	15.1	.5	4.9	55	.2	.7	3.6	1558	2.6	87	.2	20	1.8	161	50	40
6225168	6255282	1.82	1348	1.3	.5	1.40	1.35	13	88	616	7	44	53	.60	23.6	24.2	.5	4.5	152	.8	.7	4.5	5265	1.6	189	1.0	20	2.3	150	160	69
6225169	6255283	.65	330	3.0	2.0	.16	.14	8	101	1399	7	33	36	.70	15.7	16.2	.5	6.5	25	.1	.8	3.9	1845	2.5	98	.2	25	2.2	495	50	45
6225171	6255284	1.08	592	4.0	2.0	.70	.61	8	70	2053	5	44	44	.50	21.0	20.0	.5	5.3	75	.5	.7	5.4	3118	2.4	131	.2	22	2.3	210	50	56
6225172	6255285	.76	318	1.1	1.0	.39	.33	6	76	1364	4	26	31	.40	16.5	15.8	.5	6.0	57	.3	.7	3.9	2166	1.8	87	.2	27	2.6	325	50	42
6225173	6255286	.06	79	.7	1.0	.02	.03	2	8	651	4	2	1	.02	1.7	1.7	.5	.7	10	.1	.2	.4	169	.3	9	.2	3	.2	19	50	5
6225174	6255287	.08	140	.2	.5	.02	.02	2	9	694	4	2	1	.02	1.8	1.9	.5	1.1	11	.1	.2	.7	98	.3	5	.2	6	.2	22	50	6
6225175	6255288	.14	119	1.6	2.0	.07	.06	2	13	898	4	9	8	.20	4.4	4.6	.5	2.4	13	.1	.2	2.1	466	.9	25	.2	10	.2	33	50	15
6225176	6255289	.77	260	1.0	.5	.86	.75	12	19	628	11	94	95	1.00	11.6	11.2	.5	5.0	87	.9	.6	8.7	3083	3.3	99	.2	18	1.8	145	50	98
6225177	6255290	.43	286	5.1	7.0	.47	.43	6	138	477	9	36	37	1.60	6.7	6.9	.5	10.0	71	.4	.9	4.7	1239	4.3	47	.2	37	3.1	3031	50	54
6225178	6255291	.07	136	.2	.5	.02	.01	1	6	449	2	2	1	.02	.8	.9	.5	.6	12	.1	.2	.5	67	.3	3	.2	3	.2	23	50	3
6225179	6255292	.62	389	.7	.5	.64	.58	6	27	487	5	25	25	.40	9.0	8.9	.5	2.2	83	.3	.2	2.9	1974	1.2	74	.2	10	1.1	60	50	33
6225181	6255293	.89	455	.6	.5	.65	.60	7	45	569	2	35	37	.30	14.2	14.6	.5	3.8	70	.6	.6	4.1	2749	1.7	98	.2	16	1.7	128	50	44
6225182	6255294	.97	420	.2	.5	.79	.71	7	43	374	3	36	37	.40	15.5	15.2	.5	3.9	88	.5	.6	4.1	2716	1.8	106	.2	17	1.7	130	50	45
6225183	6255295	.22	100	.2	.5	.08	.07	3	8	300	2	15	14	.40	4.3	5.0	.5	1.5	14	.1	.2	1.6	760	.8	34	.2	5	.9	56	50	15
6225184	6255296	.47	605	1.7	3.0	.24	.23	5	47	1571	4	17	22	.60	11.9	13.1	.5	5.6	32	.1	.7	3.2	1460	1.9	72	.2	24	1.8	271	50	31
6225185	6255297	.44	589	1.7	2.0	.22	.20	5	44	1465	3	16	19	.60	10.8	12.2	.5	5.1	29	.1	.8	3.2	1431	1.8	68	1.0	22	2.1	249	50	30
6225186	6255298	.88	311	.2	.5	.35	.33	6	43	729	4	33	32	.40	11.3	12.5	.5	3.7	40	.5	.2	2.7	2969	1.6	94	.2	14	.2	115	50	36
6225187	6255299	.62	492	1.9	1.0	.44	.39	6	59	886	5	25	29	.60	12.3	13.8	.5	5.1	53	.3	.8	4.3	1847	2.1	87	.2	24	2.1	186	50	42
6225188	6255300	.97	506	2.9	2.0	.64	.56	7	58	797	6	44	51	.50	16.1	15.8	.5	4.8	66	.5	.6	5.3	2809	2.2	118	.2	20	2.1	149	50	52
6225189	6255301	.61	457	2.3	2.0	.34	.29	5	43	1039	6	34	32	.50	12.3	12.0	.5	4.4	43	.2	.6	5.0	1683	1.9	87	.2	19	2.1	145	50	41

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225191	6255302	1.06	428	1.8	2.0	.83	.73	9	45	467	8	51	56	.50	16.5	15.6	.5	4.2	81	.7	.5	5.7	3419	2.2	126	.2	16	1.7	86	50	56
6225192	6255303	.66	777	4.4	4.0	.44	.39	6	71	1231	4	25	24	.80	16.8	17.3	.5	6.3	54	.3	.9	4.0	1861	2.5	98	.2	28	2.9	353	50	42
6225193	6255304	.26	125	6.4	8.0	.17	.14	3	10	799	7	18	12	.30	6.1	6.0	.5	1.5	19	.1	.2	1.9	991	1.2	47	.2	8	.2	36	50	19
6225194	6255305	.19	2505	3.6	.5	.02	.03	17	175	803	17	2	8	.30	2.0	3.7	.5	1.9	12	.1	.2	.2	26	1.9	1	.2	16	1.4	384	50	15
6225195	6255306	.28	260	.2	.5	.14	.13	5	40	443	2	12	12	.02	8.3	9.4	.5	12.7	30	.1	1.0	2.9	1018	1.4	30	.2	34	2.5	111	220	42
6225196	6255307	.47	314	1.8	1.0	.24	.22	5	60	1086	3	22	24	.40	8.5	8.9	.5	3.9	34	.1	.5	3.0	1222	2.1	57	.2	17	1.5	144	50	31
6225197	6255308	.74	367	1.0	.5	.41	.35	7	63	1278	4	41	43	.60	12.1	12.3	.5	4.0	44	.3	.6	4.1	2227	2.0	91	.2	17	1.7	158	50	47
6225198	6255309	.20	130	.2	.5	.09	.08	4	39	623	4	16	13	.20	4.9	6.2	.5	4.5	16	.1	.6	1.6	699	1.0	32	.2	15	.9	90	50	17
6225199	6255310	1.08	470	2.4	2.0	.85	.78	10	47	709	4	60	56	.40	14.2	14.3	.5	4.4	79	.7	.6	5.7	3259	2.2	119	.2	16	1.5	122	270	65
6225201	6255311	.40	236	.2	.5	.19	.17	4	28	831	3	14	16	.30	7.5	8.1	.5	4.2	30	.2	.2	3.1	1073	1.2	44	.2	17	1.5	93	140	29
6225202	6255312	.24	172	2.9	1.0	.14	.11	9	157	1071	48	14	14	.90	11.8	12.6	.5	4.4	14	.3	.6	8.1	614	11.6	175	.2	12	1.3	114	50	25
6225203	6255313	.22	113	.2	.5	.08	.08	3	23	434	3	7	12	.30	5.7	6.2	.5	3.7	20	.1	.5	2.1	755	1.3	28	.2	15	1.2	87	50	17
6225204	6255314	.21	159	.2	.5	.09	.07	11	81	379	12	13	14	.50	12.2	13.8	.5	6.3	9	.1	.6	2.2	511	3.3	27	.2	15	1.9	230	50	21
6225205	6255315	.40	180	.2	.5	.14	.13	4	30	787	5	26	31	.40	9.1	9.9	.5	6.1	27	.3	.8	3.8	1369	1.7	59	.2	22	2.6	96	50	36
6225206	6255316	.39	210	1.7	2.0	.14	.12	4	47	777	6	20	25	.40	9.0	9.8	.5	5.6	22	.3	.7	3.3	1288	1.8	60	.2	23	2.4	215	50	31
6225207	6255317	.47	225	.2	.5	.20	.18	5	49	718	7	37	29	.40	10.1	10.6	.5	5.7	28	.4	.7	3.5	1564	1.8	67	.2	24	2.0	201	50	36
6225208	6255318	.91	914	3.2	3.0	.54	.49	9	114	1567	7	44	46	.70	19.0	20.2	.5	10.0	55	.4	1.2	6.2	2740	2.8	119	.2	38	3.4	230	50	60
6225209	6255319	.88	494	5.0	4.0	.52	.45	10	108	455	5	23	21	.30	11.1	11.4	.5	6.3	53	.5	.8	2.7	3093	3.2	70	.2	26	1.7	141	50	44
6225211	6255320	1.05	28329	6.2	3.0	.56	.47	14	263	1265	12	24	29	.60	16.2	15.2	.5	8.5	43	.6	1.1	3.5	2802	5.3	86	.2	33	2.7	372	50	56
6225212	6255321	.13	155	.5	1.0	.10	.08	2	6	456	4	8	5	.30	2.7	2.6	.5	1.0	19	.1	.2	1.1	427	.6	22	.2	5	.2	25	50	9
6225213	6255322	.66	819	8.8	7.0	.50	.42	11	117	1431	10	38	43	.70	12.7	12.4	.5	3.4	45	.4	.5	4.2	1699	3.1	95	.2	21	2.1	941	50	55
6225214	6255323	.89	714	3.6	3.0	.64	.57	10	79	764	9	46	52	.80	16.3	15.6	.5	5.2	60	.5	.7	5.4	2403	4.2	124	.2	27	2.8	521	50	63
6225215	6255324	.58	186	3.7	3.0	.38	.34	6	20	618	5	42	47	.40	12.3	11.4	.5	2.9	39	.4	.2	4.5	2152	1.9	92	.2	11	1.1	58	50	42
6225216	6255325	.44	986	.6	.5	.22	.18	4	35	595	4	19	24	.20	10.0	9.1	.5	5.1	49	.1	.6	3.3	854	1.1	41	.2	26	2.5	180	50	31
6225217	6255326	.93	414	2.8	2.0	.67	.54	8	56	1235	8	63	64	.60	17.5	15.2	.5	4.7	56	.6	.7	6.7	2579	2.4	123	2.0	19	2.2	158	200	60
6225218	6255327	.57	330	2.0	2.0	.42	.34	6	21	635	7	38	41	.50	10.1	9.1	.5	2.7	39	.4	.2	4.1	1718	2.4	85	.2	11	1.3	72	50	44
6225219	6255328	.19	273	2.3	2.0	.08	.07	3	15	769	5	7	10	.20	3.6	3.5	.5	1.7	19	.1	.2	1.7	388	2.2	20	.2	10	.2	61	50	16
6225221	6255329	.96	382	2.9	3.0	.90	.82	9	42	470	6	61	66	.80	12.4	13.0	.5	4.0	90	.7	.6	5.9	2880	2.6	124	.2	16	1.4	115	50	65
6225222	6255330	.07	105	.2	.5	.02	.02	2	11	716	1	6	4	.20	3.4	3.6	.5	2.3	13	.1	.2	1.5	173	.7	17	.2	11	.9	72	50	12
6225223	6255331	.89	1139	3.8	3.0	.66	.59	14	63	866	15	97	107	1.80	13.7	14.2	.5	6.0	72	1.0	.8	10.0	2700	5.7	172	.2	26	2.2	193	50	105
6225224	6255332	.38	313	.2	.5	.27	.24	4	18	457	9	29	32	.40	5.5	5.7	.5	4.9	57	.3	.6	3.6	861	4.2	39	.2	25	1.8	256	50	39
6225225	6255333	.18	93	.9	2.0	.07	.06	2	12	299	2	9	13	.10	2.3	2.5	4.0	3.1	51	.1	.2	1.3	224	2.2	14	.2	14	.9	58	50	17
6225226	6255334	.17	76	1.3	2.0	.08	.06	2	11	291	2	12	12	.20	2.2	2.5	3.0	3.1	49	.1	.2	1.3	211	2.1	14	.2	14	.7	54	50	17
6225227	6255335	.39	4715	1.4	.5	.17	.14	10	70	551	9	33	35	.50	6.4	7.0	.5	3.9	31	.4	.6	4.5	684	3.7	62	.2	21	1.6	174	50	53
6225228	6255336	.28	368	4.1	4.0	.11	.09	3	36	1065	2	10	12	.50	6.1	6.2	.5	3.9	44	.1	.6	3.2	510	2.3	39	.2	20	1.6	211	50	32
6225229	6255337	1.07	516	2.4	1.0	1.20	1.01	9	50	394	5	63	68	.70	15.4	14.5	.5	4.0	105	.6	.6	6.2	3003	2.9	137	.2	16	1.9	129	50	73
6225231	6255338	.56	316	.8	1.0	.37	.34	5	33	1202	3	40	39	.50	9.3	10.0	.5	4.3	44	.5	.5	4.7	1511	2.0	76	.2	17	1.3	136	50	42
6225232	6255339	.56	347	.2	.5	.43	.38	5	39	650	3	33	33	.30	10.0	10.5	.5	4.2	48	.4	.6	3.8	1572	1.4	64	.2	18	1.1	156	50	38
6225233	6255340	.75	437	1.5	1.0	.61	.56	7	49	781	5	35	41	.30	11.1	12.2	.5	4.3	72	.4	.5	4.9	2115	1.6	84	.2	17	1.5	148	230	48
6225234	6255341	.60	468	.2	.5	.37	.32	7	71	668	6	43	36	.30	12.5	12.8	.5	5.4	43	.4	.7	5.4	1557	2.1	70	.2	23	2.0	292	50	47
6225235	6255342	.32	154	.9	1.0	.14	.12	4	31	1225	6	21	23	.30	10.0	9.8	.5	3.7	23	.1	.5	3.3	926	1.5	59	.2	17	1.6	167	50	28
6225236	6255343	.63	228	4.0	3.0	.60	.50	6	28	625	5	41	44	.30	12.8	11.4	.5	3.4	61	.5	.2	4.5	2236	1.6	94	.2	14	1.5	67	50	43
6225237	6255344	.12	1059	.2	.5	.05	.04	2	25	227	2	2	1	.02	1.4	1.8	.5	.8	40	.1	.2	.7	151	.3	6	.2	4	.2	86	50	8
6225238	6255345	.21	3435	19.0	13.0	.02	.04	17	240	1639	13	2	8	.80	4.0	4.8	.5	3.0	22	.1	.5	1.1	167	4.0	38	.2	23	2.2	1757	50	19
6225239	6255346	.41	957	5.1	4.0	.28	.24	10	157	1054	10	20	26	.50	7.3	7.4	.5	3.0	43	.1	.2	2.7	814	2.7	46	.2	20	2.1	1043	50	39
6225241	6255347	.40	655	1.9	1.0	.28	.25	4	31	1116	5	22	20	.20	6.3	6.8	.5	2.6	56	.3	.2	2.5	1114	1.2	48	.2	14	.9	158	50	28
6225242	6255348	.79	771	6.4	6.0	.77	.67	9	133	739	4	42	39	.60	16.4	16.3	.5	7.2	87	.4	.9	5.0	2422	4.0	109	.2	37	3.7	754	50	60
6225243	6255349	.10	67	4.1	5.0	.18	.16	1	8	525	6	10	9	.10	3.4	3.3	.5	.9	21	.1	.2	1.3	706	.6	22	.2	4	.2	20	50	13
6225244	6255350	.34	213	.8	1.0	.15	.12	5	42	443	3	16	10	.40	6.9	7.1	.5	5.5	26	.4	.7	2.1	1268	1.4	38	.2	17	1.4	184	50	32
6225245	6255351	.63	25890	7.4	3.0	.35	.31	14	621	581	16	26	23	.90	13.0	13.4	.5	6.9	50	.3	1.0	2.6	1291	7.1	59	.2	38	3.5	1101	50	38
6225246	6255352	.50	441	2.4	2.0	.31	.23	6	90	929	9	34	33	.50	11.0	10.7	.5	8.4	28	.3	1.0	4.8	1628	4.6	72	.2	29	2.3	319	50	45
6225247	6255353	.34	126	.2	1.0	.22	.18	6	39	513	7	27	25	.40	9.1	9.3	.5	3.5	19	.2	.2	3.9	1233	3.3	59	.2	9	1.4	105	50	34
6225248	6255354	.25	255	4.4	.5	.12	.12	22	70	912	43	10	13	1.10	10.0	10.3	.5	3.3	13	.1	.2	5.0	539	6.6	101	.2	7	.9	86	50	31
6225249	6255355	.66	301	.7	.5	.34	.32	5	32	1693	3	22	21	.40	10.0	9.8	.5	3.2	54	.3	.2	3.2	1810	1.4	65	.2	13	1.2	104	50	34
6225251	6255356	.59	295	1.3	3.0	.30	.28	3	25	1019	2	23	20	.40	8.2	8.5	.5	3.1	50	.3	.2	2.8	1539	1.4	56	.2	12	.2	95	50	29
6225252	6255357	.11	123	.2	2.0	.02	.03	2	14	328	1	2	1	.20	2.4	2.7	5.0	.8	12	.1	.2	1.0	277	.4	12	.2	4	.2	61	50	9
6225253	6255358	1.62	3895	5.5	2.0	.64	.55	19	173	1219	18	37	38	1.80	20.0	18.8	.5	5.6	52	.8	.7	4.8	4034	4.0	141	.2	22	1.9	149	240	66
6225254	6255359	.13	167	1.3	.5	.06	.03	10	77	450	33	2	6	2.70	10.5	10.9	.5	6.8	8	.1	.8	2.9	265	4.9	31	.2	16	1.7	305	50	20
6225255	6255360	.15	165	.2	2.0	.11	.06	4	131	467	2	9	8	.30	11.9	11.7	.5	14.7	13	.1	1.6	2.0	286	3.7	18	.2	53	4.6	547	50	17
6225256	6255361	.43	242	1.0	2.0	.19	.16	6	71	748	7	46	46	.70	11.2	12.4	.5	7.6	17	.2	1.0	5.8	1077	2.4	71	.2	31	2.4	201	50	47
6225257	6255362	.34	132	1.5	.5	.17	.14	5	38	698	5	22	21	.50	10.0	10.0	.5	4.5	21	.1	.2	3.2	1176	2.1	58	.2	16	1.5	159	50	29
6225258	6255363	.58	244	1.5	2.0	.19	.17	5	45	1199	5	37	38	.80	11.6	12.5	.5	4.5	25	.5	.6	3.9	1707	2.2	91	.2	18	1.8	247	50	40
6225259	6255364	.18	340	1.1	1.0	.11	.08	6	28	575	7	14	11	.60	6.2	6.8	.5	4.5	11	.1	.7	1.9	535	5.2	33	.2	18	1.8	89	50	20
6225261	6255365	.53	262	1.6	2.0	.24	.20	4	33	975	6	46	45	.60	14.1	13.7	.5	4.4	35	.1	.6	5.4	1504	2.5	80	.2	18	1.5	141	50	47
6225262	6255366	.90	399	2.0	2.0	.60	.51	8	45	1503	7	68	72	.70	18.0	16.7	.5	4.7	55	.6	.5	7.2	2672	2.6	124	.2	18	1.9	149	50	64
6225263	6255367	.80	2624	1.3	.5	.79	.73	11	88	886	7	45	47	.40	14.7	14.4	.5	5.1	88	.3	.6	5.2	2327	2.2	92	.2	20	2.4	363	50	55
6225264	6255368	.46	433	.8	.5	.41	.37	3	16	446	4	25	26	.20	8.8	8.8	.5	3.0	49	.2	.2	3.2	1319	1.4	53	.2	13	1.3	97	50	31
6225265	6255369	.74	640	3.3	3.0	.59	.47	7	51	1897	7	55	53	.70	15.4	14.3	.5	6.3	56	.6	.9	6.9	1867	3.4	102	.2	27	2.6	186	50	63

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225266	6255370	.05	161	1.2	3.0	.02	.02	1	5	708	4	2	1	.02	.7	.8	.5	.6	10	.1	.2	.3	84	.3	5	.2	3	.2	18	50	5
6225267	6255371	.11	167	2.8	4.0	.02	.03	1	4	643	7	2	1	.20	1.1	1.2	.5	.4	14	.1	.2	.5	141	1.2	9	.2	2	.2	24	50	5
6225268	6255372	.08	131	.2	1.0	.02	.02	1	5	288	1	5	1	.20	1.1	1.2	.5	1.6	49	.1	.2	1.0	114	.8	8	.2	7	1.0	66	50	9
6225269	6255373	.56	243	2.4	2.0	.56	.52	6	33	608	8	52	55	1.20	7.4	7.7	.5	4.7	70	.4	.6	5.0	1614	3.8	101	.2	22	2.0	224	50	60
6225271	6255374	.13	78	.2	3.0	.07	.07	2	10	1229	5	9	12	.60	2.6	3.2	.5	3.0	30	.1	.2	2.4	396	1.4	27	.2	14	.2	349	50	24
6225272	6255375	.24	137	.8	2.0	.13	.12	3	28	423	9	16	17	.70	3.4	3.7	.5	6.7	48	.1	.6	2.8	519	3.2	24	.2	25	1.9	402	50	35
6225273	6255376	1.06	835	8.4	7.0	.91	.91	16	70	472	15	110	107	1.80	13.7	14.4	.5	6.0	102	1.1	.8	10.4	3545	6.3	140	.2	23	2.2	306	170	110
6225274	6255377	.97	397	2.3	2.0	.82	.78	14	76	446	16	97	102	1.50	13.0	13.3	.5	7.0	95	.9	.8	10.0	3125	5.0	124	.2	26	2.5	589	220	104
6225275	6255378	.30	144	.2	1.0	.22	.21	3	19	836	12	21	25	.70	4.7	5.2	.5	8.1	44	.2	.9	3.3	754	2.1	33	.2	26	1.8	312	50	42
6225276	6255379	.37	595	1.1	.5	.20	.18	4	22	792	6	29	32	.60	5.7	6.0	.5	5.0	35	.2	.5	3.8	846	2.9	45	.2	22	1.6	152	50	41
6225277	6255380	.82	1073	4.5	4.0	.54	.49	10	46	1655	15	82	90	1.50	11.9	12.3	.5	6.7	63	.7	.8	7.7	2128	6.6	150	.2	30	2.6	241	50	91
6225278	6255381	.69	375	.8	.5	.84	.82	10	19	310	7	63	68	.70	8.5	9.3	.5	4.2	108	.7	.2	6.0	2441	2.9	91	.2	16	1.4	94	50	76
6225279	6255382	.30	230	.2	.5	.16	.15	3	11	476	4	25	25	.60	4.5	5.6	.5	6.5	50	.1	.8	3.5	829	2.7	40	.2	23	1.5	142	50	36
6225281	6255383	.50	456	1.4	2.0	.30	.27	4	38	539	7	29	31	.30	7.6	7.8	.5	4.8	51	.3	.6	3.8	997	2.6	50	.2	27	2.1	166	50	45
6225282	6255384	.36	313	.7	.5	.16	.13	3	14	415	5	30	26	.30	6.5	6.5	.5	3.5	27	.2	.6	3.4	823	2.6	45	.2	17	1.6	100	50	38
6225283	6255385	.59	630	5.8	5.0	.44	.40	7	50	779	7	39	37	.70	7.7	8.0	.5	2.7	55	.3	.2	3.5	1492	2.8	75	.2	13	1.2	202	50	47
6225284	6255386	.97	901	.7	.5	1.30	1.27	9	40	414	4	50	58	.50	13.8	14.6	.5	4.8	154	.8	.6	5.8	3315	2.4	114	.2	18	1.9	131	50	65
6225285	6255387	.51	312	3.4	3.0	.21	.18	6	52	1310	4	42	51	.70	13.0	13.3	.5	4.9	35	.2	.7	5.9	1427	2.6	84	.2	21	1.9	169	50	51
6225286	6255388	.47	292	.2	1.0	.27	.25	4	26	970	4	29	34	.50	8.5	9.0	.5	3.6	38	.1	.2	4.3	1325	2.1	66	.2	15	1.0	123	50	40
6225287	6255389	.58	316	.2	.5	.24	.23	5	30	878	4	43	47	.70	10.1	11.0	.5	3.4	34	.3	.2	4.6	1624	1.9	85	.2	14	.8	157	50	45
6225288	6255390	.80	629	.2	.5	1.10	1.10	7	30	360	3	43	45	.30	11.9	13.0	.5	4.3	126	.4	.6	4.7	2710	1.4	96	.2	14	1.4	100	190	52
6225289	6255391	.38	229	.2	.5	.23	.22	3	23	239	3	24	24	.20	6.1	7.3	.5	3.4	34	.2	.2	3.0	947	1.3	39	.2	16	.9	64	50	30
	6275392																														
6225292	6255393	.47	254	1.4	2.0	.24	.23	4	33	971	6	33	37	.30	11.3	12.1	.5	4.9	37	.1	.8	5.0	1406	2.1	67	.2	21	1.4	132	50	45
6225293	6255394	.52	271	.9	2.0	.26	.27	5	33	808	5	33	34	.30	9.5	10.4	.5	4.2	39	.2	.6	4.2	1377	1.5	61	.2	20	1.7	161	50	42
6225294	6255395	.59	303	1.3	2.0	.21	.19	6	50	1356	5	38	38	.50	16.3	17.0	.5	7.0	27	.1	1.0	5.3	1567	2.2	90	.2	28	2.5	417	50	49
6225295	6255396	.24	306	2.9	3.0	.09	.08	2	24	1077	2	16	8	.30	7.1	7.0	.5	3.7	29	.1	.5	2.8	607	1.5	38	.2	18	1.4	156	50	23
6225296	6255397	.74	11333	7.3	5.0	.34	.31	10	114	4178	10	39	37	.70	16.5	16.8	.5	10.0	155	.3	1.2	6.2	1819	5.6	100	.2	39	3.4	315	50	63
6225297	6255398	.72	3677	7.3	5.0	.40	.37	10	108	3537	8	40	35	.70	15.6	16.0	3.0	9.4	85	.3	1.2	6.1	1936	4.9	94	.2	36	2.9	280	50	62
6225298	6255399	.90	923	6.5	4.0	.34	.29	9	84	2016	9	50	46	.80	19.8	18.8	.5	5.9	44	.3	.9	7.6	2259	8.5	116	.2	27	2.6	250	50	69
6225299	6255400	.81	652	2.2	1.0	.30	.26	8	73	2202	7	45	41	.60	13.3	13.0	.5	5.2	41	.3	.7	5.8	2042	2.4	96	.2	20	1.8	260	50	56
6225301	6255401	1.08	425	1.5	1.0	.58	.57	7	68	376	6	50	46	.60	14.4	15.0	.5	6.3	67	.4	.8	6.2	2480	2.4	99	.2	23	1.9	118	50	58
6225302	6255402	1.82	1239	1.2	.5	1.50	1.38	14	98	753	7	62	55	.90	23.3	22.7	.5	5.8	150	.9	.9	6.4	4523	4.3	178	.2	22	2.3	171	270	78
6225303	6255403	1.22	1074	4.0	3.0	.82	.69	11	96	2427	5	55	60	.80	19.7	18.6	.5	7.1	85	.6	.9	7.7	3234	3.5	137	.2	26	2.9	282	50	78
6225304	6255404	.77	356	.2	.5	.34	.31	5	44	858	4	35	40	.50	10.9	10.7	.5	4.0	42	.1	.6	5.0	1794	2.0	76	.2	14	1.3	131	50	47
6225305	6255405	.48	226	.2	.5	.25	.22	4	26	913	3	23	25	.30	7.9	8.1	.5	3.3	40	.3	.2	3.8	1287	1.7	50	.2	13	.9	96	50	36
6225306	6255406	.82	342	9.3	8.0	.90	.81	6	40	559	3	24	22	.30	11.8	11.1	.5	3.7	107	.4	.2	3.9	2310	3.6	85	.2	15	1.6	87	50	43
6225307	6255407	1.17	638	3.5	4.0	.88	.80	10	127	1140	9	53	53	.90	18.4	17.9	.5	6.4	90	.5	.9	7.5	3177	3.2	132	.2	27	2.4	234	270	71
6225308	6255408	.59	256	1.2	1.0	.16	.12	4	46	1081	4	30	29	.30	10.9	10.8	.5	3.5	33	.3	.2	4.5	1450	1.5	78	.2	15	1.6	137	50	40
6225309	6255409	.72	630	8.0	7.0	.38	.32	7	48	2865	5	27	27	.30	11.8	11.4	.5	3.8	73	.4	.6	4.3	1760	2.0	79	.2	16	1.9	151	50	42
6225311	6255410	.51	392	5.1	5.0	.39	.34	7	70	904	5	33	35	.50	11.1	11.3	.5	6.0	39	.3	.7	5.5	1350	2.0	71	.2	24	2.4	172	50	51
6225312	6255411	.29	164	.2	.5	.12	.11	5	87	1180	12	29	24	.30	7.2	8.0	.5	13.7	17	.3	1.1	5.2	702	1.6	41	.2	21	1.5	194	290	33
6225313	6255412	.53	221	.2	.5	.30	.24	4	26	782	5	35	38	.40	10.6	10.7	.5	3.9	32	.3	.6	4.3	1338	1.7	65	.2	16	1.6	118	50	42
6225314	6255413	.26	250	.2	.5	.08	.07	13	161	674	8	19	14	.50	3.7	5.1	.5	1.8	16	.1	.2	1.7	390	1.4	33	.2	10	.2	517	50	19
6225315	6255414	.17	80	.2	1.0	.07	.06	1	11	432	3	14	9	.20	5.2	5.6	.5	2.7	22	.1	.2	2.4	542	1.5	28	.2	11	.8	65	50	19
6225316	6255415	.81	349	.7	1.0	.65	.64	8	47	477	5	52	58	.50	14.0	14.9	.5	6.7	75	.4	.9	7.2	2408	3.5	103	.2	30	2.6	165	50	70
6225317	6255416	.77	270	3.0	3.0	.27	.22	7	54	823	11	83	93	1.70	18.1	17.7	.5	5.5	48	.3	.6	8.6	1968	4.5	200	.2	23	2.6	210	50	83
	6275417																														
6225319	6255418	1.06	17610	12.0	10.0	.74	.69	12	101	1708	15	74	80	1.50	15.9	16.0	.5	5.2	73	.7	.9	8.1	2435	11.7	142	.2	24	1.9	272	50	88
6225321	6255419	.72	2820	6.9	5.0	.45	.39	13	89	2238	12	58	64	1.10	15.1	14.9	.5	6.0	43	.5	.9	7.2	1746	4.8	115	.2	28	2.8	293	50	84
6225322	6255420	.59	294	3.5	3.0	.20	.16	6	68	1152	8	61	53	1.60	11.1	10.6	.5	5.5	38	.3	.7	6.3	1331	4.5	112	.2	24	2.7	369	50	69
6225323	6255421	.80	352	3.1	4.0	.77	.71	8	62	403	12	71	82	1.10	11.4	11.2	.5	5.6	79	.7	.6	7.2	2194	4.2	96	1.0	25	2.5	479	50	80
	6275422																														
	6275423																														
6225326	6255424	.22	220	4.1	5.0	.10	.09	2	16	1595	9	17	19	.90	4.3	4.4	.5	8.0	30	.1	.9	2.9	506	2.3	30	.2	28	2.2	297	50	35
6225327	6255425	.36	169	4.2	5.0	.30	.27	5	24	1003	12	26	41	.80	7.1	7.3	.5	10.1	38	.3	1.1	5.6	1230	2.6	57	.2	35	2.8	364	50	52
	6275426																														
	6275427																														
6225331	6255428	.15	246	2.4	3.0	.09	.08	2	102	1131	10	10	9	.80	3.2	3.3	.5	10.6	57	.1	1.4	2.4	234	3.6	14	.2	43	2.8	1296	50	20
6225332	6255429	.89	539	3.1	3.0	1.10	1.05	9	54	445	10	70	90	1.30	11.5	11.8	.5	5.4	97	.6	.7	6.7	2515	3.8	102	.2	23	2.5	333	50	88
6225333	6255430	.67	771	8.1	7.0	.56	.49	6	43	677	10	61	60	1.20	10.0	9.4	.5	5.1	56	.3	.7	6.1	1569	16.2	100	.2	26	2.4	405	50	67
6225334	6255431	.51	707	13.0	11.0	.20	.15	9	91	1459	8	46	50	1.60	10.6	10.3	.5	5.6	27	.2	.8	5.6	1031	5.2	83	.2	25	2.4	527	50	63
6225335	6255432	.52	687	12.0	12.0	.20	.17	9	92	1433	8	44	51	1.50	10.8	10.6	.5	5.6	28	.4	.7	5.6	1040	5.3	85	.2	26	2.7	554	50	65
6225336	6255433	.43	485	7.7	7.0	.24	.20	6	99	1260	5	33	31	.80	7.5	7.8	4.0	4.1	32	.3	.6	3.8	993	6.5	66	.2	19	1.4	315	50	43
6225337	6255434	.50	341	4.3	4.0	.30	.27	5	40	1006	5	38	40	.60	9.2	9.0	.5	3.8	40	.2	.2	4.6	1295	2.8	76	.2	16	2.0	157	50	51
6225338	6255435	1.16	873	6.8	6.0	1.20	1.24	10	54	478	8	71	81	1.10	15.0	15.4	.5	4.7	132	.8	.6	7.2	3205	4.2	136	1.0	19	2.0	132	50	81
6225339	6255436	.89	734	.2	.5	1.30	1.27	8	32	531	4	58	67	.40	11.9	12.0	.5	4.2	145	.7	.6	5.8	2832	2.2	92	.2	14	1.5	121	50	57
6225341	6255437	.70	313	1.7	2.0	.36	.30	6	43	1220	5	75	69	.70	12.5	12.6	.5	4.9	39	.3	.6	6.2	1768	2.6	98	.2	18	1.6	177	50	58

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225342	6255438	.49	295	.2	1.0	.24	.23	4	28	1069	8	34	38	.40	9.3	10.7	.5	5.6	37	.3	.8	4.9	1246	2.1	67	.2	24	1.8	149	50	46
6225343	6255439	.35	308	.2	.5	.19	.17	3	27	479	2	26	23	.20	9.1	10.5	.5	4.4	35	.3	.6	3.5	763	1.2	44	.2	19	1.6	140	50	31
6225344	6255440	.84	387	11.0	10.0	.71	.69	8	58	456	6	47	48	.60	14.8	15.0	.5	5.6	80	.4	.8	6.1	2121	2.7	100	.2	23	2.1	180	160	58
6225345	6255441	.57	448	.2	.5	.46	.41	6	49	1000	9	27	31	.30	11.2	11.7	.5	5.5	54	.3	.8	4.3	1498	1.7	68	.2	22	1.9	160	50	40
6225346	6255442	.92	466	.2	.5	1.40	1.46	7	39	300	4	40	45	.50	13.3	14.4	.5	4.0	171	.6	.5	4.3	2980	1.5	107	.2	15	1.4	104	200	51
6225347	6255443	.28	213	.2	.5	.20	.20	4	33	1298	3	12	16	.20	8.0	9.0	.5	7.1	29	.1	.9	3.2	665	1.3	32	.2	28	2.1	105	50	25
6225348	6255444	.71	287	1.1	.5	.26	.23	6	44	971	4	53	54	.60	12.1	12.1	.5	3.7	32	.3	.6	5.6	1639	2.3	89	.2	15	1.7	146	50	58
6225349	6255445	.50	218	.2	.5	.09	.09	3	32	431	4	25	23	.40	7.0	7.5	.5	2.3	23	.1	.2	3.2	927	1.2	59	.2	10	.9	120	50	29
6225351	6255446	.80	686	2.9	4.0	.57	.50	8	78	1852	8	58	56	1.00	17.0	16.2	.5	8.8	59	.4	1.2	8.4	1894	4.5	101	1.0	43	4.6	277	50	86
6225352	6255447	.07	76	3.5	4.0	.02	.04	1	10	625	1	2	1	.10	2.0	1.7	.5	1.3	21	.1	.2	1.2	190	.5	14	.2	6	.2	50	50	13
6225353	6255448	.72	449	2.8	2.0	.70	.60	6	48	530	6	30	28	.50	11.2	10.3	.5	4.5	89	.3	.6	4.5	1692	3.2	72	.2	20	1.8	138	50	47
6225354	6255449	.74	347	.9	2.0	.62	.63	4	46	1045	3	25	24	.30	9.4	11.2	.5	5.7	87	.4	.7	4.8	1700	3.1	65	.2	22	1.5	80	50	41
6225355	6255450	1.63	777	2.4	2.0	.48	.50	11	162	1085	5	19	26	.60	15.0	17.4	.5	6.5	92	.6	.7	4.6	3613	2.4	105	.2	24	1.7	254	50	46
6225356	6255451	.56	1396	6.8	5.0	.30	.28	8	113	2483	4	26	27	.30	9.4	9.9	.5	6.7	53	.3	.9	4.5	1137	2.4	59	.2	25	2.3	413	50	42
6225357	6255452	.53	1116	2.3	2.0	.32	.29	7	104	1741	4	26	27	.40	10.3	10.1	.5	6.6	41	.3	.9	4.7	1155	2.5	62	.2	25	2.6	388	50	42
6225358	6255453	.31	240	.2	1.0	.21	.17	4	39	753	4	20	19	.30	6.2	5.9	.5	4.4	30	.1	.6	4.1	605	2.0	39	.2	18	1.7	211	50	30
6225359	6255454	.47	255	1.1	2.0	.36	.30	3	52	697	5	16	14	.20	7.7	6.6	.5	3.2	53	.1	.2	3.3	887	2.5	40	.2	14	1.1	80	130	28
6225361	6255455	.60	294	.2	1.0	.63	.52	3	29	730	4	18	19	.20	8.9	7.7	.5	3.3	82	.3	.2	3.1	1226	1.4	47	.2	13	1.5	70	50	29
6225362	6255456	1.19	561	17.0	15.0	1.30	1.17	11	51	544	10	79	80	1.40	17.3	16.0	.5	5.3	120	.8	.7	8.1	3001	3.9	138	1.0	20	2.5	131	190	91
6225363	6255457	.34	217	1.1	2.0	.16	.14	3	24	808	3	22	23	.60	7.1	6.7	.5	4.8	33	.1	.6	4.1	762	2.9	46	.2	19	1.7	138	50	39
6225364	6255458	.48	147	.2	1.0	.25	.19	4	22	630	6	49	55	.40	11.9	10.8	.5	3.8	33	.4	.2	6.3	1309	2.4	78	.2	15	1.1	94	50	52
6225365	6255459	.80	410	1.0	1.0	.37	.39	7	52	1217	9	57	57	.80	13.6	16.8	.5	6.2	48	.4	.9	6.5	2059	3.1	116	.2	24	1.8	159	50	61
6225366	6255460	.54	319	.8	2.0	.28	.28	5	43	1065	6	43	43	.80	10.6	12.1	.5	6.6	43	.4	.9	6.0	1339	3.6	77	.2	25	2.0	223	50	54
	6275461																														
6225368	6255462	1.04	655	2.0	2.0	.92	.96	10	47	610	8	72	70	1.10	13.6	14.7	.5	5.1	106	.8	.7	7.6	2659	3.8	128	1.0	20	1.8	152	250	81
6225369	6255463	.56	608	10.0	8.0	.31	.31	5	41	843	5	39	39	.80	8.9	9.8	.5	4.4	51	.4	.5	4.9	1204	5.4	72	.2	20	1.7	166	50	56
6225371	6255464	.46	160	5.5	6.0	.46	.39	5	20	660	6	41	42	.50	9.1	8.3	.5	3.8	47	.4	.2	4.5	1630	2.1	79	.2	13	1.7	115	50	47
6225372	6255465	1.00	430	5.2	5.0	.88	.80	11	71	528	15	92	92	1.40	15.6	14.6	.5	6.6	96	.8	.8	9.2	2656	6.0	129	1.0	26	2.8	290	160	95
6225373	6255466	.97	373	2.5	3.0	.82	.78	10	66	431	17	94	96	1.70	14.3	13.7	.5	8.4	93	.9	.9	9.2	2686	5.2	118	2.0	30	2.8	399	50	96
	6275467																														
6225375	6255468	.48	933	2.8	2.0	.34	.31	8	61	1219	19	49	49	.90	7.7	7.6	.5	5.5	54	.4	.7	6.0	1033	7.7	72	.2	22	1.7	346	50	54
6225376	6255469	1.15	720	4.0	3.0	.87	.82	15	74	606	18	120	118	1.60	16.1	16.1	.5	7.4	94	1.1	.9	11.1	3236	6.6	145	1.0	27	2.7	317	300	110
6225377	6255470	1.19	543	4.3	3.0	.94	.93	14	77	491	18	120	119	1.70	16.1	16.6	.5	6.9	107	1.0	.9	11.3	3395	7.0	144	1.0	26	2.4	260	180	108
6225378	6255471	.39	646	11.0	8.0	.32	.31	6	113	900	12	30	30	1.40	7.3	7.7	.5	8.4	49	.2	1.0	5.0	864	5.4	55	.2	36	2.6	923	50	50
6225379	6255472	.96	388	1.7	2.0	1.00	1.00	9	55	399	10	77	77	1.10	12.1	13.6	.5	5.8	102	.8	.9	7.5	2712	4.4	112	1.0	23	1.8	312	230	84
6225381	6255473	.09	184	5.8	5.0	.02	.03	1	78	513	6	2	1	1.00	2.7	2.7	.5	8.7	53	.1	1.1	2.1	119	5.0	6	.2	37	1.9	1303	50	13
6225382	6255474	.32	530	22.0	17.0	.26	.24	7	124	1288	12	29	26	2.50	5.5	5.9	.5	6.5	51	.1	.9	4.9	485	6.3	73	.2	30	2.2	1376	250	54
6225383	6255475	.13	375	1.3	2.0	.02	.03	2	41	636	1	2	4	.30	2.6	2.7	.5	2.9	37	.1	.2	1.6	168	1.3	8	.2	14	1.2	383	50	13
6225384	6255476	1.00	516	3.4	3.0	.88	.86	10	61	461	10	66	68	1.00	13.3	13.2	.5	4.6	91	.7	.8	7.0	2617	12.6	118	.2	19	1.7	291	170	75
6225385	6255477	1.10	1102	5.0	5.0	1.10	1.08	10	51	398	10	73	76	1.30	14.3	14.9	.5	5.3	116	1.0	.7	7.8	2981	3.9	131	1.0	20	2.1	144	200	82
6225386	6255478	.89	576	1.9	2.0	1.00	.99	9	38	481	7	60	61	.90	13.8	14.1	.5	5.5	113	.7	.8	7.0	2868	4.3	115	1.0	21	2.1	142	300	76
6225387	6255479	.30	140	.2	1.0	.24	.23	4	15	1358	6	26	28	.40	7.0	7.2	.5	2.6	32	.3	.2	3.9	1361	1.9	62	.2	10	.8	60	50	35
6225388	6255480	.36	151	1.4	1.0	.33	.27	5	13	1132	6	30	35	.50	8.7	8.1	.5	2.8	35	.4	.2	4.4	1601	2.2	70	.2	11	.9	58	50	41
6225389	6255481	.32	174	.2	2.0	.11	.11	3	31	352	3	29	25	.40	4.5	5.1	8.0	2.2	22	.1	.2	2.4	773	4.9	49	.2	11	.2	149	50	31
6225391	6255482	.56	272	.2	.5	.47	.43	6	25	434	4	38	43	.30	9.1	9.4	.5	4.9	61	.4	.6	6.0	1648	3.3	58	.2	20	1.7	90	140	51
6225392	6255483	1.29	938	1.0	2.0	1.10	1.08	13	53	381	10	75	79	1.20	15.2	16.0	.5	5.1	116	.9	.6	7.8	3850	3.8	143	1.0	20	2.1	114	120	89
6225393	6255484	.53	368	8.4	7.0	.25	.22	10	65	819	6	37	38	.70	11.4	12.2	.5	7.3	42	.3	1.1	6.5	1041	5.5	71	.2	38	3.2	245	50	67
6225394	6255485	.57	343	2.7	3.0	.20	.16	6	46	835	5	40	44	.90	12.2	12.5	.5	10.0	42	.3	1.2	7.5	1128	7.1	78	.2	40	3.7	200	170	67
6225395	6255486	.40	198	1.2	1.0	.19	.16	4	18	491	3	24	23	.30	7.6	7.6	.5	4.3	47	.1	.5	4.3	801	3.4	44	.2	21	1.7	135	50	45
6225396	6255487	.69	211	1.0	1.0	.77	.68	9	16	1027	10	67	73	.90	15.0	13.6	.5	3.6	74	.9	.2	6.7	3266	3.2	123	.2	13	1.8	76	50	78
6225397	6255488	1.21	433	1.9	2.0	1.20	1.01	12	50	602	12	89	88	1.60	18.9	17.1	.5	5.8	106	1.0	.8	9.0	3702	4.6	157	1.0	22	2.5	167	280	99
6225398	6255489	.49	387	2.7	2.0	.38	.31	7	26	3419	10	37	45	.70	11.7	10.5	.5	4.0	41	.4	.6	5.6	1729	3.1	87	.2	18	1.8	216	50	52
6225399	6255490	.07	65	1.3	2.0	.02	.02	1	11	535	3	2	2	.20	2.8	2.6	.5	1.3	17	.1	.2	1.9	216	.9	11	.2	7	.7	32	50	13
6225401	6255491	.39	314	3.3	3.0	.29	.25	4	30	691	7	26	31	.70	6.7	7.2	.5	4.8	45	.3	.6	3.5	1078	2.6	55	.2	24	1.7	180	50	45
6225402	6255492	.24	278	2.5	4.0	.09	.07	2	6	318	3	12	18	.30	3.0	3.9	.5	2.1	30	.2	.2	2.3	449	1.8	27	.2	10	.7	82	50	27
6225403	6255493	.33	209	.2	1.0	.19	.18	3	12	398	5	24	28	.30	5.2	5.9	.5	3.9	38	.1	.5	3.3	837	2.0	41	.2	17	1.3	131	50	41
6225404	6255494	.66	294	.2	.5	.64	.65	7	31	410	6	47	48	.60	10.0	10.9	.5	5.3	78	.6	.7	5.4	2088	2.8	81	1.0	23	2.0	129	210	69
6225405	6255495	.24	267	.2	2.0	.16	.15	3	11	438	5	16	18	.40	4.4	5.0	.5	4.1	35	.1	.5	2.5	621	1.6	32	.2	20	1.3	140	50	33
6225406	6255496	.57	365	2.3	2.0	.55	.52	6	39	876	5	30	34	.50	8.4	8.8	.5	4.0	71	.4	.6	3.8	1617	2.2	65	.2	18	1.8	220	50	50
6225407	6255497	.34	550	2.2	3.0	.33	.33	4	23	740	3	20	21	.20	4.4	5.0	.5	1.8	60	.2	.2	2.2	975	1.2	37	.2	9	.7	158	50	28
6225408	6255498			3.8		.08						2		.20	1.0		.5	.6		.1	.2	.7		.3		.2		.2		50	
6225409	6255499	.33	280	.2	1.0	.25	.24	3	19	448	8	25	27	.30	5.6	6.1	.5	4.2	49	.3	.2	3.6	875	2.6	40	.2	18	1.4	216	50	46
6225411	6255500	.31	387	12.0	10.0	.15	.12	6	107	1634	17	25	27	1.90	7.9	8.0	.5	8.8	33	.2	1.0	3.9	701	4.7	53	.2	37	2.8	895	50	58
6225412	6255501	.33	364	7.8	6.0	.15	.12	5	85	1316	18	22	27	1.50	7.6	7.9	.5	7.8	35	.1	.9	3.5	735	4.0	54	.2	35	2.7	761	50	57
6225413	6255502	.46	493	1.3	2.0	.32	.32	4	39	818	13	42	37	.70	7.1	8.0	.5	7.1	60	.3	.9	4.7	1178	3.5	55	.2	29	2.1	302	50	59
6225414	6255503	.46	527	.2	.5	.36	.34	5	52	699	9	34	37	.50	7.5	7.9	.5	6.9	61	.3	1.0	4.6	1263	2.7	56	.2	27	2.3	327	50	54
6225415	6255504	.48	325	1.6	2.0	.40	.37	6	34	796	5	34	34	.50	7.4	7.7	.5	4.8	61	.3	.5	4.2	1311	2.3	58	.2	19	1.6	174	50	46
6225416	6255505	.84	532	3.9	4.0	1.10	.99	9	39	521	6	62	64	.90	12.6	12.1	.5	4.7	117	.6	.6	6.3	2509	3.2	100	.2	19	2.1	159	140	71

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225417	6255506	.28	347	9.1	8.0	.11	.10	3	56	983	3	12	13	.60	3.6	3.6	.5	3.4	70	.1	.5	2.2	405	3.0	26	.2	17	1.4	476	50	27
6225418	6255507	.33	194	5.0	5.0	.21	.17	4	30	826	9	31	31	.70	9.2	8.5	.5	5.5	33	.4	.7	5.1	1093	3.1	68	.2	21	1.8	159	50	43
6225419	6255508	.48	395	4.3	3.0	.39	.36	7	34	1406	10	30	37	.60	7.3	7.7	.5	3.2	52	.3	.2	4.0	1346	2.4	70	.2	14	1.5	152	50	45
6225421	6255509	.56	4194	3.7	3.0	.51	.46	9	43	1236	18	40	48	.90	8.7	9.0	.5	4.1	59	.5	.2	5.0	1442	4.1	77	.2	17	1.2	194	50	57
	6275510																														
6225423	6255511	.69	1183	1.3	1.0	1.00	.93	13	37	684	10	71	71	1.00	10.2	10.4	.5	4.9	112	.8	.6	7.5	2198	3.6	87	1.0	17	2.0	224	220	81
6225424	6255512	.62	421	2.3	2.0	.65	.59	8	51	481	8	61	61	.80	9.2	9.2	.5	5.6	73	.6	.6	7.4	1488	9.2	88	.2	23	2.2	197	50	72
6225425	6255513	.92	630	2.2	2.0	1.00	.90	9	40	275	11	80	77	1.00	13.8	13.5	.5	5.6	107	.7	.7	8.1	2660	4.8	112	1.0	20	2.2	162	50	81
6225426	6255514	.55	343	3.8	2.0	.39	.36	7	33	801	6	50	51	.60	7.7	8.5	.5	4.1	69	.5	.6	5.7	1375	4.4	71	.2	18	1.3	162	50	58
	6275515																														
6225428	6255516	.48	567	.9	.5	.46	.42	6	20	418	4	33	36	.20	5.4	5.5	.5	2.7	82	.5	.2	4.0	1188	1.8	40	.2	10	1.0	104	50	31
6225429	6255517	.55	658	2.7	2.0	.52	.47	8	32	686	7	42	45	.40	7.6	7.5	.5	3.7	80	.6	.2	5.4	1506	3.3	62	.2	14	1.3	87	140	47
6225431	6255518	.36	430	1.3	2.0	.25	.22	6	33	832	6	26	29	.30	5.0	5.1	.5	3.2	42	.2	.2	3.6	754	2.5	44	.2	14	1.1	120	50	33
6225432	6255519	.94	423	2.3	2.0	1.00	.83	13	53	521	10	76	79	.40	11.1	10.6	.5	5.0	141	.8	.5	8.1	2503	4.9	81	.2	17	1.4	140	190	57
6225433	6255520	1.02	3717	9.2	6.0	1.00	.87	14	66	1441	11	90	85	.70	13.6	12.4	.5	5.7	142	1.0	.8	10.0	2640	17.5	110	.2	22	2.3	143	220	77
6225434	6255521	.52	484	8.5	7.0	.24	.21	10	36	1035	4	17	19	.40	7.8	7.3	.5	2.8	42	.5	.2	2.8	992	2.7	115	.2	12	1.3	119	50	32
6225435	6255522	.52	484	8.4	6.0	.26	.21	10	36	870	5	16	21	.50	8.4	7.4	.5	3.0	43	.2	.2	3.4	1011	3.0	114	.2	13	.2	121	50	32
6225436	6255523	.50	263	1.3	2.0	.47	.40	5	19	383	5	32	35	.30	7.1	6.3	.5	2.6	66	.5	.2	4.1	1249	2.0	50	.2	11	1.5	82	50	38
6225437	6255524	.72	1244	4.4	5.0	.50	.38	10	68	1729	7	50	61	.90	16.2	14.6	.5	7.1	61	.1	.9	7.8	1682	7.5	102	.2	34	2.9	228	320	81
6225438	6255525	.44	333	21.0	17.0	.34	.24	5	27	434	4	30	29	.40	10.0	7.8	.5	4.9	54	.2	.6	4.0	916	9.5	45	.2	24	2.2	133	50	43
6225439	6255526	.50	355	3.9	3.0	.46	.37	6	27	432	4	39	38	.40	9.3	8.1	.5	4.7	59	.5	.6	5.0	1266	3.8	59	.2	19	1.9	161	160	46
6225441	6255527	.42	273	3.4	3.0	.24	.21	4	20	525	6	36	31	.50	7.6	7.5	.5	4.4	38	.3	.6	4.5	871	4.3	50	.2	17	1.6	216	150	43
6225442	6255528	.79	1916	2.2	2.0	.86	.81	12	56	837	6	55	61	.70	12.9	12.8	.5	5.9	103	.7	.8	7.2	2090	7.3	91	.2	25	2.3	257	200	73
6225443	6255529	.34	300	4.2	4.0	.26	.23	4	19	483	4	20	23	.20	5.4	5.2	.5	2.6	53	.1	.2	3.1	768	1.5	36	.2	11	.9	76	50	28
6225444	6255530	1.05	1657	1.2	1.0	1.00	.88	13	63	816	11	85	83	.50	15.5	14.9	.5	6.7	126	.7	.7	10.0	2786	5.0	111	.2	24	2.4	158	180	78
6225445	6255531	.74	622	3.1	2.0	.84	.76	9	39	710	5	53	58	.60	11.5	11.1	.5	4.8	95	.8	.6	6.2	2123	2.8	92	.2	18	1.9	126	50	64
6225446	6255532	.68	254	1.2	2.0	.58	.54	7	33	452	11	51	58	.70	11.2	11.5	.5	3.8	73	.5	.2	6.0	1990	3.1	92	.2	18	1.8	166	50	69
6225447	6255533	.59	393	.7	1.0	.56	.50	7	44	757	9	39	42	.50	10.3	9.7	.5	6.5	70	.5	.8	5.3	1557	2.8	66	.2	26	2.5	248	50	57
6225448	6255534	.42	310	1.1	2.0	.30	.25	4	40	934	12	28	33	.50	8.0	7.6	.5	8.1	48	.3	.9	4.7	892	3.3	46	.2	30	3.0	255	50	47
6225449	6255535	.35	414	1.8	2.0	.31	.24	5	31	659	8	24	26	.40	6.9	6.3	.5	4.9	45	.2	.6	3.7	804	2.0	39	.2	21	1.8	240	50	39
6225451	6255536	.63	637	11.0	9.0	.68	.59	8	39	672	6	43	42	.60	10.3	9.6	.5	5.2	85	.5	.6	5.8	1714	3.0	69	.2	22	2.2	141	190	58
6225452	6255537	.17	194	1.6	2.0	.15	.12	2	4	393	4	13	14	.20	3.1	2.8	.5	1.2	50	.1	.2	1.5	439	.9	20	.2	5	.5	38	50	15
6225453	6255538	.62	282	1.6	1.0	.54	.44	6	29	408	11	51	52	.60	11.2	10.1	.5	7.0	68	.5	.8	6.1	1566	3.3	67	.2	25	2.4	173	170	63
6225454	6255539	.22	132	1.1	2.0	.12	.09	2	17	515	9	20	15	.60	5.2	4.9	.5	7.0	48	.1	.6	3.2	474	2.4	25	.2	22	2.1	212	50	31
6225455	6255540	.60	341	1.5	1.0	.45	.38	7	36	2557	8	47	51	.60	12.6	12.2	.5	6.7	50	.5	1.0	6.7	1801	3.9	90	.2	26	2.2	151	50	57
6225456	6255541	.35	526	7.7	6.0	.25	.21	6	52	1093	6	26	30	.70	7.5	7.5	.5	5.6	41	.3	.7	4.1	862	3.0	55	.2	24	2.0	279	50	39
6225457	6255542	.33	723	4.7	4.0	.23	.20	4	18	787	1	21	21	.40	7.7	7.6	.5	5.8	48	.1	.7	4.0	740	3.8	38	.2	23	2.0	135	50	34
6225458	6255543	.14	66	6.2	7.0	.05	.04	1	6	259	1	2	5	.20	2.6	3.0	.5	3.0	41	.1	.2	1.8	177	2.4	8	.2	12	1.0	59	50	16
6225459	6255544	.14	58	6.8	6.0	.06	.04	1	4	268	1	2	6	.20	2.5	2.8	.5	2.9	40	.1	.2	1.8	175	2.2	9	.2	11	.7	53	50	14
6225461	6255545	.50	767	4.1	4.0	.24	.25	8	35	1461	5	42	47	.70	9.1	10.9	.5	5.9	42	.4	.7	5.4	1340	4.3	74	.2	25	1.6	179	50	59
6225462	6255546	.95	1445	1.9	2.0	.78	.78	13	51	747	9	77	79	1.00	12.9	13.7	.5	6.3	93	.9	.8	8.5	2633	4.4	113	.2	23	2.2	157	50	89
6225463	6255547	.76	3017	14.0	12.0	.52	.53	11	56	2800	8	65	65	1.10	12.9	13.5	.5	6.2	82	.6	.9	8.0	1806	12.8	98	1.0	29	2.2	213	200	83
6225464	6255548	.40	221	3.5	4.0	.22	.21	3	14	445	4	24	29	.30	5.7	5.8	.5	2.9	49	.3	.2	3.5	843	2.8	41	.2	13	1.2	95	50	36
6225465	6255549	.47	298	1.8	2.0	.32	.31	5	14	435	5	41	44	.40	7.2	7.2	.5	3.3	57	.4	.2	4.8	1176	3.0	56	.2	15	1.3	114	50	48
6225466	6255550	.23	211	1.5	2.0	.15	.14	2	9	409	4	14	15	.30	3.6	3.6	.5	2.0	53	.1	.2	2.3	470	2.1	22	.2	10	.8	71	50	23
6225467	6255551	.59	1357	.8	.5	.55	.52	10	41	296	9	59	64	.90	9.2	8.7	.5	3.8	69	.5	.2	5.9	1857	3.0	85	.2	16	1.3	497	160	66
6225468	6255552	.09	114	.2	2.0	.02	.03	1	3	611	5	2	6	.30	1.4	1.5	.5	.6	18	.1	.2	1.2	161	.8	10	.2	3	.2	37	50	9
6225469	6255553	1.04	1889	3.4	3.0	.66	.66	14	62	729	16	100	104	2.90	12.2	12.1	.5	6.2	73	1.0	.9	11.2	2668	7.2	186	1.0	25	2.3	147	140	116
6225471	6255554	.79	464	3.7	3.0	1.00	.97	8	35	436	5	57	54	.80	11.5	11.6	.5	4.6	111	.6	.7	5.7	2532	3.0	99	.2	18	2.0	218	50	67
6225472	6255555	.81	353	.2	.5	.83	.81	8	26	468	6	57	55	.60	11.9	11.9	.5	4.9	88	.6	.6	5.9	2482	2.6	91	.2	19	1.9	121	270	71
6225473	6255556	1.05	414	1.0	1.0	.89	.99	11	44	399	7	74	73	.70	12.7	15.3	.5	5.1	99	.8	.7	7.6	3162	3.4	127	.2	18	1.3	147	230	87
6225474	6255557	.62	459	3.9	3.0	.29	.30	6	41	886	6	40	46	.70	10.0	11.3	.5	4.0	43	.3	.6	5.5	1426	5.6	79	.2	19	1.5	121	50	62
6225475	6255558	1.26	2476	10.0	8.0	1.10	1.15	12	181	950	9	66	68	1.00	17.0	18.4	.5	6.9	131	.7	1.0	7.4	3274	6.0	137	.2	29	2.6	307	50	84
6225476	6255559	.59	275	2.6	3.0	.34	.34	4	24	482	4	23	28	.30	7.5	7.9	.5	2.0	52	.3	.2	2.8	1044	2.0	53	.2	11	.9	67	50	32
6225477	6255560	.99	1384	1.6	2.0	1.00	1.03	12	85	858	9	57	57	.70	15.4	16.2	.5	6.0	104	.8	.7	6.8	2940	3.3	113	.2	22	2.3	195	270	79
6225478	6255561	.20	149	.2	1.0	.13	.13	2	17	524	3	12	13	.10	3.1	3.4	.5	3.1	28	.1	.2	3.2	390	1.4	16	.2	10	.7	43	110	19
6225479	6255562	.32	262	.2	.5	.20	.22	3	25	563	5	22	22	.20	5.0	5.7	.5	4.8	41	.1	.6	4.2	751	2.2	33	.2	18	1.2	123	50	40
6225481	6255563	.91	402	8.3	7.0	1.10	1.01	10	34	476	6	67	60	.60	12.3	12.1	.5	4.6	114	.6	.5	6.5	2684	3.2	96	1.0	17	1.9	109	50	78
6225482	6255564	.69	383	1.6	2.0	.79	.69	8	33	679	5	50	47	.40	10.0	9.6	.5	4.0	80	.6	.2	5.1	1947	3.1	75	.2	15	1.5	132	50	61
6225483	6255565	.65	348	1.5	1.0	.66	.58	7	31	884	6	38	42	.40	10.0	9.2	.5	3.6	68	.5	.2	4.7	1759	3.0	71	.2	15	1.7	104	50	58
	6275566																														
6225485	6255567	.61	582	.2	.5	.69	.69	5	21	634	4	20	20	.10	6.4	7.2	.5	2.1	118	.4	.2	2.7	1585	1.6	47	.2	8	.6	142	50	34
6225486	6255568	.68	297	3.6	4.0	.67	.64	7	17	548	5	41	42	.40	8.4	8.3	.5	2.7	97	.5	.2	4.1	1807	3.6	66	.2	10	.9	79	170	51
6225487	6255569	.88	555	.2	.5	1.10	1.10	9	34	908	8	45	44	.40	11.6	12.2	.5	4.1	149	.6	.6	5.5	2759	2.1	91	.2	15	2.0	115	50	67
6225488	6255570	.55	729	.2	.5	.60	.56	7	26	1149	7	35	32	.30	7.8	7.7	.5	2.9	76	.5	.2	4.0	1758	1.8	55	.2	11	1.3	107	150	49
6225489	6255571	.47	370	.2	1.0	.47	.48	5	24	552	3	27	27	.20	6.3	6.4	.5	3.6	72	.4	.2	3.5	1400	1.5	44	.2	13	1.5	85	50	39
6225491	6255572	.13	155	21.0	17.0	.02	.03	9	41	710	6	2	4	.30	5.8	6.3	.5	10.4	15	.1	1.3	3.7	133	2.2	37	.2	45	4.0	72	50	37
6225492	6255573	.45	357	1.9	2.0	.33	.34	7	61	710	6	25	27	.30	7.7	8.3	.5	7.0	58	.4	.8	4.6	938	2.1	47	.2	28	2.2	149	50	53

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225493	6255574	.35	93	.2	1.0	.22	.20	3	24	354	8	25	26	.20	6.3	6.3	.5	7.7	39	.1	.7	7.4	476	2.8	25	.2	19	1.5	95	50	34
6225494	6255575	.37	175	5.0	4.0	.16	.13	3	44	389	9	19	21	.70	6.3	5.9	.5	4.5	39	.1	.6	3.2	667	2.7	34	.2	20	2.1	197	50	39
6225495	6255576	.36	173	3.6	4.0	.14	.13	3	44	392	10	18	22	.60	5.9	5.9	.5	4.0	38	.1	.2	2.9	649	2.3	34	.2	20	1.8	191	50	38
6225496	6255577	1.42	547	2.2	3.0	1.60	1.39	14	59	488	10	88	83	1.30	19.3	18.4	.5	5.7	146	.9	.8	8.2	4177	4.0	155	.2	20	2.1	128	370	100
6225497	6255578	.60	434	.2	1.0	.40	.40	6	71	734	15	39	44	.60	8.3	9.9	.5	7.2	56	.2	.9	5.2	1553	3.3	68	.2	31	2.1	409	50	65
6225498	6255579	.27	444	3.8	4.0	.13	.12	5	60	1072	11	18	17	1.00	5.9	6.5	.5	7.7	51	.2	.9	3.3	645	2.8	35	.2	31	2.2	387	50	40
6225499	6255580	.36	256	1.4	3.0	.23	.23	4	67	931	10	21	23	.50	5.8	6.3	.5	6.1	51	.1	.7	3.2	867	2.1	41	.2	26	2.2	351	50	42
6225501	6255581	.42	228	.2	2.0	.33	.33	4	78	700	9	23	27	.50	6.4	6.9	.5	7.2	55	.3	.9	3.9	1042	2.3	45	.2	29	2.5	361	50	50
6225502	6255582	.76	460	1.2	3.0	.87	.87	9	48	777	7	42	47	.70	11.0	11.3	.5	4.6	101	.4	.6	4.9	2351	2.5	85	.2	21	1.8	250	170	66
6225503	6255583	.57	559	2.0	2.0	.49	.49	9	37	1403	13	35	38	.60	8.3	8.8	.5	3.9	64	.4	.6	4.2	1708	2.1	66	.2	17	1.7	226	50	53
6225504	6255584	.97	773	.2	1.0	1.20	1.17	12	34	756	5	44	50	.60	13.2	13.2	.5	4.0	155	.7	.6	5.3	3680	2.0	103	.2	15	1.8	129	230	69
6225505	6255585	.69	525	1.4	1.0	.81	.74	8	37	701	7	41	43	.60	10.4	10.3	.5	4.5	89	.6	.6	5.2	2212	2.3	77	.2	18	1.6	189	150	62
6225506	6255586	.24	120	4.1	4.0	.09	.09	3	11	359	5	16	20	.50	3.4	3.8	.5	3.9	33	.1	.2	2.8	425	2.9	32	.2	16	1.1	159	150	31
6225507	6255587	.51	962	3.4	3.0	.19	.16	12	41	935	9	59	62	.50	8.9	8.4	5.0	4.7	32	.8	.5	8.1	1318	15.8	104	.2	26	2.1	161	50	75
6225508	6255588	.18	218	.2	2.0	.02	.05	4	3	742	3	15	11	.02	1.3	1.6	6.0	1.1	14	.1	.2	1.4	295	5.7	14	.2	7	.2	57	50	18
6225509	6255589	.45	920	4.4	5.0	.15	.16	11	185	592	6	31	48	.30	5.7	6.3	12.0	6.2	35	.5	.8	5.6	990	10.6	114	.2	38	1.3	215	50	60
6225511	6255590	.59	408	2.3	2.0	.50	.51	6	41	1132	6	36	39	.60	8.3	9.1	.5	4.1	66	.5	.6	4.3	1726	2.3	67	.2	18	1.8	207	50	55
6225512	6255591	.34	521	2.3	3.0	.27	.28	4	21	332	2	19	22	.30	4.9	5.4	.5	2.9	52	.1	.2	2.9	949	1.4	34	.2	14	1.2	133	50	32
6225513	6255592	.51	291	.2	2.0	.37	.36	5	32	577	9	36	37	.60	7.9	8.0	.5	5.0	52	.2	.7	4.5	1474	2.4	62	.2	22	2.1	165	140	53
6225514	6255593	.17	117	.2	2.0	.07	.07	2	8	736	3	11	9	.50	3.0	3.1	.5	2.3	27	.1	.2	1.8	385	1.4	27	.2	11	1.2	126	50	18
6225515	6255594	.07	227	.2	.5	.02	.02	3	22	228	1	2	1	.20	1.2	1.4	.5	2.6	17	.1	.2	.7	85	.8	6	.2	11	.9	291	50	8
	6275595																														
6225517	6255596	.31	145	.2	2.0	.13	.12	4	59	559	12	24	24	.50	5.9	5.9	5.0	6.2	39	.1	.8	4.0	763	3.2	49	.2	28	2.1	111	50	47
6225518	6255597	.55	787	7.6	6.0	.24	.29	18	386	1641	13	39	49	1.00	11.2	10.8	7.0	9.0	37	.4	1.2	6.6	1058	12.3	71	.2	37	3.4	414	50	97
6225519	6255598	.25	173	.2	.5	.21	.20	3	11	329	2	24	21	.30	4.3	4.5	.5	2.4	32	.3	.2	2.6	773	1.6	28	.2	9	.2	61	50	27
6225521	6255599	.61	328	.2	1.0	.30	.34	7	63	1248	6	48	48	.50	8.0	9.8	.5	8.9	63	.3	1.1	6.0	1571	5.7	69	.2	29	2.1	161	50	65
6225522	6255600	.26	86	.2	.5	.13	.13	2	24	213	2	14	11	.20	3.1	4.0	.5	4.2	59	.1	.5	2.3	504	1.1	17	.2	15	1.0	67	50	17
6225523	6255601	.38	212	5.4	5.0	.18	.18	4	41	723	3	10	13	.20	4.9	5.4	.5	2.9	47	.1	.2	2.6	1239	1.9	36	.2	12	.9	107	50	26
6225524	6255602	.41	255	.2	1.0	.19	.20	4	37	320	4	24	28	.30	5.8	6.6	.5	4.0	36	.1	.6	4.1	908	1.4	39	.2	16	1.5	113	50	39
6225525	6255603	.66	350	.2	.5	.69	.69	6	32	682	4	30	36	.20	8.8	9.2	.5	4.9	98	.4	.6	4.4	1880	2.4	58	.2	18	1.2	126	230	46
6225526	6255604	.55	445	2.4	2.0	.58	.52	7	46	1207	4	20	22	.20	7.7	7.6	.5	3.6	106	.4	.2	3.6	1700	1.8	48	.2	14	1.3	144	50	37
6225527	6255605	.41	383	1.2	2.0	.33	.31	5	25	839	6	18	24	.20	5.9	6.0	.5	2.5	57	.1	.2	2.8	1092	1.6	39	.2	10	1.0	95	50	31
6225528	6255606	.95	451	.2	.5	1.40	1.38	9	32	592	2	45	49	.30	12.9	12.7	.5	4.6	175	.5	.6	5.4	3179	1.9	86	.2	16	2.0	125	250	68
6225529	6255607	.41	212	.2	2.0	.23	.21	2	29	753	4	14	16	.20	5.4	5.4	.5	3.5	57	.1	.2	3.3	859	1.7	35	.2	13	1.2	98	50	25
6225531	6255608	.39	206	.2	.5	.26	.23	3	24	404	3	12	17	.20	5.3	5.3	.5	2.9	45	.1	.2	3.3	873	1.4	30	.2	10	.9	91	50	28
6225532	6255609	.38	221	.2	.5	.24	.22	3	20	416	3	14	18	.10	4.8	5.2	.5	2.8	43	.1	.2	3.2	876	1.4	29	.2	10	.7	90	50	28
	6275610																														
6225534	6255611	.04	46	2.0	3.0	.02	.03	1	2	480	2	2	1	.02	.3	.4	.5	.2	16	.1	.2	.3	83	.1	2	.2	1	.2	13	50	2
6225535	6255612	.43	402	.2	1.0	.32	.29	5	40	315	3	23	23	.20	6.5	6.3	.5	5.7	313	.1	.7	4.4	875	2.5	30	.2	20	1.9	89	50	39
6225536	6255613	.26	81	.2	.5	.13	.13	3	180	378	7	9	17	.40	5.7	6.3	.5	29.6	22	.1	2.5	7.1	419	5.0	19	.2	62	3.4	133	50	35
6225537	6255614	.73	362	3.2	4.0	.61	.54	8	47	1058	7	57	64	.50	12.1	11.6	.5	6.6	66	.6	.9	7.3	2024	3.4	88	.2	24	2.4	152	150	69
6225538	6255615	1.34	427	.2	1.0	1.20	1.12	13	45	444	10	97	108	1.10	16.8	16.6	.5	5.5	125	.9	.7	9.3	3623	4.5	137	1.0	18	2.1	107	290	103
6225539	6255616	.32	295	1.0	2.0	.11	.10	4	79	1137	10	23	28	.50	6.5	6.7	.5	7.6	35	.2	.8	6.6	559	3.5	34	.2	24	1.9	252	50	40
6225541	6255617	.33	160	.2	2.0	.19	.21	4	18	321	4	15	18	.30	5.2	5.6	.5	3.4	45	.1	.2	2.6	685	4.5	30	.2	18	1.0	100	50	28
6225542	6255618	.41	431	2.6	2.0	.22	.21	6	39	615	12	35	37	.60	9.2	9.3	.5	7.4	43	.4	1.0	5.2	1142	3.4	58	.2	30	2.7	237	50	52
6225543	6255619	.45	307	5.2	4.0	.37	.36	5	49	893	10	24	30	.60	7.7	8.1	.5	6.2	56	.4	.6	3.7	1173	2.2	53	.2	26	2.0	267	50	46
6225544	6255620	.24	104	.2	1.0	.12	.10	2	10	433	6	14	14	.40	3.9	4.2	.5	3.3	36	.1	.2	2.1	550	1.6	24	.2	14	1.3	115	50	25
6225545	6255621	.11	47	.2	2.0	.02	.04	1	21	338	7	6	5	.50	1.9	2.4	.5	4.5	37	.1	.6	1.3	202	1.4	10	.2	19	1.2	247	50	16
6225546	6255622	.43	152	.2	1.0	.19	.19	3	46	383	16	27	33	.90	6.7	7.5	.5	6.3	52	.1	.7	4.4	942	3.0	44	.2	26	1.8	312	130	54
6225547	6255623	.25	118	.2	1.0	.08	.09	2	13	420	9	19	18	.40	3.6	4.2	.5	3.2	33	.1	.2	2.3	484	1.5	29	.2	13	.9	133	50	32
6225548	6255624	.50	362	.2	.5	.49	.49	4	40	590	9	26	31	.40	7.5	8.0	.5	5.8	83	.1	.7	4.0	1387	2.6	53	.2	24	2.1	280	50	50
6225549	6255625	.35	339	6.1	5.0	.28	.28	7	86	826	6	18	28	.80	7.4	7.8	.5	5.4	58	.1	.7	4.0	1034	2.1	52	.2	27	2.6	499	50	48
6225551	6255626	.64	399	1.1	.5	.50	.48	8	35	373	8	61	66	.40	10.0	9.6	.5	4.9	80	.6	.5	6.4	1688	3.0	70	.2	17	1.6	144	180	55
6225552	6255627	.24	152	1.4	2.0	.15	.13	4	15	1066	4	19	17	.40	7.8	7.5	.5	5.3	35	.3	.6	3.5	905	2.1	43	.2	20	1.7	87	50	31
6225553	6255628	.35	238	.2	2.0	.24	.24	3	16	617	3	25	23	.30	5.9	5.8	.5	3.9	48	.2	.5	3.6	852	2.2	37	.2	16	1.3	111	50	34
6225554	6255629	.36	161	6.0	5.0	.41	.35	5	12	660	7	28	33	.50	8.7	7.5	.5	3.1	44	.4	.2	4.0	1388	2.7	62	.2	12	1.5	43	50	39
6225555	6255630	.68	326	1.7	2.0	.79	.72	8	22	799	5	55	55	.50	11.0	10.6	.5	5.2	85	.4	.6	5.7	2422	2.6	87	1.0	18	1.3	101	50	62
6225556	6255631	.76	792	8.0	7.0	.71	.74	9	43	837	7	51	60	.50	10.0	11.3	.5	4.8	97	.6	.6	5.8	2282	4.7	89	.2	20	1.4	198	50	64
6225557	6255632	.08	89	2.9	3.0	.02	.05	2	5	772	7	2	3	.20	1.6	1.8	2.0	.9	15	.1	.2	1.0	228	.9	14	.2	4	.2	23	50	10
6225558	6255633	.67	866	4.1	4.0	.72	.73	8	38	826	6	40	44	.50	10.0	9.7	.5	4.2	97	.5	.2	4.6	1955	2.3	73	.2	19	1.9	192	120	54
6225559	6255634	.56	233	3.8	4.0	.57	.50	6	29	791	8	43	48	.40	10.7	9.6	.5	5.7	58	.4	.8	5.4	1848	2.8	75	.2	21	2.1	154	50	52
6225561	6255635	.72	409	10.0	9.0	.83	.77	10	36	668	6	46	55	.50	10.5	10.3	.5	3.9	87	.7	.2	5.3	2120	2.0	83	.2	16	1.8	153	50	61
6225562	6255636	.69	364	.2	.5	1.00	.99	7	26	393	5	46	52	.40	10.3	10.3	.5	5.3	121	.6	.7	5.2	2241	2.3	73	.2	21	1.9	145	180	62
	6275637																														
6225564	6255638	.49	571	2.6	2.0	.39	.36	5	24	588	7	34	35	.40	7.4	7.5	.5	4.0	61	.4	.2	4.0	1262	1.9	56	.2	16	1.6	163	50	46
6225565	6255639	.72	1238	2.0	2.0	.82	.79	9	30	1012	10	45	43	.50	10.3	10.0	.5	3.7	102	.5	.5	4.4	2178	2.0	78	.2	16	1.5	148	160	52
6225566	6255640	.90	1492	.9	1.0	1.20	1.17	10	36	627	7	55	58	.60	12.8	12.5	.5	4.2	143	.7	.5	5.7	2888	2.4	101	.2	16	1.6	117	210	68
6225567	6255641	.68	569	2.9	2.0	.64	.56	6	34	580	8	44	45	.40	10.2	9.5	.5	4.4	79	.6	.6	4.8	1716	2.3	72	.2	19	1.8	163	50	54

Appendix 2: Schefferville Area

labnum	fldnum	Mg2 pct	Mn2 ppm	Mo1 ppm	Mo2 ppm	Na1 pct	Na2 pct	Nb2 ppm	Ni2 ppm	P2 ppm	Pb2 ppm	Rb1 ppm	Rb2 ppm	Sb1 ppm	Sc1 ppm	Sc2 ppm	Se1 ppm	Sm1 ppm	Sr2 ppm	Ta1 ppm	Tb1 ppm	Th1 ppm	Ti2 ppm	U1 ppm	V2 ppm	W1 ppm	Y2 ppm	Yb1 ppm	Zn2 ppm	Zr1 ppm	Zr2 ppm
6225568	6255642	.52	384	1.8	2.0	.27	.21	6	36	1164	8	34	43	.70	12.2	11.0	.5	5.8	32	.3	.8	6.1	1574	3.2	82	.2	22	2.1	153	50	57
6225569	6255643	.68	680	.7	1.0	.52	.62	8	33	1127	12	45	51	.60	7.8	10.2	.5	4.4	75	.5	.7	5.3	1887	2.8	82	.2	17	.9	213	50	59
6225571	6255644	.38	931	14.0	12.0	.31	.30	8	40	1426	6	26	25	.30	6.3	6.6	.5	3.6	51	.1	.2	3.4	979	4.0	49	.2	16	1.1	217	50	36
6225572	6255645	.06	114	2.2	3.0	.02	.03	2	8	750	5	2	1	.20	1.3	1.2	.5	1.2	15	.1	.2	.8	110	.5	7	.2	6	.2	30	50	6
6225573	6255646	.76	541	5.4	5.0	.75	.67	9	37	852	6	56	58	.60	11.8	11.1	.5	4.3	76	.6	.2	5.9	2181	2.8	99	1.0	17	1.8	156	50	67
6225574	6255647	.17	181	13.0	12.0	.12	.12	2	33	868	9	8	14	1.20	4.2	4.2	3.0	4.4	55	.1	.7	2.9	313	3.3	41	.2	24	1.4	296	50	25
6225575	6255648	.94	511	8.4	7.0	1.20	1.16	11	75	303	10	71	70	1.20	13.7	13.4	.5	5.1	139	.7	.8	7.1	2882	4.2	120	1.0	21	2.2	394	190	77
6225576	6255649	.22	183	3.8	4.0	.15	.12	2	35	734	4	12	12	.70	4.9	4.8	.5	5.1	54	.2	.7	3.1	483	3.8	33	.2	23	1.6	309	50	27
6225577	6255650	.75	316	.9	1.0	.89	.81	7	41	413	7	48	44	.70	11.2	10.4	.5	4.2	98	.6	.6	5.4	2109	3.2	87	.2	16	2.1	135	50	58
6225578	6255651	.59	387	.2	.5	.70	.73	5	17	417	3	33	33	.40	7.9	8.4	.5	3.4	98	.4	.2	3.8	1729	2.1	61	.2	13	1.1	68	50	43
6225579	6255652	.31	380	1.6	3.0	.22	.20	3	14	407	3	23	23	.30	4.7	5.0	.5	3.3	52	.1	.2	2.5	732	2.1	31	.2	13	.2	263	200	25
	6275653																														
6225582	6255654	.10	164	1.3	2.0	.02	.04	1	15	395	1	2	1	.20	1.5	1.7	.5	2.1	50	.1	.2	1.1	144	.9	8	.2	10	.6	136	50	11
6225583	6255655	.73	508	3.0	3.0	.72	.71	8	42	785	6	46	42	.60	10.3	10.8	.5	4.4	82	.7	.6	5.1	1931	2.4	83	.2	19	1.9	190	50	60
6225584	6255656	.81	460	1.5	2.0	.73	.70	8	70	537	11	62	64	.90	12.4	12.7	.5	6.1	87	.5	.7	7.0	2306	3.4	102	.2	25	2.5	312	50	83
6225585	6255657	.87	366	2.5	3.0	.80	.74	9	60	322	10	65	71	1.20	12.9	12.5	.5	5.0	103	.7	.7	6.9	2449	4.5	108	1.0	20	1.9	251	180	71
6225586	6255658	.46	507	11.0	9.0	.34	.30	7	103	1051	8	33	40	1.40	8.2	8.2	.5	5.9	52	.3	.8	5.1	865	4.4	76	.2	29	2.4	934	50	56
6225587	6255659	.48	779	7.3	6.0	.43	.37	7	47	1219	7	34	33	.50	8.4	7.8	.5	4.4	52	.3	.6	4.1	1185	2.4	65	.2	19	2.0	219	50	45
6225588	6255660	.51	581	11.0	9.0	.41	.36	11	53	1382	7	39	42	.80	10.0	9.3	.5	3.8	43	.4	.6	4.6	1303	2.2	81	.2	18	2.2	185	50	56
6225589	6255661	1.12	400	2.4	2.0	1.10	.95	11	70	372	11	87	91	1.00	16.7	15.4	.5	5.7	108	1.1	.6	8.4	3278	4.4	130	.2	21	2.7	215	140	88
6225591	6255662	.80	333	1.5	2.0	.86	.75	9	41	406	8	73	72	.70	13.5	12.3	.5	4.5	84	.8	.7	6.9	2704	3.5	105	.2	16	1.8	171	210	75
6225592	6255663	.49	273	1.8	2.0	.16	.11	4	25	723	6	64	71	.40	9.2	8.5	.5	5.7	30	.6	.8	9.0	748	3.9	64	.2	24	1.8	129	50	57
6225593	6255664	.52	280	1.6	1.0	.16	.13	5	28	566	6	67	72	.50	8.5	8.9	.5	5.8	32	.5	.8	9.3	857	4.2	71	.2	24	1.8	122	120	62
6225594	6255665	.41	4399	2.1	.5	.08	.04	41	46	1609	22	70	67	.50	9.3	9.9	.5	9.5	35	2.8	1.1	12.3	1761	8.2	166	2.0	36	3.3	88	50	184
6225595	6255666	.30	823	1.0	.5	.25	.24	26	64	499	10	48	44	.70	6.1	6.6	.5	10.2	39	1.2	1.1	5.4	937	10.5	93	.2	28	2.6	159	50	68
	6275667																														
6225597	6255668	.18	1632	.2	2.0	.09	.08	10	138	1773	5	23	25	.40	3.6	4.0	.5	19.1	17	.8	2.3	3.5	522	11.7	58	.2	103	4.8	453	50	40
6225598	6255669	.20	1489	9.0	6.0	.06	.05	12	173	267	7	16	19	.50	2.5	3.0	.5	11.3	12	.4	1.5	2.2	266	12.3	46	.2	67	4.3	792	180	30
	6275670																														
6225601	6255671	.73	764	.6	.5	.60	.62	22	39	818	13	99	105	1.00	10.9	12.1	.5	6.1	105	1.3	.8	11.0	2262	4.3	94	.2	24	2.1	76	250	108
6225602	6255672	.56	877	7.0	7.0	.23	.22	8	85	579	8	74	79	.40	8.3	9.0	.5	10.2	36	.5	1.2	7.2	1215	5.2	59	.2	54	3.0	211	50	59
6225603	6255673	1.04	415	1.1	1.0	1.00	.99	15	48	538	18	130	134	1.70	13.3	13.6	.5	6.7	117	1.0	.9	13.7	2956	6.0	116	2.0	23	2.4	148	50	122
6225604	6255674	.49	803	1.4	1.0	.15	.12	9	18	2181	3	61	65	.30	10.0	9.6	.5	4.9	23	.6	.6	6.6	1429	2.1	56	.2	26	1.7	169	50	57
6225605	6255675	.25	119	.9	.5	.13	.13	3	5	304	2	28	29	.10	3.6	3.8	.5	1.9	24	.3	.2	2.9	569	4.4	22	.2	11	.2	50	50	27
6225606	6255676	.63	587	3.1	1.0	.36	.36	7	21	1528	13	73	79	.40	8.5	9.4	.5	4.3	46	.4	.6	6.9	1441	4.8	65	.2	21	1.4	155	50	59
6225607	6255677	.40	185	2.8	3.0	.24	.24	5	28	1632	10	51	56	.70	7.6	7.8	.5	7.5	35	.5	.8	7.4	1205	4.3	62	.2	25	1.9	110	50	56
6225608	6255678	.72	357	2.6	3.0	.48	.47	8	33	2063	12	81	91	.80	12.0	11.8	.5	6.9	53	.7	.8	10.0	1896	4.8	86	1.0	27	2.4	231	150	74
6225609	6255679	.44	258	.2	.5	.39	.39	7	14	567	8	51	60	.20	5.9	6.3	.5	3.1	61	.6	.2	5.7	1330	2.8	41	.2	13	1.1	92	120	51
6225611	6255680	.33	419	.2	.5	.20	.20	23	54	2981	10	38	41	.40	6.4	6.8	.5	3.2	24	.3	.2	4.9	844	2.1	40	.2	14	1.3	118	50	46
6225612	6255681	.33	320	.2	2.0	.23	.22	6	24	1772	8	36	37	.30	6.8	6.6	.5	6.4	33	.3	.9	6.4	1020	3.5	51	.2	27	2.1	144	50	46
	6275682																														
	6275683																														

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225039	6255166	33	7.27	19	1	2.0	.05	4.07	.5	.5	.2	.2	17	.05	.4	.94	8.3	.5	.27	1.0	2	.2	1.33	1.00	6.1	.1	-9.000	.5	.05	6.0
6225041	6255167	14	7.00	30	1	1.2	.05	1.55	.5	.5	1.2	.2	44	.05	.1	.65	3.3	.5	.16	.5	2	.2	.39	.32	3.1	.1	-9.000	.1	.05	.5
6225042	6255168	34	7.19	43	1	2.6	.05	3.70	.5	.5	.2	.2	70	.03	.1	1.61	5.8	.5	.53	.5	2	.2	.99	.56	9.1	.1	-9.000	.1	.05	.5
6225043	6255169	27	7.15	25	1	1.3	.05	2.34	.5	.5	.2	.2	93	.04	.1	1.38	3.1	.5	.49	.5	2	.2	1.24	1.27	6.1	.1	-9.000	.1	.05	.5
6225044	6255170	43	7.40	52	1	2.4	.05	5.06	.5	.5	.2	.2	56	.06	.1	1.60	4.0	.5	.54	1.0	2	.2	1.27	2.05	9.4	.1	-9.000	.1	.05	2.0
6225045	6255171	19	7.04	27	1	1.0	.05	1.78	.5	.5	.2	.2	26	.04	.1	.77	9.0	1.0	.27	.5	2	.2	1.00	.60	3.9	.5	-9.000	.1	.05	.5
6225046	6255172	14	6.99	42	1	.7	.05	1.52	.5	.5	.2	.2	46	.01	.1	.55	5.1	.5	.22	.5	2	.2	.83	.41	2.9	.1	-9.000	.1	.05	.5
6225047	6255173	15	7.05	28	1	.8	.05	1.46	.5	.5	.2	.2	31	.06	.1	.66	11.8	.5	.21	.5	2	.2	.73	.47	3.1	.2	-9.000	.1	.05	.5
6225048	6255174	15	7.01	28	1	.8	.05	1.70	.5	.5	.2	.2	18	.05	.1	.63	4.2	.5	.23	.5	2	.2	.89	.45	3.2	.1	-9.000	.1	.05	.5
6225049	6255175	18	7.17	15	1	.7	.05	1.85	.5	.5	.2	.2	34	.05	.1	.92	8.2	.5	.28	.5	2	.2	.89	.48	4.0	.1	-9.000	.1	.05	1.0
6225051	6255176	9	5.13	85	1	1.3	.05	.41	.5	.5	.2	.2	405	.06	.1	.27	21.6	.5	.04	.5	10	.2	.07	.33	1.4	.3	-9.000	.1	.05	2.0
6225052	6255177	10	6.75	27	1	.5	.05	1.17	.5	.5	.2	.2	19	.07	.1	.42	5.0	.5	.05	.5	2	.2	.53	.22	2.3	.1	-9.000	.1	.05	.5
6225053	6255178	14	6.92	49	1	.7	.05	1.75	.5	.5	.2	.2	78	.01	.1	.61	3.3	.5	.18	.5	2	.2	.51	.37	3.5	.2	-9.000	.1	.05	.5
6225054	6255179	17	7.13	69	1	1.2	.05	2.37	.5	.5	.2	.2	278	.04	.1	.72	8.0	.5	.14	.5	2	.2	.75	.34	3.8	.4	-9.000	.1	.05	1.0
6225055	6255180	10	6.85	76	1	.6	.05	1.20	.5	.5	1.5	.2	65	.03	.1	.44	6.7	2.0	.11	.5	2	1.0	.70	.19	2.1	.6	-9.000	.1	.05	.5
6225056	6255181	11	6.91	68	1	.5	.05	1.32	.5	.5	.2	.2	33	.01	.1	.52	2.6	.5	.11	.5	2	.2	.91	.18	2.1	.1	-9.000	.1	.05	.5
6225057	6255182	10	6.83	35	1	.3	.05	1.16	.5	.5	.2	.2	5	.03	.1	.49	1.1	.5	.09	.5	2	.2	.41	.17	1.8	.1	-9.000	.1	.05	.5
6225058	6255183	23	7.27	34	1	.9	.05	2.96	.5	.5	.2	.2	5	.07	.2	.83	1.1	.5	.19	.5	2	.2	.64	.39	5.5	.1	-9.000	.2	.05	.5
6225059	6255184	50	7.38	27	1	1.2	.05	5.56	.5	.5	.2	.2	15	.06	.1	2.07	4.5	.5	.50	.5	2	.2	1.41	2.93	11.3	.1	-9.000	.1	.05	1.0
6225061	6255185	21	7.11	89	1	.8	.05	2.78	.5	.5	.2	.2	388	.04	.1	1.04	15.2	.5	.20	6.0	5	.2	1.03	.22	4.0	.4	-9.000	.3	.05	2.0
6225062	6255186	26	7.16	44	1	1.2	.05	2.88	.5	.5	.2	.2	20	.03	.1	1.23	6.8	.5	.24	.5	2	.2	1.36	.45	5.2	.1	-9.000	.1	.05	.5
6225063	6255187	17	6.97	24	1	.6	.05	1.92	.5	.5	.2	.2	5	.01	.1	.70	3.7	.5	.11	.5	2	.2	.91	.25	3.3	.1	-9.000	.1	.05	1.0
6225064	6255188	17	7.00	23	1	.8	.05	1.90	.5	.5	.2	.2	5	.04	.1	.70	3.5	.5	.11	.5	2	.2	.90	.26	3.3	.1	-9.000	.1	.05	.5
6225065	6255189	22	7.12	36	1	.7	.05	2.67	.5	.5	.2	.2	18	.06	.4	.92	3.9	3.0	.21	.5	2	3.0	1.09	.51	4.9	.7	-9.000	.1	.05	.5
6225066	6255190	96	7.68	27	1	4.7	.05	9.35	.5	.5	.2	.5	153	.33	2.6	5.81	22.9	.5	.53	1.0	7	.2	2.08	3.15	24.3	.1	-9.000	.1	.05	2.0
6225067	6255191	39	7.31	17	1	1.0	.05	4.67	.5	.5	.6	.2	50	.12	.1	1.85	1.7	.5	.27	.5	2	.2	.55	.43	30.0	.1	-9.000	.5	.05	2.0
6225068	6255192	35	7.31	24	1	1.1	.05	4.45	.5	.5	.2	.2	12	.14	.2	1.23	1.3	.5	.45	.5	2	.2	.90	.53	26.0	.1	-9.000	.2	.05	1.0
6225069	6255193	16	4.73	65	1	1.4	.05	.53	.5	.5	.2	.2	201	.05	.4	.59	17.5	.5	.03	.5	9	.2	.14	.68	1.9	.1	-9.000	.2	.05	3.0
6225071	6255194	83	7.73	25	1	3.3	.05	7.91	.5	.5	.2	.2	113	.26	2.1	4.88	14.1	.5	.64	.5	5	.2	1.92	2.87	21.6	.1	-9.000	.1	.05	.5
6225072	6255195	44	7.50	17	1	1.3	.05	4.60	.5	.5	.2	.2	18	.17	.4	2.09	5.3	.5	.44	.5	2	.2	1.00	1.08	19.7	.1	-9.000	.2	.05	.5
6225073	6255196	60	7.61	29	1	1.9	.05	6.27	.5	.5	.2	1.3	122	.21	1.4	3.35	23.8	.5	.57	.5	2	.2	1.36	1.80	22.3	.1	-9.000	.3	.05	2.0
6225074	6255197	50	7.45	20	1	.8	.05	6.00	.5	.5	.2	1.5	42	.08	.7	2.32	18.5	.5	.39	.5	2	.2	1.11	.79	10.6	.1	-9.000	.2	.05	1.0
6225075	6255198	66	7.64	51	1	.8	.05	9.45	.5	.5	.2	2.8	256	.05	.6	2.18	26.0	3.0	.40	.5	2	.2	1.72	.93	12.6	.7	-9.000	.4	.05	2.0
6225076	6255199	13	6.92	82	1	.6	.05	1.56	.5	.5	.2	.6	178	.01	.1	.49	9.4	.5	.04	.5	5	.2	.52	.34	2.7	.3	-9.000	.1	.05	1.0
6225077	6255200	19	7.00	55	1	.7	.05	2.00	.5	.5	.2	.2	70	.05	.1	.93	5.0	.5	.21	.5	2	.2	.92	.56	4.2	.3	-9.000	.1	.05	1.0
6225078	6255201	12	6.69	68	1	.7	.05	1.18	.5	.5	.2	.2	96	.01	.1	.63	2.3	.5	.11	.5	2	.2	.21	.33	2.8	.2	-9.000	.1	.05	1.0
	6275202	17	6.71	31	1	1.2	.05	2.42	.5	.5	.8	.2	437	.09	.2	.59	20.6	.5	.05	.5	6	.2	1.75	.24	5.4	.1	-9.000	.3	.05	1.0
	6275203	37	7.17	54	1	.7	.05	4.00	.5	.5	.2	.2	252	.06	.5	1.60	27.0	.5	1.08	.5	2	.2	1.15	1.15	10.5	.3	-9.000	.1	.05	2.0
6225082	6255204	42	7.21	79	1	.6	.05	4.80	.5	.5	.2	1.3	100	.01	1.3	1.71	4.2	.5	.64	.5	2	.2	1.12	1.74	13.4	.1	-9.000	.1	.05	1.0
	6275205	33	7.12	70	1	.5	.05	4.08	.5	.5	.2	.2	359	.01	1.0	1.44	9.1	.5	.43	1.0	2	.2	.97	1.40	11.2	.3	-9.000	.1	.05	1.0
6225084	6255206	30	6.98	30	1	.9	.05	3.37	.5	.5	.2	.8	95	.05	1.0	1.43	2.2	.5	.41	.5	2	.2	.67	1.55	12.4	.1	-9.000	.1	.05	1.0
6225085	6255207	26	6.82	47	1	.9	.05	2.61	.5	.5	.2	2.3	150	.05	1.2	1.50	10.7	2.0	.51	.5	2	.2	.37	1.04	11.5	.6	-9.000	.1	.05	2.0
6225086	6255208	26	6.91	44	1	.7	.05	2.60	.5	.5	.2	1.0	176	.08	.9	1.51	12.9	.5	.52	.5	5	.2	.37	1.03	11.4	.1	-9.000	.1	.05	2.0
6225087	6255209	18	6.84	44	1	.8	.05	2.26	.5	.5	.2	.7	83	.01	.1	.80	3.2	.5	.15	.5	2	.2	.80	.29	3.6	.2	-9.000	.1	.05	1.0
6225088	6255210	25	6.90	28	1	.6	.05	2.31	.5	.5	.2	.2	68	.04	1.5	1.44	9.3	.5	.42	.5	2	.2	.24	.95	9.8	.1	-9.000	.1	.05	1.0
6225089	6255211	30	6.99	54	1	.7	.05	3.28	.5	.5	.2	.9	141	.05	.9	1.44	9.3	.5	.58	.5	2	.2	.67	1.29	11.2	.1	-9.000	.2	.05	2.0
6225091	6255212	54	7.29	44	1	1.9	.05	6.71	.5	.5	.2	.2	220	.07	2.1	2.24	12.2	.5	.76	1.0	5	.2	.70	2.11	13.7	.1	-9.000	.1	.05	1.0
6225092	6255213	9	5.69	62	1	.6	.05	.73	.5	.5	.2	.2	495	.01	.1	.60	31.2	.5	.06	.5	2	.2	.25	.12	1.7	.1	-9.000	.1	.05	3.0
6225093	6255214	40	7.31	22	1	.7	.05	5.76	.5	.5	.2	.2	228	.05	.7	1.56	40.7	.5	.27	.5	2	.2	.42	.36	14.7	.1	-9.000	.2	.05	1.0
6225094	6255215	31	7.08	67	1	1.3	.05	3.84	.5	.5	.2	.6	513	.05	.8	1.60	12.1	.5	.49	.5	2	.2	1.00	.66	8.4	.2	-9.000	.1	.05	2.0
6225095	6255216	6	6.05	89	4	.6	.05	.52	.5	.5	.2	.2	246	.01	.7	.30	4.9	2.0	.05	.5	2	1.0	.24	.17	1.3	.8	-9.000	.1	.05	2.0
6225096	6255217	29	7.01	76	3	1.4	.05	3.03	.5	.5	.2	1.1	57	.01	.7	1.41	5.0	.5	.53	.5	7	.2	.78	1.41	6.8	.2	-9.000	.1	.05	3.0
6225097	6255218	18	7.33	32	1	.6	.05	2.57	.5	.5	.2	.7	51	.03	.1	.58	2.8	.5	.10	.5	2	.2	.79	.56	3.5	.1	-9.000	.1	.05	2.0
6225098	6255219	13	6.82	40	2	.7	.05	1.65	.5	.5	.2	.2	40	.03	.2	.50	3.8	.5	.10	.5	2	.2	.64	.42	3.0	.1	-9.000	.1	.05	.5
6225099	6255220	15	6.50	86	1	.8	.05	1.43	.5	.5	.2	.6	199	.01	.1	.77	3.2	.5	.30	.5	9	.2	.14	.51	3.6	.6	-9.000	.3	.05	1.0
6225101	6255221	53	7.35	46	1	1.9	.05	6.77	.5	.5	.2	1.7	40	.08	1.4	2.28	5.7	.5	.63	1.0	2	.2	.96	2.22	11.0	.1	-9.000	.1	.05	1.0
6225102	6255222	101	7.60	28	1	1.0	.05	13.96	.5	.5	.2	1.1	5	.08	2.0	3.35	5.7	.5	.38	.5	2	.2	1.28	6.74	17.2	.1	-9.000	.1	.05	2.0
6225103	6255223	27	7.22	23	1	.8	.05	2.64	.5	.5	.2	.2	21	.12	.1	1.78	7.8	.5	.23	.5	2	.2	1.37	.84	4.3	.1	-9.000	.1	.05	.5
6225104	6255224	26	7.09	17	1	.8	.05	2.61	.5	.5	.2	.2	18	.09	.4	1.79	8.6	.5	.45	.5	2	.2	.57	.37	9.8	.1	-9.000	.1	.05	1.0
	6275225	18	6.71	30	5	1.0	.05	.17	.5	.5	.2	.2	443	.28	.1	.09	3.5	2.0	.01	.5	14	1.0	.02	.19	.5	.5	-9.000	.1	.05	2.0
6225106	6255226	21	7.03	57	1	.9	.05	1.93	.5	.5	.2	.2	169	.03	.1	1.53	11.7	.5	.24	.5	2	.2	.26	.11	6.6	.1	-9.000	.1	.05	1.0
	6275227	13	5.87	25	1	.9	.05	.24	.5	.5	.2	.2	79	.10	.1	.16	5.7	.5	.01	.5	8	.2	.21	.08	.9	.1	-9.000	.1	.05	2.0
6225108	6255228	10	6.52	25	1	.7	.05	.96	.5	.5	.6	.2	23	.03	.1	.49	5.7	.5	.07	.5	2	.2	.44	.28	1.7	.1	-9.000	.1	.05	1.0
6225109	6255229	10	6.65	22	1	.8	.05	.95	.5	.5	.2	.2	16	.05	.5	.48	5.3	.5	.11	.5	2	.2	.44	.28	1.7	.1	-9.000	.3	.05	1.0
6225111	6255230	6	5.37	101	1	1.3	.05	.30	.5	.5	1.1	.2	167	.06	.2	.21	11.0	.5	.02	.5	6	.2	.03	.14	.9	.6	-9.000	.3	.05	2.0
6225112	6255231	22	6.99	21	1	1.0	.05	2.14	.5	.5	1.1	.2	58	.09	.1	1.25	26.1	.5	.40	.5	5	.2	.67	.35	6.8	.1	-9.000	.1	.05	1.0
6225113	6255232	14	6.77	76	1	.8	.05	1.51	.5	.5	.2	.2	267	.04	.1	.76	6.3	.5	.22	2.0	6	.2	.34	.12	3.2	.2	-9.000	.1	.05	4.0
6225114	6255233	18	6.83	41	1	1.0	.05	1.71	.5	.5	.2	3.9	187	.09	.1	1.11	7.8	.5	.31	2.0	7	.2	.68	.16	4.4	.2	-9.000	.1	.05	3.0

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225115	6255234	25	7.06	67	1	1.7	.05	2.18	.5	.5	.7	3.5	279	.07	.6	1.58	9.3	2.0	.54	.5	9	.2	.78	.67	5.9	.9	-9.000	.3	.05	2.0
6225116	6255235	24	7.21	22	1	.8	.05	2.38	.5	.5	.2	2.9	129	.07	.1	1.38	36.3	.5	.42	.5	6	.2	.60	.36	7.6	.2	-9.000	.1	.05	2.0
6225117	6255236	29	7.23	37	4	1.3	.05	2.85	.5	.5	.2	3.3	84	.03	.5	1.74	10.3	.5	.36	.5	5	.2	.59	.68	6.1	.1	-9.000	.3	.05	2.0
6225118	6255237	16	6.83	34	1	.7	.05	1.40	.5	.5	.2	7.0	49	.05	.1	.83	5.2	.5	.33	.5	2	.2	.71	.40	3.6	.1	-9.000	.1	.05	2.0
6225119	6255238	16	6.90	23	1	.7	.05	1.54	.5	.5	.2	.2	69	.07	.1	.91	12.0	.5	.25	.5	2	.2	.51	.18	3.8	.1	-9.000	.2	.05	1.0
6225121	6255239	20	7.02	68	1	.9	.05	2.03	.5	.5	.2	.2	61	.09	.2	1.02	2.6	.5	.56	.5	6	.2	.68	.37	6.4	.2	-9.000	.1	.05	.5
6225122	6255240	17	6.78	39	1	.9	.05	1.50	.5	.5	.2	.2	88	.06	.1	.87	14.5	.5	.39	.5	2	.2	.88	.39	4.0	.2	-9.000	.3	.05	1.0
6225123	6255241	26	7.06	46	1	.9	.05	2.71	.5	.5	.2	.2	151	.03	.1	1.65	1.8	.5	.49	1.0	2	.2	1.52	.50	6.6	.1	-9.000	.4	.10	3.0
6225124	6255242	29	7.19	19	1	.5	.05	2.91	.5	.5	.2	.2	49	.08	.5	1.71	8.5	.5	.42	.5	2	.2	.89	.61	8.2	.1	-9.000	.1	.05	.5
6225125	6255243	47	7.37	23	1	.9	.05	7.95	.5	.5	.2	.2	85	.03	.2	1.30	4.1	.5	.17	.5	2	.2	2.32	.49	14.0	.1	-9.000	.3	.05	.5
6225126	6255244	23	6.50	81	1	1.1	.05	2.25	.5	.5	.2	.2	507	.08	.8	1.25	3.5	.5	.63	1.0	2	.2	.29	.76	9.4	.5	-9.000	.4	.05	2.0
6225127	6255245	24	6.76	69	1	.5	.05	2.00	.5	.5	.2	.2	15	.04	1.9	1.31	1.2	.5	.53	1.0	2	.2	.83	1.86	7.2	.1	-9.000	.2	.05	.5
6225128	6255246	33	7.15	84	4	.6	.05	3.35	.5	.5	.2	.2	142	.10	1.8	2.10	5.8	.5	.55	.5	2	.2	1.17	1.52	15.2	.2	-9.000	.3	.10	.5
6225129	6255247	27	7.05	34	1	.7	.05	2.68	.5	.5	.2	.2	92	.08	1.6	1.20	10.1	.5	.81	.5	6	.2	.55	1.14	10.8	.1	-9.000	.1	.05	1.0
6225131	6255248	18	7.00	71	1	1.1	.05	2.11	.5	.5	.2	.2	137	.05	.1	.81	11.0	.5	.38	.5	2	.2	1.26	.39	4.0	.3	-9.000	.1	.20	7.0
6225132	6255249	17	7.13	60	1	1.1	.05	2.11	.5	.5	.2	.2	118	.05	.1	.80	9.4	.5	.39	.5	2	.2	1.25	.35	3.9	.3	-9.000	.2	.05	1.0
6225133	6255250	105	7.86	14	1	.5	.05	9.77	.5	.5	.2	.2	20	.50	1.2	6.66	5.4	.5	.65	.5	2	.2	2.12	3.15	21.6	.1	-9.000	.1	.05	.5
6225134	6255251	68	7.68	19	1	1.1	.05	5.76	.5	.5	.2	.2	37	.29	1.3	4.74	10.3	.5	.29	.5	2	.2	1.25	2.17	12.9	.1	-9.000	.1	.10	.5
6225135	6255252	18	7.18	11	1	.4	.05	1.39	.5	.5	.2	.2	13	.11	.7	1.22	3.8	.5	.13	.5	2	.2	.73	.35	2.5	.1	-9.000	.1	.05	1.0
6225136	6255253	29	7.52	13	1	.5	.05	2.89	.5	.5	.2	.2	5	.12	.7	1.60	4.9	.5	.51	.5	2	.2	.56	.80	8.5	.1	-9.000	.1	.05	1.0
6225137	6255254	77	7.57	22	1	1.7	.05	8.21	.5	.5	.2	1.7	46	.08	1.9	4.46	9.7	.5	.93	4.0	2	.2	1.74	2.21	23.0	.1	-9.000	.1	.05	1.0
6225138	6255255	21	7.21	32	1	.7	.05	1.97	.5	.5	.2	.2	81	.07	.4	1.18	15.6	.5	.46	.5	6	.2	.61	.45	3.8	.1	-9.000	.3	.05	.5
6225139	6255256	16	6.94	37	1	.9	.05	1.79	.5	.5	.2	.2	92	.10	.4	.84	7.5	.5	.32	.5	2	.2	.41	.28	3.4	.1	-9.000	.5	.05	.5
6225141	6255257	20	7.10	30	2	.7	.05	2.26	.5	.5	.2	.2	43	.10	.1	.91	14.7	.5	.46	.5	2	.2	.87	.42	4.5	.1	-9.000	.3	.05	.5
6225142	6255258	22	7.07	71	2	1.0	.05	2.31	.5	.5	.2	.2	199	.04	.1	.99	24.8	.5	.54	.5	7	.2	.72	.44	4.7	.4	-9.000	.4	.05	1.0
6225143	6255259	17	6.73	21	2	.7	.05	1.88	.5	.5	.2	.2	523	.01	.7	1.06	6.0	.5	.33	.5	6	.2	.25	.11	5.7	.1	-9.000	.1	.05	1.0
6225144	6255260	22	6.95	33	1	.9	.05	2.33	.5	.5	.2	.2	347	.08	.4	1.16	5.4	.5	.58	.5	7	.2	.24	.62	7.7	.2	-9.000	.1	.05	1.0
6225145	6255261	20	6.44	110	1	.9	.05	1.70	.5	.5	.2	.2	149	.05	.1	.92	5.9	.5	.37	1.0	2	.2	.58	1.60	3.6	.2	-9.000	.4	.10	5.0
6225146	6255262	15	6.90	76	1	.8	.05	1.61	.5	.5	.7	1.8	116	.01	.4	.88	6.1	.5	.37	5.0	6	.2	.43	.25	3.9	.2	-9.000	.3	.05	2.0
6225147	6255263	19	6.96	68	1	1.3	.05	1.90	.5	.5	.2	.6	141	.09	.1	1.08	5.4	.5	.48	1.0	8	.2	.47	.39	4.3	.4	-9.000	.2	.05	1.0
6225148	6255264	17	6.91	22	1	.7	.05	1.76	.5	.5	.2	.2	90	.01	.1	.99	18.9	.5	.39	.5	2	.2	.58	.21	4.4	.1	-9.000	.1	.05	.5
6225149	6255265	18	6.88	20	1	.7	.05	1.84	.5	.5	1.3	.2	74	.03	.3	1.02	13.9	.5	.44	.5	2	.2	.76	.25	5.3	.1	-9.000	.1	.05	.5
6225151	6255266	21	7.07	34	1	.8	.05	2.16	.5	.5	.2	.2	165	.04	.7	1.14	19.5	.5	.50	.5	2	.2	1.08	.30	6.2	.1	-9.000	.3	.05	1.0
6225152	6255267	19	6.98	25	1	.7	.05	1.90	.5	.5	1.2	.2	67	.07	.1	1.02	11.3	.5	.43	.5	2	.2	.89	.30	4.9	.2	-9.000	.1	.05	.5
6225153	6255268	19	7.07	27	2	.8	.05	1.92	.5	.5	.2	.2	77	.06	.1	1.07	12.9	.5	.51	.5	6	.2	.86	.31	5.2	.1	-9.000	.2	.05	1.0
6225154	6255269	18	6.87	41	1	1.2	.05	1.45	.5	.5	.2	.2	64	.06	.1	.98	11.4	.5	.58	.5	2	.2	1.68	.65	3.7	.1	-9.000	.3	.20	6.0
6225155	6255270	21	6.98	31	3	1.0	.05	1.96	.5	.5	.2	.2	140	.15	.1	1.26	27.5	.5	.50	.5	7	.2	.63	.71	5.0	.1	-9.000	.3	.05	2.0
6225156	6255271	18	6.74	37	1	.8	.05	1.74	.5	.5	.2	.2	153	.05	.4	1.08	3.8	.5	.49	.5	2	.2	.65	.49	3.7	.2	-9.000	.2	.05	1.0
6225157	6255272	19	6.74	40	1	.8	.05	1.75	.5	.5	.2	.2	183	.04	.1	1.10	5.1	.5	.52	.5	5	.2	.66	.50	3.7	.2	-9.000	.1	.05	1.0
6225158	6255273	4	5.46	29	1	.6	.05	.33	.5	.5	.2	.2	202	.03	.3	.19	8.8	.5	.01	.5	2	.2	.26	.04	.9	.1	-9.000	.1	.05	2.0
6225159	6255274	22	7.00	46	1	1.5	.05	1.91	.5	.5	.2	.2	137	.10	.5	1.46	16.2	.5	.63	.5	2	.2	.23	.39	5.3	.2	-9.000	.3	.05	1.0
6225161	6255275	9	5.98	76	1	.8	.05	.60	.5	.5	.7	.2	296	.04	.5	.52	12.7	.5	.25	.5	8	.2	.07	.31	1.6	.4	-9.000	.2	.20	1.0
6225162	6255276	18	6.70	52	1	1.4	.05	1.66	.5	.5	.2	.2	103	.07	.1	1.02	22.5	.5	.51	2.0	7	.2	.42	.52	4.6	.4	-9.000	.2	.05	1.0
6225163	6255277	18	6.90	40	1	1.2	.05	1.66	.5	.5	.2	.2	97	.08	.6	1.03	21.3	.5	.66	.5	6	.2	.42	.53	4.5	.2	-9.000	.3	.05	1.0
6225164	6255278	18	6.82	33	1	1.0	.05	1.68	.5	.5	.2	.2	82	.06	.1	.97	5.8	.5	.47	.5	2	.2	1.04	.42	4.6	.1	-9.000	.1	.05	.5
6225165	6255279	17	6.95	30	4	.9	.05	1.66	.5	.5	.2	.2	38	.06	.1	.85	4.0	.5	.49	.5	2	.2	1.10	.42	4.5	.1	-9.000	.5	.05	.5
6225166	6255280	32	6.94	57	2	1.1	.05	2.95	.5	.5	.2	.2	80	.07	1.0	1.71	6.3	.5	.90	.5	6	.2	2.42	.85	9.5	.3	-9.000	.1	.05	.5
6225167	6255281	26	7.08	47	1	.8	.05	2.42	.5	.5	.2	.2	59	.04	.1	1.51	4.7	.5	.53	.5	2	.2	1.57	.89	5.7	.2	-9.000	.1	.05	.5
6225168	6255282	20	7.06	23	1	.7	.05	2.00	.5	.5	.2	.2	32	.08	.1	1.06	5.4	.5	.42	.5	2	.2	.45	.50	5.1	.1	-9.000	.1	.10	1.0
6225169	6255283	25	6.95	103	1	1.0	.05	2.47	.5	.5	.2	.2	239	.09	.6	1.25	3.8	.5	.46	1.0	2	.2	.91	1.51	5.6	.6	-9.000	.4	.05	2.0
6225171	6255284	20	6.98	19	1	.6	.05	1.87	.5	.5	.2	.2	17	.08	.7	1.01	1.8	.5	.35	.5	2	.2	.32	.75	4.5	.1	-9.000	.1	.05	1.0
6225172	6255285	19	6.90	72	1	.8	.05	1.85	.5	.5	.2	.2	171	.07	.1	1.03	6.0	.5	.40	1.0	2	.2	.39	.88	4.7	.3	-9.000	.1	.05	1.0
6225173	6255286	8	5.07	55	1	1.9	.05	.40	.5	.5	.2	.2	363	.01	.1	.20	14.2	.5	.04	.5	7	.2	.12	.16	1.3	.2	-9.000	.3	.05	1.0
6225174	6255287	13	4.90	210	1	2.3	.05	.80	.5	.5	1.3	.2	1048	.05	.2	.52	47.7	.5	.13	1.0	5	.2	.43	.24	2.3	.3	-9.000	.1	.05	3.0
6225175	6255288	7	5.01	111	1	1.0	.05	.28	.5	.5	.2	.2	323	.04	.4	.23	19.9	.5	.12	.5	2	.2	.05	.13	.8	.2	-9.000	.2	.05	2.0
6225176	6255289	15	6.89	69	1	1.6	.05	1.34	.5	.5	.2	.2	64	.04	.3	1.04	7.3	.5	.26	.5	9	.2	.11	.38	8.7	.1	-9.000	.1	.05	.5
6225177	6255290	23	6.85	48	3	.8	.05	2.02	.5	.5	.2	.2	66	.05	.2	1.14	2.7	.5	.95	2.0	6	.2	1.41	.84	14.3	.1	-9.000	.1	.10	9.0
6225178	6255291	12	4.80	90	1	1.4	.05	.48	.5	.5	.2	.2	511	.01	.5	.38	24.2	.5	.09	1.0	7	.2	.05	.22	1.6	.2	-9.000	.4	.05	3.0
6225179	6255292	11	4.83	48	1	1.7	.05	.48	.5	.5	.5	.2	756	.01	.1	.29	29.2	.5	.05	.5	8	.2	.55	.30	1.9	.1	-9.000	.1	.05	2.0
6225181	6255293	22	6.95	45	1	1.1	.05	2.10	.5	.5	.2	.2	234	.05	.1	1.41	16.1	.5	.50	.5	6	.2	.55	.73	5.1	.3	-9.000	.4	.05	1.0
6225182	6255294	25	6.86	75	1	1.4	.05	2.64	.5	.5	.2	.2	332	.03	.2	1.58	14.7	.5	.53	1.0	6	.2	.77	.76	5.5	.6	-9.000	.2	.05	2.0
6225183	6255295	18	6.82	85	1	1.1	.05	1.64	.5	.5	.2	.2	237	.03	.6	1.16	2.2	.5	.64	1.0	5	.2	1.73	.51	4.3	.7	-9.000	.1	.05	1.0
6225184	6255296	18	6.93	40	1	1.1	.05	1.86	.5	.5	.2	.2	70	.06	.1	.90	5.6	.5	.43	.5	2	.2	.73	.62	3.8	.1	-9.000	.3	.05	.5
6225185	6255297	17	6.93	45	1	1.1	.05	1.86	.5	.5	.2	.2	90	.07	.1	.90	9.1	.5	.41	.5	2	.2	.73	.63	3.8	.2	-9.000	.1	.05	1.0
6225186	6255298	17	6.76	72	1	1.2	.05	1.57	.5	.5	.2	.2	230	.03	.1	.88	10.6	.5	.50	.5	7	.2	.68	.82	3.6	.7	-9.000	.3	.10	1.0
6225187	6255299	19	6.70	45	1	1.3	.05	1.64	.5	.5	.2	.2	152	.08	.4	1.24	32.4	.5	.44	.5	6	.2	1.26	.82	3.8	.2	-9.000	.5	.05	1.0
6225188	6255300	14	6.77	45	1	1.3	.05	1.12	.5	.5	.2	.2	169	.09	.2	.95	23.9	.5	.29	.5	6	.2	.38	.26	2.8	.2	-9.000	.1	.05	1.0
6225189	6255301	14	6.69	42	1	1.4	.05	1.18	.5	.5	.2	.2	112	.06	.1	.95	17.9	.5	.28	.5	2	.2	.33	.28	2.8	.1	-9.000	.3	.05	.5

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225191	6255302	7	5.30	123	1	1.0	.05	.34	.5	.5	1.1	.2	461	.04	.2	.26	19.6	.5	.06	.5	9	.2	.06	.27	.9	2.0	-9.000	1.2	.05	2.0
6225192	6255303	27	7.05	29	1	1.8	.05	2.86	.5	.5	.2	.2	70	.11	.1	1.21	19.3	.5	.50	.5	2	.2	.97	1.18	6.0	.1	-9.000	.1	.10	.5
6225193	6255304	7	5.21	52	1	1.2	.05	.29	.5	.5	.2	.2	306	.01	.4	.21	12.2	.5	.04	.5	11	.2	.04	.24	.8	.5	-9.000	.3	.05	2.0
6225194	6255305	97	7.56	22	1	3.6	.05	9.89	.5	.5	.2	.2	564	.32	3.3	5.47	72.6	.5	1.20	2.0	2	.2	4.64	7.38	22.4	.1	-9.000	.1	.05	1.0
6225195	6255306	28	7.32	45	1	2.7	.05	3.72	.5	.5	.2	.2	62	.25	.1	.93	6.6	.5	.48	.5	2	.2	1.48	.34	11.3	.1	-9.000	.3	.05	.5
6225196	6255307	14	6.59	103	1	1.3	.05	1.55	.5	.5	.2	.2	618	.08	.2	.83	6.4	.5	.29	1.0	8	.2	.21	.31	3.7	.6	-9.000	.3	.05	2.0
6225197	6255308	15	6.62	84	1	1.4	.05	1.61	.5	.5	.2	.2	382	.04	.3	.71	5.4	.5	.37	.5	7	.2	.24	.30	4.0	.4	-9.000	.3	.05	1.0
6225198	6255309	19	5.99	87	1	1.7	.05	1.31	.5	.5	.2	.2	143	.14	.1	.91	6.9	.5	.54	3.0	6	.2	.23	1.67	4.6	.3	-9.000	.1	.05	3.0
6225199	6255310	12	6.34	46	1	1.3	.05	1.23	.5	.5	.2	.2	134	.03	.2	.66	2.5	.5	.16	1.0	7	.2	.09	.27	4.0	.2	-9.000	.3	.05	2.0
6225201	6255311	24	7.00	67	1	1.7	.05	2.31	.5	.5	.2	.2	136	.09	.5	1.44	8.5	.5	.57	1.0	8	.2	.42	.55	6.7	.3	-9.000	.1	.10	.5
6225202	6255312	22	5.92	67	1	1.6	.05	1.76	.5	.5	.2	.2	370	.07	.8	.85	30.4	.5	.41	3.0	2	.2	.41	2.07	4.6	.1	-9.000	.3	.05	2.0
6225203	6255313	15	6.31	87	1	1.4	.05	1.55	.5	.5	.2	.2	129	.03	.1	.52	5.1	.5	.38	2.0	7	.2	.27	.78	3.4	.4	-9.000	.5	.05	2.0
6225204	6255314	47	4.76	263	1	3.1	.05	2.69	.5	.5	.2	.2	66	.25	1.0	1.29	52.9	.5	.75	4.0	2	.2	.99	4.75	6.7	.1	-9.000	.1	.10	11.0
6225205	6255315	13	6.51	56	1	.9	.05	1.18	.5	.5	.2	.2	166	.14	.3	.65	3.2	.5	.52	1.0	7	.2	.25	.41	3.3	.2	-9.000	.2	.10	1.0
6225206	6255316	16	6.40	87	1	1.1	.05	1.46	.5	.5	.2	.2	153	.07	.2	.64	2.3	.5	.43	1.0	2	.2	.57	.83	3.4	.4	-9.000	.3	.05	2.0
6225207	6255317	16	6.41	77	1	1.1	.05	1.48	.5	.5	.2	.2	107	.01	.3	.64	1.1	.5	.43	1.0	2	.2	.56	.84	3.5	.2	-9.000	.1	.05	1.0
6225208	6255318	13	6.59	21	1	1.1	.05	1.07	.5	.5	.2	.2	34	.08	.3	.62	3.6	.5	.23	.5	2	.2	.59	.55	3.2	.1	-9.000	.1	.05	.5
6225209	6255319	39	7.20	26	1	1.6	.05	3.90	.5	.5	.2	.2	99	.21	.9	1.96	14.3	.5	.40	.5	2	.2	1.79	2.44	8.6	.1	-9.000	.3	.05	.5
6225211	6255320	45	7.16	17	1	1.1	.05	4.38	.5	.5	.2	.2	26	.23	.9	2.17	6.5	.5	.42	.5	2	.2	1.15	2.95	9.3	.1	-9.000	.4	.05	.5
6225212	6255321	9	4.95	51	1	1.2	.05	.26	.5	.5	.2	.2	220	.01	.3	.14	27.2	.5	.01	.5	2	.2	.02	.21	1.1	.1	-9.000	.1	.05	2.0
6225213	6255322	17	6.53	12	1	.5	.05	1.32	.5	.5	.2	.2	115	.16	.2	.93	30.8	.5	.25	.5	6	.2	1.09	.95	5.6	.1	-9.000	.1	.05	1.0
6225214	6255323	24	7.02	28	1	1.6	.05	2.33	.5	.5	1.7	.2	171	.14	.8	1.38	58.5	.5	.41	.5	8	.2	.31	1.18	7.4	.1	-9.000	.1	.10	1.0
6225215	6255324	8	5.28	203	1	2.1	.05	.37	.5	.5	.9	.2	330	.07	.4	.28	11.1	.5	.01	.5	11	.2	.05	.18	1.1	1.5	-9.000	.1	.05	2.0
6225216	6255325	35	7.35	39	1	2.1	.05	3.52	.5	.5	.2	.2	138	.10	.7	2.33	26.0	.5	.42	.5	2	.2	2.05	.60	9.3	.1	-9.000	.1	.05	.5
6225217	6255326	11	6.66	44	1	.8	.05	.88	.5	.5	.2	1.7	149	.04	.1	.67	5.7	.5	.03	.5	2	.2	.16	.23	2.0	.2	-9.000	.1	.05	.5
6225218	6255327	9	5.20	119	1	1.6	.05	.50	.5	.5	1.4	.2	751	.08	.1	.34	47.6	.5	.01	.5	10	.2	.07	.26	1.6	.9	-9.000	.1	.05	4.0
6225219	6255328	9	5.46	87	1	1.8	.05	.48	.5	.5	.2	.2	902	.06	.2	.27	33.8	.5	.01	.5	11	.2	.10	.36	1.5	.5	-9.000	.1	.05	2.0
6225221	6255329	9	5.20	102	1	1.1	.05	.45	.5	.5	.2	.2	769	.03	.4	.33	33.5	.5	.01	.5	9	.2	.18	.16	1.3	.4	-9.000	.1	.05	2.0
6225222	6255330	12	5.34	161	1	1.1	.05	.81	.5	.5	.8	.2	506	.01	.1	.69	27.8	1.0	.03	.5	2	.2	.44	.23	2.0	.5	-9.000	.1	.20	2.0
6225223	6255331	6	6.52	12	1	.3	.05	.34	.5	.5	.7	.2	16	.13	.3	.30	6.0	.5	.01	.5	2	.2	.67	.18	1.2	.1	-9.000	.1	.05	.5
6225224	6255332	63	7.66	20	1	.9	.05	5.49	.5	.5	.2	.2	57	.39	1.1	4.17	6.5	.5	.66	.5	2	.2	2.35	1.89	32.7	.1	-9.000	.1	.05	.5
6225225	6255333	39	7.49	19	1	.6	.05	3.23	.5	.5	.2	.2	27	.17	.7	2.55	4.0	.5	.48	.5	2	.2	2.03	.95	31.2	.1	-9.000	.1	.05	.5
6225226	6255334	38	7.46	19	1	.8	.05	3.29	.5	.5	.2	.2	27	.20	1.2	2.59	3.9	.5	.51	.5	2	.2	2.05	.97	31.2	.1	-9.000	.1	.05	.5
6225227	6255335	52	7.40	17	1	1.1	.05	3.97	.5	.5	.2	.2	66	.15	1.3	4.01	61.8	.5	.19	.5	2	.2	2.27	2.32	16.0	.1	-9.000	.1	.05	.5
6225228	6255336	25	7.03	70	1	.8	.05	2.72	.5	.5	.2	.2	135	.06	.7	1.52	6.7	.5	.21	.5	2	.2	.30	.22	7.1	.1	-9.000	.1	.05	.5
6225229	6255337	16	6.64	56	1	1.0	.05	1.41	.5	.5	.9	.2	256	.09	.1	1.04	19.8	.5	.03	.5	7	.2	.24	.24	3.6	.1	-9.000	.1	.05	.5
6225231	6255338	21	7.10	110	1	1.3	.05	2.46	.5	.5	.2	.2	320	.03	.1	1.17	11.0	.5	.20	.5	6	.2	.63	.25	5.8	.4	-9.000	.1	.10	1.0
6225232	6255339	27	6.92	86	1	1.5	.05	2.99	.5	.5	1.6	.2	343	.01	.2	1.49	20.7	1.0	.44	.5	9	.2	.99	.30	6.8	.7	-9.000	.1	.10	.5
6225233	6255340	24	6.79	46	1	1.0	.05	2.01	.5	.5	.2	.2	265	.05	.7	1.38	16.4	.5	.52	.5	7	.2	.19	.36	6.4	.2	-9.000	.1	.05	.5
6225234	6255341	31	6.96	41	1	1.3	.05	2.65	.5	.5	.2	.2	310	.08	1.0	2.03	31.5	.5	.61	.5	7	.2	.30	1.03	6.5	.1	-9.000	.1	.05	1.0
6225235	6255342	11	5.91	117	1	.3	.05	.80	.5	.5	.2	.2	277	.01	.5	.59	6.5	.5	.01	.5	2	.2	.17	.45	1.5	.2	-9.000	.1	.05	2.0
6225236	6255343	5	5.34	64	1	.5	.05	.20	.5	.5	.9	.2	110	.03	.7	.19	13.0	.5	.01	.5	2	.2	.02	.13	.4	.2	-9.000	.1	.05	1.0
6225237	6255344	19	6.97	12	1	.3	.05	1.66	.5	.5	.9	.2	38	.01	.7	1.27	15.9	.5	.38	.5	2	.2	1.46	.23	6.9	.1	-9.000	.1	.05	.5
6225238	6255345	56	6.35	26	1	3.6	.05	3.68	.5	.5	2.2	.2	445	.21	1.7	2.87	111.7	.5	.95	2.0	2	.2	1.32	5.81	17.0	.1	-9.000	.1	.05	5.0
6225239	6255346	32	6.59	17	1	2.3	.05	2.42	.5	.5	.2	3.0	268	.16	.7	1.68	43.7	.5	.51	18.0	16	.2	1.89	2.37	11.7	.1	-9.000	.1	.05	7.0
6225241	6255347	26	6.89	48	1	1.8	.05	2.69	.5	.5	5.9	.2	604	.03	.3	1.56	175.4	.5	.37	.5	9	.2	.31	.53	13.6	.2	-9.000	.1	.05	1.0
6225242	6255348	22	6.74	30	1	1.1	.05	1.83	.5	.5	1.8	.2	143	.12	.7	1.13	28.6	2.0	.27	.5	2	.2	.39	1.25	5.2	.5	-9.000	.1	.10	1.0
6225243	6255349	10	4.95	76	1	.9	.05	.24	.5	.5	.2	.2	169	.01	.1	.13	10.1	.5	.01	.5	5	.2	.12	.12	1.0	.1	-9.000	.1	.05	1.0
6225244	6255350	37	7.15	45	1	1.5	.05	3.98	.5	.5	.2	.9	321	.13	.5	1.90	21.2	.5	.60	.5	7	.2	2.70	1.70	10.0	.1	-9.000	.1	.05	1.0
6225245	6255351	28	7.07	28	1	1.0	.05	2.85	.5	.5	.2	.2	47	.16	.1	1.20	8.3	.5	.24	.5	2	.2	.97	2.13	9.3	.1	-9.000	.1	.05	.5
6225246	6255352	26	5.87	97	1	1.8	.05	1.96	.5	.5	1.8	.2	129	.11	.5	.95	37.2	.5	.29	2.0	2	.2	1.25	2.63	5.1	.1	-9.000	.1	.05	4.0
6225247	6255353	58	4.32	296	1	2.7	.05	1.99	.5	.5	2.0	.2	108	.13	.9	.99	50.0	.5	.36	4.0	2	.2	1.85	4.54	5.3	.1	-9.000	.1	.10	10.0
6225248	6255354	51	4.43	176	1	2.4	.05	2.17	.5	1.0	1.6	1.6	212	.09	.3	1.00	42.6	.5	.28	5.0	2	.2	1.14	4.12	5.7	.1	-9.000	.1	.10	4.0
6225249	6255355	22	7.03	77	1	1.5	.05	2.16	.5	.5	.2	.2	178	.01	.1	1.64	6.4	.5	.22	.5	2	.2	.72	.27	5.0	.2	-9.000	.1	.20	.5
6225251	6255356	22	6.93	79	1	1.5	.05	2.15	.5	.5	.7	.2	195	.01	.4	1.63	7.8	.5	.21	.5	5	.2	.72	.26	5.0	.2	-9.000	.1	.05	.5
6225252	6255357	41	7.38	38	1	1.0	.05	5.59	.5	.5	1.2	1.9	45	.07	.6	1.41	4.6	3.0	.30	14.0	11	.2	1.04	1.13	7.9	.5	-9.000	.1	.05	4.0
6225253	6255358	56	7.53	25	1	4.6	.05	6.95	.5	.5	.2	1.3	35	.20	.3	2.23	10.5	.5	.23	4.0	6	.2	.96	2.49	13.5	.1	-9.000	.1	.05	2.0
6225254	6255359	34	6.64	125	1	1.9	.05	3.95	.5	.5	.2	1.0	602	.07	.9	.98	16.1	.5	.08	1.0	2	.2	.75	3.16	7.6	.1	-9.000	.1	.05	3.0
6225255	6255360	29	6.79	36	1	1.1	.05	2.60	.5	.5	.8	.2	31	.13	.8	1.18	3.0	.5	.26	.5	2	.2	1.38	2.60	5.8	.1	-9.000	.1	.05	2.0
6225256	6255361	24	6.97	18	1	.7	.05	2.02	.5	.5	.2	.2	65	.12	.3	1.36	4.1	.5	.28	.5	2	.2	1.57	1.07	4.0	.1	-9.000	.1	.05	.5
6225257	6255362	16	6.01	117	2	1.6	.05	1.11	.5	.5	.2	.2	517	.04	.1	.66	19.3	.5	.10	.5	2	.2	.75	1.01	2.6	.3	-9.000	.1	.10	2.0
6225258	6255363	12	6.65	120	1	1.0	.05	.98	.5	.5	.2	.2	411	.01	.1	.58	7.4	.5	.06	.5	2	.2	.61	.58	2.1	.5	-9.000	.1	.30	2.0
6225259	6255364	40	5.14	58	1	2.2	.05	1.95	.5	.5	5.5	.2	344	.22	.7	1.94	171.9	.5	.44	3.0	2	.2	.89	4.24	4.2	.1	-9.000	.1	.05	8.0
6225261	6255365	14	6.70	67	1	.8	.05	1.18	.5	.5	.2	.8	114	.01	.2	.95	5.9	.5	.09	1.0	6	.2	.43	.29	2.7	.1	-9.000	.1	.05	.5
6225262	6255366	15	6.97	67	1	.9	.05	1.40	.5	.5	1.5	1.6	211	.01	.3	.94	9.6	2.0	.08	.5	7	.2	.34	.24	2.9	.7	-9.000	.1	.10	1.0
6225263	6255367	41	7.45	35	1	1.1	.05	3.70	.5	.5	.2	1.1	699	.09	1.3	2.53	39.4	.5	.59	.5	2	.2	1.33	1.19	8.9	.2	-9.000	.1	.05	2.0
6225264	6255368	40	7.33	79	1	1.5	.05	4.66	.5	.5	.2	.9	689	.01	.6	2.05	11.6	.5	.62	1.0	6	.2	2.02	.27	10.0	.3	-9.000	.1	.20	1.0
6225265	6255369	18	6.91	43	1	1.2	.05	1.81	.5	.5	1.7	.2	112	.04	.2	.94	27.9	.5	.17	.5	6	.2	.33	.37	5.2	.1	-9.000	.1	.05	.5

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225266	6255370	11	5.35	56	1	.6	.05	.31	.5	.5	1.9	.2	308	.10	.1	.14	22.5	.5	.01	.5	7	.2	.06	.18	.8	.1	-9.000	.1	.05	1.0
6225267	6255371	7	5.76	20	1	1.0	.05	.53	.5	.5	1.7	.2	281	.03	.1	.29	6.9	.5	.01	.5	9	.2	.07	.16	1.1	.1	-9.000	.1	.05	1.0
6225268	6255372	20	7.00	48	1	.5	.05	1.88	.5	.5	.2	.2	72	.01	1.1	1.31	5.5	.5	.33	.5	2	.2	1.30	.27	17.4	.1	-9.000	.1	.05	.5
6225269	6255373	29	7.35	25	1	.8	.05	2.28	.5	.5	.2	.2	33	.25	.9	1.94	2.1	.5	.33	.5	6	.2	1.43	.57	11.1	.1	-9.000	.1	.05	1.0
6225271	6255374	8	5.03	41	1	.2	.05	.19	.5	.5	.5	.2	68	.01	.1	.15	10.0	.5	.01	.5	2	.2	.06	.08	.9	.1	-9.000	.1	.05	2.0
6225272	6255375	25	7.09	48	1	.4	.05	2.42	.5	.5	.2	2.3	181	.01	.4	1.53	10.6	2.0	.54	1.0	5	.2	.89	.49	14.0	.4	-9.000	.1	.20	4.0
6225273	6255376	24	6.81	35	1	.6	.05	1.98	.5	.5	.7	1.0	68	.08	.2	1.03	3.0	.5	.45	.5	6	.2	.55	.47	13.3	.1	-9.000	.1	.10	4.0
6225274	6255377	20	6.93	42	1	.6	.05	1.94	.5	.5	.2	.7	77	.09	.4	.97	3.7	.5	.43	.5	2	.2	.55	.45	12.8	.1	-9.000	.1	.05	3.0
6225275	6255378	15	6.86	53	1	.7	.05	1.67	.5	.5	.2	1.4	95	.11	.6	.55	4.4	.5	.66	.5	7	.2	.64	.22	9.8	.1	-9.000	.1	.05	7.0
6225276	6255379	51	7.50	28	1	1.2	.05	4.14	.5	.5	.2	.2	38	.63	1.2	3.58	23.1	.5	.91	.5	6	.2	.50	1.21	16.5	.1	-9.000	.1	.05	.5
6225277	6255380	60	7.61	24	1	1.1	.05	5.23	.5	.5	.2	2.3	22	.75	1.1	3.73	3.1	.5	.84	.5	2	.2	1.59	1.29	16.9	.1	-9.000	.1	.05	.5
6225278	6255381	33	7.32	36	1	.7	.05	3.04	.5	.5	.2	.6	84	.11	.8	1.98	7.2	.5	.76	.5	2	.2	1.36	.65	27.9	.1	-9.000	.1	.10	1.0
6225279	6255382	17	6.88	75	1	.7	.05	1.34	.5	.5	.2	.2	78	.10	.4	1.14	7.8	.5	.67	.5	2	.2	1.79	.57	12.6	.1	-9.000	.1	.30	1.0
6225281	6255383	34	7.16	18	1	.6	.05	3.32	.5	.5	.2	.2	48	.16	.7	2.20	10.2	.5	.57	.5	2	.2	.77	.63	10.1	.1	-9.000	.1	.05	.5
6225282	6255384	54	7.64	29	1	.6	.05	4.80	.5	.5	.2	1.2	126	.10	1.2	4.29	9.0	2.0	.83	.5	6	.2	.77	1.25	13.0	.5	-9.000	.1	.05	.5
6225283	6255385	22	7.07	33	3	.6	.05	2.35	.5	.5	.2	.2	229	.08	.6	1.51	10.7	.5	.38	.5	6	.2	.43	.50	6.3	.1	-9.000	.1	.05	.5
6225284	6255386	36	7.35	34	3	1.1	.05	3.89	.5	.5	.2	.9	273	.13	1.0	2.15	18.4	.5	.69	.5	6	.2	.63	1.02	13.9	.1	-9.000	.1	.05	1.0
6225285	6255387	30	7.14	45	4	1.0	.05	3.30	.5	.5	.2	.7	97	.05	.5	1.86	9.4	.5	.67	.5	2	.2	1.22	.51	7.0	.1	-9.000	.1	.05	.5
6225286	6255388	19	6.77	68	1	.5	.05	2.00	.5	.5	.2	.2	252	.01	.2	1.19	2.9	.5	.33	.5	5	.2	.16	.16	4.2	.2	-9.000	.1	.05	1.0
6225287	6255389	18	7.01	73	3	.8	.05	2.12	.5	.5	.2	.2	188	.05	.5	1.07	6.0	.5	.30	.5	5	.2	.84	.22	3.4	.2	-9.000	.1	.10	.5
6225288	6255390	35	7.40	36	2	.8	.05	3.64	.5	.5	2.2	.2	714	.03	.7	2.45	92.1	.5	.61	.5	2	.2	1.87	.40	8.3	.1	-9.000	.1	.05	.5
6225289	6255391	67	7.70	23	1	.6	.05	6.17	.5	.5	.2	.2	56	.21	1.4	4.58	2.7	.5	.81	.5	2	.2	1.54	1.52	10.6	.1	-9.000	.1	.05	.5
	6275392	7	5.59	96	1	.7	.05	.73	.5	.5	.2	.8	273	.07	.3	.40	9.3	.5	.11	.5	2	.2	.67	.10	1.8	.1	-9.000	.1	.10	2.0
6225292	6255393	12	6.75	80	1	.9	.05	1.11	.5	.5	.8	1.7	191	.04	.5	.84	4.3	3.0	.31	.5	6	1.0	.16	.21	2.4	.8	-9.000	.1	.10	1.0
6225293	6255394	16	6.93	73	2	.7	.05	1.61	.5	.5	.2	.5	249	.01	.8	1.06	2.5	.5	.36	.5	9	.2	.16	.19	3.5	.3	-9.000	.1	.05	1.0
6225294	6255395	14	6.71	60	2	.9	.05	1.19	.5	.5	.2	8.5	148	.09	.4	.75	9.9	.5	.33	.5	6	.2	.69	.61	2.3	.4	-9.000	.1	.10	6.0
6225295	6255396	9	6.65	49	1	.4	.05	1.01	.5	.5	.2	.2	203	.01	.7	.56	4.3	.5	.15	2.0	2	.2	.10	.09	1.5	.1	-9.000	.1	.05	.5
6225296	6255397	27	7.18	23	3	.8	.05	3.05	.5	.5	.2	.2	18	.10	1.0	1.29	3.0	.5	.54	.5	2	.2	1.47	1.01	8.6	.1	-9.000	.1	.05	.5
6225297	6255398	28	7.15	27	1	.8	.05	3.05	.5	.5	.2	.2	34	.12	.9	1.29	8.3	.5	.53	.5	2	.2	1.46	1.02	8.5	.1	-9.000	.1	.05	.5
6225298	6255399	59	7.65	31	1	1.5	.05	6.65	.5	.5	.2	.6	31	.10	.3	3.75	7.9	.5	.38	.5	2	.2	.81	.66	7.8	.1	-9.000	.1	.05	.5
6225299	6255400	19	7.21	90	1	1.6	.05	2.12	.5	.5	.2	.8	208	.05	.1	1.05	7.9	.5	.30	.5	2	.2	1.00	.26	4.0	.2	-9.000	.1	.05	1.0
6225301	6255401	33	7.40	52	1	2.7	.05	3.79	.5	.5	.2	.2	70	.10	.3	1.85	4.7	.5	.63	.5	6	.2	1.19	.50	8.0	.1	-9.000	.1	.05	.5
6225302	6255402	31	7.28	50	1	2.0	.05	3.38	.5	.5	.2	1.7	26	.16	.7	1.61	2.5	2.0	.48	.5	2	.2	1.54	.70	7.4	.5	-9.000	.1	.10	.5
6225303	6255403	26	7.13	54	1	1.9	.05	2.89	.5	.5	.7	1.9	47	.16	.4	1.45	4.0	.5	.50	.5	2	.2	1.41	.56	7.2	.1	-9.000	.1	.05	.5
6225304	6255404	34	7.40	97	1	3.5	.05	4.13	.5	.5	.2	2.0	105	.06	.5	2.15	7.8	.5	.65	1.0	2	.2	1.90	.44	9.8	.3	-9.000	.1	.20	1.0
6225305	6255405	16	7.04	101	3	2.6	.05	1.73	.5	.5	.2	.2	168	.04	.7	1.13	5.8	.5	.44	2.0	7	.2	.77	.21	5.1	.3	-9.000	.1	.05	.5
6225306	6255406	47	7.62	26	5	4.0	.05	6.03	.5	.5	.2	.7	53	.36	.6	2.36	2.6	.5	.48	.5	2	.2	.51	.36	14.7	.1	-9.000	.1	.05	.5
6225307	6255407	20	7.16	34	3	1.5	.05	2.28	.5	.5	.2	1.8	5	.07	.6	.84	1.0	.5	.35	.5	2	.2	.96	.39	4.3	.1	-9.000	.1	.05	2.0
6225308	6255408	11	6.77	83	1	1.3	.05	1.21	.5	.5	.2	1.8	109	.04	.5	.67	2.7	.5	.25	.5	5	.2	.17	.18	2.4	.3	-9.000	.1	.05	1.0
6225309	6255409	32	7.33	31	1	2.5	.05	3.11	.5	.5	.2	.2	98	.12	.1	1.99	64.1	.5	.64	.5	8	.2	.37	.61	9.4	.1	-9.000	.2	.05	.5
6225311	6255410	13	6.73	24	1	.6	.05	.94	.5	.5	.2	.2	142	.04	.1	.67	5.9	.5	.39	.5	6	.2	.28	.66	2.2	.1	-9.000	.1	.05	.5
6225312	6255411	27	6.57	32	1	1.4	.05	1.38	.5	.5	.2	.2	199	.08	1.7	1.71	4.4	.5	.82	2.0	6	.2	.45	2.40	3.9	.1	-9.000	.1	.05	1.0
6225313	6255412	23	6.75	71	1	1.0	.05	2.43	.5	.5	.2	.2	66	.07	.1	1.46	2.8	.5	.32	.5	7	.2	.52	.48	4.3	.1	-9.000	.1	.05	1.0
6225314	6255413	59	6.70	101	1	2.0	.05	4.26	.5	.5	.2	.2	1251	.39	1.4	4.04	12.6	.5	.46	3.0	7	.2	1.25	5.79	6.7	.5	-9.000	.3	.05	7.0
6225315	6255414	8	6.24	82	1	.4	.05	.74	.5	.5	.2	.2	100	.03	.1	.55	6.1	.5	.13	.5	2	.2	.09	.13	1.3	.2	-9.000	.1	.05	1.0
6225316	6255415	23	6.94	50	2	1.8	.05	2.52	.5	.5	.2	.2	150	.04	.5	1.16	14.4	2.0	.62	.5	6	2.0	.56	.51	7.7	.5	-9.000	.4	.05	.5
6225317	6255416	14	6.61	85	4	.9	.05	1.34	.5	.5	.2	2.1	129	.03	.1	.92	1.8	.5	.32	1.0	5	.2	.65	.31	2.9	.4	-9.000	.1	.05	2.0
	6275417	6	5.49	43	1	.4	.05	.25	.5	.5	.2	.2	152	.07	.1	.12	15.4	.5	.05	.5	5	.2	.08	.07	.5	.1	-9.000	.1	.05	2.0
6225319	6255418	66	7.68	18	3	.4	.05	6.97	.5	.5	.2	.7	17	.14	.1	4.08	1.6	.5	.36	2.0	2	.2	1.00	1.21	11.8	.1	-9.000	.1	.05	1.0
6225321	6255419	29	7.31	13	1	.6	.05	2.39	.5	.5	.2	.2	30	.17	.4	1.90	16.2	.5	.57	.5	2	.2	1.04	.57	7.8	.1	-9.000	.1	.05	.5
6225322	6255420	12	6.49	119	1	.7	.05	.86	.5	.5	.2	.8	193	.07	.2	.84	6.4	.5	.50	2.0	6	.2	.40	.48	3.9	.4	-9.000	.1	.05	2.0
6225323	6255421	26	7.10	8	1	.6	.05	2.31	.5	.5	.2	.7	17	.25	.1	1.41	6.2	.5	.55	.5	6	.2	.41	.79	11.7	.1	-9.000	.1	.05	1.0
	6275422	29	7.21	25	1	.5	.05	2.83	.5	.5	.2	2.4	129	.16	.1	1.78	6.7	.5	.82	1.0	9	.2	.73	.69	12.6	.1	-9.000	.1	.05	3.0
	6275423	19	7.02	30	1	.5	.05	1.92	.5	.5	.2	1.8	84	.08	.4	.90	16.6	.5	.61	4.0	2	.2	.52	.43	12.0	.1	-9.000	.1	.05	4.0
6225326	6255424	11	6.67	63	1	.6	.05	.90	.5	.5	1.0	1.5	45	.10	.6	.45	3.4	2.0	.69	.5	11	1.0	.48	.32	4.9	.5	-9.000	.1	.20	6.0
6225327	6255425	5	5.85	74	1	.8	.05	.32	.5	.5	.2	1.2	136	.11	.2	.24	10.5	.5	.14	.5	7	.2	.03	.11	1.3	.2	-9.000	.1	.05	2.0
	6275426	15	6.90	26	4	.4	.05	1.40	.5	.5	.2	.9	126	.14	.1	.75	5.2	.5	.52	.5	8	.2	.48	.34	6.1	.1	-9.000	.3	.05	2.0
	6275427	24	6.94	9	3	.5	.05	2.41	.5	.5	.2	.2	15	.15	.1	1.27	5.1	.5	.55	.5	2	.2	.57	.62	9.9	.1	-9.000	.1	.05	1.0
6225331	6255428	15	6.55	44	2	.9	.05	1.11	.5	.5	.2	3.1	36	.18	.2	.77	16.0	.5	.59	2.0	9	.2	.30	.88	6.8	.1	-9.000	.1	.05	9.0
6225332	6255429	20	6.85	26	3	.9	.05	1.86	.5	.5	.2	1.3	121	.14	.4	1.14	35.8	.5	.67	1.0	10	.2	.56	.58	9.2	.1	-9.000	.1	.05	2.0
6225333	6255430	68	7.39	19	1	.7	.05	7.00	.5	.5	1.0	.2	466	.59	.1	4.02	99.4	.5	1.03	.5	2	.2	2.00	.88	19.8	.1	-9.000	.1	.05	2.0
6225334	6255431	41	7.18	19	1	.3	.05	3.60	.5	.5	.2	.2	76	.11	.7	2.55	19.5	.5	.58	.5	12	.2	1.36	.94	11.6	.1	-9.000	.1	.05	1.0
6225335	6255432	40	7.38	16	2	.4	.05	3.55	.5	.5	.2	.6	47	.14	.1	2.54	13.3	.5	.56	.5	10	.2	1.36	.95	11.6	.1	-9.000	.1	.05	1.0
6225336	6255433	31	7.31	11	1	.5	.05	2.39	.5	.5	.9	.2	30	.22	.9	2.04	21.6	2.0	.61	.5	6	.2	.94	.70	9.9	.4	-9.000	.1	.05	.5
6225337	6255434	24	7.07	38	1	.6	.05	1.79	.5	.5	.2	.7	125	.04	1.9	1.79	5.4	.5	.52	1.0	16	.2	.19	.90	7.7	.3	-9.000	.1	.05	2.0
6225338	6255435	47	7.60	21	1	.2	.05	5.10	.5	.5	.2	1.5	25	.10	.4	2.95	6.1	.5	.43	.5	2	.2	.83	.66	12.8	.1	-9.000	.1	.05	3.0
6225339	6255436	35	7.32	37	1	1.2	.05	3.54	.5	.5	.2	1.4	187	.10	.5	2.07	15.7	.5	.58	.5	6	.2	.87	1.02	12.7	.1	-9.000	.1	.05	1.0
6225341	6255437	12	6.81	77	6	1.2	.05	1.04	.5	.5	.2	.5	127	.01	.1	.68	10.0	.5	.42	.5	6	.2	1.41	.23	2.9	.4	-9.000	.1	.05	2.0

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225342	6255438	16	6.76	53	1	1.2	.05	1.65	.5	.5	.2	.2	77	.06	.3	.78	4.2	.5	.46	.5	9	.2	.32	.33	5.3	.2	-9.000	.1	.05	1.0
6225343	6255439	28	7.26	50	1	.8	.05	3.26	.5	.5	.5	.9	631	.07	.6	1.55	23.3	.5	.65	.5	5	.2	1.85	.41	7.2	.1	-9.000	.1	.05	1.0
6225344	6255440	31	7.14	23	1	1.6	.05	2.77	.5	.5	.2	.2	73	.14	.1	1.97	3.4	.5	.47	.5	2	.2	1.27	1.44	5.2	.1	-9.000	.3	.05	.5
6225345	6255441	19	7.00	39	1	.6	.05	1.97	.5	.5	.2	1.3	292	.01	.1	1.09	27.3	.5	.53	.5	6	.2	.66	.44	4.6	.1	-9.000	.1	.05	1.0
6225346	6255442	21	7.09	35	1	.9	.05	2.16	.5	.5	.7	.2	190	.09	.2	1.31	17.6	2.0	.55	.5	7	1.0	.41	.56	4.7	.5	-9.000	.1	.05	1.0
6225347	6255443	25	6.95	65	1	1.3	.05	2.65	.5	.5	.2	2.4	262	.04	.3	1.22	11.7	.5	.71	.5	7	.2	1.37	.63	7.2	.2	-9.000	.1	.05	1.0
6225348	6255444	8	6.31	98	1	.8	.05	.71	.5	.5	.2	.5	348	.05	.1	.49	6.8	.5	.22	.5	8	.2	.32	.16	2.0	.5	-9.000	.1	.05	1.0
6225349	6255445	18	6.99	73	1	1.7	.05	2.27	.5	.5	.2	.2	160	.04	.3	.94	6.0	.5	.34	.5	2	.2	1.29	.16	5.0	.2	-9.000	.1	.05	1.0
6225351	6255446	21	6.94	29	1	1.3	.05	2.49	.5	.5	.2	1.5	22	.08	.1	.85	2.1	.5	.40	.5	2	.2	.90	.68	8.2	.1	-9.000	.1	.05	.5
6225352	6255447	6	5.25	53	1	.7	.05	.34	.5	.5	.2	.2	323	.03	.1	.18	9.1	.5	.07	.5	2	.2	.08	.08	1.2	.1	-9.000	.1	.05	2.0
6225353	6255448	28	7.03	80	1	2.8	.05	3.00	.5	.5	.2	.2	179	.14	.8	1.78	13.2	.5	.53	.5	7	.2	1.30	.66	10.4	.2	-9.000	.1	.05	1.0
6225354	6255449	37	7.15	48	4	3.2	.05	3.48	.5	.5	.2	.2	41	.08	.5	2.29	9.0	.5	.48	2.0	7	.2	.15	.42	9.6	.1	-9.000	.1	.05	.5
6225355	6255450	23	6.96	42	3	1.6	.05	2.56	.5	.5	.2	.2	75	.15	.5	1.18	10.4	.5	.38	.5	2	.2	.88	.64	6.4	.1	-9.000	.1	.05	.5
6225356	6255451	19	6.91	65	1	1.7	.05	1.86	.5	.5	2.0	.2	137	.06	.1	1.03	7.8	2.0	.32	.5	2	.2	.85	.68	4.8	.6	-9.000	.1	.05	1.0
6225357	6255452	19	6.90	78	1	1.7	.05	1.87	.5	.5	.2	.2	166	.06	.1	1.03	11.1	.5	.35	.5	6	.2	.85	.67	5.0	.2	-9.000	.1	.05	1.0
6225358	6255453	27	7.19	49	1	1.3	.05	3.33	.5	.5	.2	.2	45	.12	.1	1.16	3.9	.5	.46	.5	5	.2	.64	1.01	7.1	.1	-9.000	.1	.05	.5
6225359	6255454	43	7.50	38	1	3.4	.05	4.32	.5	.5	.2	.2	52	.11	.1	2.82	1.5	.5	.46	1.0	2	.2	.33	.36	10.6	.1	-9.000	.1	.05	.5
6225361	6255455	37	7.29	42	1	3.1	.05	3.66	.5	.5	.2	.2	32	.13	.1	2.39	3.6	.5	.46	.5	7	.2	.19	.41	9.8	.1	-9.000	.1	.05	.5
6225362	6255456	20	6.96	62	1	1.2	.05	2.26	.5	.5	.2	.2	150	.09	.1	1.07	4.3	.5	.50	.5	6	.2	.45	.26	7.4	.2	-9.000	.1	.05	.5
6225363	6255457	22	6.87	151	1	2.5	.05	2.56	.5	.5	.2	.2	277	.04	.1	1.31	8.5	.5	.47	.5	9	.2	.81	.24	6.9	.5	-9.000	.1	.10	2.0
6225364	6255458	5	6.07	68	1	.4	.05	.39	.5	.5	.2	.2	113	.03	.1	.27	5.5	.5	.11	.5	7	1.0	.18	.11	1.1	.3	-9.000	.1	.05	1.0
6225365	6255459	18	6.93	18	5	1.3	.05	1.74	.5	.5	.7	.2	59	.06	.1	.93	10.0	.5	.35	.5	2	.2	.26	.45	3.7	.1	-9.000	.1	.05	.5
6225366	6255460	19	7.04	39	3	1.1	.05	2.05	.5	.5	.2	.2	62	.07	.2	1.04	1.9	3.0	.38	1.0	2	.2	.56	.33	4.6	.5	-9.000	.1	.05	.5
	6275461	9	6.23	24	1	.7	.05	1.04	.5	.5	.2	.2	280	.07	.1	.29	3.6	.5	.14	.5	10	.2	.24	.08	3.5	.1	-9.000	.1	.05	.5
6225368	6255462	27	7.21	17	2	.6	.05	3.15	.5	.5	.2	.2	96	.05	.1	1.45	29.4	.5	.49	.5	6	.2	.81	.27	9.3	.1	-9.000	.1	.05	.5
6225369	6255463	52	7.52	19	1	.8	.05	5.08	.5	.5	.2	.2	59	.11	.9	3.43	17.3	.5	.75	.5	6	.2	.71	.93	19.2	.1	-9.000	.1	.05	.5
6225371	6255464	6	5.07	64	1	.4	.05	.20	.5	.5	1.0	.2	144	.06	.1	.15	16.0	.5	.08	.5	6	.2	.10	.08	.5	.2	-9.000	.1	.05	2.0
6225372	6255465	18	6.96	13	1	.4	.05	1.79	.5	.5	.2	.2	35	.18	.1	.89	8.7	.5	.44	.5	9	.2	.72	.41	8.0	.1	-9.000	.1	.05	.5
6225373	6255466	19	7.09	34	1	.5	.05	2.02	.5	.5	.2	.2	65	.08	.3	.65	2.6	.5	.92	.5	9	.2	1.07	.21	12.9	.1	-9.000	.1	.05	2.0
	6275467	9	6.30	68	1	.8	.05	.51	.5	.5	.9	.2	103	.24	.1	.18	4.7	.5	.36	.5	38	.2	.29	.12	2.2	.5	-9.000	.1	.05	2.0
6225375	6255468	38	7.35	39	1	.5	.05	3.65	.5	.5	.2	.2	85	.17	.4	2.62	12.6	.5	.54	.5	2	.2	1.81	.85	11.6	.1	-9.000	.1	.05	2.0
6225376	6255469	15	6.76	18	1	1.0	.05	1.30	.5	.5	.7	.2	68	.11	.2	.58	6.1	3.0	.80	.5	11	.2	.81	.23	7.8	.6	-9.000	.1	.05	2.0
6225377	6255470	17	6.99	25	1	.2	.05	1.77	.5	.5	.2	.2	27	.14	.1	.60	1.7	.5	.85	.5	2	.2	.79	.25	10.8	.1	-9.000	.1	.05	.5
6225378	6255471	12	6.40	39	1	.8	.05	.81	.5	.5	.7	.2	75	.10	.2	.63	8.7	.5	.42	.5	6	.2	.17	.50	5.0	.1	-9.000	.1	.05	2.0
6225379	6255472	9	5.23	158	1	1.5	.05	.63	.5	.5	.7	1.0	472	.01	.1	.48	33.9	.5	.18	.5	6	.2	.07	.12	3.1	.4	-9.000	.1	.05	3.0
6225381	6255473	13	6.19	47	1	.8	.05	.79	.5	.5	.2	.2	35	.05	.1	.64	26.5	.5	.52	3.0	2	.2	.20	1.13	7.2	.1	-9.000	.1	.05	21.0
6225382	6255474	26	6.78	27	1	1.3	.05	2.32	.5	.5	.2	.2	187	.08	.1	1.43	14.8	.5	.86	2.0	11	.2	.34	1.04	20.2	.1	-9.000	.1	.05	4.0
6225383	6255475	19	6.57	48	1	.5	.05	1.61	.5	.5	.2	.2	67	.04	.1	1.22	24.7	.5	.26	.5	9	.2	.08	.60	5.7	.1	-9.000	.1	.05	2.0
6225384	6255476	25	6.86	35	1	.9	.05	2.39	.5	.5	.2	.2	115	.07	.5	1.67	35.6	.5	.54	.5	10	.2	.52	.28	10.3	.1	-9.000	.1	.05	.5
6225385	6255477	26	7.17	32	1	.9	.05	2.44	.5	.5	.2	.2	84	.16	.2	1.61	35.0	.5	.71	.5	11	.2	.28	.41	11.8	.1	-9.000	.1	.05	1.0
6225386	6255478	40	7.30	15	1	.6	.05	3.96	.5	.5	.2	.2	45	.08	.7	2.61	29.6	3.0	.58	.5	7	.2	.63	.63	14.1	.4	-9.000	.1	.05	.5
6225387	6255479	3	5.67	38	4	.1	.05	.14	.5	.5	.8	.2	42	.07	.1	.10	6.1	.5	.03	.5	8	1.0	.01	.09	.5	.5	-9.000	.1	.05	1.0
6225388	6255480	4	5.39	28	1	.1	.05	.15	.5	.5	.2	.2	23	.06	.1	.11	5.9	.5	.02	.5	8	.2	.01	.09	.4	.2	-9.000	.1	.05	.5
6225389	6255481	37	7.15	24	1	.9	.05	2.58	.5	.5	.2	.2	44	.31	.1	2.62	10.0	.5	.66	.5	5	.2	1.89	1.25	7.2	.1	-9.000	.1	.05	1.0
6225391	6255482	33	7.17	34	2	2.2	.05	3.23	.5	.5	.2	.2	89	.16	.5	2.00	10.6	.5	.55	.5	8	.2	.42	1.30	14.5	.1	-9.000	.1	.05	.5
6225392	6255483	70	7.76	20	1	1.1	.05	9.27	.5	.5	.2	.2	5	.01	.1	3.52	1.9	.5	.15	.5	6	.2	.60	.49	19.4	.1	-9.000	.1	.05	.5
6225393	6255484	26	7.08	70	1	2.9	.05	3.27	.5	.5	.2	.2	184	.09	.3	1.31	6.8	.5	.56	1.0	7	.2	1.38	.42	14.4	.2	-9.000	.1	.05	2.0
6225394	6255485	20	7.07	75	1	10.5	.05	2.43	.5	.5	.2	.2	57	.09	.1	.94	3.3	.5	.55	.5	8	.2	.72	.32	10.0	.1	-9.000	.1	.05	1.0
6225395	6255486	48	7.23	29	2	1.7	.05	4.80	.5	.5	.2	.2	40	.08	.2	2.91	1.7	.5	.83	.5	6	.2	.87	.73	29.2	.1	-9.000	.1	.05	.5
6225396	6255487	4	5.49	39	1	.4	.05	.14	.5	.5	.2	.2	13	.01	.1	.10	5.7	2.0	.08	.5	2	2.0	.03	.10	.5	.6	-9.000	.1	.05	1.0
6225397	6255488	3	5.49	11	1	.1	.05	.13	.5	.5	1.8	.2	5	.04	.1	.08	7.2	.5	.01	.5	2	.2	.01	.14	.5	.1	-9.000	.1	.05	.5
6225398	6255489	4	6.11	10	2	.1	.05	.17	.5	.5	.2	.2	5	.10	.1	.18	2.9	.5	.10	.5	2	.2	.03	.13	.5	.1	-9.000	.1	.05	.5
6225399	6255490	9	4.88	104	1	1.1	.05	.27	.5	.5	.2	.2	124	.03	.1	.20	10.8	.5	.09	.5	6	.2	.33	.05	.8	.2	-9.000	.1	.05	2.0
6225401	6255491	18	6.97	34	1	.4	.05	1.48	.5	.5	.2	.2	95	.15	.3	1.07	5.0	.5	.81	.5	10	.2	.22	.34	9.4	.2	-9.000	.1	.05	.5
6225402	6255492	27	6.78	87	1	1.5	.05	2.60	.5	.5	.2	1.8	537	.03	.9	1.78	56.1	.5	.98	1.0	7	.2	2.85	.28	15.4	.4	-9.000	.3	.20	2.0
6225403	6255493	26	7.18	50	1	.7	.05	2.52	.5	.5	.2	2.1	298	.09	.6	1.68	15.0	.5	1.03	.5	8	.2	1.77	.27	15.3	.3	-9.000	.1	.10	2.0
6225404	6255494	21	7.11	50	1	.9	.05	2.00	.5	.5	.2	2.4	169	.09	.3	1.17	4.4	.5	.90	.5	8	.2	.94	.31	10.8	.3	-9.000	.2	.30	2.0
6225405	6255495	30	7.14	45	1	1.3	.05	3.45	.5	.5	.2	1.8	354	.08	.2	1.49	22.5	.5	.84	.5	7	.2	1.67	.18	19.5	.1	-9.000	.1	.30	2.0
6225406	6255496	22	7.16	38	1	1.4	.05	2.66	.5	.5	.2	2.0	368	.08	.1	1.10	13.8	.5	.57	.5	8	.2	.36	.22	15.9	.2	-9.000	.1	.05	2.0
6225407	6255497	24	7.16	31	4	1.2	.05	2.90	.5	.5	.2	.7	807	.01	.1	1.52	24.5	.5	.43	.5	7	.2	.57	.10	14.5	.1	-9.000	.1	.05	2.0
6225408	6255498	6	5.12	45	1	.9	.05	1.58	.5	.5	.2	1.6	45	.10	.1	.75	1.0	.5	.69	1.0	2	.2	.88	.32	10.3	.1	-9.000	.2	.20	4.0
6225409	6255499	18	7.13	66	1	1.4	.05	2.09	.5	.5	.2	1.9	437	.05	.1	.93	42.7	3.0	.68	2.0	11	.2	1.17	.18	13.1	.7	-9.000	.5	.40	4.0
6225411	6255500	16	6.80	43	1	1.1	.05	1.45	.5	.5	.2	4.0	48	.13	.1	.73	4.9	.5	.55	.5	10	.2	.49	.55	10.2	.4	-9.000	.1	.20	4.0
6225412	6255501	16	6.77	45	1	1.2	.05	1.46	.5	.5	.2	3.5	44	.17	.1	.74	5.0	.5	.57	1.0	13	.2	.50	.56	10.4	.2	-9.000	.1	.05	4.0
6225413	6255502	17	6.89	49	1	.4	.05	.21	.5	.5	.2	2.0	115	.04	.1	.10	23.3	.5	.07	.5	2	.2	.04	.08	.8	.2	-9.000	.1	.20	3.0
6225414	6255503	19	6.96	51	1	1.0	.05	1.74	.5	.5	.2	3.2	155	.08	.1	.98	13.2	.5	.77	.5	5	.2	.82	.32	11.3	.3	-9.000	.1	.10	3.0
6225415	6255504	23	6.96	57	1	1.3	.05	2.37	.5	.5	.2	2.2	189	.04	.4	1.28	7.3	.5	.61	.5	7	.2	.46	.31	14.0	.1	-9.000	.1	.10	2.0
6225416	6255505	18	6.89	21	1	1.0	.05	1.66	.5	.5	.2	1.2	87	.13	.1	1.08	12.4	.5	.50	.5	6	.2	.41	.22	9.0	.1	-9.000	.1	.20	2.0

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225417	6255506	15	6.81	32	1	.7	.05	1.43	.5	.5	.2	1.0	428	.01	.1	.92	8.0	.5	.35	.5	2	.2	.23	.13	8.8	.1	-9.000	.1	.05	2.0
6225418	6255507	8	6.01	112	1	1.5	.05	.41	.5	.5	.2	1.1	389	.07	.1	.44	9.9	.5	.30	.5	7	.2	.09	.23	2.1	.7	-9.000	.1	.05	4.0
6225419	6255508	17	6.49	113	1	1.8	.05	1.57	.5	.5	.2	3.5	749	.06	.2	1.22	19.4	.5	.46	1.0	10	.2	.27	.26	7.7	.9	-9.000	.5	.30	3.0
6225421	6255509	23	7.06	19	1	1.9	.05	2.29	.5	.5	.2	1.9	340	.14	.1	1.34	54.9	.5	.60	.5	6	.2	1.14	.30	10.7	.2	-9.000	.1	.05	2.0
	6275510	20	6.88	123	1	2.0	.05	1.97	.5	.5	.2	3.5	652	.08	.1	1.39	30.5	.5	.48	.5	9	.2	.41	.43	9.1	.7	-9.000	.1	.30	3.0
6225423	6255511	29	7.46	21	5	.9	.05	2.89	.5	.5	.2	.2	112	.16	.2	1.71	13.2	.5	.72	3.0	9	.2	.98	.68	11.4	.2	-9.000	.1	.10	2.0
6225424	6255512	42	7.45	17	1	1.0	.05	3.70	.5	.5	.2	.2	45	.24	1.2	2.83	21.2	.5	.55	.5	2	.2	.99	1.18	10.4	.1	-9.000	.1	.10	1.0
6225425	6255513	34	7.35	2	1	.7	.05	3.22	.5	.5	.2	.2	5	.18	.6	1.91	1.0	.5	.78	.5	2	.2	1.31	.48	13.1	.1	-9.000	.1	.05	.5
6225426	6255514	38	7.56	65	1	1.8	.05	5.11	.5	.5	.2	2.0	114	.06	.2	1.70	9.9	.5	.68	.5	6	.2	.53	.69	20.6	.3	-9.000	.1	.05	2.0
	6275515	11	5.51	120	1	.9	.05	.95	.5	.5	.2	1.7	545	.03	.1	.61	74.8	.5	.10	.5	2	.2	.76	.11	2.3	.3	-9.000	.1	.20	3.0
6225428	6255516	42	7.62	25	1	1.0	.05	5.72	.5	.5	.2	3.5	104	.03	.1	2.32	7.4	.5	.46	1.0	6	.2	1.21	.32	12.4	.1	-9.000	.1	.05	2.0
6225429	6255517	35	7.49	31	1	2.2	.05	4.02	.5	.5	1.2	3.2	248	.08	.1	2.50	49.0	3.0	.43	.5	9	.2	1.23	.42	8.9	.6	-9.000	.3	.20	2.0
6225431	6255518	32	7.08	72	1	2.2	.05	3.56	.5	.5	.2	2.4	678	.08	.3	2.62	39.0	.5	.23	.5	5	.2	.54	.25	6.7	.3	-9.000	.1	.20	2.0
6225432	6255519	58	7.59	20	1	3.9	.05	6.12	.5	.5	.2	3.7	200	.13	1.0	3.84	19.0	.5	.52	.5	7	.2	.87	.47	14.7	.1	-9.000	.1	.05	2.0
6225433	6255520	50	7.73	19	1	.8	.05	6.28	.5	.5	.2	3.9	22	.21	.1	2.78	4.5	.5	.54	.5	2	.2	.97	.46	12.5	.1	-9.000	.1	.05	2.0
6225434	6255521	84	7.82	20	1	1.3	.05	13.04	.5	.5	.2	3.3	18	.30	.5	2.80	5.2	.5	1.23	6.0	6	.2	2.30	.76	26.6	.1	-9.000	.1	.05	2.0
6225435	6255522	89	8.07	18	7	.9	.05	13.11	.5	.5	.2	.2	14	.31	.3	2.81	4.7	.5	1.23	.5	6	.2	2.31	.77	28.0	.1	-9.000	.2	.05	.5
6225436	6255523	54	7.55	32	4	2.2	.05	6.93	.5	.5	.2	.7	219	.10	.6	2.73	11.2	.5	.94	.5	10	.2	1.32	.39	17.6	.1	-9.000	.1	.05	2.0
6225437	6255524	33	7.53	17	1	.7	.05	4.25	.5	.5	.2	.7	23	.17	.1	1.38	3.7	.5	.76	.5	2	.2	1.02	.33	12.6	.1	-9.000	.1	.05	1.0
6225438	6255525	43	7.46	53	1	1.2	.05	5.60	.5	.5	.2	1.8	239	.09	.1	2.24	34.7	.5	.75	.5	6	.2	1.75	.35	15.7	.1	-9.000	.1	.10	2.0
6225439	6255526	44	7.34	70	1	1.6	.05	6.20	.5	.5	.2	3.6	212	.05	.1	2.14	33.5	3.0	.82	.5	6	.2	2.02	.31	20.1	.7	-9.000	.5	.20	2.0
6225441	6255527	45	7.42	23	1	.9	.05	5.02	.5	.5	.2	1.7	67	.13	.1	2.62	7.9	.5	.79	.5	7	.2	1.42	.36	16.5	.2	-9.000	.1	.20	2.0
6225442	6255528	36	7.39	29	1	.9	.05	3.99	.5	.5	.2	2.2	100	.20	.6	2.12	10.7	.5	.66	.5	7	.2	1.08	.34	12.4	.2	-9.000	.3	.05	2.0
6225443	6255529	34	7.55	32	1	1.1	.05	4.84	.5	.5	.2	2.3	165	.06	.2	1.59	6.4	.5	.40	.5	6	.2	.61	.35	15.4	.2	-9.000	.1	.10	2.0
6225444	6255530	49	7.59	21	1	1.0	.05	6.56	.5	.5	.2	2.6	34	.19	.2	2.12	25.8	.5	.60	.5	2	.2	.88	.77	21.4	.1	-9.000	.1	.05	2.0
6225445	6255531	17	7.03	88	1	2.5	.05	1.94	.5	.5	.2	2.8	352	.06	.5	1.24	28.7	.5	.46	.5	9	.2	.40	.33	8.2	.4	-9.000	.1	.20	2.0
6225446	6255532	9	6.48	30	1	.4	.05	.77	.5	.5	.2	1.7	24	.04	.2	.40	2.7	.5	.34	.5	7	.2	.06	.22	3.3	.3	-9.000	.1	.10	2.0
6225447	6255533	20	6.92	43	3	1.0	.05	2.36	.5	.5	.2	2.1	120	.13	.2	.99	8.4	.5	.46	.5	2	.2	.65	.31	10.0	.2	-9.000	.1	.10	3.0
6225448	6255534	17	6.76	48	1	1.0	.05	1.89	.5	.5	.2	.2	93	.09	.1	.83	4.9	.5	.47	.5	6	.2	.55	.34	9.2	.2	-9.000	.1	.10	2.0
6225449	6255535	24	7.26	51	1	1.0	.05	2.99	.5	.5	.2	.2	153	.16	.1	1.25	12.2	2.0	.42	.5	6	.2	.60	.28	11.0	.7	-9.000	.1	.10	1.0
6225451	6255536	20	7.28	25	1	.9	.05	1.96	.5	.5	.2	.2	44	.14	.2	1.27	9.2	.5	.48	.5	2	.2	.23	.23	8.1	.2	-9.000	.1	.10	.5
6225452	6255537	8	6.77	13	1	.5	.05	.53	.5	.5	.2	.2	106	.04	.1	.47	2.3	.5	.42	.5	6	.2	.25	.07	2.7	.2	-9.000	.1	.10	.5
6225453	6255538	19	6.90	51	1	.8	.05	2.24	.5	.5	.2	.2	81	.09	.1	.84	7.6	.5	.45	.5	7	.2	.59	.23	9.5	.3	-9.000	.1	.05	1.0
6225454	6255539	27	7.27	85	1	1.5	.05	4.57	.5	.5	.2	2.3	89	.08	.1	.61	4.4	.5	.46	.5	6	.2	.48	.38	19.8	.2	-9.000	.1	.10	3.0
6225455	6255540	6	6.16	90	1	1.4	.05	.35	.5	.5	.2	.2	128	.03	.1	.27	23.0	.5	.27	.5	2	.2	.24	.26	1.7	.6	-9.000	.1	.20	2.0
6225456	6255541	10	6.41	207	1	2.5	.05	1.02	.5	.5	1.7	.2	711	.07	.2	.61	59.7	.5	.32	.5	10	.2	.28	.26	5.3	1.1	-9.000	.1	.30	3.0
6225457	6255542	52	7.53	22	1	1.7	.05	6.33	.5	.5	.2	.2	29	.39	.1	2.46	5.4	.5	1.08	.5	2	.2	1.26	.49	23.6	.1	-9.000	.1	.10	.5
6225458	6255543	58	7.32	75	5	1.6	.05	8.04	.5	.5	.2	.2	70	.11	.3	2.44	4.0	.5	.97	.5	2	.2	2.34	.40	30.5	.1	-9.000	.1	.10	1.0
6225459	6255544	58	7.64	73	3	1.5	.05	8.03	.5	.5	.2	.8	69	.12	.3	2.43	4.8	3.0	.97	.5	7	.2	2.36	.41	31.0	.7	-9.000	.4	.20	1.0
6225461	6255545	27	7.28	23	2	1.1	.05	2.94	.5	.5	.2	.2	70	.24	.4	1.47	7.6	.5	.63	.5	2	.2	1.11	.33	9.6	.2	-9.000	.1	.10	1.0
6225462	6255546	31	7.06	29	1	1.2	.05	3.98	.5	.5	.2	.2	60	.17	.1	1.28	20.0	.5	.65	.5	2	.2	1.17	.28	12.9	.1	-9.000	.1	.05	.5
6225463	6255547	35	7.25	20	1	.5	.05	3.86	.5	.5	.2	.2	16	.21	.1	1.67	7.3	.5	.78	.5	2	.2	.80	.36	12.2	.1	-9.000	.1	.05	.5
6225464	6255548	38	7.23	27	1	1.0	.05	4.84	.5	.5	.2	.2	25	.17	.5	1.57	1.7	.5	.91	.5	5	.2	.60	.32	17.5	.1	-9.000	.1	.10	.5
6225465	6255549	48	7.22	51	1	1.3	.05	6.07	.5	.5	.2	.2	125	.12	.1	2.51	17.8	.5	.81	.5	7	.2	.92	.37	23.2	.2	-9.000	.1	.05	1.0
6225466	6255550	36	7.14	32	1	1.0	.05	4.76	.5	.5	.2	.2	182	.03	.2	1.75	5.3	.5	.89	.5	8	.2	1.03	.19	21.0	.1	-9.000	.1	.10	1.0
6225467	6255551	67	7.68	23	1	1.8	.05	8.95	.5	.5	.2	.2	296	.10	.5	2.74	43.5	.5	.84	.5	7	.2	2.96	1.22	27.8	.1	-9.000	.5	.05	3.0
6225468	6255552	6	5.14	37	1	.5	.05	.28	.5	.5	.2	.2	106	.03	.1	.16	10.7	.5	.16	.5	2	.2	.05	.09	1.2	.1	-9.000	.1	.05	2.0
6225469	6255553	32	7.06	38	1	1.1	.05	2.30	.5	.5	.2	1.2	63	.33	1.0	2.24	13.4	2.0	.41	1.0	5	.2	1.96	1.83	6.6	.7	-9.000	.1	.20	1.0
6225471	6255554	24	7.03	38	1	1.1	.05	2.13	.5	.5	.2	.2	108	.14	.1	1.39	44.7	.5	.67	.5	11	.2	.38	.63	8.5	.3	-9.000	.1	.20	1.0
6225472	6255555	34	7.41	53	1	1.5	.05	4.03	.5	.5	.2	1.6	269	.07	.6	1.95	14.5	.5	.83	.5	8	.2	.92	.38	16.6	.3	-9.000	.1	.20	1.0
6225473	6255556	12	6.78	58	1	1.4	.05	1.37	.5	.5	.2	2.0	416	.06	.1	.69	12.5	.5	.29	.5	15	.2	.19	.15	6.6	.5	-9.000	.5	.20	1.0
6225474	6255557	40	7.42	42	1	4.7	.05	4.00	.5	.5	.2	.6	42	.09	.2	2.45	11.5	.5	.83	.5	16	.2	.81	.97	14.0	.2	-9.000	.3	.05	.5
6225475	6255558	26	7.03	30	1	1.5	.05	2.68	.5	.5	.2	.2	30	.14	.1	1.24	7.4	.5	.48	.5	2	.2	1.02	1.12	6.7	.1	-9.000	.1	.20	.5
6225476	6255559	52	7.56	30	1	2.0	.05	6.61	.5	.5	.2	.2	38	.03	.1	2.63	4.0	.5	.28	.5	2	.2	.16	.32	18.5	.1	-9.000	.1	.10	.5
6225477	6255560	27	7.08	42	1	1.6	.05	2.82	.5	.5	.2	.2	59	.17	.2	1.30	11.8	.5	.47	.5	2	.2	.98	1.10	7.1	.2	-9.000	.1	.05	1.0
6225478	6255561	40	7.11	95	1	2.7	.05	4.66	.5	.5	.2	.8	252	.01	.4	2.56	16.4	.5	.64	2.0	6	.2	2.18	.42	13.1	.3	-9.000	.1	.30	.5
6225479	6255562	29	6.92	105	1	2.2	.05	3.97	.5	.5	.2	.8	308	.04	.6	1.58	13.5	3.0	.51	1.0	2	.2	1.73	.35	10.0	.9	-9.000	.1	.40	2.0
6225481	6255563	23	6.88	51	1	1.6	.05	2.84	.5	.5	.2	.2	271	.11	.1	1.22	17.9	.5	.41	.5	8	.2	.67	.22	7.7	.4	-9.000	.5	.20	1.0
6225482	6255564	20	6.97	67	1	2.4	.05	2.19	.5	.5	.2	.2	963	.05	.4	1.37	32.5	.5	.31	.5	9	.2	.52	.15	9.5	.4	-9.000	.1	.05	2.0
6225483	6255565	16	6.85	57	2	1.7	.05	1.74	.5	.5	.2	.2	405	.11	.3	.88	9.4	.5	.34	.5	13	.2	.19	.18	7.0	.3	-9.000	.1	.20	1.0
	6275566	18	6.58	36	3	4.5	.05	2.17	.5	.5	.2	.2	370	.05	.1	1.02	22.8	.5	.21	.5	18	.2	.62	.08	10.1	.1	-9.000	.1	.05	2.0
6225485	6255567	22	6.78	29	3	5.4	.05	2.71	.5	.5	.2	.2	539	.13	.1	1.21	4.9	.5	.31	.5	32	.2	.66	.09	12.5	.2	-9.000	.1	.05	3.0
6225486	6255568	11	6.40	47	4	1.6	.05	1.08	.5	.5	.2	.2	665	.05	.1	.63	7.7	.5	.30	.5	17	.2	.13	.12	5.3	.4	-9.000	.1	.05	2.0
6225487	6255569	11	6.71	28	1	2.2	.05	1.27	.5	.5	.2	.2	59	.34	.1	.56	5.5	.5	.35	.5	9	.2	.06	.17	4.5	.2	-9.000	.1	.05	.5
6225488	6255570	32	7.20	60	1	5.5	.05	5.49	.5	.5	.2	.2	180	.10	.2	1.05	7.5	.5	.35	.5	2	.2	.55	.31	10.6	.2	-9.000	.1	.05	1.0
6225489	6255571	27	7.23	138	3	3.0	.05	3.84	.5	.5	.2	.8	412	.01	.3	1.69	23.1	3.0	.48	2.0	6	.2	1.30	.35	9.5	.9	-9.000	.1	.30	2.0
6225491	6255572	41	7.26	95	1	3.3	.05	4.99	.5	.5	.2	.8	411	.23	.1	2.15	22.1	.5	.58	1.0	2	.2	1.83	.96	11.7	.4	-9.000	.1	.10	2.0
6225492	6255573	27	6.95	34	2	2.1	.05	2.89	.5	.5	.2	.2	231	.11	.3	1.54	12.4	.5	.51	1.0	7	.2	1.69	.69	7.3	.2	-9.000	.1	.20	1.0

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225493	6255574	43	7.48	43	3	1.2	.05	5.13	.5	.5	.2	.2	103	.09	.1	2.55	4.3	.5	.49	.5	6	.2	.56	.72	15.7	.1	-9.000	.1	.40	1.0
6225494	6255575	38	7.69	43	6	1.7	.05	4.01	.5	.5	.2	.2	139	.08	.1	2.70	6.3	.5	.57	.5	9	.2	.50	.40	12.2	.1	-9.000	.1	.05	1.0
6225495	6255576	39	7.33	35	5	1.6	.05	4.00	.5	.5	.2	.2	49	.08	.1	2.73	3.6	.5	.59	.5	8	.2	.49	.39	12.1	.1	-9.000	.1	.05	2.0
6225496	6255577	27	7.44	43	3	1.6	.05	2.63	.5	.5	.2	3.1	107	.24	.5	1.62	30.4	.5	.71	1.0	9	.2	.89	.48	13.0	.1	-9.000	.1	.05	2.0
6225497	6255578	25	7.43	48	3	1.4	.05	2.49	.5	.5	.2	1.4	86	.20	1.0	1.50	28.9	.5	.76	1.0	9	.2	1.01	.45	13.2	.1	-9.000	.1	.05	2.0
6225498	6255579	18	7.18	46	1	2.0	.05	2.41	.5	.5	1.4	2.8	257	.12	.8	.58	55.4	.5	.57	2.0	6	.2	.84	.28	18.6	.1	-9.000	.1	.05	3.0
6225499	6255580	17	7.09	58	1	1.4	.05	2.10	.5	.5	.2	2.2	215	.11	.3	.71	5.0	.5	.78	2.0	7	.2	.49	.34	15.6	.2	-9.000	.3	.05	3.0
6225501	6255581	17	7.05	67	1	1.5	.05	1.94	.5	.5	.2	2.0	186	.06	.2	.64	4.5	.5	.84	4.0	7	.2	1.18	.39	15.6	.2	-9.000	.1	.20	7.0
6225502	6255582	22	6.94	43	1	1.5	.05	2.61	.5	.5	.2	1.9	325	.15	.8	1.06	10.8	.5	.69	1.0	9	.2	.21	.22	16.1	.2	-9.000	.1	.05	4.0
6225503	6255583	21	7.26	43	2	1.5	.05	2.50	.5	.5	.2	1.1	287	.08	1.2	1.02	12.0	.5	.69	.5	9	.2	.22	.23	15.8	.1	-9.000	.1	.05	2.0
6225504	6255584	20	7.28	37	1	1.3	.05	2.05	.5	.5	.2	.6	143	.17	.9	1.20	40.3	2.0	.71	.5	11	.2	.53	.35	10.8	.4	-9.000	.2	.05	1.0
6225505	6255585	23	7.20	39	6	1.4	.05	2.24	.5	.5	.2	2.4	167	.16	.8	1.26	34.1	.5	.73	.5	10	.2	.26	.37	13.6	.4	-9.000	.1	.05	2.0
6225506	6255586	30	7.59	41	5	1.0	.05	2.95	.5	.5	.2	.6	119	.17	1.2	1.77	12.9	.5	.74	.5	7	.2	1.59	.58	11.8	.1	-9.000	.1	.05	1.0
6225507	6255587	104	8.27	18	4	1.0	.05	10.31	.5	.5	.2	.5	24	.25	.8	7.48	5.2	.5	.29	.5	2	.2	1.56	1.50	10.5	.1	-9.000	.4	.05	.5
6225508	6255588	147	8.20	6	4	.6	.05	14.87	.5	.5	.2	.2	50	.35	.1	10.22	17.9	.5	.44	.5	2	.2	2.36	2.09	4.7	.1	-9.000	.1	.05	.5
6225509	6255589	119	8.27	16	3	1.6	.05	11.43	.5	.5	.2	.6	26	.47	1.2	8.40	9.3	.5	.43	.5	2	.2	2.54	2.57	12.7	.1	-9.000	.1	.05	.5
6225511	6255590	20	7.02	35	3	1.4	.05	2.20	.5	.5	.2	1.8	178	.14	.2	1.06	21.7	.5	.70	.5	11	.2	.19	.31	13.5	.1	-9.000	.4	.05	2.0
6225512	6255591	31	7.20	83	1	1.7	.05	3.44	.5	.5	.2	.2	684	.07	.6	2.06	64.2	.5	1.07	.5	10	.2	1.26	.27	20.9	.4	-9.000	.1	.05	2.0
6225513	6255592	22	7.04	34	1	.8	.05	1.95	.5	.5	.2	2.1	34	.25	.9	1.27	2.8	.5	.75	.5	7	.2	.70	.38	9.4	.1	-9.000	.1	.05	1.0
6225514	6255593	32	7.56	71	1	1.8	.05	3.94	.5	.5	.2	2.3	96	.16	.5	1.72	2.6	3.0	.85	.5	6	.2	.94	.27	15.6	.7	-9.000	.3	.05	1.0
6225515	6255594	42	7.05	76	2	1.3	.05	3.19	.5	.5	.2	.2	89	.41	1.0	2.33	37.7	.5	.64	1.0	2	.2	1.56	4.10	12.1	.1	-9.000	.1	.05	4.0
	6275595	4	5.58	67	1	.3	.05	.22	.5	.5	.2	1.0	22	.13	.2	.10	4.0	.5	.15	.5	14	.2	.10	.13	.8	.8	-9.000	.1	.05	1.0
6225517	6255596	37	7.44	60	9	1.4	.05	3.19	.5	.5	.2	2.3	62	.37	1.1	2.15	3.2	.5	.60	2.0	2	.2	1.81	1.62	14.5	.1	-9.000	.1	.05	1.0
6225518	6255597	50	7.59	15	3	.8	.05	4.54	.5	.5	.2	1.3	62	.22	1.6	3.02	4.2	.5	.63	.5	2	.2	1.56	1.74	17.7	.1	-9.000	.1	.05	1.0
6225519	6255598	21	6.79	164	2	3.1	.05	2.24	.5	.5	.2	1.3	421	.07	.8	1.63	34.2	.5	.34	2.0	6	.2	1.19	.17	8.2	.3	-9.000	.1	.30	3.0
6225521	6255599	37	7.50	53	4	5.1	.05	3.74	.5	.5	.2	1.4	137	.52	1.1	1.75	10.2	.5	.80	1.0	8	.2	.66	.74	18.7	.2	-9.000	.1	.05	.5
6225522	6255600	34	7.41	108	1	8.4	.05	4.83	.5	.5	.2	2.4	113	.37	.8	1.34	1.6	.5	.70	2.0	2	.2	2.16	.66	38.5	.2	-9.000	.1	.05	2.0
6225523	6255601	16	7.17	41	3	3.6	.05	2.30	.5	.5	.2	.2	67	.29	.1	.47	7.2	.5	.23	4.0	10	.2	.06	.16	4.9	.1	-9.000	.1	.05	1.0
6225524	6255602	41	7.44	72	2	5.7	.05	7.32	.5	.5	.2	3.4	193	.14	.5	1.04	10.1	3.0	.44	1.0	2	.2	1.49	.37	11.4	.6	-9.000	.1	.10	1.0
6225525	6255603	23	7.26	75	1	5.0	.05	2.96	.5	.5	.2	2.2	133	.26	.3	.96	9.8	.5	.53	.5	11	.2	.41	.42	7.3	.2	-9.000	.1	.05	2.0
6225526	6255604	18	6.88	39	1	6.3	.05	2.04	.5	.5	.2	1.3	407	.23	.4	1.06	22.8	.5	.48	1.0	5	.2	.58	.17	10.0	.1	-9.000	.1	.05	2.0
6225527	6255605	9	6.57	53	2	4.0	.05	.93	.5	.5	.2	1.5	304	.14	.6	.41	5.2	.5	.22	.5	7	.2	.19	.14	4.1	.2	-9.000	.1	.05	1.0
6225528	6255606	23	7.01	58	1	6.0	.05	2.90	.5	.5	.2	.5	350	.25	.7	1.15	6.9	.5	.52	1.0	8	.2	.45	.31	9.5	.2	-9.000	.3	.05	4.0
6225529	6255607	27	7.20	74	1	5.7	.05	3.94	.5	.5	.2	1.9	53	.27	.4	.90	7.2	.5	.40	2.0	8	.2	.23	.33	7.4	.1	-9.000	.1	.05	1.0
6225531	6255608	38	7.43	59	1	6.9	.05	6.58	.5	.5	.2	.7	116	.20	.3	.99	9.8	.5	.41	.5	6	.2	.71	.35	11.2	.1	-9.000	.2	.05	.5
6225532	6255609	38	7.52	66	1	6.9	.05	6.71	.5	.5	.2	1.6	122	.15	.2	.98	11.0	.5	.41	.5	7	.2	.71	.36	11.0	.1	-9.000	.1	.05	1.0
	6275610	21	7.16	58	1	2.8	.05	2.67	.5	.5	.2	.6	343	.20	.3	1.01	18.0	.5	.38	2.0	10	.2	.63	.25	7.3	.2	-9.000	.1	.05	1.0
6225534	6255611	8	5.82	33	3	.6	.05	.19	.5	.5	.2	.2	110	.10	.3	.04	2.9	2.0	.06	.5	10	1.0	.04	.11	.4	.4	-9.000	.1	.05	1.0
6225535	6255612	107	7.00	149	4	3.6	.05	14.46	.5	.5	.2	1.6	176	.21	.9	3.66	20.4	.5	.76	2.0	8	.2	2.15	11.08	258.2	.2	-9.000	.1	.20	3.0
6225536	6255613	43	7.52	41	2	1.2	.05	4.31	.5	.5	.2	1.2	16	.15	.4	2.77	1.5	.5	.55	2.0	2	.2	1.33	.94	10.0	.1	-9.000	.1	.05	3.0
6225537	6255614	8	6.49	135	1	1.8	.05	.64	.5	.5	.2	.8	273	.08	.1	.48	16.0	.5	.28	.5	9	.2	.19	.21	2.4	.6	-9.000	.1	.05	2.0
6225538	6255615	7	6.23	60	1	.6	.05	.52	.5	.5	.2	1.8	215	.08	.1	.41	8.7	.5	.18	.5	7	.2	.08	.10	1.7	.2	-9.000	.3	.05	3.0
6225539	6255616	44	7.36	56	1	1.7	.05	4.72	.5	.5	.2	1.4	70	.05	.2	2.88	3.9	.5	.48	1.0	2	.2	.94	.87	10.4	.1	-9.000	.1	.05	1.0
6225541	6255617	101	7.76	22	1	1.4	.05	9.45	.5	.5	.2	.9	37	.79	1.2	6.12	16.2	.5	1.33	.5	2	.2	2.09	2.07	41.0	.1	-9.000	.1	.05	.5
6225542	6255618	14	7.12	12	1	.8	.05	.97	.5	.5	.2	.2	19	.17	.7	.87	3.1	.5	.46	.5	7	.2	1.03	.65	4.8	.1	-9.000	.1	.05	.5
6225543	6255619	14	6.94	62	1	1.7	.05	1.46	.5	.5	.2	.2	182	.09	.1	.56	7.3	.5	.55	.5	10	.2	.75	.26	10.2	.3	-9.000	.1	.05	2.0
6225544	6255620	22	7.20	74	1	1.2	.05	2.32	.5	.5	.2	.2	105	.13	.7	1.17	6.0	2.0	1.03	2.0	2	1.0	2.52	.35	15.4	.7	-9.000	.1	.20	5.0
6225545	6255621	18	6.99	84	1	1.6	.05	1.92	.5	.5	.2	1.7	143	.10	.2	.67	4.4	.5	.97	3.0	6	.2	2.17	.40	14.7	.4	-9.000	.2	.30	8.0
6225546	6255622	33	7.40	50	1	1.2	.05	3.08	.5	.5	.2	.2	61	.27	.3	2.01	1.6	.5	.91	1.0	2	.2	1.62	.70	24.7	.2	-9.000	.1	.05	3.0
6225547	6255623	25	7.18	137	4	1.8	.05	2.93	.5	.5	.2	2.6	248	.12	.8	1.41	9.1	.5	1.00	3.0	6	.2	2.53	.38	21.9	.4	-9.000	.1	.30	6.0
6225548	6255624	31	7.32	66	1	1.3	.05	3.40	.5	.5	.2	.9	243	.19	1.1	1.77	15.1	.5	.87	2.0	6	.2	1.74	.53	25.6	.2	-9.000	.1	.20	3.0
6225549	6255625	8	6.31	102	2	1.1	.05	.85	.5	.5	.2	.2	311	.07	.1	.40	14.3	.5	.35	.5	7	.2	.10	.10	5.3	.3	-9.000	.1	.05	3.0
6225551	6255626	61	7.71	22	2	5.0	.05	7.86	.5	.5	.2	.2	197	.32	.1	2.58	22.3	.5	.95	.5	7	.2	2.54	.56	23.7	.1	-9.000	.1	.05	1.0
6225552	6255627	6	6.34	33	1	1.2	.05	.57	.5	.5	.2	.2	60	.14	.5	.25	4.6	.5	.25	.5	7	.2	.02	.09	2.2	.1	-9.000	.1	.05	1.0
6225553	6255628	37	7.44	84	1	1.9	.05	4.41	.5	.5	.2	.2	293	.10	.8	2.38	27.4	.5	1.02	.5	8	.2	1.49	.31	15.9	.3	-9.000	.1	.05	1.0
6225554	6255629	5	5.40	39	1	.8	.05	.18	.5	.5	.7	.2	60	.06	.1	.10	15.4	2.0	.15	.5	9	1.0	.01	.15	.9	.7	-9.000	.2	.10	2.0
6225555	6255630	9	6.03	120	1	1.5	.05	.75	.5	.5	.2	.2	333	.11	.8	.54	9.9	.5	.35	.5	10	.2	.13	.18	3.3	.7	-9.000	.2	.10	1.0
6225556	6255631	22	7.11	64	1	2.1	.05	2.31	.5	.5	.2	.2	320	.16	.6	1.26	12.9	.5	.73	.5	12	.2	.46	.27	12.3	.3	-9.000	.1	.05	1.0
6225557	6255632	7	5.68	45	1	2.2	.05	.31	.5	.5	.7	.2	458	.14	.1	.15	13.0	.5	.31	.5	15	.2	.09	.10	1.7	.3	-9.000	.1	.05	1.0
6225558	6255633	5	6.83	25	3	1.3	.05	2.12	.5	.5	.2	.2	65	.19	.3	1.01	33.3	.5	.62	.5	10	.2	.50	.31	9.7	.1	-9.000	.1	.05	1.0
6225559	6255634	14	5.48	120	1	1.1	.05	.25	.5	.5	.6	.2	265	.09	.1	.17	17.4	.5	.22	.5	6	.2	.06	.13	1.2	.7	-9.000	.4	.05	2.0
6225561	6255635	32	6.38	41	1	1.8	.05	1.36	.5	.5	.2	.2	205	.11	.2	.72	4.5	.5	.59	.5	8	.2	.78	.13	7.0	.1	-9.000	.1	.05	1.0
6225562	6255636	32	7.10	41	1	1.4	.05	3.16	.5	.5	.2	.2	131	.24	.4	1.94	13.8	.5	.99	.5	9	.2	1.32	.42	17.0	.1	-9.000	.1	.05	2.0
	6275637	31	7.36	46	2	1.3	.05	3.20	.5	.5	.2	.2	167	.28	.6	1.97	14.9	.5	1.03	.5	9	.2	1.51	.43	17.3	.2	-9.000	.4	.05	4.0
6225564	6255638	28	7.33	34	2	2.4	.05	3.32	.5	.5	1.3	.2	257	.11	.7	1.35	37.0	3.0	.79	1.0	11	.2	.30	.18	22.2	.5	-9.000	.3	.05	2.0
6225565	6255639	20	6.89	21	1	1.0	.05	2.22	.5	.5	.2	.2	60	.21	.5	1.03	28.1	.5	.63	.5	8	.2	.59	.30	10.1	.1	-9.000	.4	.05	1.0
6225566	6255640	20	7.09	23	1	1.0	.05	2.16	.5	.5	.2	.2	78	.20	.4	1.02	35.1	.5	.61	.5	8	.2	.58	.30	10.2	.1	-9.000	.1	.05	1.0
6225567	6255641	23	7.04	30	2	1.2	.05	2.40	.5	.5	.2	.2	174	.21	.5	1.14	57.1	.5	.64	.5	10	.2	.63	.29	11.1	.1	-9.000	.1	.05	1.0

Appendix 2: Schefferville Area

labnum	fldnum	conduct µS	pH_w	Alw2 ppb	Asw2x ppb	Baw2 ppb	Bew2 ppb	Caw1 ppm	Cdw2 ppb	Cow2 ppb	Crw2 ppb	Cuw2 ppb	Few1 ppb	Kw1 ppm	Liw2 ppb	Mgw1 ppm	Mnw1 ppb	Mow2 ppb	Naw1 ppm	Niw2 ppb	Pw2 ppb	Pbw2 ppb	Siw1 ppm	SO4w1 ppm	Srw2 ppb	Tiw2 ppb	Uw3 ppb	Vw2 ppb	Yw2 ppb	Znw2 ppb
6225568	6255642	8	6.30	44	1	1.1	.05	.54	.5	.5	.2	.2	92	.13	.6	.45	4.4	.5	.44	.5	2	.2	.11	.19	2.2	.2	-9.000	.1	.05	1.0
6225569	6255643	24	7.09	22	1	1.1	.05	2.47	.5	.5	.2	.2	90	.18	.5	1.28	25.5	.5	.70	.5	6	.2	.47	.33	12.4	.1	-9.000	.1	.05	1.0
6225571	6255644	21	6.85	37	3	1.7	.05	2.21	.5	.5	.2	.2	461	.06	.4	1.34	23.9	.5	.50	.5	9	.2	.36	.18	12.5	.1	-9.000	.1	.05	3.0
6225572	6255645	4	5.72	28	3	.7	.05	.33	.5	.5	.2	.2	113	.08	.2	.15	13.5	.5	.06	.5	2	.2	.04	.10	1.4	.1	-9.000	.1	.05	1.0
6225573	6255646	15	6.64	60	2	1.9	.05	1.39	.5	.5	.2	.2	362	.15	.4	.90	8.6	.5	.46	.5	8	.2	.17	.29	6.4	.2	-9.000	.1	.05	2.0
6225574	6255647	10	6.37	19	1	.8	.05	.88	.5	.5	.2	.2	88	.07	.1	.58	5.7	2.0	.15	.5	2	1.0	.06	.34	6.4	.4	-9.000	.1	.05	2.0
6225575	6255648	15	6.90	12	1	1.4	.05	1.47	.5	.5	.2	.2	42	.08	.6	.91	10.6	.5	.33	.5	2	.2	1.27	.31	10.5	.1	-9.000	.1	.05	1.0
6225576	6255649	19	6.53	60	1	1.1	.05	1.58	.5	.5	.2	.2	170	.10	.8	1.15	4.9	.5	.40	2.0	2	.2	.30	1.03	8.0	.2	-9.000	.1	.05	4.0
6225577	6255650	10	5.26	84	1	.9	.05	.68	.5	.5	.6	.2	370	.03	.3	.50	13.0	.5	.04	.5	2	.2	.16	.13	2.0	.1	-9.000	.1	.05	2.0
6225578	6255651	28	6.96	88	1	1.9	.05	3.24	.5	.5	.2	.2	481	.05	.2	2.21	24.2	.5	.63	1.0	8	.2	1.53	.25	14.6	.1	-9.000	.1	.05	2.0
6225579	6255652	29	6.99	66	1	1.2	.05	3.24	.5	.5	.2	.2	202	.09	.5	1.79	38.5	.5	.66	1.0	2	.2	1.89	.52	17.2	.2	-9.000	.1	.05	4.0
	6275653	31	7.10	36	1	.8	.05	3.18	.5	.5	.2	.2	212	.25	.8	2.11	17.0	.5	.77	.5	5	.2	1.27	.49	17.9	.1	-9.000	.1	.05	1.0
6225582	6255654	16	6.73	39	1	1.2	.05	1.95	.5	.5	.2	.2	267	.08	.3	.93	9.7	.5	.23	.5	2	.2	.36	.13	11.2	.1	-9.000	.1	.05	2.0
6225583	6255655	22	6.80	32	3	1.2	.05	2.33	.5	.5	.2	.2	158	.17	.2	1.27	34.0	.5	.58	.5	10	.2	.30	.37	13.7	.1	-9.000	.1	.05	1.0
6225584	6255656	13	6.67	46	1	.9	.05	1.35	.5	.5	.2	.2	120	.08	.5	.75	7.5	2.0	.41	1.0	9	.2	.22	.27	8.6	.7	-9.000	.1	.05	3.0
6225585	6255657	16	6.64	41	1	.8	.05	1.34	.5	.5	.6	.2	51	.12	.5	1.12	8.5	.5	.34	.5	6	.2	.24	.50	9.5	.2	-9.000	.1	.05	1.0
6225586	6255658	29	6.83	33	2	1.6	.05	2.56	.5	.5	.2	1.6	122	.15	.5	1.70	7.5	.5	.72	1.0	6	.2	.44	1.16	19.4	.1	-9.000	.1	.05	6.0
6225587	6255659	15	6.43	31	8	2.5	.05	1.50	.5	.5	1.0	.2	207	.06	.4	.91	22.5	.5	.31	.5	6	.2	.82	.30	8.4	.1	-9.000	.3	.05	1.0
6225588	6255660	10	6.38	40	1	1.2	.05	.96	.5	.5	.2	1.4	556	.10	.5	.65	10.8	.5	.19	.5	7	.2	.43	.14	5.0	.2	-9.000	.7	.05	2.0
6225589	6255661	7	5.26	105	1	1.4	.05	.42	.5	.5	.2	.2	329	.05	.4	.31	22.7	.5	.01	.5	5	.2	.06	.11	1.7	.4	-9.000	.1	.05	2.0
6225591	6255662	8	5.26	123	1	2.0	.05	.50	.5	.5	.2	.2	642	.01	.3	.37	23.3	.5	.02	.5	6	.2	.07	.12	2.1	.7	-9.000	.1	.10	3.0
6225592	6255663	27	7.17	21	1	1.0	.05	2.47	.5	.5	.2	.2	38	.08	.8	1.97	5.7	.5	.12	.5	2	.2	.18	.49	6.2	.1	-9.000	.1	.05	3.0
6225593	6255664	26	7.18	22	1	.8	.05	2.44	.5	.5	.2	.2	40	.08	.9	1.97	7.9	.5	.13	.5	2	.2	.18	.48	6.0	.1	-9.000	.1	.05	.5
6225594	6255665	156	7.85	32	1	1.5	.05	15.53	.5	.5	.2	.2	74	.41	1.4	10.82	39.2	.5	.29	.5	8	.2	2.51	2.36	12.4	.1	-9.000	.1	.05	.5
6225595	6255666	23	5.07	114	1	7.5	.05	.76	.5	.5	9.8	1.6	5	.25	1.3	1.04	299.0	.5	.01	10.0	2	.2	.41	2.30	2.6	.1	-9.000	.1	1.30	29.0
	6275667	4	5.94	111	2	7.2	.10	.28	.5	.5	8.5	2.3	5	.11	1.1	.17	1.3	.5	.01	9.0	2	.2	.21	.21	2.2	.1	-9.000	.1	1.30	22.0
6225597	6255668	24	4.97	127	1	8.2	.10	.75	.5	.5	9.7	4.4	5	.23	1.8	1.02	303.9	.5	.01	10.0	2	.2	.41	2.31	2.5	.1	-9.000	.4	1.60	25.0
6225598	6255669	71	7.38	37	3	1.4	.05	5.55	.5	.5	.2	1.7	171	.31	1.6	4.98	58.8	.5	.11	1.0	2	.2	1.60	4.50	7.0	.1	-9.000	.3	.05	4.0
	6275670	32	7.36	12	1	1.0	.05	3.10	.5	.5	.2	.2	5	.11	.8	2.13	1.4	.5	.01	.5	2	.2	1.02	.31	4.1	.1	-9.000	.1	.05	.5
6225601	6255671	22	7.26	16	1	1.0	.05	2.22	.5	.5	.2	.8	5	.08	.4	1.48	4.2	.5	.01	.5	2	.2	.11	.17	2.5	.1	-9.000	.2	.05	15.0
6225602	6255672	73	7.66	20	1	1.5	.05	6.07	.5	.5	.2	.7	20	.21	.6	5.22	6.5	.5	.14	.5	2	.2	2.28	1.39	7.6	.1	-9.000	.3	.05	.5
6225603	6255673	4	6.20	10	1	.5	.05	.25	.5	.5	.2	.6	5	.10	.1	.16	4.0	.5	.01	.5	2	.2	.08	.18	.8	.1	-9.000	.1	.05	.5
6225604	6255674	35	7.46	16	1	.6	.05	3.60	.5	.5	.2	1.9	5	.06	.4	2.33	3.8	3.0	.01	.5	2	.2	.41	.17	3.3	.5	-9.000	.6	.05	.5
6225605	6255675	62	7.69	28	1	1.3	.05	6.27	.5	.5	.2	2.2	18	.15	.4	4.24	5.4	.5	.01	.5	2	.2	1.80	.46	7.3	.1	-9.000	.1	.05	8.0
6225606	6255676	71	7.82	20	1	.7	.05	7.23	.5	.5	.2	1.3	21	.13	.6	4.72	6.6	.5	.01	.5	2	.2	.82	.37	7.2	.1	-9.000	.4	.05	.5
6225607	6255677	4	5.91	17	1	.5	.05	.21	.5	.5	1.0	1.7	15	.07	.3	.14	4.1	.5	.01	.5	2	.2	.04	.16	.7	.1	-9.000	.5	.05	1.0
6225608	6255678	7	6.40	18	3	.5	.05	.54	.5	.5	.2	1.1	15	.12	.1	.39	6.2	.5	.01	.5	2	.2	.44	.17	1.5	.1	-9.000	.4	.05	.5
6225609	6255679	67	7.60	31	3	1.6	.05	6.47	.5	.5	.2	1.7	300	.06	.6	4.75	16.6	.5	.19	.5	2	.2	1.43	.76	11.9	.1	-9.000	.1	.05	2.0
6225611	6255680	6	6.68	14	1	.8	.05	.49	.5	.5	.2	1.3	82	.06	.5	.32	6.4	.5	.01	.5	2	.2	.15	.13	1.4	.1	-9.000	.4	.05	.5
6225612	6255681	5	6.26	15	1	.5	.05	.22	.5	.5	.2	1.3	19	.09	.1	.34	2.8	.5	.01	.5	2	.2	.02	.14	.6	.1	-9.000	.5	.05	.5
	6275682	124	7.94	60	2	1.3	.05	11.72	.5	.5	.2	1.6	31	.36	1.1	8.37	12.9	.5	.13	.5	7	.2	2.20	2.20	11.1	.1	-9.000	.6	.05	.5
	6275683	125	8.07	41	1	.9	.05	11.89	.5	.5	.2	3.4	25	.35	.6	8.49	11.0	4.0	.13	.5	6	.2	2.26	2.18	10.9	.7	-9.000	.7	.05	1.0